

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132860.D
 Acq On : 11 Apr 2023 20:54
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2023
 Supervised By : Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 04:08:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 12 03:34:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	221049	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	847249	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	423860	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	767176	20.000	ng	0.00
76) Chrysene-d12	13.921	240	510427	20.000	ng	0.00
86) Perylene-d12	15.345	264	413968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1145215	80.486	ng	0.00
7) Phenol-d6	6.398	99	1451898	79.116	ng	0.00
23) Nitrobenzene-d5	7.340	82	1295145	79.102	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	338622	89.893	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2090609	78.026	ng	0.00
79) Terphenyl-d14	12.874	244	2358174	80.049	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	56	5.845	ng	# 100
3) Pyridine	3.181	79	788253	40.363	ng	98
4) n-Nitrosodimethylamine	3.134	42	375260	39.776	ng	97
6) Aniline	6.434	93	951837	40.127	ng	100
8) 2-Chlorophenol	6.551	128	570067	39.832	ng	99
9) Benzaldehyde	6.316	77	396917	40.105	ng	97
10) Phenol	6.410	94	832284m	40.279	ng	
11) bis(2-Chloroethyl)ether	6.510	93	591820	38.634	ng	98
12) 1,3-Dichlorobenzene	6.710	146	611976	38.753	ng	100
13) 1,4-Dichlorobenzene	6.787	146	612905	38.505	ng	100
14) 1,2-Dichlorobenzene	6.945	146	578421	38.694	ng	99
15) Benzyl Alcohol	6.910	79	502814	42.142	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	984659	38.499	ng	99
17) 2-Methylphenol	7.022	107	519490	39.808	ng	99
18) Hexachloroethane	7.287	117	210868	38.482	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	424912	40.669	ng	97
20) 3+4-Methylphenols	7.181	107	623604	39.985	ng	93
22) Acetophenone	7.181	105	775902	38.643	ng	# 90
24) Nitrobenzene	7.357	77	662826	39.953	ng	100
25) Isophorone	7.592	82	1172349	40.158	ng	97
26) 2-Nitrophenol	7.669	139	255021	43.092	ng	99
27) 2,4-Dimethylphenol	7.710	122	499037	41.738	ng	100
28) bis(2-Chloroethoxy)met...	7.810	93	687177	39.668	ng	99
29) 2,4-Dichlorophenol	7.910	162	468471	41.275	ng	100
30) 1,2,4-Trichlorobenzene	7.998	180	493551	39.384	ng	99
31) Naphthalene	8.081	128	1682512	38.915	ng	100
32) Benzoic acid	7.822	122	235862m	43.301	ng	
33) 4-Chloroaniline	8.128	127	697788	40.628	ng	99
34) Hexachlorobutadiene	8.198	225	271146	39.746	ng	98
35) Caprolactam	8.504	113	146325	44.858	ng	93
36) 4-Chloro-3-methylphenol	8.604	107	506819	41.857	ng	97
37) 2-Methylnaphthalene	8.769	142	1127815	39.005	ng	100
38) 1-Methylnaphthalene	8.869	142	1055638	39.143	ng	98
40) 1,2,4,5-Tetrachloroben...	8.934	216	458848	38.779	ng	99
41) Hexachlorocyclopentadiene	8.922	237	234910	36.879	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	299247	41.168	ng	99

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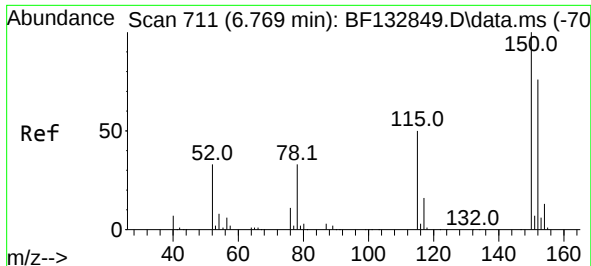
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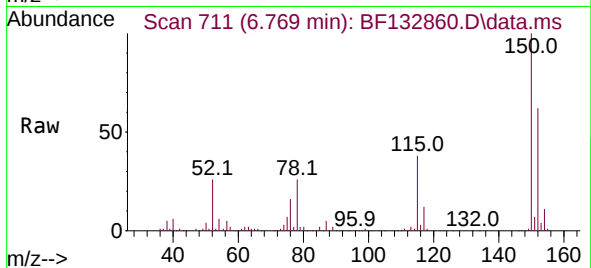
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	352503	41.062	ng	95
46) 1,1'-Biphenyl	9.234	154	1304618	38.189	ng	100
47) 2-Chloronaphthalene	9.257	162	977335	39.081	ng	99
48) 2-Nitroaniline	9.345	65	310338	42.093	ng	99
49) Acenaphthylene	9.669	152	1600505	39.590	ng	99
50) Dimethylphthalate	9.534	163	1135571	41.489	ng	100
51) 2,6-Dinitrotoluene	9.592	165	262711	42.073	ng	96
52) Acenaphthene	9.845	154	1021926	39.340	ng	99
53) 3-Nitroaniline	9.757	138	313758	43.435	ng	89
54) 2,4-Dinitrophenol	9.857	184	106384	40.309	ng	94
55) Dibenzofuran	10.016	168	1445580	39.260	ng	99
56) 4-Nitrophenol	9.910	139	247244	43.424	ng	97
57) 2,4-Dinitrotoluene	9.992	165	336788	43.413	ng	97
58) Fluorene	10.357	166	1055627	38.868	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	275028	42.067	ng	99
60) Diethylphthalate	10.233	149	1037676	44.605	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	513957	39.776	ng	95
62) 4-Nitroaniline	10.369	138	309135	44.806	ng	95
63) Azobenzene	10.510	77	1200134	39.602	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	145304	40.351	ng	98
66) n-Nitrosodiphenylamine	10.469	169	948566	40.520	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	326951	40.150	ng	# 92
68) Hexachlorobenzene	10.904	284	342808	40.662	ng	93
69) Atrazine	10.992	200	261803	45.617	ng	98
70) Pentachlorophenol	11.092	266	239093	43.059	ng	99
71) Phenanthrene	11.316	178	1609034	38.240	ng	100
72) Anthracene	11.363	178	1686466	39.205	ng	100
73) Carbazole	11.516	167	1492069	39.649	ng	100
74) Di-n-butylphthalate	11.857	149	1375859	45.364	ng	99
75) Fluoranthene	12.498	202	1701950	40.401	ng	99
77) Benzidine	12.622	184	219950	50.350	ng	# 91
78) Pyrene	12.727	202	1733734	39.764	ng	100
80) Butylbenzylphthalate	13.351	149	204666	58.017	ng	87
81) Benzo(a)anthracene	13.910	228	1413167	40.252	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	288809	42.778	ng	98
83) Chrysene	13.951	228	1349918	39.060	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	310115	58.093	ng	# 98
85) Di-n-octyl phthalate	14.527	149	420654	55.371	ng	# 83
87) Indeno(1,2,3-cd)pyrene	16.745	276	1055052	39.499	ng	99
88) Benzo(b)fluoranthene	14.939	252	1023682	38.316	ng	100
89) Benzo(k)fluoranthene	14.968	252	1066285	38.854	ng	99
90) Benzo(a)pyrene	15.292	252	955471	39.873	ng	100
91) Dibenzo(a,h)anthracene	16.768	278	884184	40.210	ng	98
92) Benzo(g,h,i)perylene	17.168	276	897384	39.767	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

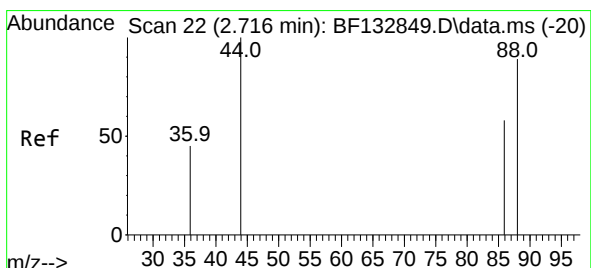
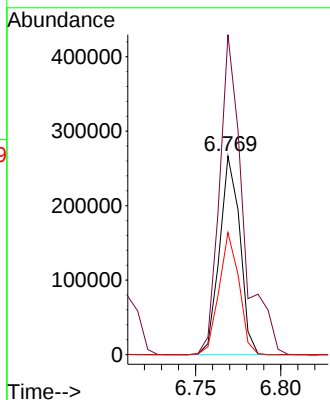
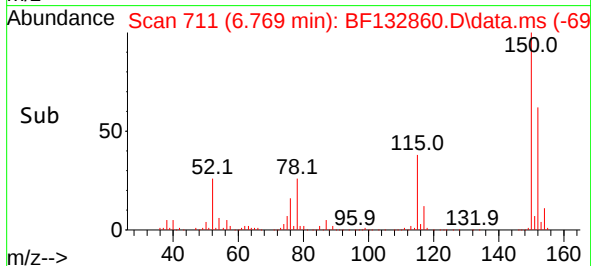
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



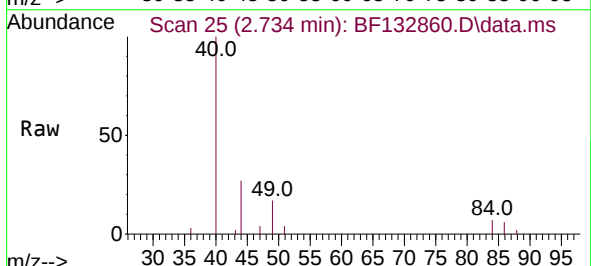
Tgt Ion:152 Resp: 221049
Ion Ratio Lower Upper
152 100
150 161.2 127.8 191.6
115 61.4 52.2 78.4

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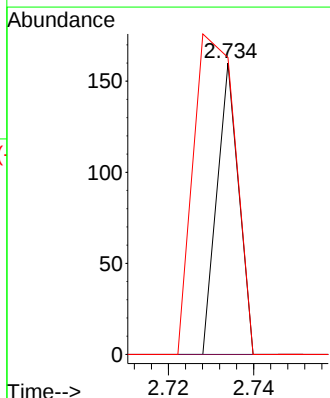
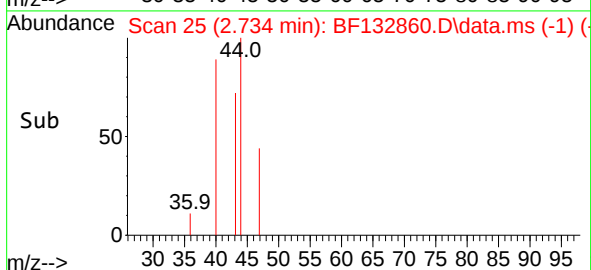
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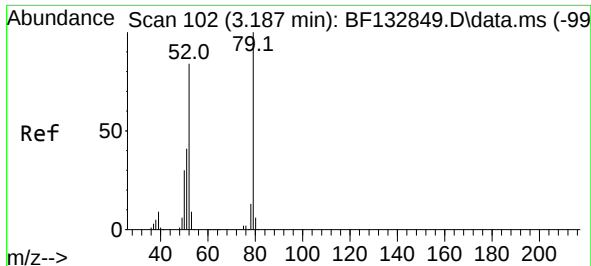


#2
1,4-Dioxane
Concen: 5.845 ng
RT: 2.734 min Scan# 25
Delta R.T. 0.018 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



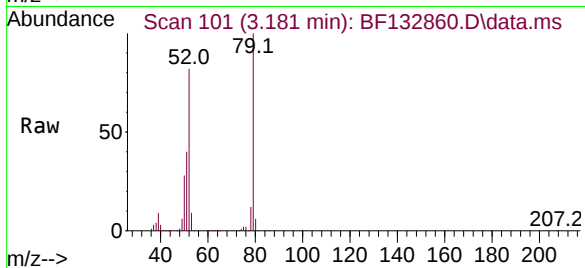
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 214.3 0.0 0.0#





#3
Pyridine
Concen: 40.363 ng
RT: 3.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

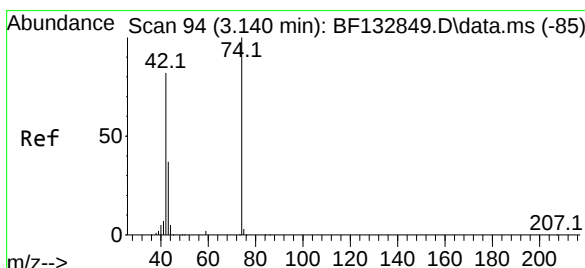
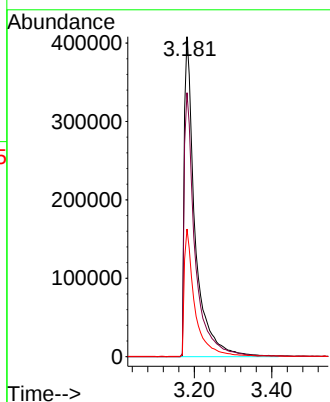
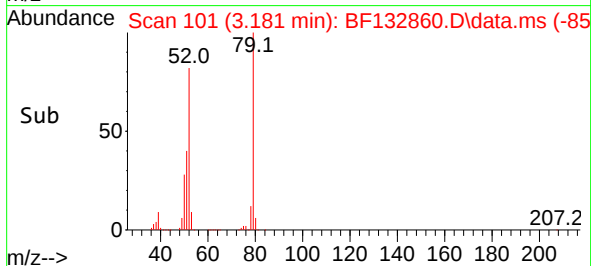
Instrument :
BNA_F
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SSTDCCC040EC



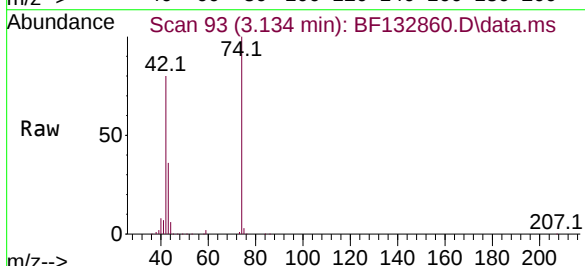
Tgt Ion: 79 Resp: 788253
Ion Ratio Lower Upper
79 100
52 82.5 67.3 100.9
51 39.9 32.6 48.8

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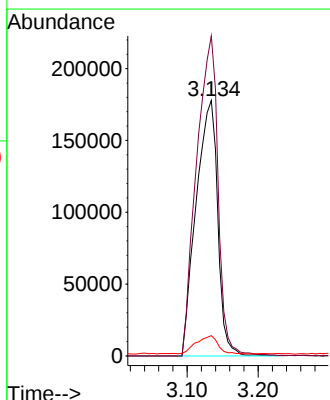
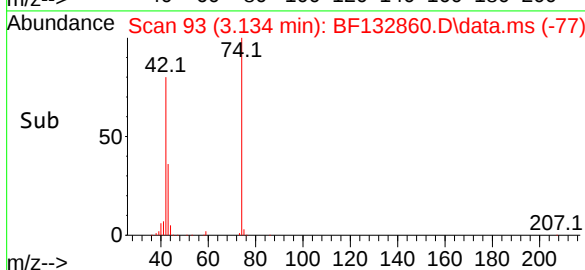
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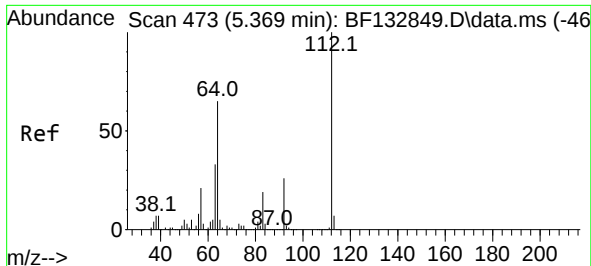


#4
n-Nitrosodimethylamine
Concen: 39.776 ng
RT: 3.134 min Scan# 93
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



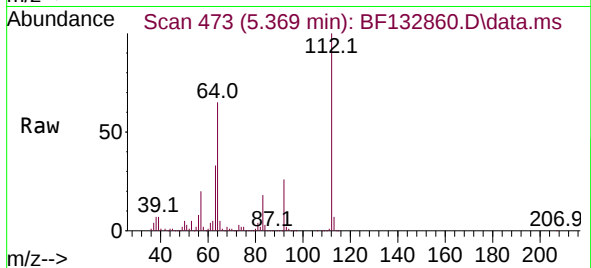
Tgt Ion: 42 Resp: 375260
Ion Ratio Lower Upper
42 100
74 125.3 97.7 146.5
44 8.0 6.0 9.0





#5
2-Fluorophenol
Concen: 80.486 ng
RT: 5.369 min Scan# 473
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

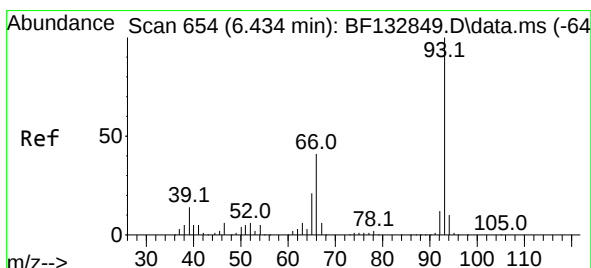
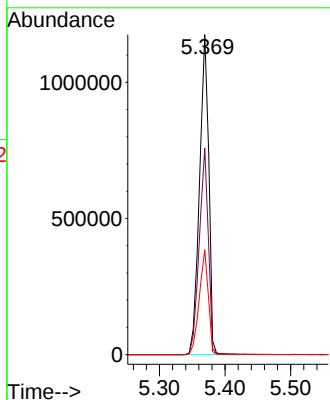
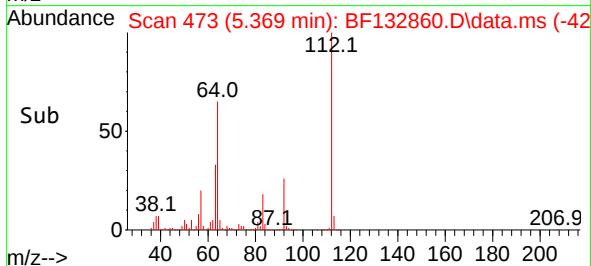
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Tgt Ion: 112 Resp: 1145215
Ion Ratio Lower Upper
112 100
64 64.6 51.7 77.5
63 32.8 26.4 39.6

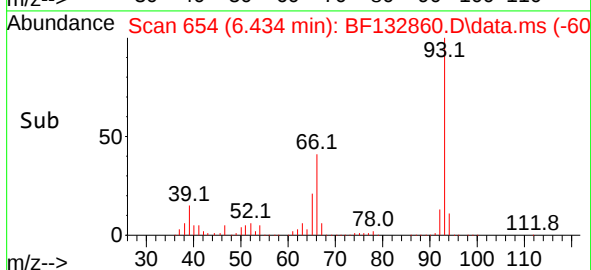
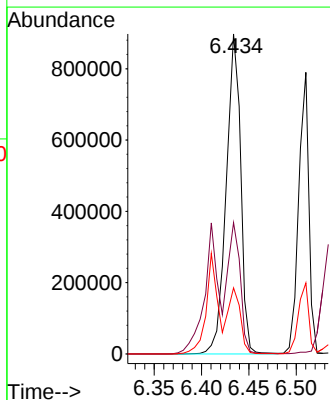
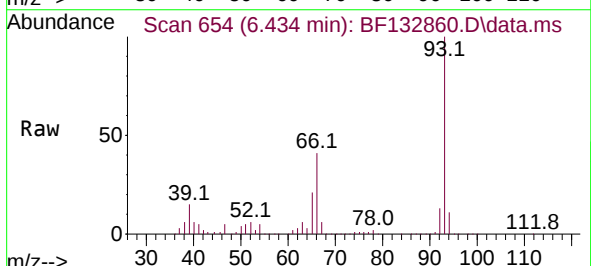
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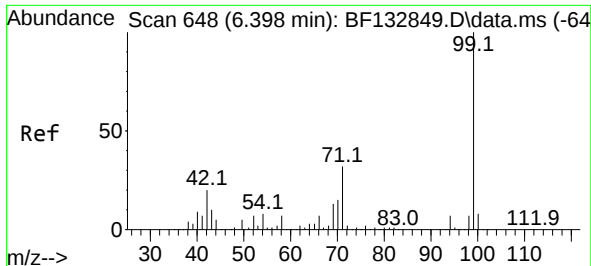
Reviewed By :Christian Giraldo 04/12/2023
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#6
Aniline
Concen: 40.127 ng
RT: 6.434 min Scan# 654
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

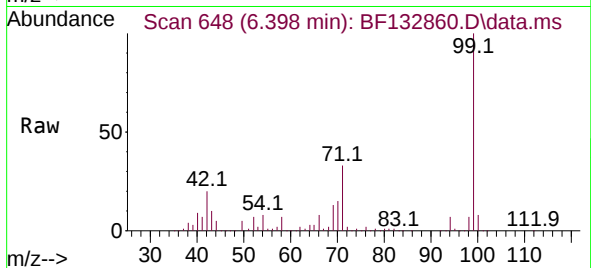
Tgt Ion: 93 Resp: 951837
Ion Ratio Lower Upper
93 100
66 41.0 33.0 49.4
65 20.7 16.8 25.2





#7
Phenol-d6
Concen: 79.116 ng
RT: 6.398 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

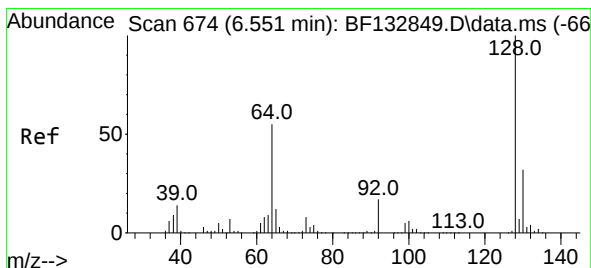
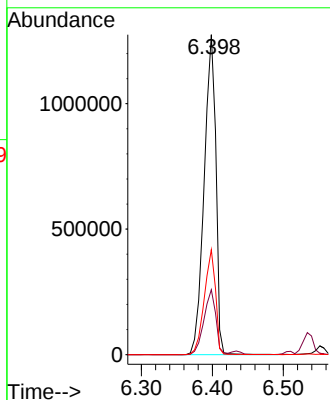
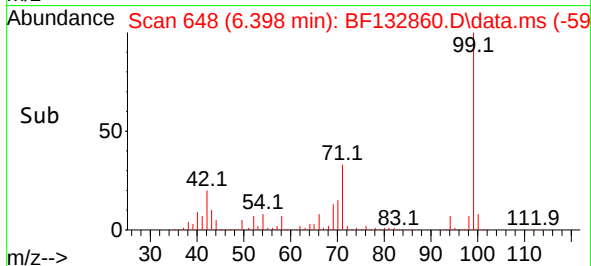
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Tgt Ion: 99 Resp: 1451898
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 32.8 25.8 38.6

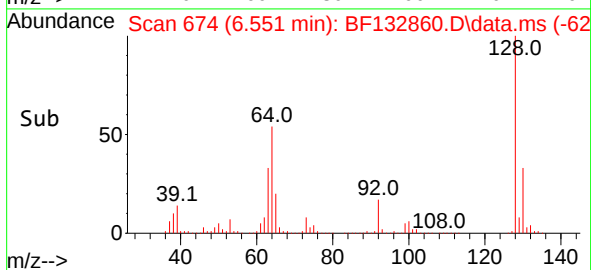
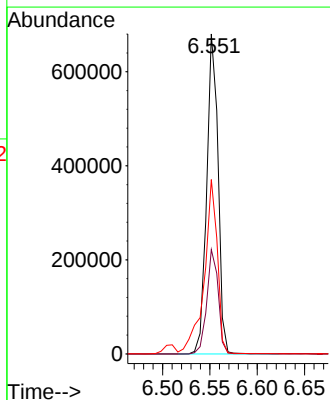
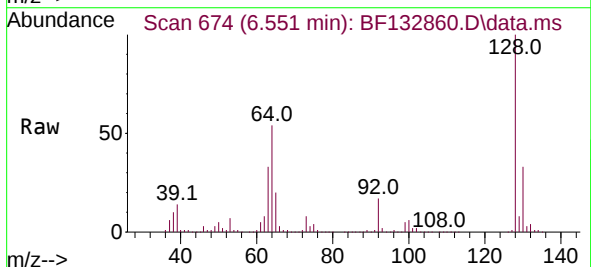
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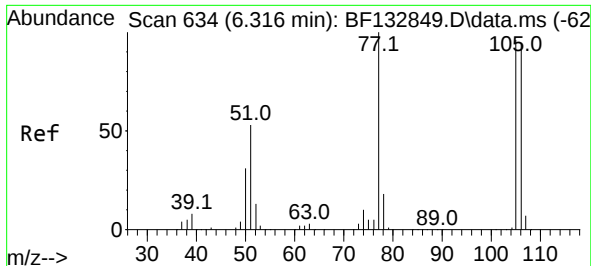
Reviewed By :Christian Giraldo 04/12/2023
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#8
2-Chlorophenol
Concen: 39.832 ng
RT: 6.551 min Scan# 674
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

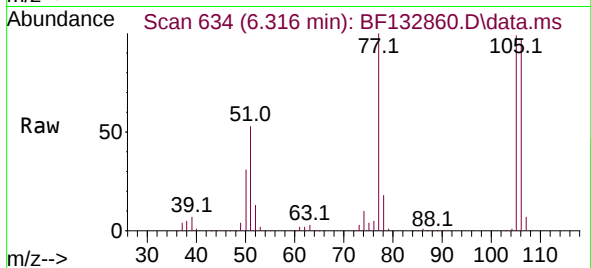
Tgt Ion:128 Resp: 570067
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 54.5 35.4 75.4





#9
Benzaldehyde
Concen: 40.105 ng
RT: 6.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

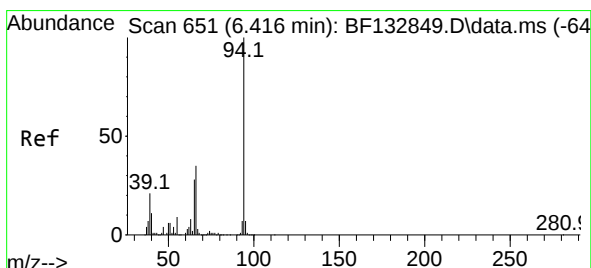
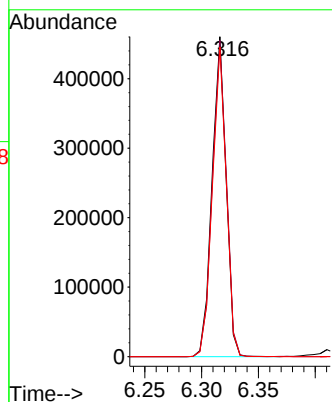
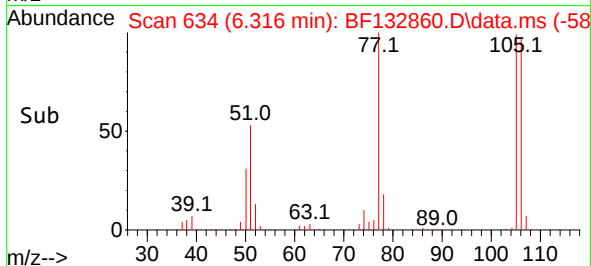
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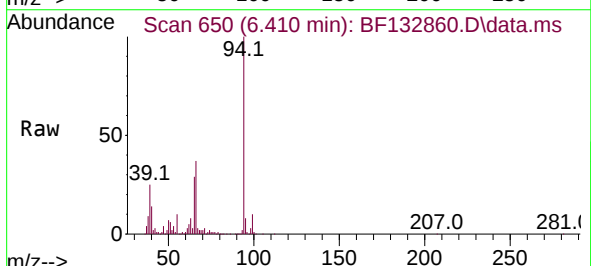
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Ion Ratio Lower Upper
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105 98.8 76.4 116.4
106 96.8 73.8 113.8

