

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132988.D
 Acq On : 24 Apr 2023 11:26
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 24 12:22:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/25/2023
 Supervised By : Jagrut Upadhyay 04/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	193575	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	758663	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	378508	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	662743	20.000	ng	0.00
76) Chrysene-d12	13.910	240	481335	20.000	ng	0.00
86) Perylene-d12	15.327	264	501800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1008629	78.711	ng	0.00
7) Phenol-d6	6.386	99	1255590	78.942	ng	0.00
23) Nitrobenzene-d5	7.316	82	1107011	78.761	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	301665	79.247	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1807709	79.900	ng	0.00
79) Terphenyl-d14	12.857	244	1971017	70.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.404	88	233324	39.255	ng	99
3) Pyridine	3.110	79	647217	40.998	ng	99
4) n-Nitrosodimethylamine	3.063	42	317850	38.872	ng	99
6) Aniline	6.410	93	825187	40.281	ng	98
8) 2-Chlorophenol	6.534	128	507680	39.020	ng	97
9) Benzaldehyde	6.292	77	324623	46.964	ng	99
10) Phenol	6.398	94	689437	39.292	ng	93
11) bis(2-Chloroethyl)ether	6.486	93	505654	38.403	ng	98
12) 1,3-Dichlorobenzene	6.692	146	537280	38.841	ng	97
13) 1,4-Dichlorobenzene	6.769	146	535724	38.643	ng	96
14) 1,2-Dichlorobenzene	6.922	146	499039	39.045	ng	98
15) Benzyl Alcohol	6.892	79	445634	40.561	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.033	45	859437	37.580	ng	99
17) 2-Methylphenol	7.010	107	466111	39.124	ng	100
18) Hexachloroethane	7.263	117	186474	38.688	ng	95
19) n-Nitroso-di-n-propyla...	7.169	70	352465	35.596	ng	98
20) 3+4-Methylphenols	7.163	107	546725	38.967	ng	96
22) Acetophenone	7.163	105	676877	38.515	ng	99
24) Nitrobenzene	7.333	77	556869	39.099	ng	99
25) Isophorone	7.575	82	1012180	37.929	ng	99
26) 2-Nitrophenol	7.651	139	282147	41.072	ng	95
27) 2,4-Dimethylphenol	7.692	122	460264	39.073	ng	98
28) bis(2-Chloroethoxy)met...	7.786	93	593960	37.623	ng	100
29) 2,4-Dichlorophenol	7.892	162	416936	38.881	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	434198	39.084	ng	98
31) Naphthalene	8.057	128	1477768	38.960	ng	100
32) Benzoic acid	7.804	122	330394	45.408	ng	97
33) 4-Chloroaniline	8.104	127	630184	41.120	ng	98
34) Hexachlorobutadiene	8.175	225	233224	37.877	ng	99
35) Caprolactam	8.475	113	149006m	41.363	ng	
36) 4-Chloro-3-methylphenol	8.586	107	457477	39.561	ng	99
37) 2-Methylnaphthalene	8.745	142	989640	38.162	ng	98
38) 1-Methylnaphthalene	8.845	142	939324	38.720	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	395521	38.864	ng	99
41) Hexachlorocyclopentadiene	8.904	237	237547	40.023	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	277587	39.441	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	325944	40.043	ng	99
46) 1,1'-Biphenyl	9.210	154	1170987	39.015	ng	99
47) 2-Chloronaphthalene	9.233	162	852431	38.803	ng	98
48) 2-Nitroaniline	9.327	65	297704	41.004	ng	93
49) Acenaphthylene	9.651	152	1373985	39.143	ng	99
50) Dimethylphthalate	9.516	163	1019790	38.639	ng	99
51) 2,6-Dinitrotoluene	9.569	165	238560	40.160	ng	98
52) Acenaphthene	9.822	154	916953	39.003	ng	99
53) 3-Nitroaniline	9.739	138	289574	40.998	ng	99
54) 2,4-Dinitrophenol	9.839	184	126489	42.362	ng #	91
55) Dibenzofuran	9.992	168	1239337	38.646	ng	98
56) 4-Nitrophenol	9.898	139	222926	40.750	ng	88
57) 2,4-Dinitrotoluene	9.974	165	311360	41.101	ng #	87
58) Fluorene	10.333	166	903642	38.461	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	249024	39.462	ng	99
60) Diethylphthalate	10.210	149	965639	38.735	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	433622	37.872	ng	96
62) 4-Nitroaniline	10.351	138	285399	43.964	ng	97
63) Azobenzene	10.486	77	1015265	38.444	ng	98
65) 4,6-Dinitro-2-methylph...	10.380	198	174510	43.443	ng	82
66) n-Nitrosodiphenylamine	10.445	169	841090	39.125	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	273562	38.059	ng	95
68) Hexachlorobenzene	10.880	284	282367	38.338	ng	93
69) Atrazine	10.974	200	245121	39.571	ng	98
70) Pentachlorophenol	11.074	266	211761	40.370	ng	98
71) Phenanthrene	11.292	178	1376085	38.632	ng	100
72) Anthracene	11.345	178	1417285	38.879	ng	99
73) Carbazole	11.498	167	1282181	39.501	ng	99
74) Di-n-butylphthalate	11.839	149	1454384	39.593	ng	100
75) Fluoranthene	12.480	202	1431649	40.047	ng	97
77) Benzidine	12.598	184	442627	54.379	ng	95
78) Pyrene	12.710	202	1482976	35.941	ng	99
80) Butylbenzylphthalate	13.333	149	602747	41.257	ng	94
81) Benzo(a)anthracene	13.898	228	1279808	38.665	ng	99
82) 3,3'-Dichlorobenzidine	13.862	252	414802	45.364	ng	100
83) Chrysene	13.933	228	1260720	38.098	ng	100
84) Bis(2-ethylhexyl)phtha...	13.898	149	755721	41.211	ng	100
85) Di-n-octyl phthalate	14.509	149	1421993	47.557	ng	99
87) Indeno(1,2,3-cd)pyrene	16.715	276	1120812	39.267	ng	99
88) Benzo(b)fluoranthene	14.927	252	1219577	38.203	ng	100
89) Benzo(k)fluoranthene	14.957	252	1138975	35.991	ng	99
90) Benzo(a)pyrene	15.274	252	1107727	38.122	ng	99
91) Dibenzo(a,h)anthracene	16.739	278	938619	39.427	ng	98
92) Benzo(g,h,i)perylene	17.139	276	924345	39.328	ng	100

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

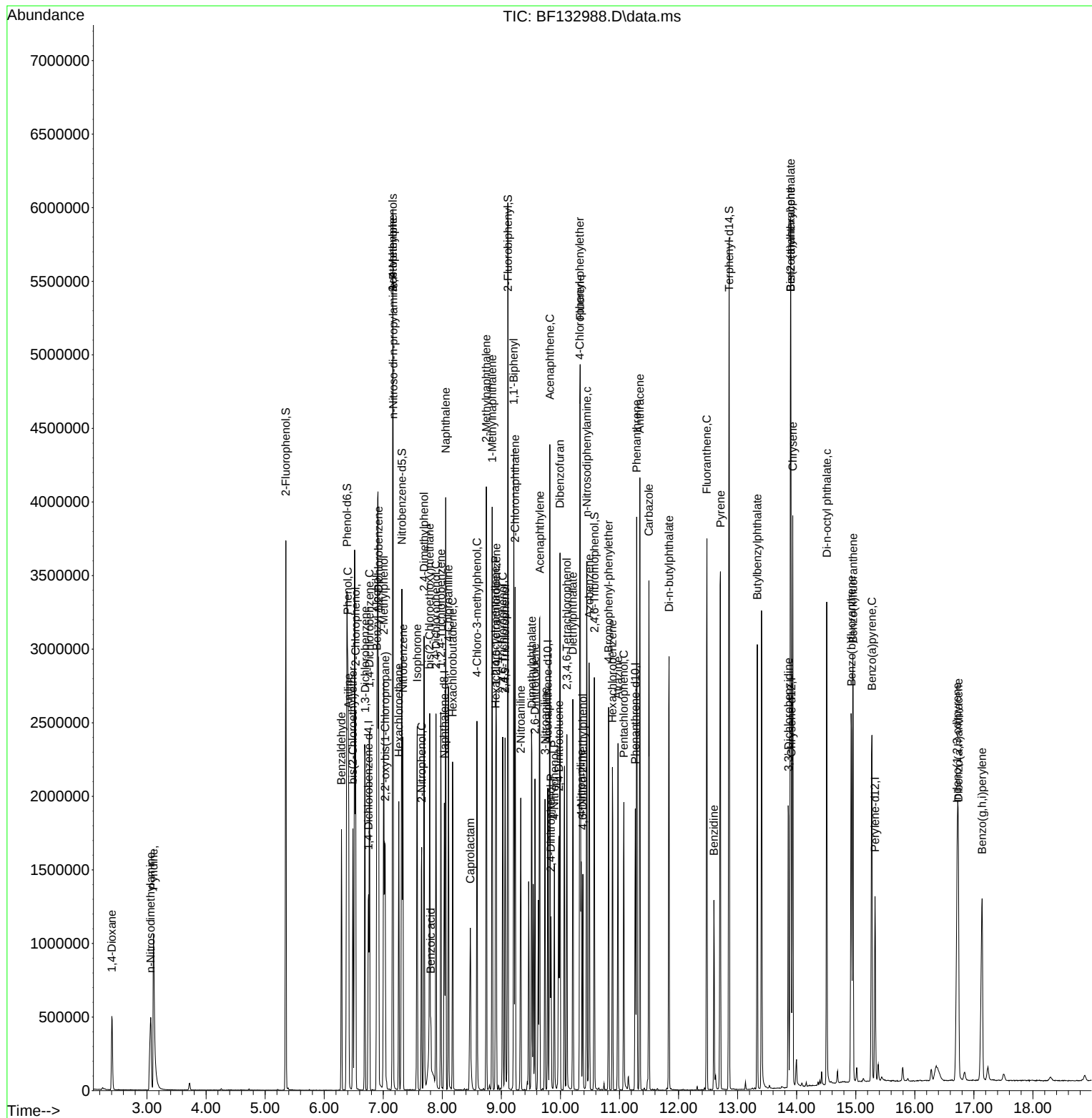
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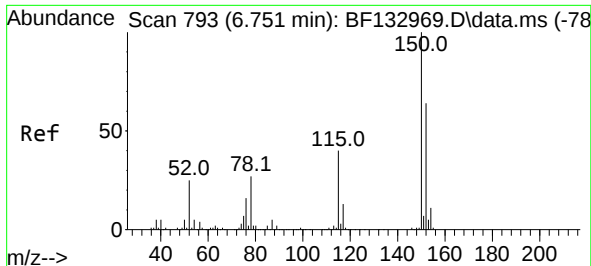
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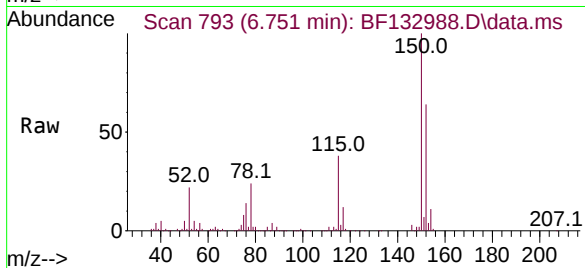
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

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SSTDCCC040

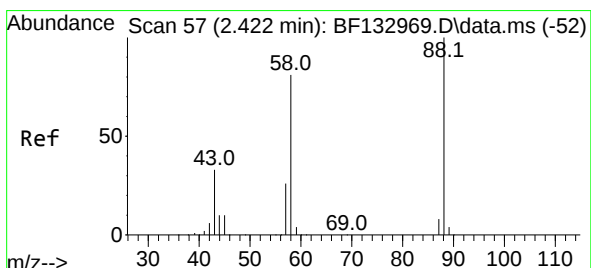
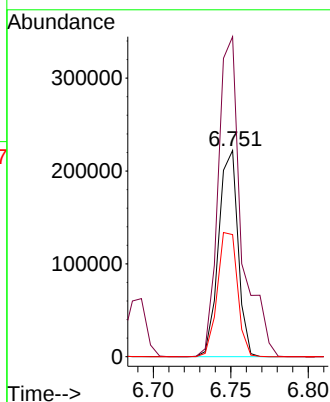
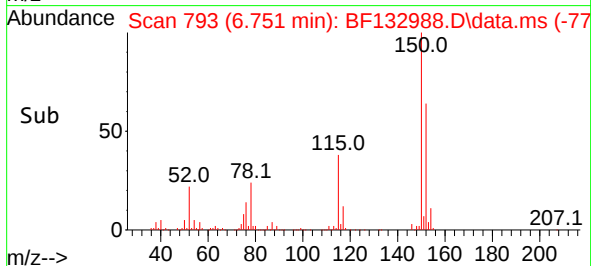


Tgt Ion:152 Resp: 193579
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 59.2 49.9 74.9

Manual Integrations

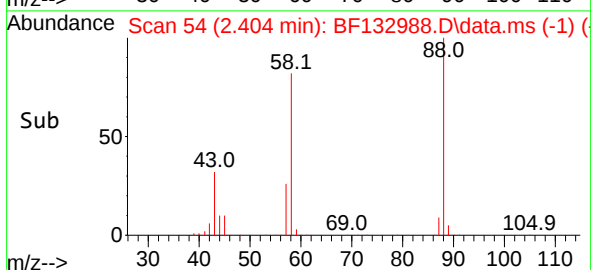
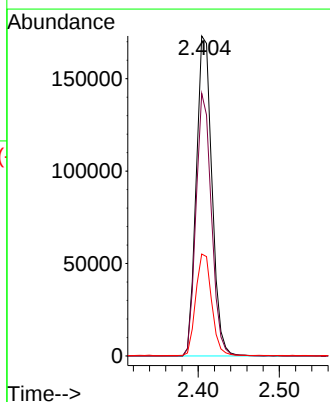
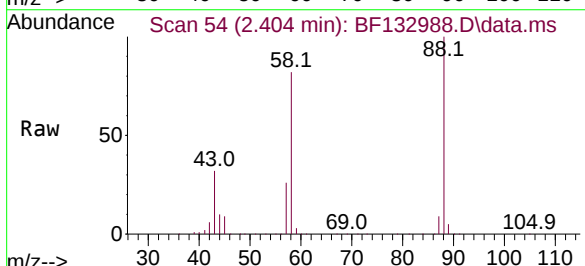
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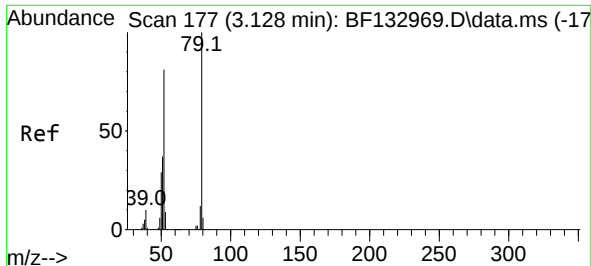
Reviewed By :Christian Giraldo 04/25/2023
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#2
1,4-Dioxane
Concen: 39.255 ng
RT: 2.404 min Scan# 54
Delta R.T. -0.018 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

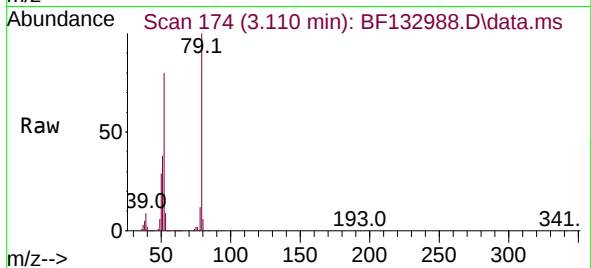
Tgt Ion: 88 Resp: 233324
Ion Ratio Lower Upper
88 100
58 80.5 64.7 97.1
43 32.2 26.2 39.2





#3
Pyridine
Concen: 40.998 ng
RT: 3.110 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

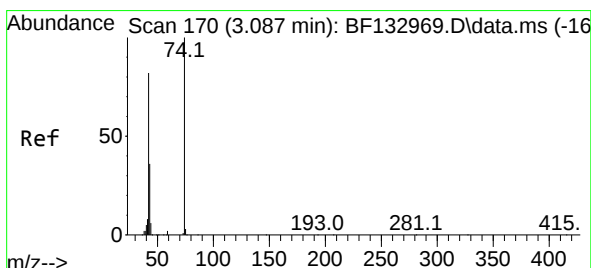
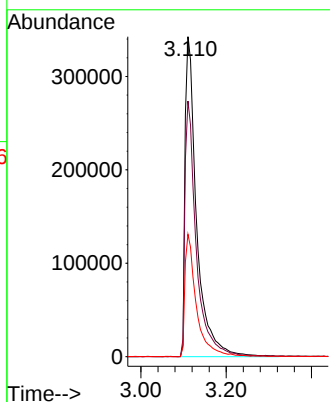
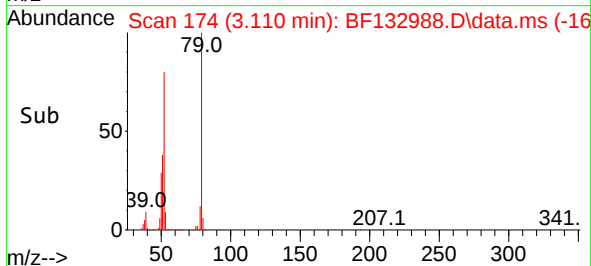
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 64721
Ion Ratio Lower Upper
79 100
52 79.9 64.6 96.8
51 38.3 30.0 45.0

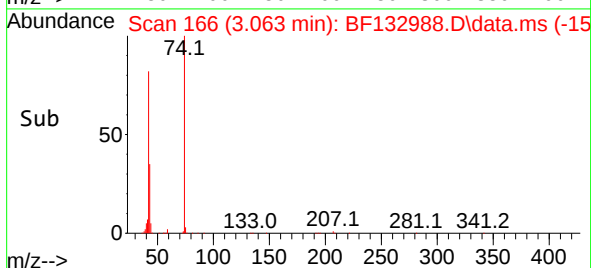
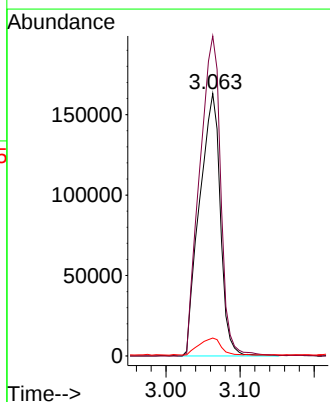
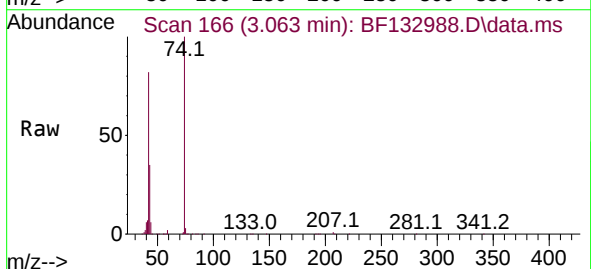
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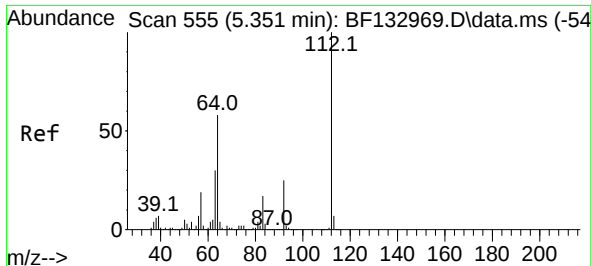
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#4
n-Nitrosodimethylamine
Concen: 38.872 ng
RT: 3.063 min Scan# 166
Delta R.T. -0.024 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 42 Resp: 317850
Ion Ratio Lower Upper
42 100
74 122.0 98.0 147.0
44 6.9 5.8 8.8





#5
2-Fluorophenol
Concen: 78.711 ng
RT: 5.351 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

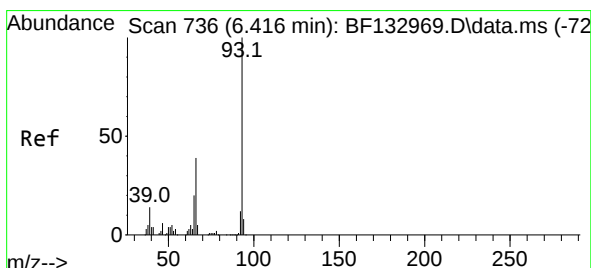
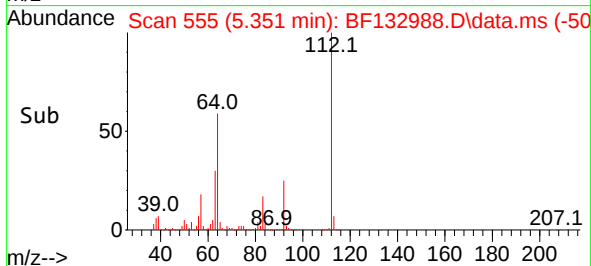
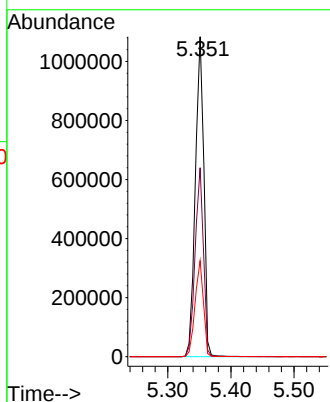
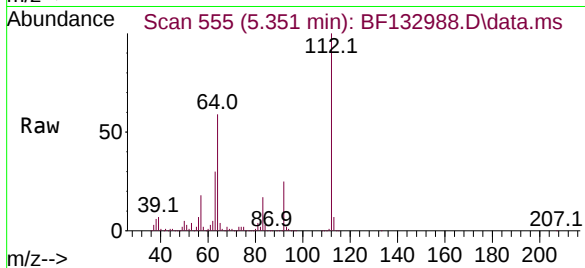
SSTDCCC040

Tgt Ion:112 Resp: 1008629
Ion Ratio Lower Upper
112 100
64 59.0 46.8 70.2
63 30.0 23.8 35.8

Manual Integrations

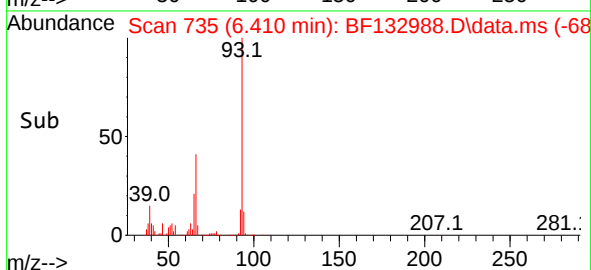
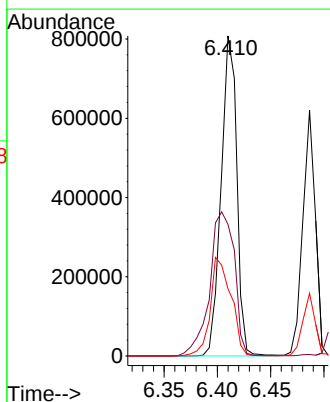
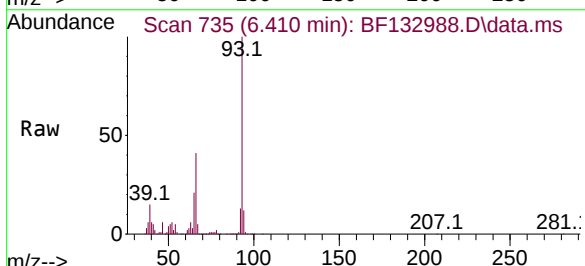
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#6
Aniline
Concen: 40.281 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132988.D
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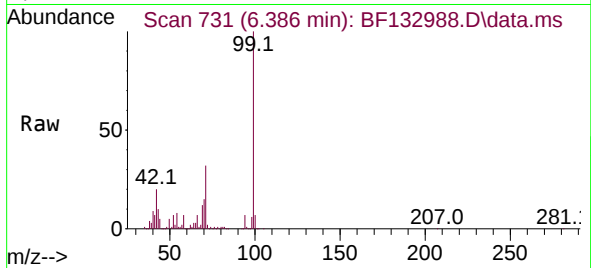
Tgt Ion: 93 Resp: 825187
Ion Ratio Lower Upper
93 100
66 41.1 31.5 47.3
65 21.0 16.4 24.6





#7
Phenol-d6
Concen: 78.942 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

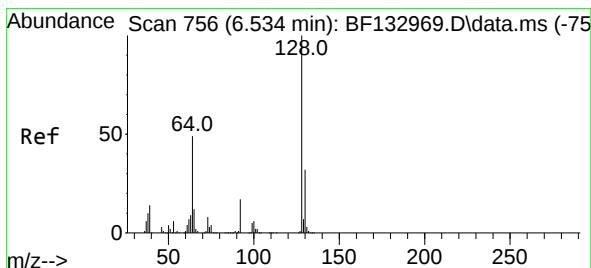
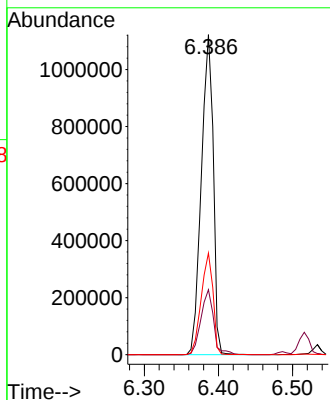
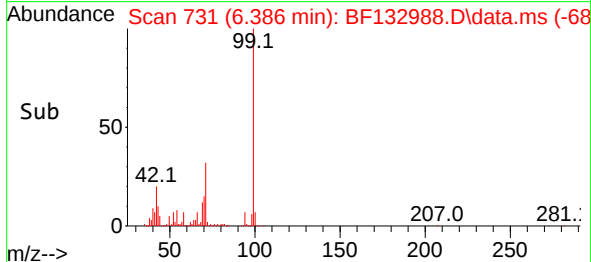
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Tgt Ion: 99 Resp: 1255590
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 31.8 25.6 38.4

