

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132759.D
 Acq On : 13 Mar 2023 14:09
 Operator : CG\JU
 Sample : PB151349BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151349BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 01:30:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	258024	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	942862	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	508174	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	937127	20.000	ng	0.00
76) Chrysene-d12	14.168	240	598528	20.000	ng	0.00
86) Perylene-d12	15.698	264	554794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1465179	92.160	ng	0.02
7) Phenol-d6	6.610	99	1885211	90.859	ng	0.00
23) Nitrobenzene-d5	7.539	82	1258971	63.351	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	532441	97.018	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	2046572	61.322	ng	0.00
79) Terphenyl-d14	13.098	244	2328151	65.767	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.916	88	320009	36.389	ng	95
3) Pyridine	3.675	79	819600	35.110	ng	93
4) n-Nitrosodimethylamine	3.646	42	327486	37.141	ng	84
6) Aniline	6.640	93	956605	34.259	ng	96
8) 2-Chlorophenol	6.763	128	701066	42.488	ng	99
9) Benzaldehyde	6.522	77	405650	36.232	ng	98
10) Phenol	6.628	94	935704	39.335	ng	95
11) bis(2-Chloroethyl)ether	6.710	93	780464	42.500	ng	95
12) 1,3-Dichlorobenzene	6.916	146	764891	43.197	ng	97
13) 1,4-Dichlorobenzene	6.992	146	763662	43.192	ng	99
14) 1,2-Dichlorobenzene	7.145	146	702298	41.389	ng	98
15) Benzyl Alcohol	7.116	79	640746	40.098	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.245	45	941705	40.214	ng	95
17) 2-Methylphenol	7.228	107	604203	39.235	ng	99
18) Hexachloroethane	7.481	117	309567	44.816	ng	97
19) n-Nitroso-di-n-propyla...	7.392	70	483741	37.883	ng	# 89
20) 3+4-Methylphenols	7.381	107	670794	33.717	ng	95
22) Acetophenone	7.381	105	933852	39.279	ng	95
24) Nitrobenzene	7.563	77	838576	39.455	ng	99
25) Isophorone	7.798	82	1590417	41.742	ng	99
26) 2-Nitrophenol	7.875	139	413896	44.137	ng	96
27) 2,4-Dimethylphenol	7.910	122	619094	41.829	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	953529	42.781	ng	99
29) 2,4-Dichlorophenol	8.122	162	625578	42.490	ng	99
30) 1,2,4-Trichlorobenzene	8.198	180	697586	43.635	ng	99
31) Naphthalene	8.281	128	1940161	40.195	ng	100
32) Benzoic acid	8.051	122	439211m	38.485	ng	
33) 4-Chloroaniline	8.328	127	370976m	17.935	ng	
34) Hexachlorobutadiene	8.386	225	448843	44.182	ng	99
35) Caprolactam	8.716	113	215298m	44.357	ng	
36) 4-Chloro-3-methylphenol	8.816	107	685373	42.389	ng	95
37) 2-Methylnaphthalene	8.975	142	1288224	39.162	ng	99
38) 1-Methylnaphthalene	9.075	142	1203270	39.142	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	703211	42.295	ng	99
41) Hexachlorocyclopentadiene	9.122	237	808153	89.616	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	470980	41.800	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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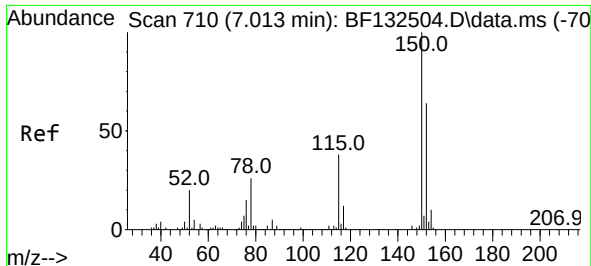
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	508395	38.659	ng	97
46) 1,1'-Biphenyl	9.439	154	1568492	40.779	ng	98
47) 2-Chloronaphthalene	9.463	162	1264486	41.465	ng	99
48) 2-Nitroaniline	9.563	65	411364	36.626	ng	91
49) Acenaphthylene	9.880	152	1893748	39.019	ng	99
50) Dimethylphthalate	9.733	163	1544943	41.754	ng	99
51) 2,6-Dinitrotoluene	9.804	165	344212	40.848	ng	95
52) Acenaphthene	10.057	154	1323016m	42.930	ng	
53) 3-Nitroaniline	9.975	138	256974	27.261	ng	98
54) 2,4-Dinitrophenol	10.086	184	378022	71.391	ng	98
55) Dibenzofuran	10.228	168	1689108	37.596	ng	98
56) 4-Nitrophenol	10.145	139	464942	66.139	ng	97
57) 2,4-Dinitrotoluene	10.210	165	450399	40.176	ng	100
58) Fluorene	10.569	166	1344878	39.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	408618	41.828	ng	97
60) Diethylphthalate	10.433	149	1459878	40.398	ng	99
61) 4-Chlorophenyl-phenyle...	10.557	204	719201	40.341	ng	96
62) 4-Nitroaniline	10.598	138	355450	38.415	ng	97
63) Azobenzene	10.716	77	1469192	38.388	ng	98
65) 4,6-Dinitro-2-methylph...	10.622	198	259732	40.942	ng	96
66) n-Nitrosodiphenylamine	10.680	169	1192235	40.808	ng	98
67) 4-Bromophenyl-phenylether	11.051	248	468832	44.228	ng	96
68) Hexachlorobenzene	11.122	284	514163	46.096	ng	99
69) Atrazine	11.204	200	430194	47.166	ng	100
70) Pentachlorophenol	11.322	266	453047	68.268	ng	98
71) Phenanthrene	11.539	178	1950283	40.172	ng	99
72) Anthracene	11.592	178	1963103	39.268	ng	99
73) Carbazole	11.745	167	1766670	39.195	ng	100
74) Di-n-butylphthalate	12.057	149	2232347	42.221	ng	100
75) Fluoranthene	12.733	202	2114852	39.848	ng	98
77) Benzidine	12.851	184	1014652	69.640	ng	99
78) Pyrene	12.963	202	2165141	39.788	ng	99
80) Butylbenzylphthalate	13.568	149	945717	44.040	ng	99
81) Benzo(a)anthracene	14.157	228	1841664	41.124	ng	98
82) 3,3'-Dichlorobenzidine	14.110	252	364893	27.637	ng	100
83) Chrysene	14.198	228	1703146	40.669	ng	100
84) Bis(2-ethylhexyl)phtha...	14.121	149	1252602	47.484	ng	99
85) Di-n-octyl phthalate	14.745	149	2078476	53.918	ng	97
87) Indeno(1,2,3-cd)pyrene	17.286	276	1540999	42.390	ng	99
88) Benzo(b)fluoranthene	15.245	252	1588911	42.736	ng	99
89) Benzo(k)fluoranthene	15.274	252	1576913	43.337	ng	99
90) Benzo(a)pyrene	15.639	252	1379817	39.653	ng	99
91) Dibenzo(a,h)anthracene	17.304	278	1267611	42.797	ng	97
92) Benzo(g,h,i)perylene	17.768	276	1273924	38.393	ng	99

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

Manual Integrations APPROVED

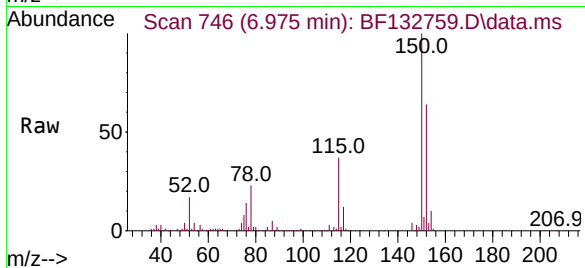
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

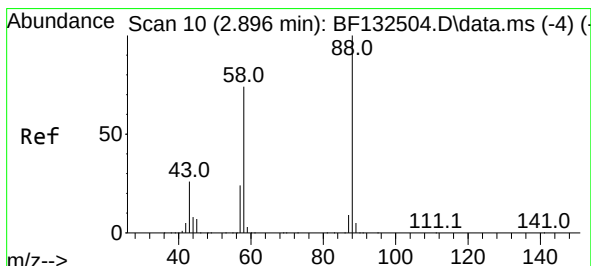
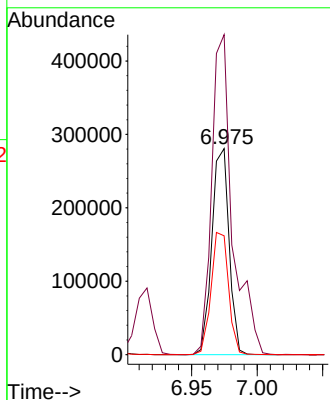
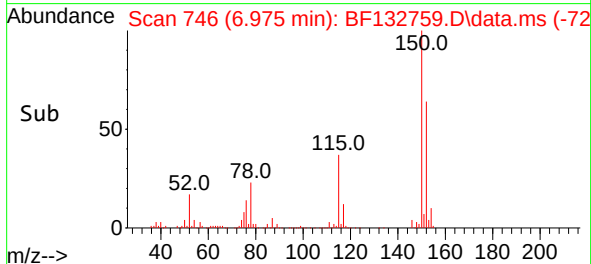
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:152 Resp: 258024
Ion Ratio Lower Upper
152 100
150 155.3 125.4 188.2
115 57.7 47.8 71.6

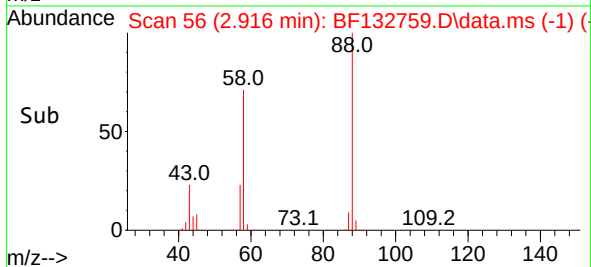
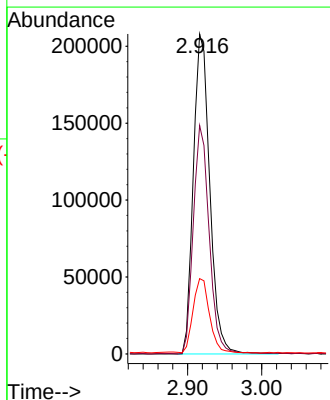
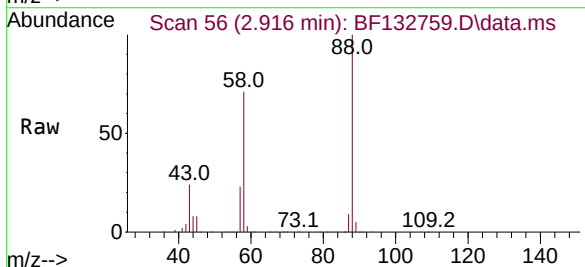
Manual Integrations
APPROVED

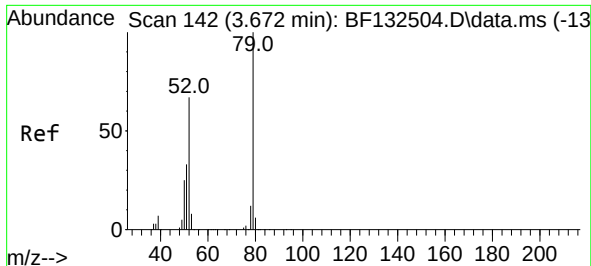
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#2
1,4-Dioxane
Concen: 36.389 ng
RT: 2.916 min Scan# 56
Delta R.T. 0.094 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

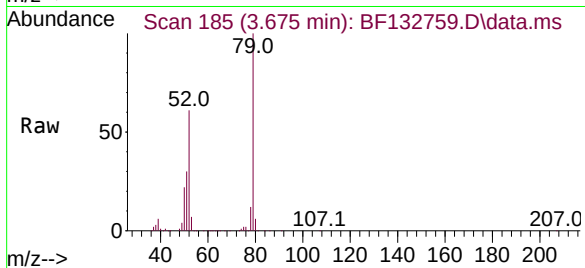
Tgt Ion: 88 Resp: 320009
Ion Ratio Lower Upper
88 100
58 69.2 58.3 87.5
43 23.4 20.7 31.1





#3
Pyridine
Concen: 35.110 ng
RT: 3.675 min Scan# 180
Delta R.T. 0.071 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

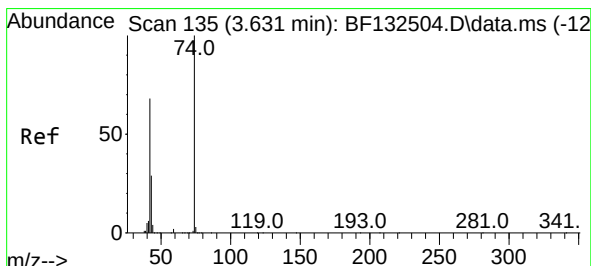
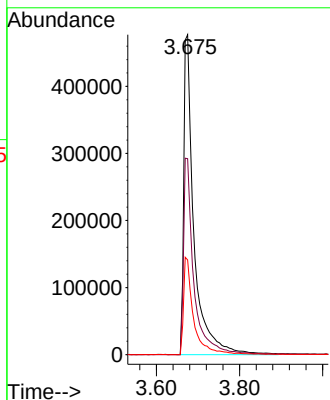
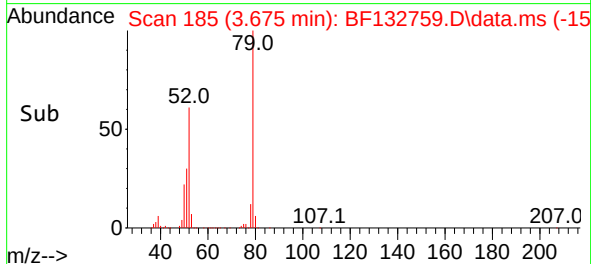
Instrument :
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ClientSampleId :
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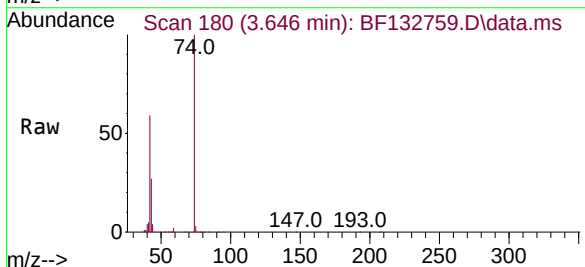
Tgt Ion: 79 Resp: 819600
Ion Ratio Lower Upper
79 100
52 61.2 53.7 80.5
51 29.6 26.6 40.0

Manual Integrations
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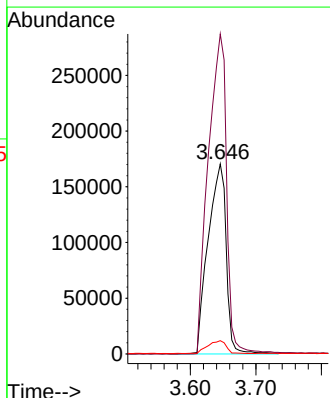
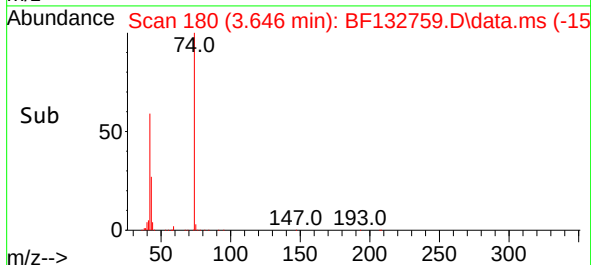
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Supervised By :Jagrut Upadhyay 03/14/2023

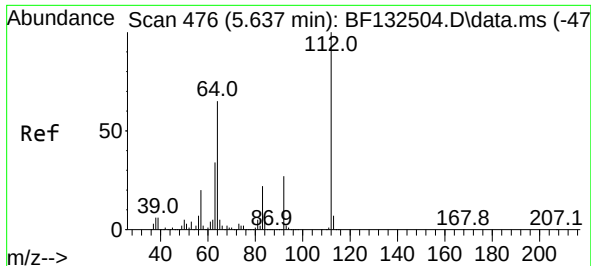


#4
n-Nitrosodimethylamine
Concen: 37.141 ng
RT: 3.646 min Scan# 180
Delta R.T. 0.071 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



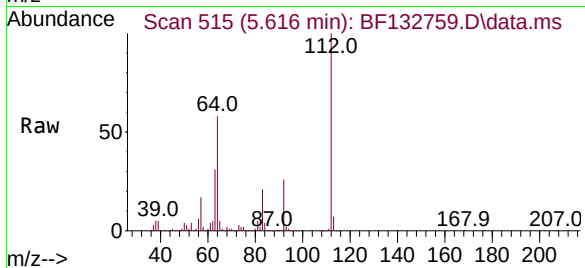
Tgt Ion: 42 Resp: 327486
Ion Ratio Lower Upper
42 100
74 168.4 118.2 177.2
44 7.0 5.3 7.9





#5
2-Fluorophenol
Concen: 92.160 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.018 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

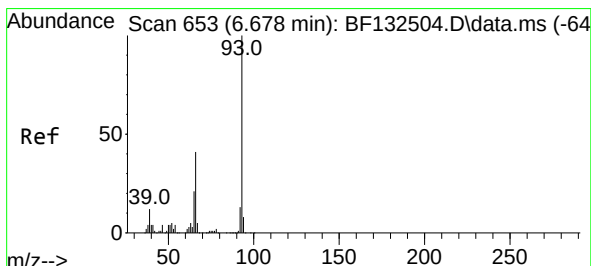
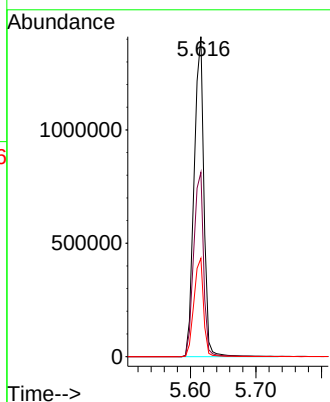
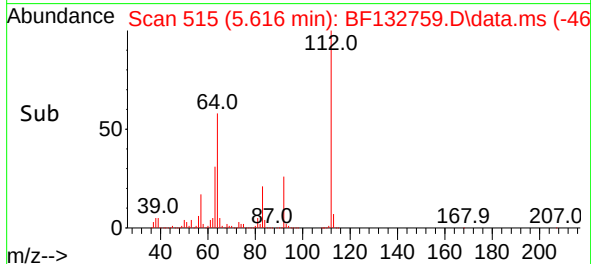
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Tgt Ion: 112 Resp: 1465179
Ion Ratio Lower Upper
112 100
64 57.6 51.6 77.4
63 30.7 27.4 41.2

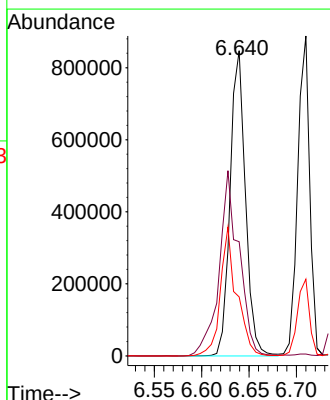
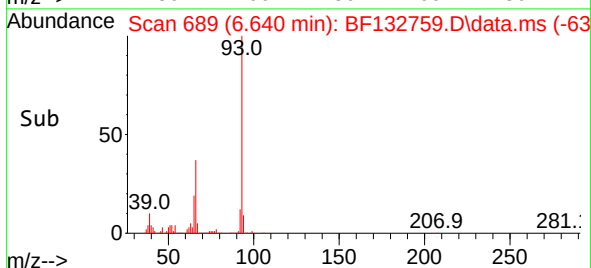
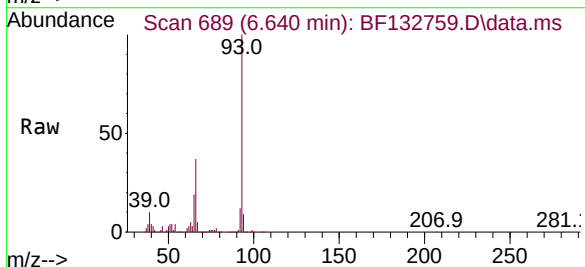
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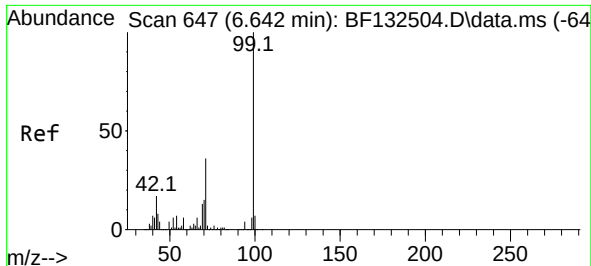
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#6
Aniline
Concen: 34.259 ng
RT: 6.640 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

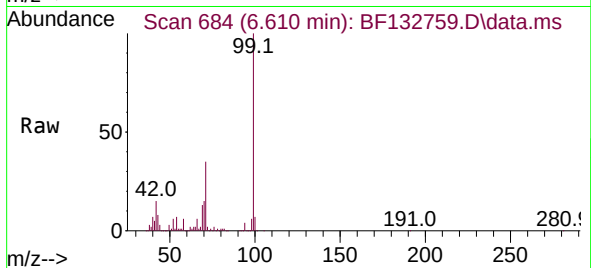
Tgt Ion: 93 Resp: 956605
Ion Ratio Lower Upper
93 100
66 37.4 32.5 48.7
65 19.3 16.6 24.8





#7
Phenol-d6
Concen: 90.859 ng
RT: 6.610 min Scan# 684
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

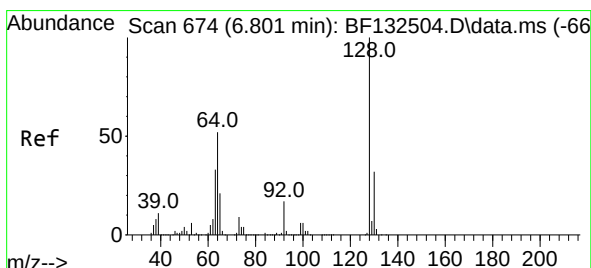
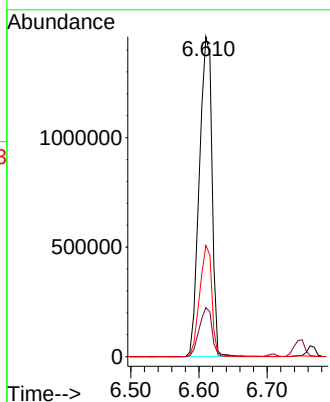
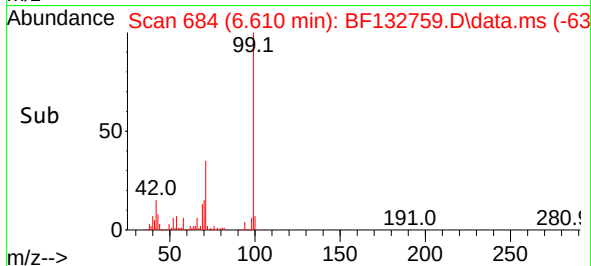
Instrument :
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Tgt Ion: 99 Resp: 188521
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 34.7 28.5 42.7

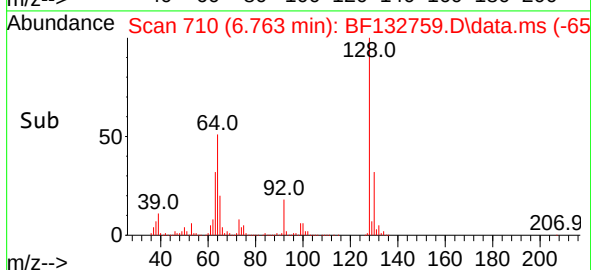
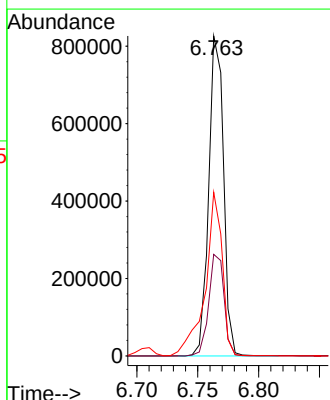
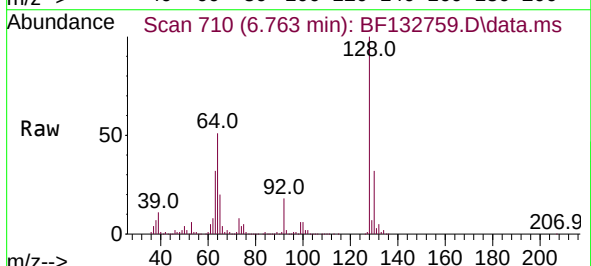
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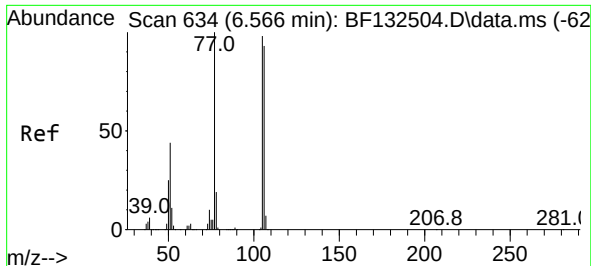
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#8
2-Chlorophenol
Concen: 42.488 ng
RT: 6.763 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

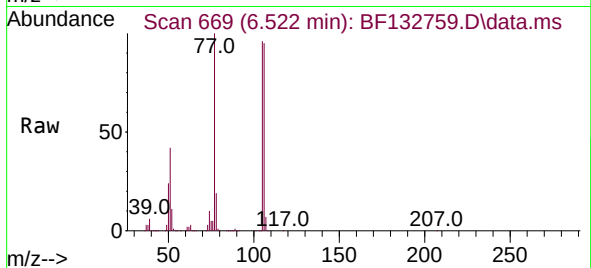
Tgt Ion:128 Resp: 701066
Ion Ratio Lower Upper
128 100
130 31.7 12.1 52.1
64 51.1 32.0 72.0





#9
Benzaldehyde
Concen: 36.232 ng
RT: 6.522 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