Manual Integrations
APPROVED

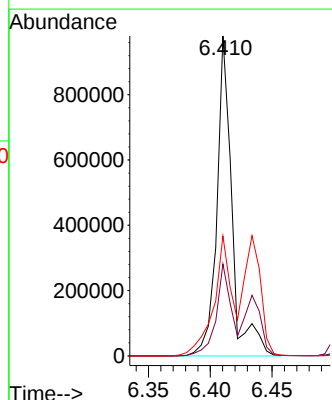
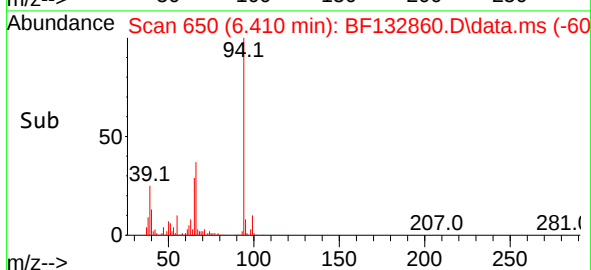
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

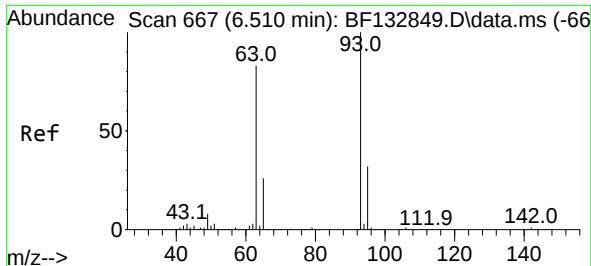


#10
Phenol
Concen: 40.279 ng m
RT: 6.410 min Scan# 650
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



Tgt Ion: 94 Resp: 832284
Ion Ratio Lower Upper
94 100
65 28.7 7.7 47.7
66 37.5 15.2 55.2





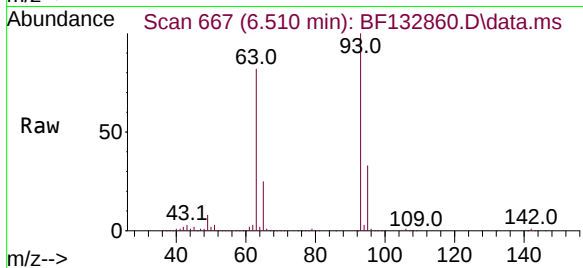
#11
bis(2-Chloroethyl)ether
Concen: 38.634 ng
RT: 6.510 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

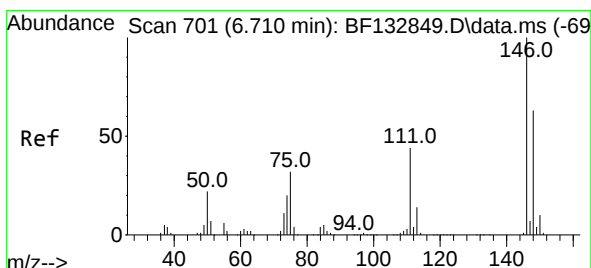
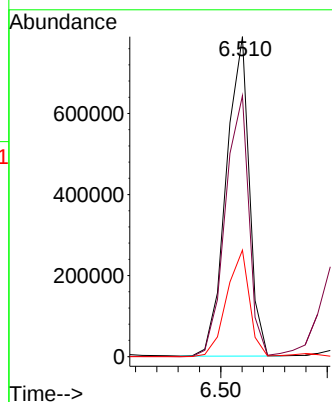
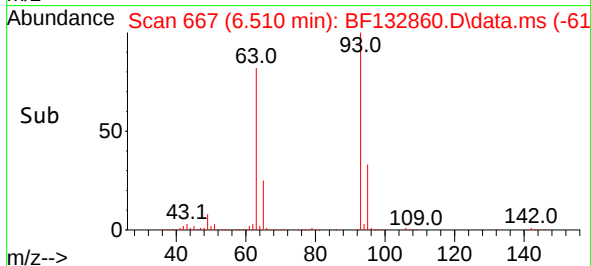


Tgt Ion: 93 Resp: 591820
Ion Ratio Lower Upper
93 100
63 81.5 63.3 103.3
95 33.3 12.4 52.4

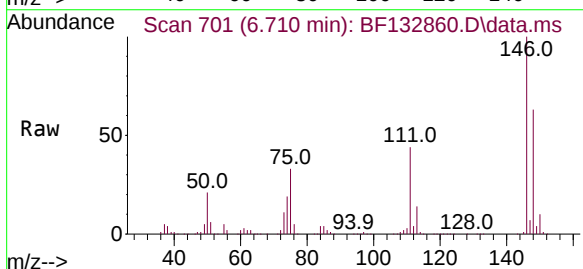
Manual Integrations

APPROVED

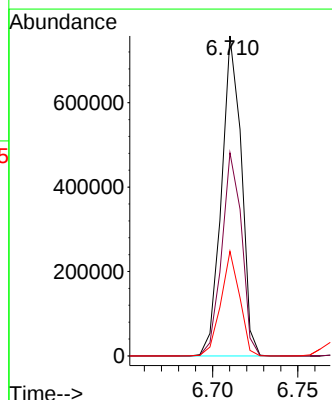
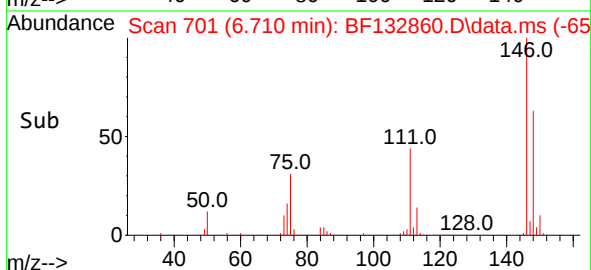
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

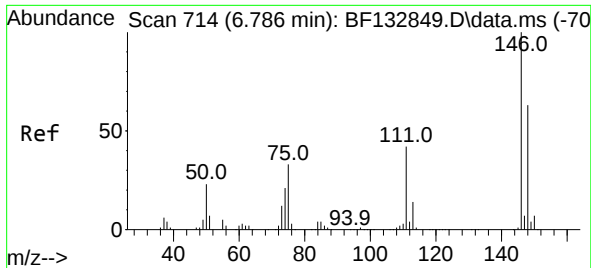


#12
1,3-Dichlorobenzene
Concen: 38.753 ng
RT: 6.710 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



Tgt Ion:146 Resp: 611976
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
75 32.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.505 ng

RT: 6.787 min Scan# 714

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

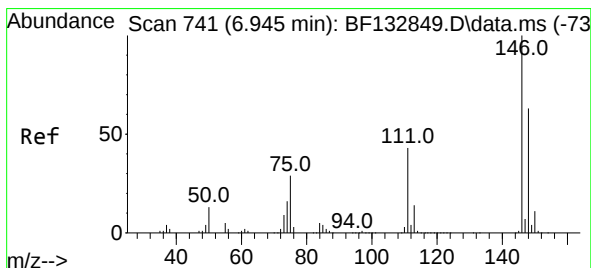
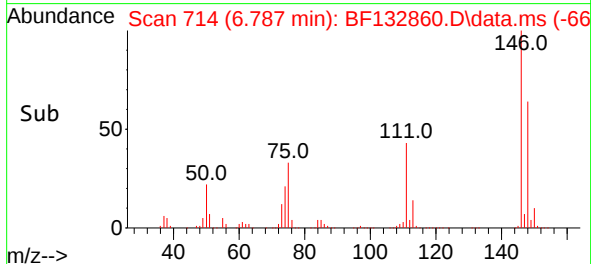
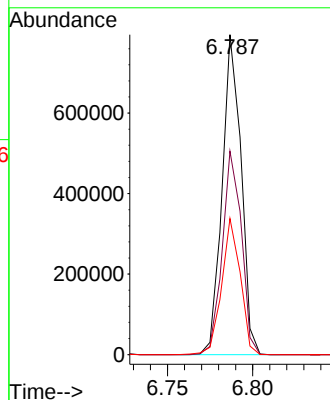
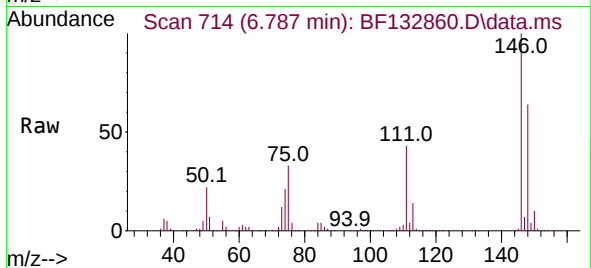
SSTDCCC040EC

Tgt Ion:146 Resp: 612905
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 42.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023



#14

1,2-Dichlorobenzene

Concen: 38.694 ng

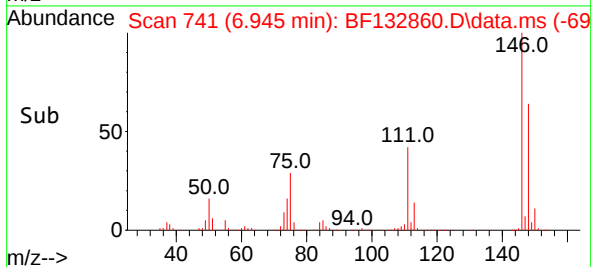
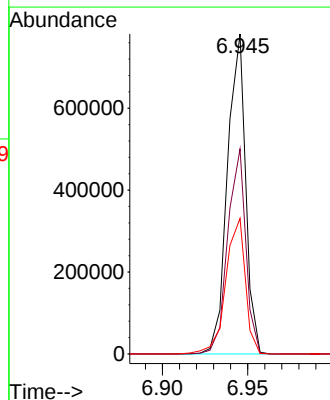
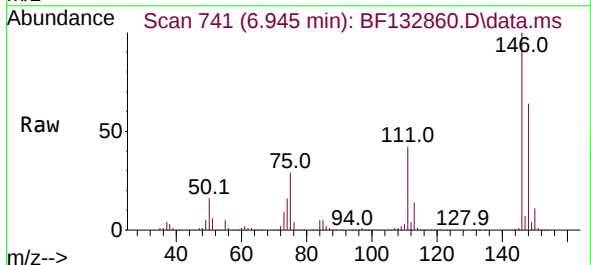
RT: 6.945 min Scan# 741

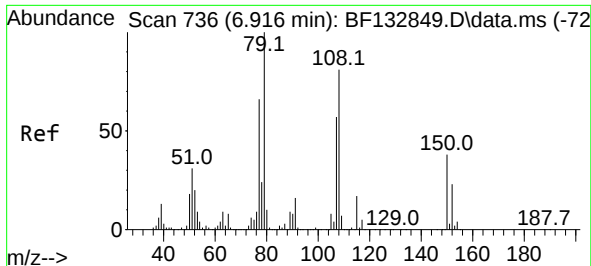
Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

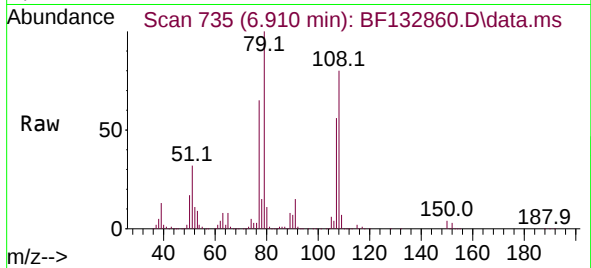
Tgt Ion:146 Resp: 578421
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 42.3 34.2 51.4





#15
Benzyl Alcohol
Concen: 42.142 ng
RT: 6.910 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

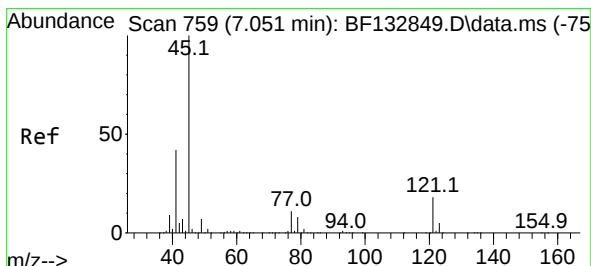
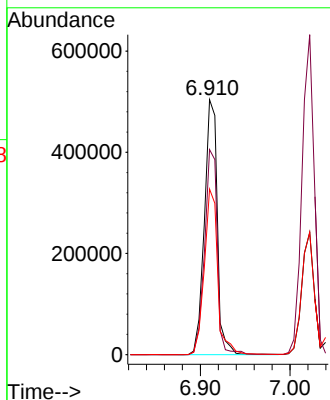
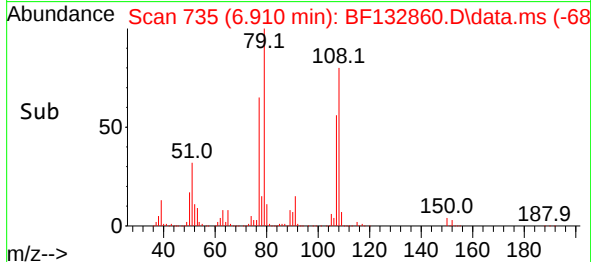
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 502814
Ion Ratio Lower Upper
79 100
108 80.4 65.0 97.6
77 64.9 53.0 79.4

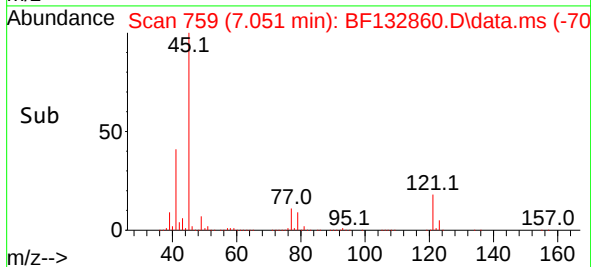
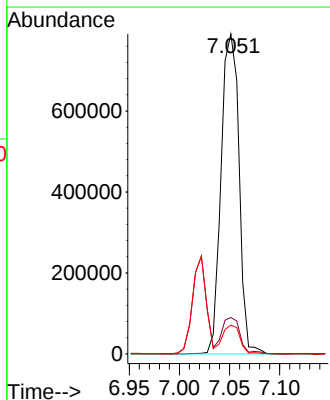
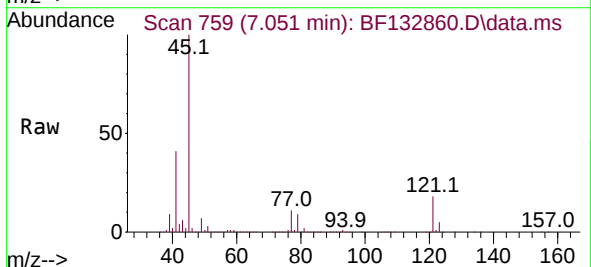
Manual Integrations
APPROVED

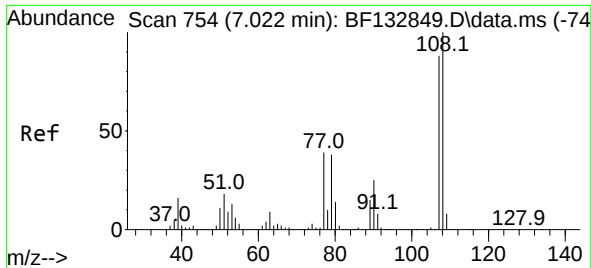
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.499 ng
RT: 7.051 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

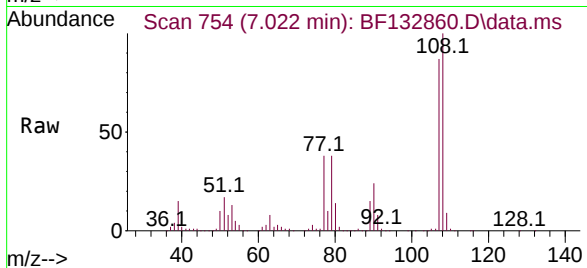
Tgt Ion: 45 Resp: 984659
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 9.0 0.0 28.5





#17
2-Methylphenol
Concen: 39.808 ng
RT: 7.022 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

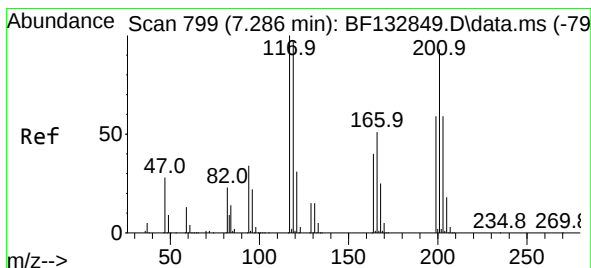
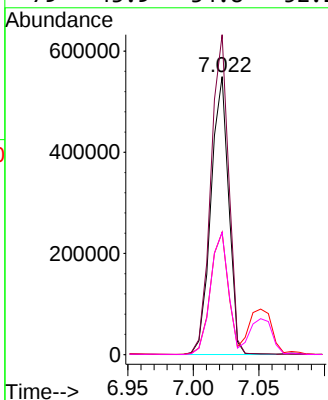
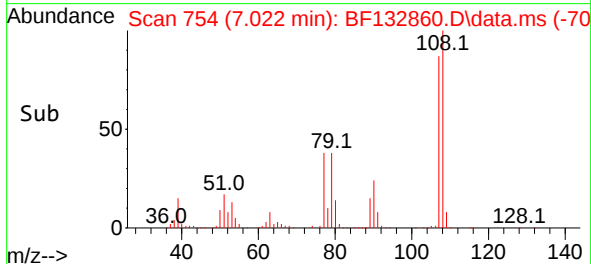
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



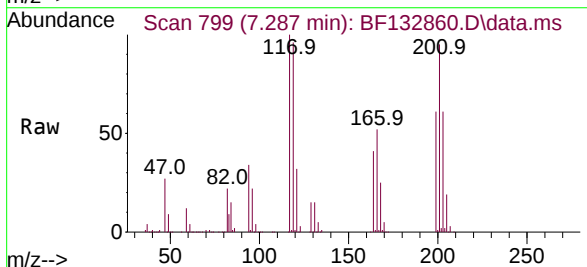
Tgt Ion:107 Resp: 519496
Ion Ratio Lower Upper
107 100
108 115.1 91.4 137.0
77 44.0 35.5 53.3
79 43.9 34.8 52.2

Manual Integrations
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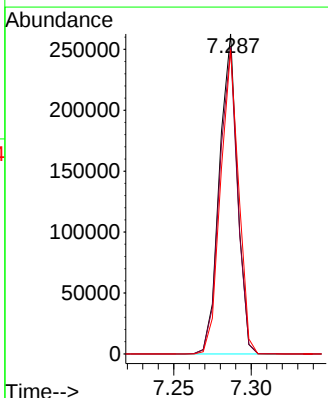
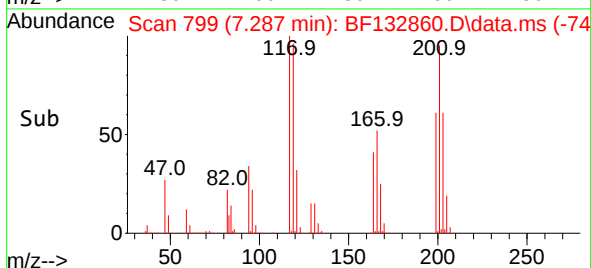
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

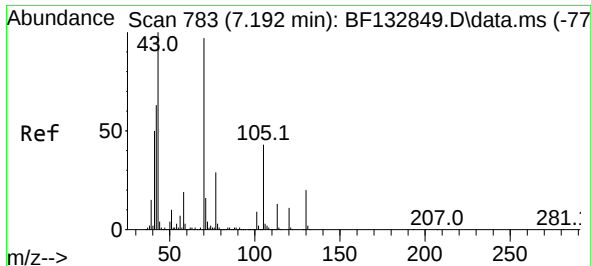


#18
Hexachloroethane
Concen: 38.482 ng
RT: 7.287 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



Tgt Ion:117 Resp: 210868
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.6
201 95.0 74.2 111.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.669 ng

RT: 7.192 min Scan# 783

Delta R.T. 0.000 min

Lab File: BF132860.D

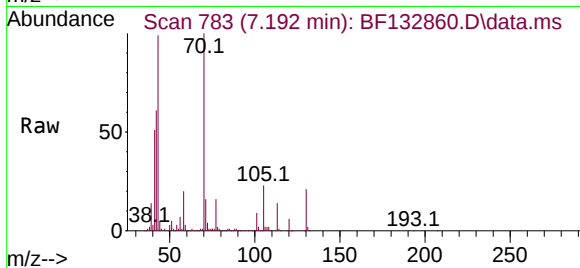
Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 424912

Ion Ratio Lower Upper

70 100

42 61.3 51.6 77.4

101 9.1 7.5 11.3

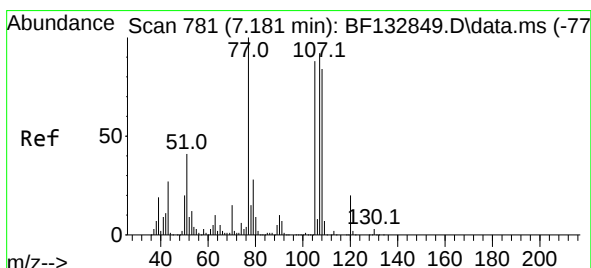
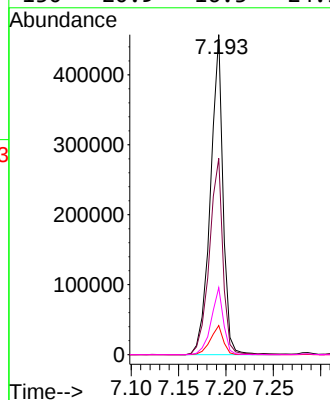
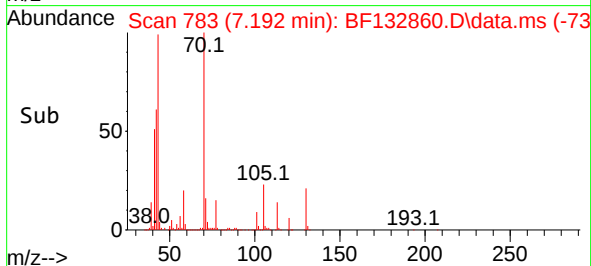
130 20.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#20

3+4-Methylphenols

Concen: 39.985 ng

RT: 7.181 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Tgt Ion:107 Resp: 623604

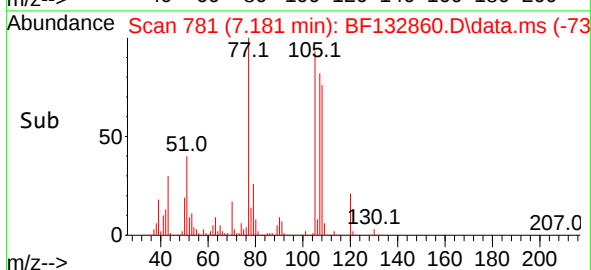
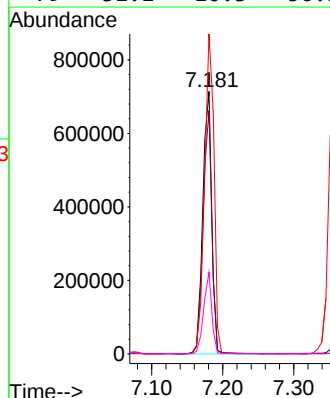
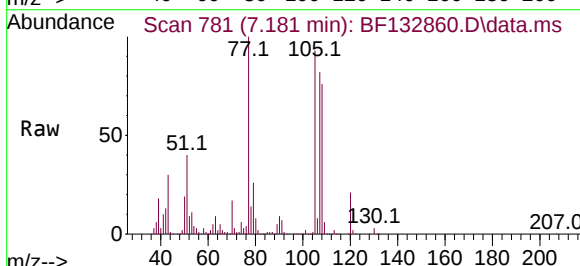
Ion Ratio Lower Upper

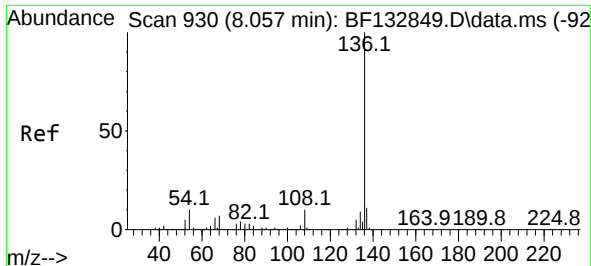
107 100

108 92.8 71.1 111.1

77 121.9 88.5 128.5

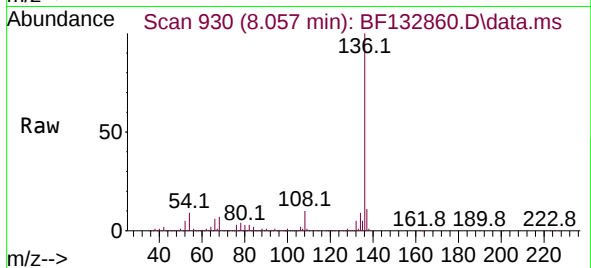
79 31.1 10.3 50.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 930
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

