

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132745.D
 Acq On : 10 Mar 2023 17:07
 Operator : CG\JU
 Sample : 01853-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2MSD

Quant Time: Mar 10 17:52:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	225087	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	824963	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	460493	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	825874	20.000	ng	0.00
76) Chrysene-d12	14.186	240	386377	20.000	ng	0.00
86) Perylene-d12	15.727	264	458511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1358674	97.966	ng	0.01
7) Phenol-d6	6.616	99	1848105	102.105	ng	0.00
23) Nitrobenzene-d5	7.551	82	1249128	71.838	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	492574	99.047	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1985888	65.665	ng	0.00
79) Terphenyl-d14	13.116	244	1892760	82.825	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	311296	40.578	ng	95
3) Pyridine	3.669	79	800189	39.295	ng	96
4) n-Nitrosodimethylamine	3.640	42	317010	41.213	ng	87
6) Aniline	6.645	93	808239	33.181	ng	96
8) 2-Chlorophenol	6.769	128	703029	48.842	ng	96
9) Benzaldehyde	6.534	77	334185	34.217	ng	97
10) Phenol	6.628	94	888611	42.822	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	723719	45.177	ng	97
12) 1,3-Dichlorobenzene	6.922	146	727131	47.074	ng	98
13) 1,4-Dichlorobenzene	6.998	146	722716	46.857	ng	99
14) 1,2-Dichlorobenzene	7.151	146	694045	46.887	ng	98
15) Benzyl Alcohol	7.122	79	647303	46.436	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	869481	42.563	ng	93
17) 2-Methylphenol	7.234	107	584732	43.527	ng	98
18) Hexachloroethane	7.492	117	282788	46.930	ng	96
19) n-Nitroso-di-n-propyla...	7.398	70	453458	40.707	ng	91
20) 3+4-Methylphenols	7.386	107	632458	36.441	ng	94
22) Acetophenone	7.392	105	865233	41.594	ng	# 91
24) Nitrobenzene	7.569	77	775877	41.722	ng	98
25) Isophorone	7.804	82	1441059	43.227	ng	100
26) 2-Nitrophenol	7.881	139	373400	45.509	ng	99
27) 2,4-Dimethylphenol	7.916	122	587720	45.384	ng	100
28) bis(2-Chloroethoxy)met...	8.010	93	865550	44.384	ng	99
29) 2,4-Dichlorophenol	8.128	162	575419	44.669	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	644929	46.106	ng	99
31) Naphthalene	8.292	128	1796041	42.527	ng	100
32) Benzoic acid	8.045	122	369043m	37.110	ng	
33) 4-Chloroaniline	8.333	127	226941	12.540	ng	94
34) Hexachlorobutadiene	8.398	225	413422	46.512	ng	99
35) Caprolactam	8.728	113	195871m	46.122	ng	
36) 4-Chloro-3-methylphenol	8.828	107	630895	44.596	ng	94
37) 2-Methylnaphthalene	8.980	142	1209833	42.035	ng	99
38) 1-Methylnaphthalene	9.080	142	1137164	42.278	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	665931	44.200	ng	99
41) Hexachlorocyclopentadiene	9.133	237	658222	80.548	ng	97
43) 2,4,6-Trichlorophenol	9.263	196	441420	43.233	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	457437	38.386	ng	99
46) 1,1'-Biphenyl	9.445	154	1499305	43.017	ng	99
47) 2-Chloronaphthalene	9.475	162	1229099	44.478	ng	99
48) 2-Nitroaniline	9.575	65	400433	39.345	ng	88
49) Acenaphthylene	9.892	152	1839908	41.835	ng	99
50) Dimethylphthalate	9.745	163	1486480	44.333	ng	99
51) 2,6-Dinitrotoluene	9.816	165	336755	44.101	ng	# 88
52) Acenaphthene	10.063	154	1278102m	45.766	ng	
53) 3-Nitroaniline	9.980	138	203446	23.818	ng	98
54) 2,4-Dinitrophenol	10.098	184	317832	66.372	ng	# 90
55) Dibenzofuran	10.239	168	1699282	41.738	ng	99
56) 4-Nitrophenol	10.157	139	443884	69.681	ng	92
57) 2,4-Dinitrotoluene	10.222	165	432177	42.542	ng	99
58) Fluorene	10.580	166	1316680	42.281	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	390188	44.078	ng	97
60) Diethylphthalate	10.445	149	1427019	43.577	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	697138	43.153	ng	97
62) 4-Nitroaniline	10.610	138	326947	38.993	ng	93
63) Azobenzene	10.727	77	1607450	46.350	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	238897	42.731	ng	98
66) n-Nitrosodiphenylamine	10.692	169	1159146	45.020	ng	100
67) 4-Bromophenyl-phenylether	11.063	248	440299	47.132	ng	98
68) Hexachlorobenzene	11.133	284	486411	49.483	ng	98
69) Atrazine	11.216	200	399295	49.676	ng	99
70) Pentachlorophenol	11.327	266	417304	71.353	ng	99
71) Phenanthrene	11.551	178	1814343	42.407	ng	100
72) Anthracene	11.604	178	1851578	42.026	ng	99
73) Carbazole	11.757	167	1539514	38.756	ng	100
74) Di-n-butylphthalate	12.074	149	2036879	43.714	ng	100
75) Fluoranthene	12.745	202	1719864	36.771	ng	99
77) Benzidine	12.863	184	549840	58.459	ng	99
78) Pyrene	12.980	202	1690942	48.136	ng	99
80) Butylbenzylphthalate	13.586	149	663274	47.847	ng	97
81) Benzo(a)anthracene	14.174	228	1285737	44.474	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	219864	25.796	ng	98
83) Chrysene	14.210	228	1198083	44.318	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	867538	50.944	ng	100
85) Di-n-octyl phthalate	14.762	149	1460038	58.672	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1567003	52.157	ng	99
88) Benzo(b)fluoranthene	15.268	252	1292336	42.058	ng	98
89) Benzo(k)fluoranthene	15.298	252	1253287	41.676	ng	98
90) Benzo(a)pyrene	15.662	252	1192662	41.472	ng	100
91) Dibenzo(a,h)anthracene	17.339	278	1284195	52.462	ng	97
92) Benzo(g,h,i)perylene	17.809	276	1267930	45.907	ng	99