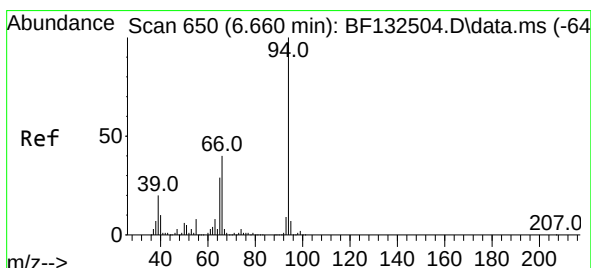
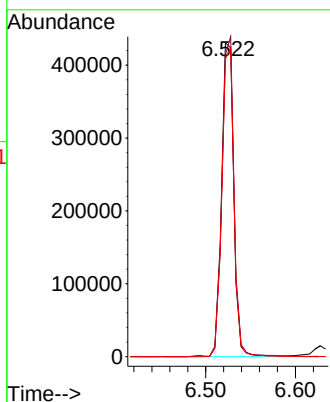
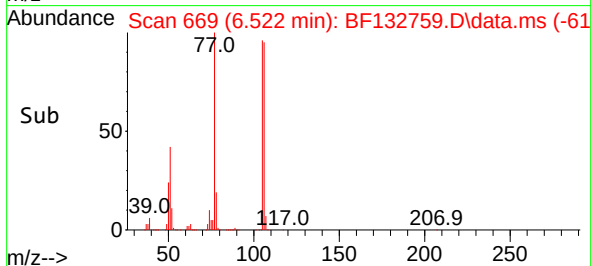
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion: 77 Resp: 405650
Ion Ratio Lower Upper
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105 96.1 77.9 117.9
106 94.8 73.4 113.4

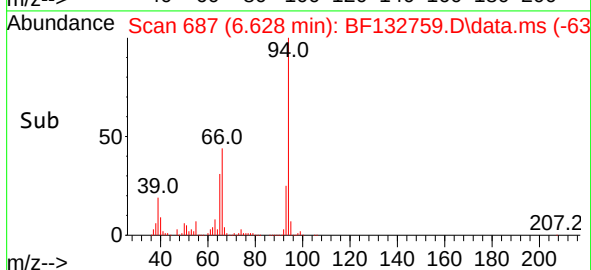
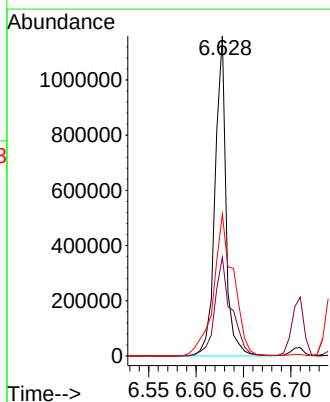
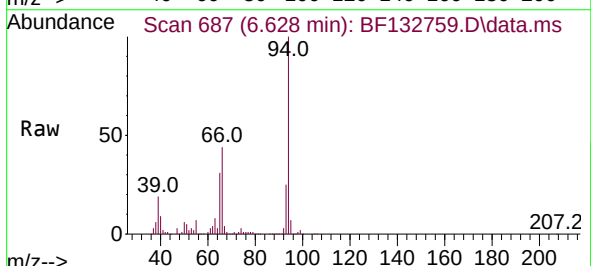
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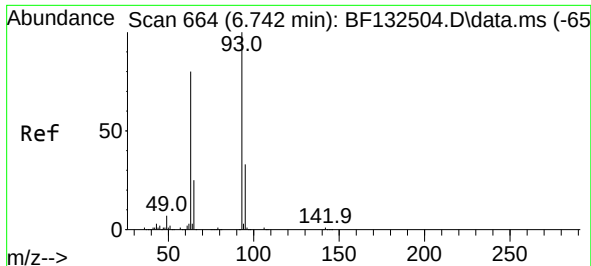
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#10
Phenol
Concen: 39.335 ng
RT: 6.628 min Scan# 687
Delta R.T. 0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

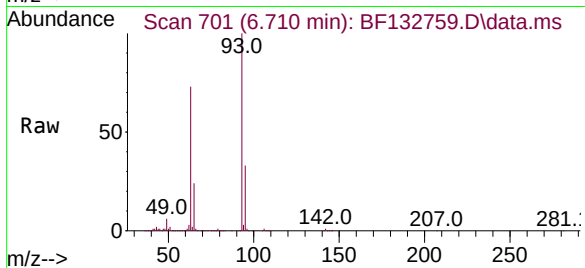
Tgt Ion: 94 Resp: 935704
Ion Ratio Lower Upper
94 100
65 30.9 9.4 49.4
66 44.3 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 42.500 ng
RT: 6.710 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

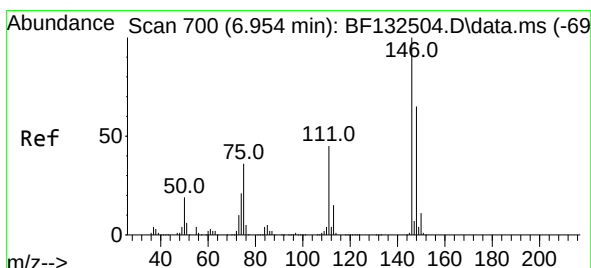
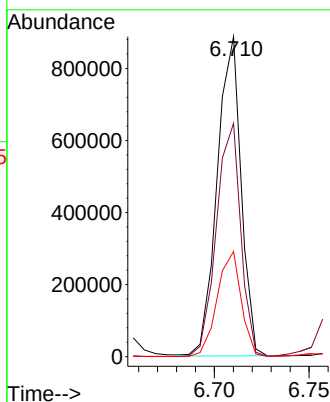
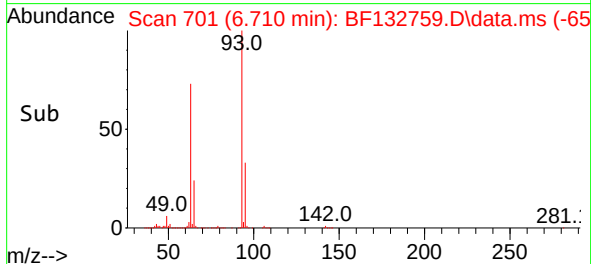
Instrument :
BNA_F
ClientSampleId :
PB151349BS



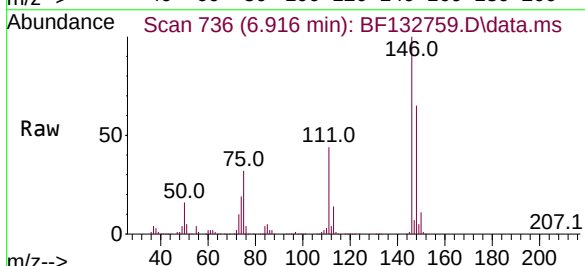
Tgt Ion: 93 Resp: 780464
Ion Ratio Lower Upper
93 100
63 72.9 59.6 99.6
95 32.8 12.8 52.8

Manual Integrations
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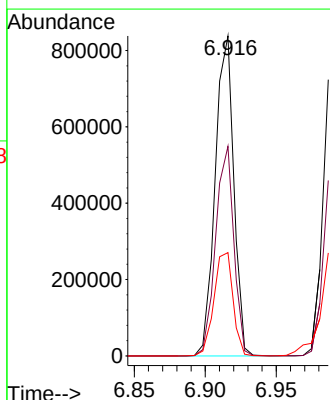
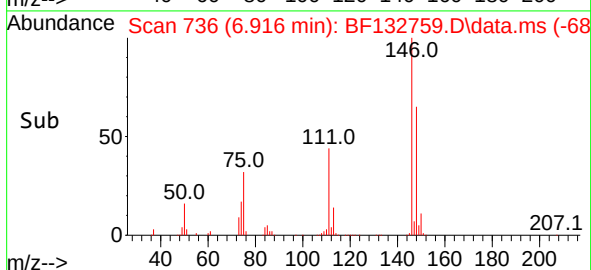
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

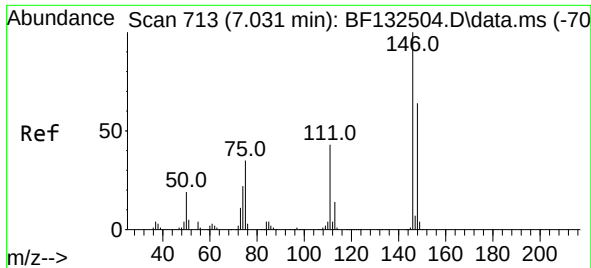


#12
1,3-Dichlorobenzene
Concen: 43.197 ng
RT: 6.916 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



Tgt Ion:146 Resp: 764891
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
75 32.3 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 43.192 ng

RT: 6.992 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

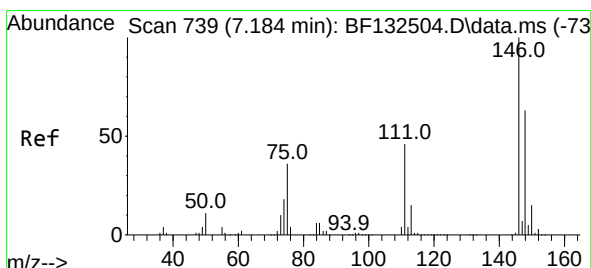
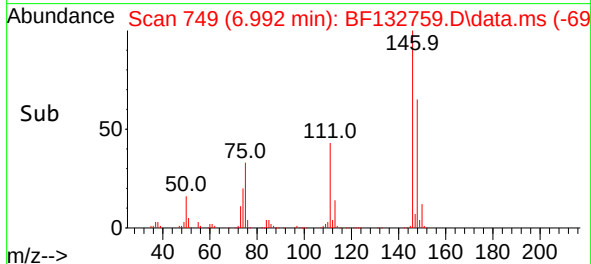
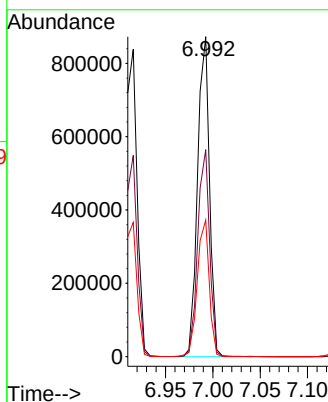
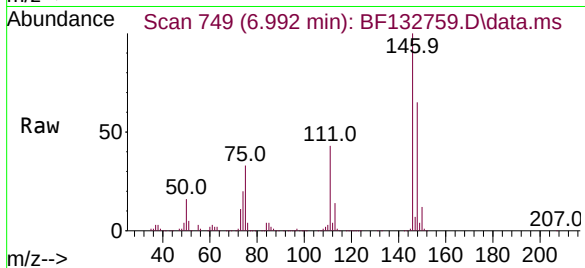
PB151349BS

Tgt Ion:146 Resp: 763662
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 42.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#14

1,2-Dichlorobenzene

Concen: 41.389 ng

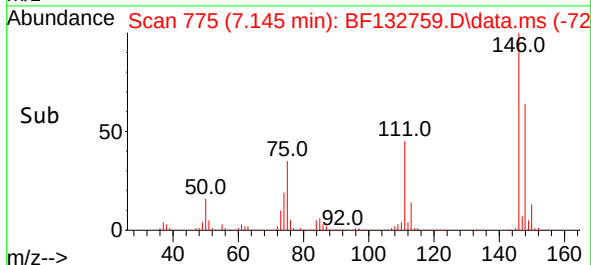
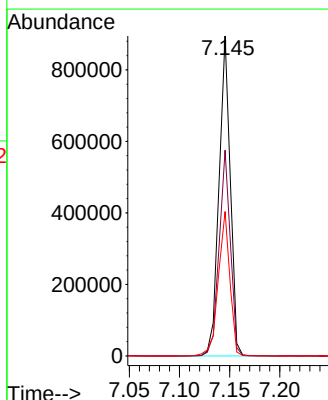
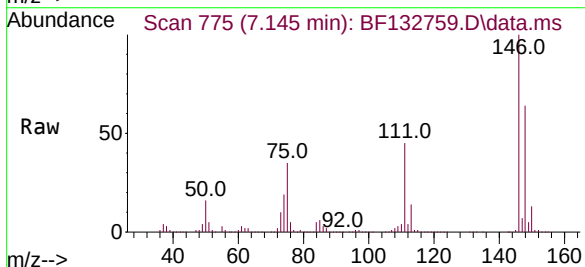
RT: 7.145 min Scan# 775

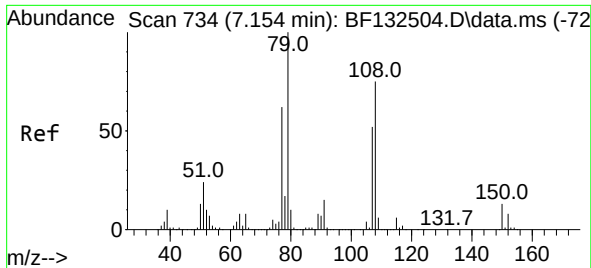
Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Tgt Ion:146 Resp: 702298
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 45.1 37.2 55.8





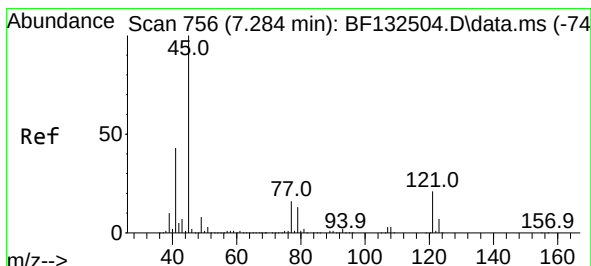
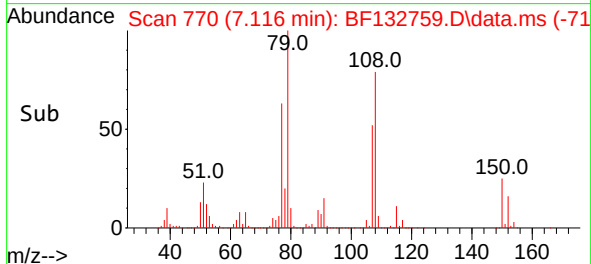
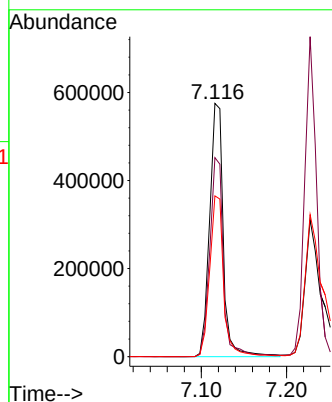
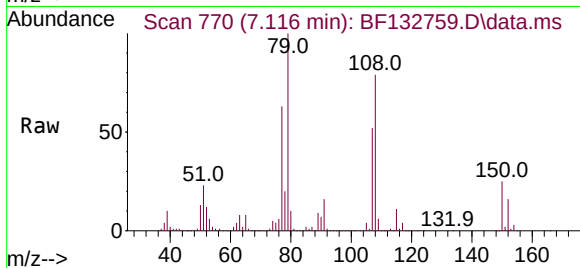
#15
Benzyl Alcohol
Concen: 40.098 ng
RT: 7.116 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Tgt Ion: 79 Resp: 640746
Ion Ratio Lower Upper
79 100
108 78.6 60.2 90.4
77 63.5 49.9 74.9

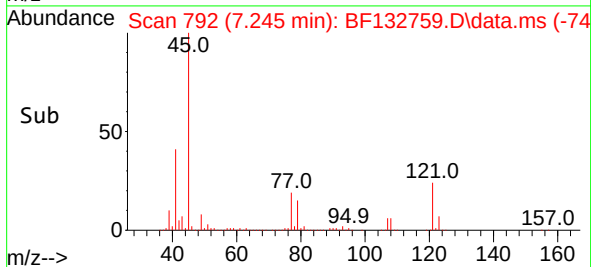
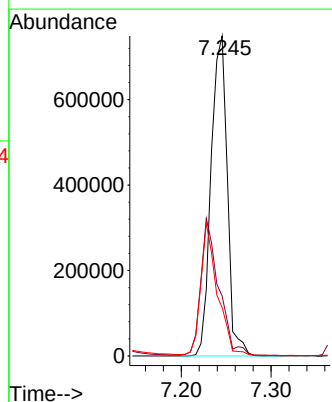
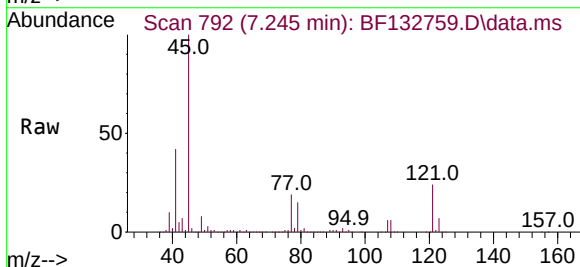
Manual Integrations
APPROVED

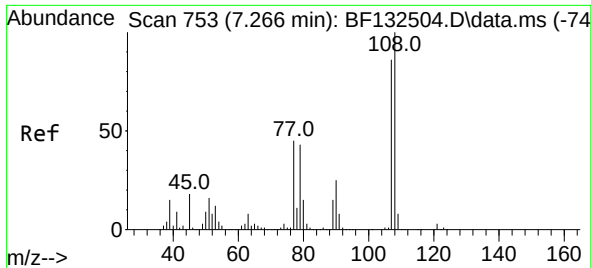
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.214 ng
RT: 7.245 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

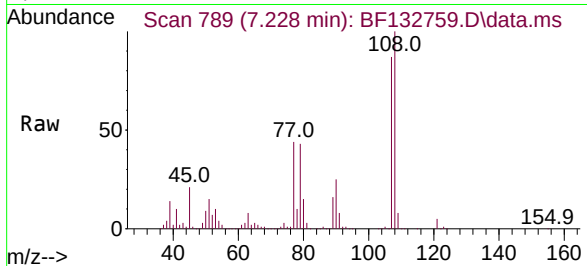
Tgt Ion: 45 Resp: 941705
Ion Ratio Lower Upper
45 100
77 18.7 0.0 36.4
79 15.1 0.0 33.4





#17
2-Methylphenol
Concen: 39.235 ng
RT: 7.228 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

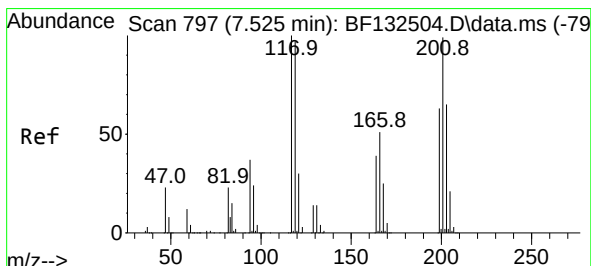
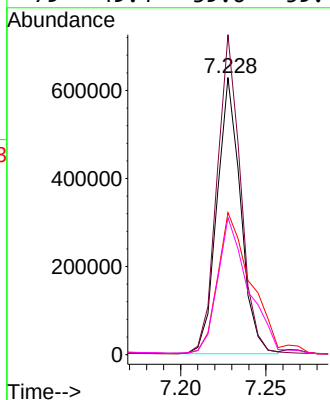
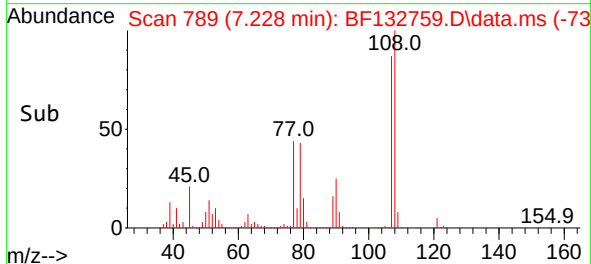
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:107 Resp: 604203
Ion Ratio Lower Upper
107 100
108 115.5 93.0 139.4
77 51.3 42.1 63.1
79 49.4 39.6 59.4

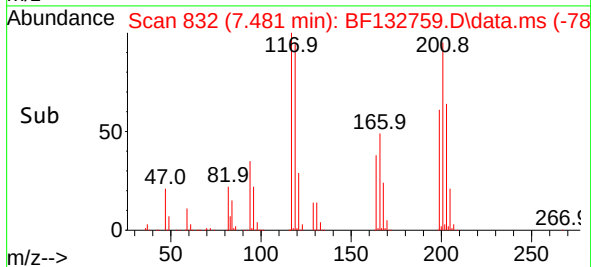
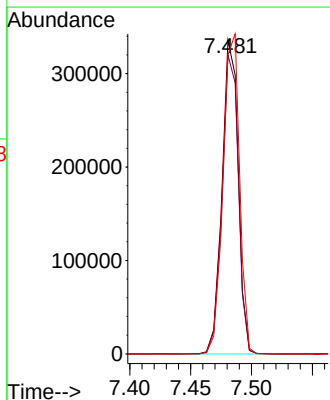
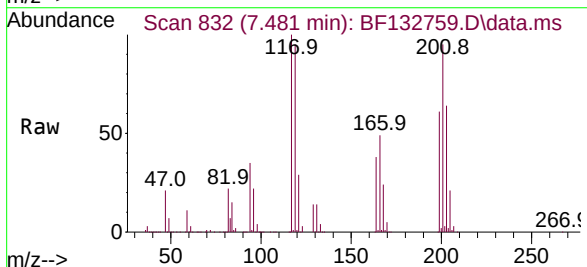
Manual Integrations
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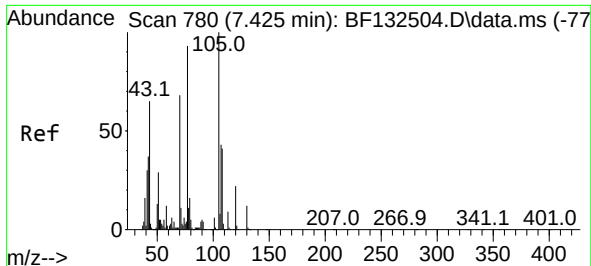
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#18
Hexachloroethane
Concen: 44.816 ng
RT: 7.481 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

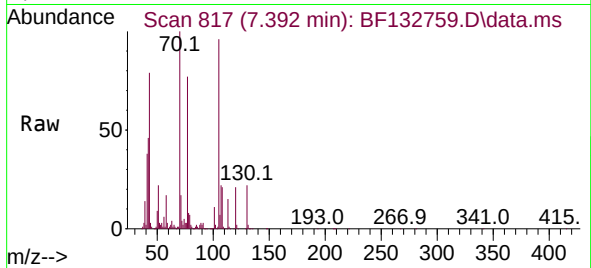
Tgt Ion:117 Resp: 309567
Ion Ratio Lower Upper
117 100
119 95.3 78.0 117.0
201 95.3 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.883 ng
RT: 7.392 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

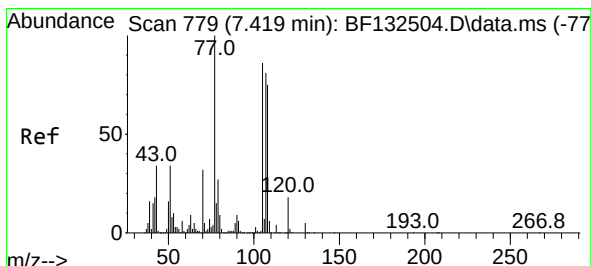
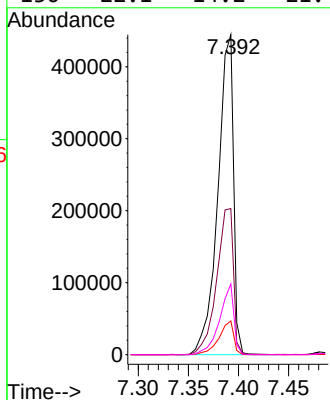
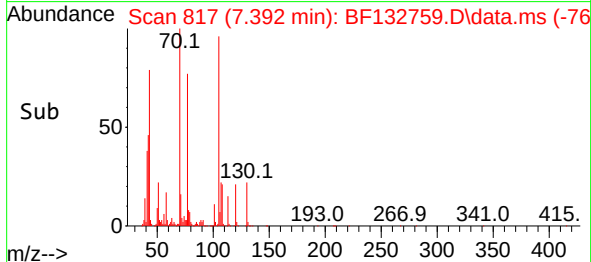
Instrument :
BNA_F
ClientSampleId :
PB151349BS



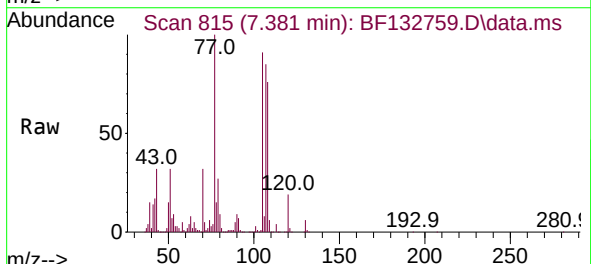
Tgt Ion: 70 Resp: 483741
Ion Ratio Lower Upper
70 100
42 45.6 44.1 66.1
101 10.5 7.4 11.2
130 22.1 14.2 21.4#

Manual Integrations
APPROVED

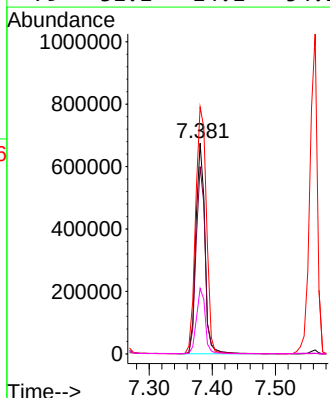
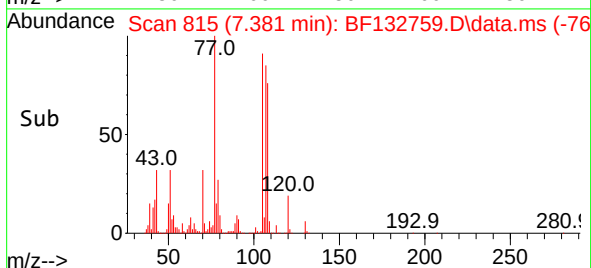
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

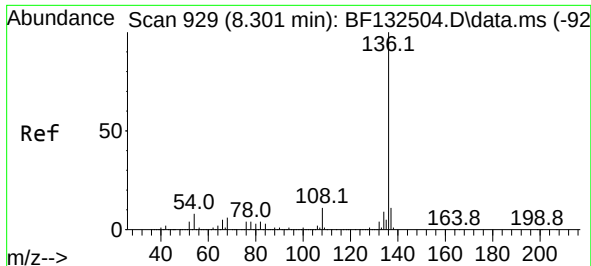


#20
3+4-Methylphenols
Concen: 33.717 ng
RT: 7.381 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



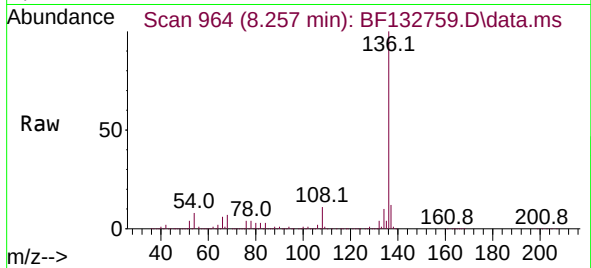
Tgt Ion:107 Resp: 670794
Ion Ratio Lower Upper
107 100
108 88.9 72.6 112.6
77 117.2 104.0 144.0
79 31.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