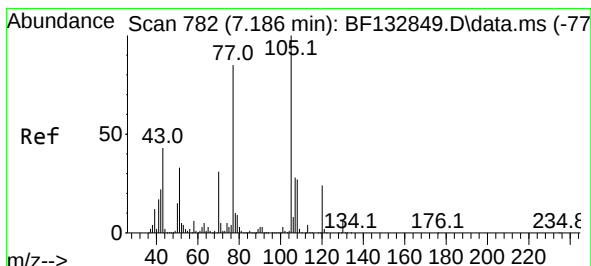
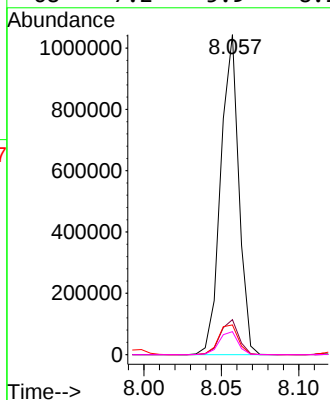
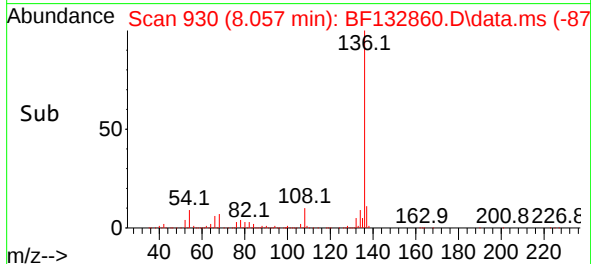
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



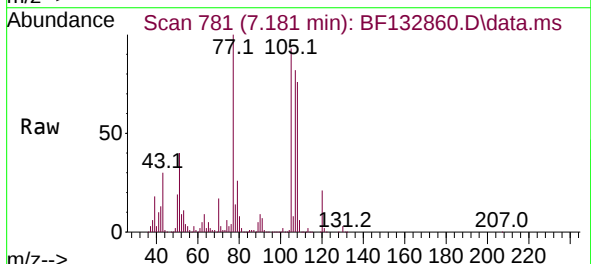
Tgt Ion:136 Resp: 847249
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.3 8.2 12.2
68 7.2 5.9 8.9

Manual Integrations
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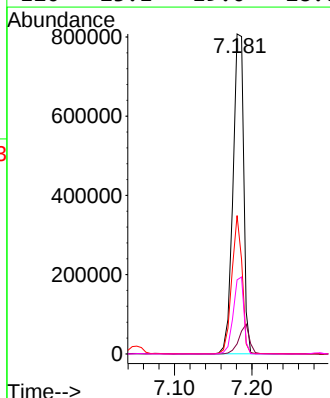
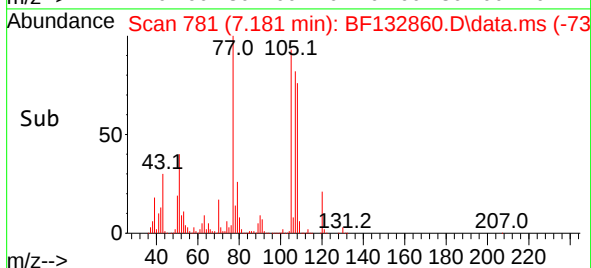
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

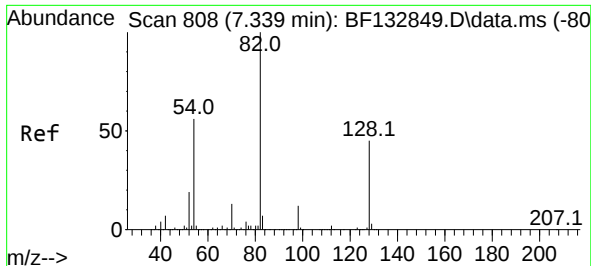


#22
Acetophenone
Concen: 38.643 ng
RT: 7.181 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



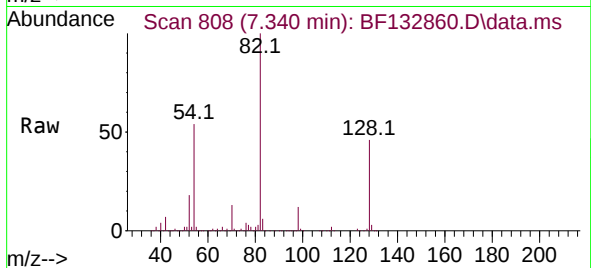
Tgt Ion:105 Resp: 775902
Ion Ratio Lower Upper
105 100
71 3.1 4.1 6.1#
51 43.2 26.6 39.8#
120 23.1 19.0 28.6





#23
Nitrobenzene-d5
Concen: 79.102 ng
RT: 7.340 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

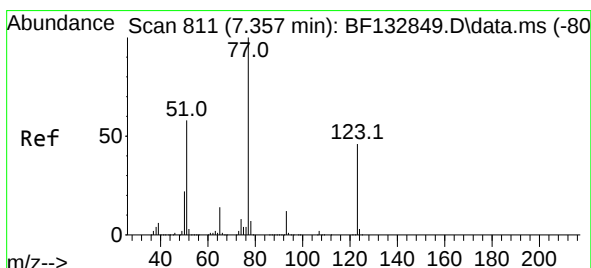
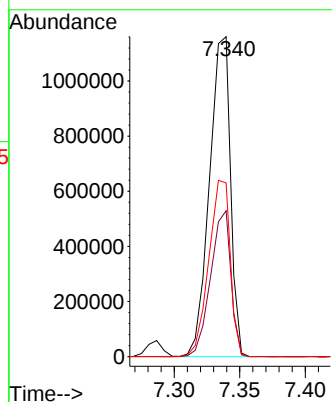
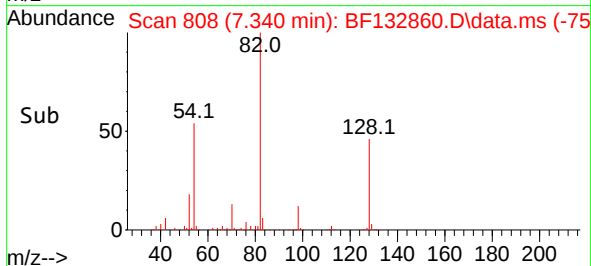
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 1295145
Ion Ratio Lower Upper
82 100
128 45.6 35.9 53.9
54 54.3 44.6 67.0

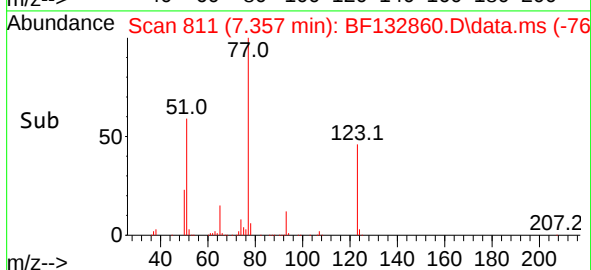
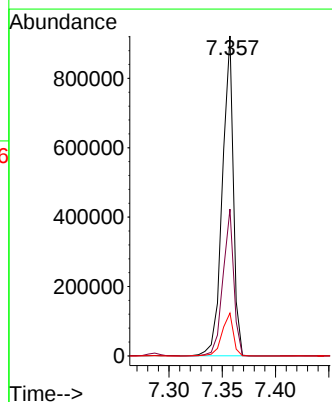
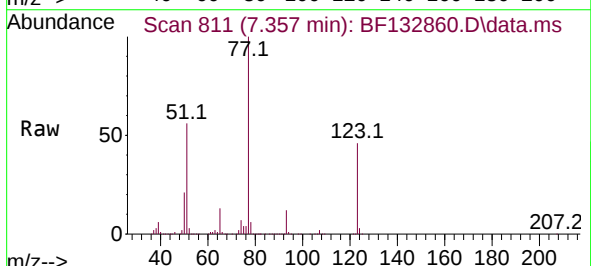
Manual Integrations
APPROVED

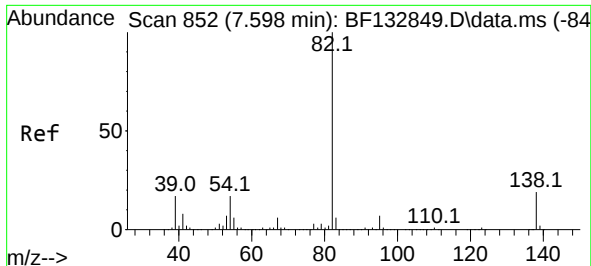
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#24
Nitrobenzene
Concen: 39.953 ng
RT: 7.357 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

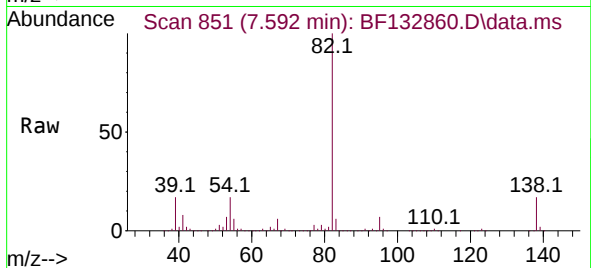
Tgt Ion: 77 Resp: 662826
Ion Ratio Lower Upper
77 100
123 45.9 37.0 55.4
65 13.4 10.8 16.2





#25
Isophorone
Concen: 40.158 ng
RT: 7.592 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

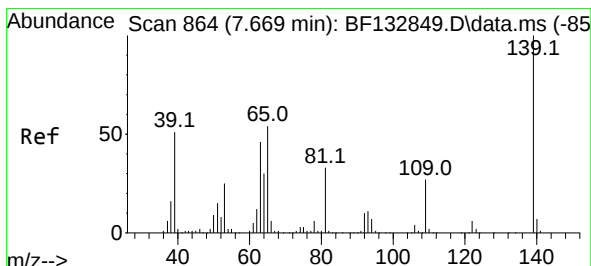
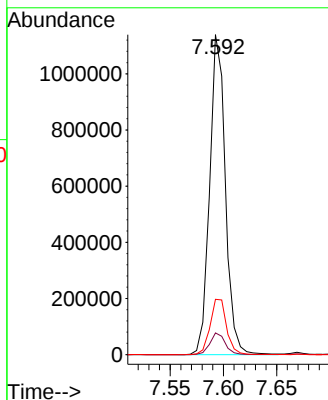
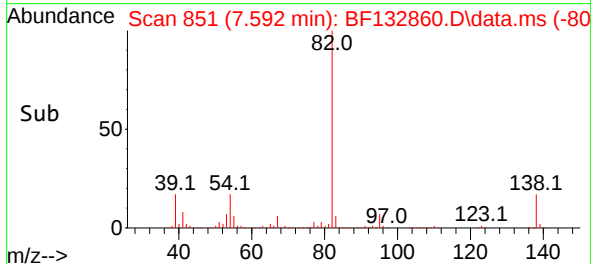
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 1172349
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.3 15.2 22.8

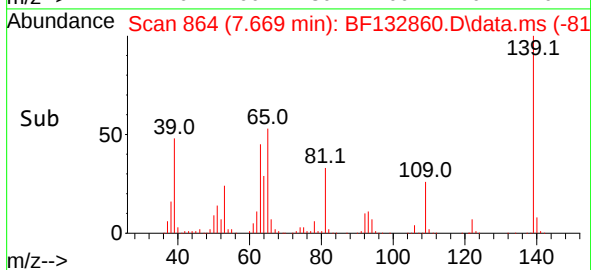
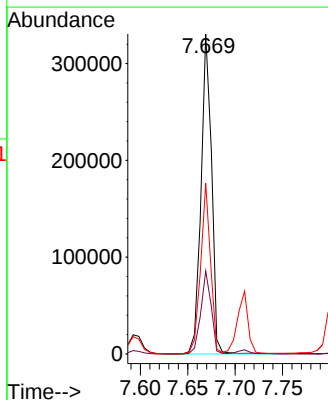
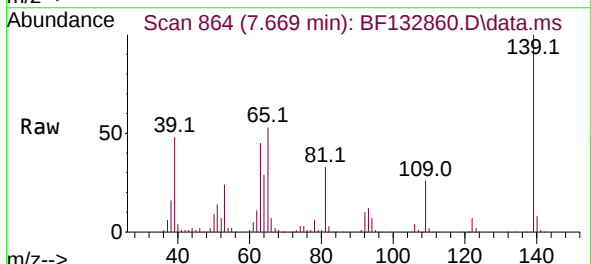
Manual Integrations
APPROVED

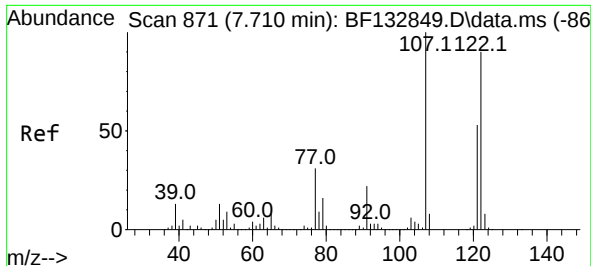
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#26
2-Nitrophenol
Concen: 43.092 ng
RT: 7.669 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Tgt Ion:139 Resp: 255021
Ion Ratio Lower Upper
139 100
109 25.9 21.3 31.9
65 53.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 41.738 ng

RT: 7.710 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF132860.D

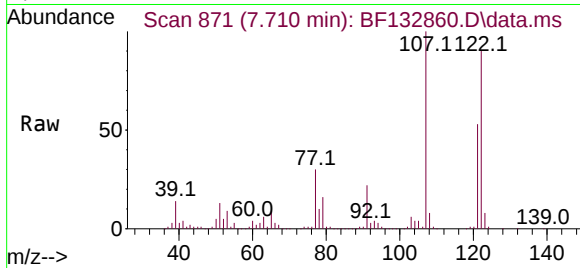
Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:122 Resp: 499037

Ion Ratio Lower Upper

122 100

107 111.3 89.1 133.7

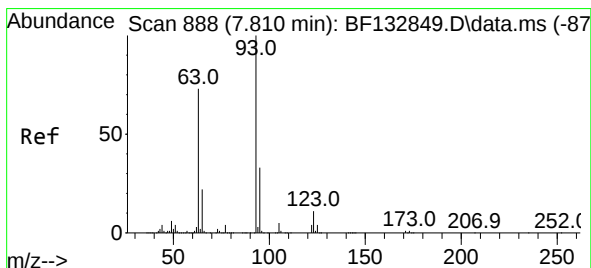
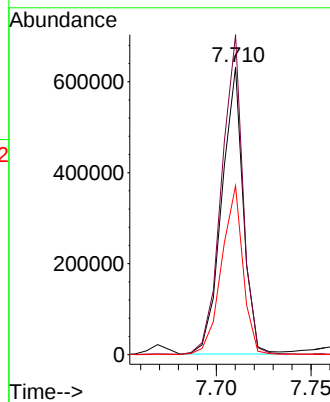
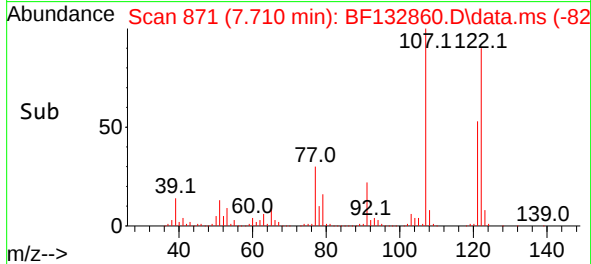
121 58.7 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.668 ng

RT: 7.810 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

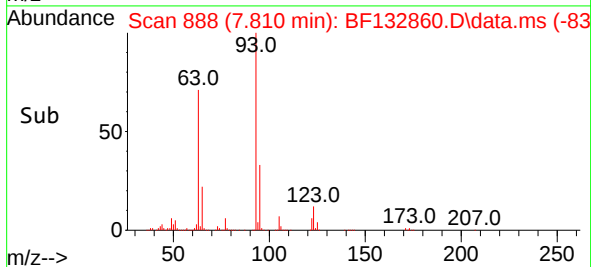
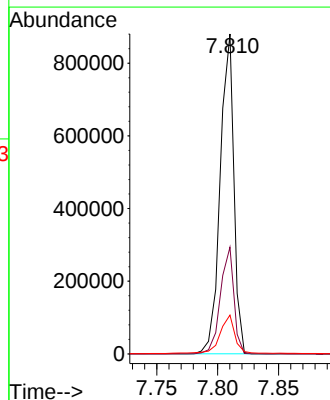
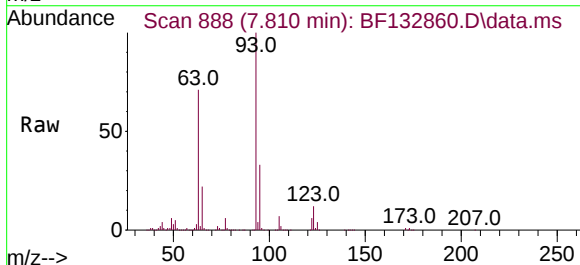
Tgt Ion: 93 Resp: 687177

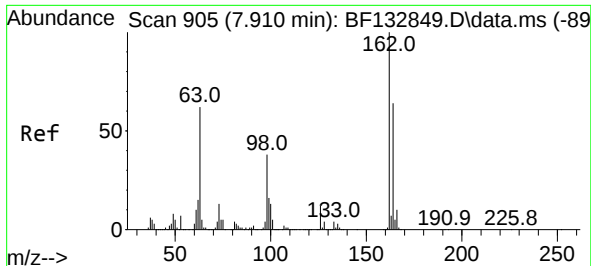
Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

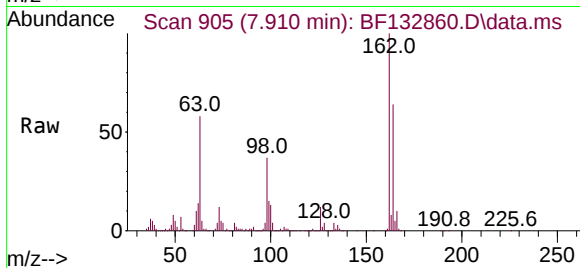
123 12.1 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 41.275 ng
RT: 7.910 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

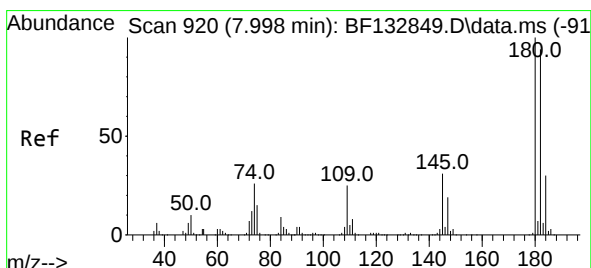
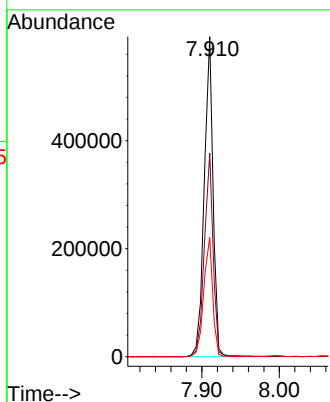
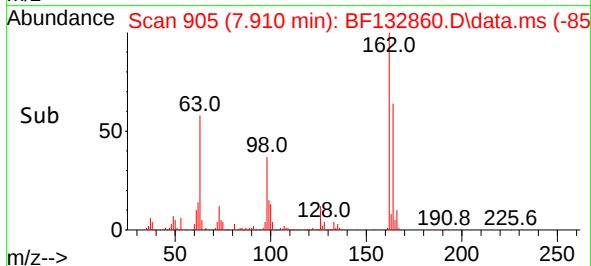
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



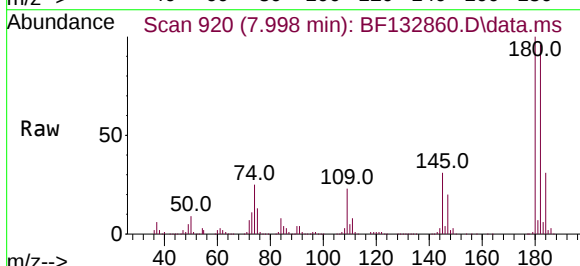
Tgt Ion:162 Resp: 468471
Ion Ratio Lower Upper
162 100
164 63.5 43.5 83.5
98 37.2 18.0 58.0

Manual Integrations
APPROVED

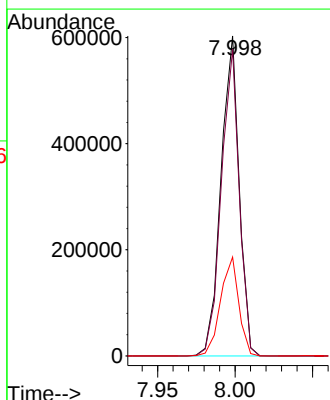
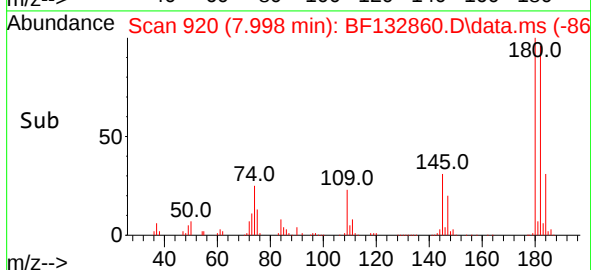
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

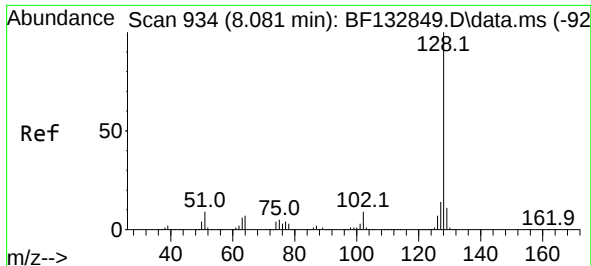


#30
1,2,4-Trichlorobenzene
Concen: 39.384 ng
RT: 7.998 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



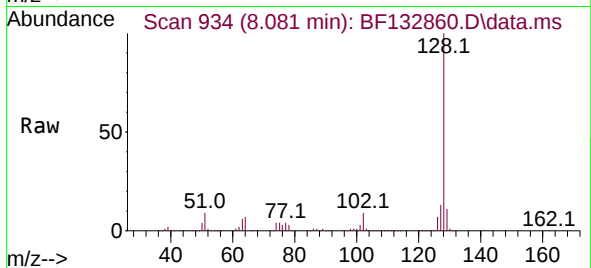
Tgt Ion:180 Resp: 493551
Ion Ratio Lower Upper
180 100
182 95.8 75.5 113.3
145 30.9 24.9 37.3





#31
Naphthalene
Concen: 38.915 ng
RT: 8.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

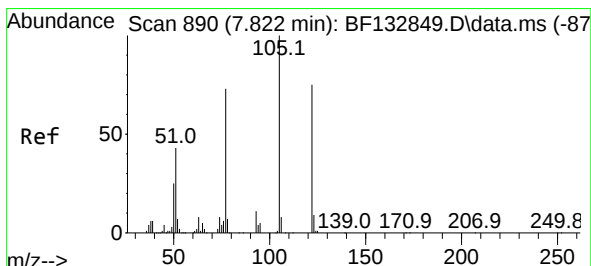
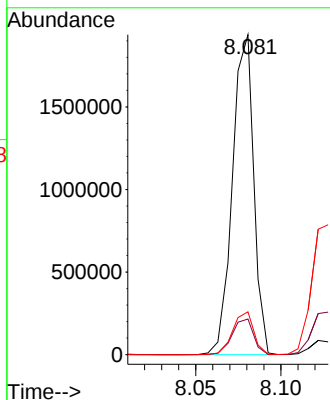
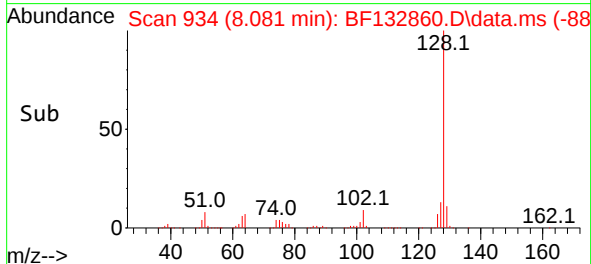
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 1682512
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.9 16.3

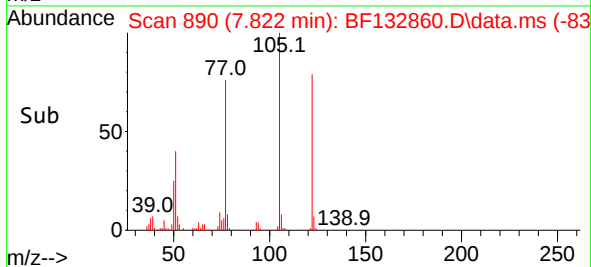
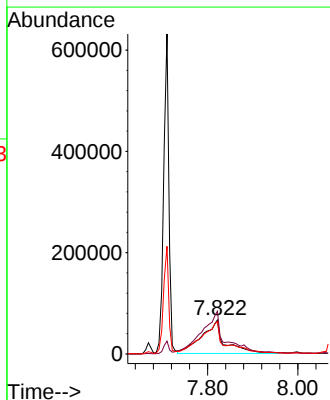
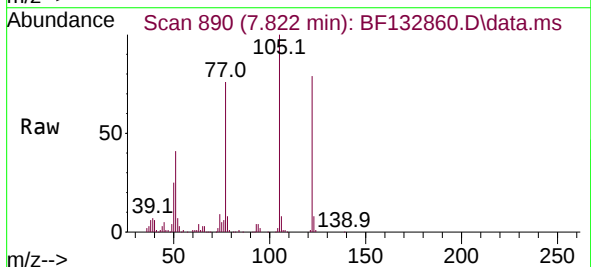
Manual Integrations
APPROVED

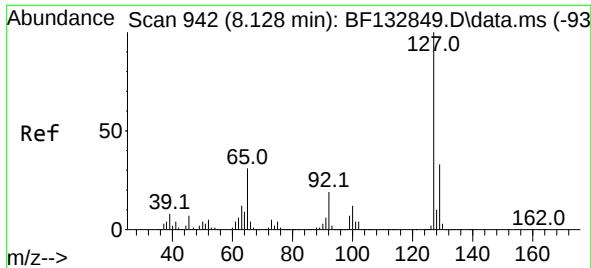
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#32
Benzoic acid
Concen: 43.301 ng m
RT: 7.822 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Tgt Ion:122 Resp: 235862
Ion Ratio Lower Upper
122 100
105 126.4 109.5 149.5
77 96.2 74.9 114.9