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

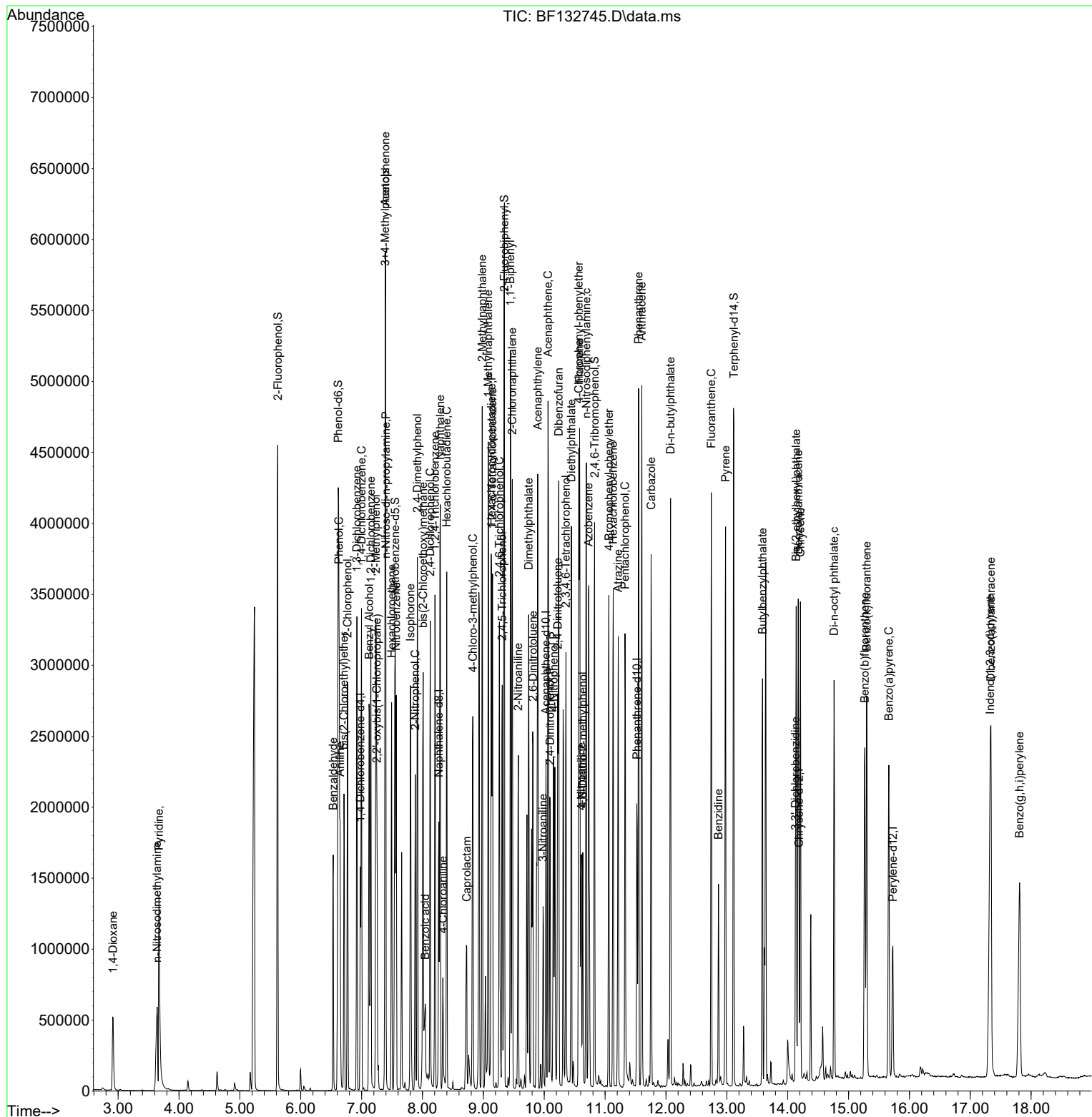
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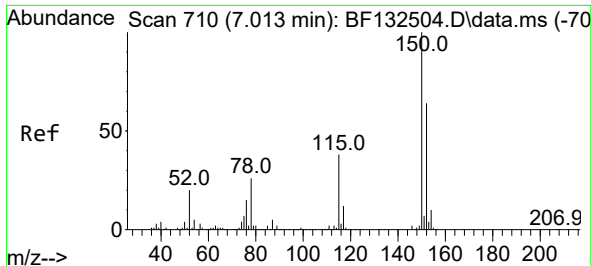
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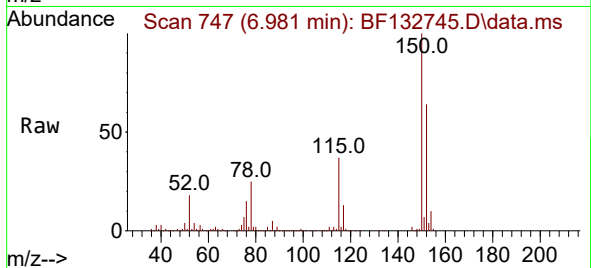
Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

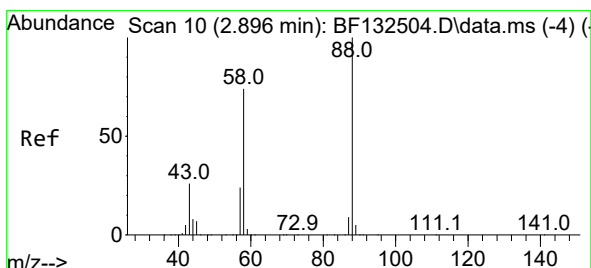
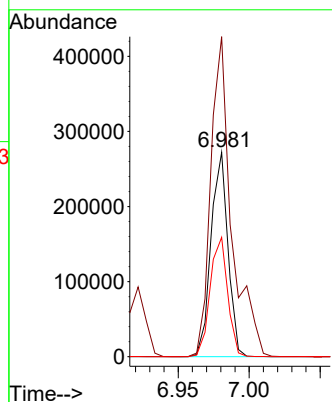
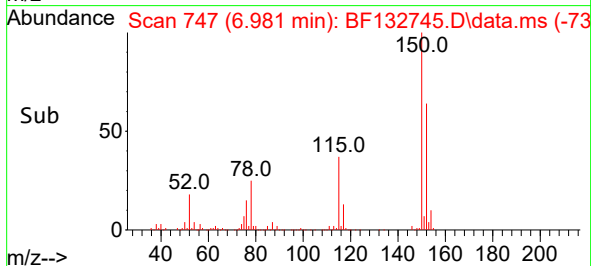
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:152 Resp: 22508
Ion Ratio Lower Upper
152 100
150 156.6 125.4 188.2
115 58.4 47.8 71.6