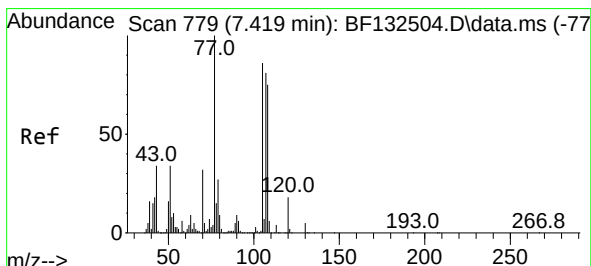
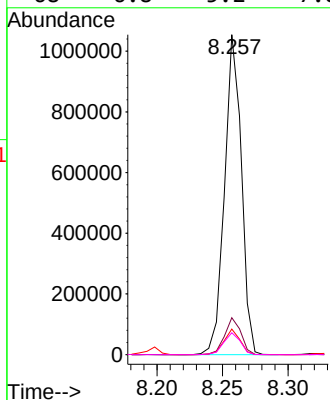
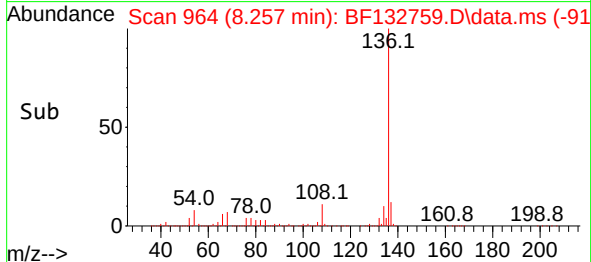
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:136 Resp: 942862
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.0 6.2 9.4
68 6.8 5.2 7.8

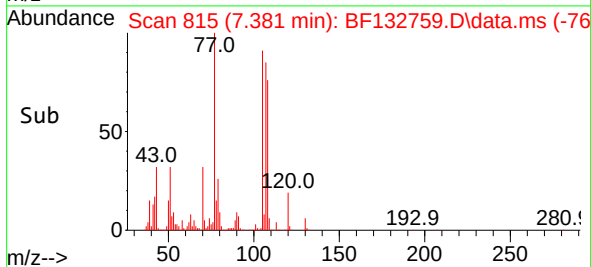
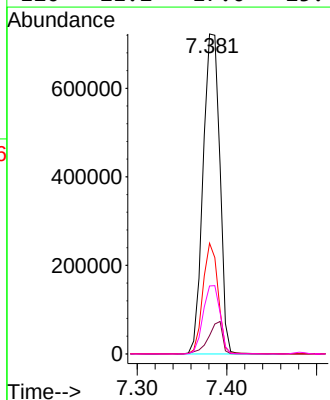
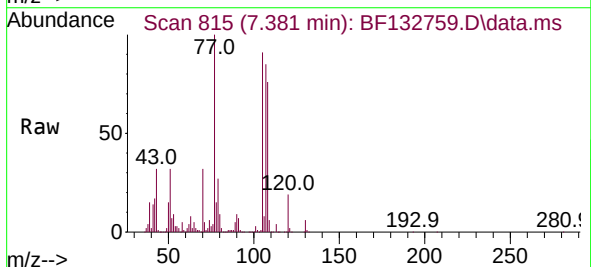
Manual Integrations
APPROVED

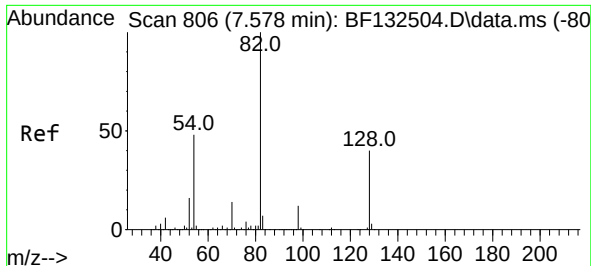
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#22
Acetophenone
Concen: 39.279 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:105 Resp: 933852
Ion Ratio Lower Upper
105 100
71 5.7 5.0 7.4
51 34.6 31.5 47.3
120 21.2 17.0 25.4





#23
Nitrobenzene-d5
Concen: 63.351 ng
RT: 7.539 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

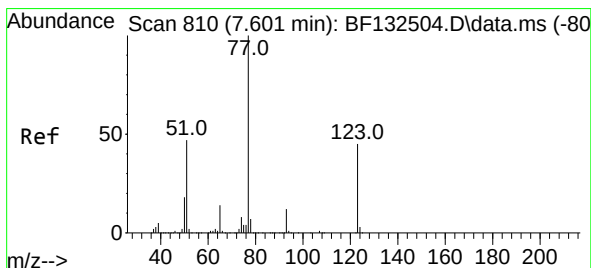
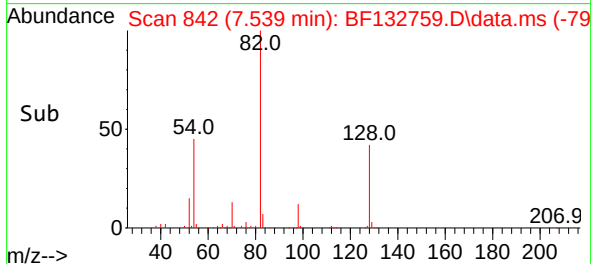
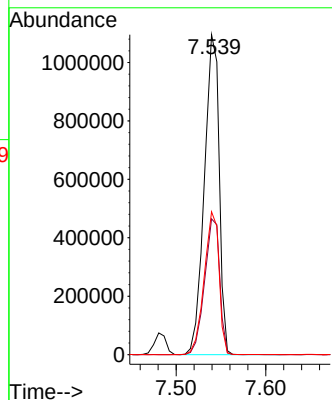
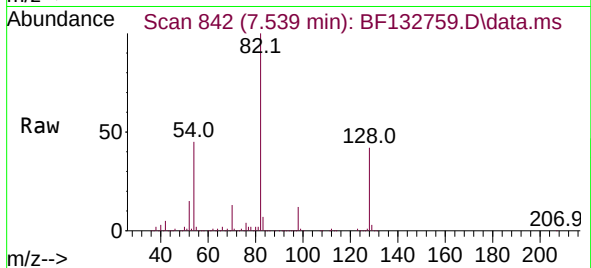
PB151349BS

Tgt Ion: 82 Resp: 125897
Ion Ratio Lower Upper
82 100
128 42.4 32.2 48.2
54 44.6 38.4 57.6

Manual Integrations

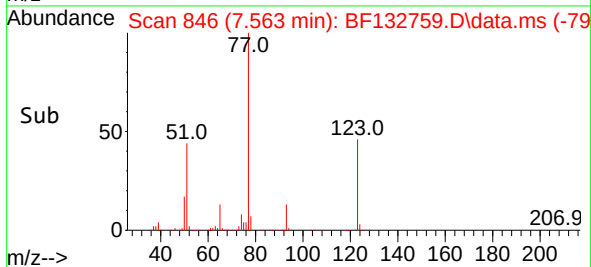
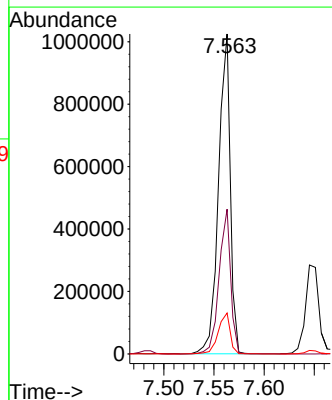
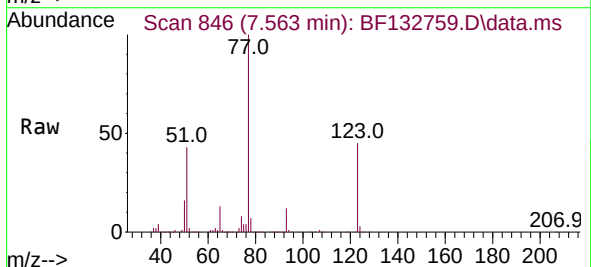
APPROVED

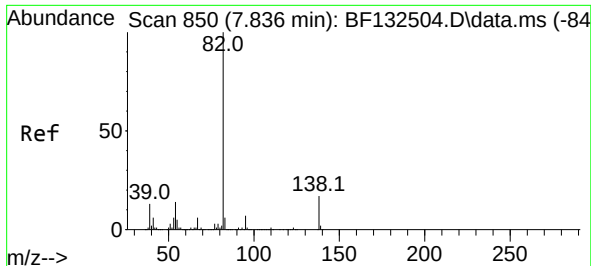
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#24
Nitrobenzene
Concen: 39.455 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

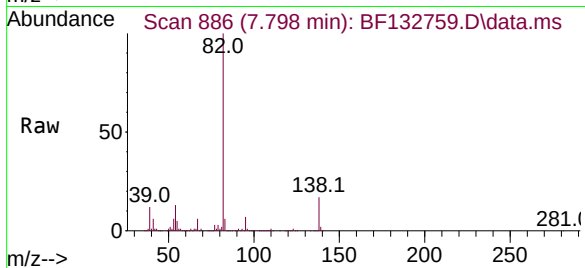
Tgt Ion: 77 Resp: 838576
Ion Ratio Lower Upper
77 100
123 45.2 35.8 53.6
65 12.8 10.9 16.3





#25
Isophorone
Concen: 41.742 ng
RT: 7.798 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

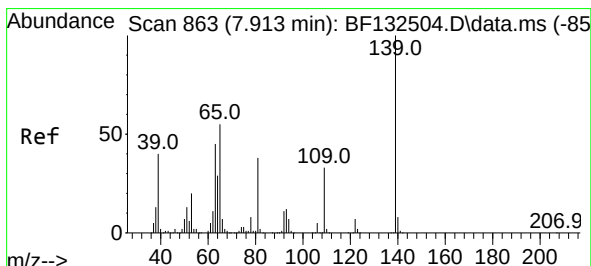
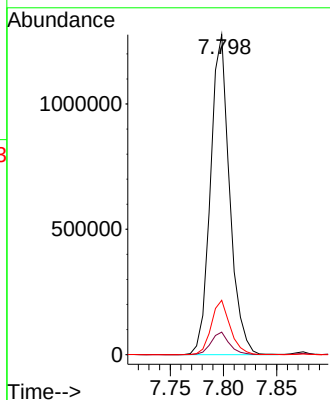
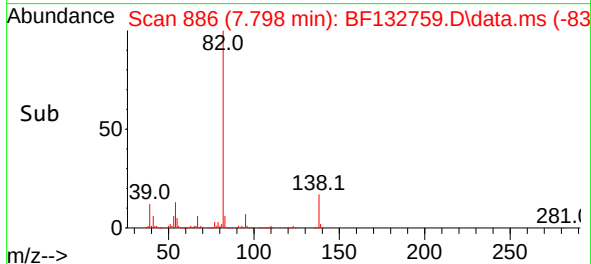
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion: 82 Resp: 1590417
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.0 13.3 19.9

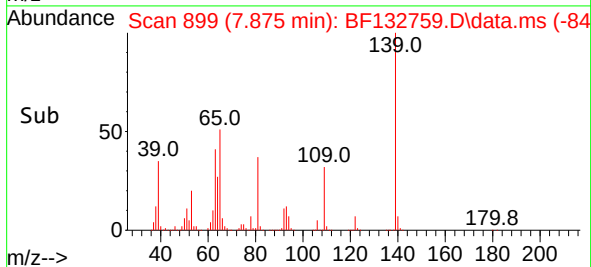
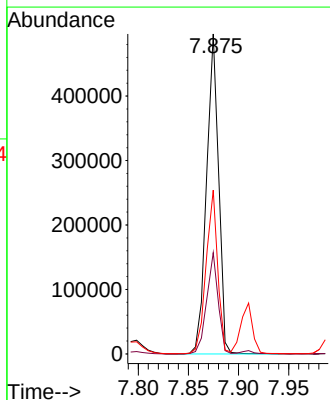
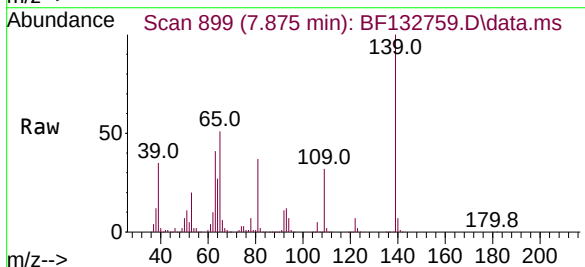
Manual Integrations
APPROVED

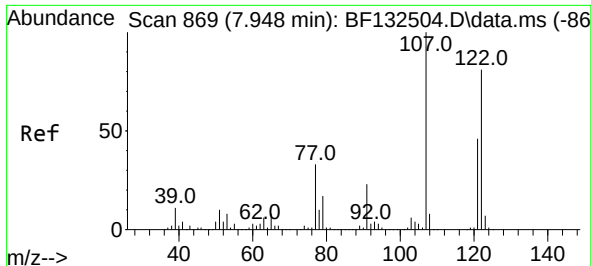
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#26
2-Nitrophenol
Concen: 44.137 ng
RT: 7.875 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

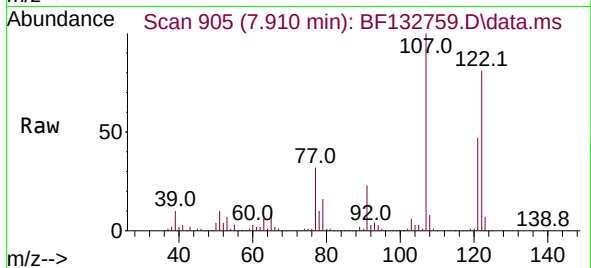
Tgt Ion:139 Resp: 413896
Ion Ratio Lower Upper
139 100
109 31.6 26.2 39.2
65 51.2 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 41.829 ng
RT: 7.910 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

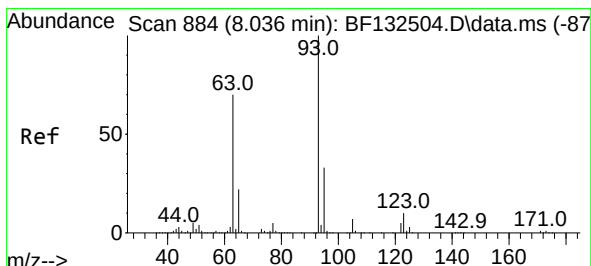
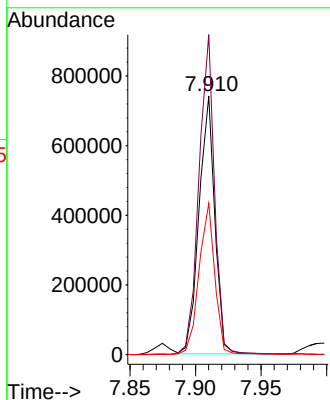
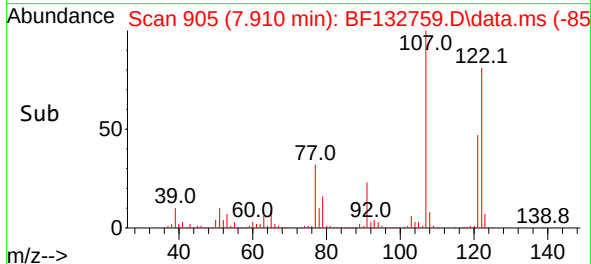
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:122 Resp: 619094
Ion Ratio Lower Upper
122 100
107 123.7 98.7 148.1
121 58.5 45.8 68.6

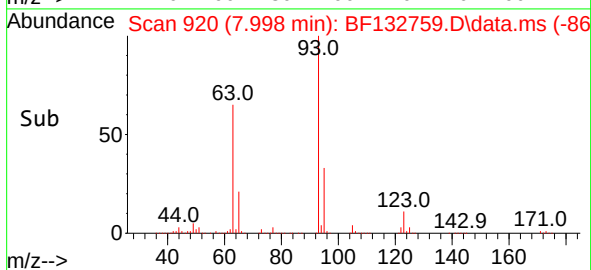
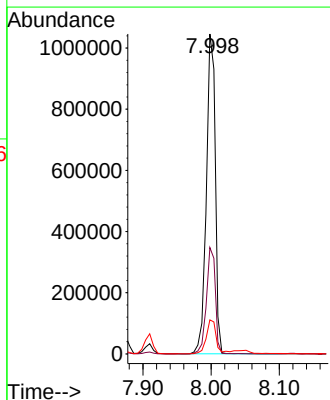
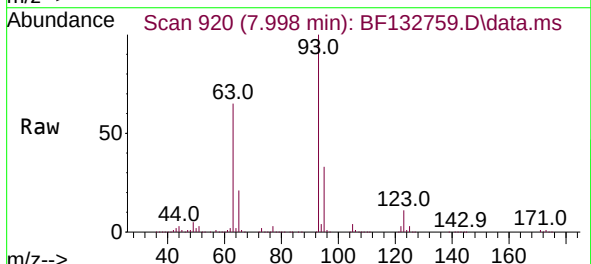
Manual Integrations
APPROVED

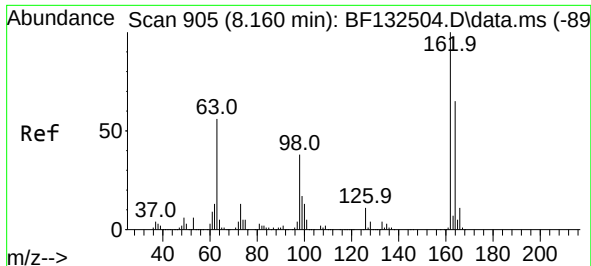
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.781 ng
RT: 7.998 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion: 93 Resp: 953529
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 10.6 8.3 12.5





#29
2,4-Dichlorophenol
Concen: 42.490 ng
RT: 8.122 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

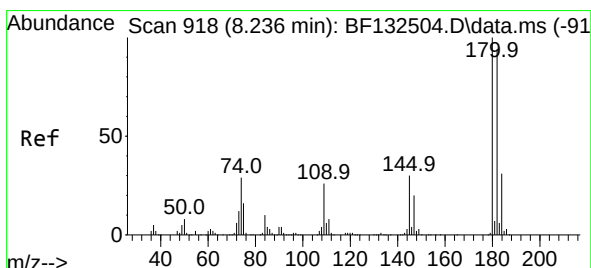
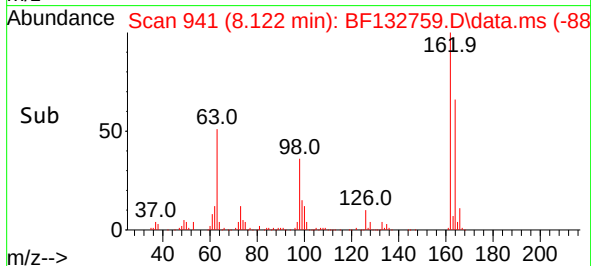
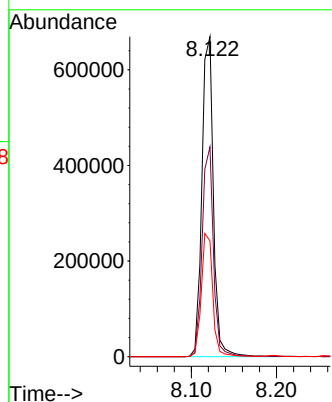
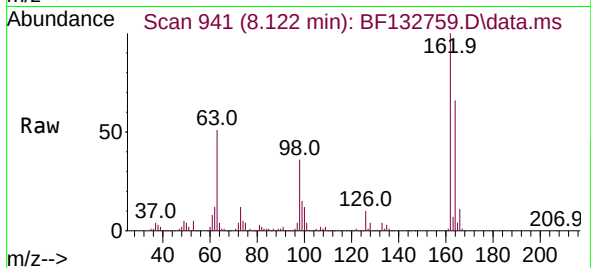
ClientSampleId :

PB151349BS

Tgt Ion:162 Resp: 625578
Ion Ratio Lower Upper
162 100
164 65.5 45.3 85.3
98 36.2 17.9 57.9

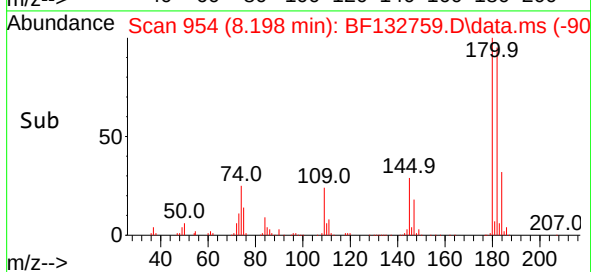
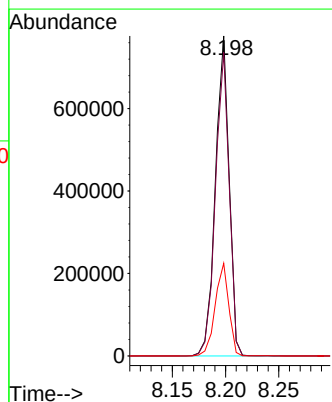
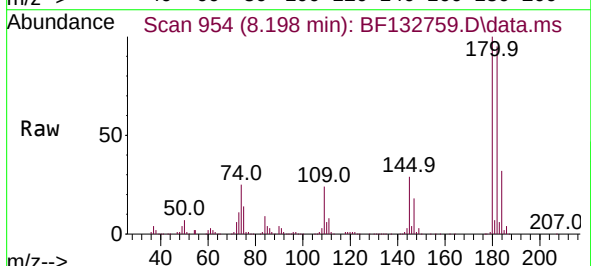
Manual Integrations
APPROVED

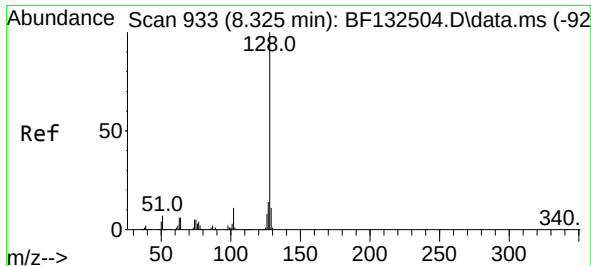
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.635 ng
RT: 8.198 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

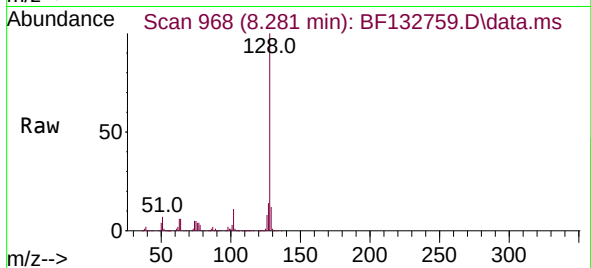
Tgt Ion:180 Resp: 697586
Ion Ratio Lower Upper
180 100
182 94.8 75.1 112.7
145 28.9 23.8 35.6





#31
Naphthalene
Concen: 40.195 ng
RT: 8.281 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

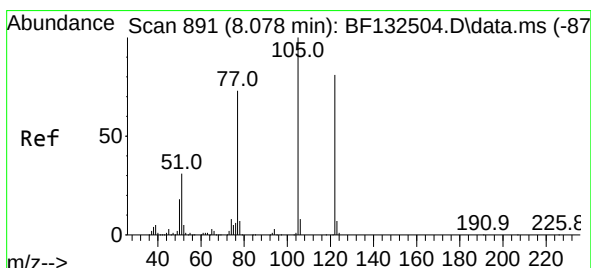
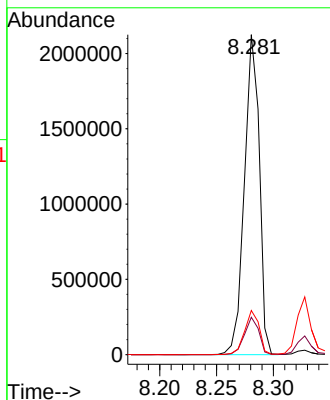
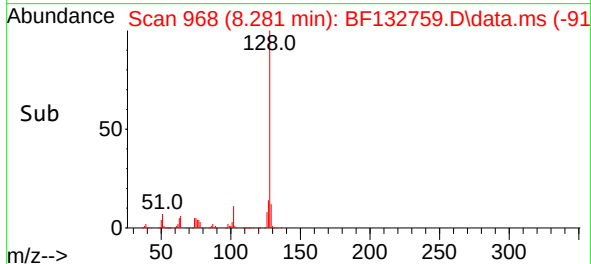
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:128 Resp: 194016
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.8 11.0 16.6

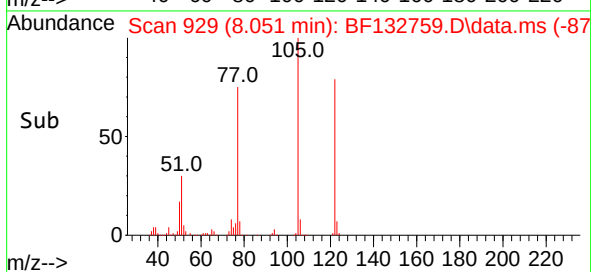
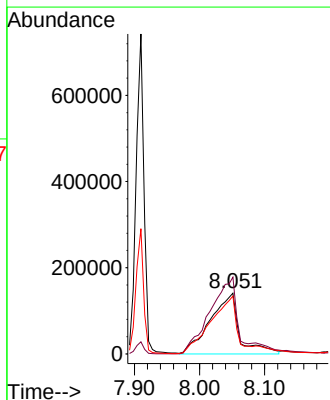
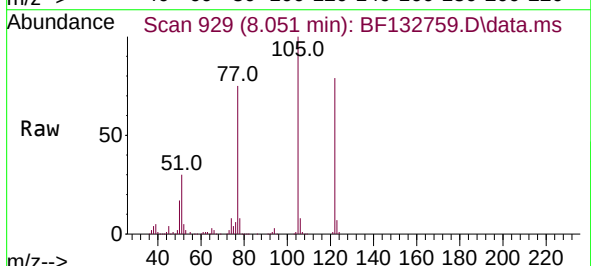
Manual Integrations
APPROVED

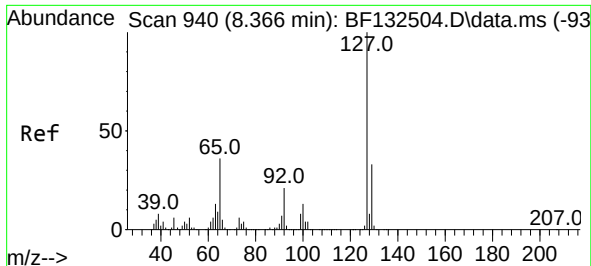
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#32
Benzoic acid
Concen: 38.485 ng m
RT: 8.051 min Scan# 929
Delta R.T. 0.012 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:122 Resp: 439211
Ion Ratio Lower Upper
122 100
105 126.2 102.6 142.6
77 95.2 70.2 110.2