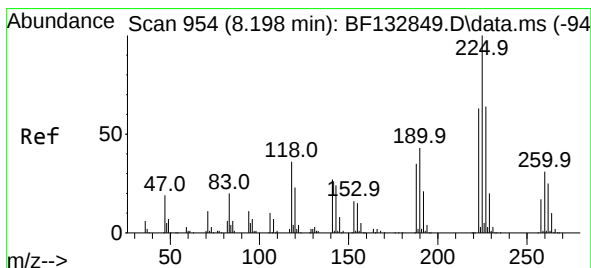
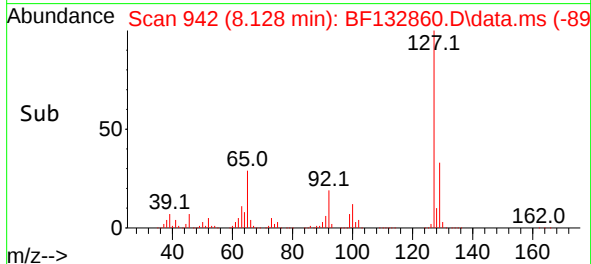
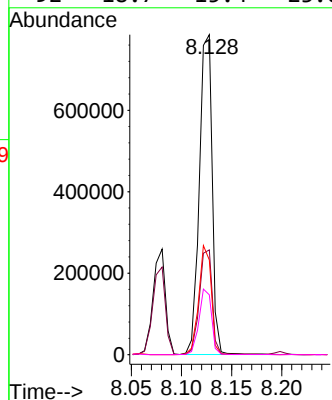
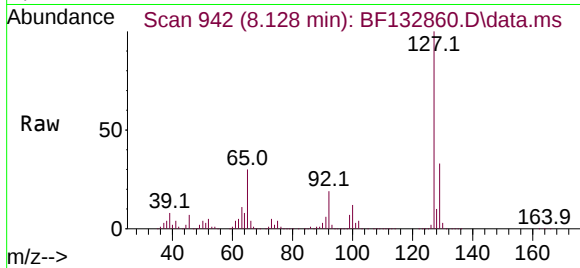
#33
4-Chloroaniline
Concen: 40.628 ng
RT: 8.128 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 697788
Ion Ratio Lower Upper
127 100
129 32.7 26.5 39.7
65 29.6 24.7 37.1
92 18.7 15.4 23.0

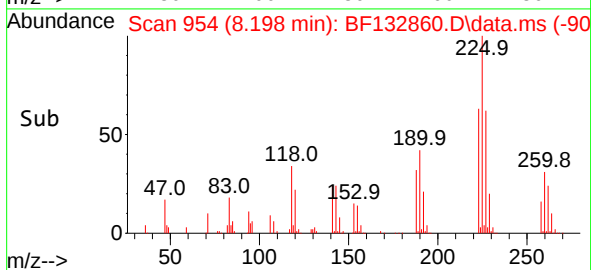
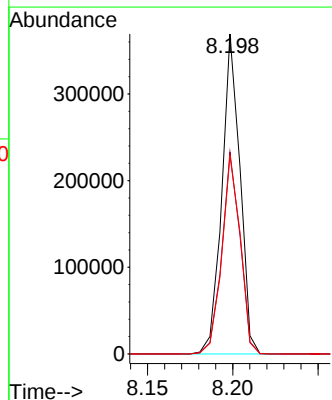
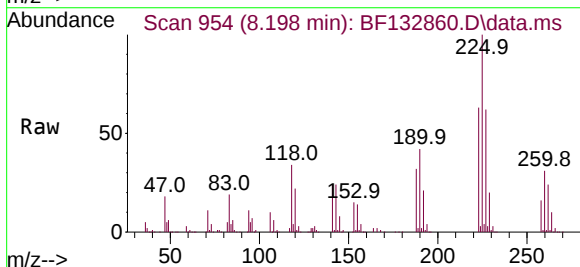
Manual Integrations
APPROVED

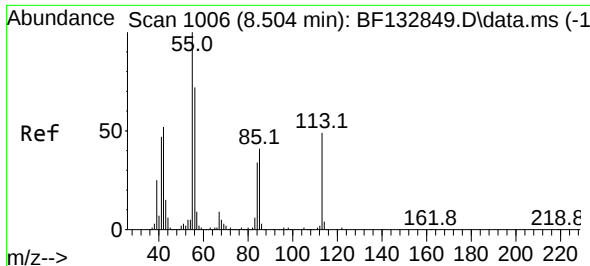
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#34
Hexachlorobutadiene
Concen: 39.746 ng
RT: 8.198 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

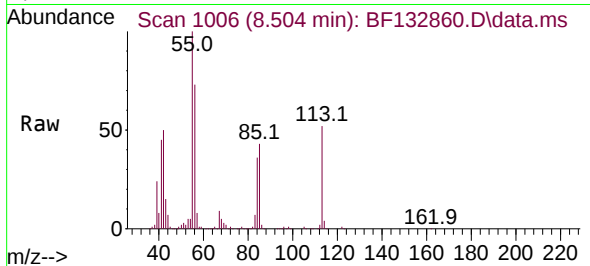
Tgt Ion:225 Resp: 271146
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 62.0 51.1 76.7





#35
Caprolactam
Concen: 44.858 ng
RT: 8.504 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

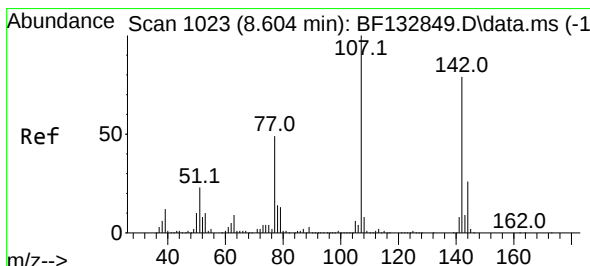
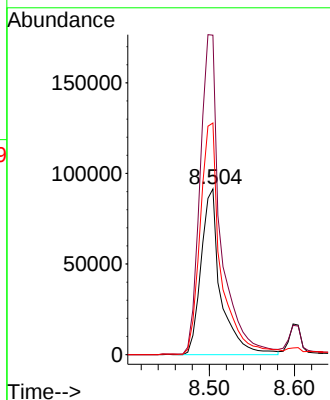
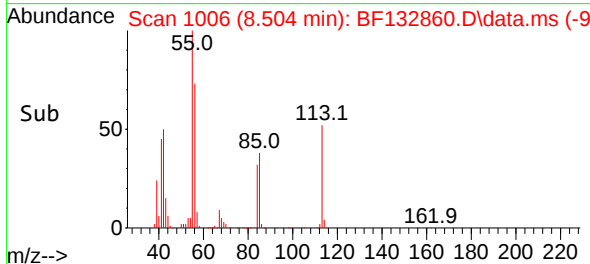
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 146325
Ion Ratio Lower Upper
113 100
55 192.7 183.9 223.9
56 139.7 127.6 167.6

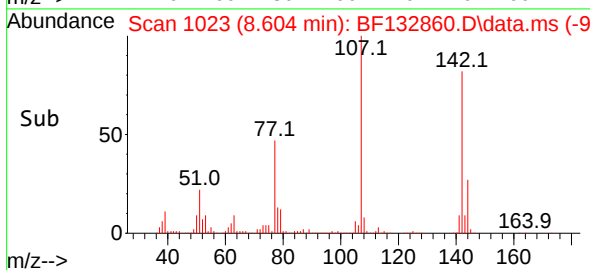
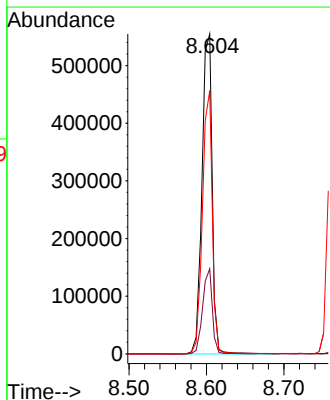
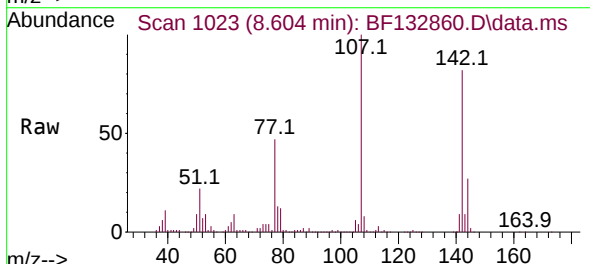
Manual Integrations
APPROVED

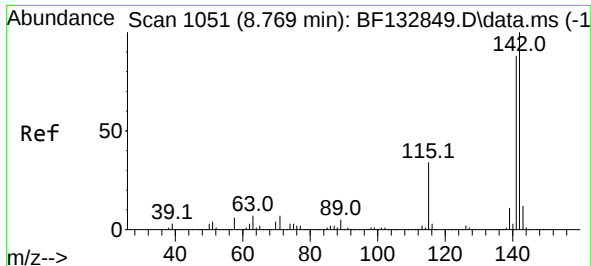
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#36
4-Chloro-3-methylphenol
Concen: 41.857 ng
RT: 8.604 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Tgt Ion:107 Resp: 506819
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.4
142 82.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 39.005 ng

RT: 8.769 min Scan# 1051

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 1127815

Ion Ratio Lower Upper

142 100

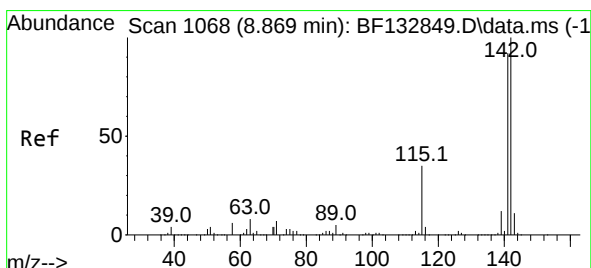
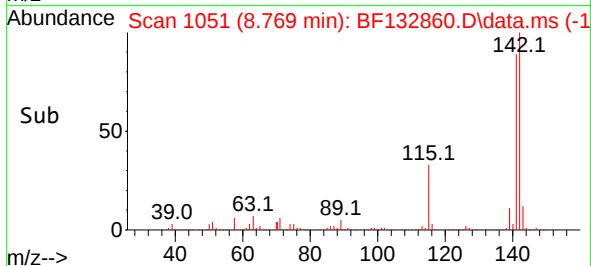
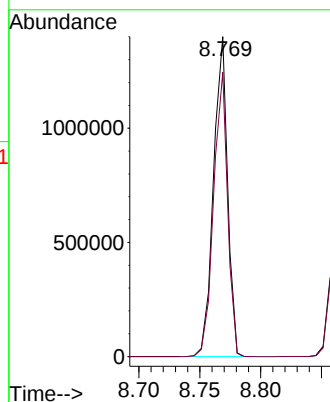
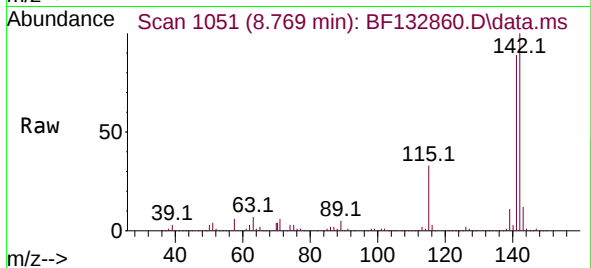
141 88.8 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#38

1-Methylnaphthalene

Concen: 39.143 ng

RT: 8.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: BF132860.D

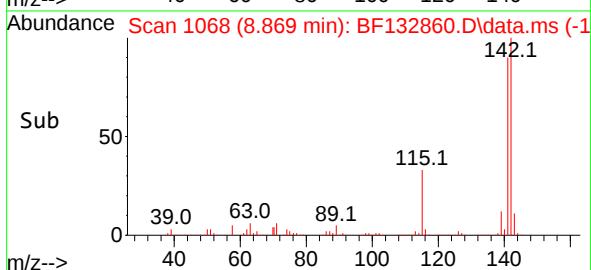
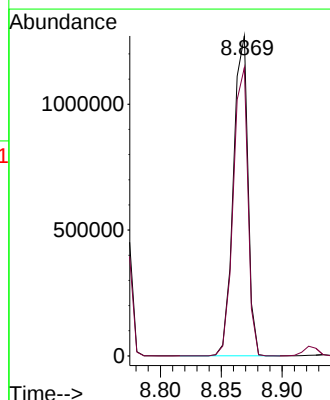
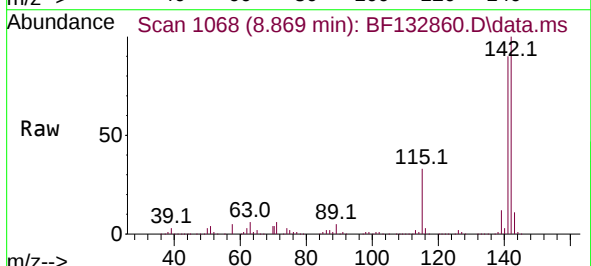
Acq: 11 Apr 2023 20:54

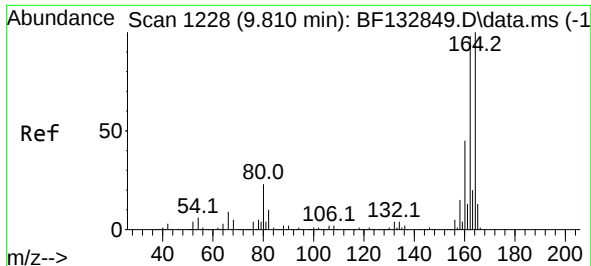
Tgt Ion:142 Resp: 1055638

Ion Ratio Lower Upper

142 100

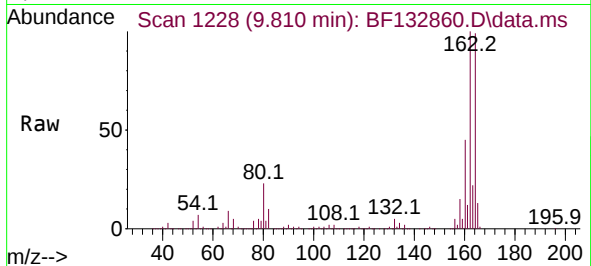
141 90.1 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

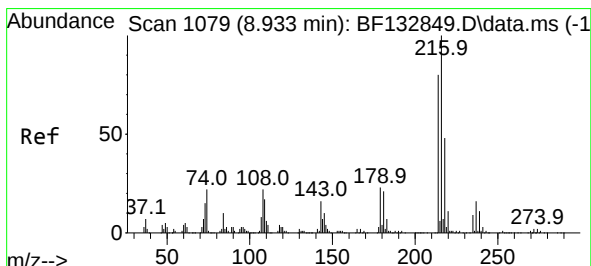
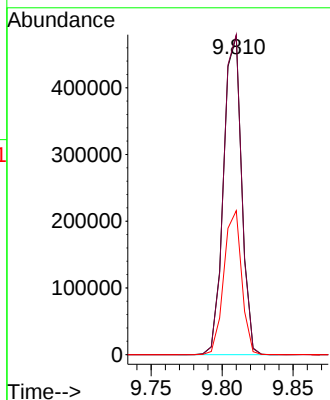
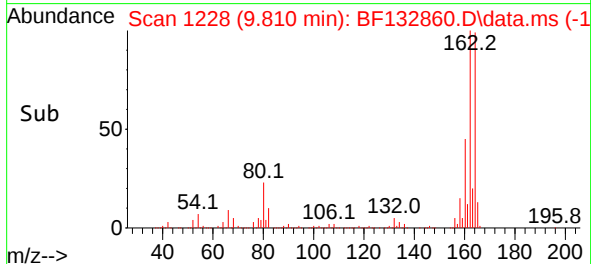
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



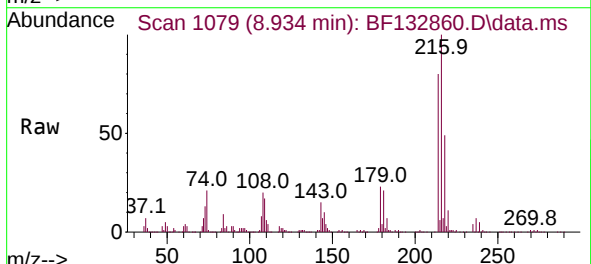
Tgt Ion:164 Resp: 423860
Ion Ratio Lower Upper
164 100
162 100.5 78.1 117.1
160 45.2 35.7 53.5

Manual Integrations
APPROVED

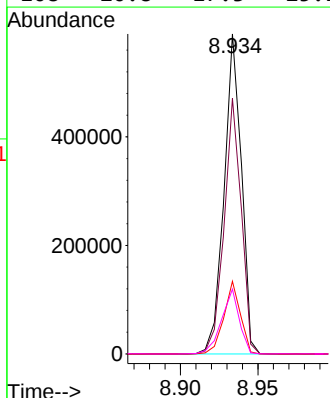
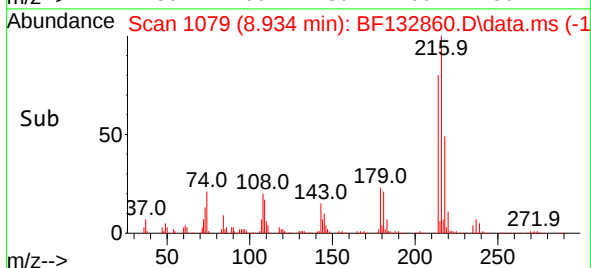
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

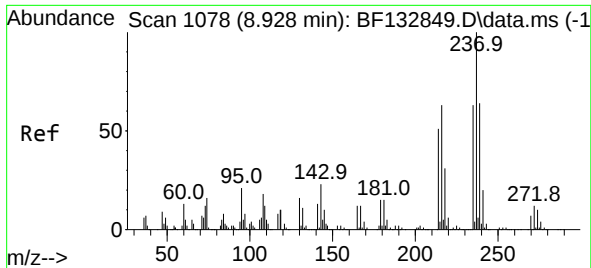


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.779 ng
RT: 8.934 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



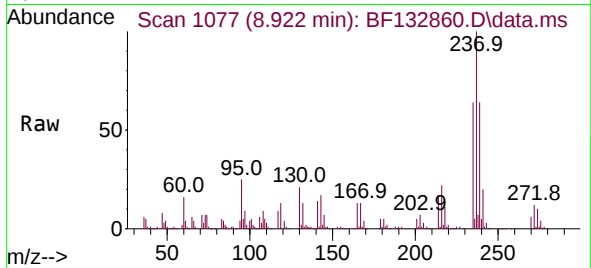
Tgt Ion:216 Resp: 458848
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 21.7 17.7 26.5
108 20.8 17.3 25.9





#41
Hexachlorocyclopentadiene
Concen: 36.879 ng
RT: 8.922 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

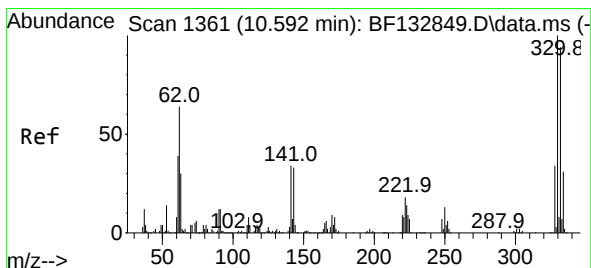
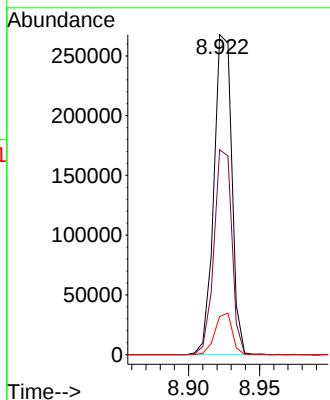
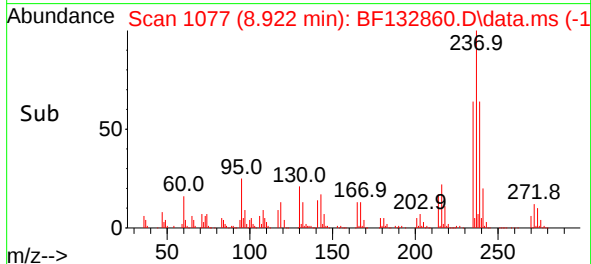
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



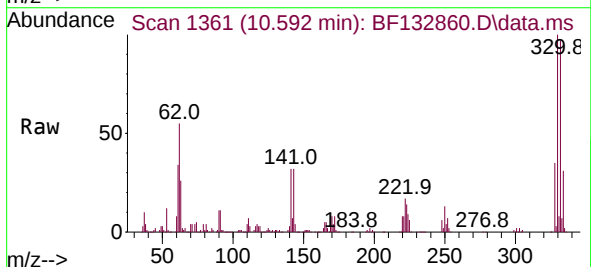
Tgt Ion: 237 Resp: 234910
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 11.9 0.0 32.4

Manual Integrations
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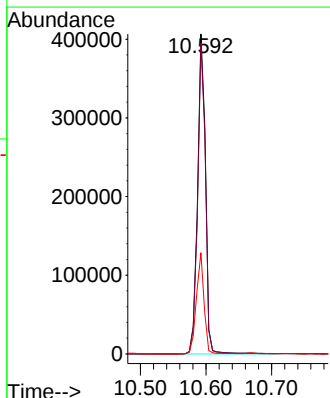
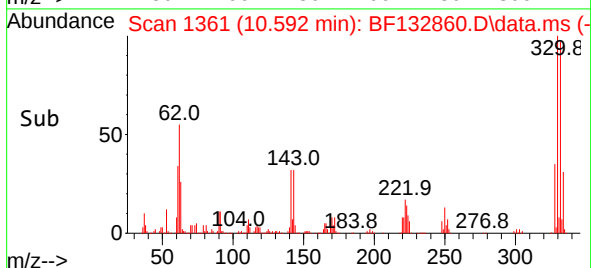
Reviewed By : Christian Giraldo 04/12/2023
Supervised By : Jagrut Upadhyay 04/12/2023

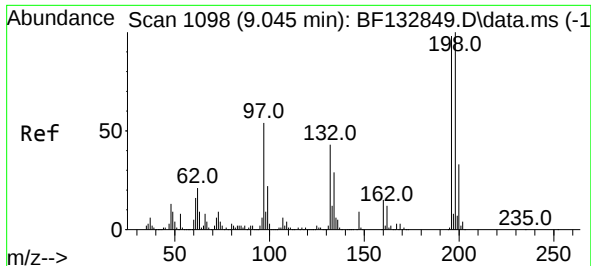


#42
2,4,6-Tribromophenol
Concen: 89.893 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



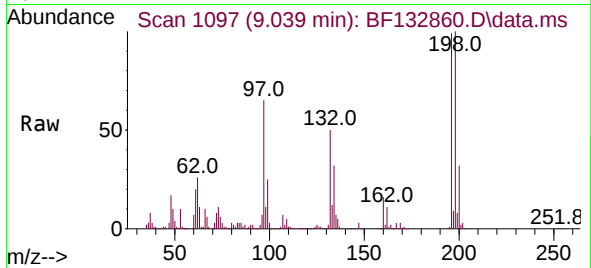
Tgt Ion: 330 Resp: 338622
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 31.0 25.9 38.9





#43
2,4,6-Trichlorophenol
Concen: 41.168 ng
RT: 9.039 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

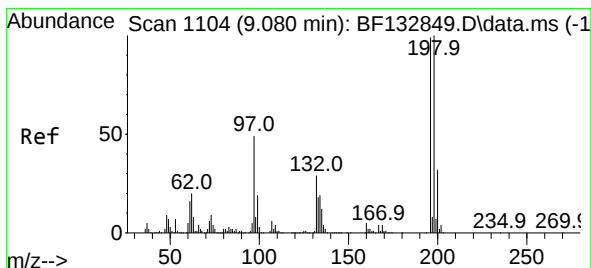
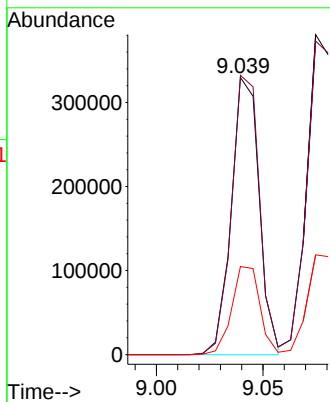
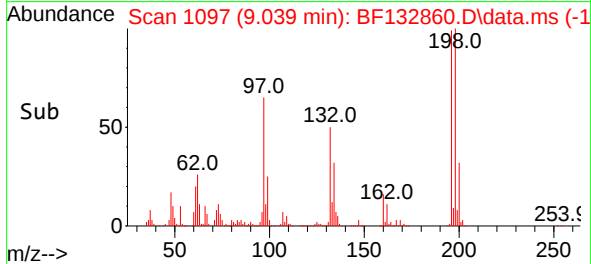
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



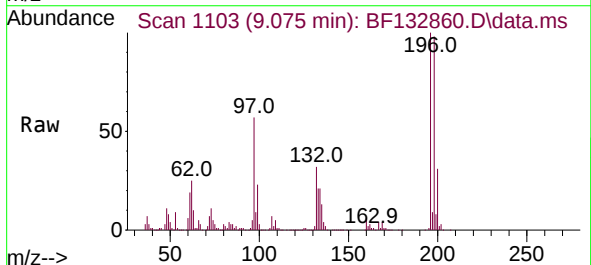
Tgt Ion:196 Resp: 29924
Ion Ratio Lower Upper
196 100
198 100.8 81.4 122.0
200 31.8 26.7 40.1

Manual Integrations
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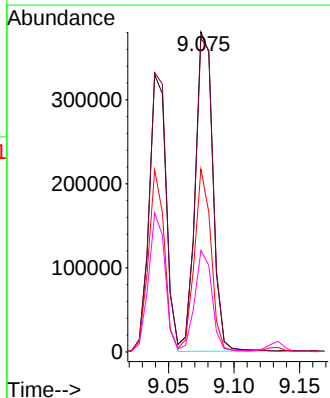
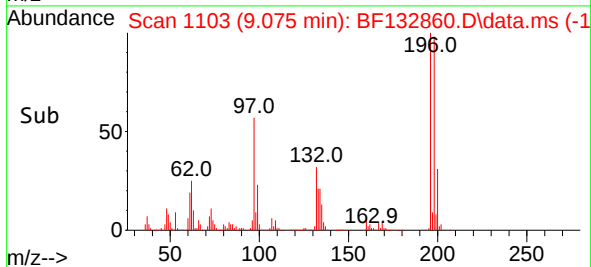
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

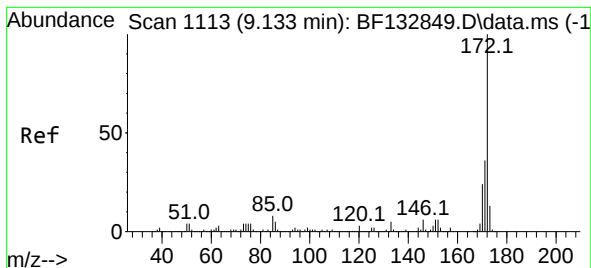


#44
2,4,5-Trichlorophenol
Concen: 41.062 ng
RT: 9.075 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



Tgt Ion:196 Resp: 352503
Ion Ratio Lower Upper
196 100
198 98.0 80.6 121.0
97 57.1 39.4 59.2
132 31.7 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 78.026 ng