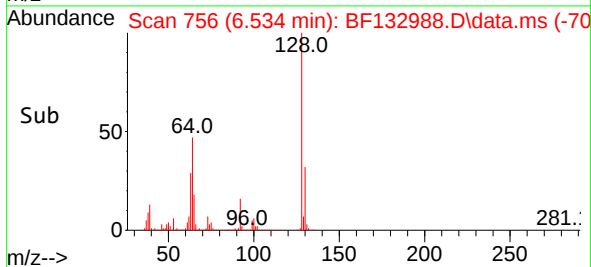
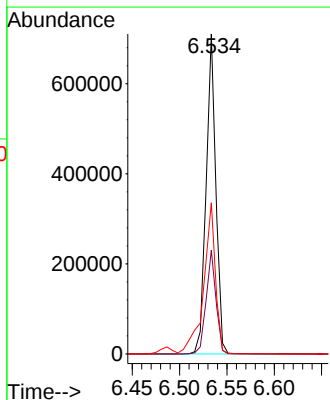
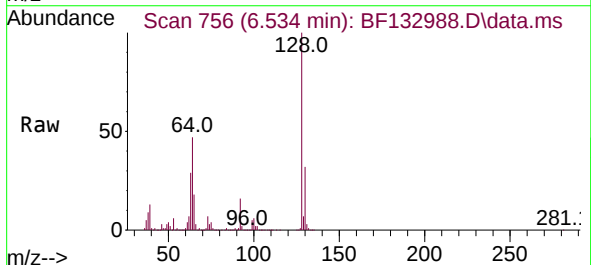
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#8
2-Chlorophenol
Concen: 39.020 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

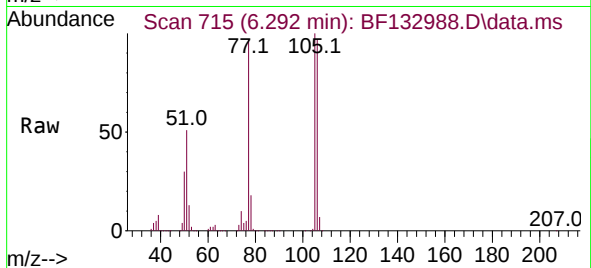
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Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 47.3 30.3 70.3





#9
Benzaldehyde
Concen: 46.964 ng
RT: 6.292 min Scan# 716
Delta R.T. -0.006 min
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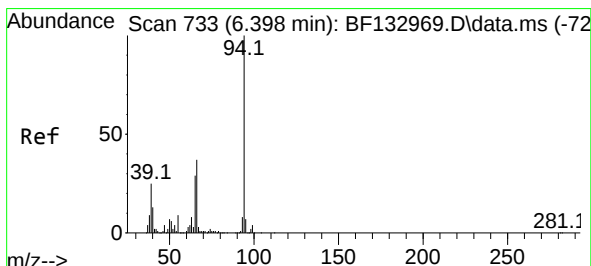
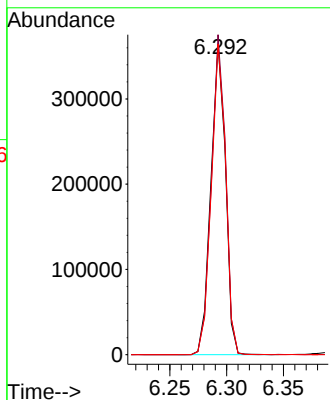
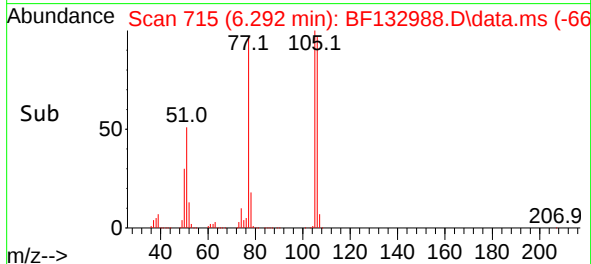
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Tgt Ion: 77 Resp: 32462
Ion Ratio Lower Upper
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105 103.0 82.3 122.3
106 99.9 80.8 120.8

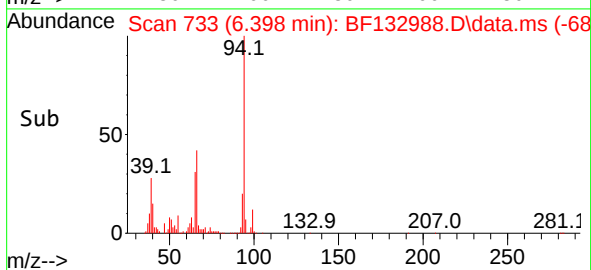
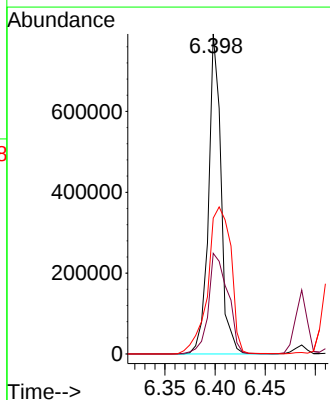
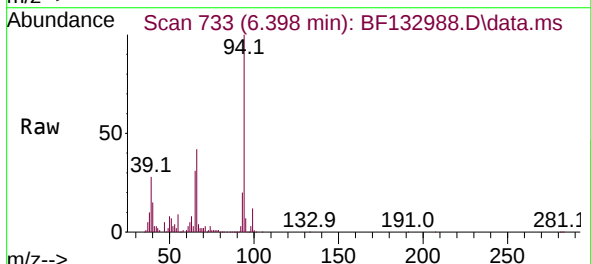
Manual Integrations
APPROVED

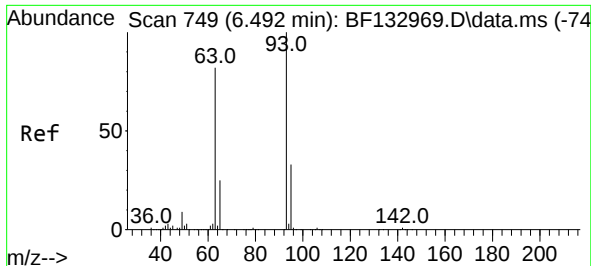
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#10
Phenol
Concen: 39.292 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 94 Resp: 689437
Ion Ratio Lower Upper
94 100
65 31.4 8.6 48.6
66 42.4 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 38.403 ng

RT: 6.486 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

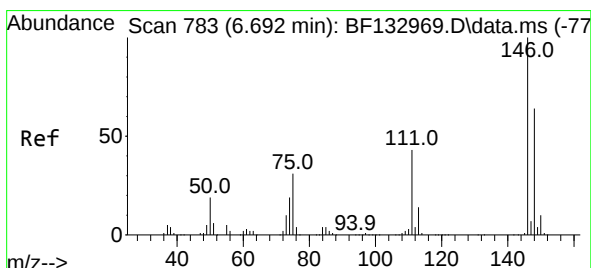
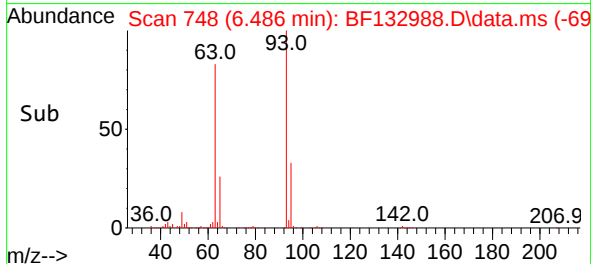
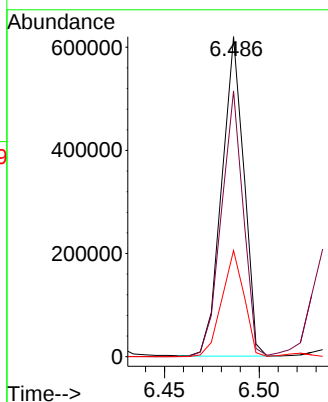
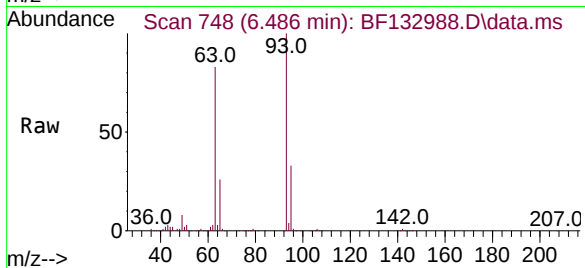
SSTDCCC040

Tgt Ion: 93 Resp: 505654
 Ion Ratio Lower Upper
 93 100
 63 83.0 60.6 100.6
 95 33.2 12.9 52.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#12

1,3-Dichlorobenzene

Concen: 38.841 ng

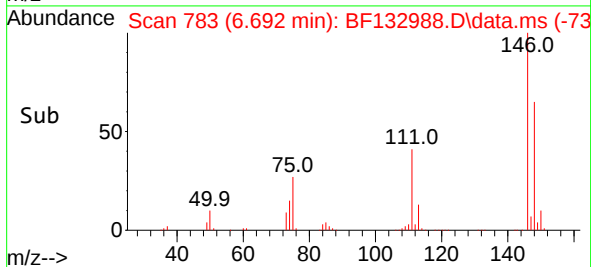
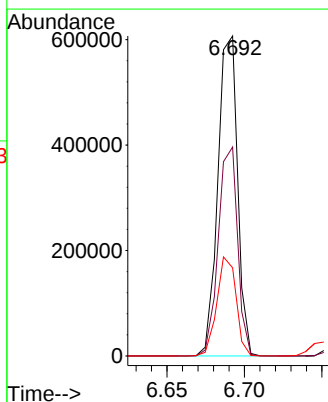
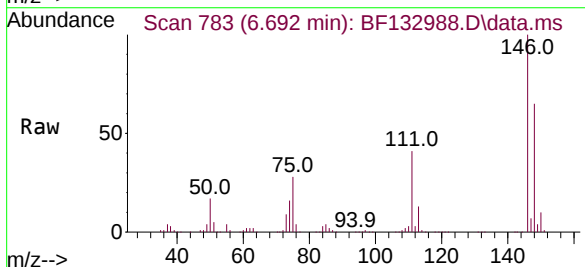
RT: 6.692 min Scan# 783

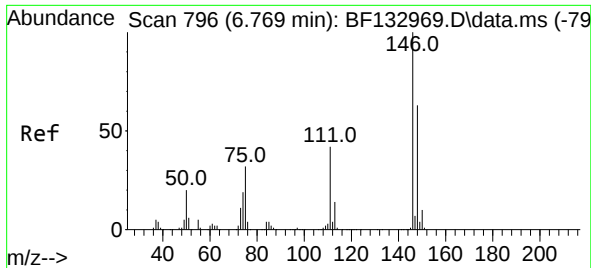
Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Tgt Ion:146 Resp: 537280
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.4
 75 27.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.643 ng

RT: 6.769 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 535724

Ion Ratio Lower Upper

146 100

148 65.3 50.3 75.5

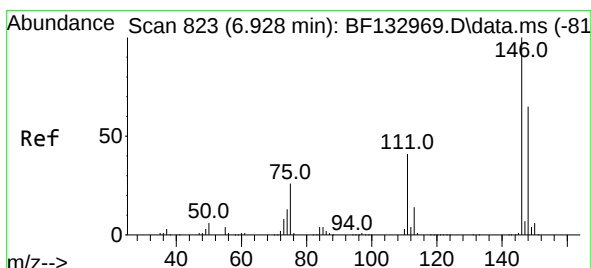
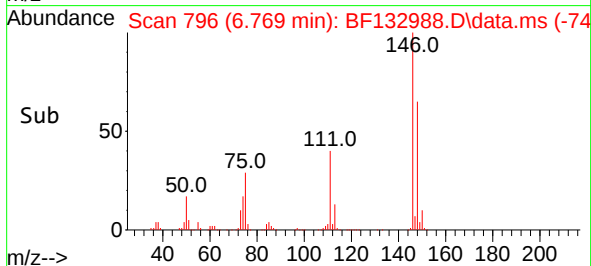
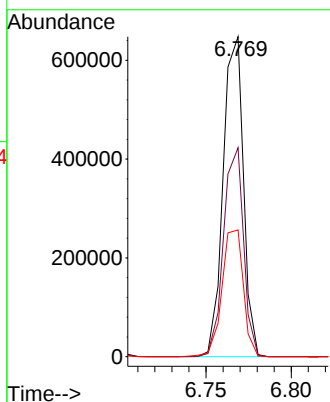
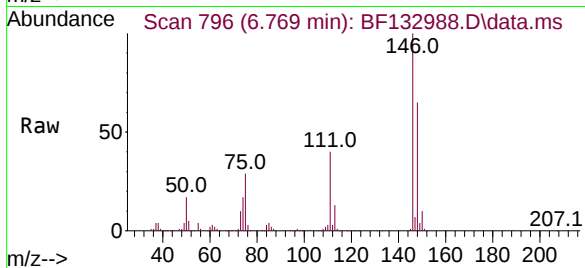
111 39.6 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#14

1,2-Dichlorobenzene

Concen: 39.045 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

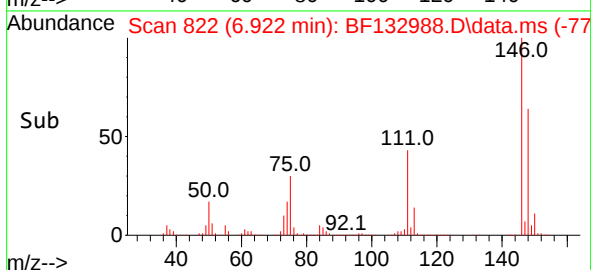
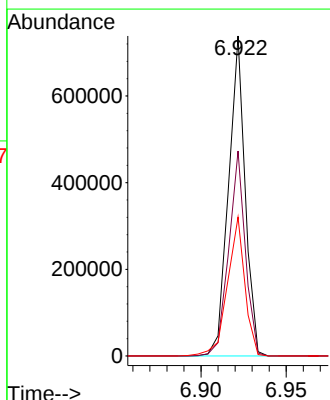
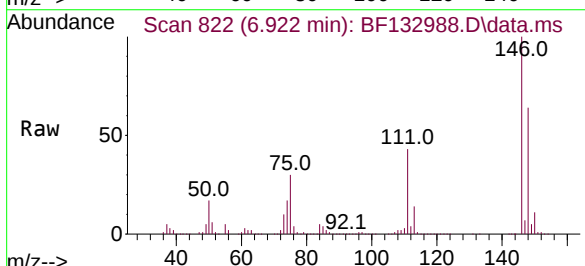
Tgt Ion:146 Resp: 499039

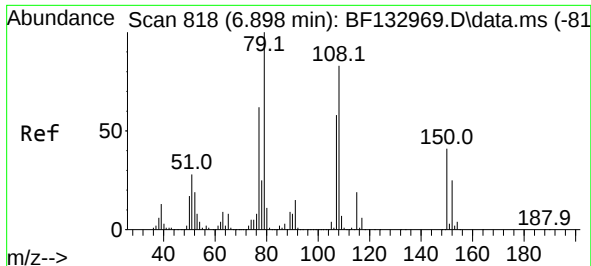
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

111 43.4 32.8 49.2





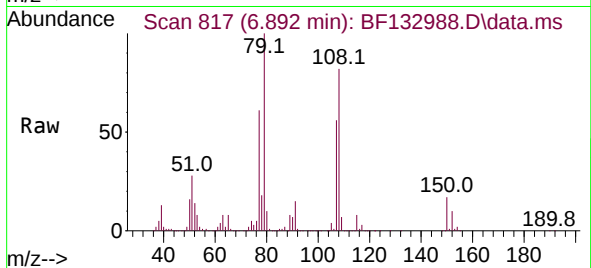
#15
Benzyl Alcohol
Concen: 40.561 ng
RT: 6.892 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

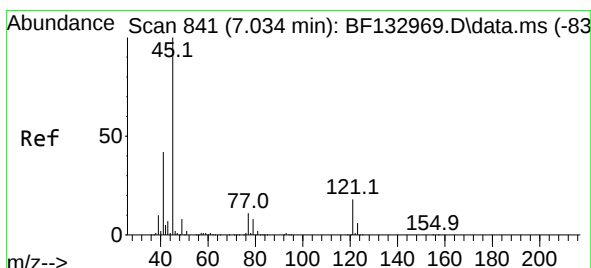
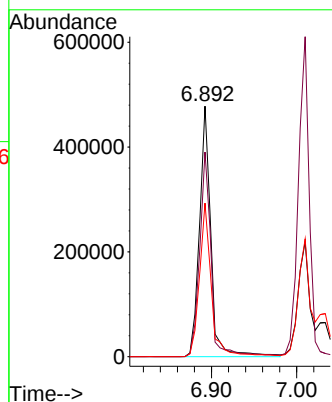
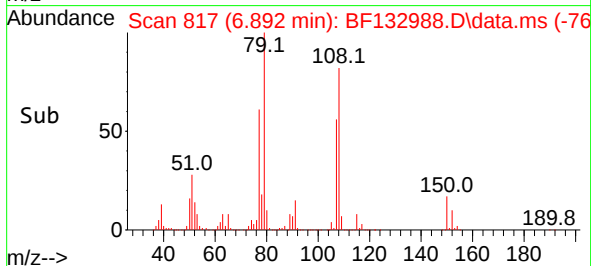
SSTDCCC040



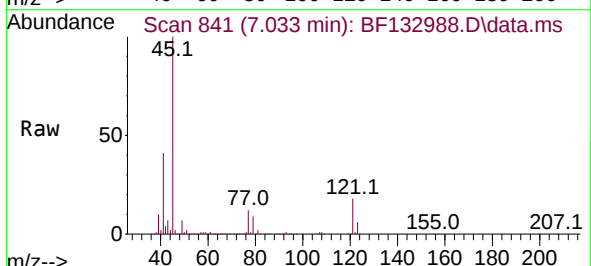
Tgt Ion: 79 Resp: 445634
Ion Ratio Lower Upper
79 100
108 81.7 66.6 99.8
77 61.3 49.2 73.8

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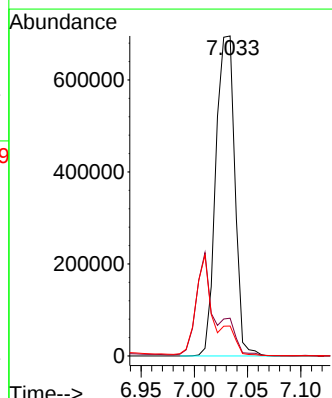
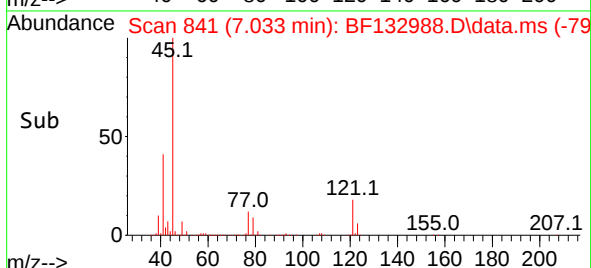
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

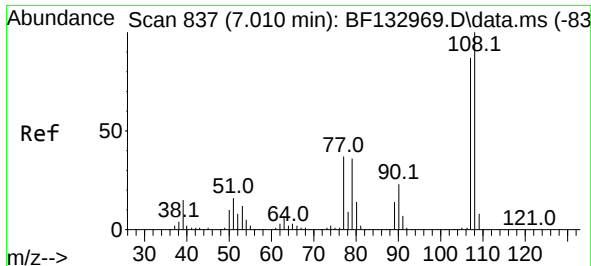


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.580 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion: 45 Resp: 859437
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.5
79 9.3 0.0 28.7





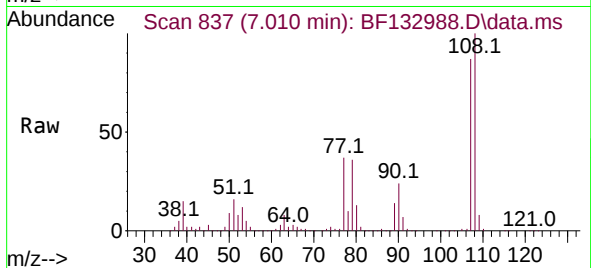
#17
2-Methylphenol
Concen: 39.124 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

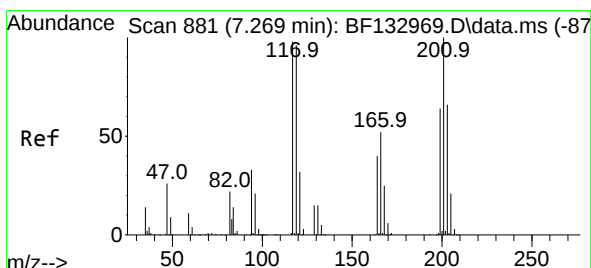
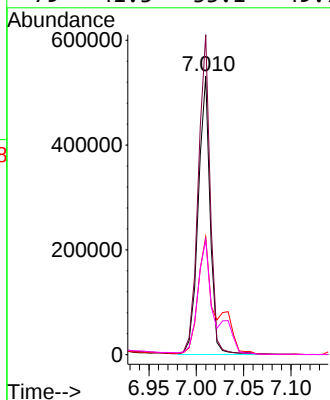
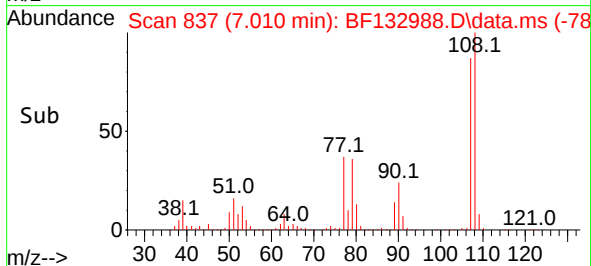


Tgt Ion:107 Resp: 46611
Ion Ratio Lower Upper
107 100
108 115.0 92.4 138.6
77 42.3 33.8 50.8
79 41.3 33.1 49.7

Manual Integrations

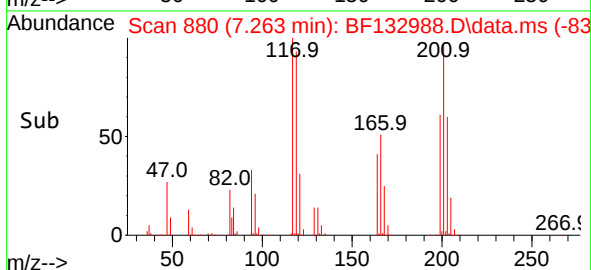
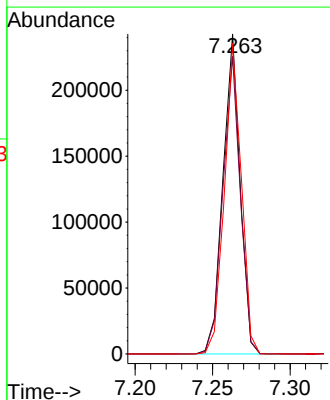
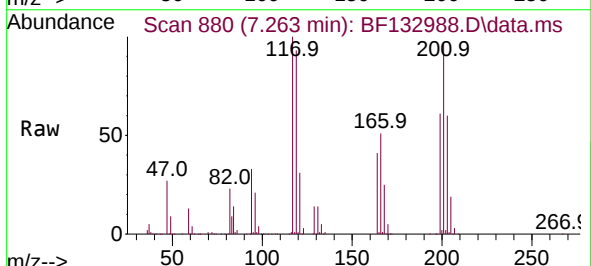
APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#18
Hexachloroethane
Concen: 38.688 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:117 Resp: 186474
Ion Ratio Lower Upper
117 100
119 93.0 78.2 117.4
201 97.1 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 35.596 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF132988.D

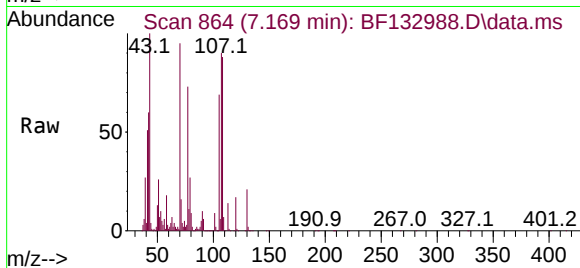
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 35246

Ion Ratio Lower Upper

70 100

42 63.2 51.8 77.6

101 9.7 8.0 12.0

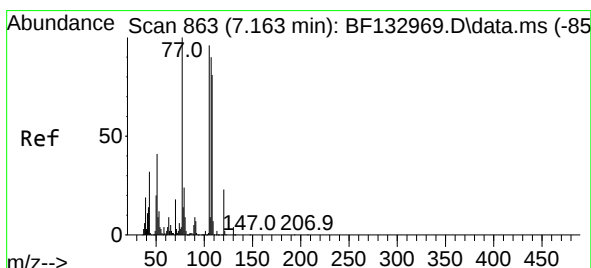
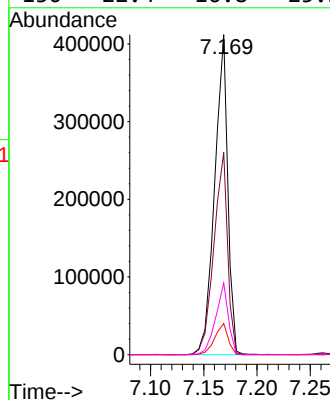
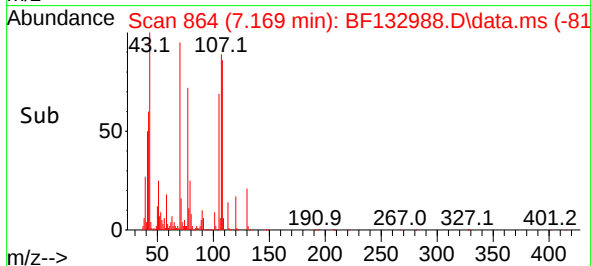
130 22.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#20

3+4-Methylphenols

Concen: 38.967 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Tgt Ion:107 Resp: 546725

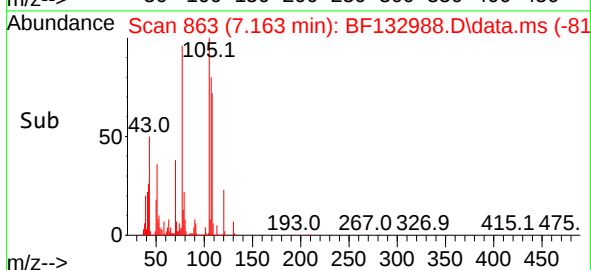
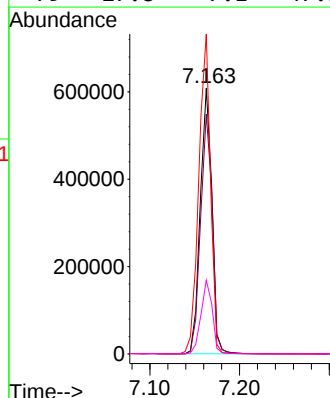
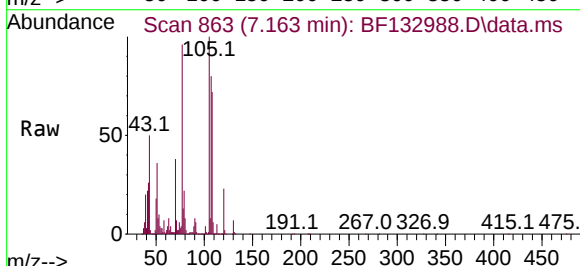
Ion Ratio Lower Upper