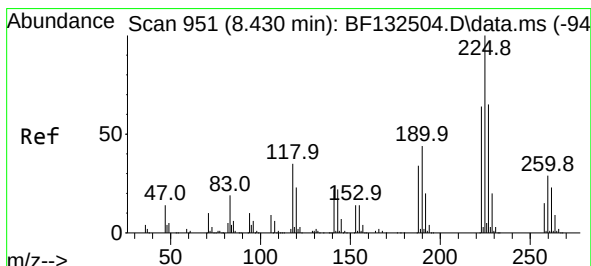
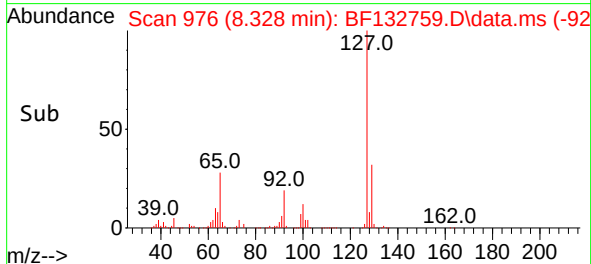
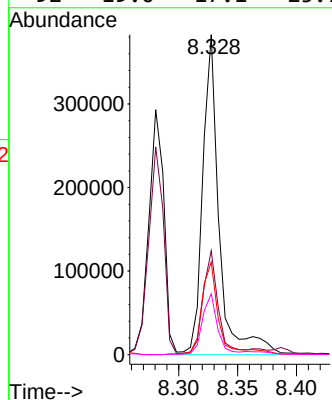
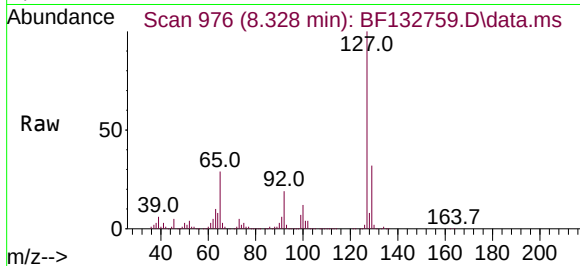
#33
4-Chloroaniline
Concen: 17.935 ng m
RT: 8.328 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Tgt Ion:127 Resp: 370976
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 28.9 28.8 43.2
92 19.0 17.1 25.7

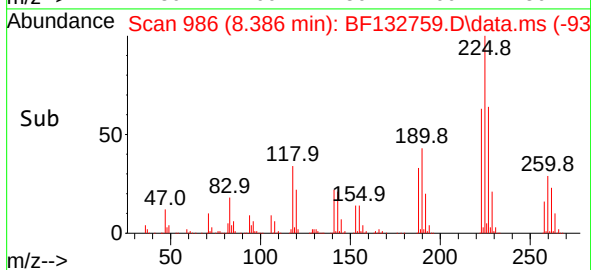
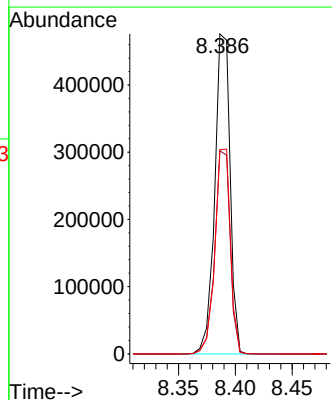
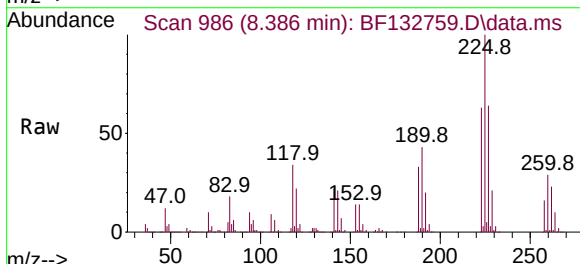
Manual Integrations
APPROVED

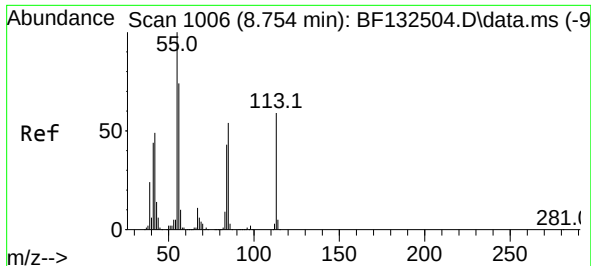
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#34
Hexachlorobutadiene
Concen: 44.182 ng
RT: 8.386 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

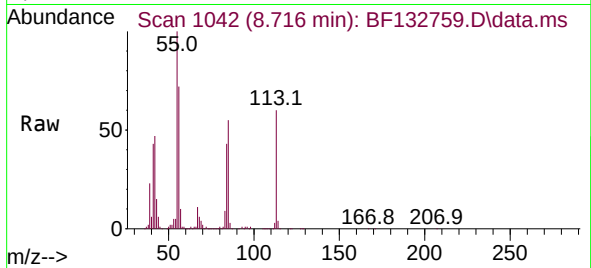
Tgt Ion:225 Resp: 448843
Ion Ratio Lower Upper
225 100
223 63.5 51.0 76.4
227 63.8 51.7 77.5





#35
Caprolactam
Concen: 44.357 ng m
RT: 8.716 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

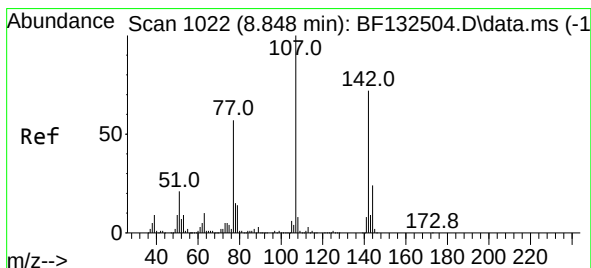
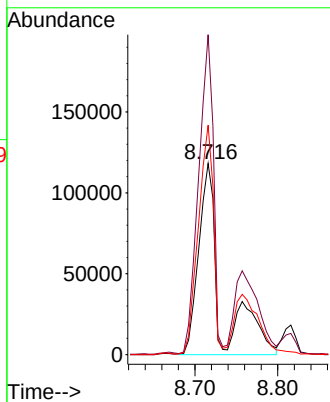
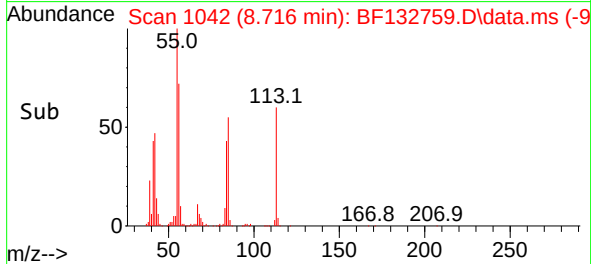
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:113 Resp: 215298
Ion Ratio Lower Upper
113 100
55 167.4 149.4 189.4
56 120.0 105.0 145.0

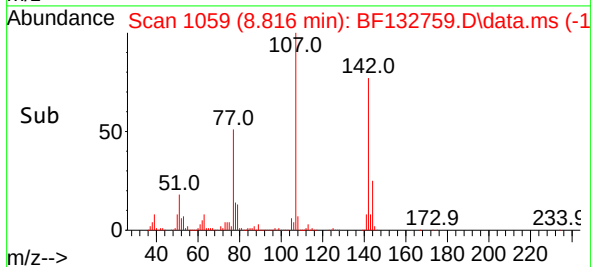
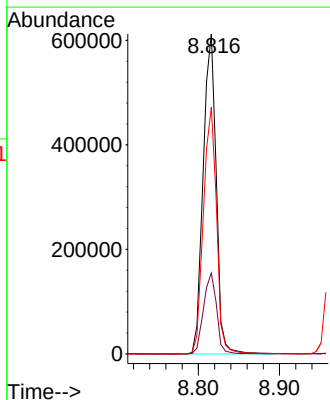
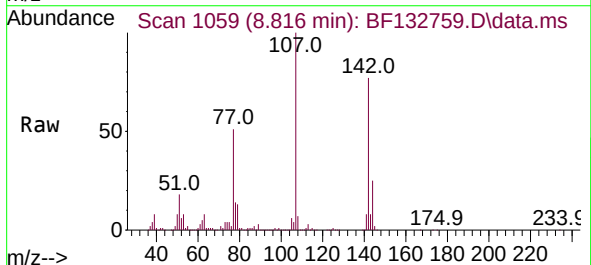
Manual Integrations
APPROVED

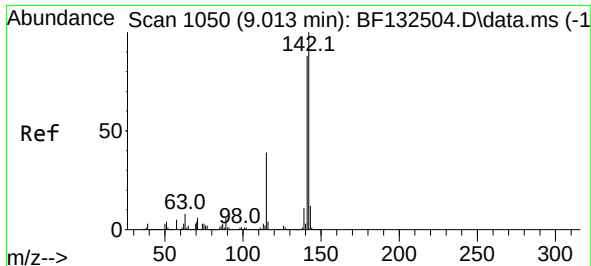
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 42.389 ng
RT: 8.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:107 Resp: 685373
Ion Ratio Lower Upper
107 100
144 25.3 18.9 28.3
142 77.1 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.162 ng

RT: 8.975 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB151349BS

Tgt Ion:142 Resp: 1288224

Ion Ratio Lower Upper

142 100

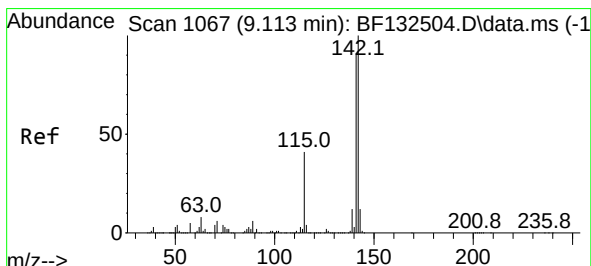
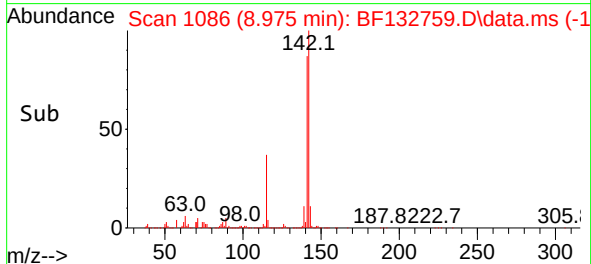
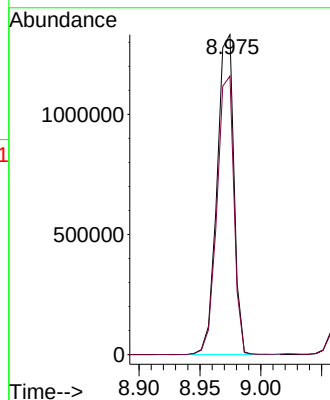
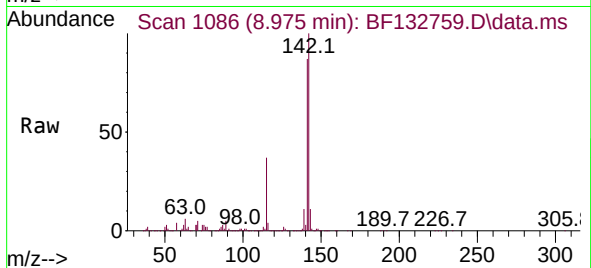
141 87.0 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#38

1-Methylnaphthalene

Concen: 39.142 ng

RT: 9.075 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF132759.D

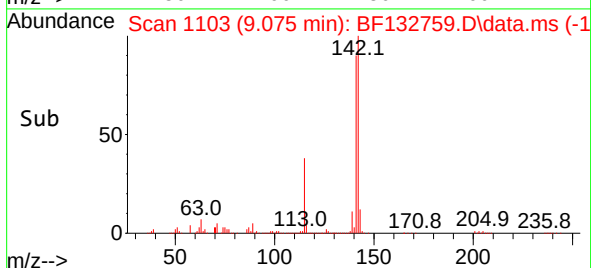
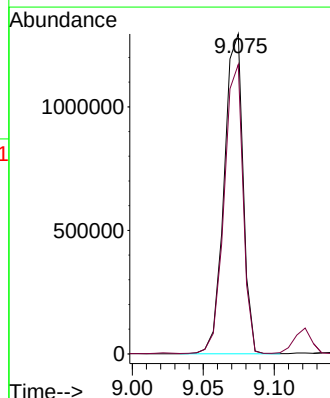
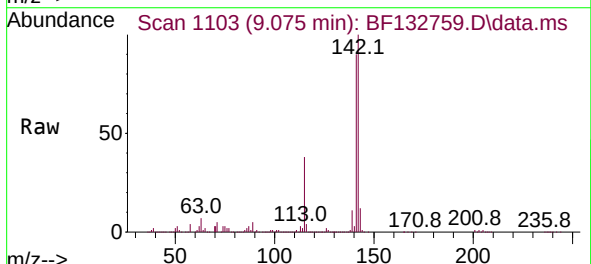
Acq: 13 Mar 2023 14:09

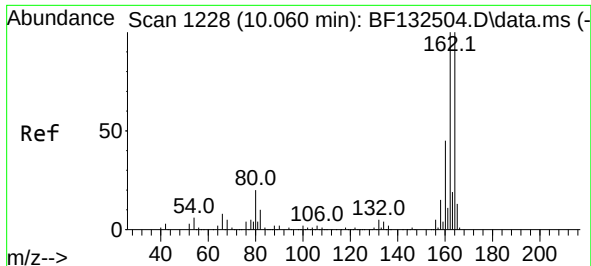
Tgt Ion:142 Resp: 1203270

Ion Ratio Lower Upper

142 100

141 90.4 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

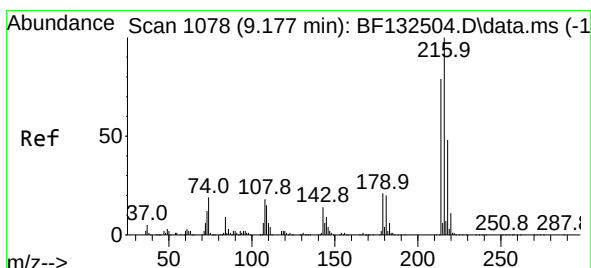
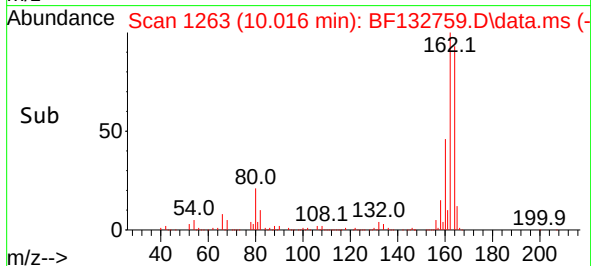
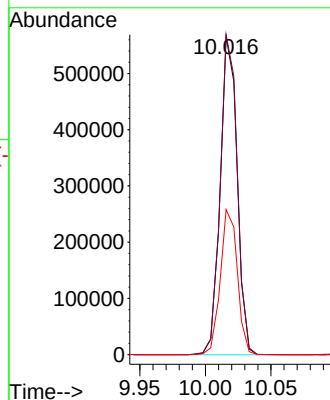
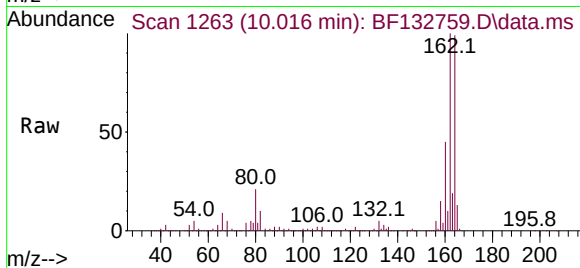
PB151349BS

Tgt Ion:164	Resp: 508174
Ion Ratio	Lower Upper
164	100
162	100.7 79.8 119.8
160	45.6 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.295 ng

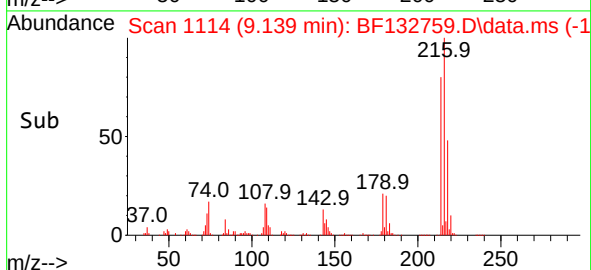
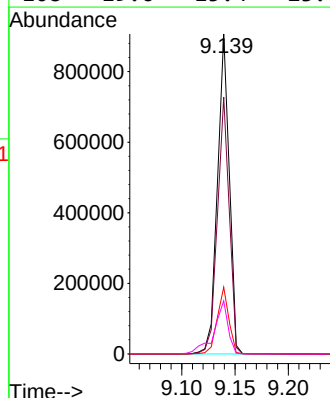
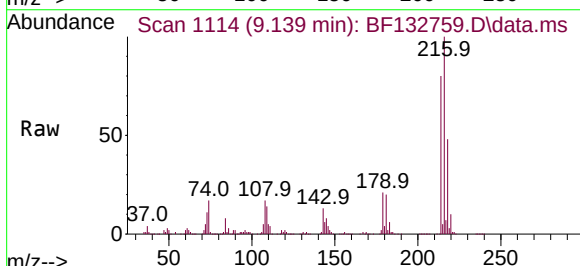
RT: 9.139 min Scan# 1114

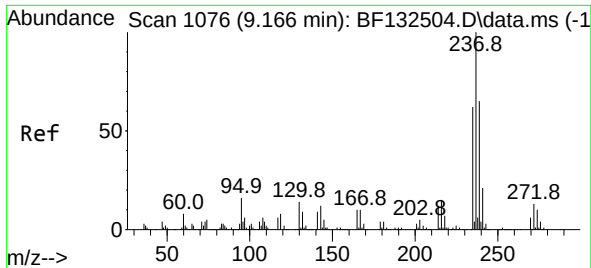
Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

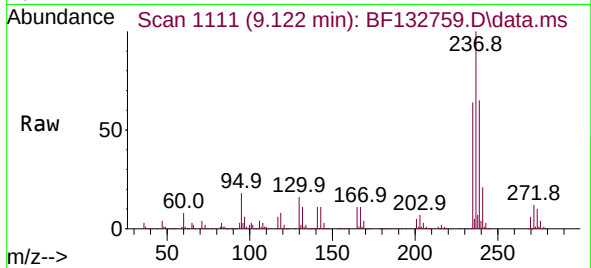
Tgt Ion:216	Resp: 703211
Ion Ratio	Lower Upper
216	100
214	80.1 63.0 94.6
179	20.3 16.6 24.8
108	19.6 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 89.616 ng
RT: 9.122 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

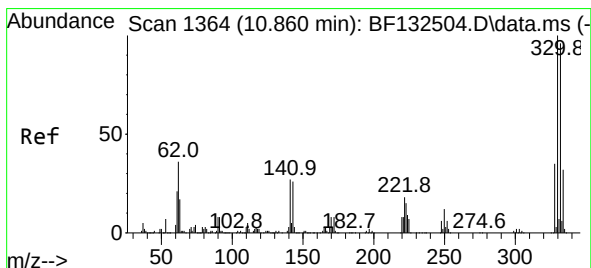
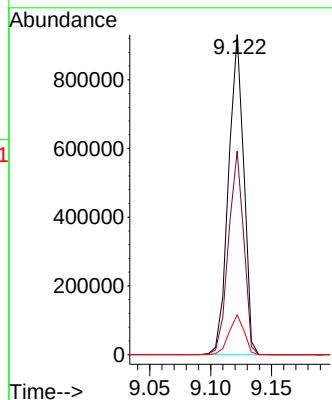
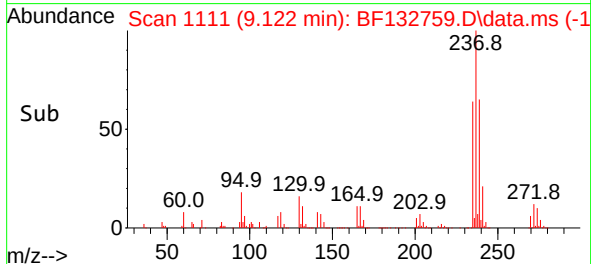
Instrument :
BNA_F
ClientSampleId :
PB151349BS



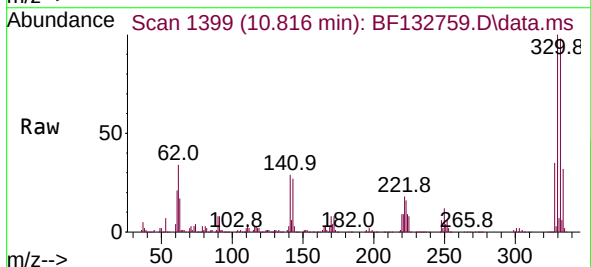
Tgt Ion: 237 Resp: 808153
Ion Ratio Lower Upper
237 100
235 63.6 42.4 82.4
272 12.4 0.0 32.7

Manual Integrations
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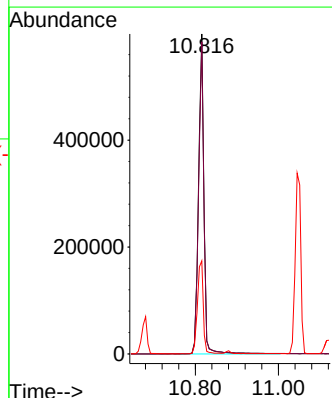
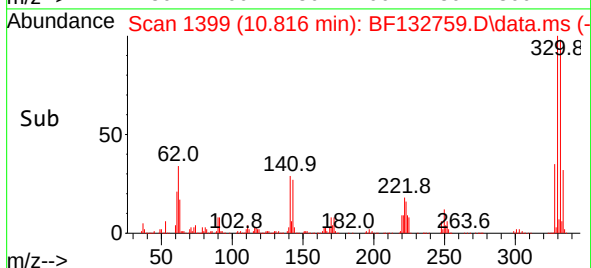
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023

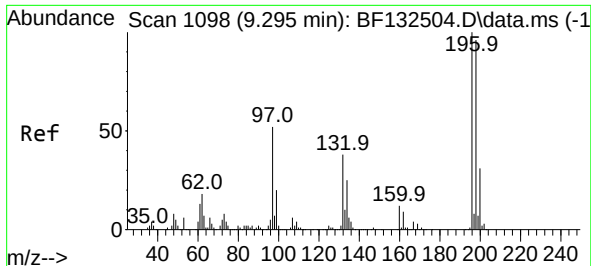


#42
2,4,6-Tribromophenol
Concen: 97.018 ng
RT: 10.816 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



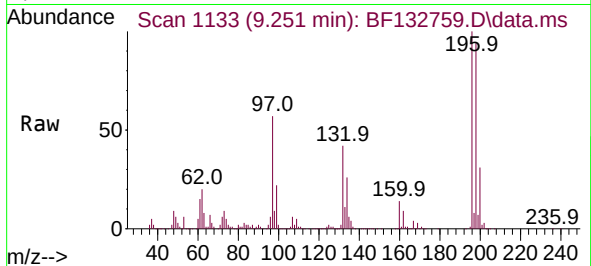
Tgt Ion: 330 Resp: 532441
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 31.9 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 41.800 ng
RT: 9.251 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

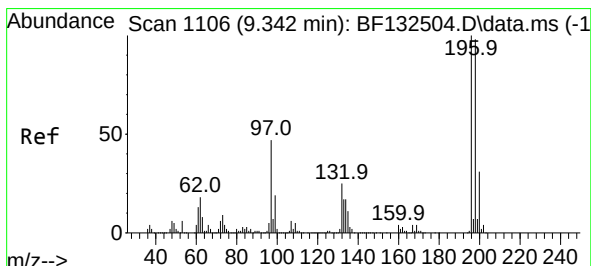
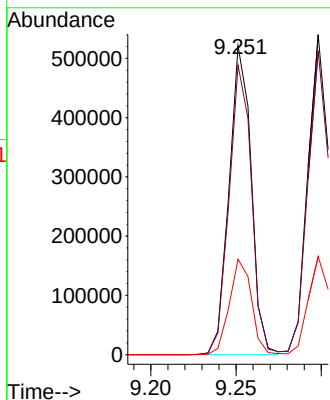
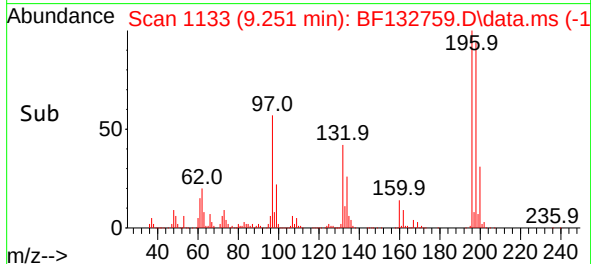
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:196 Resp: 470980
Ion Ratio Lower Upper
196 100
198 93.8 77.1 115.7
200 30.9 25.0 37.4

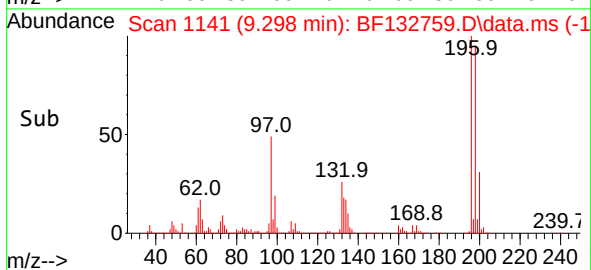
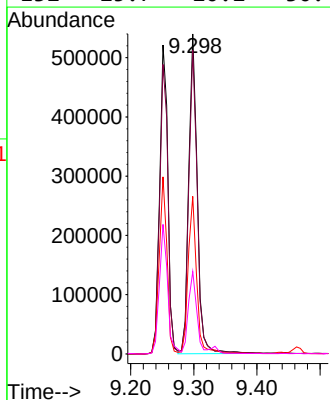
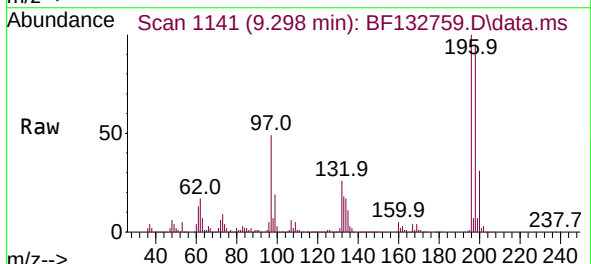
Manual Integrations
APPROVED