RT: 9.134 min Scan# 1113

Delta R.T. 0.001 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 2090609

Ion Ratio Lower Upper

172 100

171 37.0 28.6 42.8

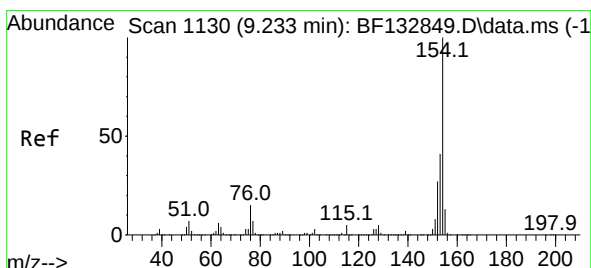
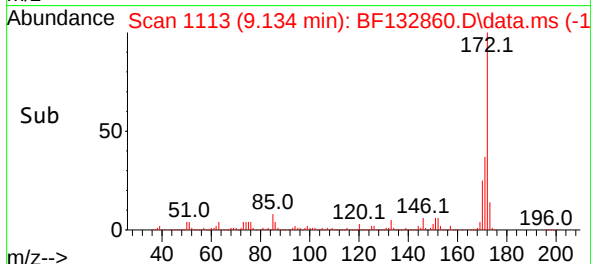
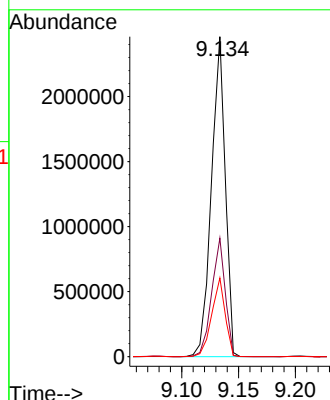
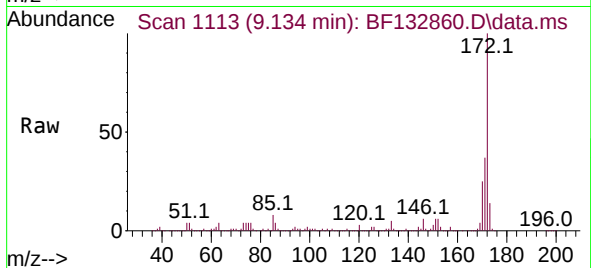
170 24.6 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#46

1,1'-Biphenyl

Concen: 38.189 ng

RT: 9.234 min Scan# 1130

Delta R.T. 0.001 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

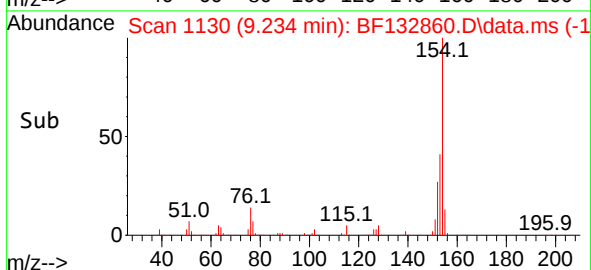
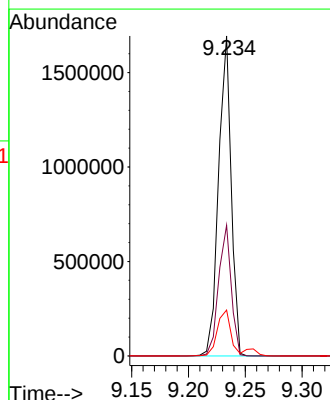
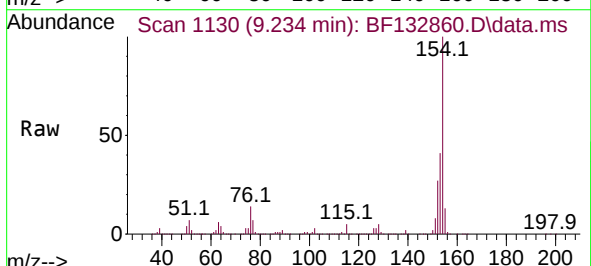
Tgt Ion:154 Resp: 1304618

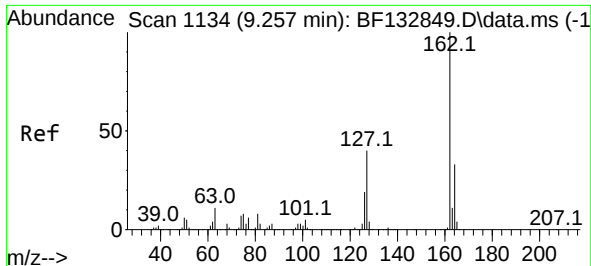
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

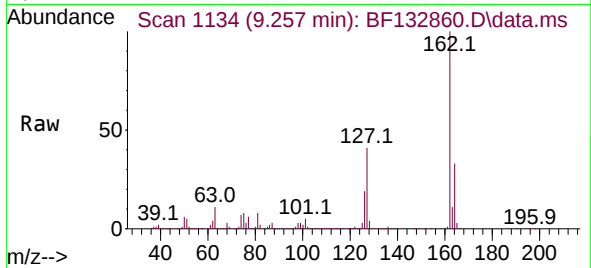
76 14.3 0.0 34.8





#47
2-Chloronaphthalene
Concen: 39.081 ng
RT: 9.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

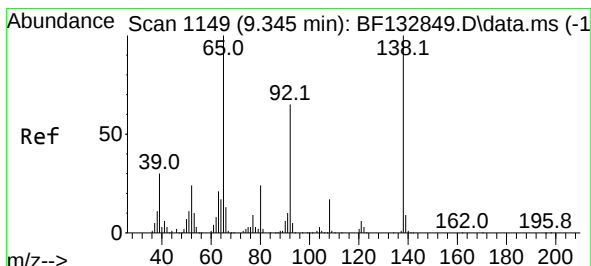
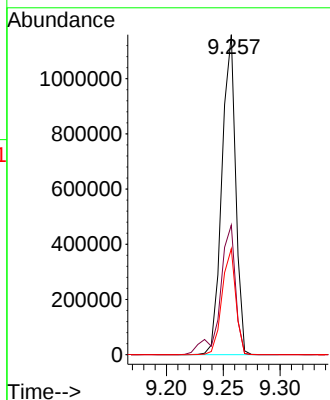
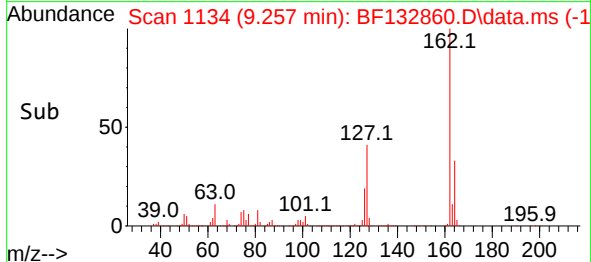
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



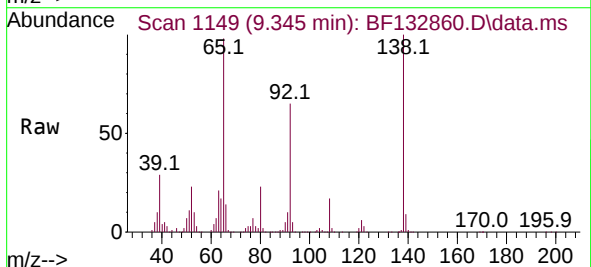
Tgt Ion: 162 Resp: 977335
Ion Ratio Lower Upper
162 100
127 40.5 32.1 48.1
164 33.1 26.6 40.0

Manual Integrations
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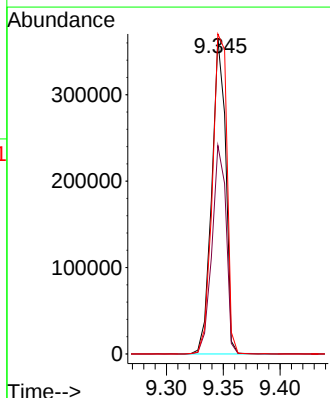
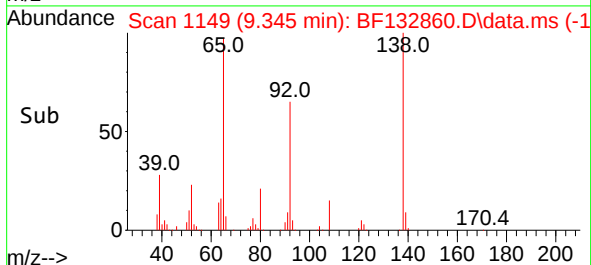
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

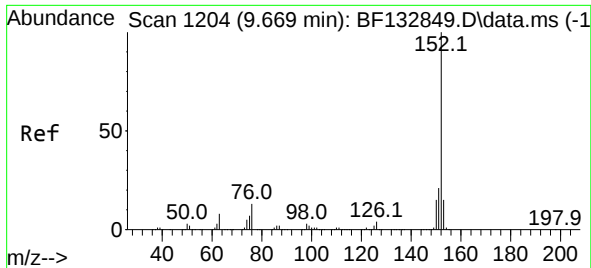


#48
2-Nitroaniline
Concen: 42.093 ng
RT: 9.345 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



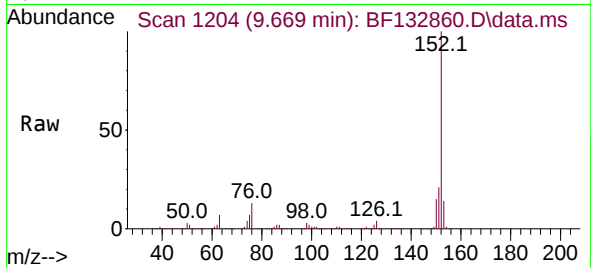
Tgt Ion: 65 Resp: 310338
Ion Ratio Lower Upper
65 100
92 66.2 52.2 78.2
138 101.7 80.3 120.5





#49
Acenaphthylene
Concen: 39.590 ng
RT: 9.669 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

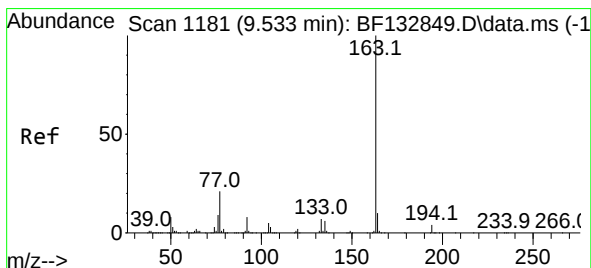
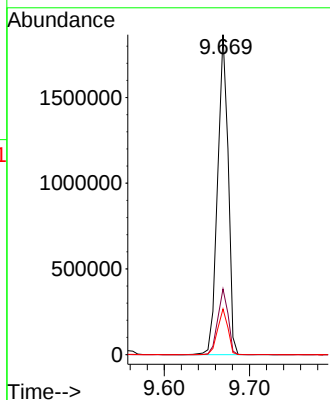
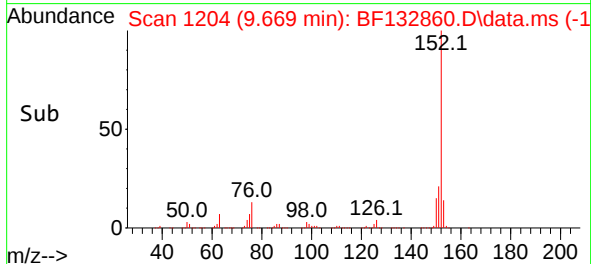
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



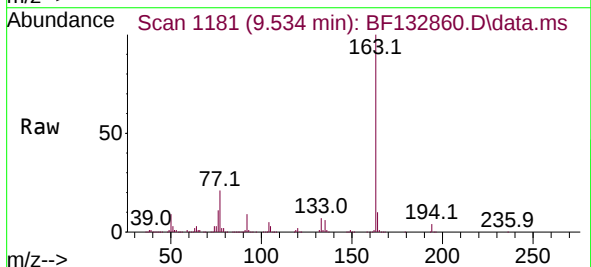
Tgt Ion:152 Resp: 1600505
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 14.3 11.7 17.5

Manual Integrations
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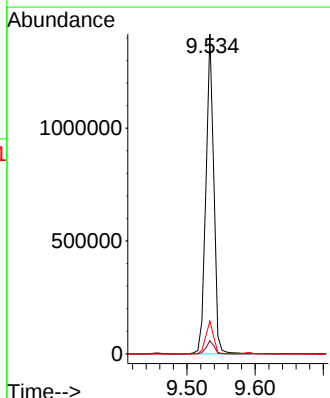
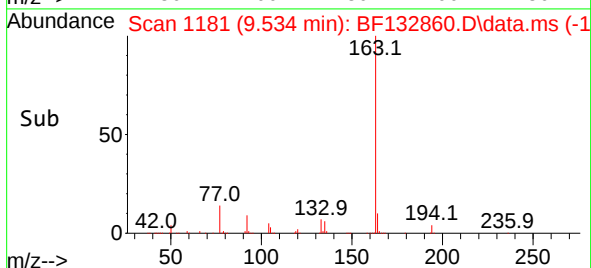
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

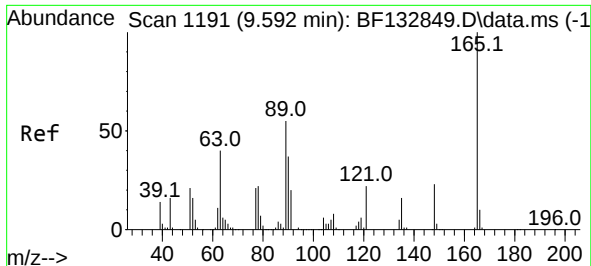


#50
Dimethylphthalate
Concen: 41.489 ng
RT: 9.534 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



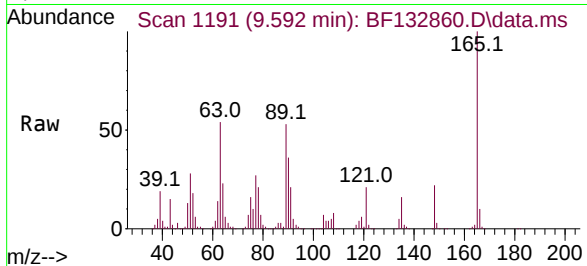
Tgt Ion:163 Resp: 1135571
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.073 ng
RT: 9.592 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

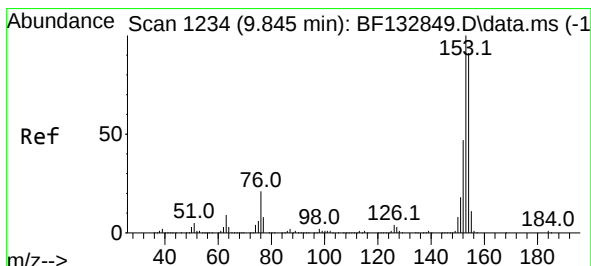
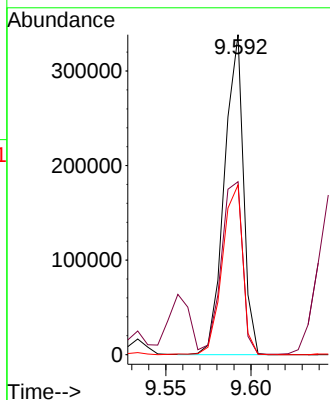
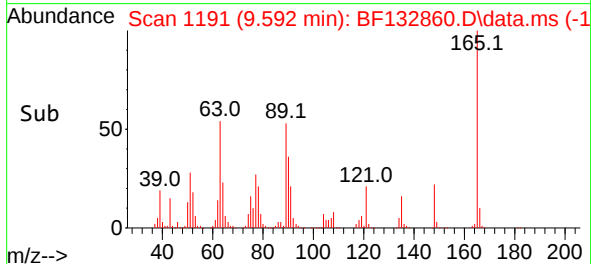
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 262711
Ion Ratio Lower Upper
165 100
63 54.0 46.7 70.1
89 53.0 44.1 66.1

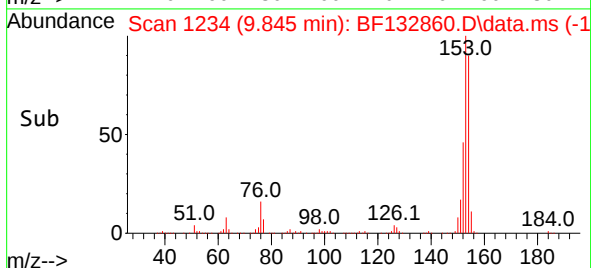
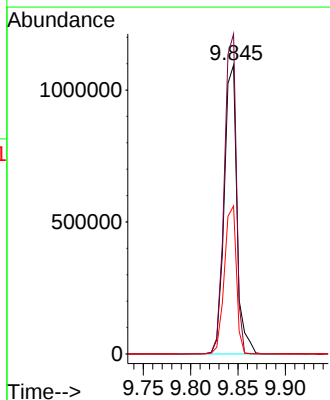
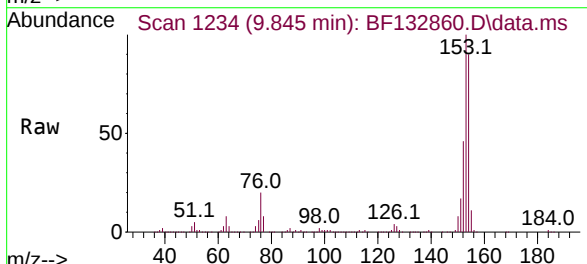
Manual Integrations
APPROVED

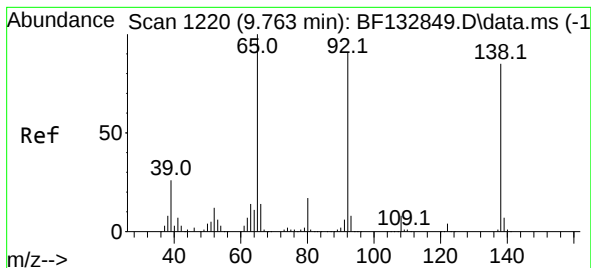
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#52
Acenaphthene
Concen: 39.340 ng
RT: 9.845 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Tgt Ion:154 Resp: 1021926
Ion Ratio Lower Upper
154 100
153 110.9 88.2 132.2
152 51.3 41.6 62.4





#53

3-Nitroaniline

Concen: 43.435 ng

RT: 9.757 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

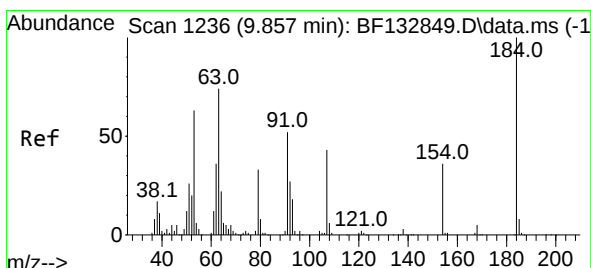
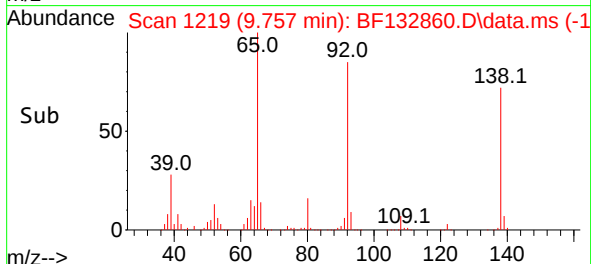
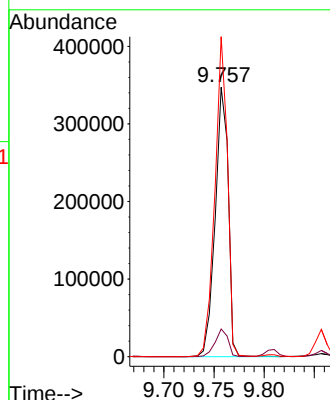
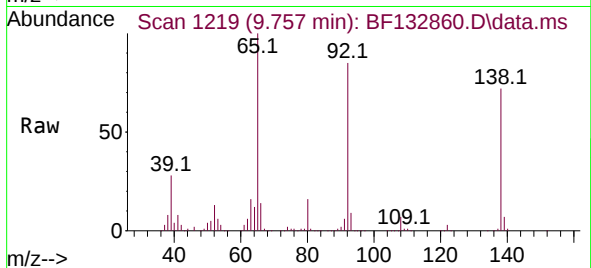
SSTDCCC040EC

Tgt Ion:138 Resp: 313758
 Ion Ratio Lower Upper
 138 100
 108 10.2 7.2 10.8
 92 118.8 85.4 128.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023



#54

2,4-Dinitrophenol

Concen: 40.309 ng

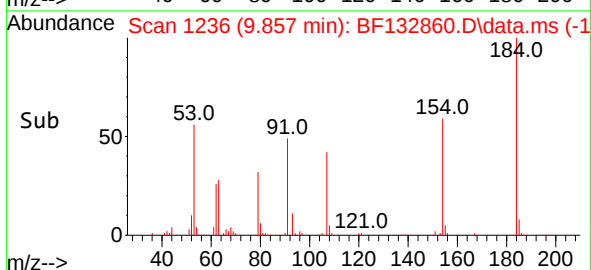
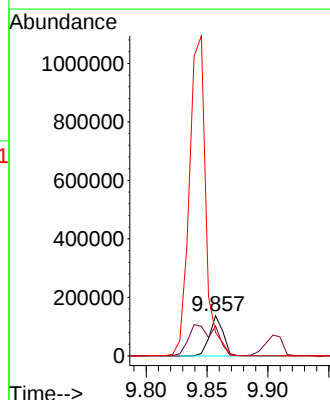
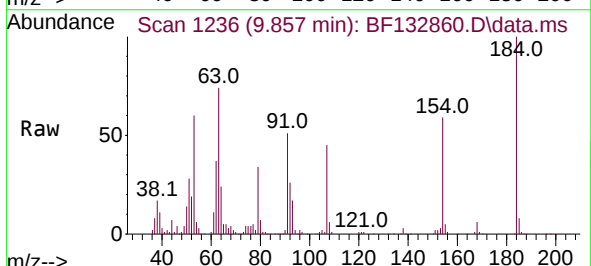
RT: 9.857 min Scan# 1236

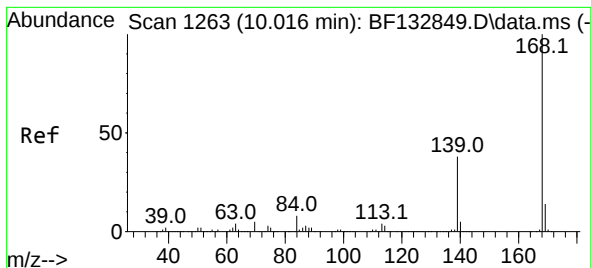
Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Tgt Ion:184 Resp: 106384
 Ion Ratio Lower Upper
 184 100
 63 74.2 62.8 94.2
 154 58.6 51.7 77.5





#55

Dibenzenofuran

Concen: 39.260 ng

RT: 10.016 min Scan# 1263

Delta R.T. 0.000 min

Lab File: BF132860.D

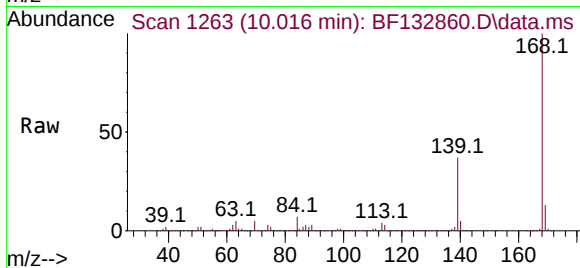
Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:168 Resp: 1445586

Ion Ratio Lower Upper

168 100

139 36.7 30.1 45.1

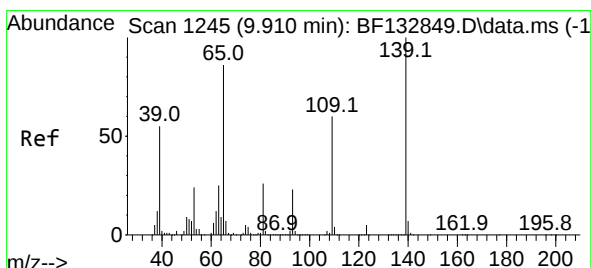
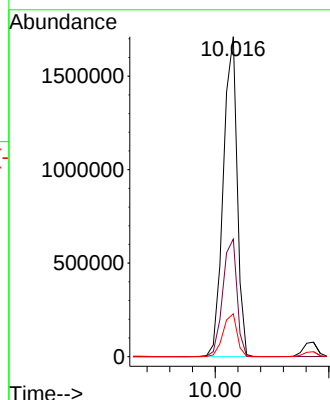
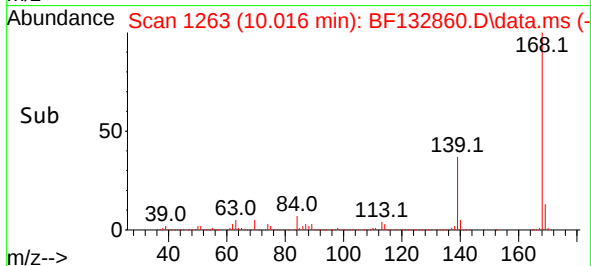
169 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#56

4-Nitrophenol

Concen: 43.424 ng

RT: 9.910 min Scan# 1245

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

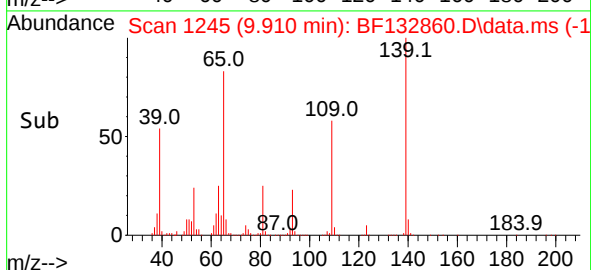
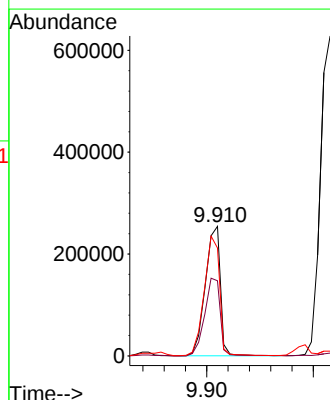
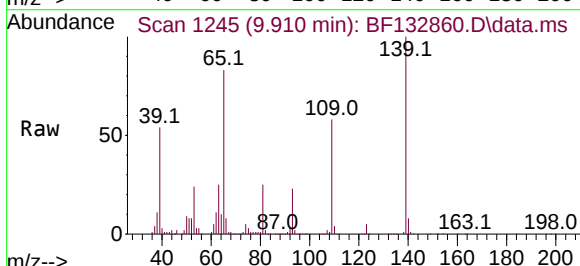
Tgt Ion:139 Resp: 247244