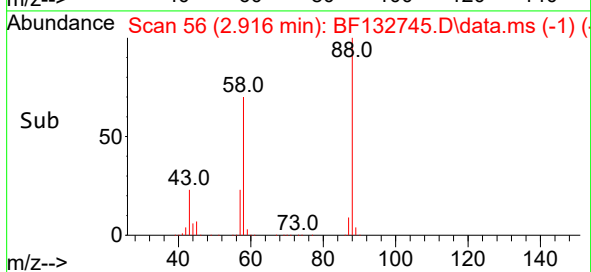
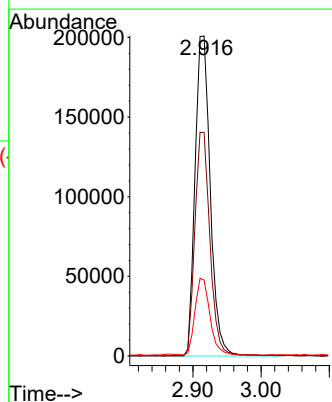
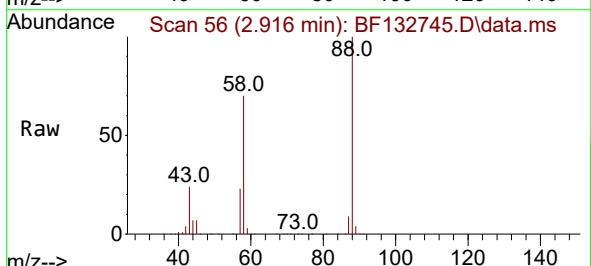
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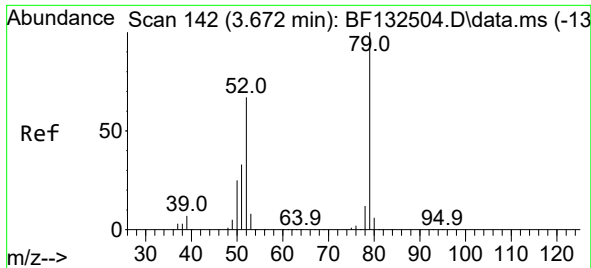
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#2
1,4-Dioxane
Concen: 40.578 ng
RT: 2.916 min Scan# 56
Delta R.T. 0.077 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

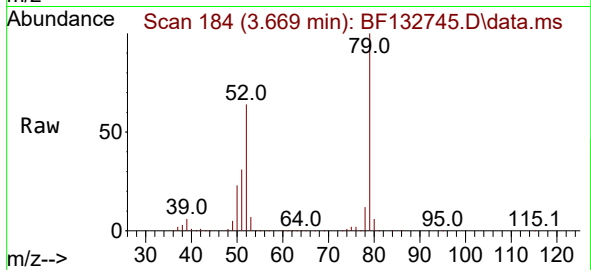
Tgt Ion: 88 Resp: 311296
Ion Ratio Lower Upper
88 100
58 68.9 58.3 87.5
43 23.4 20.7 31.1





#3
Pyridine
Concen: 39.295 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

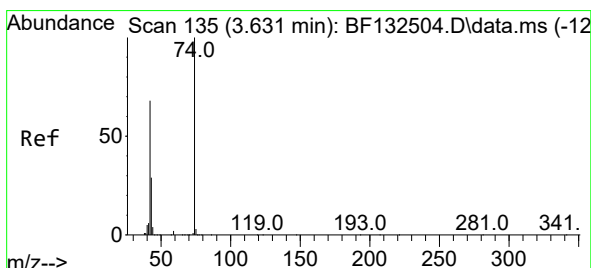
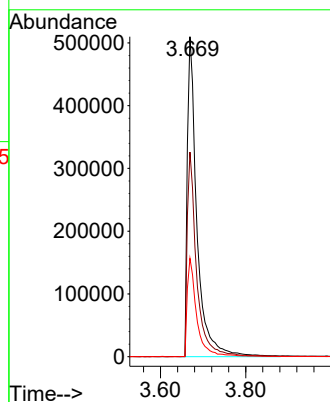
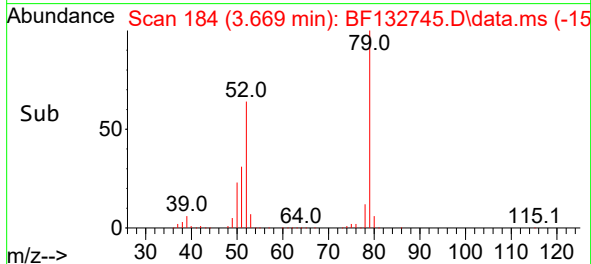
Instrument :
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ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion: 79 Resp: 800189
Ion Ratio Lower Upper
79 100
52 63.9 53.7 80.5
51 30.7 26.6 40.0