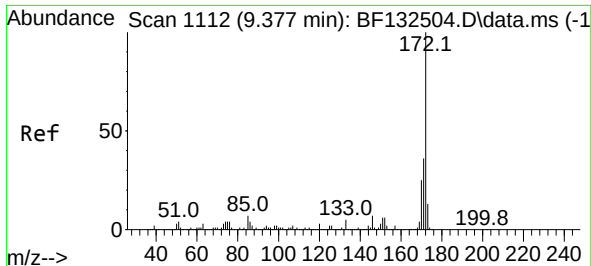
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#44
2,4,5-Trichlorophenol
Concen: 38.659 ng
RT: 9.298 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:196 Resp: 508395
Ion Ratio Lower Upper
196 100
198 94.9 78.3 117.5
97 49.2 38.1 57.1
132 25.7 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 61.322 ng
RT: 9.333 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

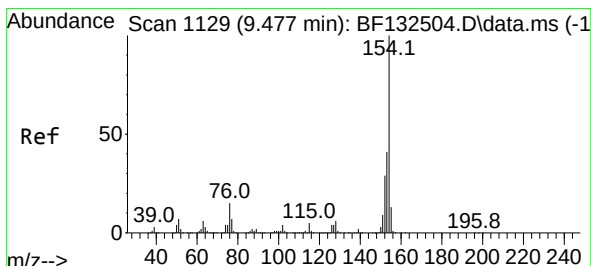
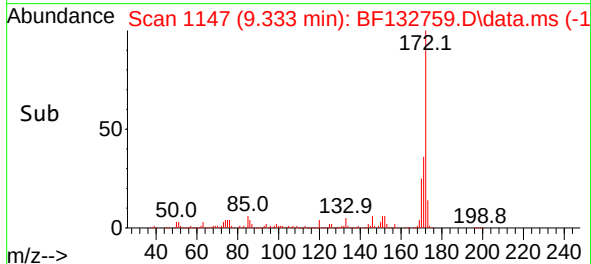
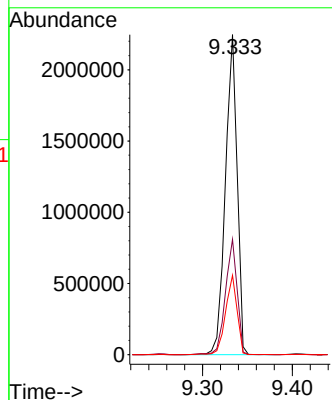
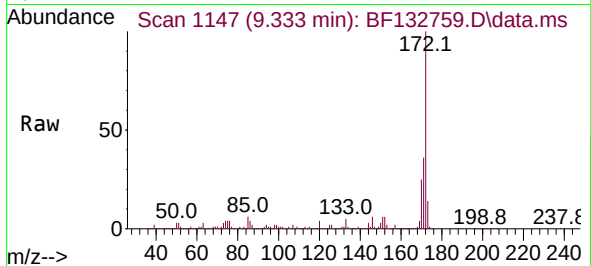
PB151349BS

Tgt Ion:172 Resp: 2046572
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.8 19.7 29.5

Manual Integrations

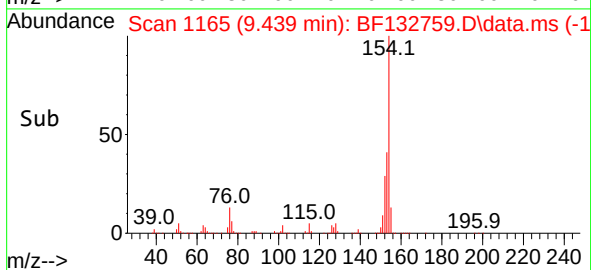
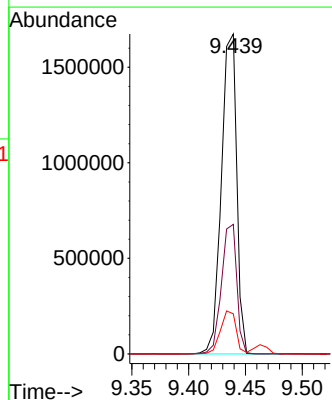
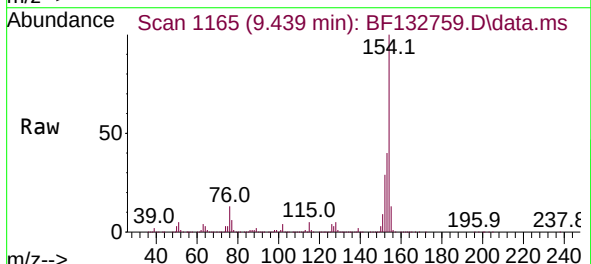
APPROVED

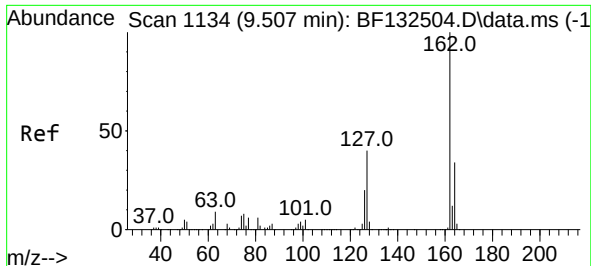
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#46
1,1'-Biphenyl
Concen: 40.779 ng
RT: 9.439 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:154 Resp: 1568492
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 12.5 0.0 34.7





#47

2-Chloronaphthalene

Concen: 41.465 ng

RT: 9.463 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB151349BS

Tgt Ion:162 Resp: 1264486

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

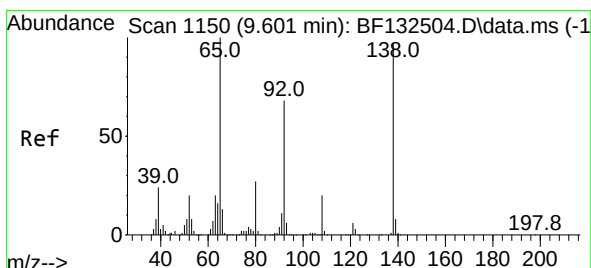
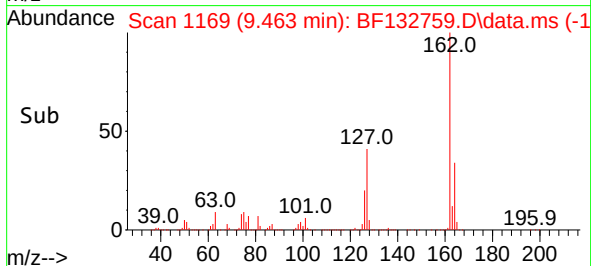
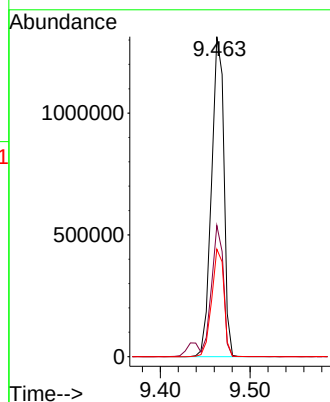
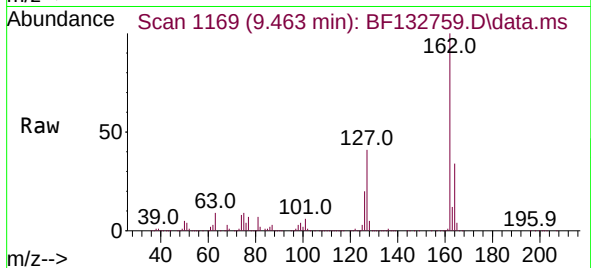
164 33.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#48

2-Nitroaniline

Concen: 36.626 ng

RT: 9.563 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

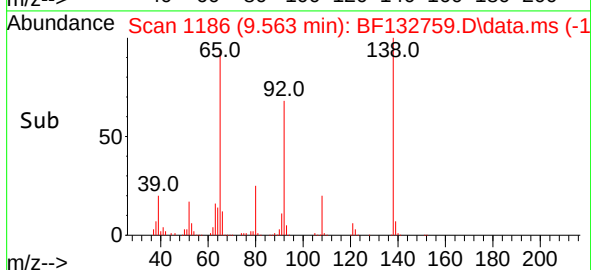
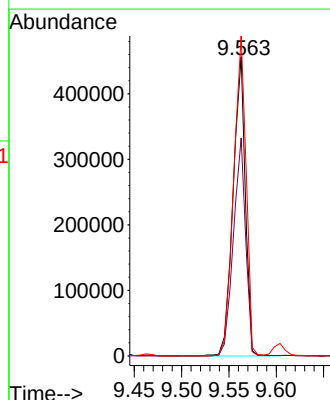
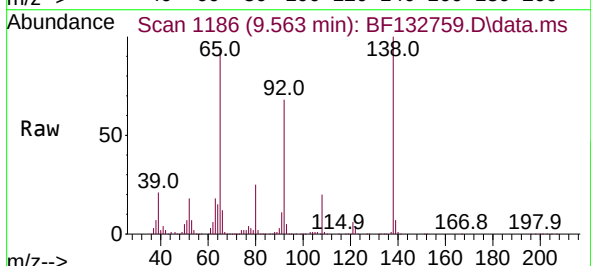
Tgt Ion: 65 Resp: 411364

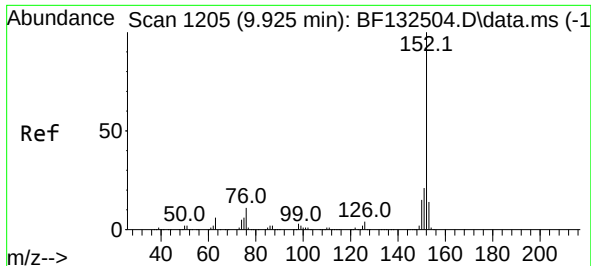
Ion Ratio Lower Upper

65 100

92 72.8 54.5 81.7

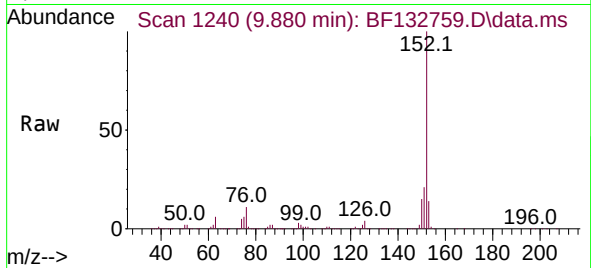
138 106.9 77.2 115.8





#49
Acenaphthylene
Concen: 39.019 ng
RT: 9.880 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

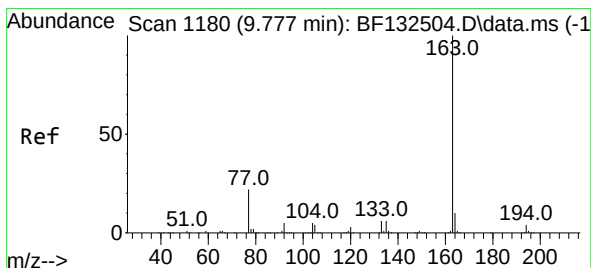
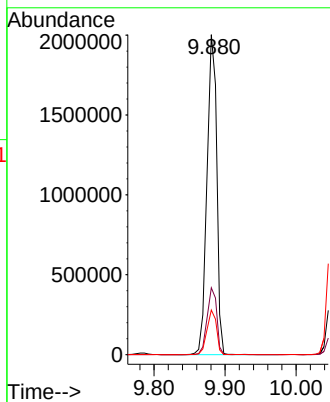
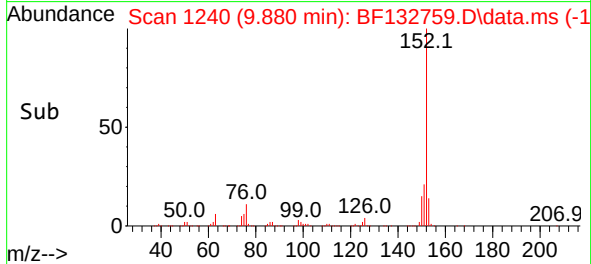
Instrument :
BNA_F
ClientSampleId :
PB151349BS



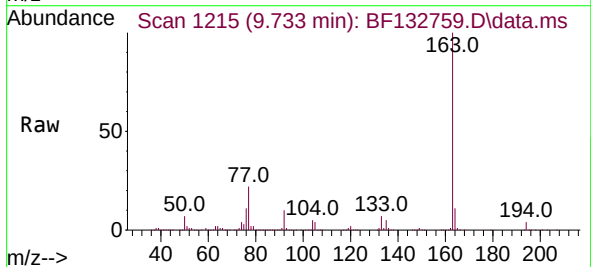
Tgt Ion:152 Resp: 1893748
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.9 11.0 16.6

Manual Integrations
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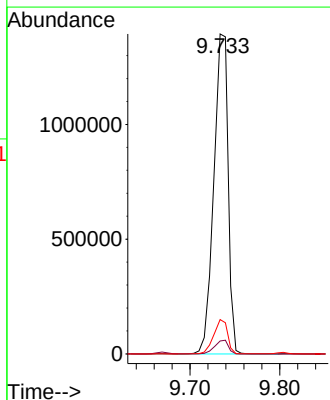
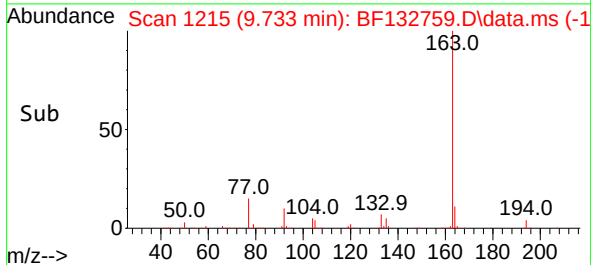
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

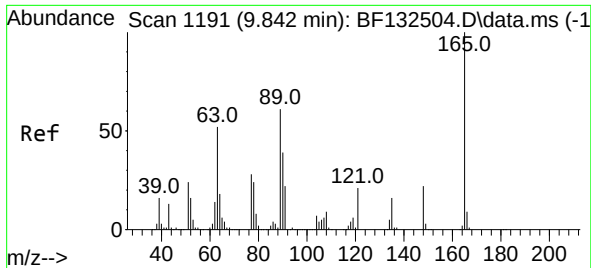


#50
Dimethylphthalate
Concen: 41.754 ng
RT: 9.733 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



Tgt Ion:163 Resp: 1544943
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.3 12.5





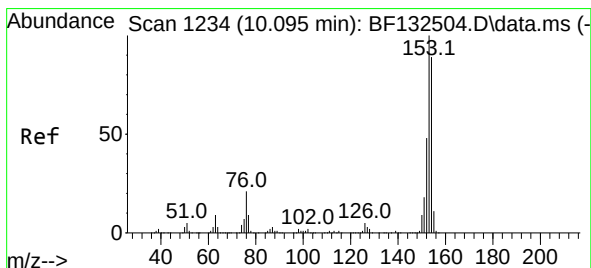
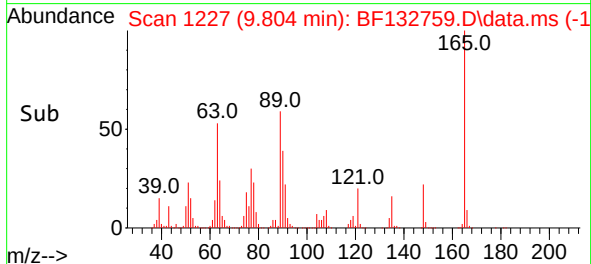
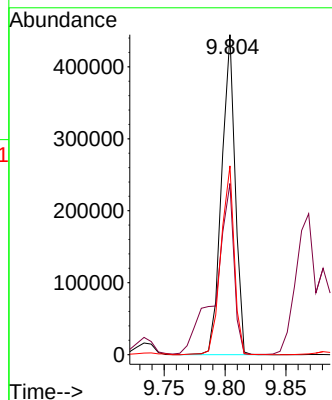
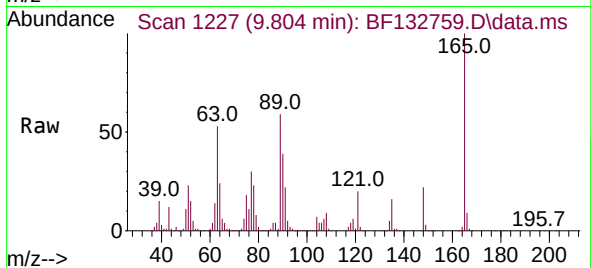
#51
2,6-Dinitrotoluene
Concen: 40.848 ng
RT: 9.804 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Tgt Ion:165 Resp: 344212
Ion Ratio Lower Upper
165 100
63 53.5 47.3 70.9
89 59.0 48.9 73.3

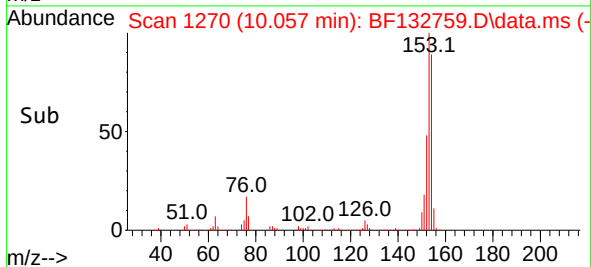
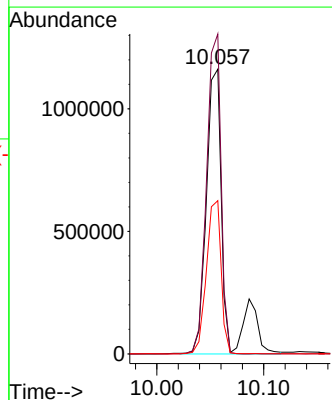
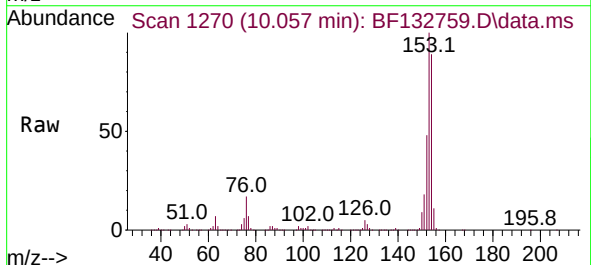
Manual Integrations
APPROVED

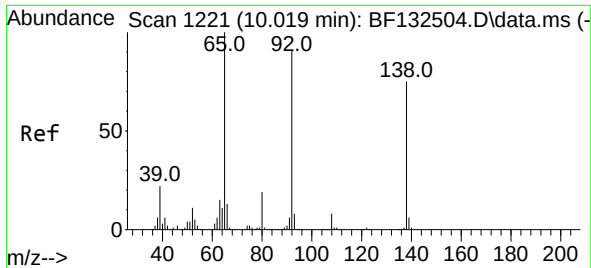
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#52
Acenaphthene
Concen: 42.930 ng m
RT: 10.057 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

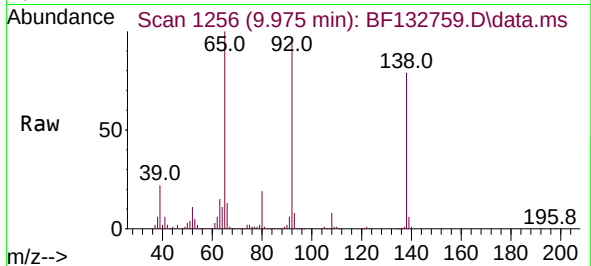
Tgt Ion:154 Resp: 1323016
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 53.8 43.3 64.9





#53
3-Nitroaniline
Concen: 27.261 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

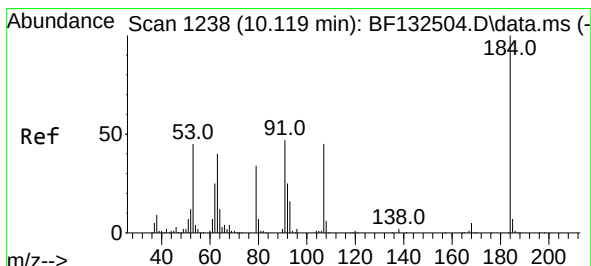
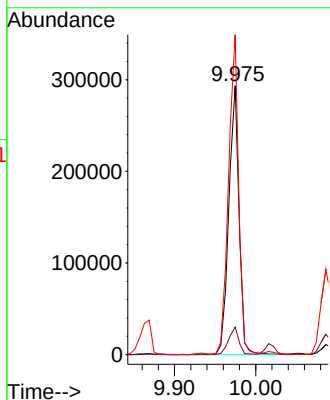
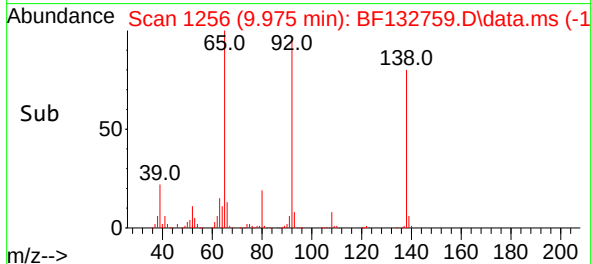
Instrument :
BNA_F
ClientSampleId :
PB151349BS



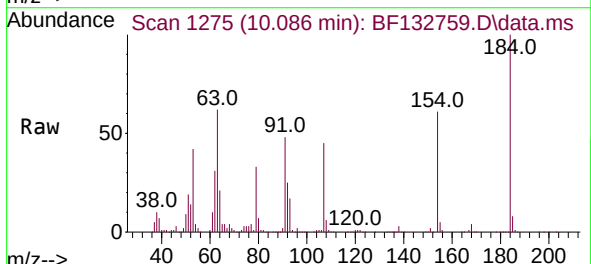
Tgt Ion:138 Resp: 256974
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 119.0 97.2 145.8

Manual Integrations
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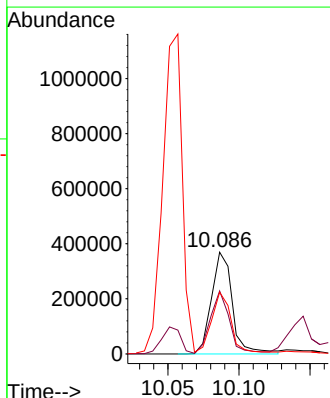
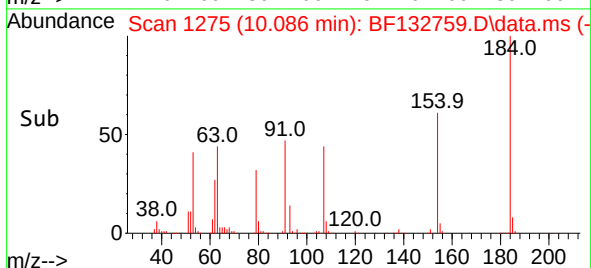
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

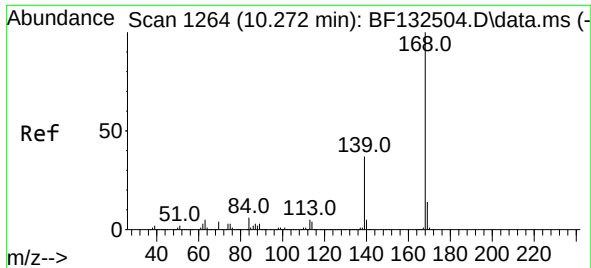


#54
2,4-Dinitrophenol
Concen: 71.391 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



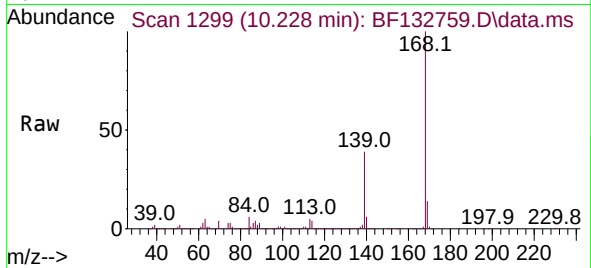
Tgt Ion:184 Resp: 378022
Ion Ratio Lower Upper
184 100
63 62.0 51.4 77.2
154 60.7 48.3 72.5





#55
Dibenzofuran
Concen: 37.596 ng
RT: 10.228 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

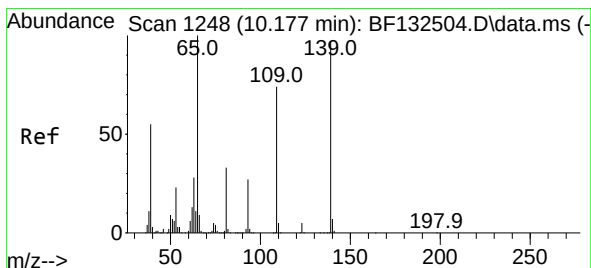
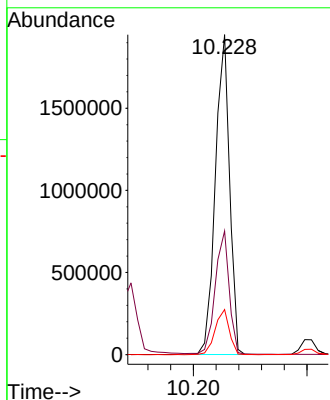
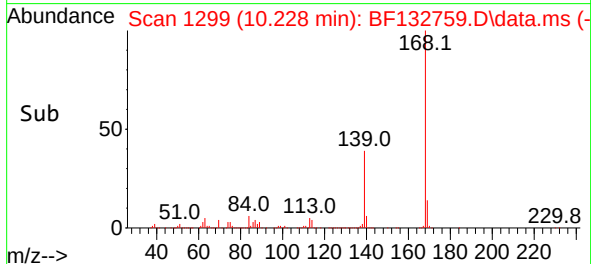
Instrument :
BNA_F
ClientSampleId :
PB151349BS



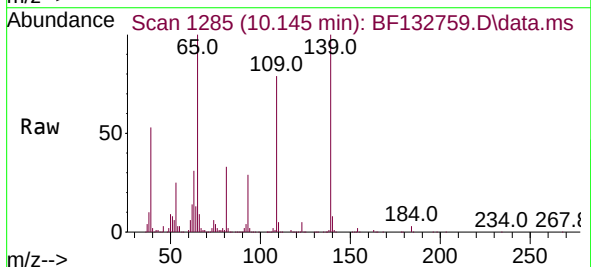
Tgt Ion:168 Resp: 1689108
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.6
169 14.1 10.9 16.3

Manual Integrations
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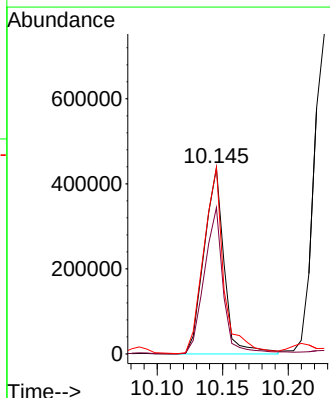
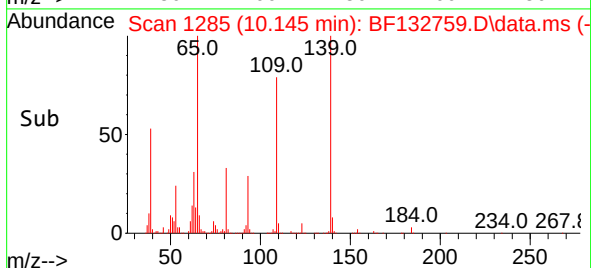
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