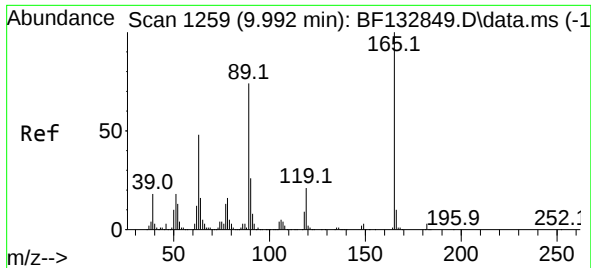
Ion Ratio Lower Upper

139 100

109 58.1 39.7 79.7

65 83.3 66.3 106.3





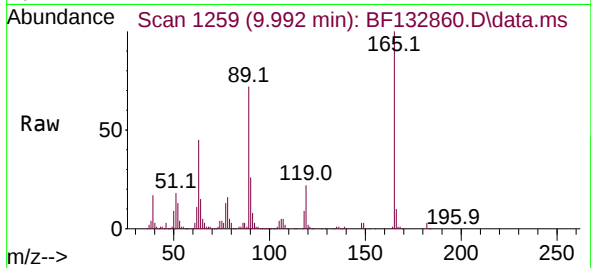
#57
2,4-Dinitrotoluene
Concen: 43.413 ng
RT: 9.992 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

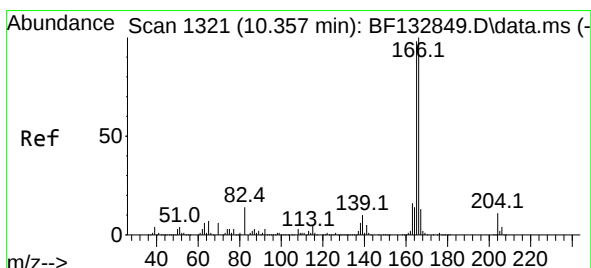
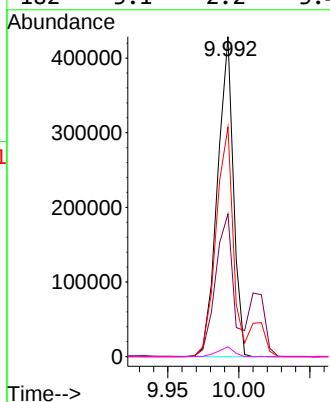
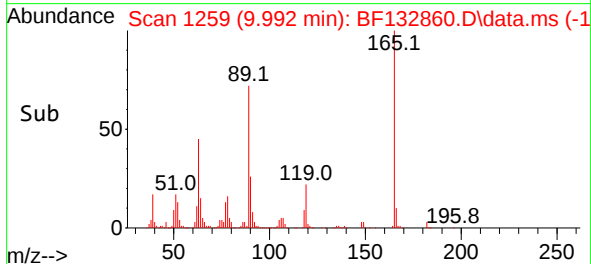


Tgt Ion:165 Resp: 336788
Ion Ratio Lower Upper
165 100
63 44.6 38.1 57.1
89 71.7 59.2 88.8
182 3.1 2.2 3.4

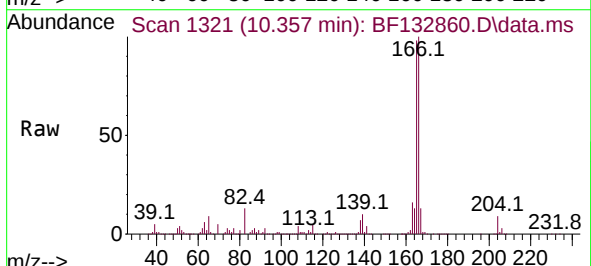
Manual Integrations

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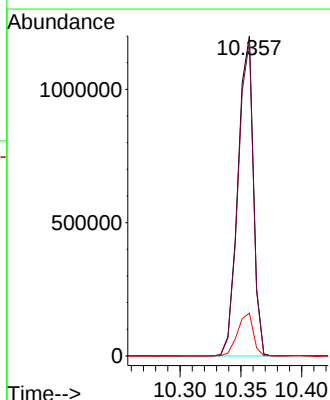
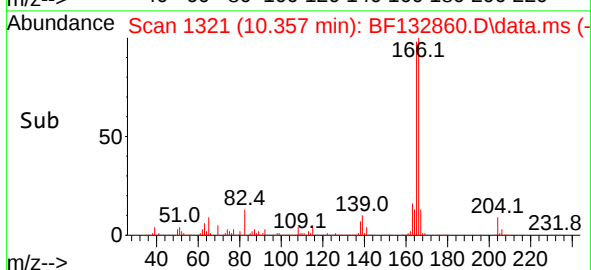
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

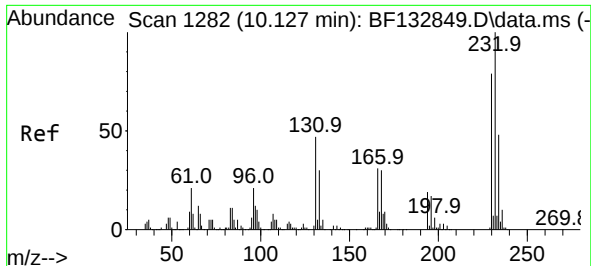


#58
Fluorene
Concen: 38.868 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



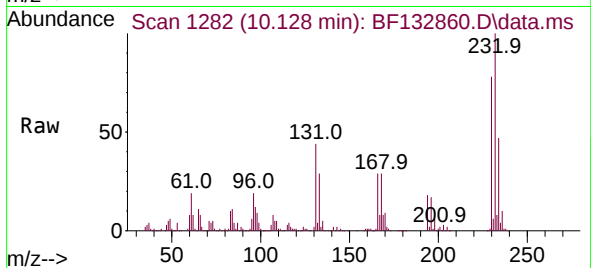
Tgt Ion:166 Resp: 1055627
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.067 ng
RT: 10.128 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

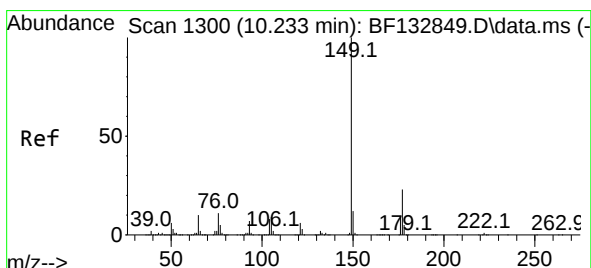
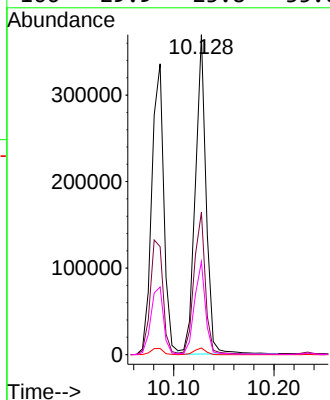
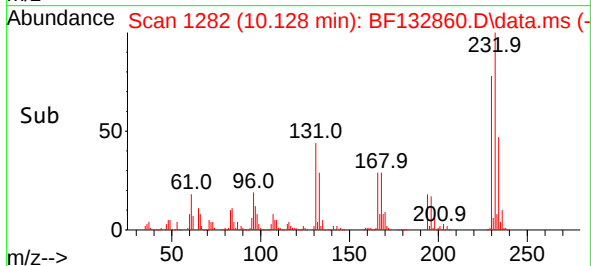
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 275028
Ion Ratio Lower Upper
232 100
131 46.9 37.8 56.8
130 2.2 1.8 2.8
166 29.9 23.8 35.6

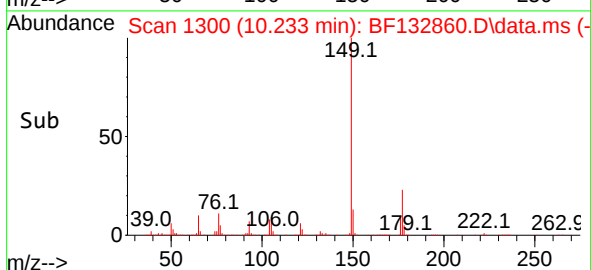
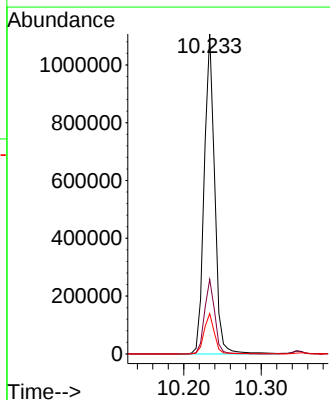
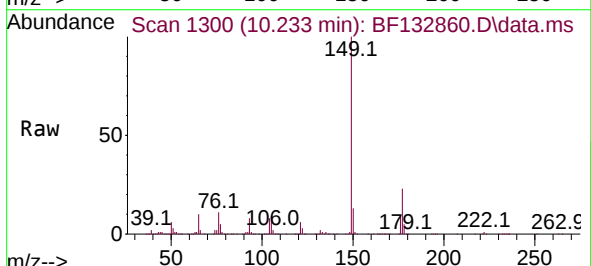
Manual Integrations
APPROVED

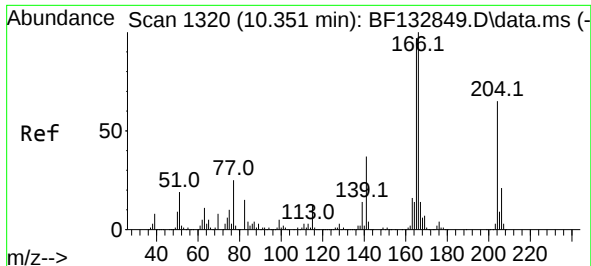
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#60
Diethylphthalate
Concen: 44.605 ng
RT: 10.233 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Tgt Ion:149 Resp: 1037676
Ion Ratio Lower Upper
149 100
177 23.3 18.5 27.7
150 12.6 9.9 14.9





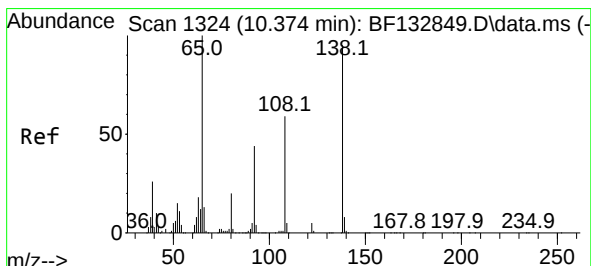
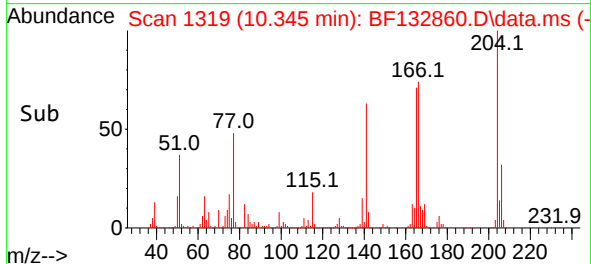
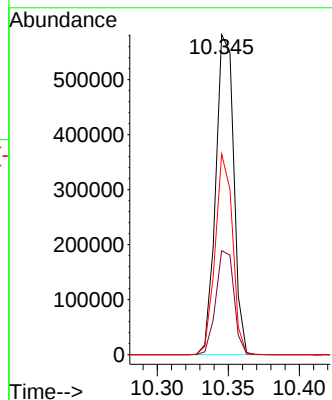
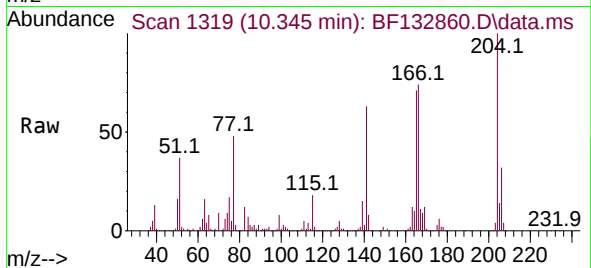
#61
4-Chlorophenyl-phenylether
Concen: 39.776 ng
RT: 10.345 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 51395
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 62.8 45.3 67.9

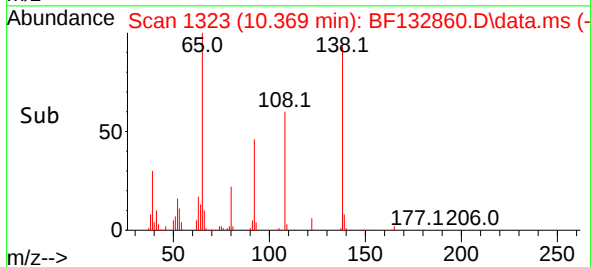
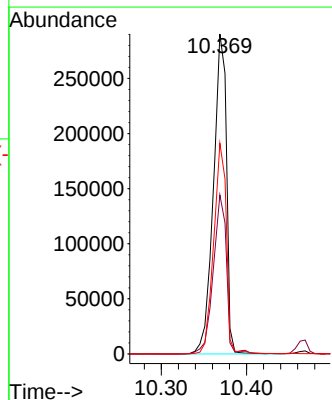
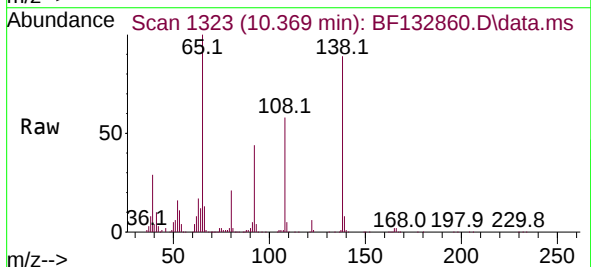
Manual Integrations
APPROVED

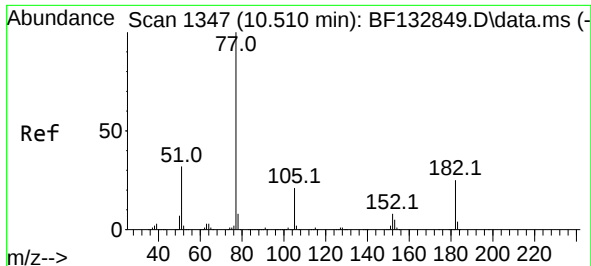
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#62
4-Nitroaniline
Concen: 44.806 ng
RT: 10.369 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

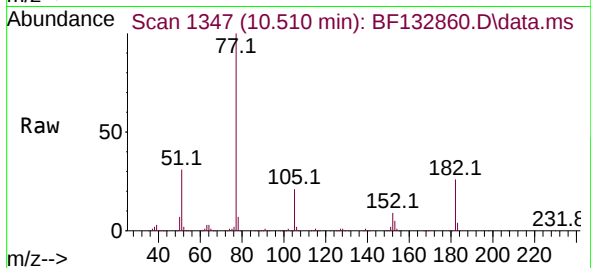
Tgt Ion:138 Resp: 309135
Ion Ratio Lower Upper
138 100
92 49.7 26.7 66.7
108 65.8 42.0 82.0





#63
Azobenzene
Concen: 39.602 ng
RT: 10.510 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

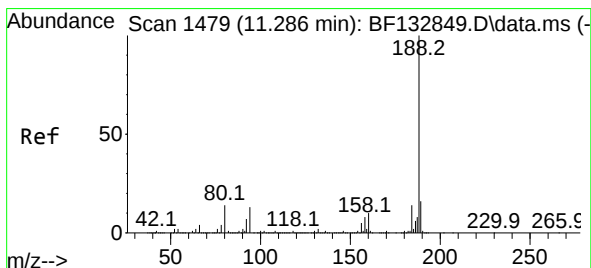
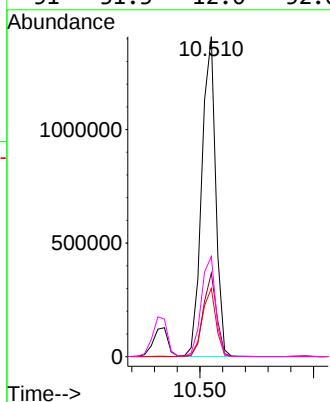
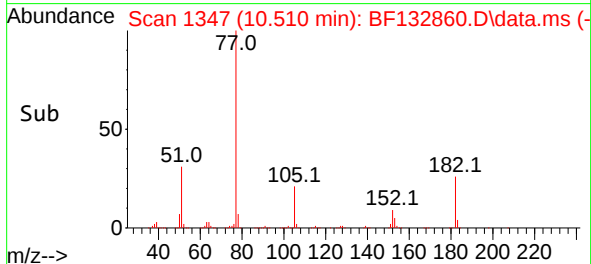
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 1200134
Ion Ratio Lower Upper
77 100
182 26.1 5.1 45.1
105 21.3 0.9 40.9
51 31.3 12.0 52.0

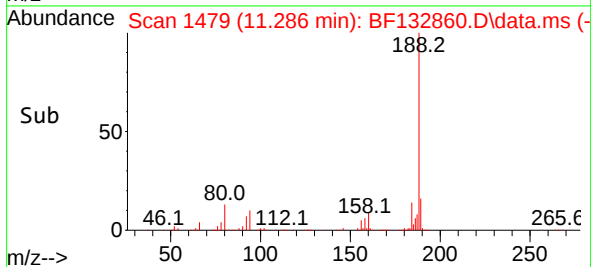
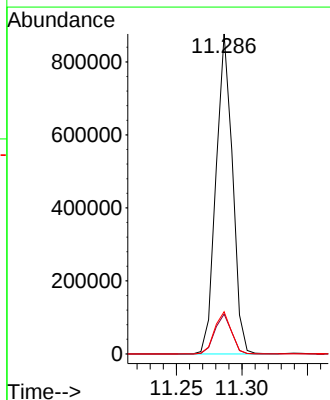
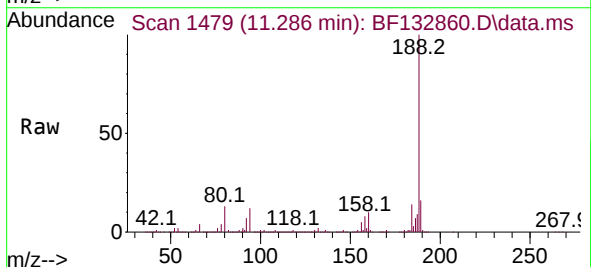
Manual Integrations
APPROVED

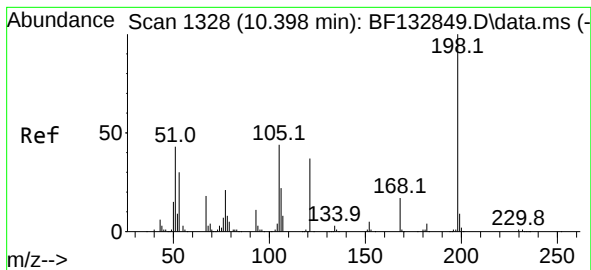
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

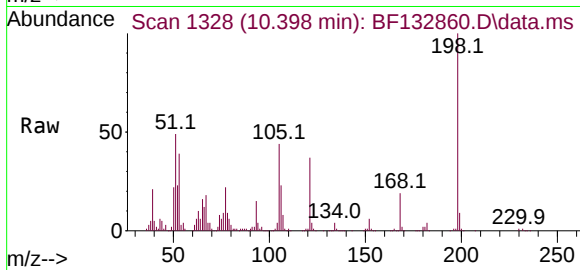
Tgt Ion:188 Resp: 767176
Ion Ratio Lower Upper
188 100
94 12.4 10.8 16.2
80 13.2 10.9 16.3





#65
4,6-Dinitro-2-methylphenol
Concen: 40.351 ng
RT: 10.398 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

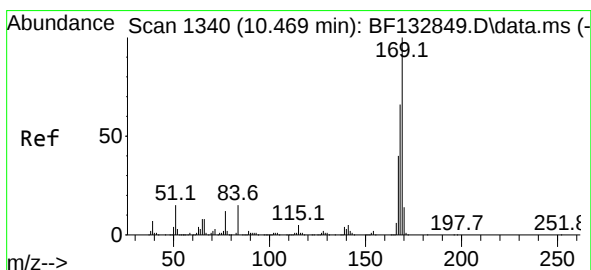
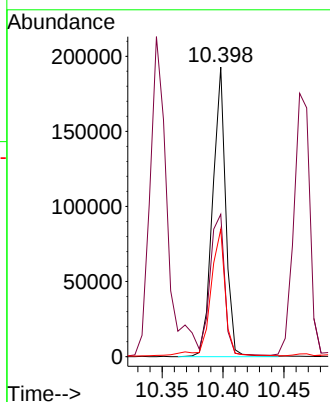
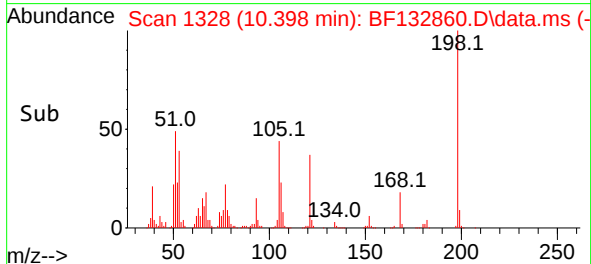
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:198 Resp: 145304
Ion Ratio Lower Upper
198 100
51 49.1 31.8 71.8
105 44.0 24.4 64.4

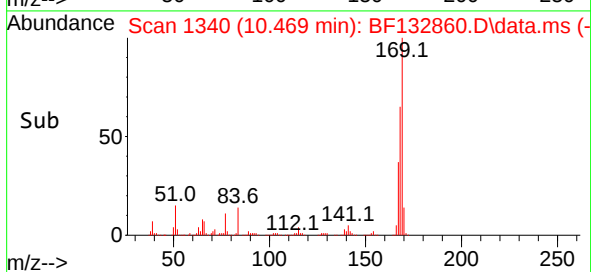
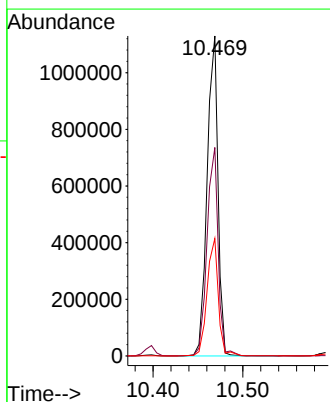
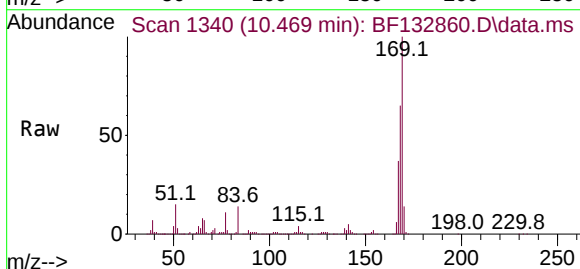
Manual Integrations
APPROVED

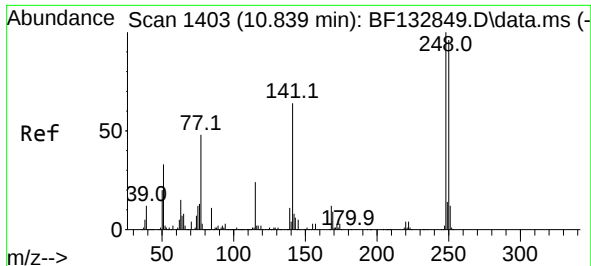
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#66
n-Nitrosodiphenylamine
Concen: 40.520 ng
RT: 10.469 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

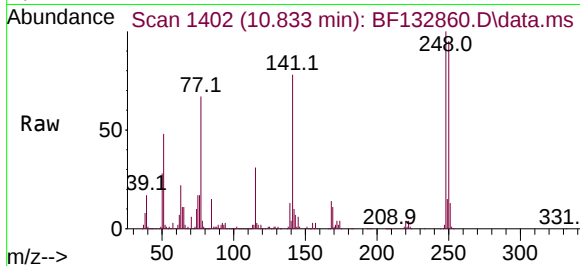
Tgt Ion:169 Resp: 948566
Ion Ratio Lower Upper
169 100
168 65.1 52.9 79.3
167 36.7 31.8 47.6





#67
4-Bromophenyl-phenylether
Concen: 40.150 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

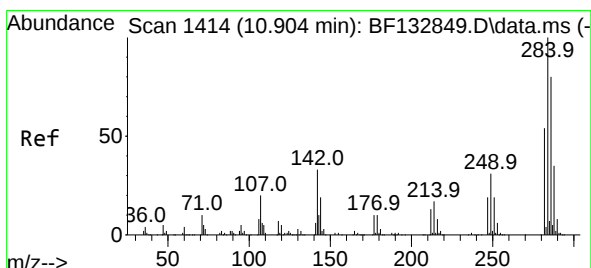
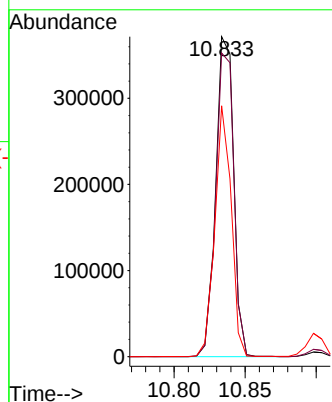
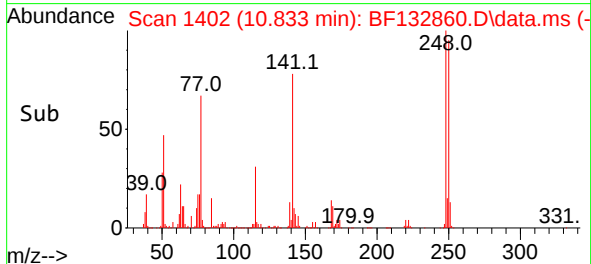
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



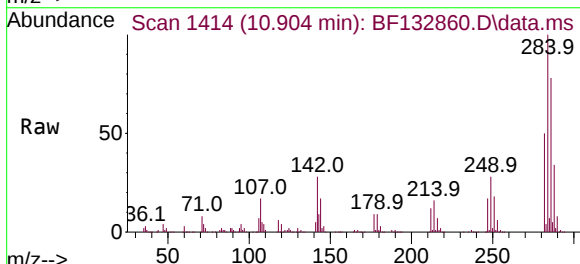
Tgt Ion:248 Resp: 32695
Ion Ratio Lower Upper
248 100
250 94.9 76.9 115.3
141 78.4 50.9 76.3

Manual Integrations
APPROVED

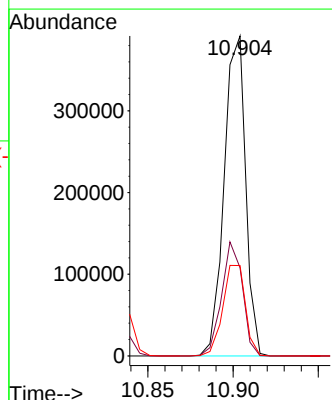
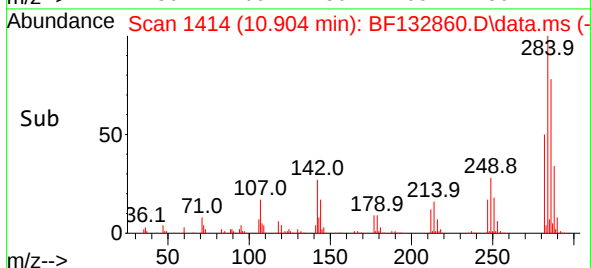
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