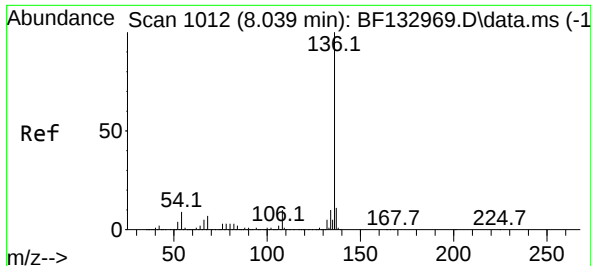
107 100

108 90.3 70.5 110.5

77 120.5 91.7 131.7

79 27.8 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

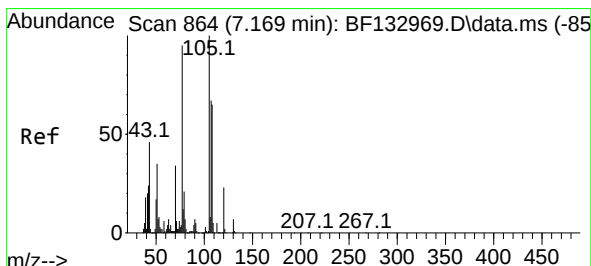
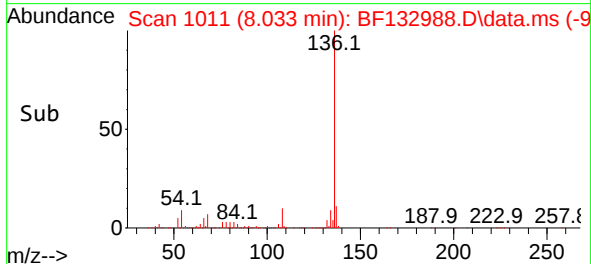
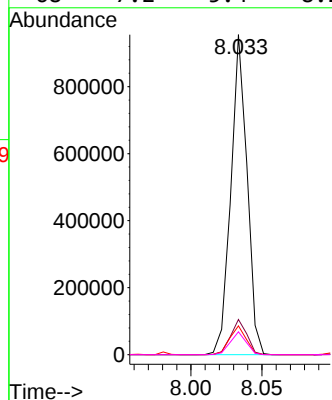
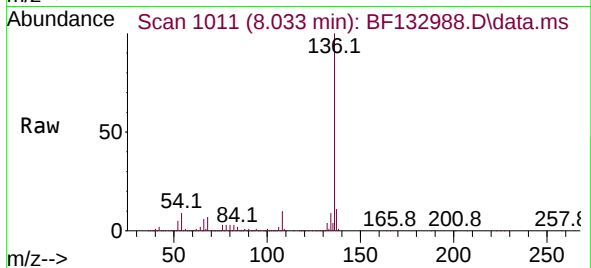
SSTDCCC040

Tgt Ion:136 Resp: 75866
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.0 10.4
68 7.2 5.4 8.2

Manual Integrations

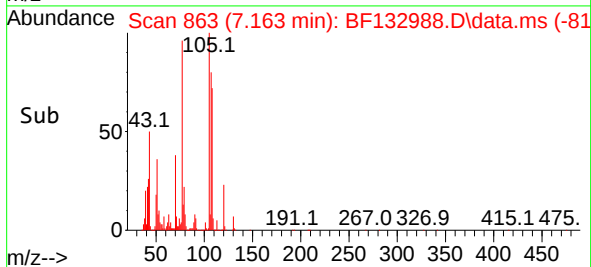
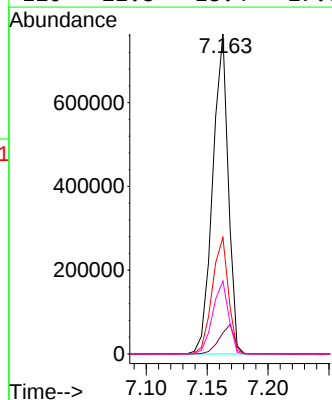
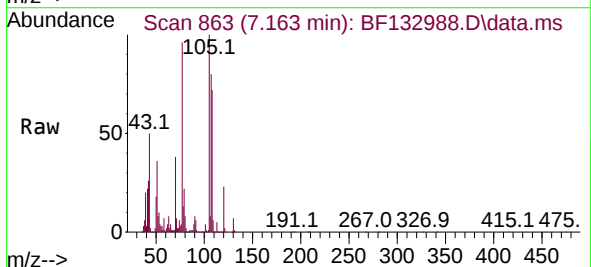
APPROVED

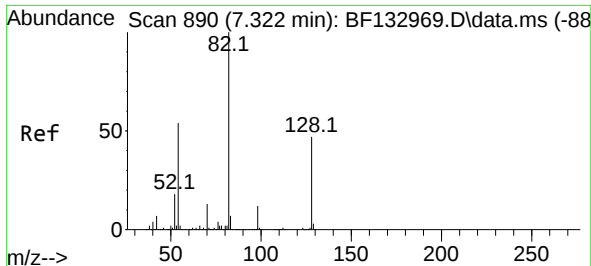
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#22
Acetophenone
Concen: 38.515 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:105 Resp: 676877
Ion Ratio Lower Upper
105 100
71 6.6 4.6 7.0
51 36.4 28.2 42.2
120 22.8 18.4 27.6





#23
Nitrobenzene-d5
Concen: 78.761 ng
RT: 7.316 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

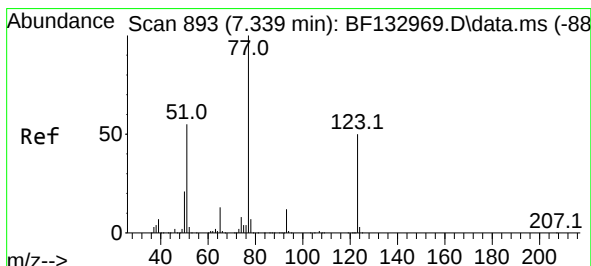
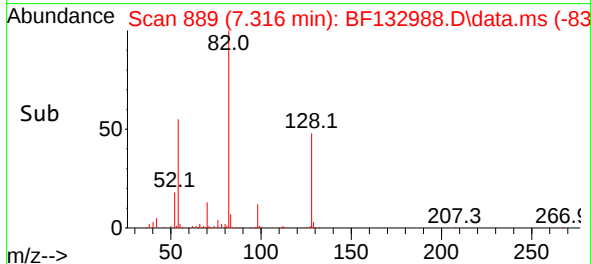
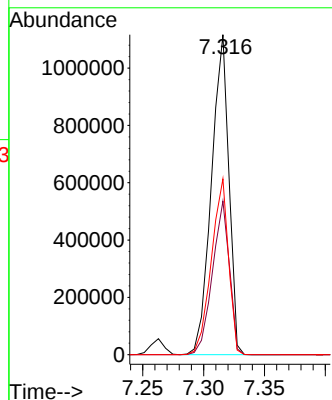
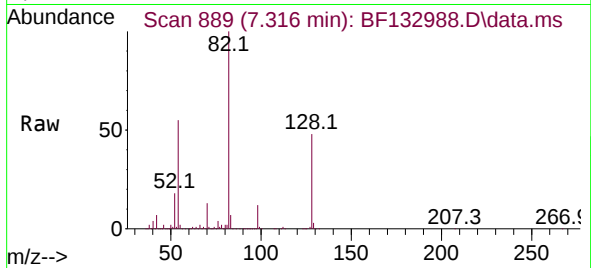
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 110701
Ion Ratio Lower Upper
82 100
128 48.0 37.7 56.5
54 54.9 43.0 64.4

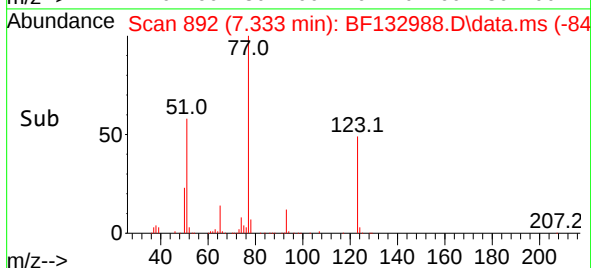
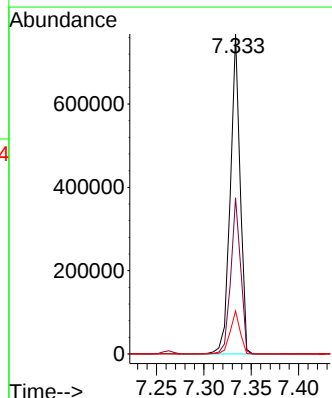
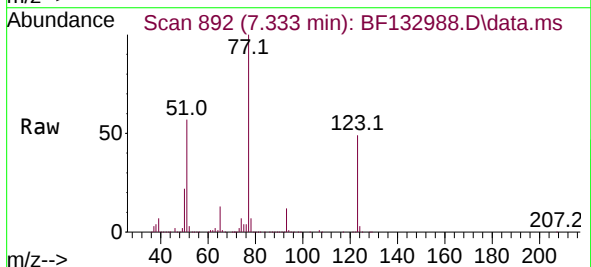
Manual Integrations
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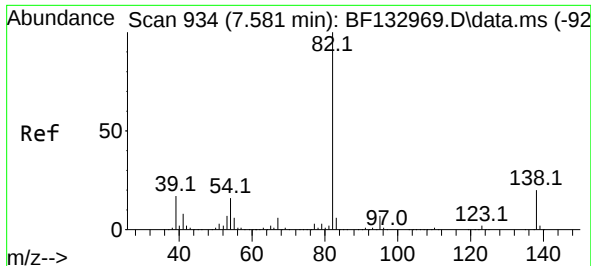
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#24
Nitrobenzene
Concen: 39.099 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 77 Resp: 556869
Ion Ratio Lower Upper
77 100
123 48.8 39.9 59.9
65 13.5 10.7 16.1





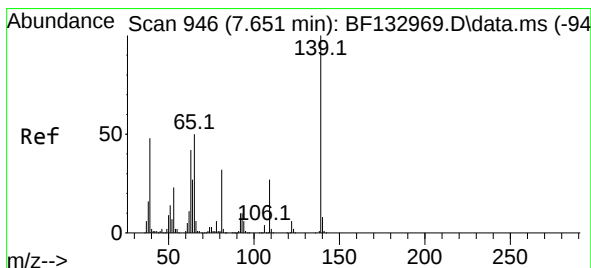
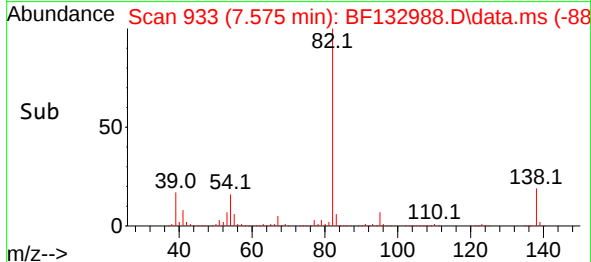
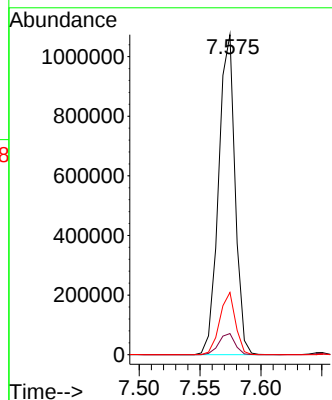
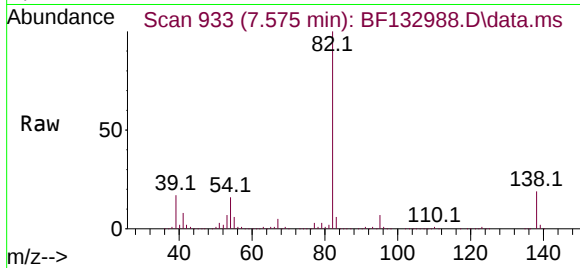
#25
Isophorone
Concen: 37.929 ng
RT: 7.575 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1012180
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.5 16.0 24.0

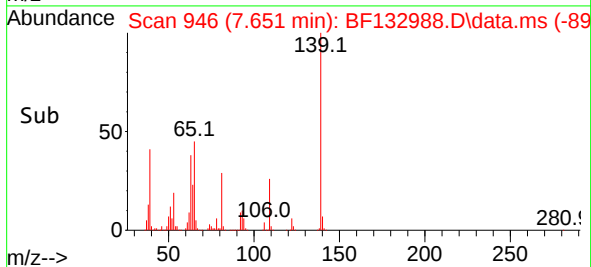
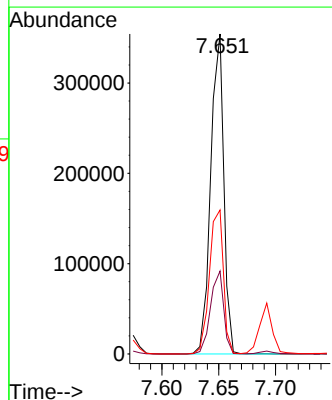
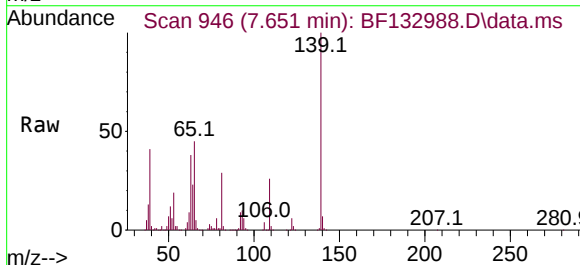
Manual Integrations
APPROVED

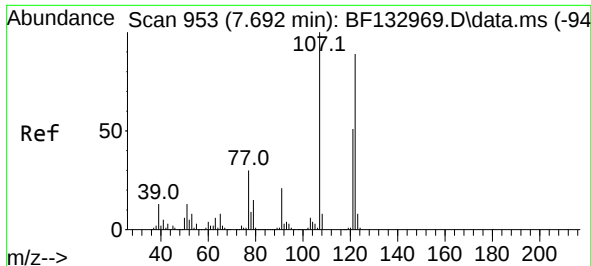
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#26
2-Nitrophenol
Concen: 41.072 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:139 Resp: 282147
Ion Ratio Lower Upper
139 100
109 25.9 21.6 32.4
65 45.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 39.073 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132988.D

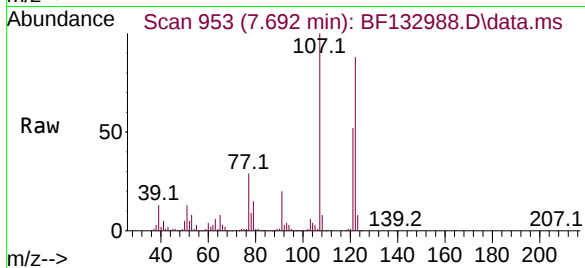
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

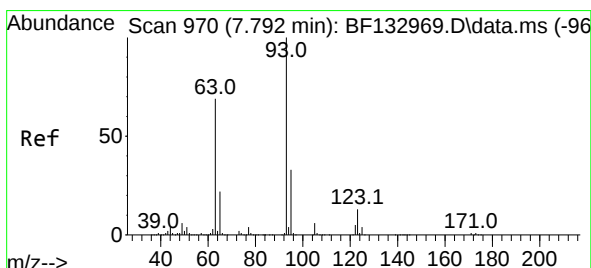
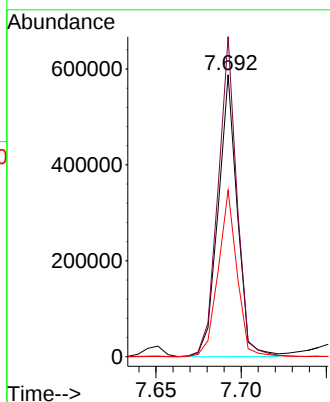
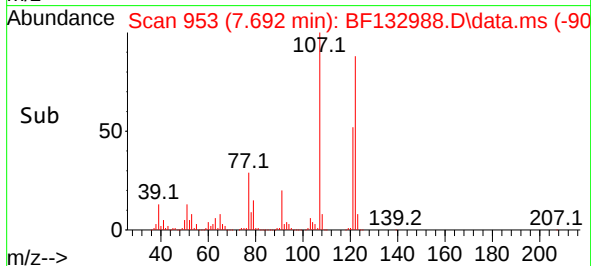


Tgt Ion:	122	Resp:	460264
Ion	Ratio	Lower	Upper
122	100		
107	113.5	89.7	134.5
121	59.0	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.623 ng

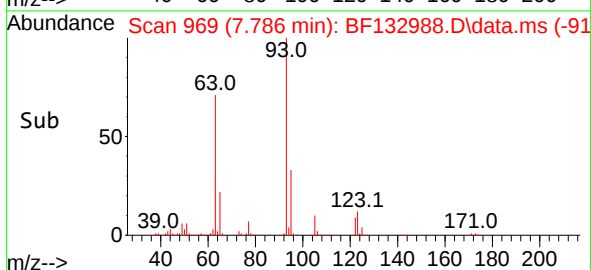
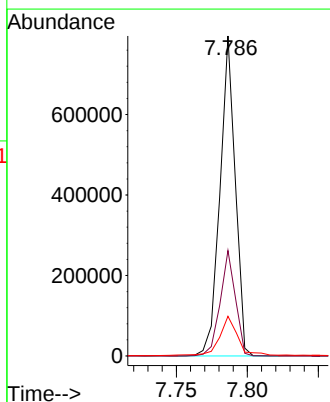
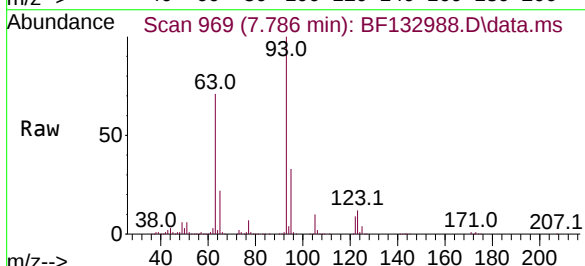
RT: 7.786 min Scan# 969

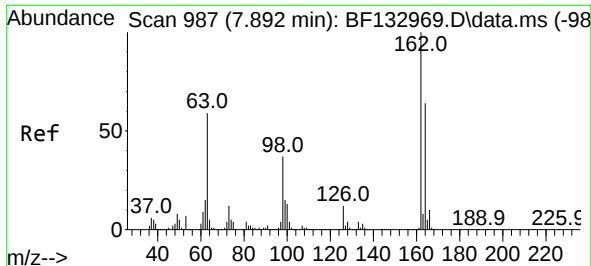
Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Tgt Ion:	93	Resp:	593960
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	12.4	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 38.881 ng

RT: 7.892 min Scan# 98

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

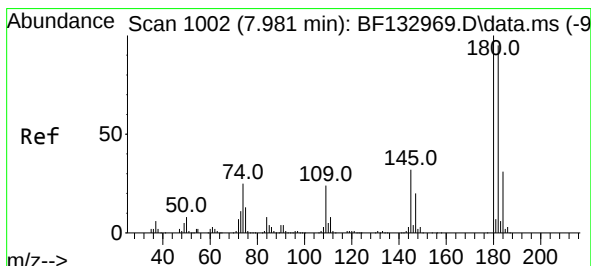
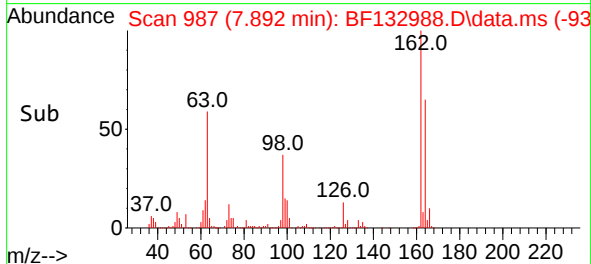
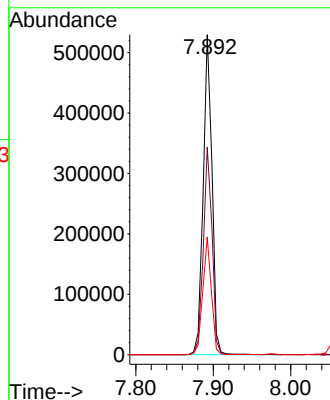
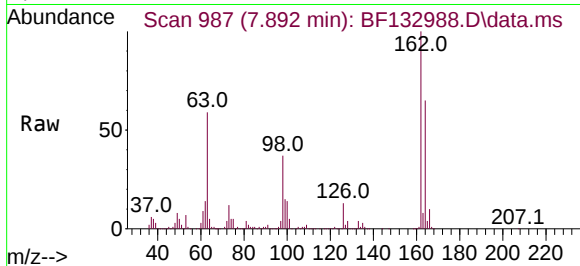
Tgt	Ion:162	Resp:	41693
Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.9	83.9
98	36.8	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.084 ng

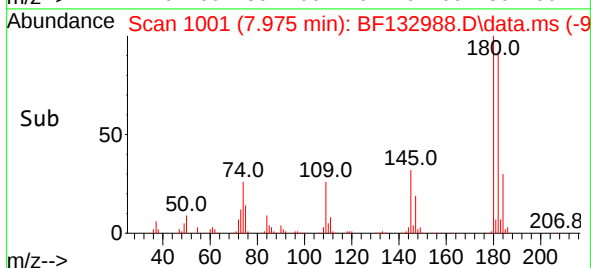
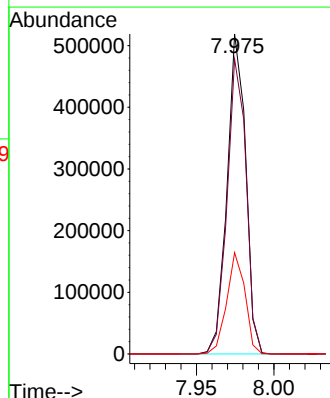
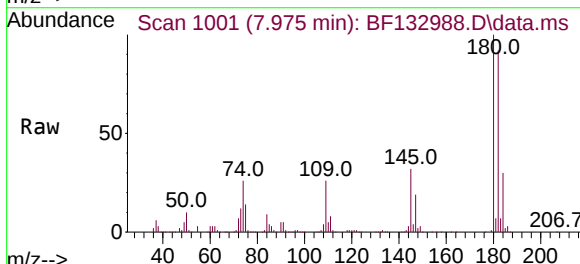
RT: 7.975 min Scan# 1001

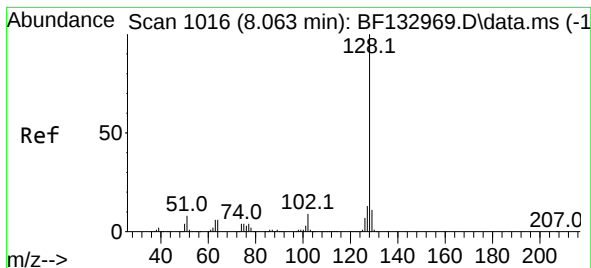
Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Tgt Ion:180	Resp: 434198
Ion Ratio	Lower Upper
180 100	
182 92.2	75.9 113.9
145 31.7	25.3 37.9





#31

Naphthalene

Concen: 38.960 ng

RT: 8.057 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1477768

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

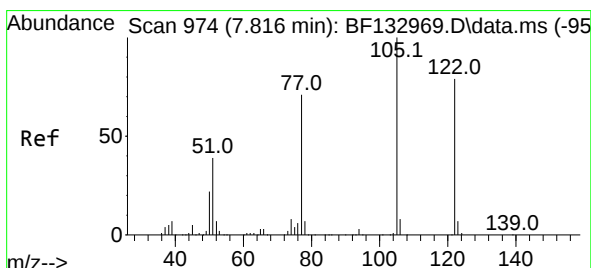
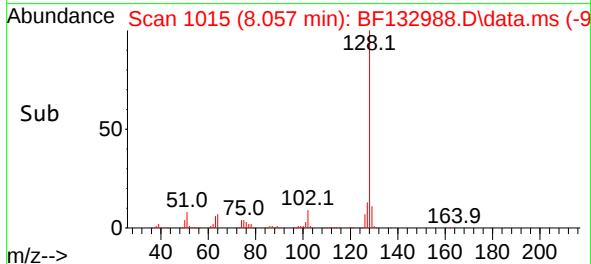
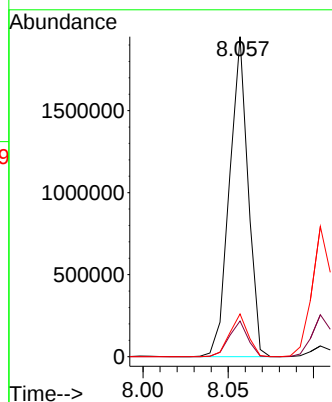
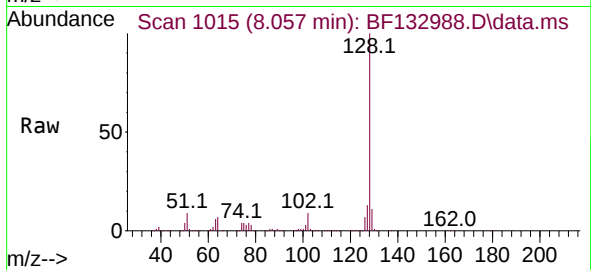
127 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#32

Benzoic acid

Concen: 45.408 ng

RT: 7.804 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

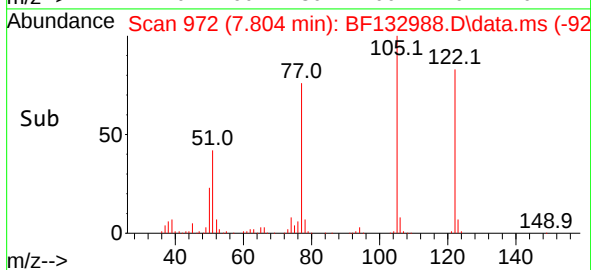
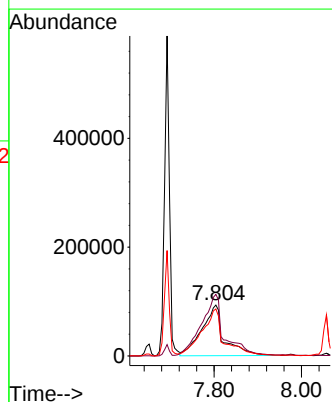
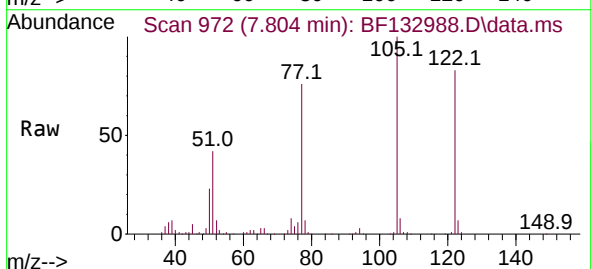
Tgt Ion:122 Resp: 330394