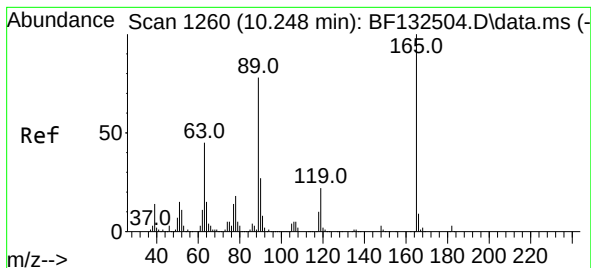


#56
4-Nitrophenol
Concen: 66.139 ng
RT: 10.145 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



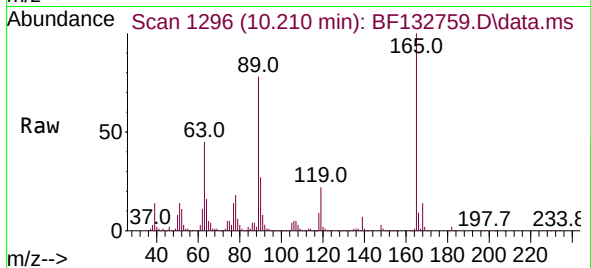
Tgt Ion:139 Resp: 464942
Ion Ratio Lower Upper
139 100
109 78.8 56.7 96.7
65 100.3 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 40.176 ng
RT: 10.210 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

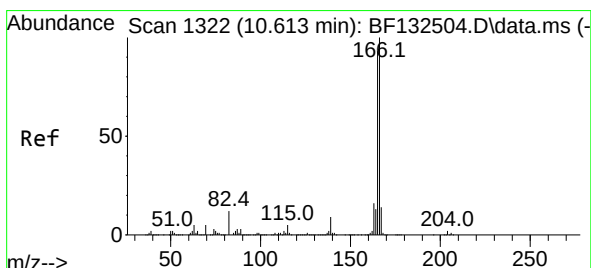
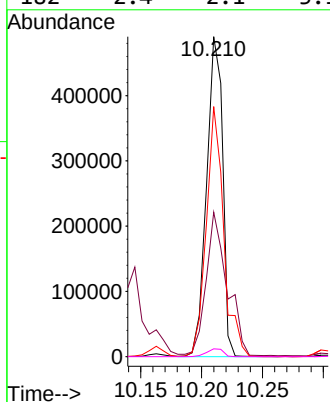
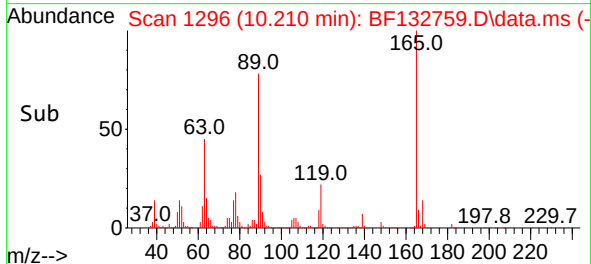
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:165 Resp: 450399
Ion Ratio Lower Upper
165 100
63 45.1 36.5 54.7
89 78.1 62.4 93.6
182 2.4 2.1 3.1

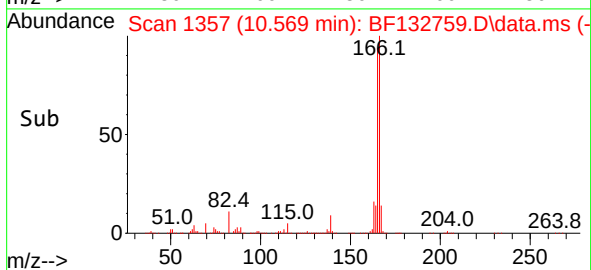
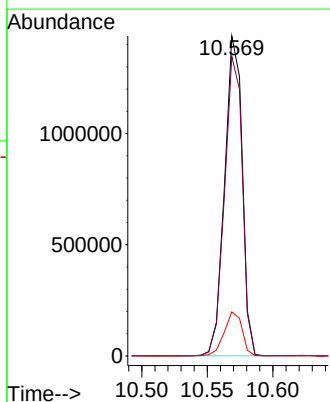
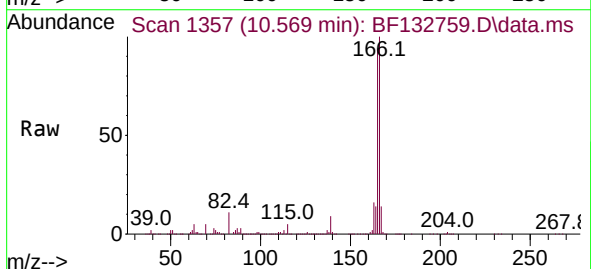
Manual Integrations
APPROVED

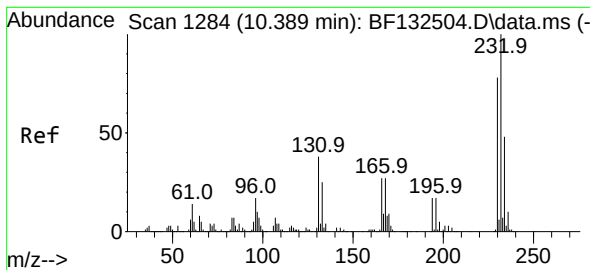
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#58
Fluorene
Concen: 39.134 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

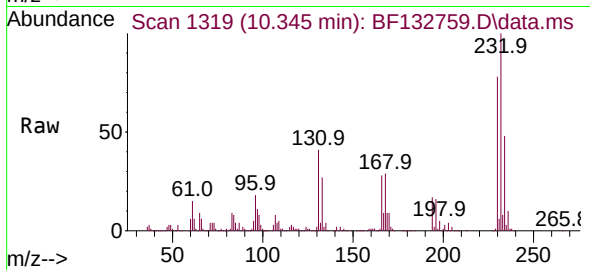
Tgt Ion:166 Resp: 1344878
Ion Ratio Lower Upper
166 100
165 93.6 74.2 111.4
167 13.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.828 ng
RT: 10.345 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

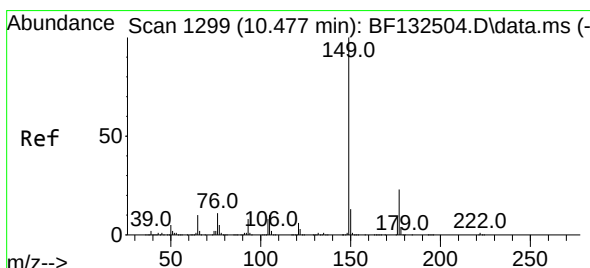
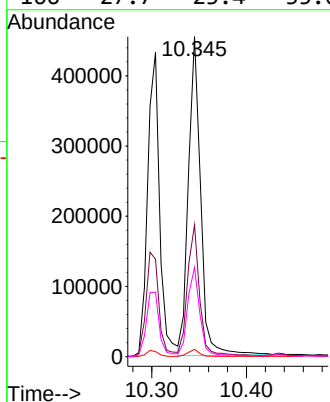
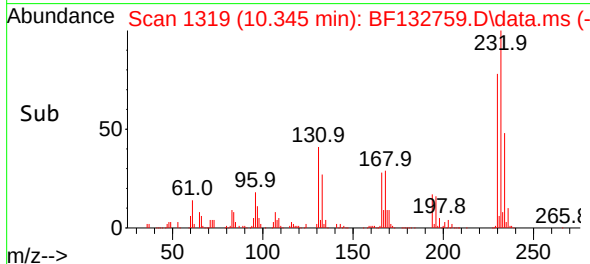
Instrument :
BNA_F
ClientSampleId :
PB151349BS



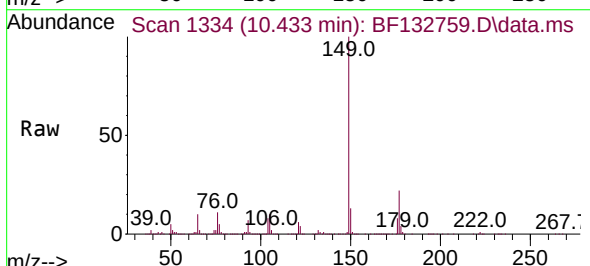
Tgt Ion:232 Resp: 408618
Ion Ratio Lower Upper
232 100
131 40.5 33.8 50.8
130 2.0 1.7 2.5
166 27.7 23.4 35.0

Manual Integrations
APPROVED

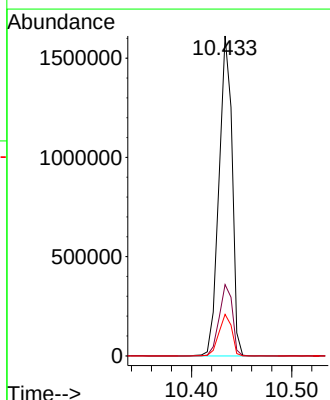
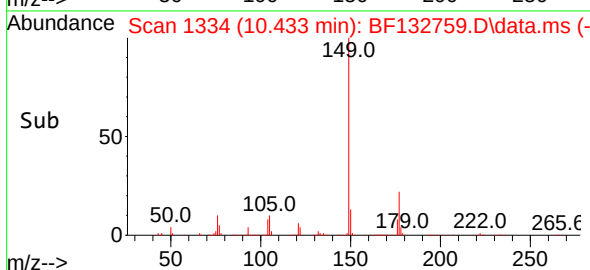
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

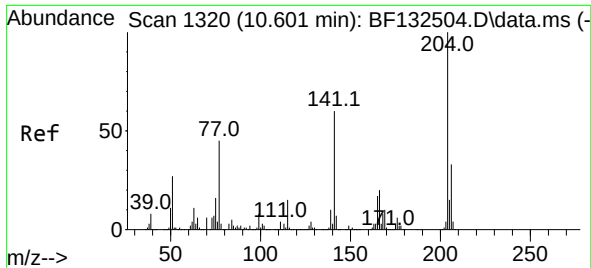


#60
Diethylphthalate
Concen: 40.398 ng
RT: 10.433 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



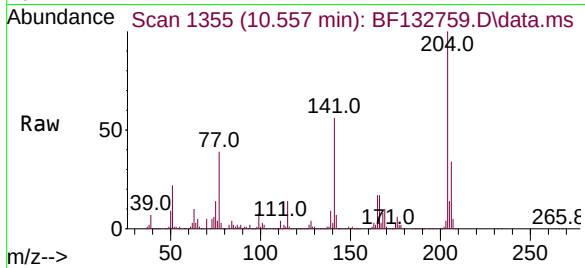
Tgt Ion:149 Resp: 1459878
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.341 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

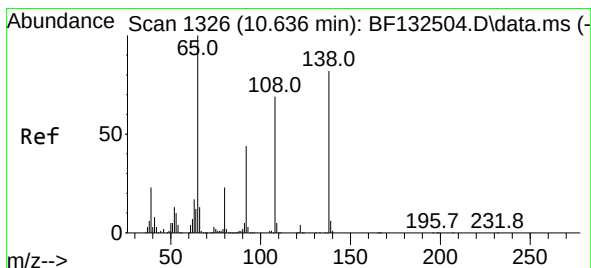
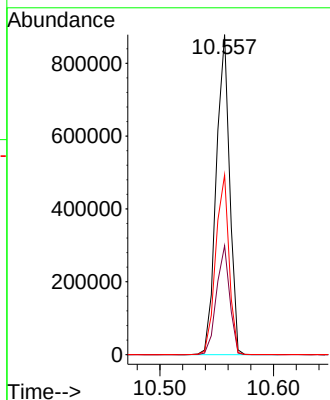
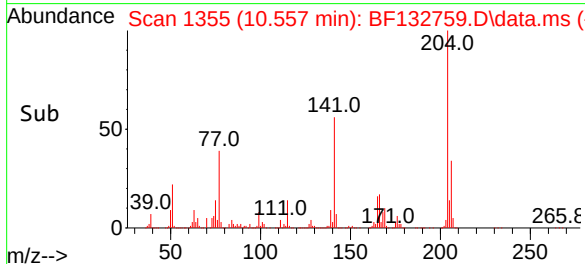
Instrument :
BNA_F
ClientSampleId :
PB151349BS



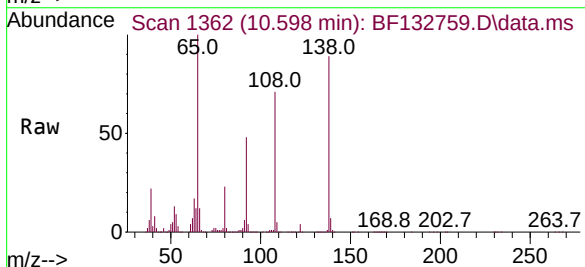
Tgt Ion:204 Resp: 71920
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 56.1 47.8 71.8

Manual Integrations
APPROVED

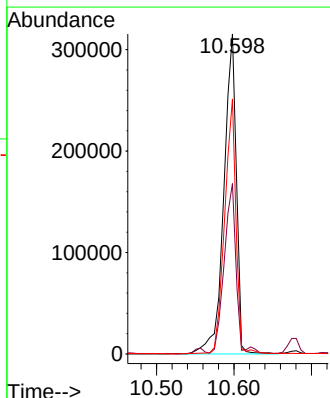
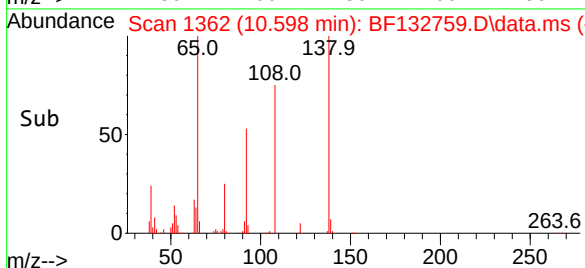
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

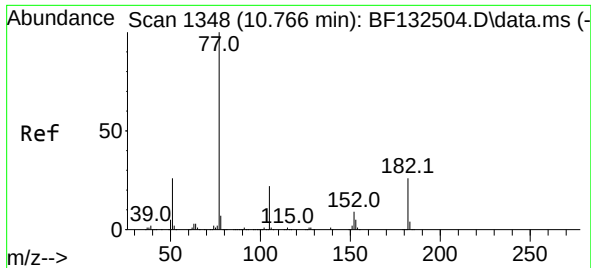


#62
4-Nitroaniline
Concen: 38.415 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



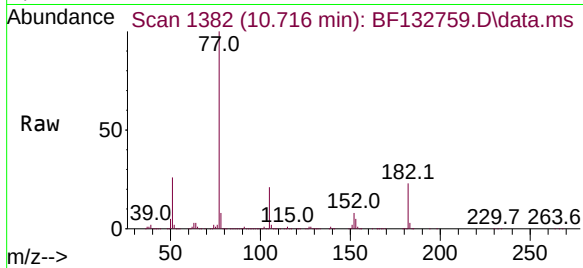
Tgt Ion:138 Resp: 355450
Ion Ratio Lower Upper
138 100
92 53.2 33.8 73.8
108 79.7 63.7 103.7





#63
Azobenzene
Concen: 38.388 ng
RT: 10.716 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

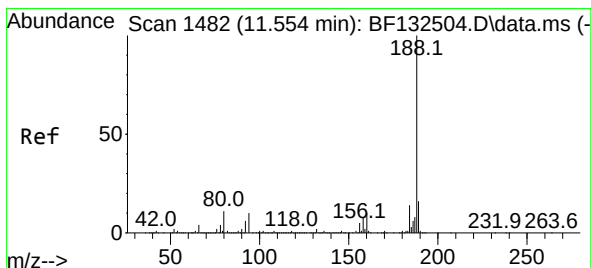
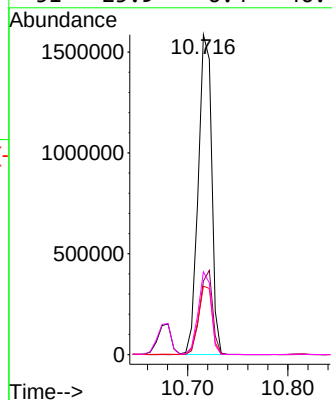
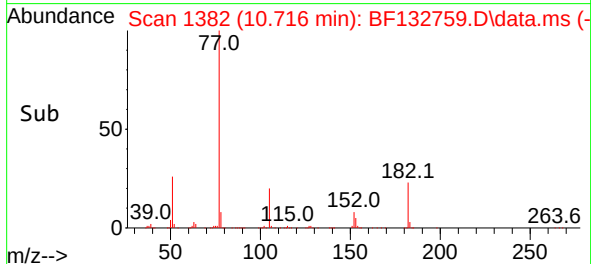
Instrument :
BNA_F
ClientSampleId :
PB151349BS



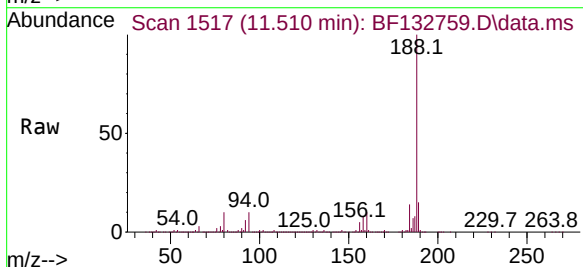
Tgt Ion: 77 Resp: 1469192
Ion Ratio Lower Upper
77 100
182 23.0 5.5 45.5
105 21.4 1.8 41.8
51 25.9 6.4 46.4

Manual Integrations
APPROVED

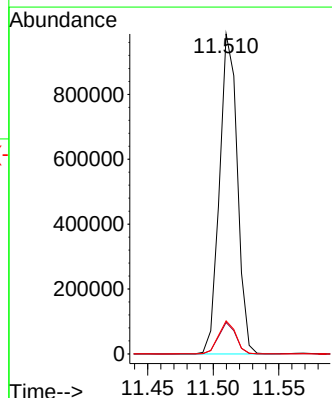
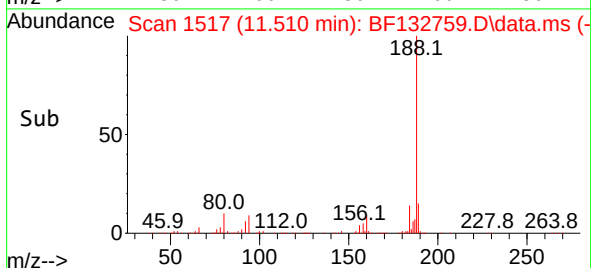
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

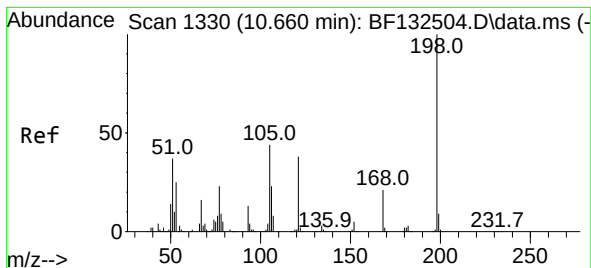


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



Tgt Ion:188 Resp: 937127
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.3 8.7 13.1





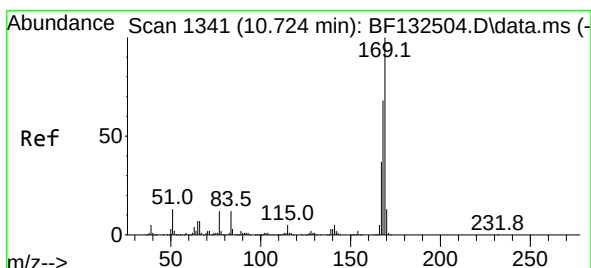
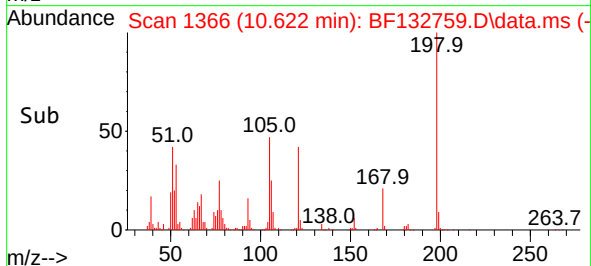
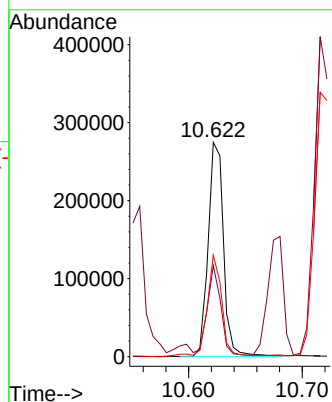
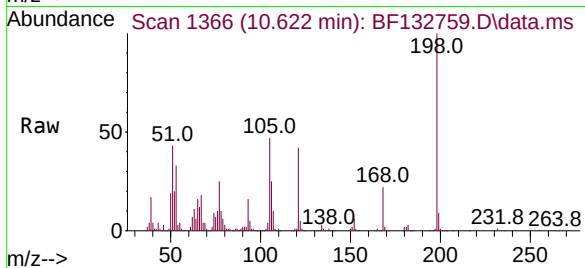
#65
4,6-Dinitro-2-methylphenol
Concen: 40.942 ng
RT: 10.622 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Tgt Ion:198 Resp: 259732
Ion Ratio Lower Upper
198 100
51 42.5 20.6 60.6
105 47.4 24.3 64.3

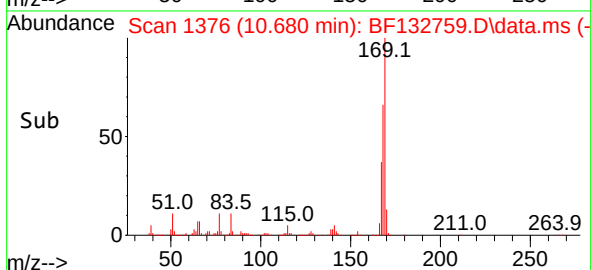
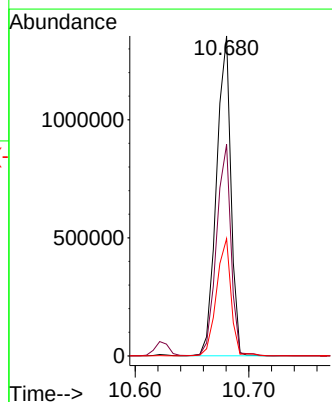
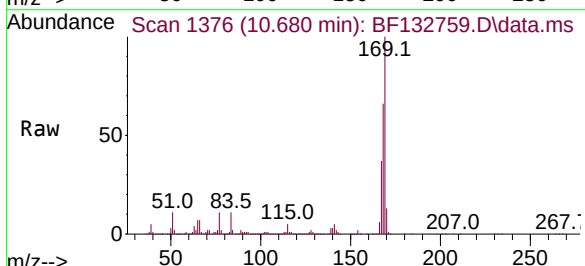
Manual Integrations
APPROVED

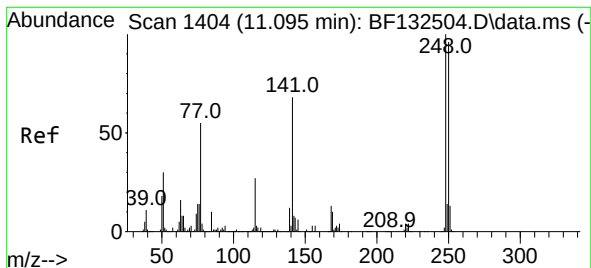
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#66
n-Nitrosodiphenylamine
Concen: 40.808 ng
RT: 10.680 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:169 Resp: 1192235
Ion Ratio Lower Upper
169 100
168 66.1 54.2 81.4
167 36.6 29.6 44.4





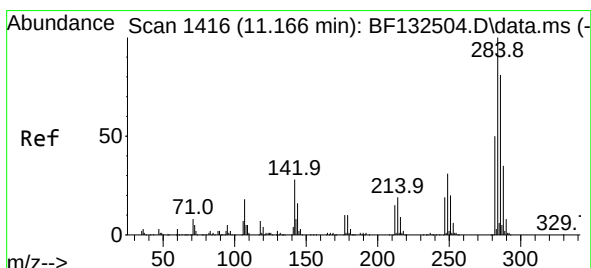
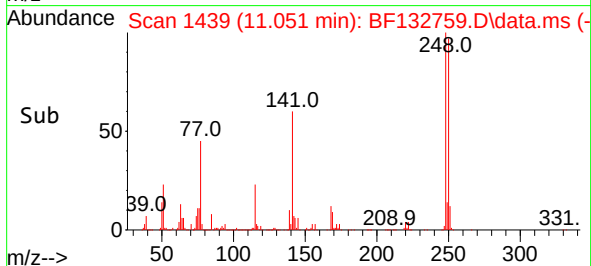
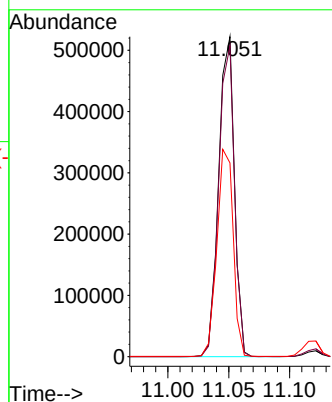
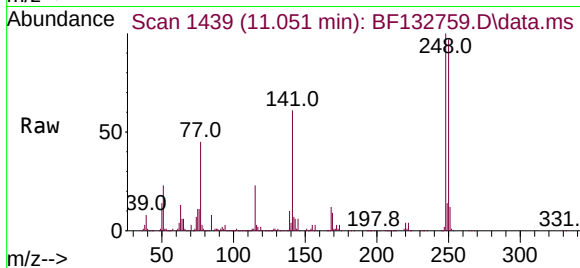
#67
4-Bromophenyl-phenylether
Concen: 44.228 ng
RT: 11.051 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Tgt Ion:248 Resp: 468832
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.4
141 60.5 54.2 81.2

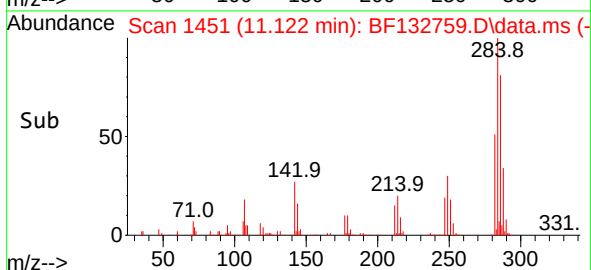
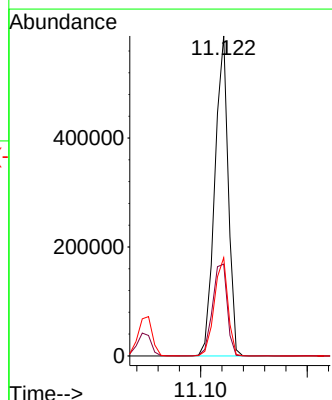
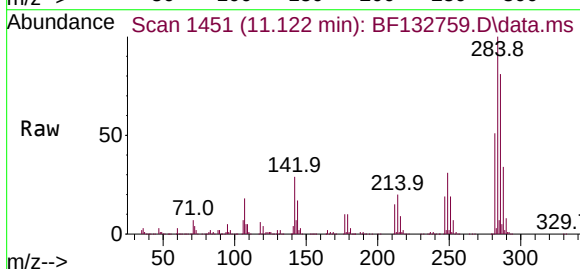
Manual Integrations
APPROVED