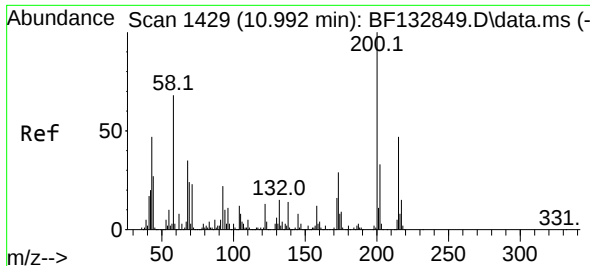


#68
Hexachlorobenzene
Concen: 40.662 ng
RT: 10.904 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



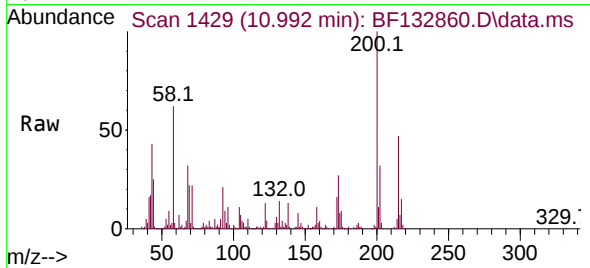
Tgt Ion:284 Resp: 342808
Ion Ratio Lower Upper
284 100
142 27.5 26.2 39.2
249 28.2 24.4 36.6





#69
 Atrazine
 Concen: 45.617 ng
 RT: 10.992 min Scan# 1429
 Delta R.T. 0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54

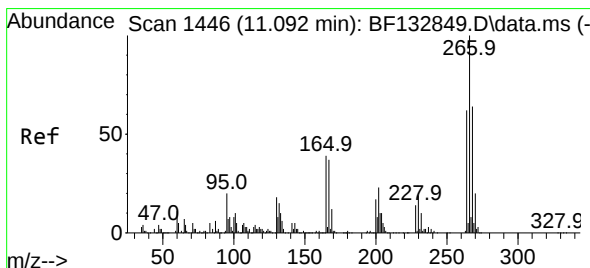
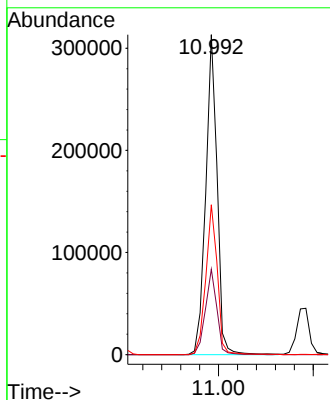
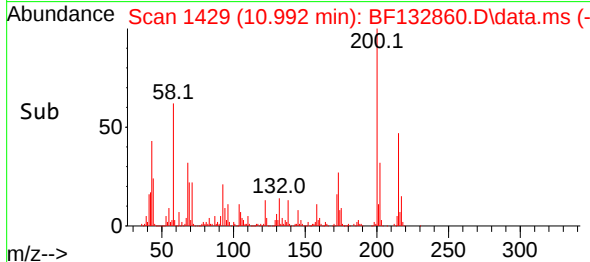
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



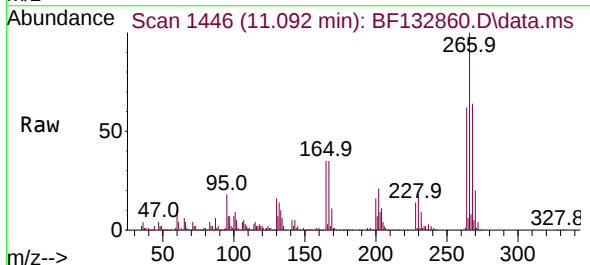
Tgt Ion:200 Resp: 261803
 Ion Ratio Lower Upper
 200 100
 173 26.7 8.7 48.7
 215 46.8 26.7 66.7

Manual Integrations
 APPROVED

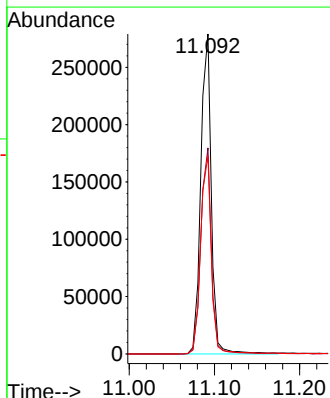
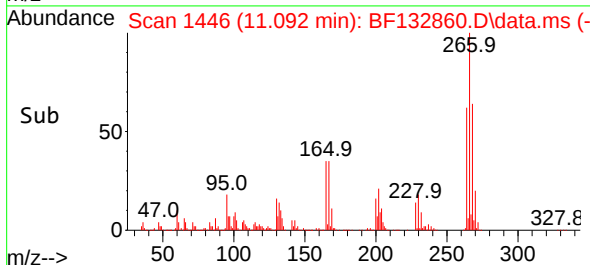
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

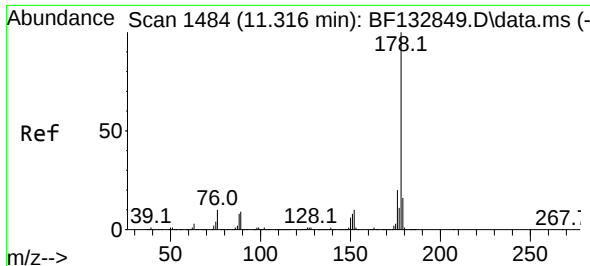


#70
 Pentachlorophenol
 Concen: 43.059 ng
 RT: 11.092 min Scan# 1446
 Delta R.T. 0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54



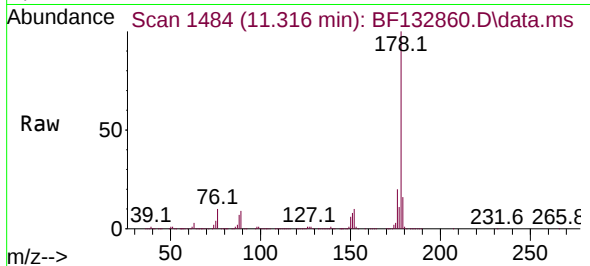
Tgt Ion:266 Resp: 239093
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.2 76.8
 264 61.9 49.8 74.8





#71
Phenanthrene
Concen: 38.240 ng
RT: 11.316 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

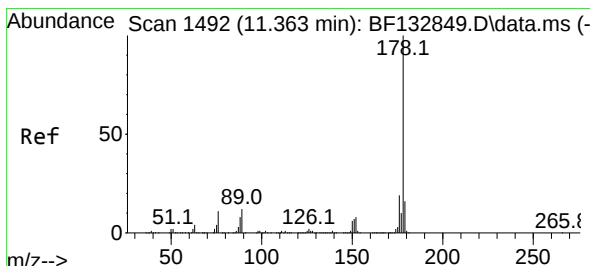
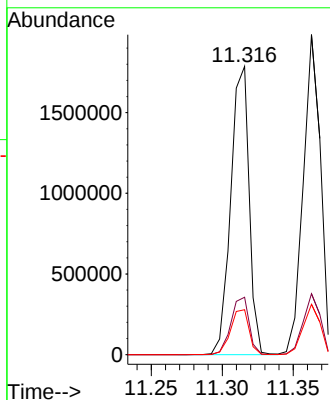
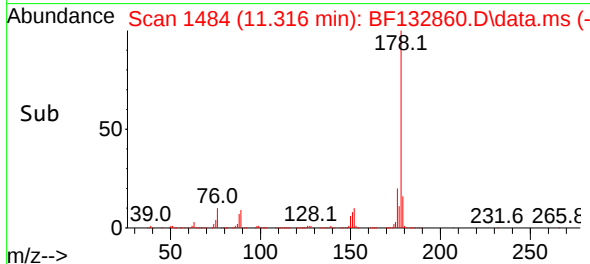
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



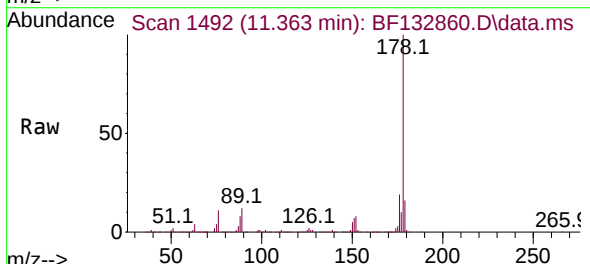
Tgt Ion:178 Resp: 1609034
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.6 12.6 18.8

Manual Integrations
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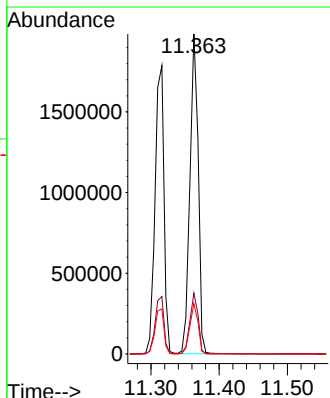
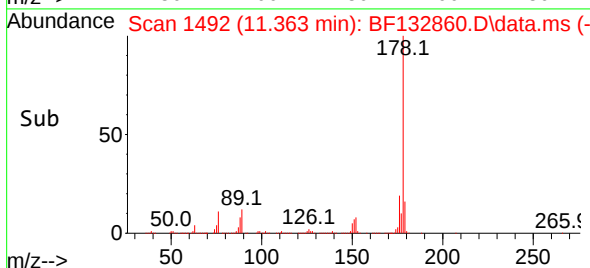
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

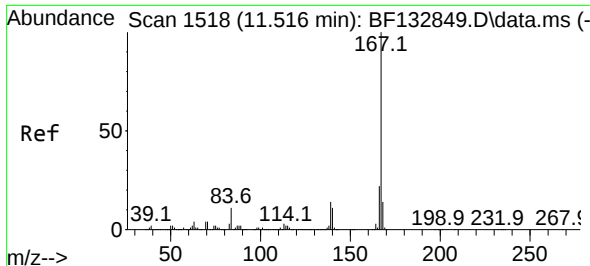


#72
Anthracene
Concen: 39.205 ng
RT: 11.363 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



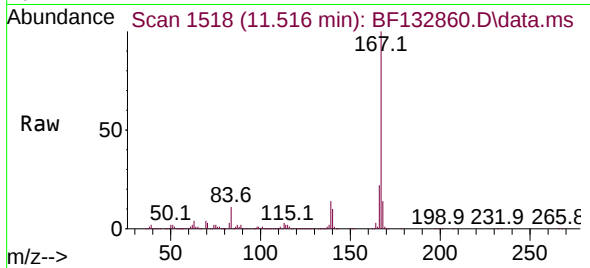
Tgt Ion:178 Resp: 1686466
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 39.649 ng
 RT: 11.516 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54

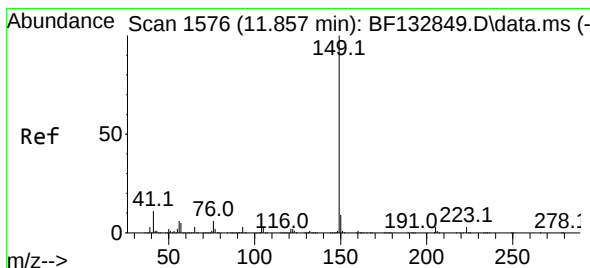
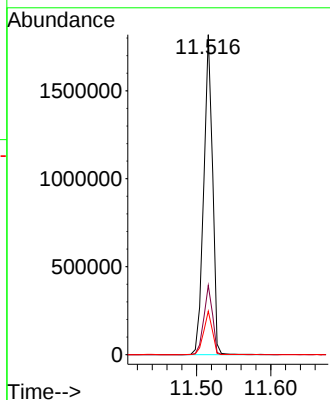
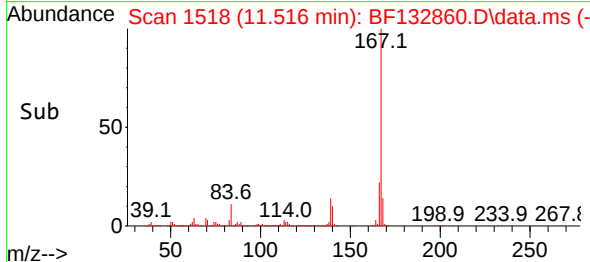
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



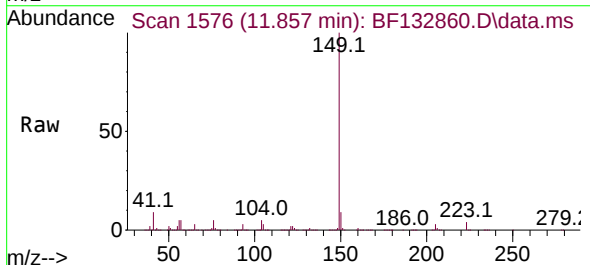
Tgt Ion:167 Resp: 1492069
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.6 11.1 16.7

Manual Integrations
 APPROVED

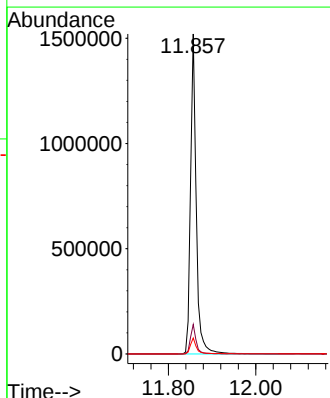
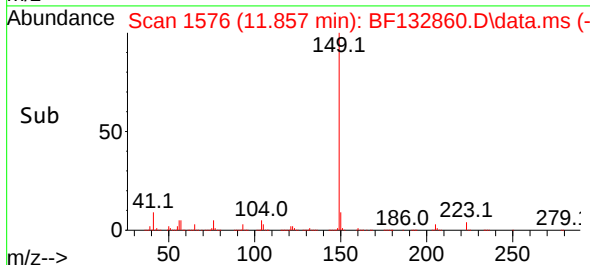
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

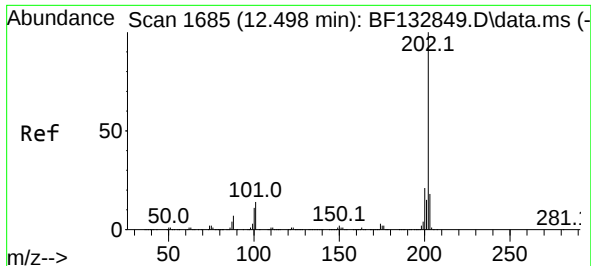


#74
 Di-n-butylphthalate
 Concen: 45.364 ng
 RT: 11.857 min Scan# 1576
 Delta R.T. -0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54



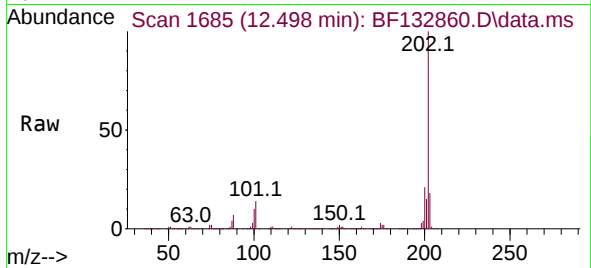
Tgt Ion:149 Resp: 1375859
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 40.401 ng
RT: 12.498 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

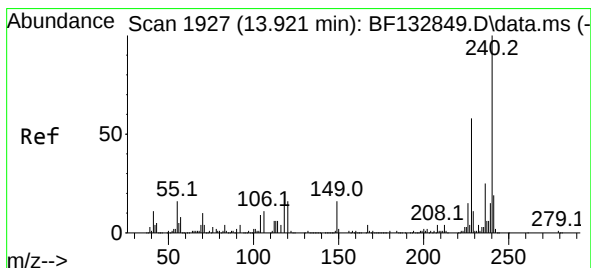
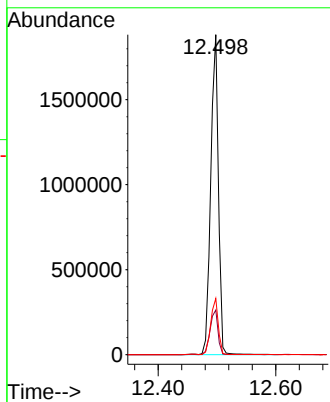
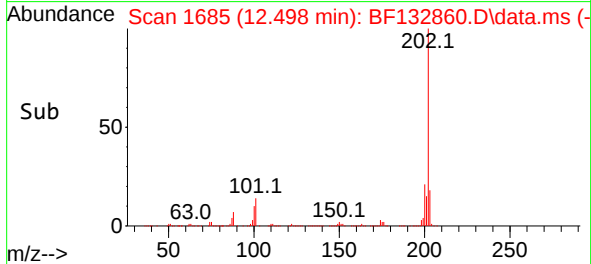
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



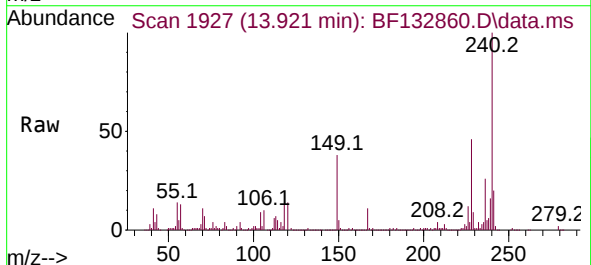
Tgt Ion:202 Resp: 1701950
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.2
203 17.5 0.0 37.8

Manual Integrations
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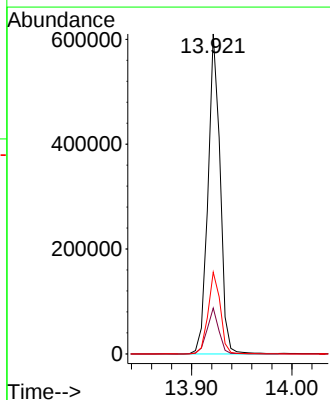
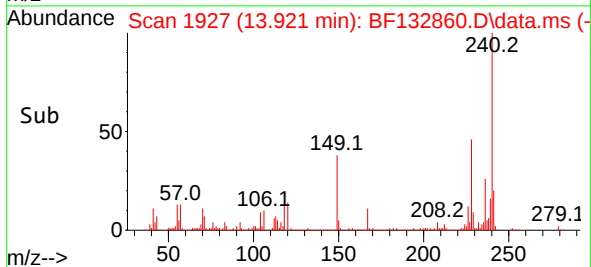
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

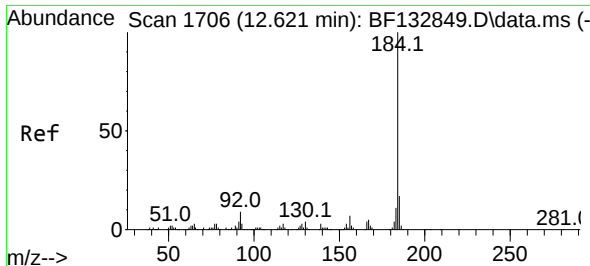


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



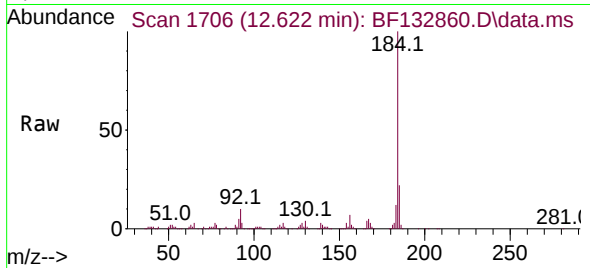
Tgt Ion:240 Resp: 510427
Ion Ratio Lower Upper
240 100
120 14.3 12.6 18.8
236 25.5 20.3 30.5





#77
Benzidine
Concen: 50.350 ng
RT: 12.622 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

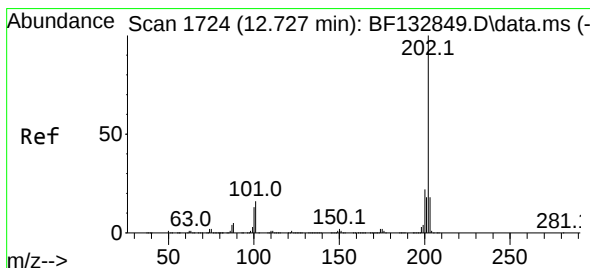
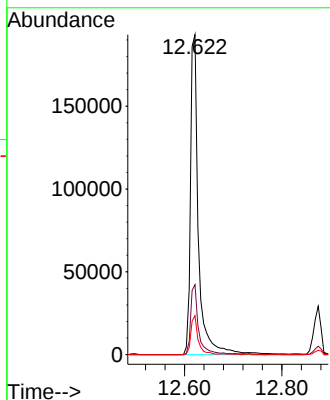
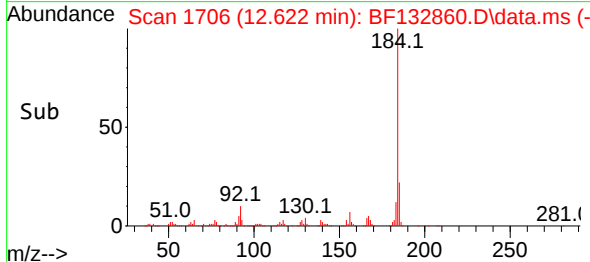
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



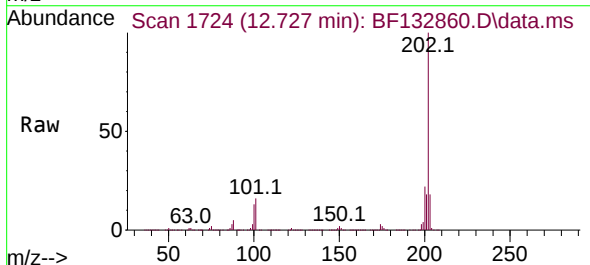
Tgt Ion:184 Resp: 219950
Ion Ratio Lower Upper
184 100
185 21.9 13.2 19.8
183 12.2 8.9 13.3

Manual Integrations
APPROVED

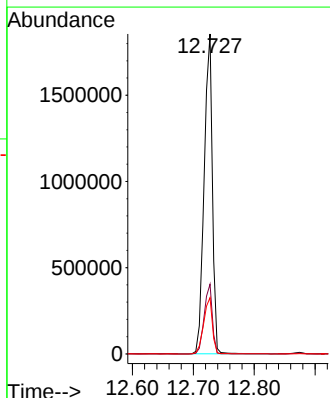
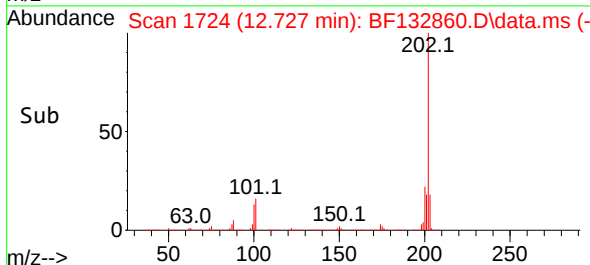
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

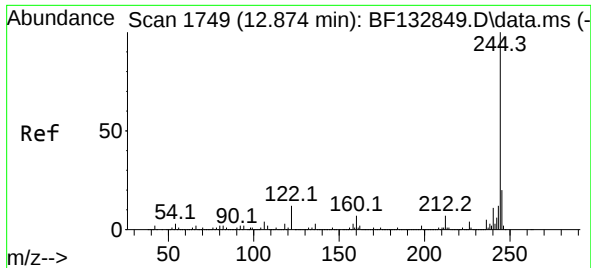


#78
Pyrene
Concen: 39.764 ng
RT: 12.727 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



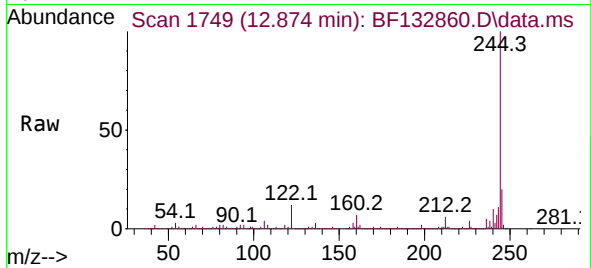
Tgt Ion:202 Resp: 1733734
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.0
203 17.6 14.2 21.4





#79
 Terphenyl-d14
 Concen: 80.049 ng
 RT: 12.874 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54

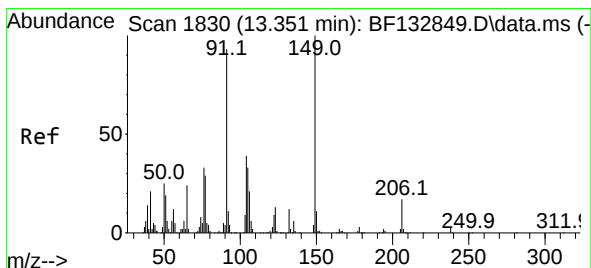
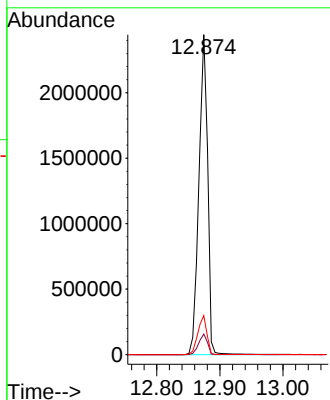
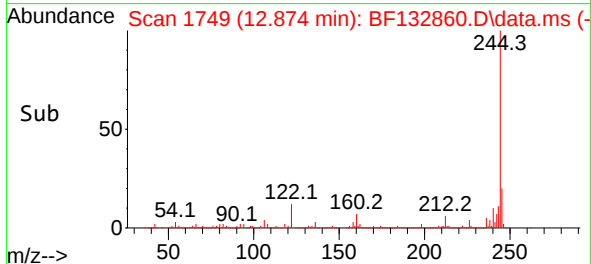
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



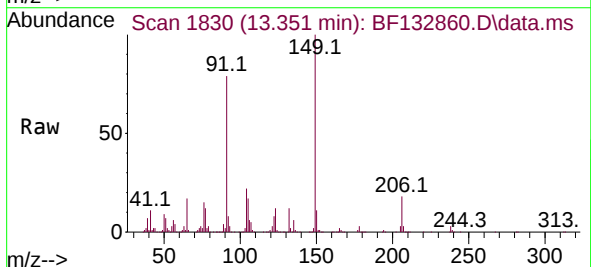
Tgt Ion:244 Resp: 2358174
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 12.2 9.8 14.6