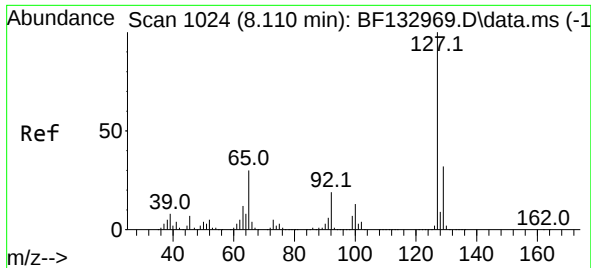
Ion Ratio Lower Upper

122 100

105 120.8 104.2 144.2

77 92.2 69.7 109.7





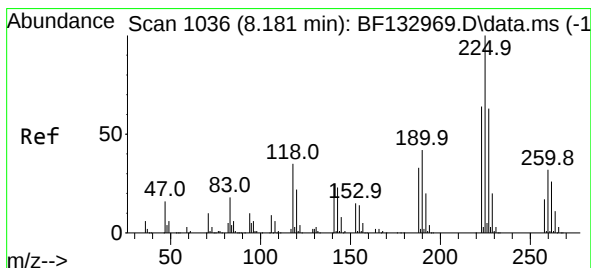
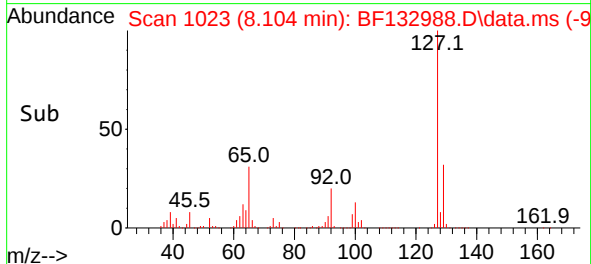
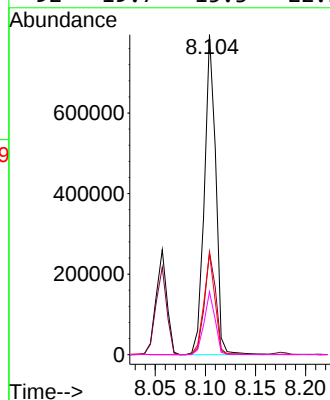
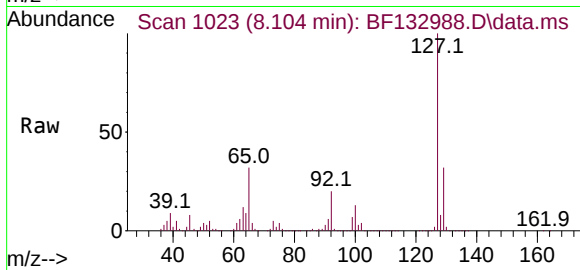
#33
4-Chloroaniline
Concen: 41.120 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	630184
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.8	38.8
65	31.7	23.6	35.4
92	19.7	15.3	22.9

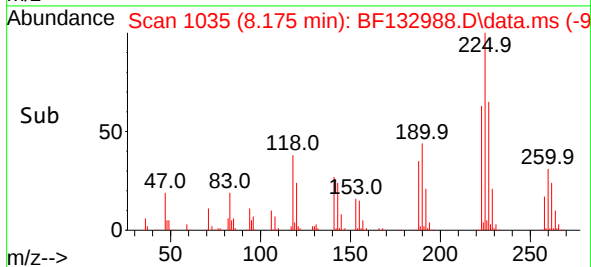
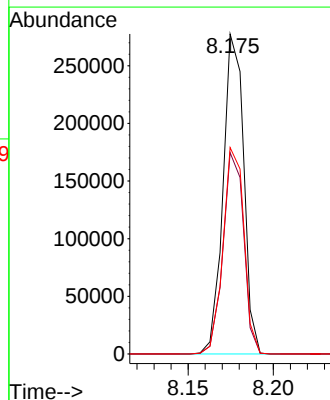
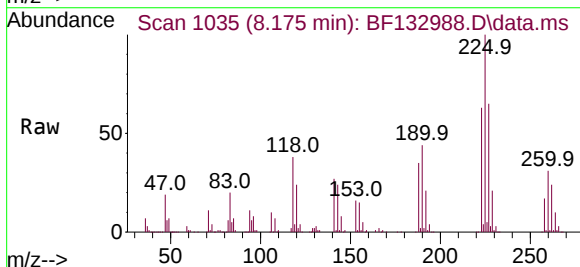
Manual Integrations
APPROVED

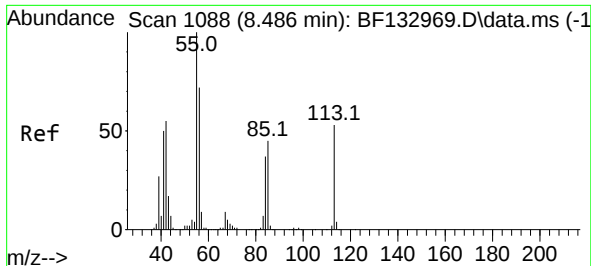
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#34
Hexachlorobutadiene
Concen: 37.877 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

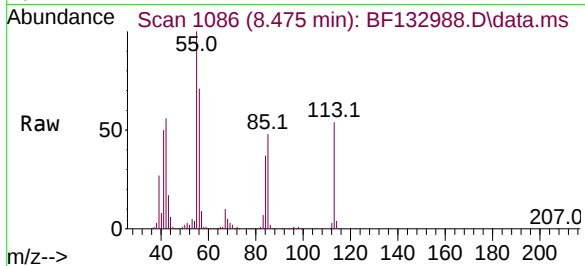
Tgt Ion:	225	Resp:	233224
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.9	76.3
227	64.5	50.3	75.5





#35
 Caprolactam
 Concen: 41.363 ng m
 RT: 8.475 min Scan# 1086
 Delta R.T. -0.012 min
 Lab File: BF132988.D
 Acq: 24 Apr 2023 11:26

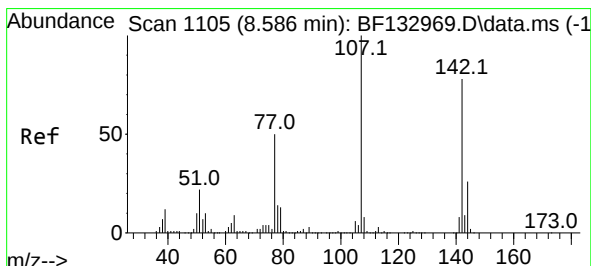
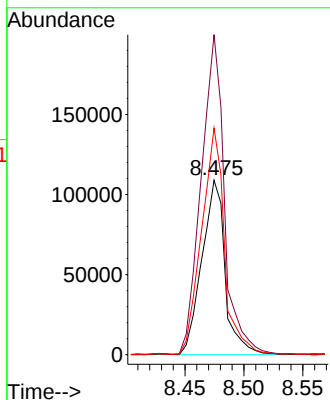
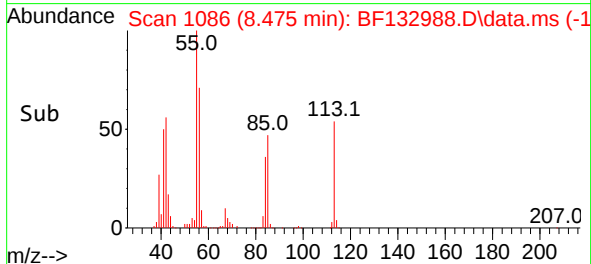
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 149000
 Ion Ratio Lower Upper
 113 100
 55 183.5 167.1 207.1
 56 129.9 114.5 154.5

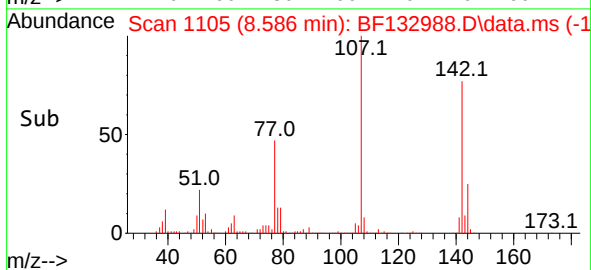
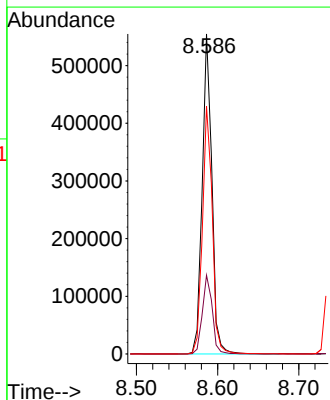
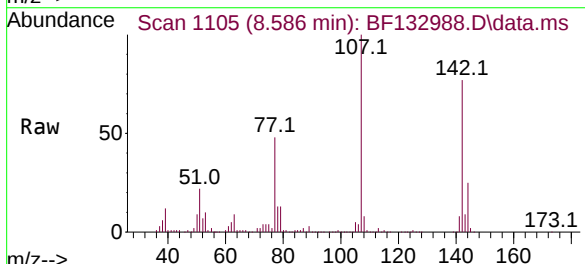
Manual Integrations
 APPROVED

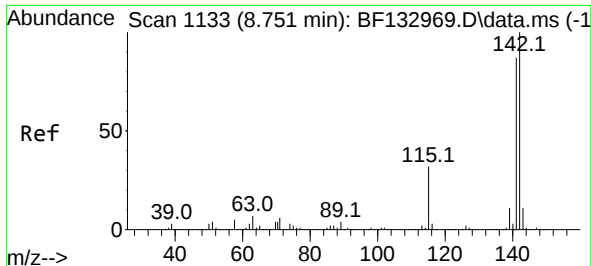
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.561 ng
 RT: 8.586 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: BF132988.D
 Acq: 24 Apr 2023 11:26

Tgt Ion:107 Resp: 457477
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.6 30.8
 142 77.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.162 ng

RT: 8.745 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 989640

Ion Ratio Lower Upper

142 100

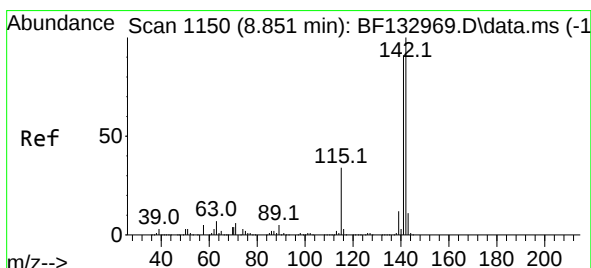
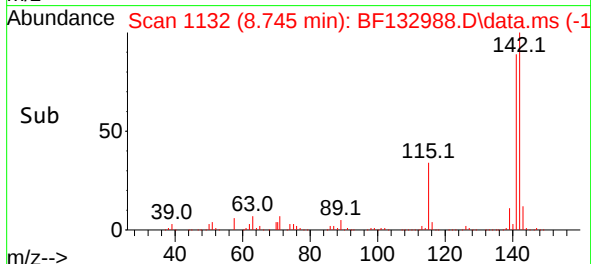
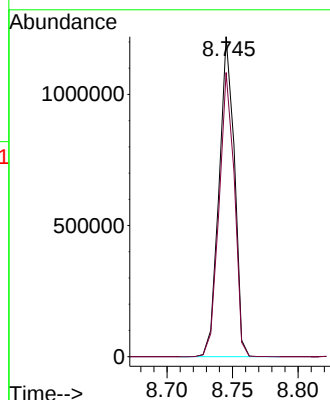
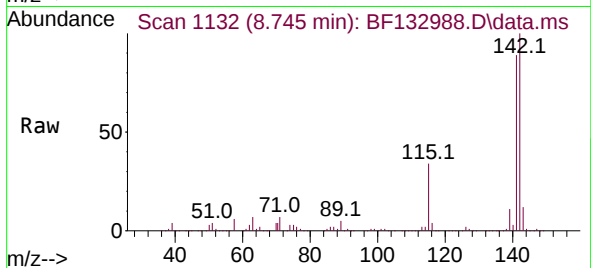
141 88.8 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#38

1-Methylnaphthalene

Concen: 38.720 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132988.D

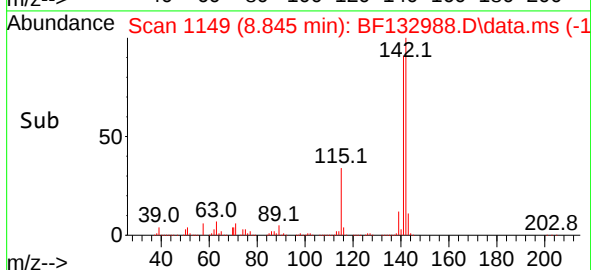
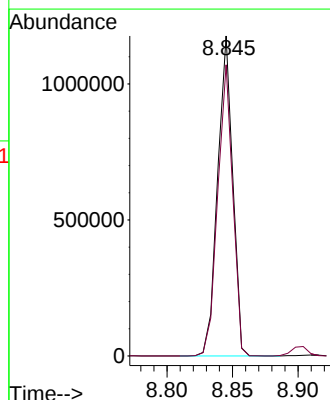
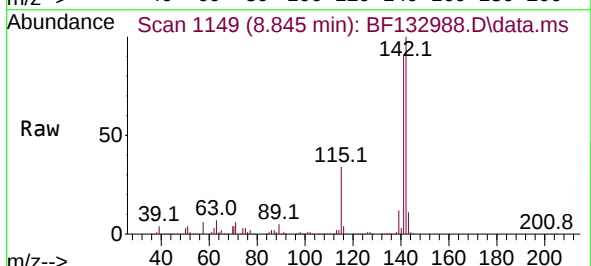
Acq: 24 Apr 2023 11:26

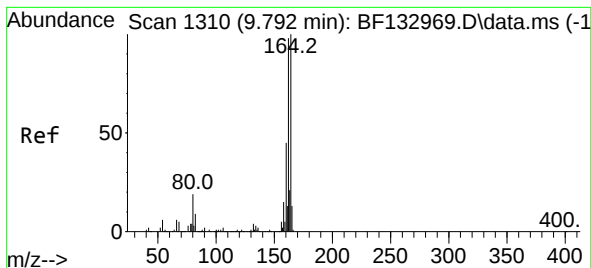
Tgt Ion:142 Resp: 939324

Ion Ratio Lower Upper

142 100

141 91.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 11309

Delta R.T. -0.006 min

Lab File: BF132988.D

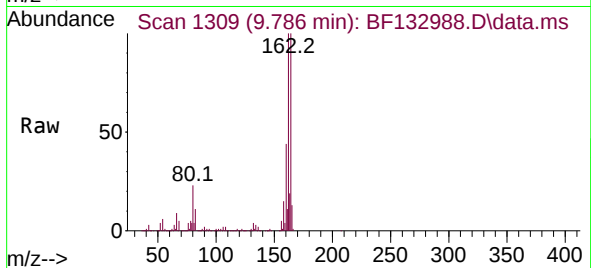
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 378508

Ion Ratio Lower Upper

164 100

162 100.1 78.7 118.1

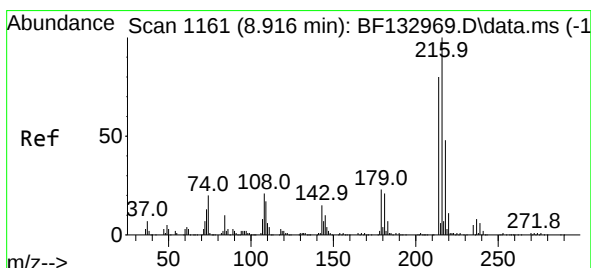
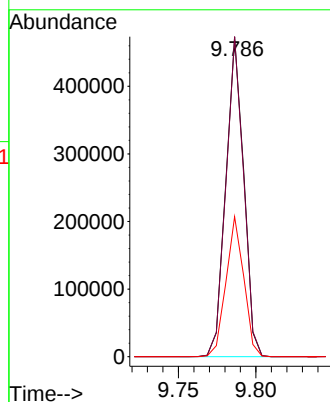
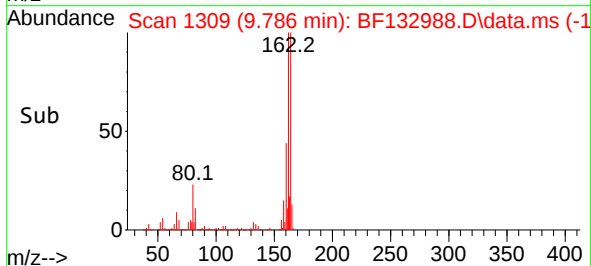
160 43.8 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.864 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Tgt Ion:216 Resp: 395521

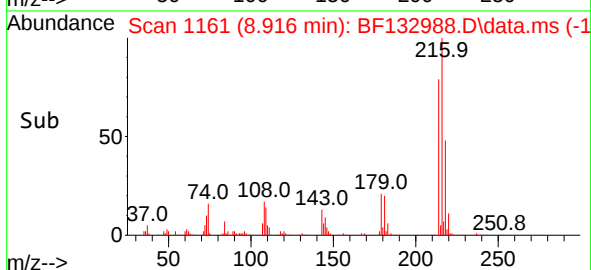
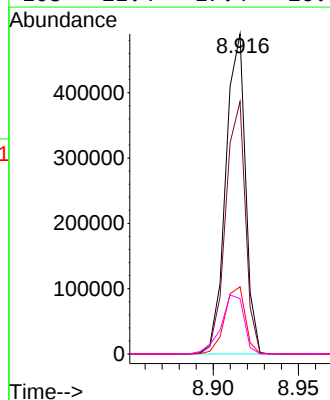
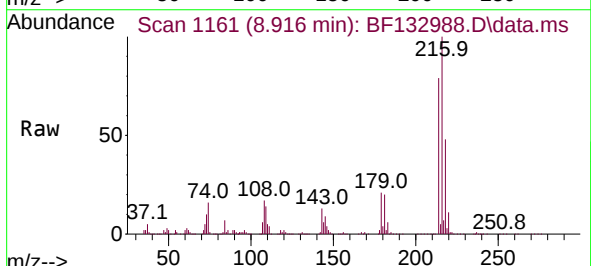
Ion Ratio Lower Upper

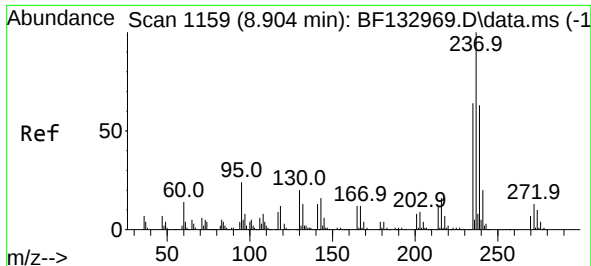
216 100

214 78.8 63.5 95.3

179 21.8 17.4 26.2

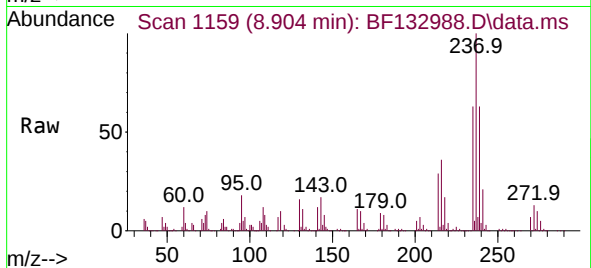
108 21.4 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 40.023 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

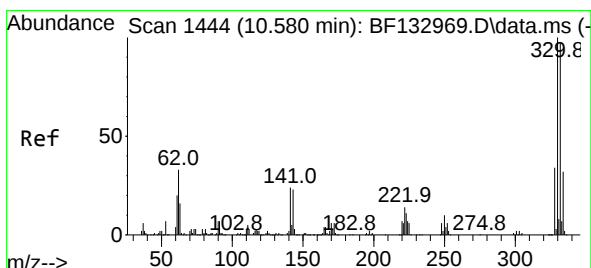
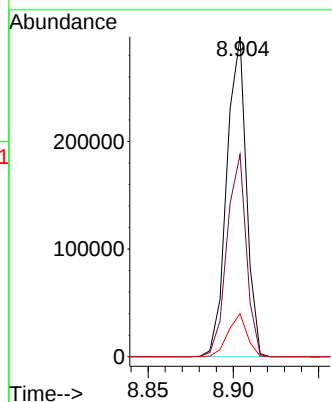
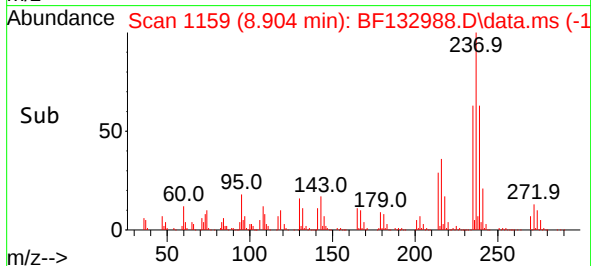
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



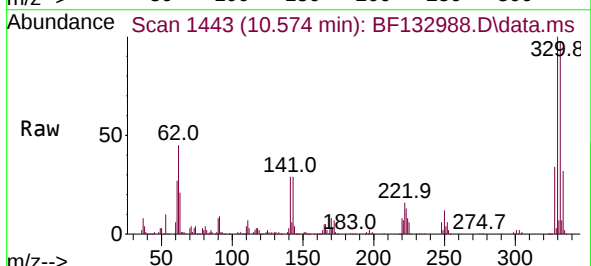
Tgt Ion:237 Resp: 23754
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.4 0.0 32.7

Manual Integrations
APPROVED

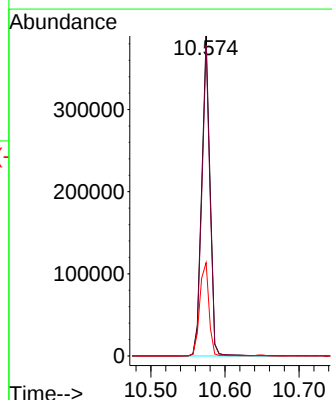
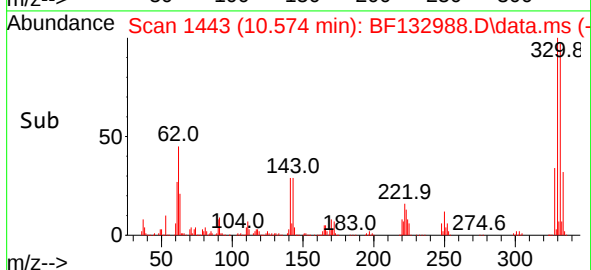
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

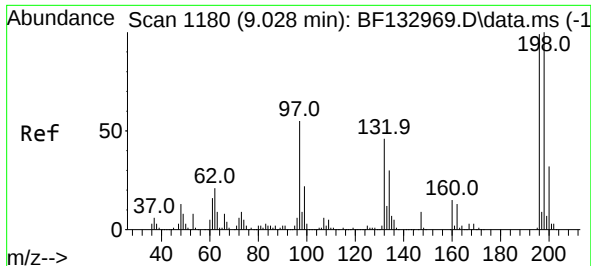


#42
2,4,6-Tribromophenol
Concen: 79.247 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



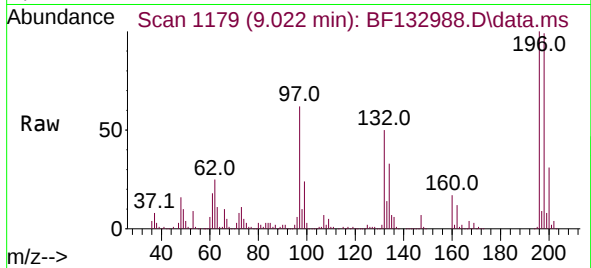
Tgt Ion:330 Resp: 301665
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 32.5 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 39.441 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

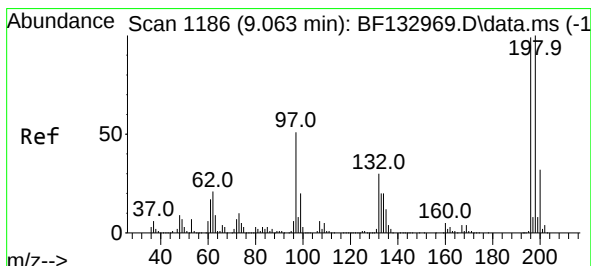
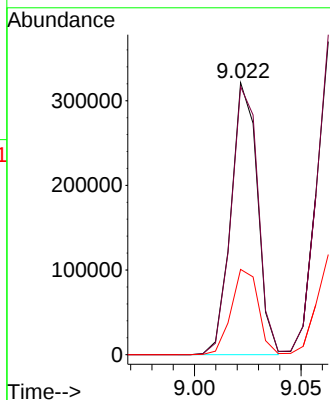
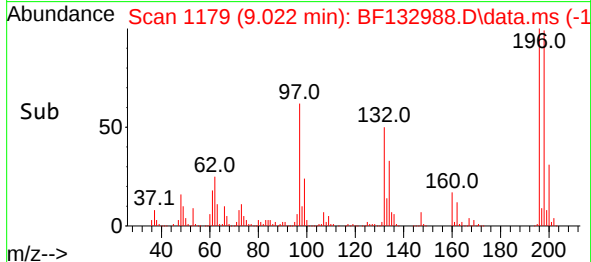
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



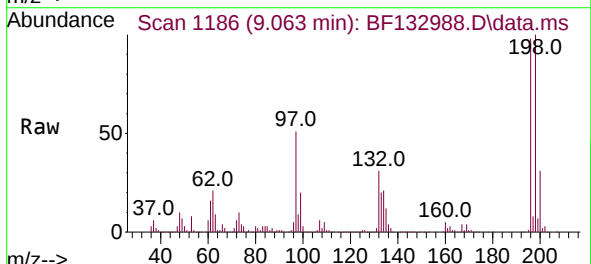
Tgt Ion:196 Resp: 27758
Ion Ratio Lower Upper
196 100
198 98.5 81.0 121.6
200 31.4 26.1 39.1

Manual Integrations
APPROVED

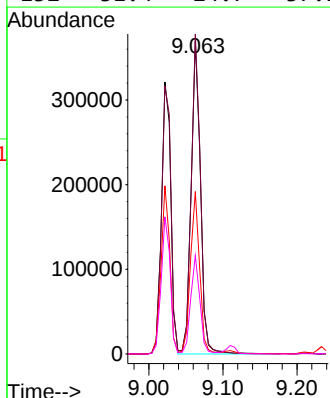
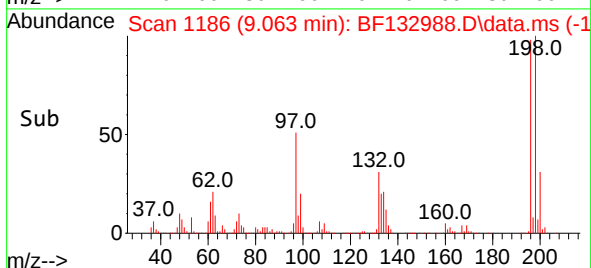
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