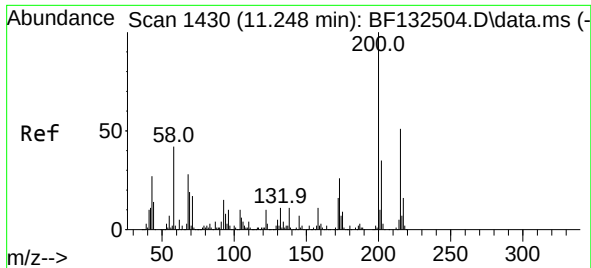
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#68
Hexachlorobenzene
Concen: 46.096 ng
RT: 11.122 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:284 Resp: 514163
Ion Ratio Lower Upper
284 100
142 28.7 22.2 33.4
249 30.7 24.9 37.3





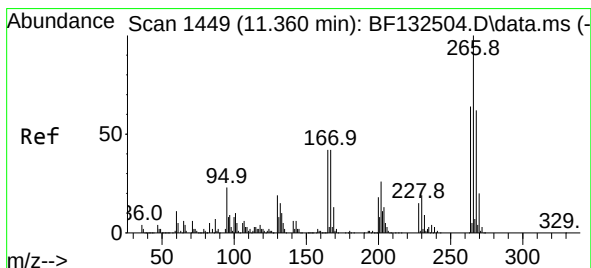
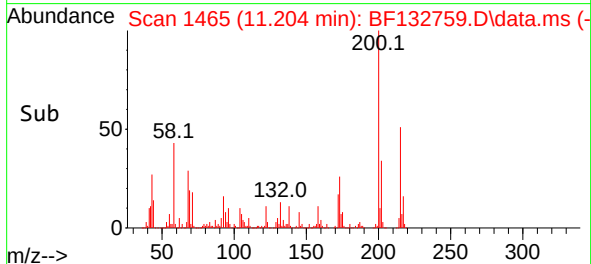
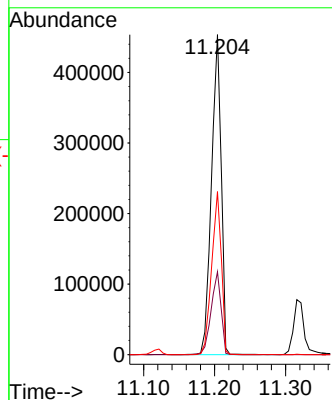
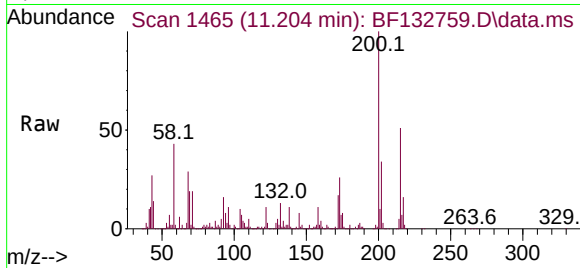
#69
 Atrazine
 Concen: 47.166 ng
 RT: 11.204 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF132759.D
 Acq: 13 Mar 2023 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PB151349BS

Tgt Ion:200 Resp: 430194
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.4 46.4
 215 50.9 31.0 71.0

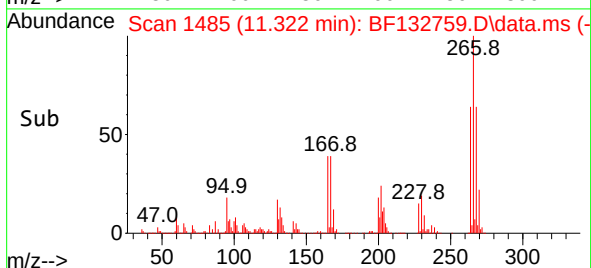
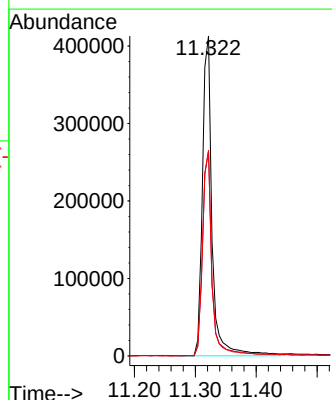
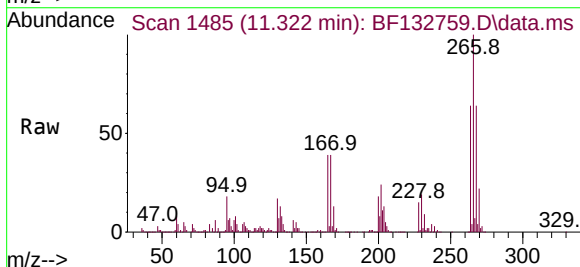
Manual Integrations
 APPROVED

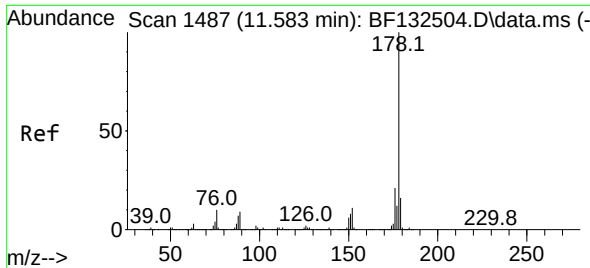
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#70
 Pentachlorophenol
 Concen: 68.268 ng
 RT: 11.322 min Scan# 1485
 Delta R.T. 0.006 min
 Lab File: BF132759.D
 Acq: 13 Mar 2023 14:09

Tgt Ion:266 Resp: 453047
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 64.2 50.9 76.3





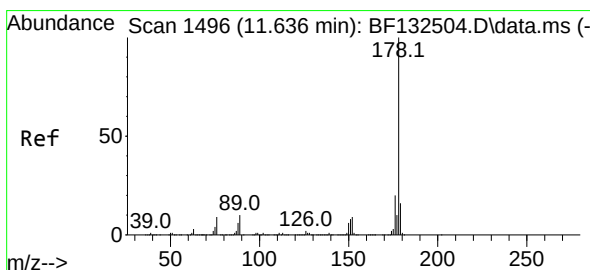
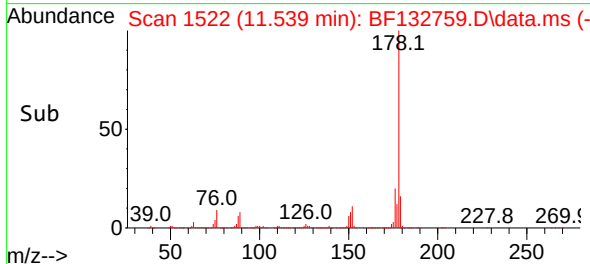
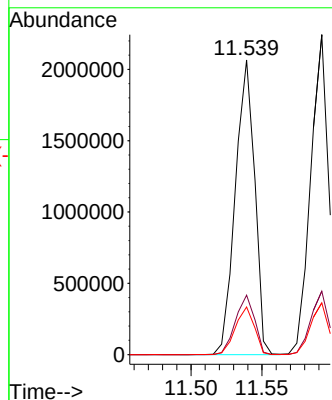
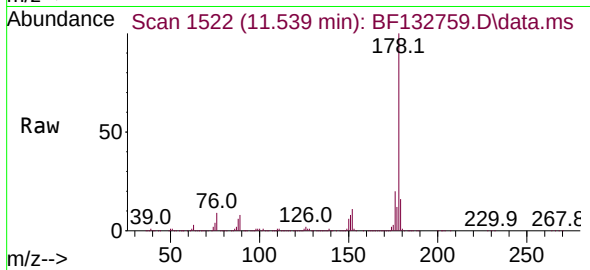
#71
Phenanthrene
Concen: 40.172 ng
RT: 11.539 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Tgt Ion:178 Resp: 1950283
Ion Ratio Lower Upper
178 100
176 20.2 16.5 24.7
179 16.2 13.0 19.6

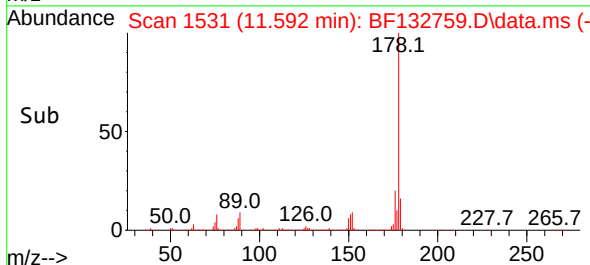
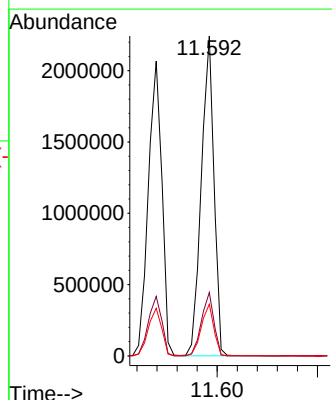
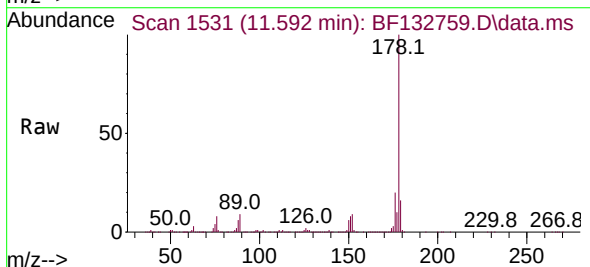
Manual Integrations
APPROVED

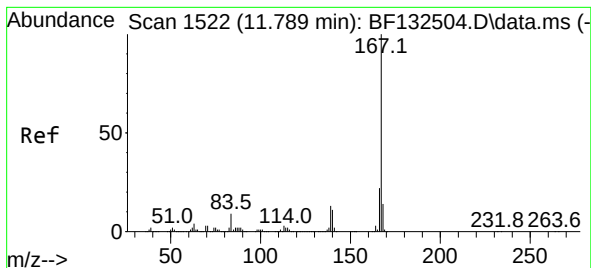
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#72
Anthracene
Concen: 39.268 ng
RT: 11.592 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:178 Resp: 1963103
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.2 12.5 18.7





#73

Carbazole

Concen: 39.195 ng

RT: 11.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB151349BS

Tgt Ion:167 Resp: 1766670

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

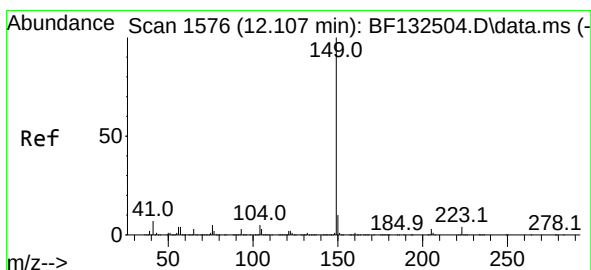
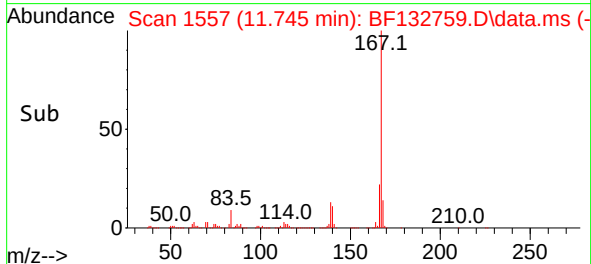
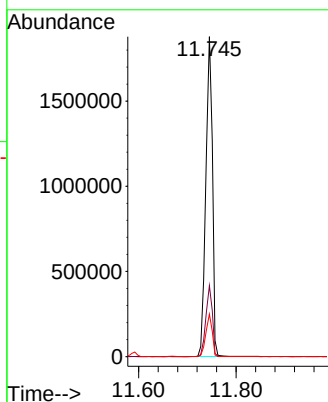
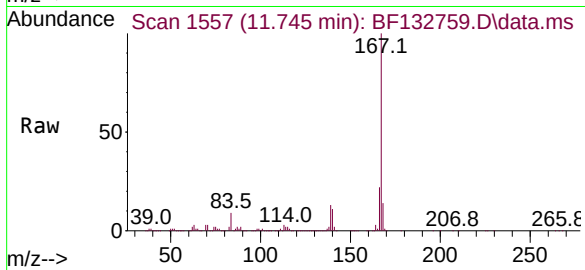
139 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#74

Di-n-butylphthalate

Concen: 42.221 ng

RT: 12.057 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

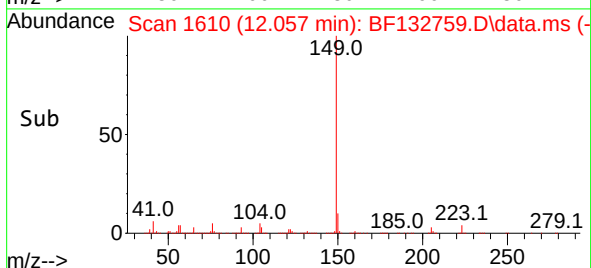
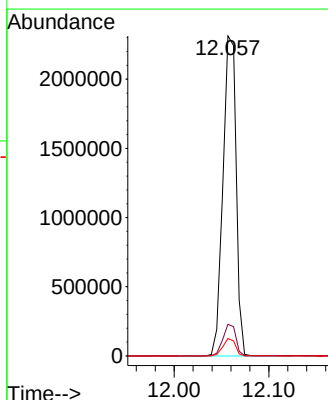
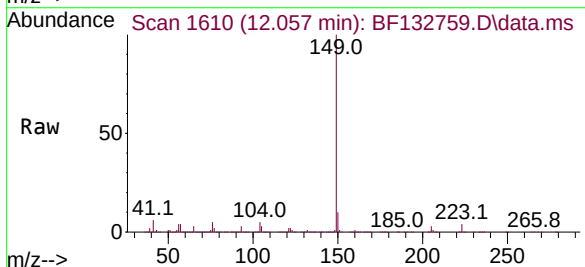
Tgt Ion:149 Resp: 2232347

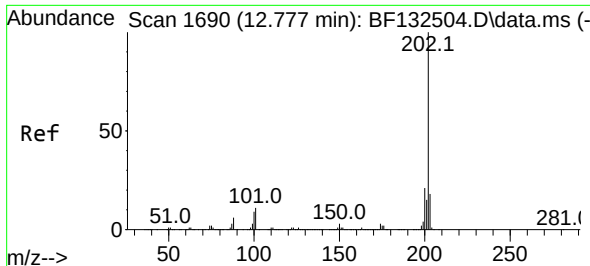
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

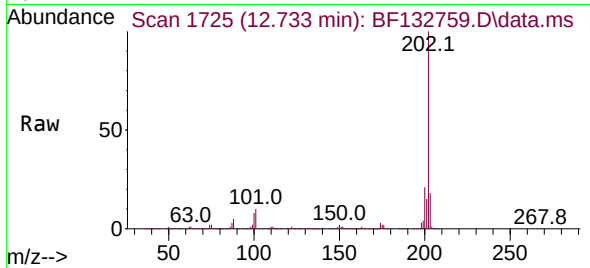
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 39.848 ng
RT: 12.733 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

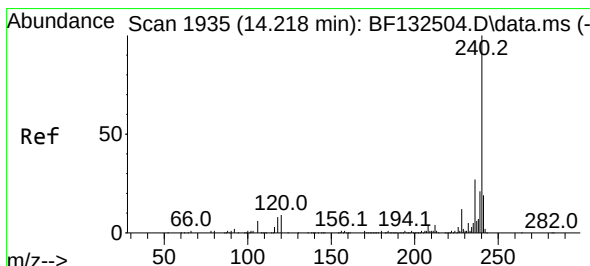
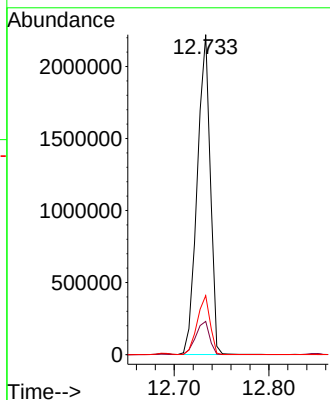
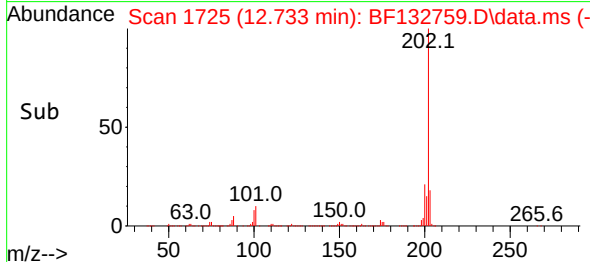
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:202 Resp: 2114852
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 18.4 0.0 38.0

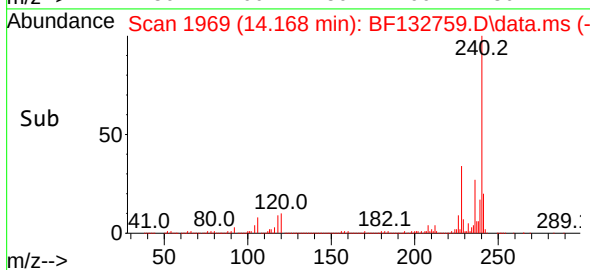
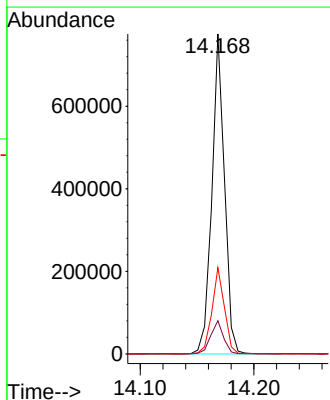
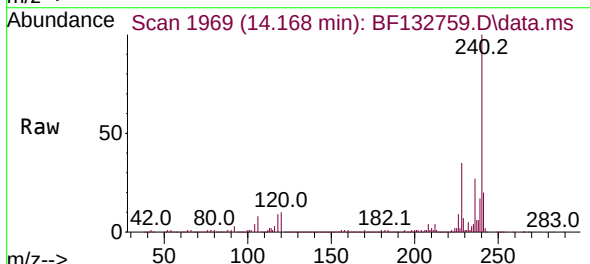
Manual Integrations
APPROVED

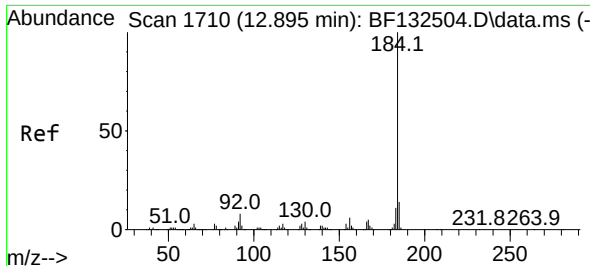
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

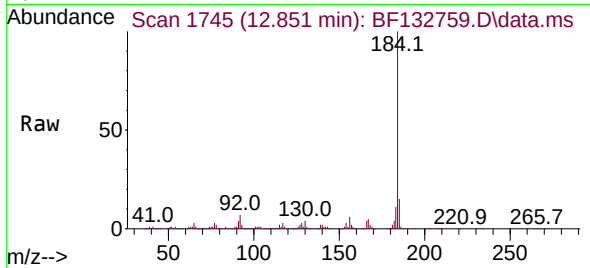
Tgt Ion:240 Resp: 598528
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 27.0 21.8 32.6





#77
Benzidine
Concen: 69.640 ng
RT: 12.851 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

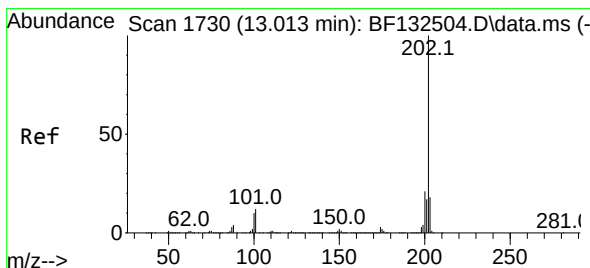
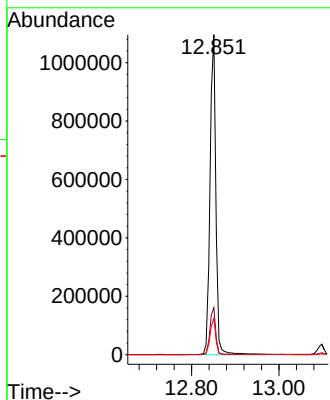
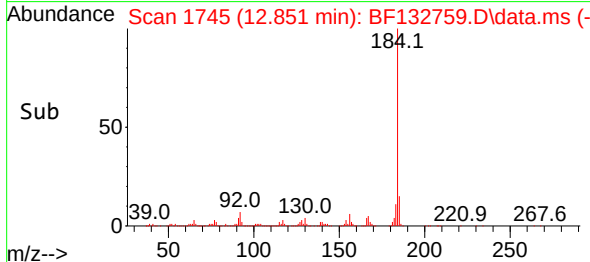
Instrument :
BNA_F
ClientSampleId :
PB151349BS



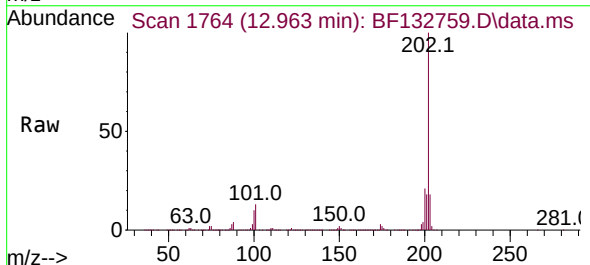
Tgt Ion:184 Resp: 1014652
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.3 8.7 13.1

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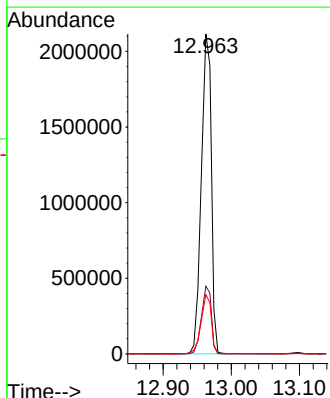
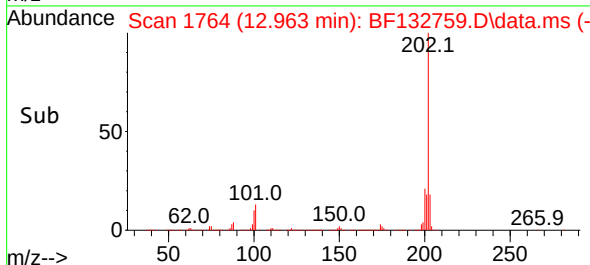
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

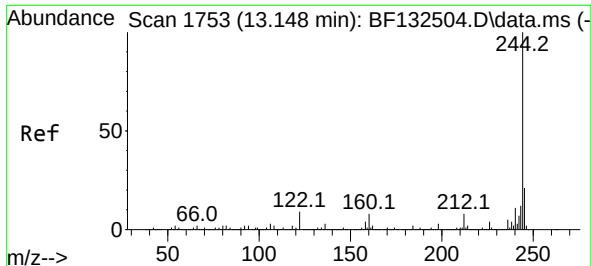


#78
Pyrene
Concen: 39.788 ng
RT: 12.963 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



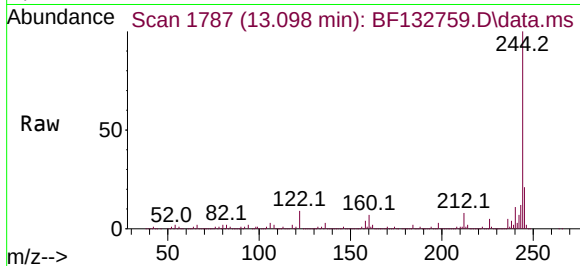
Tgt Ion:202 Resp: 2165141
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 65.767 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132759.D
 Acq: 13 Mar 2023 14:09

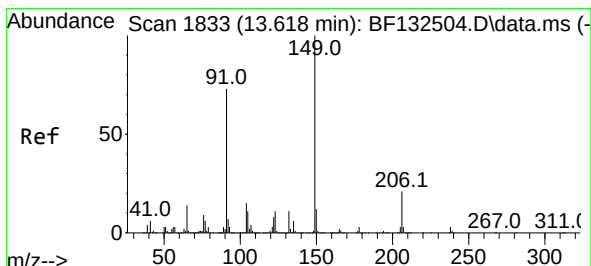
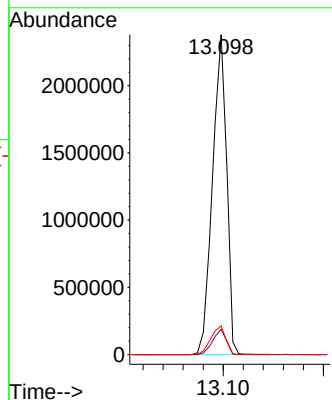
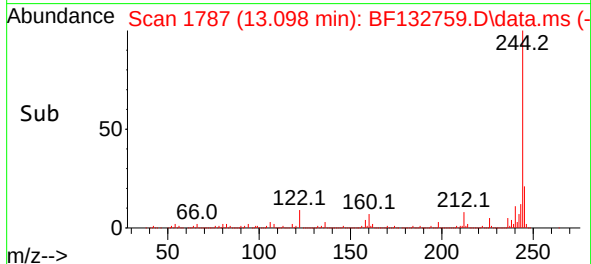
Instrument :
 BNA_F
 ClientSampleId :
 PB151349BS



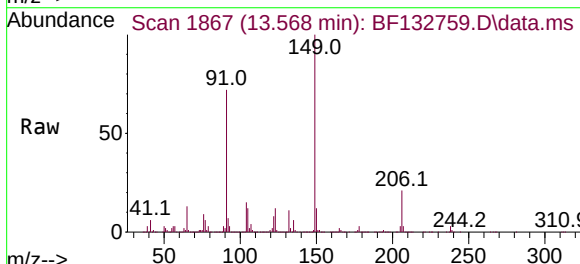
Tgt Ion:244 Resp: 232815
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.0 7.5 11.3