Manual Integrations
 APPROVED

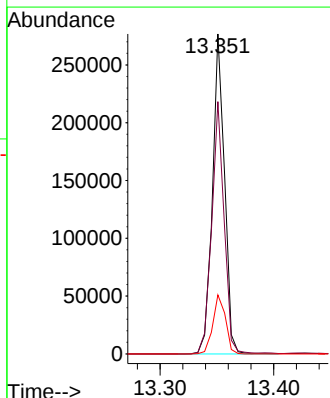
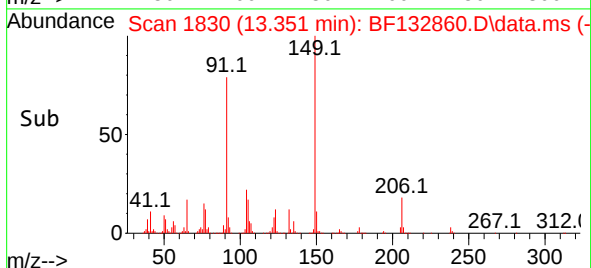
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

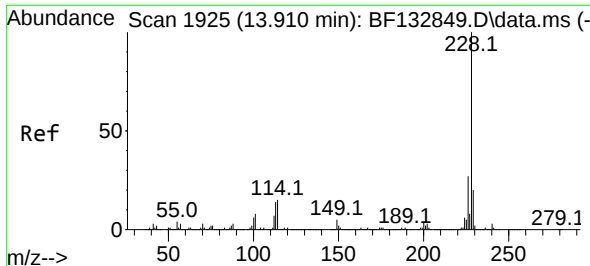


#80
 Butylbenzylphthalate
 Concen: 58.017 ng
 RT: 13.351 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54



Tgt Ion:149 Resp: 204666
 Ion Ratio Lower Upper
 149 100
 91 78.8 74.8 112.2
 206 18.4 13.8 20.6





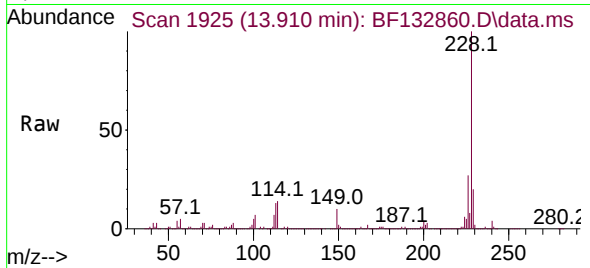
#81
Benzo(a)anthracene
Concen: 40.252 ng
RT: 13.910 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

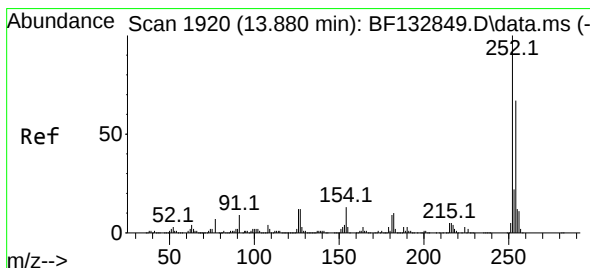
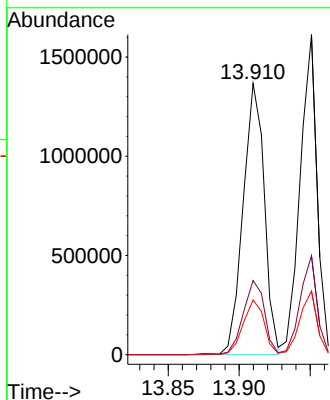
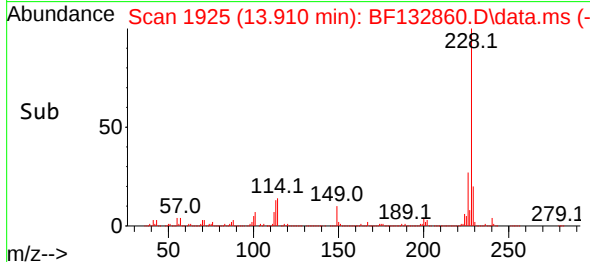


Tgt Ion:228 Resp: 1413162
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 20.1 16.1 24.1

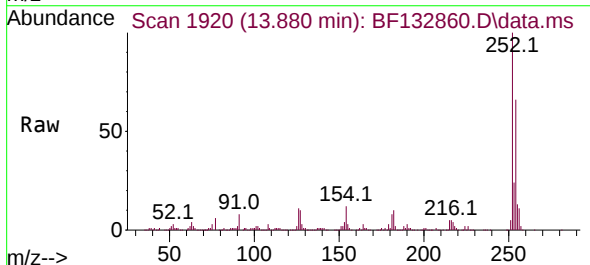
Manual Integrations

APPROVED

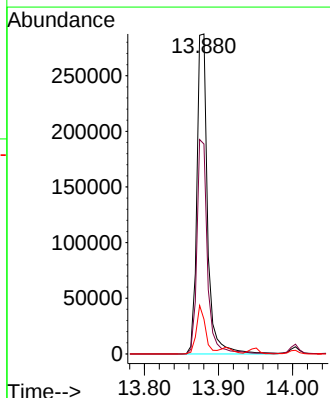
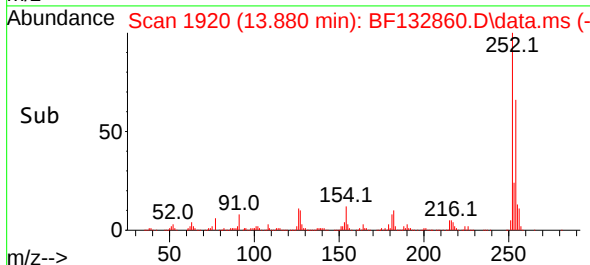
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

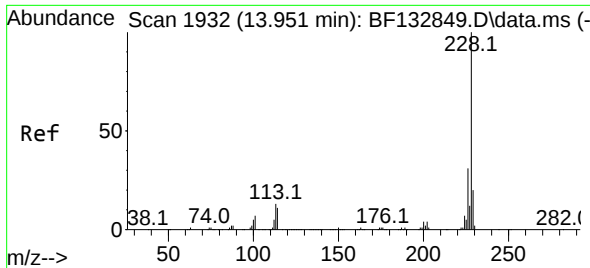


#82
3,3'-Dichlorobenzidine
Concen: 42.778 ng
RT: 13.880 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



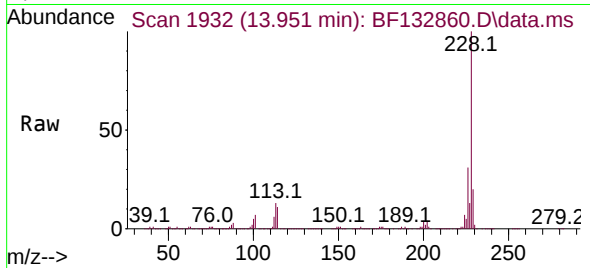
Tgt Ion:252 Resp: 288809
Ion Ratio Lower Upper
252 100
254 65.6 53.8 80.6
126 10.8 9.4 14.0





#83
Chrysene
Concen: 39.060 ng
RT: 13.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

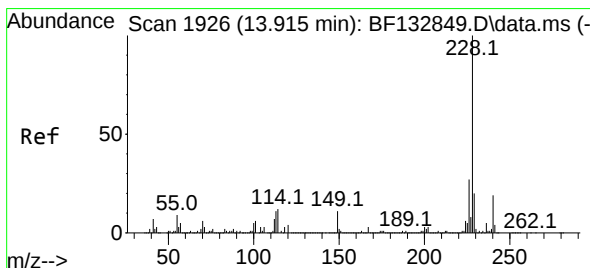
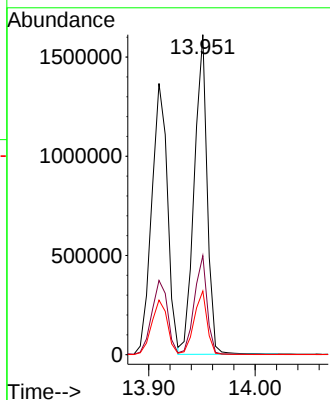
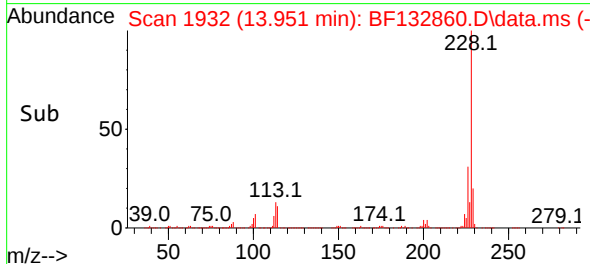
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



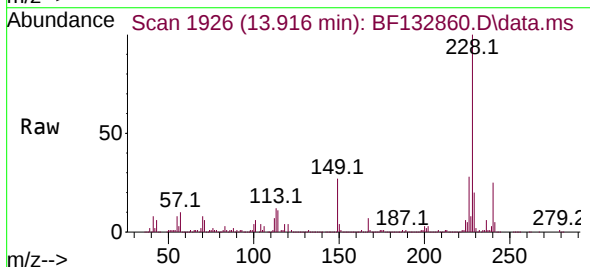
Tgt Ion:228 Resp: 1349918
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.9 15.8 23.6

Manual Integrations
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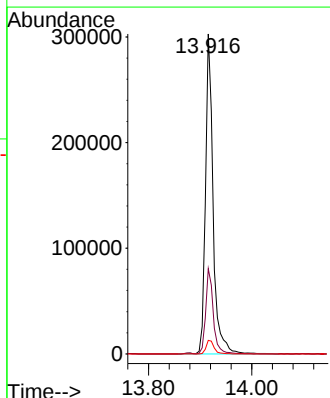
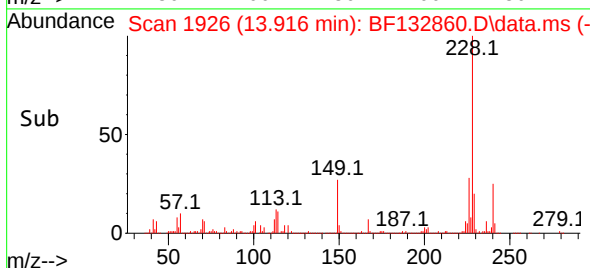
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

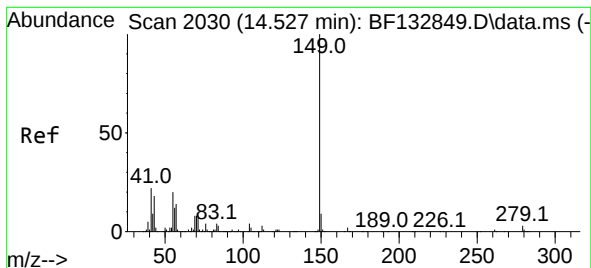


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.093 ng
RT: 13.916 min Scan# 1926
Delta R.T. 0.001 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



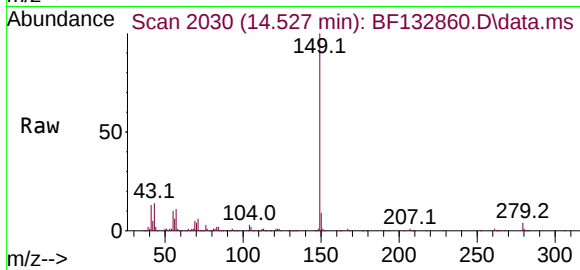
Tgt Ion:149 Resp: 310115
Ion Ratio Lower Upper
149 100
167 26.6 20.4 30.6
279 4.2 2.3 3.5#





#85
Di-n-octyl phthalate
Concen: 55.371 ng
RT: 14.527 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54

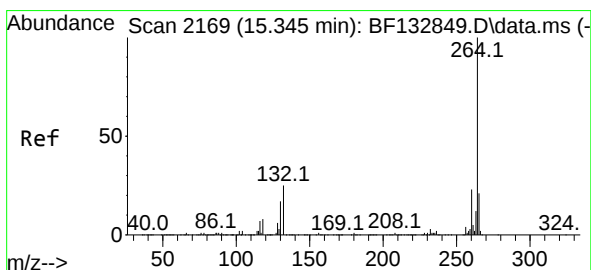
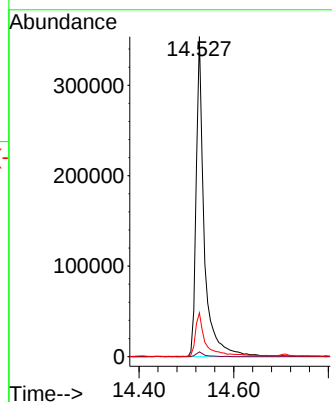
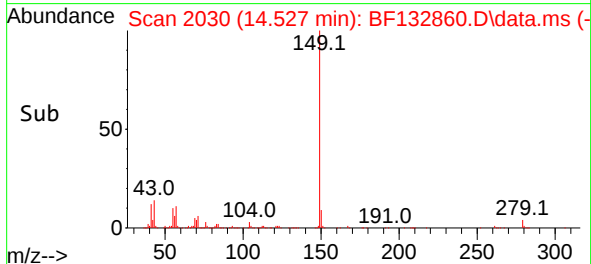
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



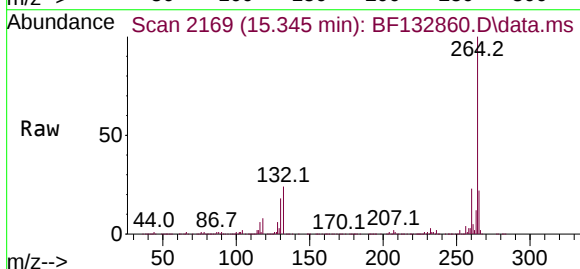
Tgt Ion:149 Resp: 420654
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 17.5 21.4 32.0

Manual Integrations
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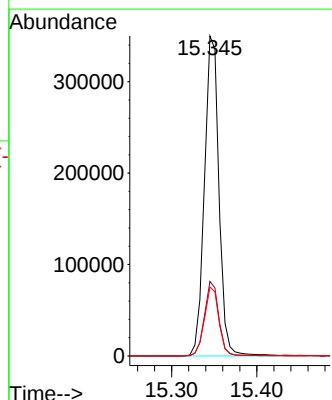
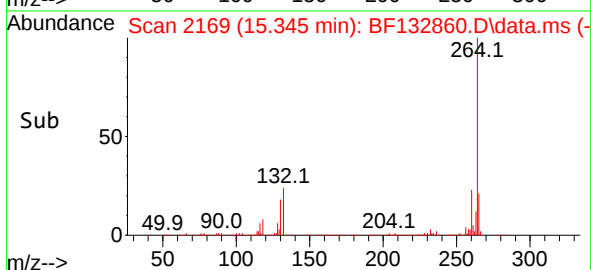
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

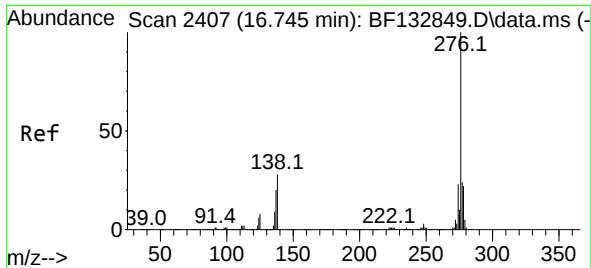


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BF132860.D
Acq: 11 Apr 2023 20:54



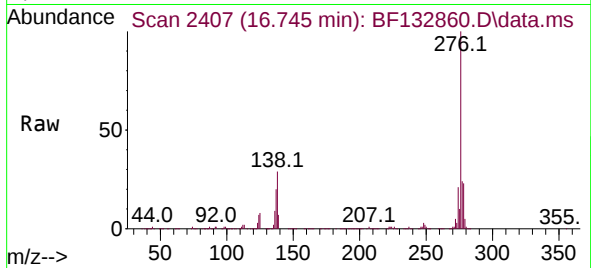
Tgt Ion:264 Resp: 413968
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.4
265 21.5 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.499 ng
 RT: 16.745 min Scan# 2407
 Delta R.T. -0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54

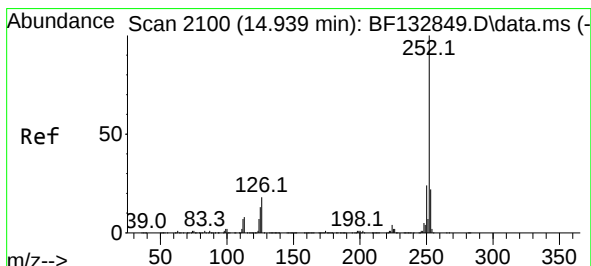
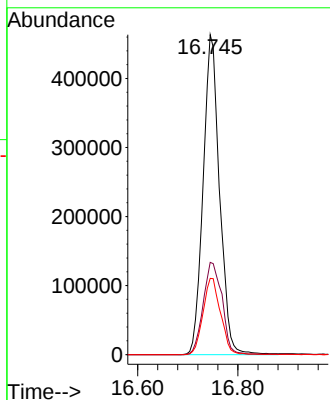
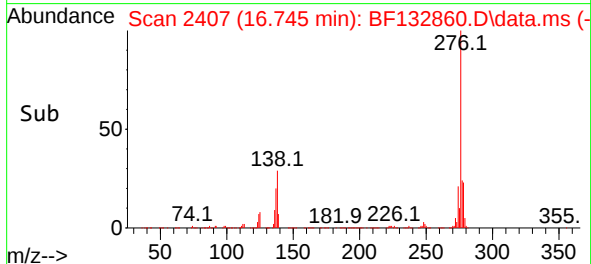
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion: 276 Resp: 1055052
 Ion Ratio Lower Upper
 276 100
 138 33.0 27.0 40.6
 277 25.5 20.1 30.1

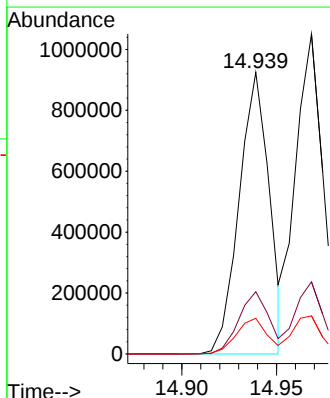
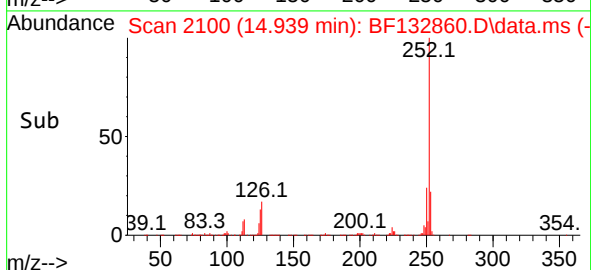
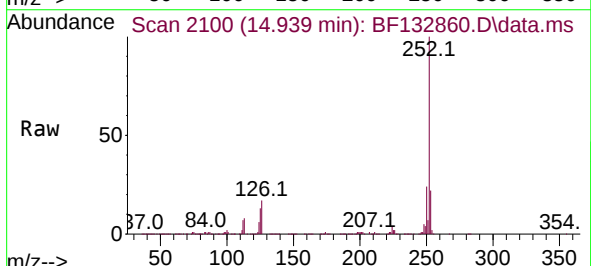
Manual Integrations
 APPROVED

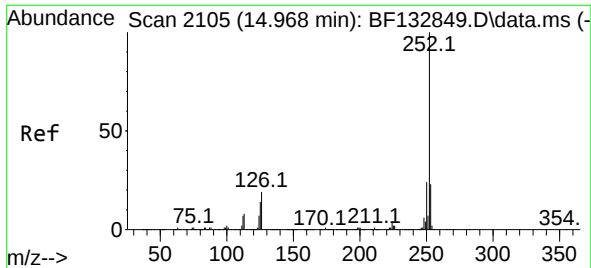
Reviewed By : Christian Giraldo 04/12/2023
 Supervised By : Jagrut Upadhyay 04/12/2023



#88
 Benzo(b)fluoranthene
 Concen: 38.316 ng
 RT: 14.939 min Scan# 2100
 Delta R.T. 0.000 min
 Lab File: BF132860.D
 Acq: 11 Apr 2023 20:54

Tgt Ion: 252 Resp: 1023682
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.6
 125 12.6 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 38.854 ng

RT: 14.968 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BF132860.D

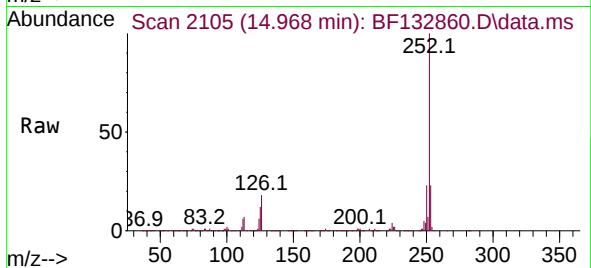
Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:252 Resp: 1066285

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

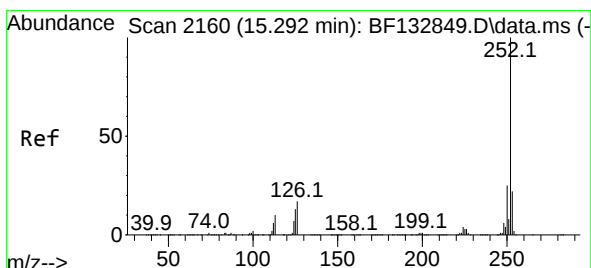
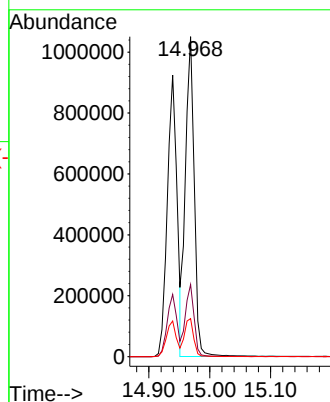
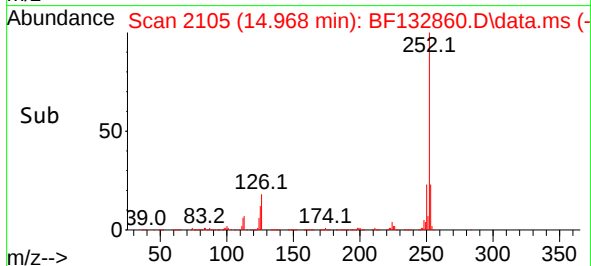
125 11.9 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#90

Benzo(a)pyrene

Concen: 39.873 ng

RT: 15.292 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

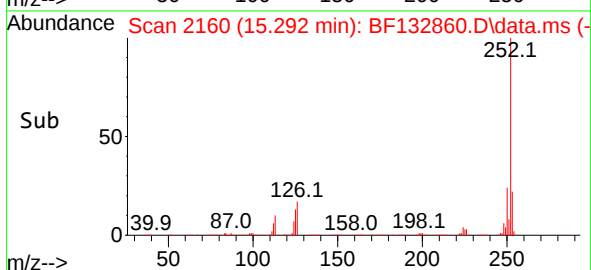
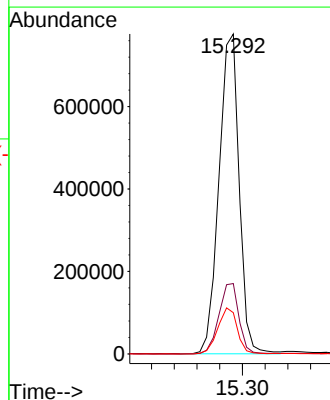
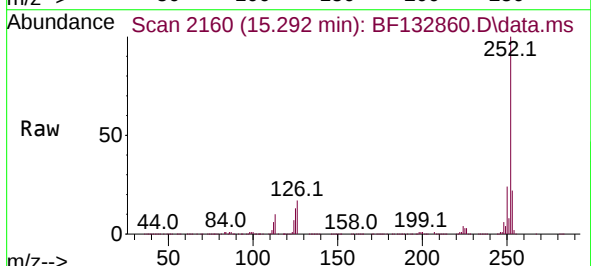
Tgt Ion:252 Resp: 955471

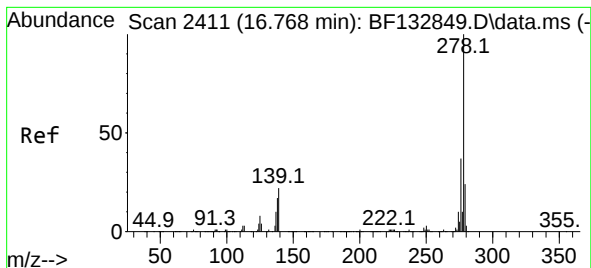
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 12.9 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 40.210 ng

RT: 16.768 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 884184

Ion Ratio Lower Upper

278 100

139 20.0 17.4 26.0

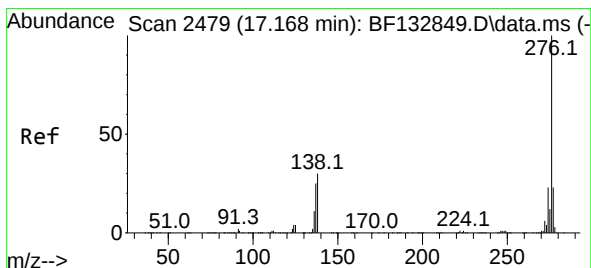
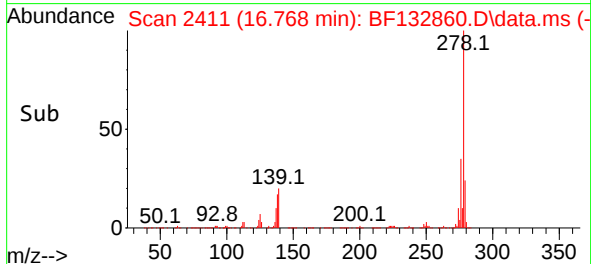
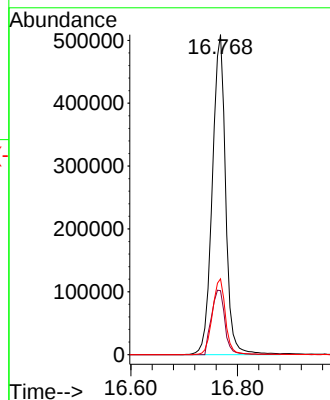
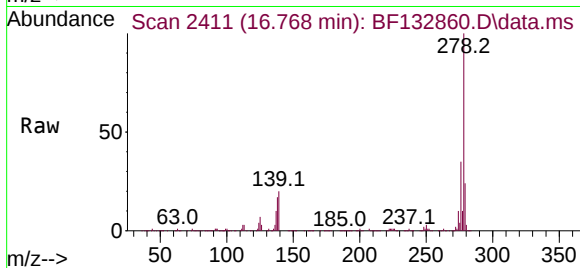
279 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#92

Benzo(g,h,i)perylene

Concen: 39.767 ng

RT: 17.168 min Scan# 2479

Delta R.T. 0.000 min

Lab File: BF132860.D

Acq: 11 Apr 2023 20:54

Tgt Ion:276 Resp: 897384

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 28.4 23.8 35.6