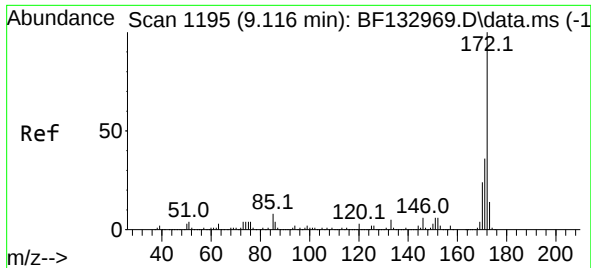


#44
2,4,5-Trichlorophenol
Concen: 40.043 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion:196 Resp: 325944
Ion Ratio Lower Upper
196 100
198 102.2 80.9 121.3
97 51.9 41.3 61.9
132 31.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 79.900 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

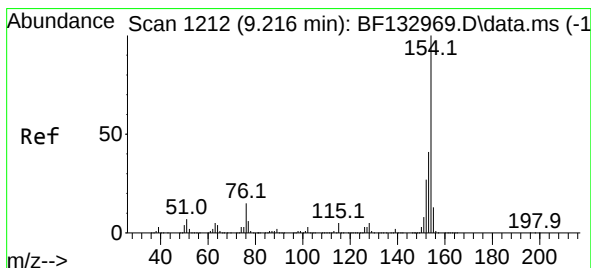
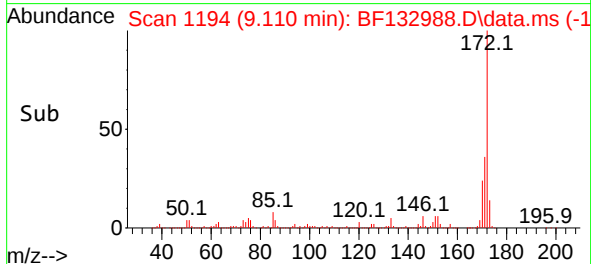
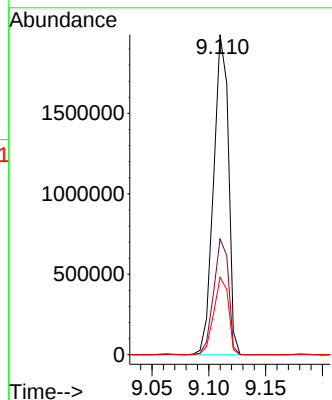
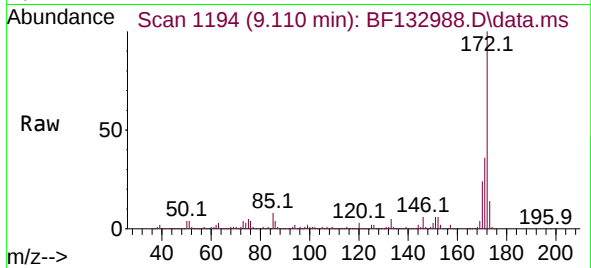
SSTDCCC040

Tgt Ion:172 Resp: 1807709
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.2 19.4 29.2

Manual Integrations

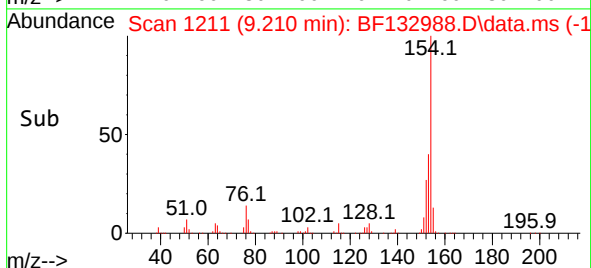
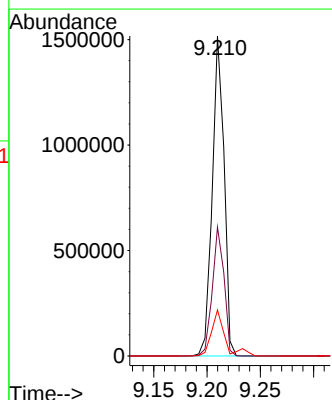
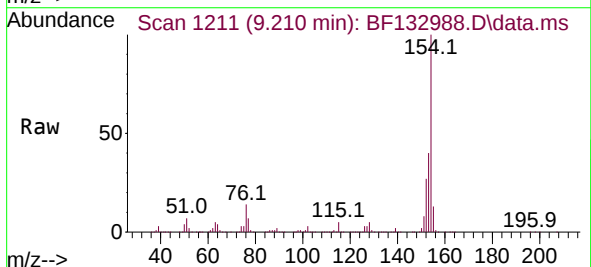
APPROVED

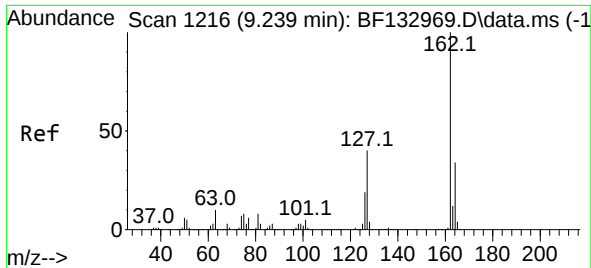
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#46
1,1'-Biphenyl
Concen: 39.015 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:154 Resp: 1170987
Ion Ratio Lower Upper
154 100
153 40.3 21.0 61.0
76 14.3 0.0 34.5





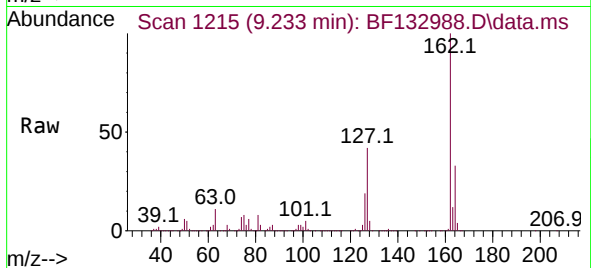
#47
2-Chloronaphthalene
Concen: 38.803 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

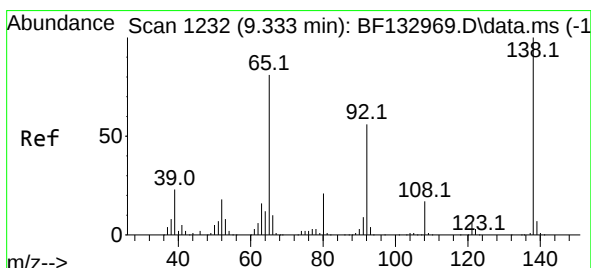
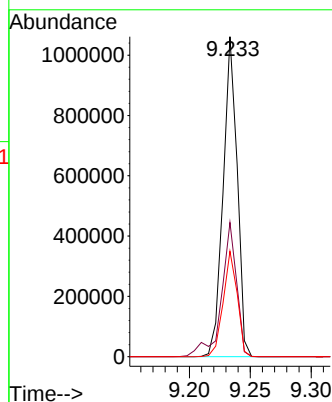
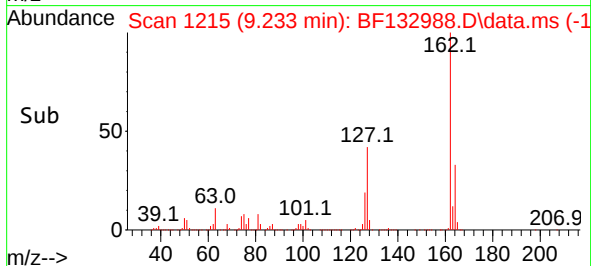


Tgt Ion:162 Resp: 85243
Ion Ratio Lower Upper
162 100
127 41.9 32.3 48.5
164 33.0 26.8 40.2

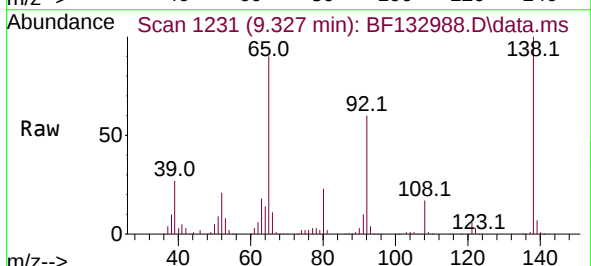
Manual Integrations

APPROVED

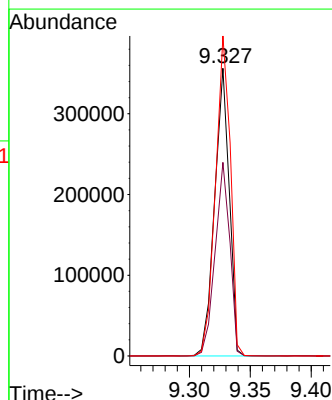
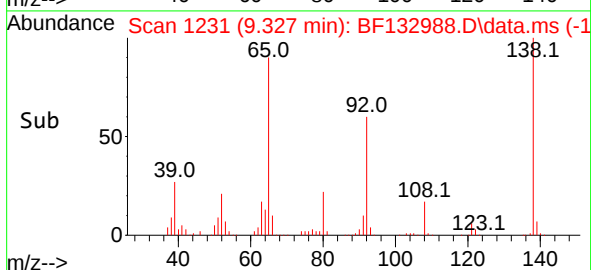
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

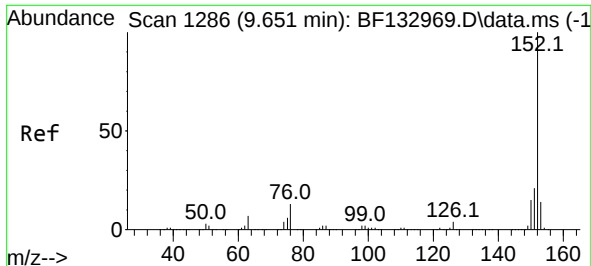


#48
2-Nitroaniline
Concen: 41.004 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion: 65 Resp: 297704
Ion Ratio Lower Upper
65 100
92 67.3 55.4 83.0
138 111.2 98.2 147.2





#49

Acenaphthylene

Concen: 39.143 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF132988.D

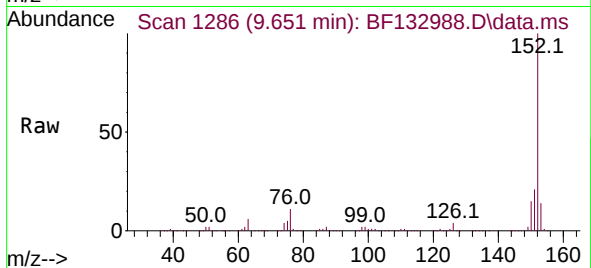
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 137398

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

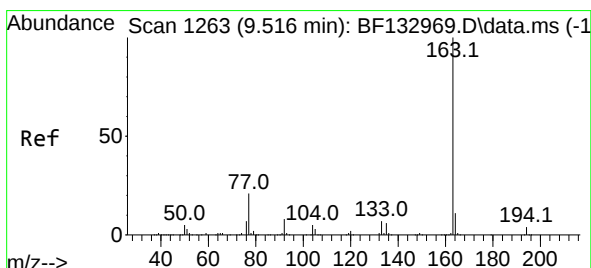
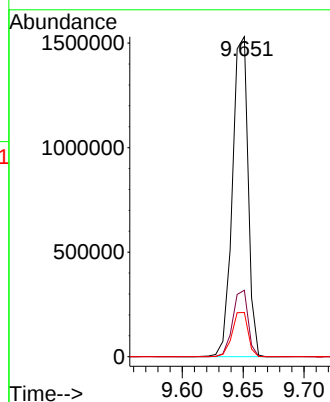
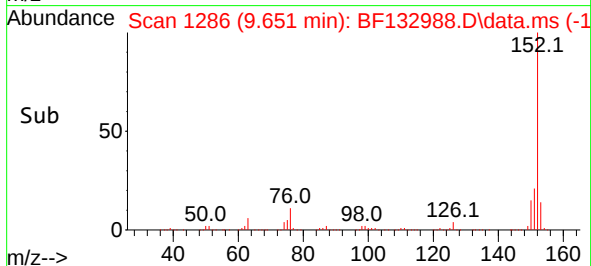
153 13.8 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#50

Dimethylphthalate

Concen: 38.639 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

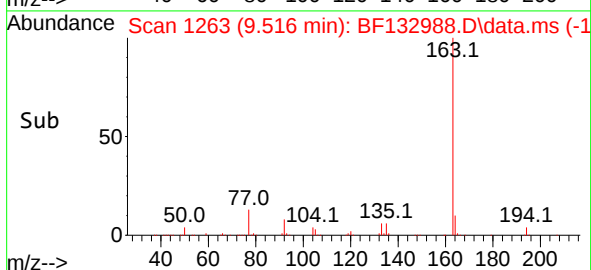
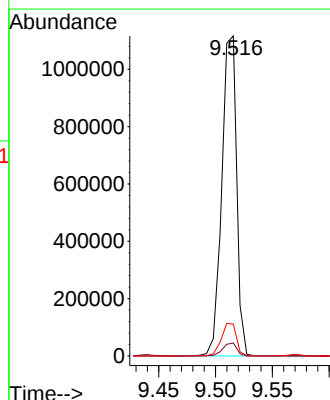
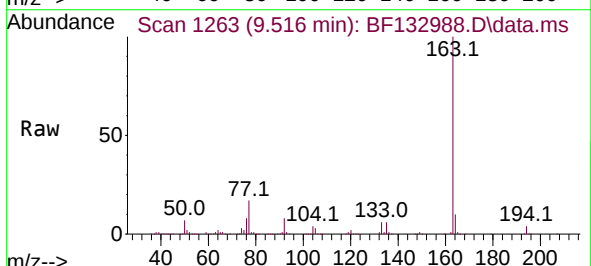
Tgt Ion:163 Resp: 1019790

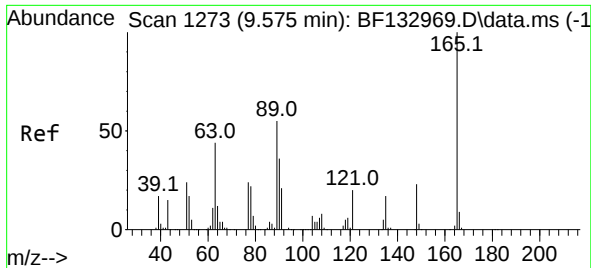
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

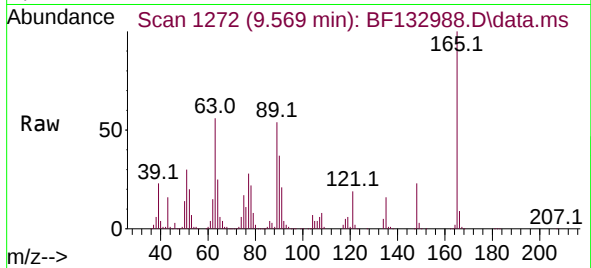
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.160 ng
RT: 9.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

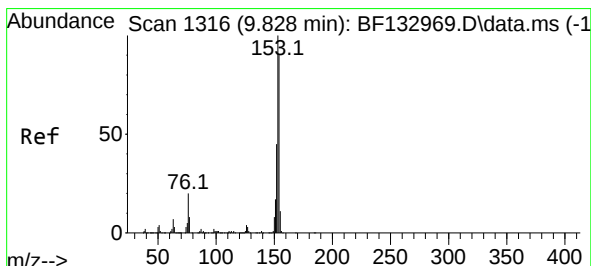
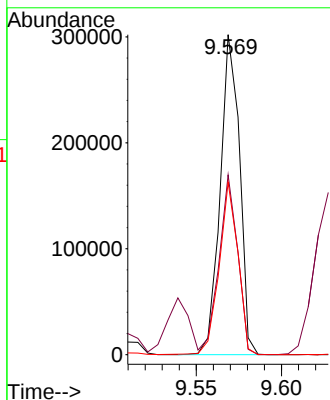
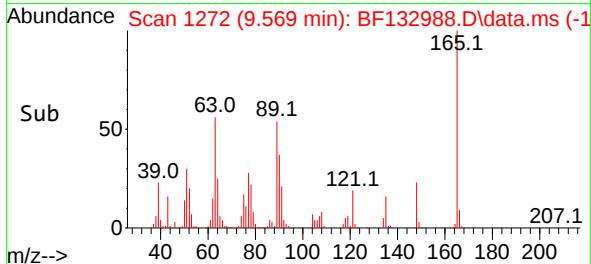
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 238560
Ion Ratio Lower Upper
165 100
63 56.2 45.9 68.9
89 53.9 44.0 66.0

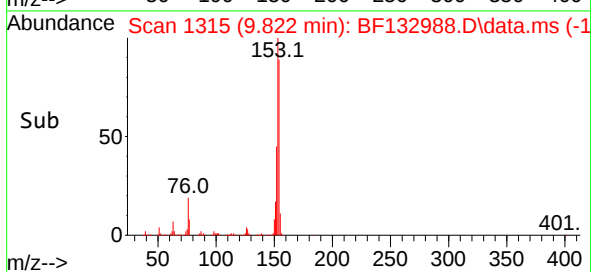
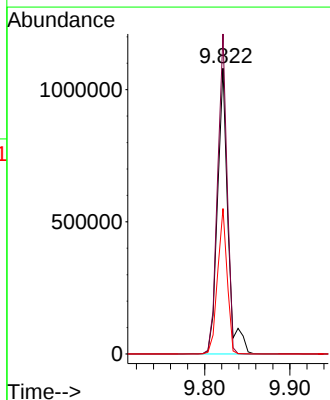
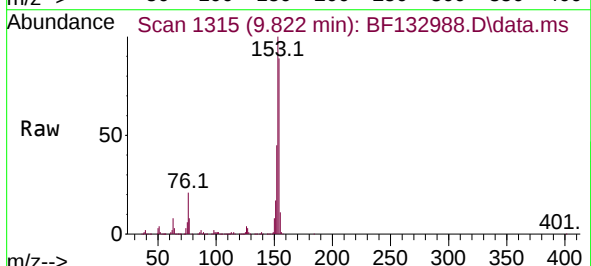
Manual Integrations
APPROVED

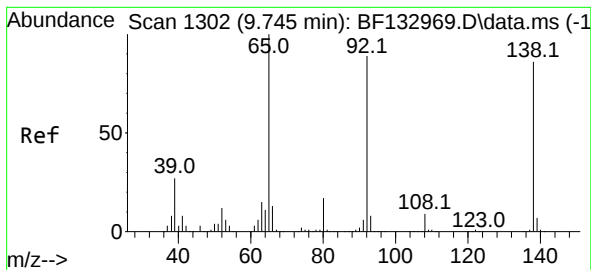
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#52
Acenaphthene
Concen: 39.003 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

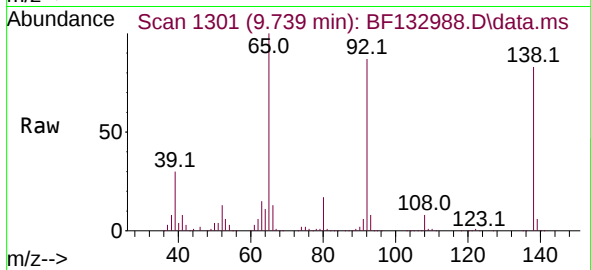
Tgt Ion:154 Resp: 916953
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.6
152 50.9 40.4 60.6





#53
3-Nitroaniline
Concen: 40.998 ng
RT: 9.739 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

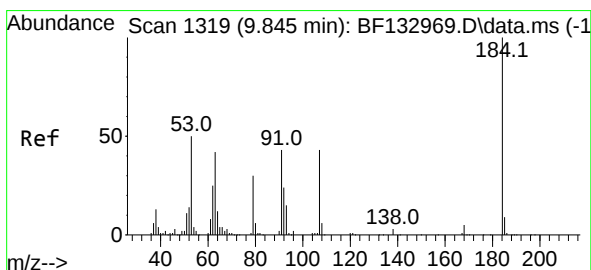
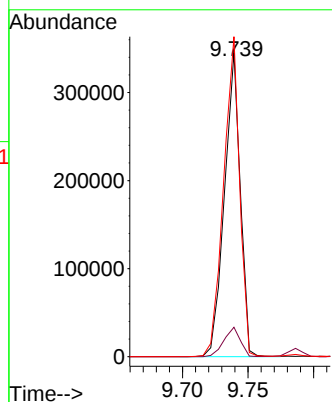
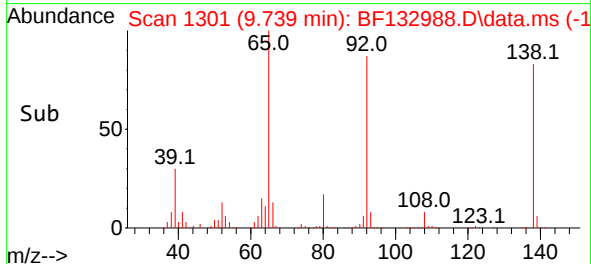
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 289574
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 105.2 83.6 125.4

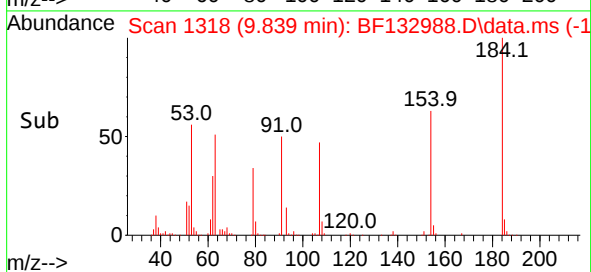
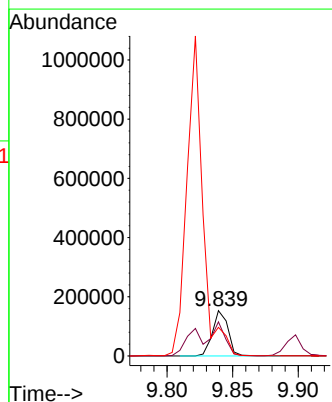
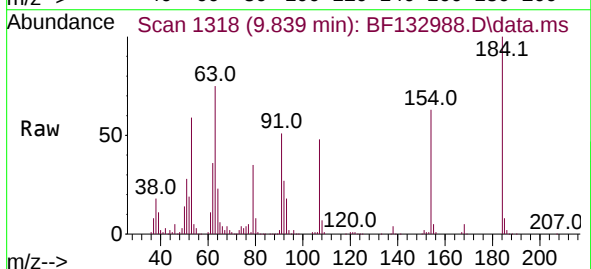
Manual Integrations
APPROVED

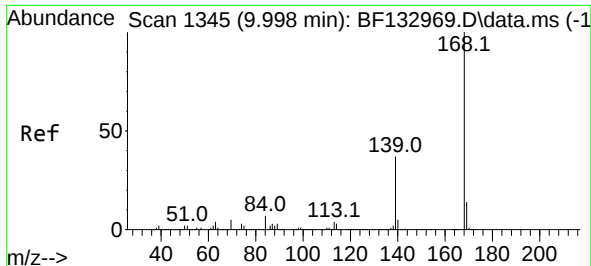
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#54
2,4-Dinitrophenol
Concen: 42.362 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:184 Resp: 126489
Ion Ratio Lower Upper
184 100
63 75.4 49.8 74.8#
154 63.4 49.5 74.3





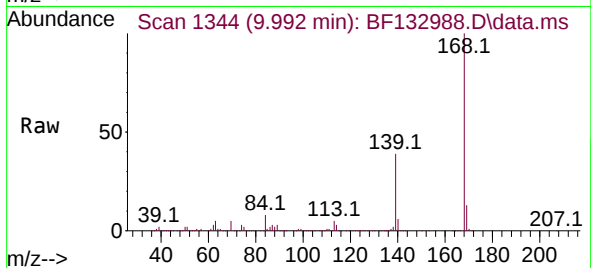
#55
Dibenzofuran
Concen: 38.646 ng
RT: 9.992 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

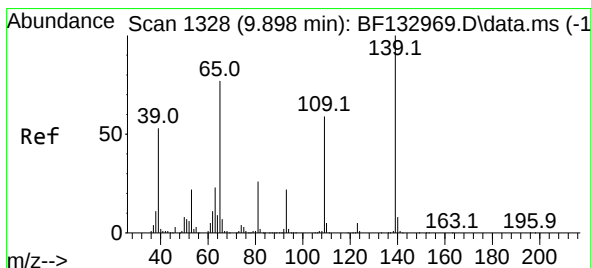
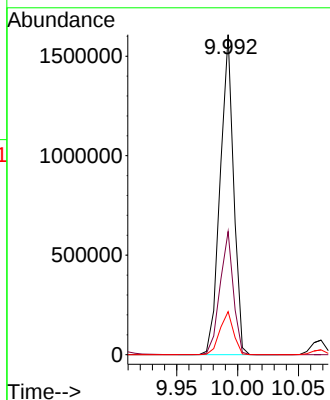
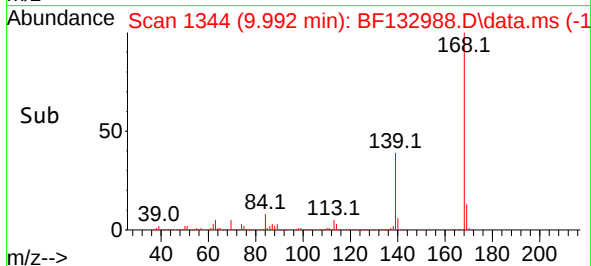


Tgt Ion:168 Resp: 123933
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.8
169 13.4 10.8 16.2

Manual Integrations

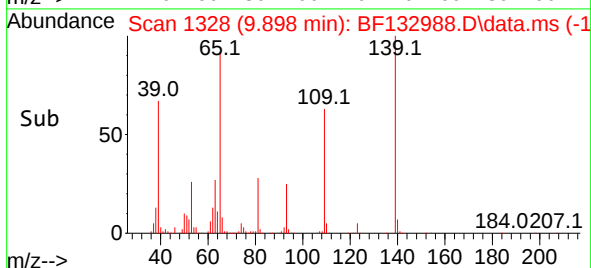
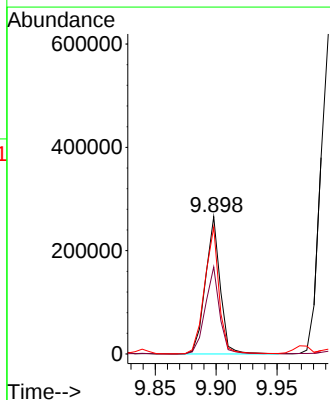
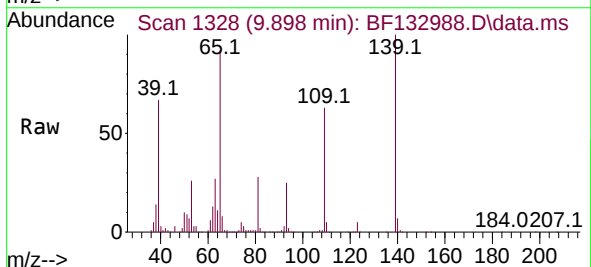
APPROVED