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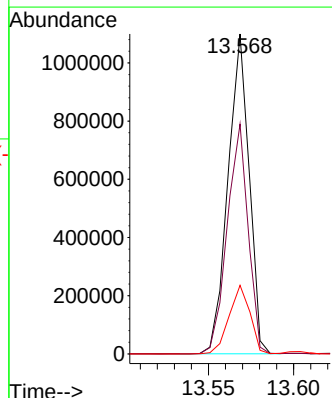
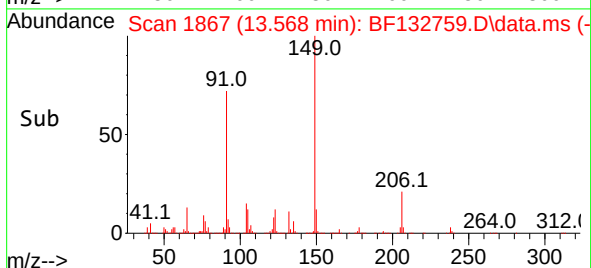
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023

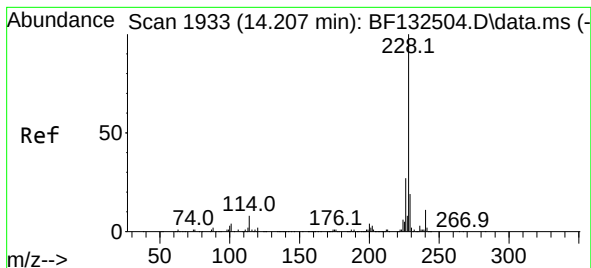


#80
 Butylbenzylphthalate
 Concen: 44.040 ng
 RT: 13.568 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: BF132759.D
 Acq: 13 Mar 2023 14:09



Tgt Ion:149 Resp: 945717
 Ion Ratio Lower Upper
 149 100
 91 71.8 58.4 87.6
 206 21.4 16.8 25.2





#81

Benzo(a)anthracene

Concen: 41.124 ng

RT: 14.157 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB151349BS

Tgt Ion:228 Resp: 1841664

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

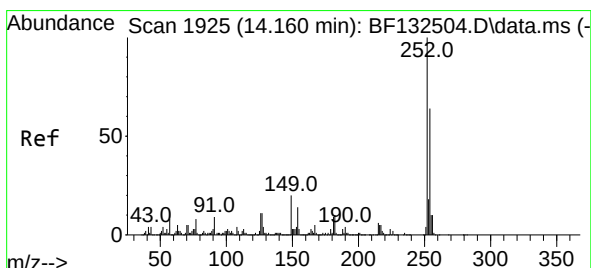
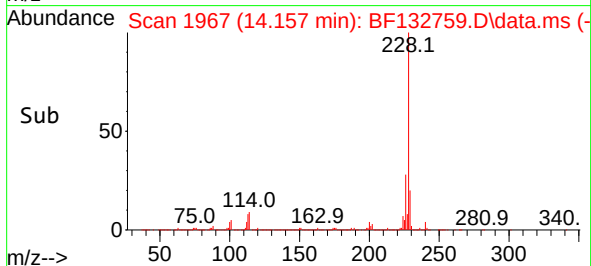
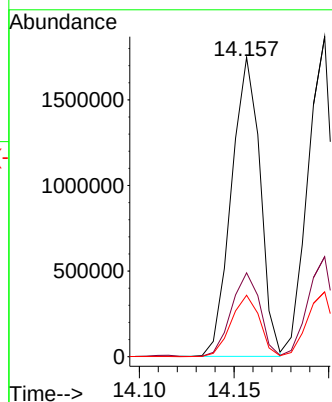
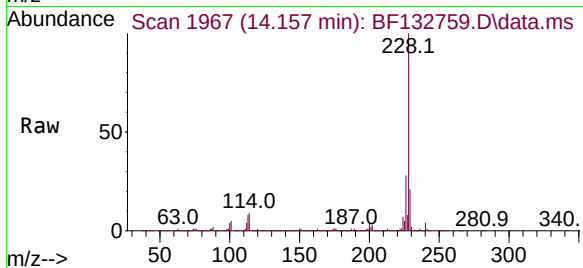
229 20.5 15.4 23.2

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#82

3,3'-Dichlorobenzidine

Concen: 27.637 ng

RT: 14.110 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

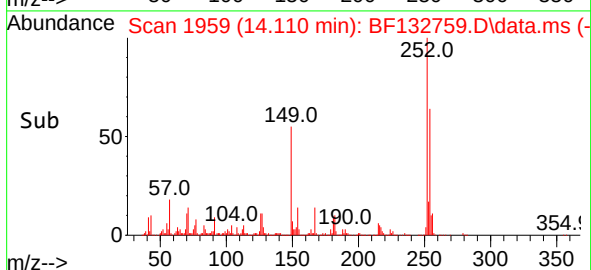
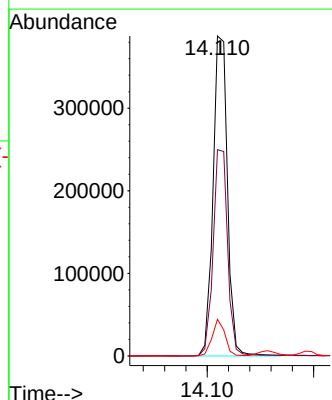
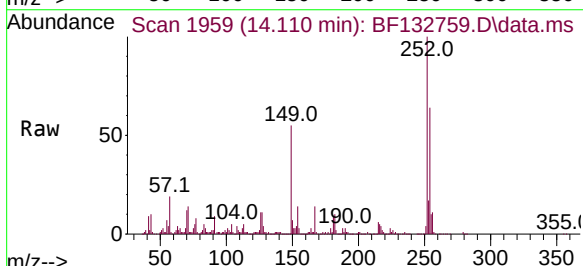
Tgt Ion:252 Resp: 364893

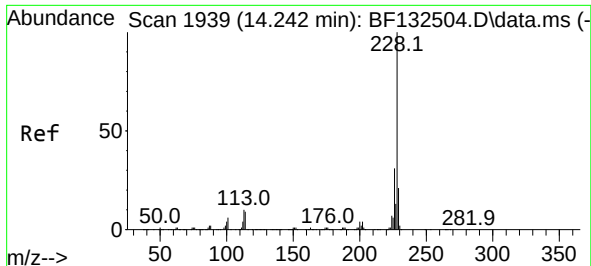
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

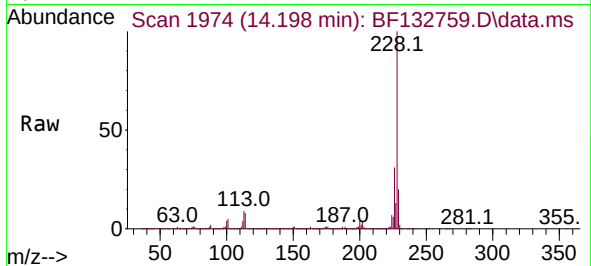
126 11.4 8.9 13.3





#83
Chrysene
Concen: 40.669 ng
RT: 14.198 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

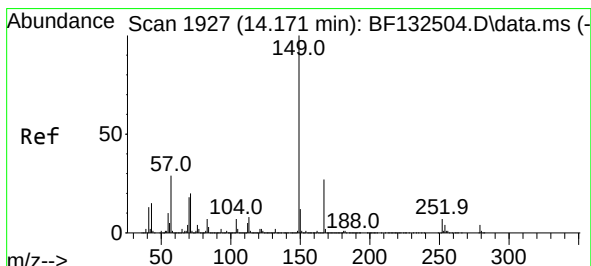
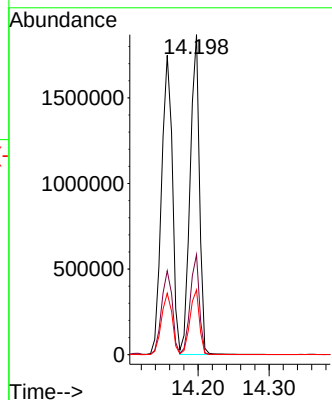
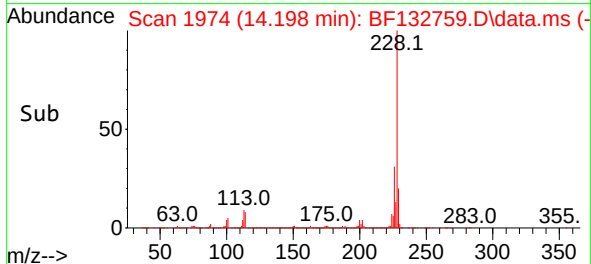
Instrument :
BNA_F
ClientSampleId :
PB151349BS



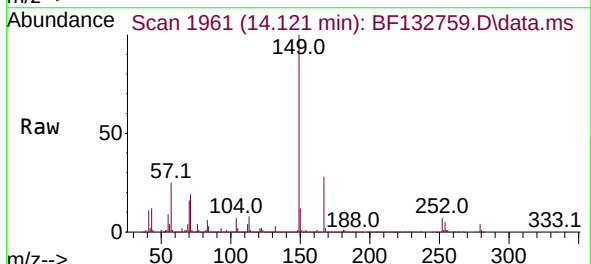
Tgt Ion:228 Resp: 1703146
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.2 16.4 24.6

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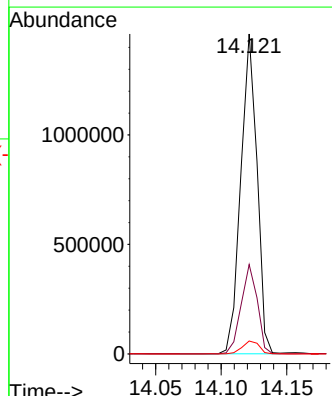
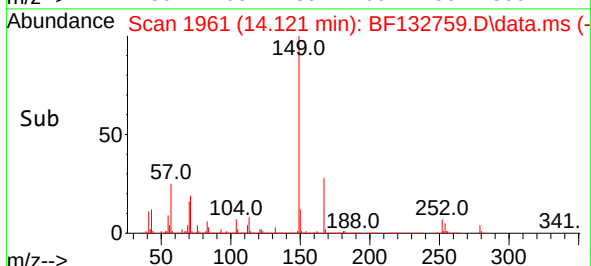
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

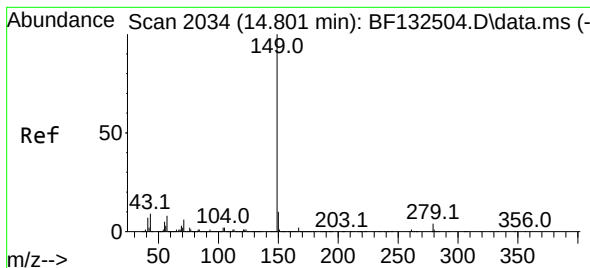


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.484 ng
RT: 14.121 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09



Tgt Ion:149 Resp: 1252602
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.6
279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 53.918 ng

RT: 14.745 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

ClientSampleId :

PB151349BS

Tgt Ion:149 Resp: 2078476

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

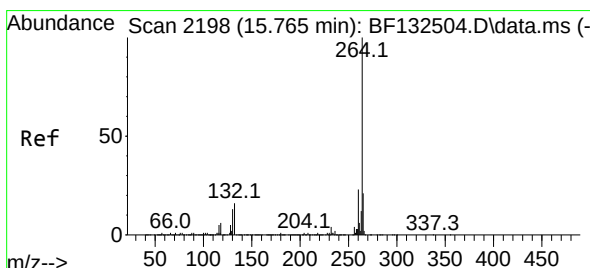
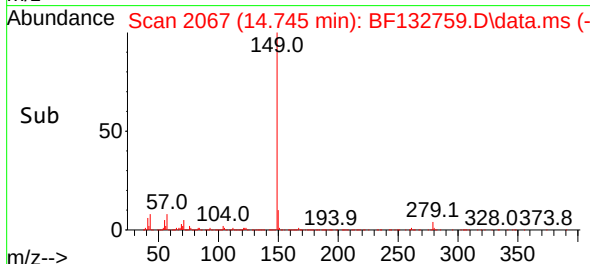
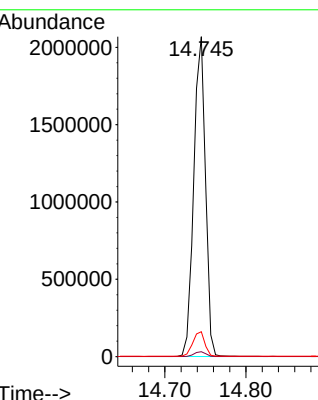
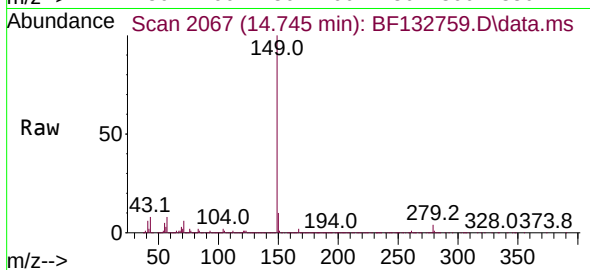
43 7.9 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2229

Delta R.T. 0.000 min

Lab File: BF132759.D

Acq: 13 Mar 2023 14:09

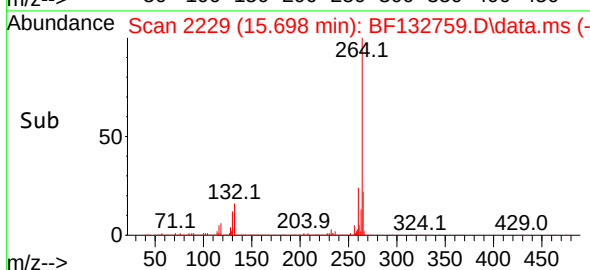
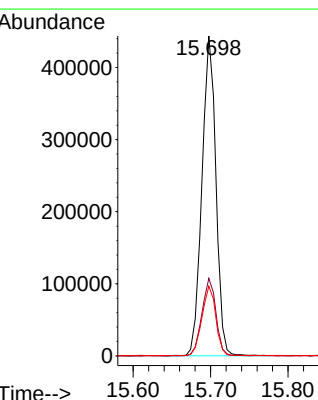
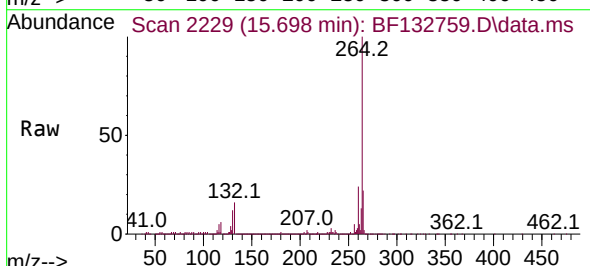
Tgt Ion:264 Resp: 554794

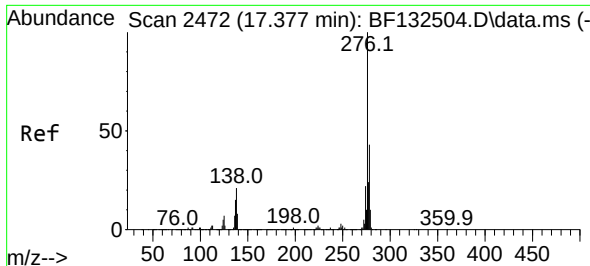
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

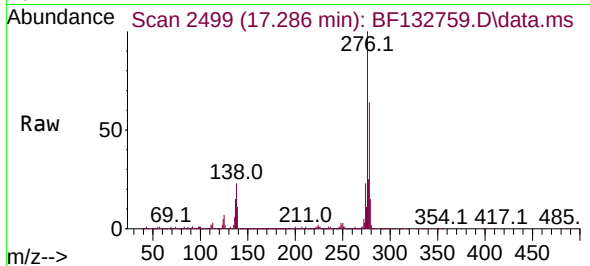
265 21.8 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.390 ng
RT: 17.286 min Scan# 2472
Delta R.T. -0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

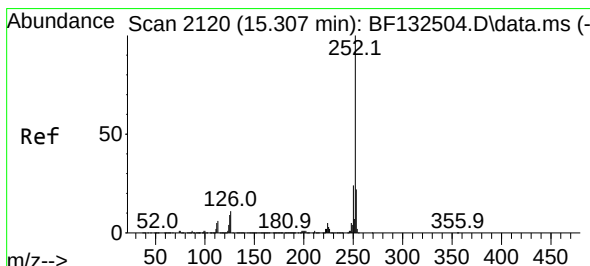
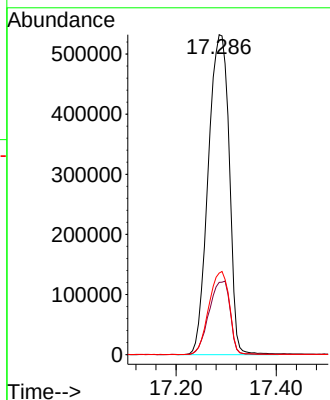
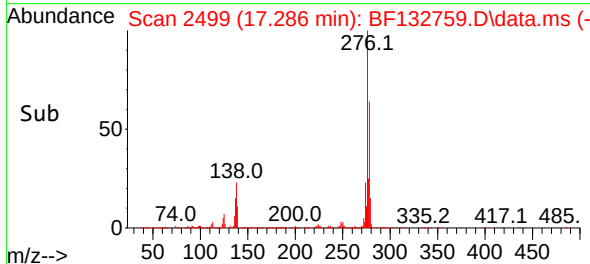
Instrument :
BNA_F
ClientSampleId :
PB151349BS



Tgt Ion:276 Resp: 1540999
Ion Ratio Lower Upper
276 100
138 23.0 19.0 28.4
277 25.3 20.0 30.0

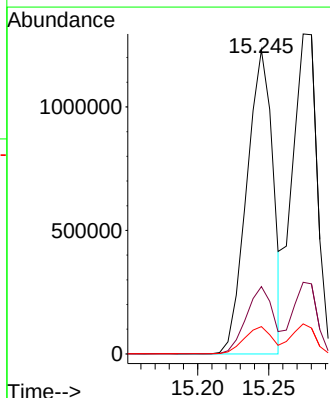
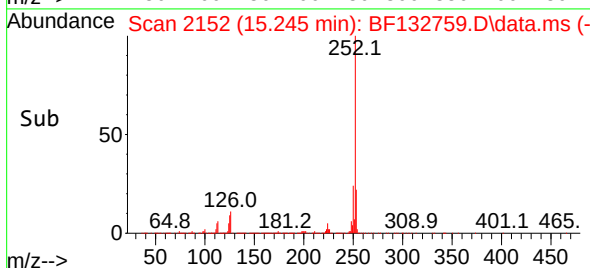
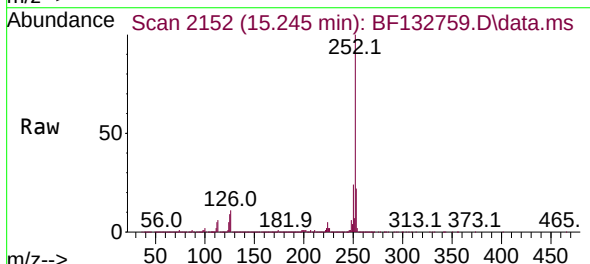
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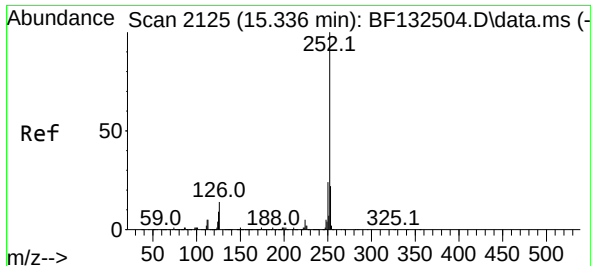
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#88
Benzo(b)fluoranthene
Concen: 42.736 ng
RT: 15.245 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:252 Resp: 1588911
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.0 7.0 10.6





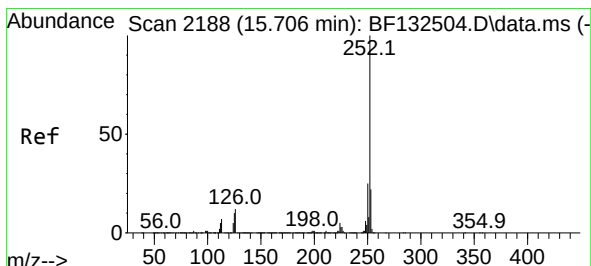
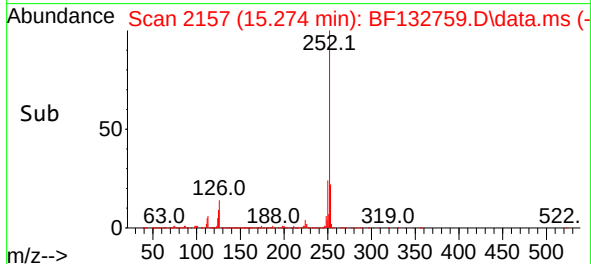
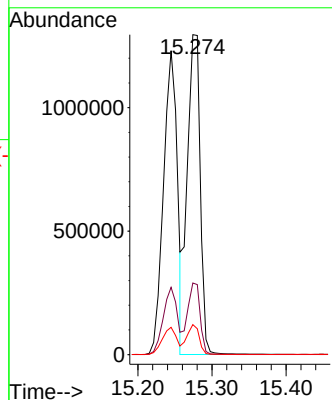
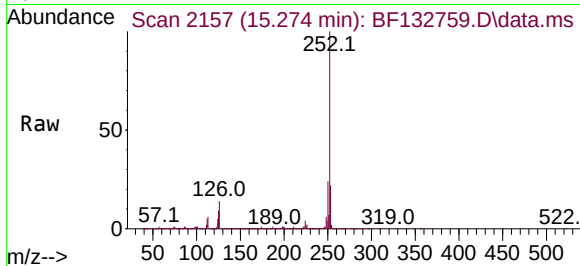
#89
Benzo(k)fluoranthene
Concen: 43.337 ng
RT: 15.274 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :
BNA_F
ClientSampleId :
PB151349BS

Tgt Ion:252 Resp: 1576913
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.4 7.2 10.8

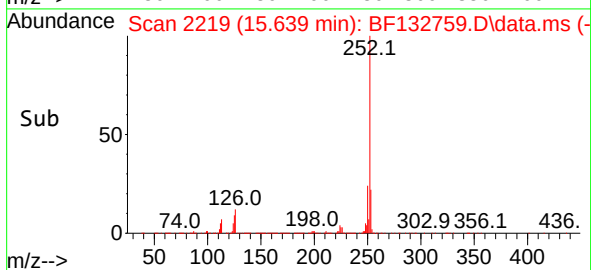
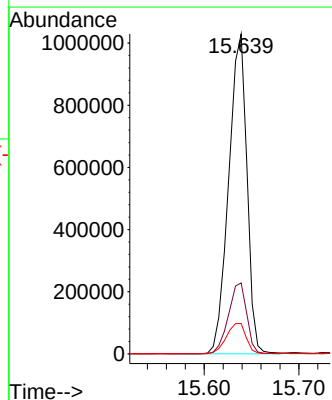
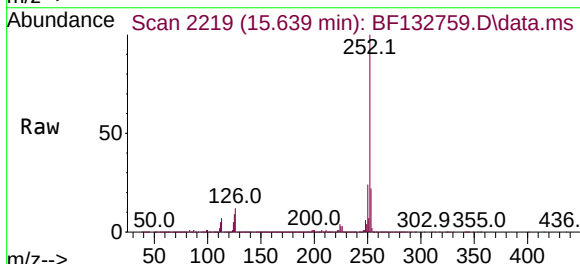
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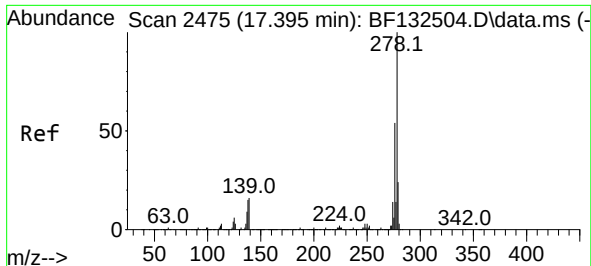
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#90
Benzo(a)pyrene
Concen: 39.653 ng
RT: 15.639 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:252 Resp: 1379817
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.5 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 42.797 ng
RT: 17.304 min Scan# 2502
Delta R.T. 0.006 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Instrument :

BNA_F

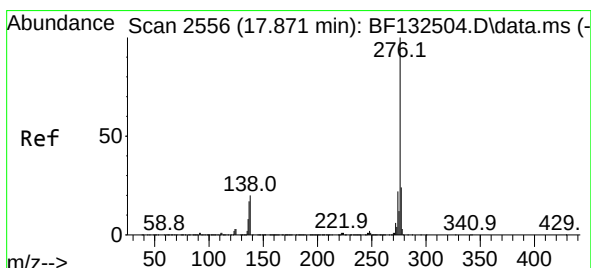
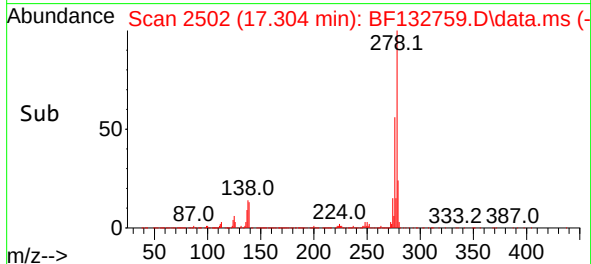
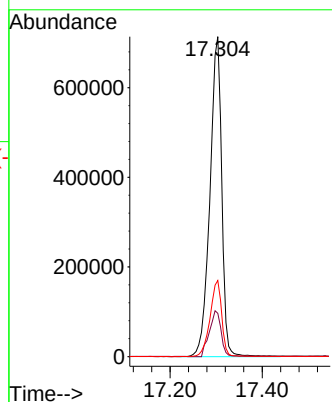
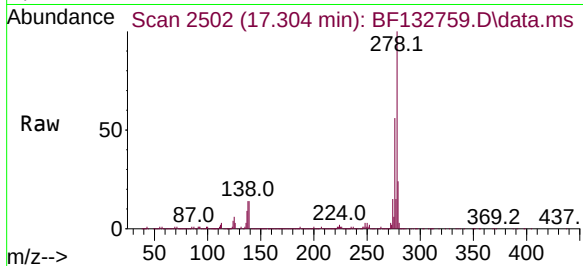
ClientSampleId :

PB151349BS

Tgt Ion:278 Resp: 126761
Ion Ratio Lower Upper
278 100
139 13.5 13.0 19.4
279 23.8 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#92
Benzo(g,h,i)perylene
Concen: 38.393 ng
RT: 17.768 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BF132759.D
Acq: 13 Mar 2023 14:09

Tgt Ion:276 Resp: 1273924
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 20.0 16.2 24.4