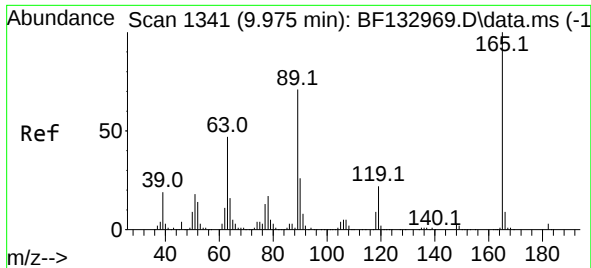
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#56
4-Nitrophenol
Concen: 40.750 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:139 Resp: 222926
Ion Ratio Lower Upper
139 100
109 63.4 39.4 79.4
65 92.3 57.5 97.5





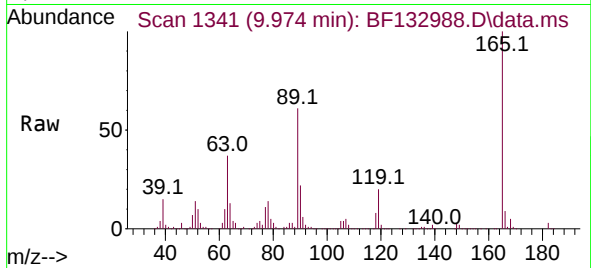
#57
2,4-Dinitrotoluene
Concen: 41.101 ng
RT: 9.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



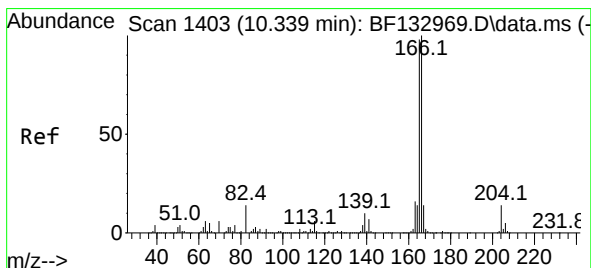
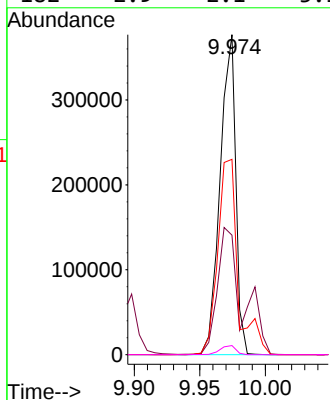
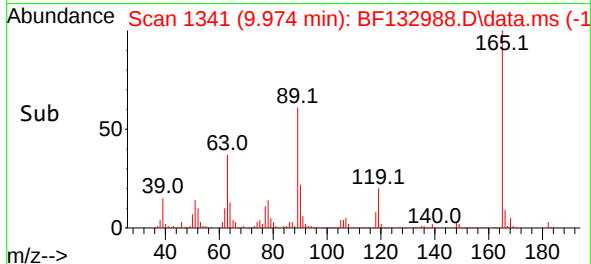
Tgt Ion:165 Resp: 311360
Ion Ratio Lower Upper
165 100
63 37.3 37.7 56.5
89 61.0 57.0 85.4
182 2.9 2.1 3.1

Manual Integrations

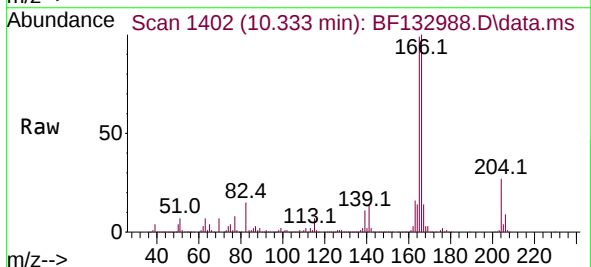
APPROVED

Reviewed By :Christian Giraldo 04/25/2023

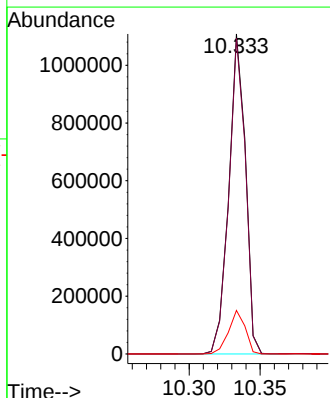
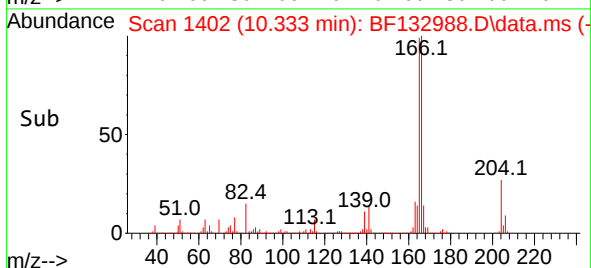
Supervised By :Jagrut Upadhyay 04/25/2023

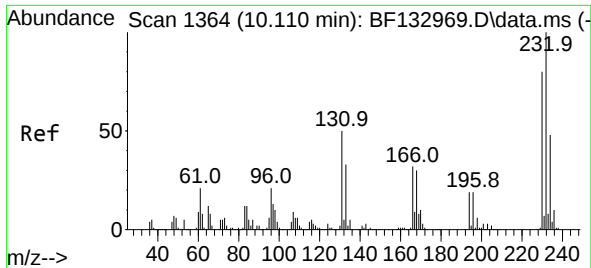


#58
Fluorene
Concen: 38.461 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



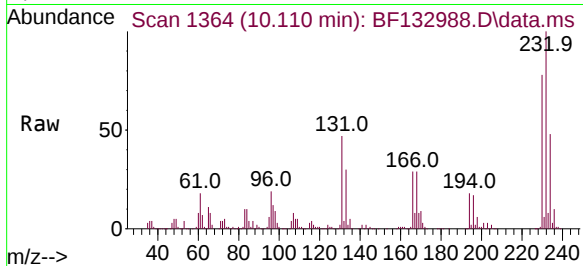
Tgt Ion:166 Resp: 903642
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.462 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

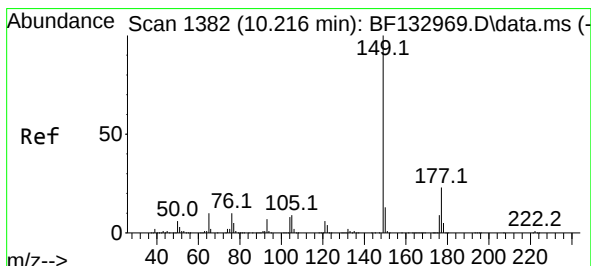
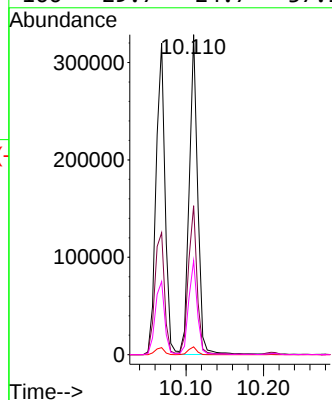
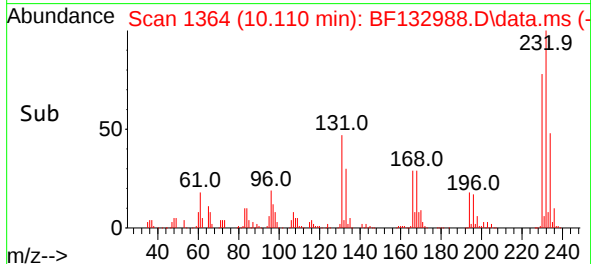
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



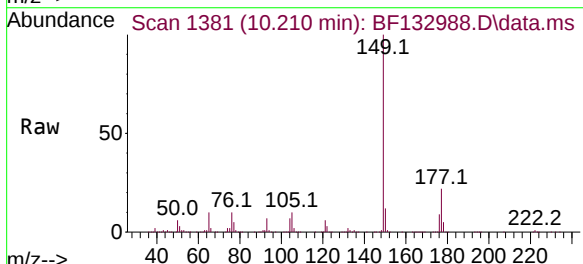
Tgt Ion:232 Resp: 249024
Ion Ratio Lower Upper
232 100
131 48.0 38.0 57.0
130 2.4 1.8 2.8
166 29.7 24.7 37.1

Manual Integrations
APPROVED

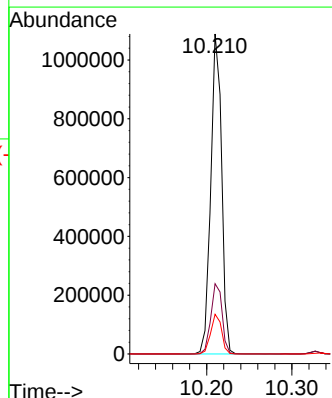
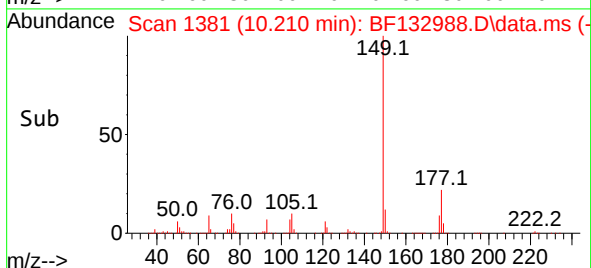
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

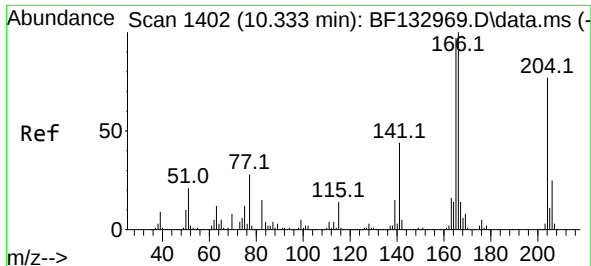


#60
Diethylphthalate
Concen: 38.735 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion:149 Resp: 965639
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.872 ng
RT: 10.327 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

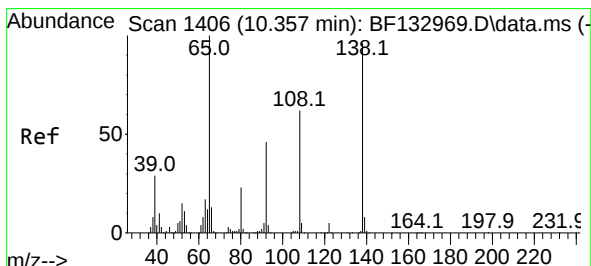
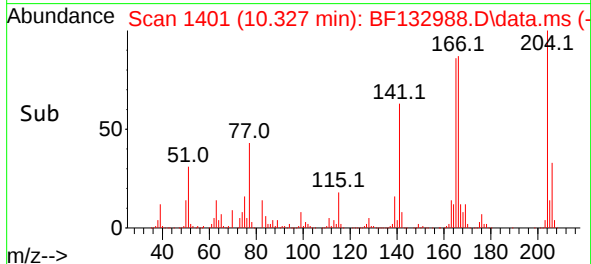
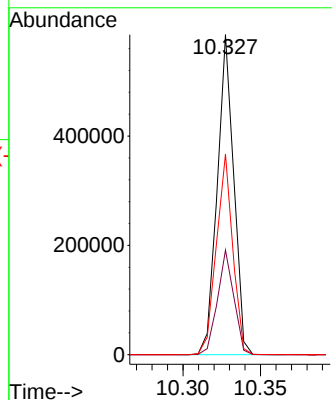
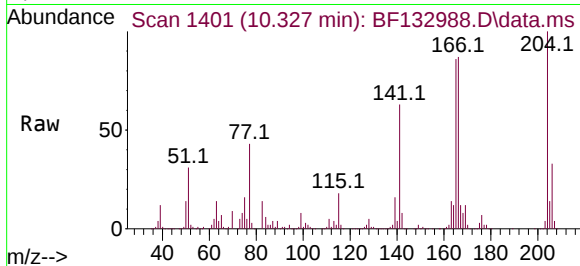
SSTDCCC040

Tgt Ion:204 Resp: 43362
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 62.7 46.1 69.1

Manual Integrations

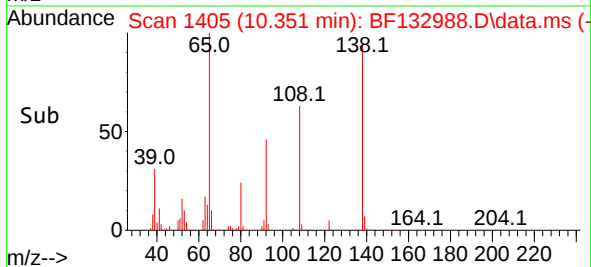
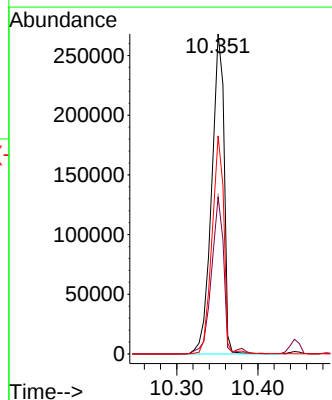
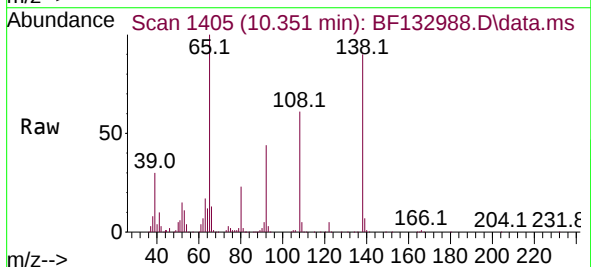
APPROVED

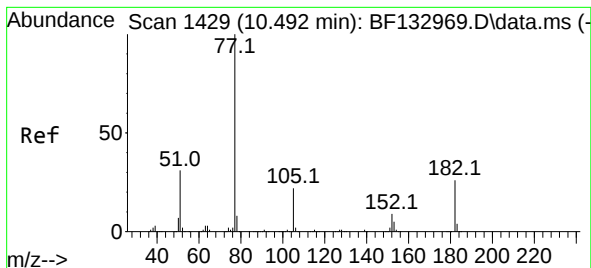
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#62
4-Nitroaniline
Concen: 43.964 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

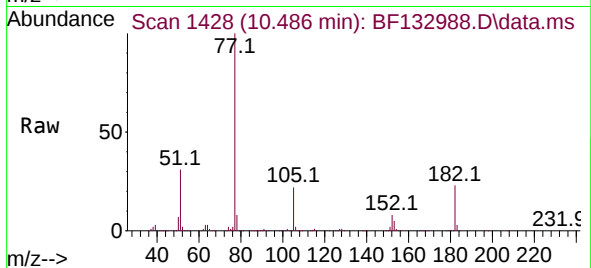
Tgt Ion:138 Resp: 285399
Ion Ratio Lower Upper
138 100
92 49.1 27.7 67.7
108 68.2 45.2 85.2





#63
Azobenzene
Concen: 38.444 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

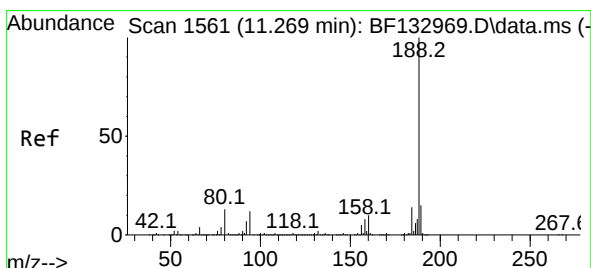
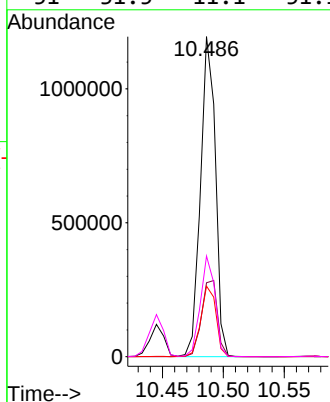
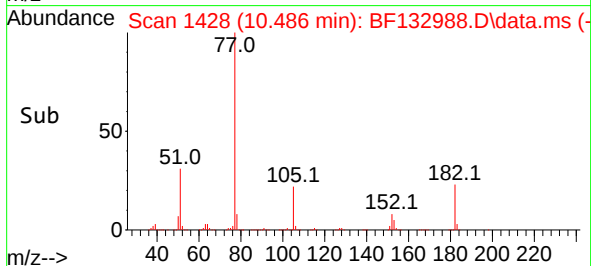
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 101526
Ion Ratio Lower Upper
77 100
182 23.1 5.9 45.9
105 22.0 2.3 42.3
51 31.5 11.1 51.1

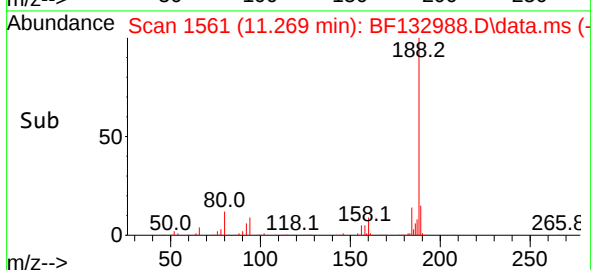
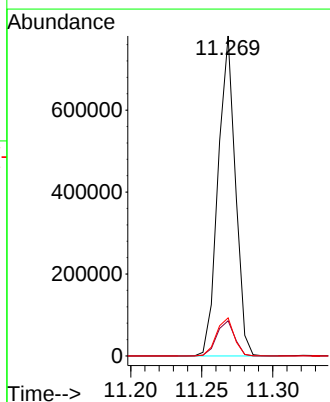
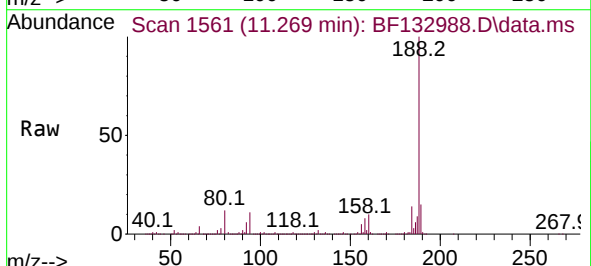
Manual Integrations
APPROVED

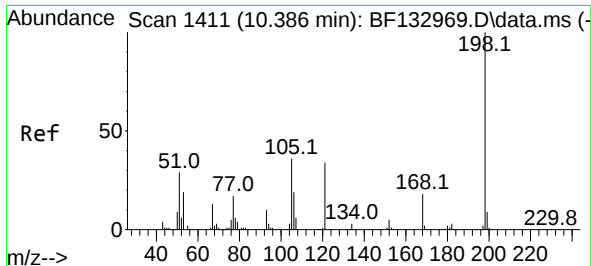
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:188 Resp: 662743
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.9 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.443 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

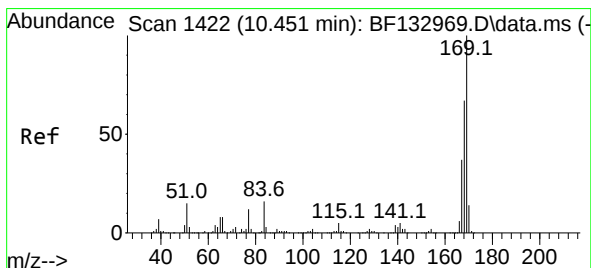
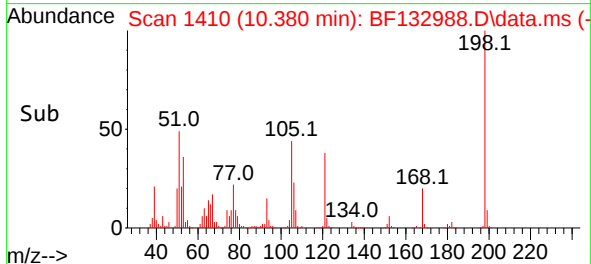
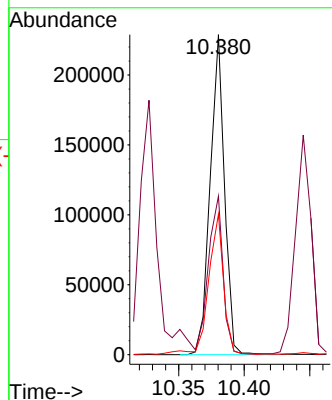
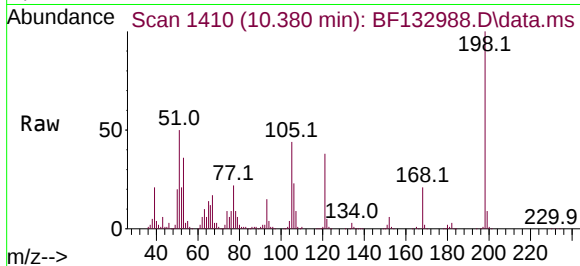
SSTDCCC040

Tgt Ion:198 Resp: 174510
Ion Ratio Lower Upper
198 100
51 49.5 15.5 55.5
105 43.9 16.7 56.7

Manual Integrations

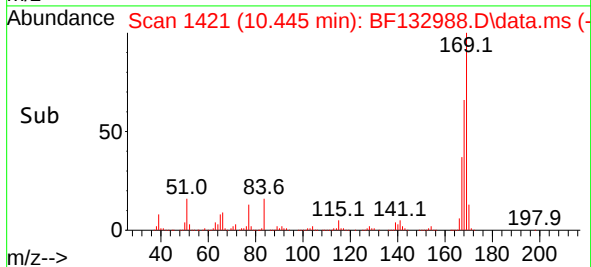
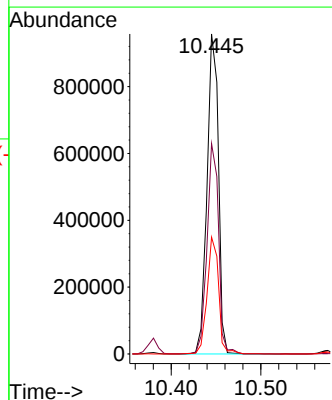
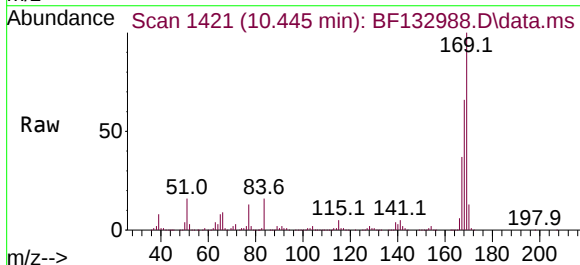
APPROVED

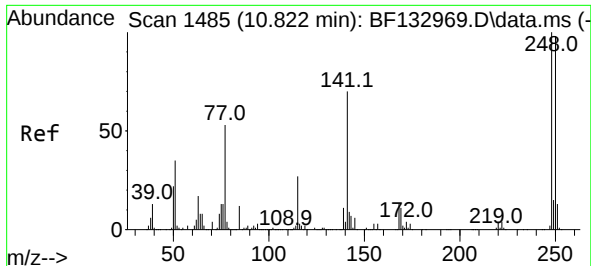
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#66
n-Nitrosodiphenylamine
Concen: 39.125 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:169 Resp: 841090
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.8
167 36.5 29.7 44.5





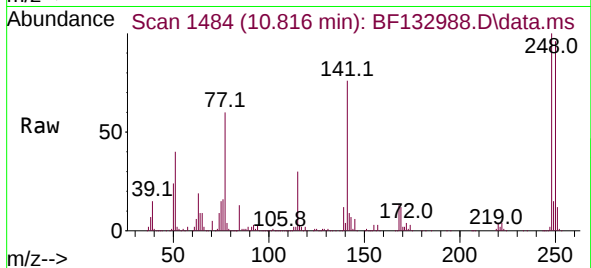
#67
4-Bromophenyl-phenylether
Concen: 38.059 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

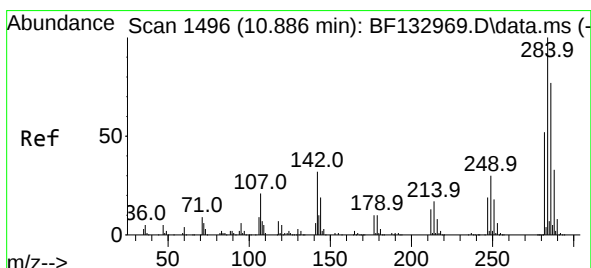
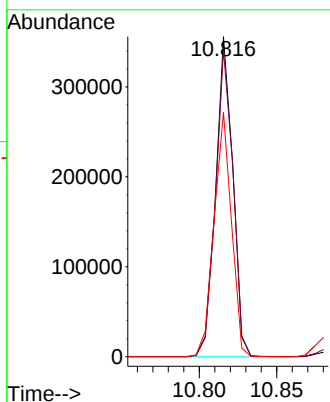
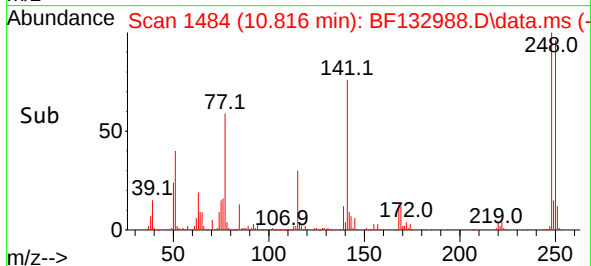


Tgt Ion:248 Resp: 273562
Ion Ratio Lower Upper
248 100
250 95.8 78.7 118.1
141 76.4 56.3 84.5

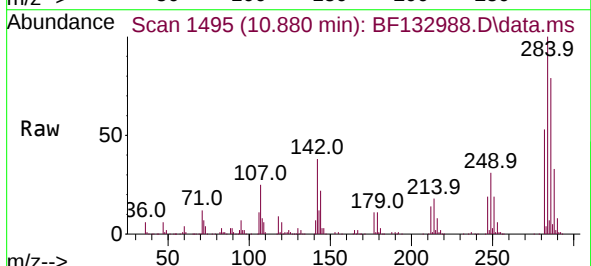
Manual Integrations

APPROVED

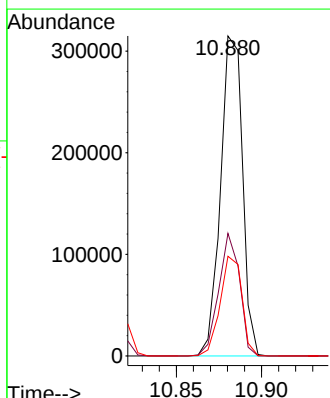
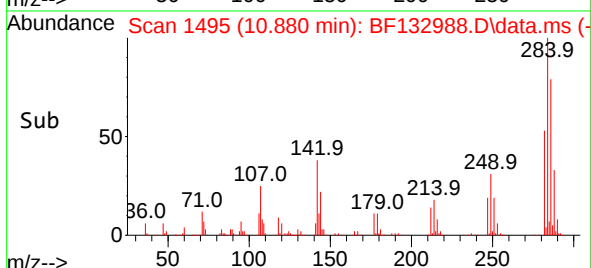
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

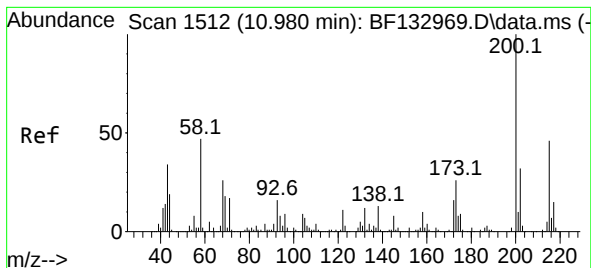


#68
Hexachlorobenzene
Concen: 38.338 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion:284 Resp: 282367
Ion Ratio Lower Upper
284 100
142 38.3 26.0 39.0
249 31.1 23.7 35.5





#69

Atrazine

Concen: 39.571 ng

RT: 10.974 min Scan# 1511

Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

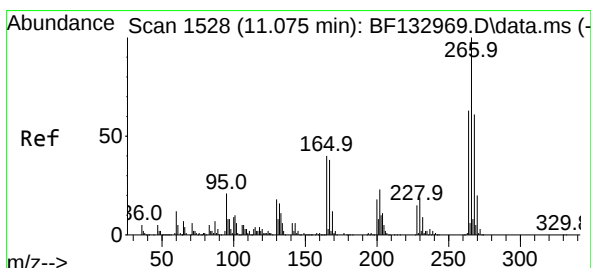
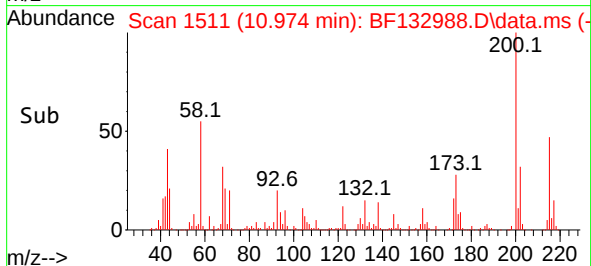
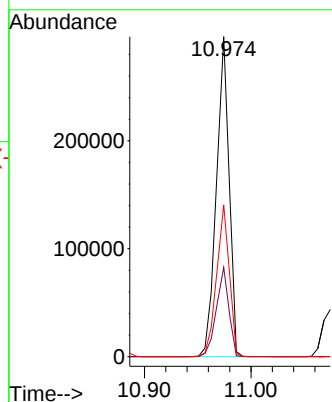
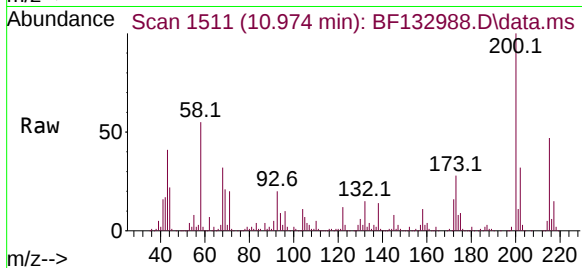
SSTDCCC040

Tgt Ion:200 Resp: 24512
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.2 46.2
 215 47.4 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023



#70

Pentachlorophenol

Concen: 40.370 ng

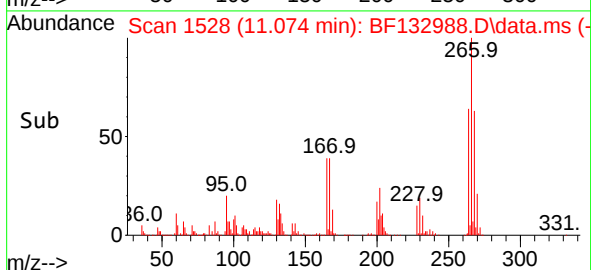
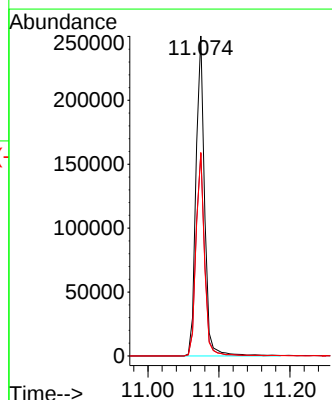
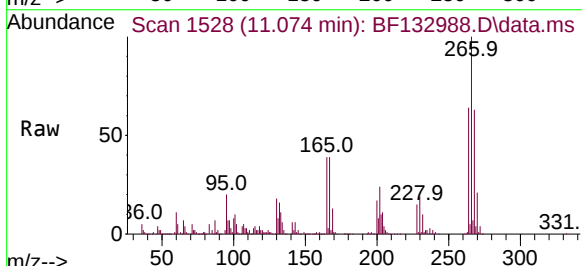
RT: 11.074 min Scan# 1528

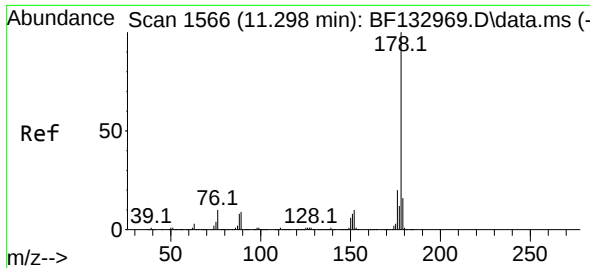
Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

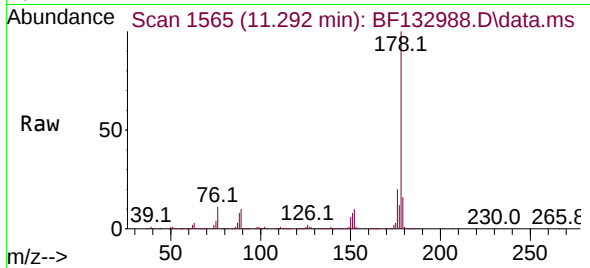
Tgt Ion:266 Resp: 211761
 Ion Ratio Lower Upper
 266 100
 268 63.4 48.8 73.2
 264 63.6 50.6 76.0





#71
Phenanthrene
Concen: 38.632 ng
RT: 11.292 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

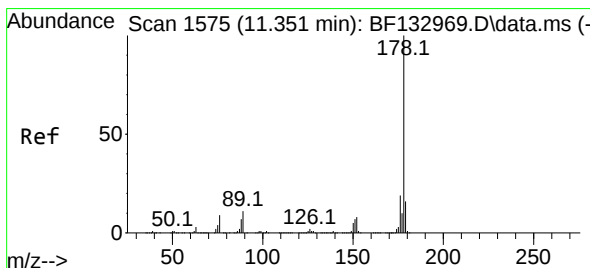
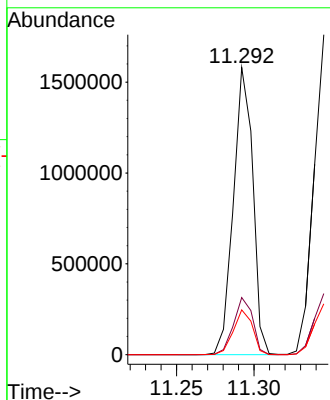
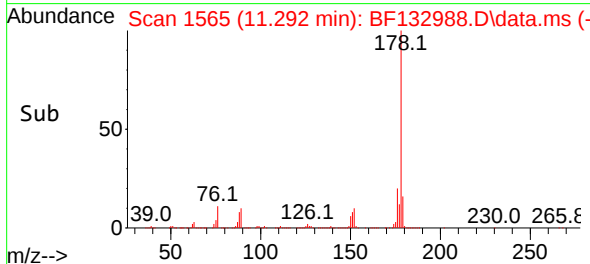
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 1376085
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.6 12.5 18.7

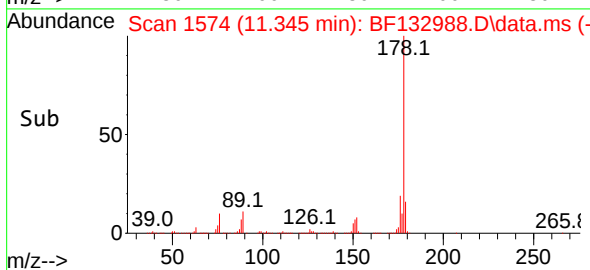
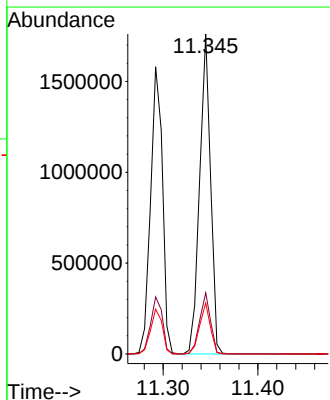
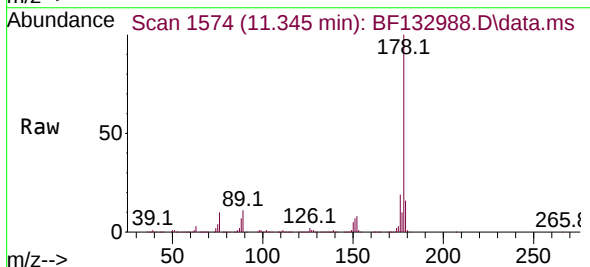
Manual Integrations
APPROVED

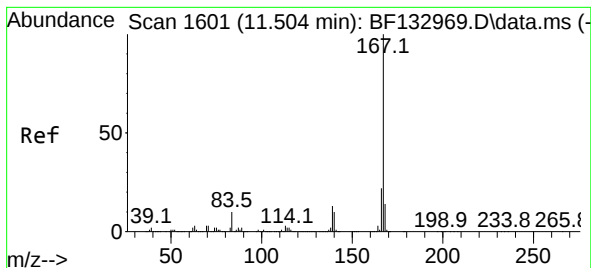
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#72
Anthracene
Concen: 38.879 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:178 Resp: 1417285
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.9 12.4 18.6





#73

Carbazole

Concen: 39.501 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 128218

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

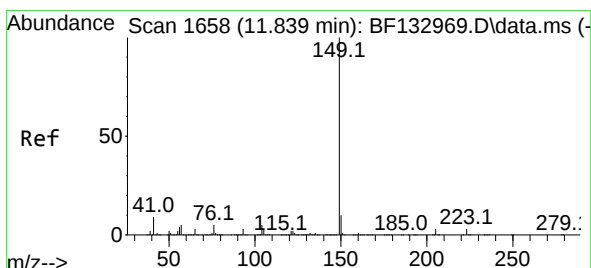
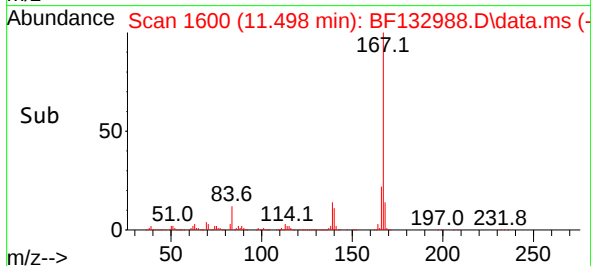
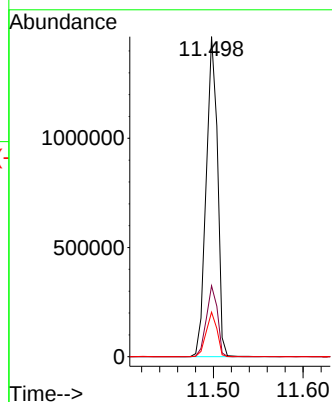
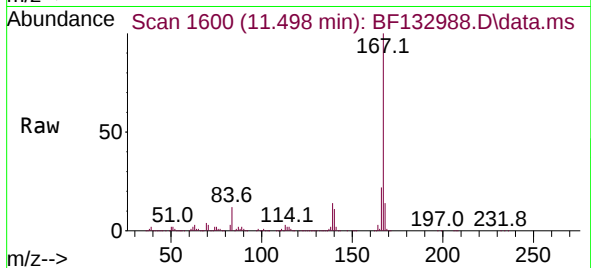
139 13.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#74

Di-n-butylphthalate

Concen: 39.593 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

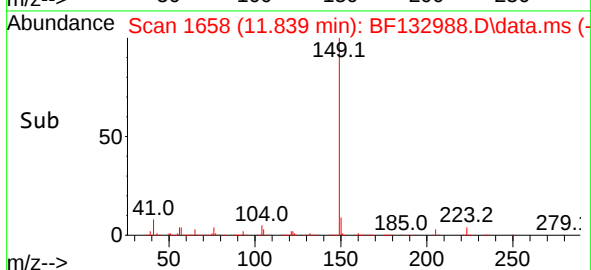
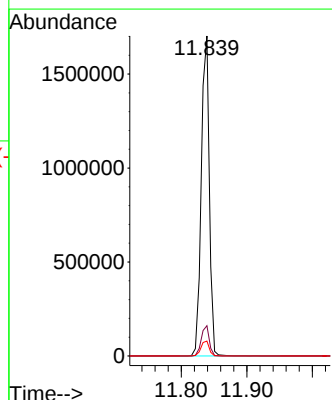
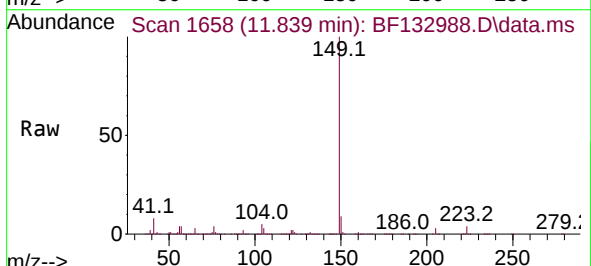
Tgt Ion:149 Resp: 1454384

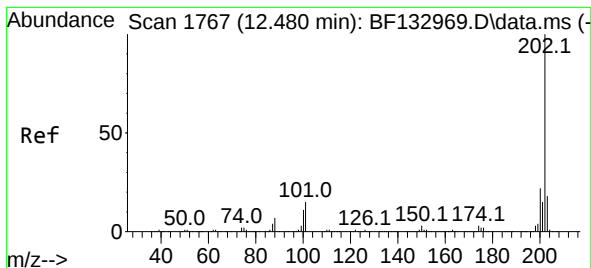
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 40.047 ng

RT: 12.480 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1431649

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.3

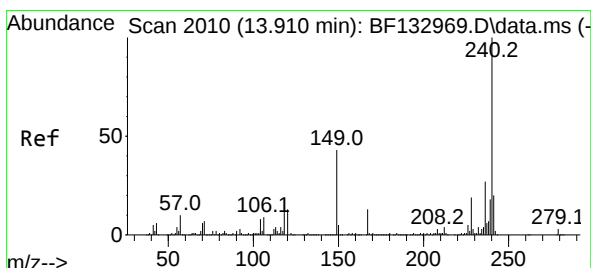
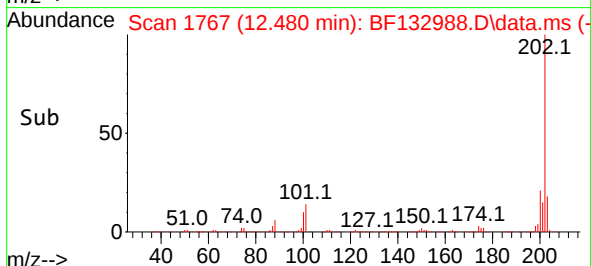
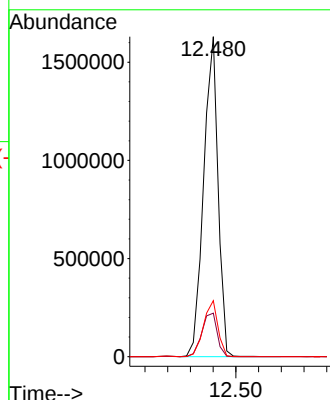
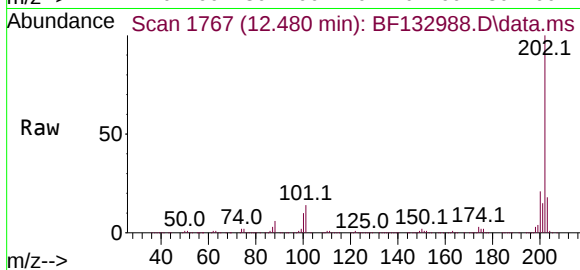
203 17.5 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

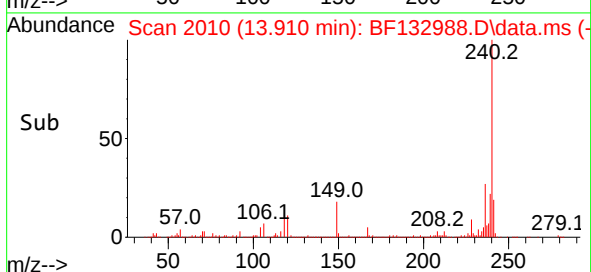
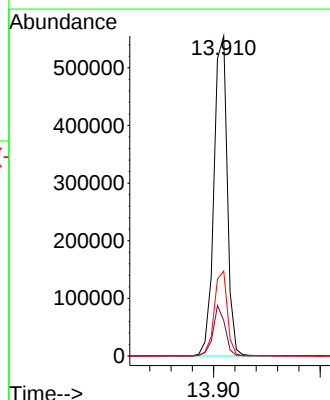
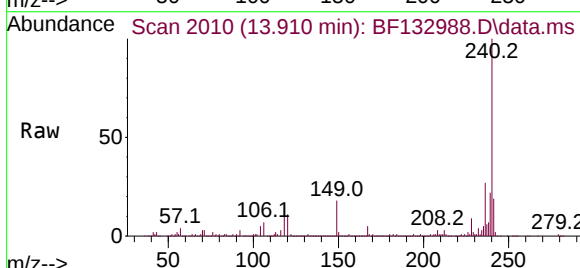
Tgt Ion:240 Resp: 481335

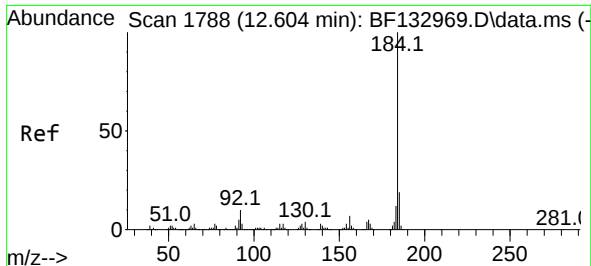
Ion Ratio Lower Upper

240 100

120 11.0 10.5 15.7

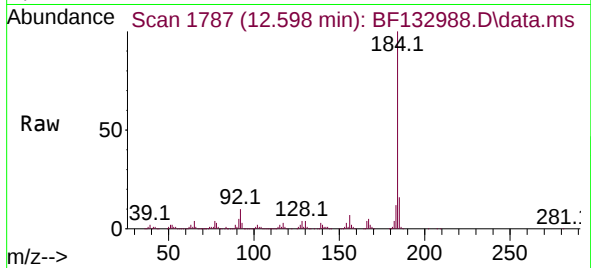
236 26.6 21.5 32.3





#77
Benzidine
Concen: 54.379 ng
RT: 12.598 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

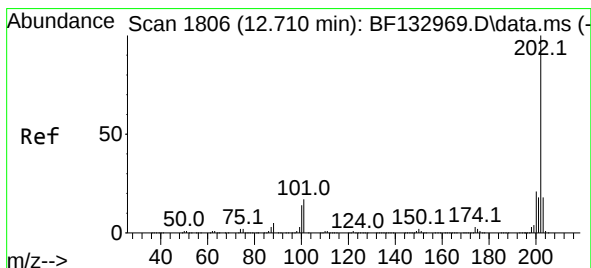
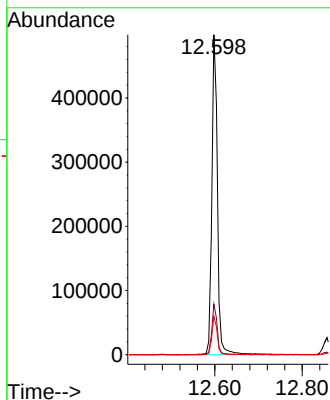
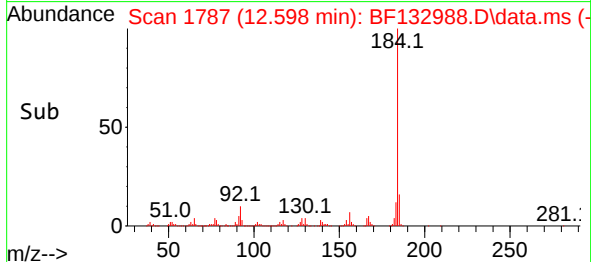
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



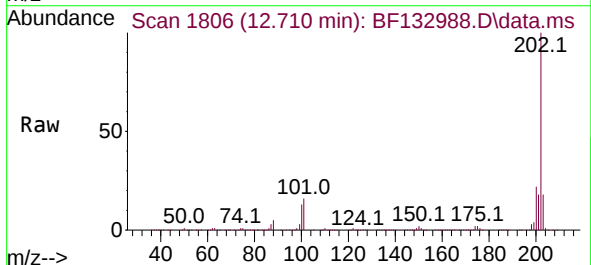
Tgt Ion:184 Resp: 442627
Ion Ratio Lower Upper
184 100
185 15.8 15.4 23.2
183 12.0 9.4 14.0

Manual Integrations
APPROVED

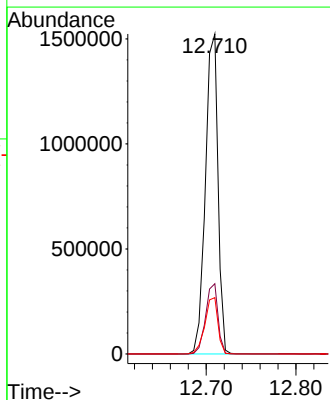
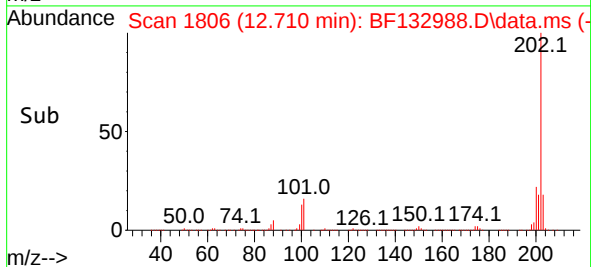
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

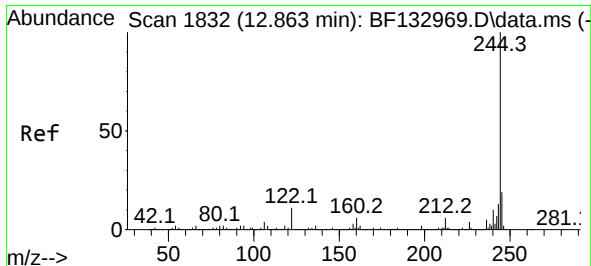


#78
Pyrene
Concen: 35.941 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion:202 Resp: 1482976
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 17.6 14.1 21.1





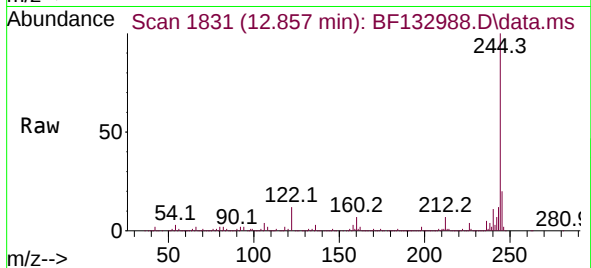
#79
 Terphenyl-d14
 Concen: 70.623 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132988.D
 Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

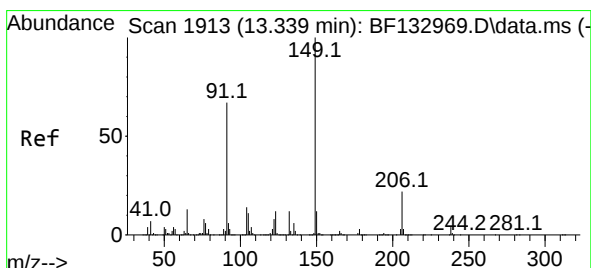
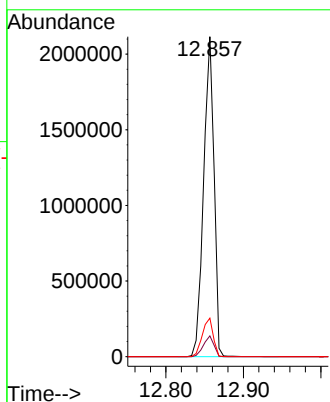
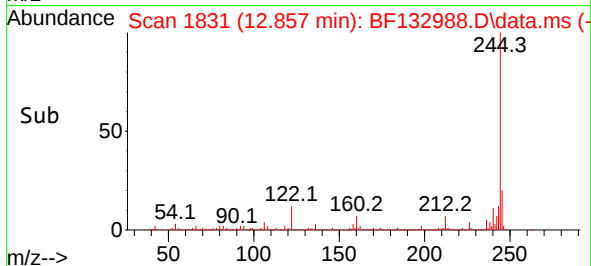


Tgt Ion:244 Resp: 197101
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.0 8.6 13.0

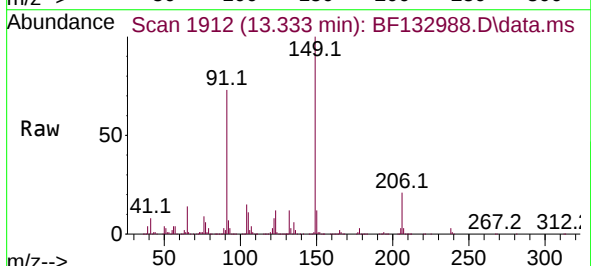
Manual Integrations

APPROVED

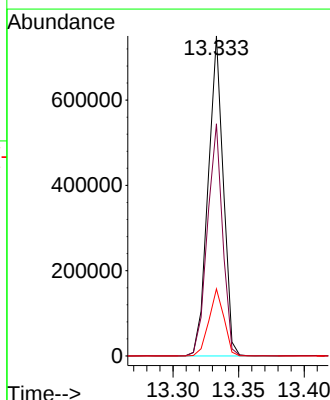
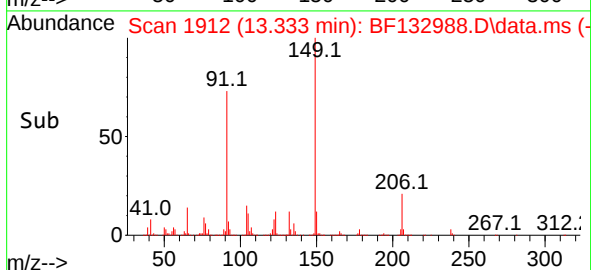
Reviewed By :Christian Giraldo 04/25/2023
 Supervised By :Jagrut Upadhyay 04/25/2023

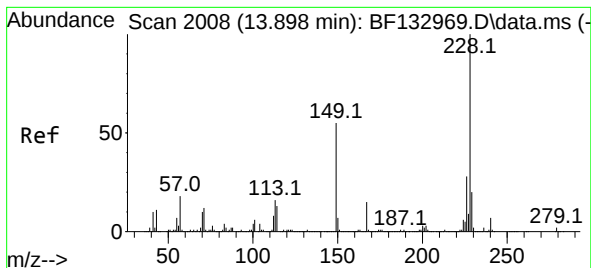


#80
 Butylbenzylphthalate
 Concen: 41.257 ng
 RT: 13.333 min Scan# 1912
 Delta R.T. -0.006 min
 Lab File: BF132988.D
 Acq: 24 Apr 2023 11:26



Tgt Ion:149 Resp: 602747
 Ion Ratio Lower Upper
 149 100
 91 72.5 53.8 80.6
 206 20.9 17.5 26.3





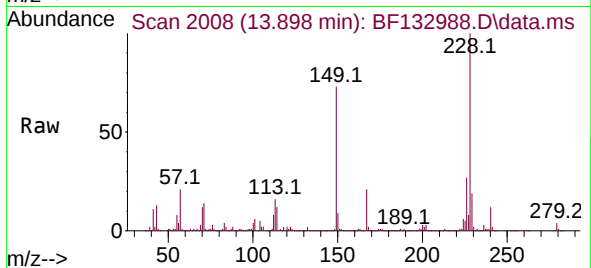
#81
Benzo(a)anthracene
Concen: 38.665 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

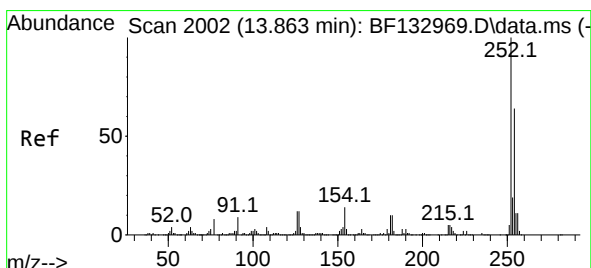
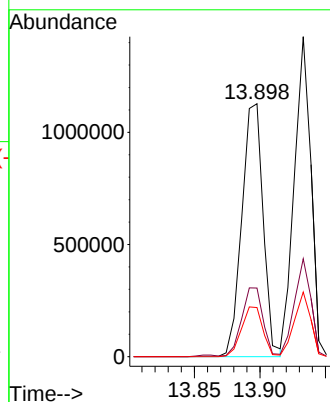
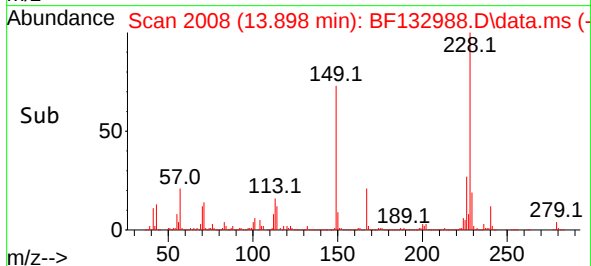


Tgt Ion:228 Resp: 1279800
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 19.4 16.0 24.0

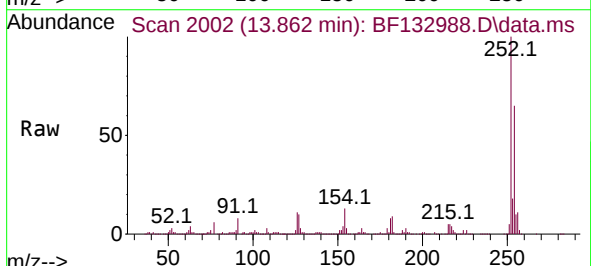
Manual Integrations

APPROVED

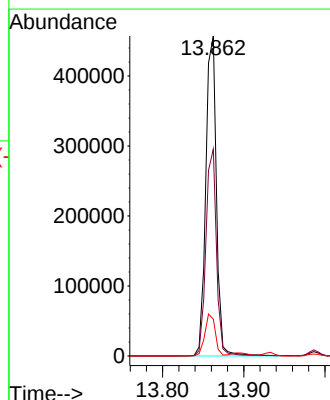
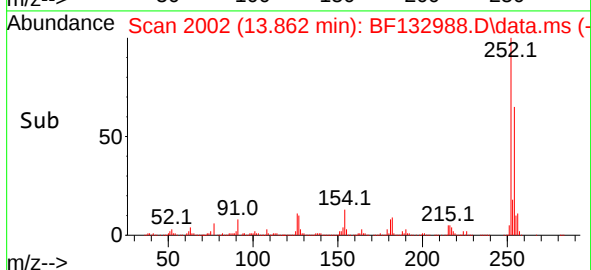
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

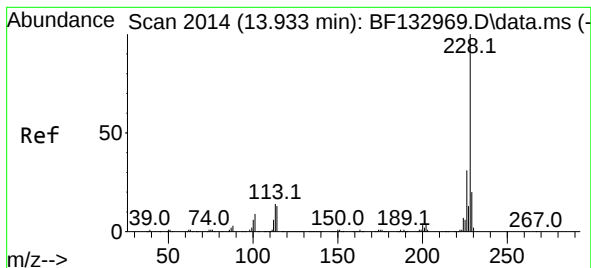


#82
3,3'-Dichlorobenzidine
Concen: 45.364 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion:252 Resp: 414802
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 11.5 9.5 14.3





#83

Chrysene

Concen: 38.098 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1260720

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

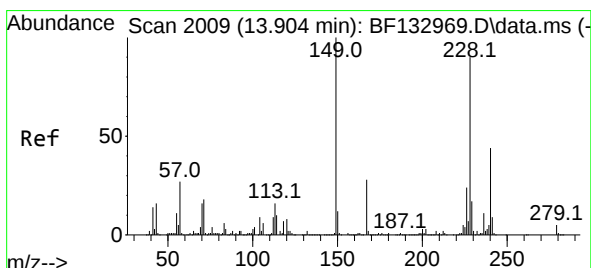
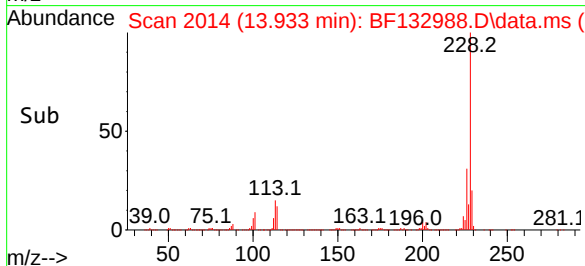
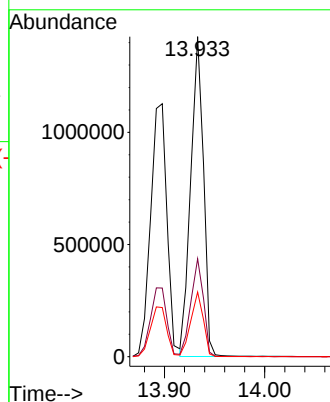
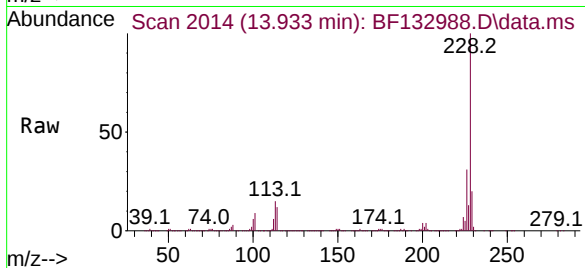
229 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.211 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

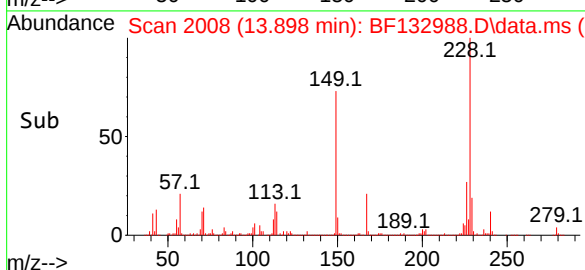
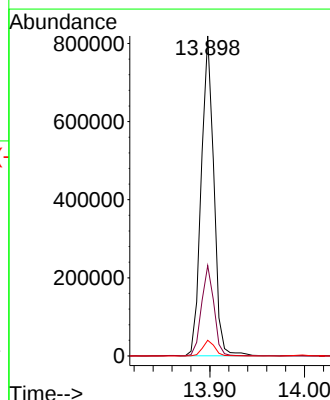
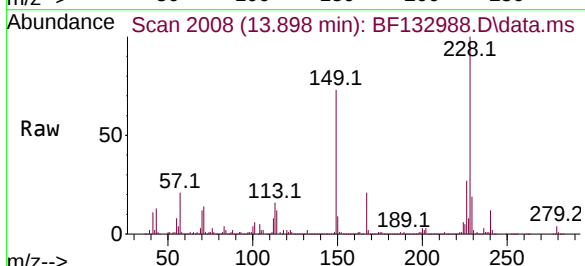
Tgt Ion:149 Resp: 755721

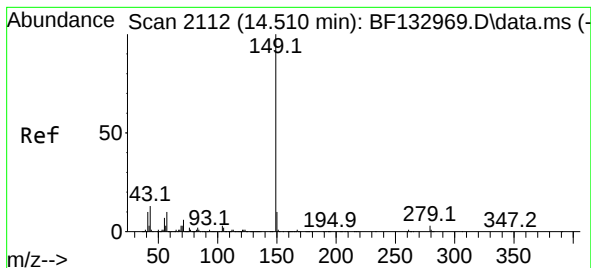
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

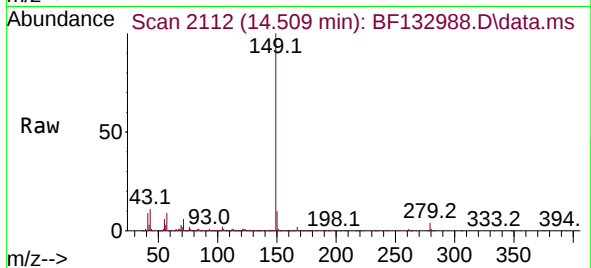
279 4.9 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 47.557 ng
RT: 14.509 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

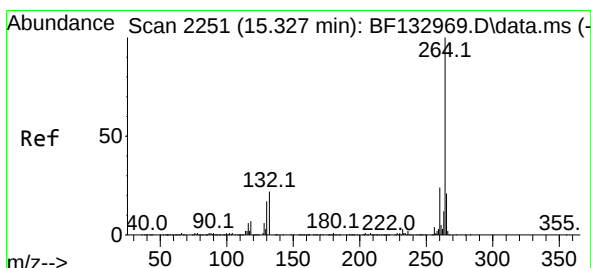
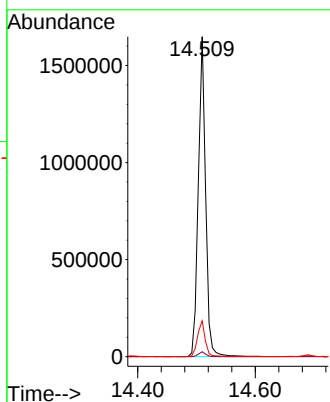
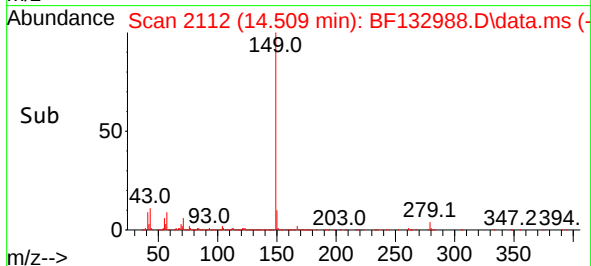
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 142199
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.5 14.3

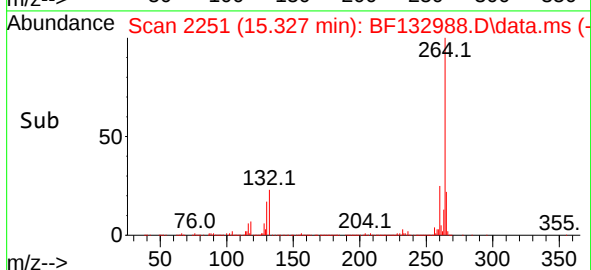
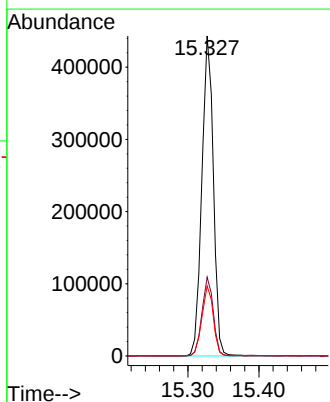
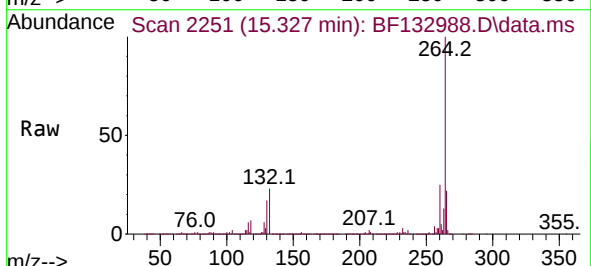
Manual Integrations
APPROVED

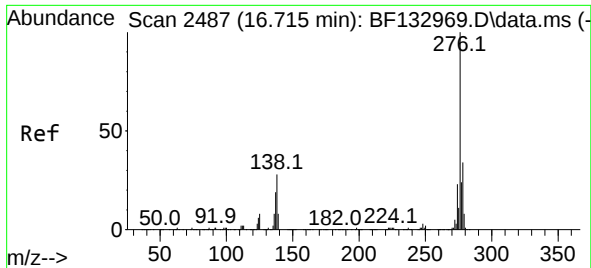
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion:264 Resp: 501800
Ion Ratio Lower Upper
264 100
260 24.6 18.8 28.2
265 21.9 17.0 25.4





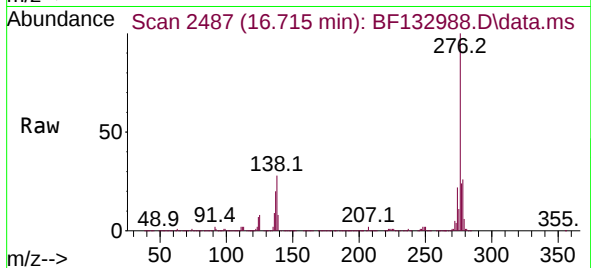
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.267 ng
RT: 16.715 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

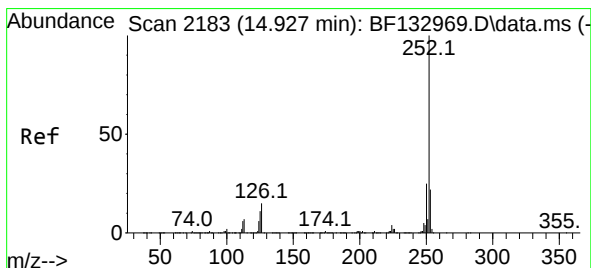
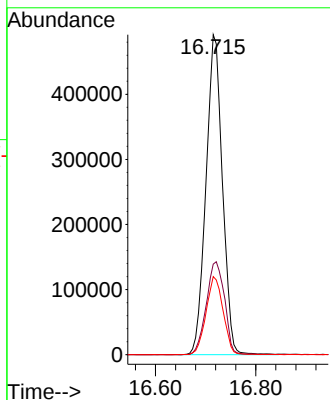
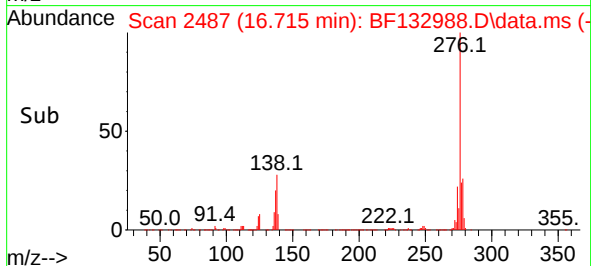


Tgt Ion: 276 Resp: 112081
Ion Ratio Lower Upper
276 100
138 32.2 25.5 38.3
277 25.3 20.4 30.6

Manual Integrations

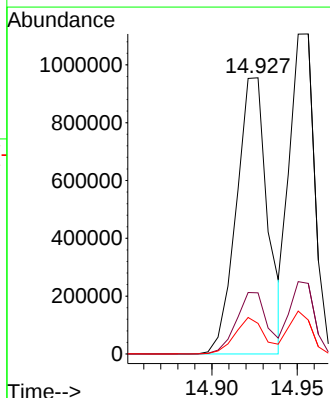
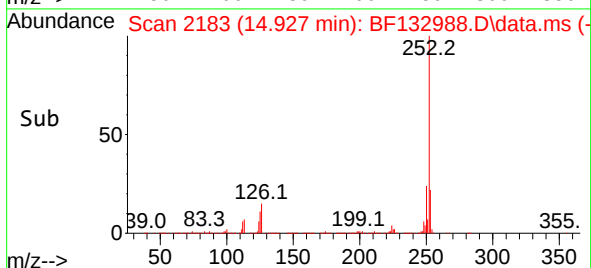
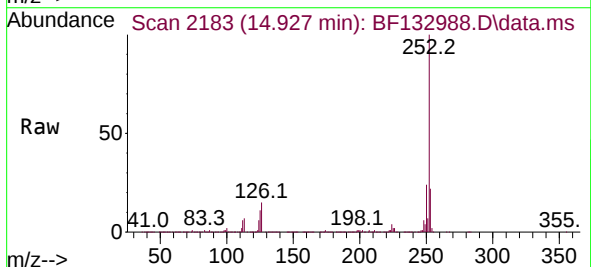
APPROVED

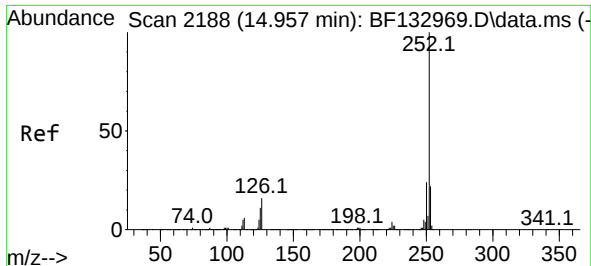
Reviewed By : Christian Giraldo 04/25/2023
Supervised By : Jagrut Upadhyay 04/25/2023



#88
Benzo(b)fluoranthene
Concen: 38.203 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

Tgt Ion: 252 Resp: 1219577
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 35.991 ng

RT: 14.957 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 113897

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

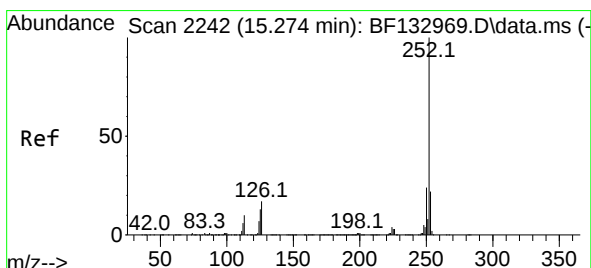
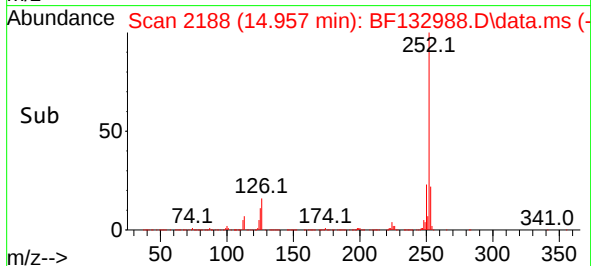
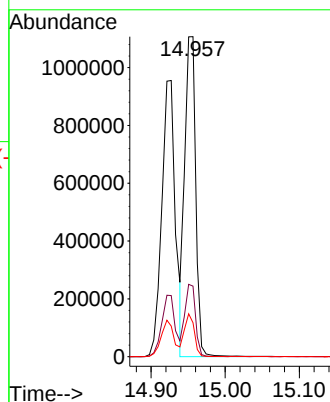
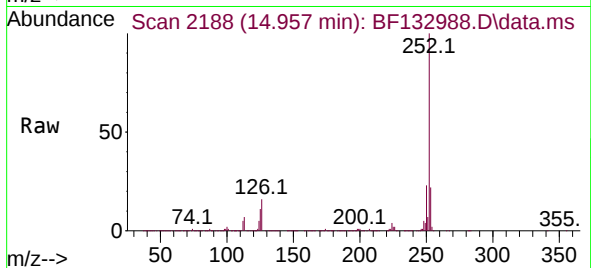
125 10.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2023

Supervised By :Jagrut Upadhyay 04/25/2023



#90

Benzo(a)pyrene

Concen: 38.122 ng

RT: 15.274 min Scan# 2242

Delta R.T. -0.000 min

Lab File: BF132988.D

Acq: 24 Apr 2023 11:26

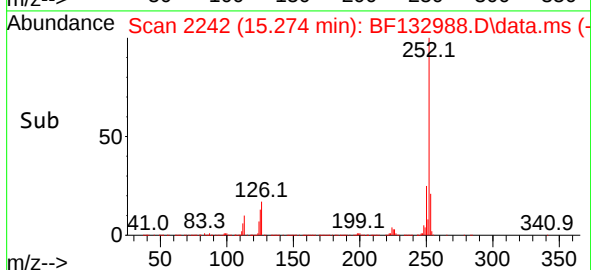
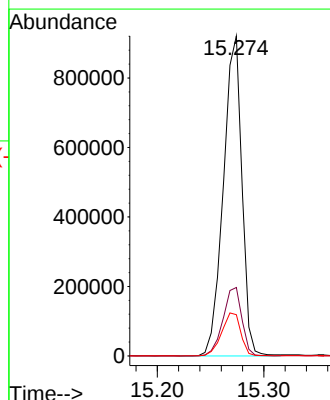
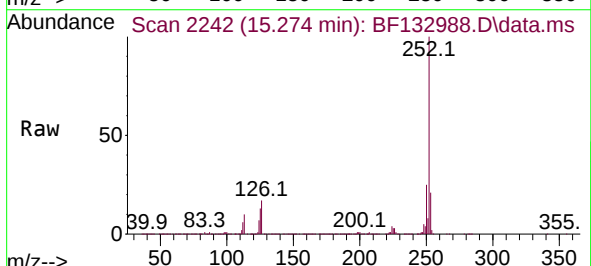
Tgt Ion:252 Resp: 1107727

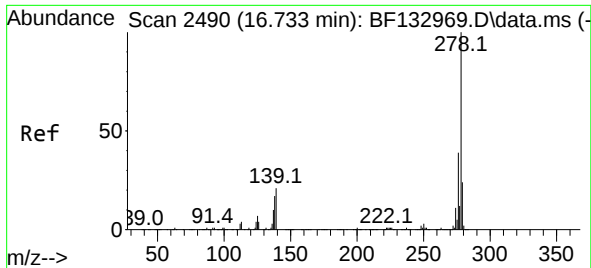
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

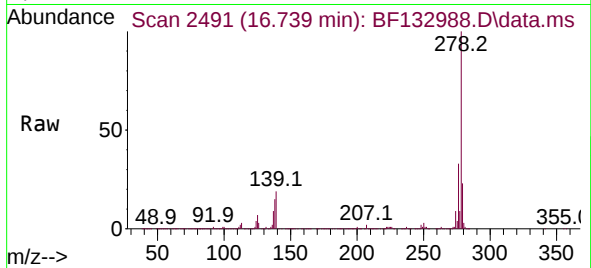
125 12.9 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 39.427 ng
RT: 16.739 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26

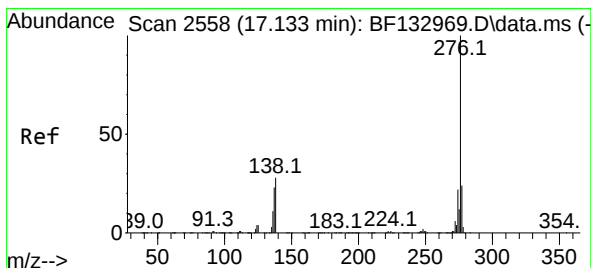
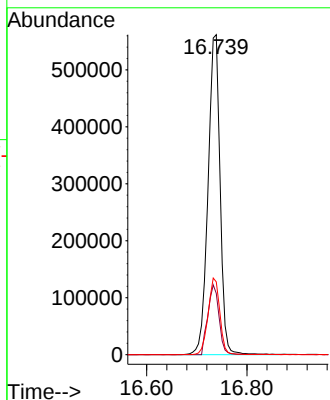
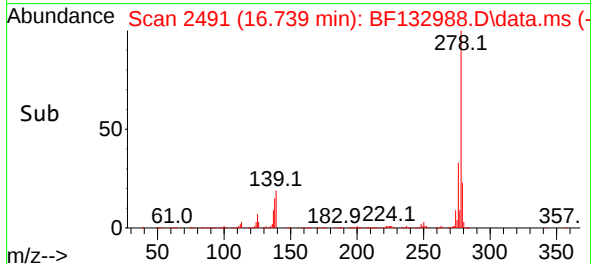
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



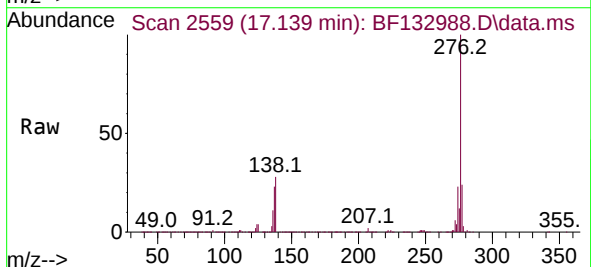
Tgt Ion: 278 Resp: 938619
Ion Ratio Lower Upper
278 100
139 19.2 16.6 24.8
279 22.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/25/2023
Supervised By : Jagrut Upadhyay 04/25/2023



#92
Benzo(g,h,i)perylene
Concen: 39.328 ng
RT: 17.139 min Scan# 2559
Delta R.T. 0.006 min
Lab File: BF132988.D
Acq: 24 Apr 2023 11:26



Tgt Ion: 276 Resp: 924345
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 28.3 22.7 34.1