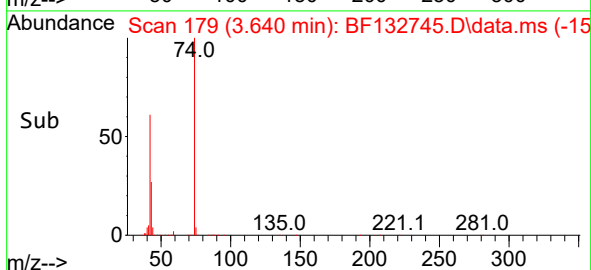
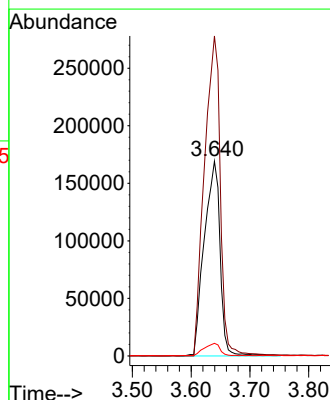
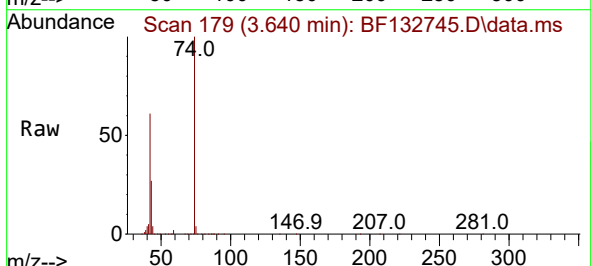
Manual Integrations
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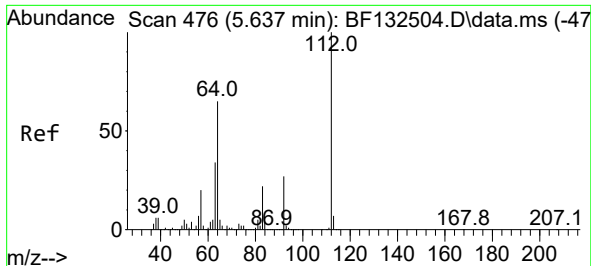
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#4
n-Nitrosodimethylamine
Concen: 41.213 ng
RT: 3.640 min Scan# 179
Delta R.T. 0.053 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

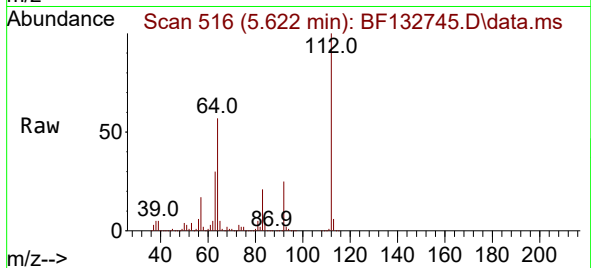
Tgt Ion: 42 Resp: 317010
Ion Ratio Lower Upper
42 100
74 164.4 118.2 177.2
44 6.5 5.3 7.9





#5
2-Fluorophenol
Concen: 97.966 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

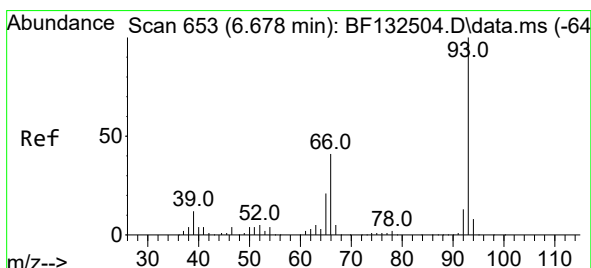
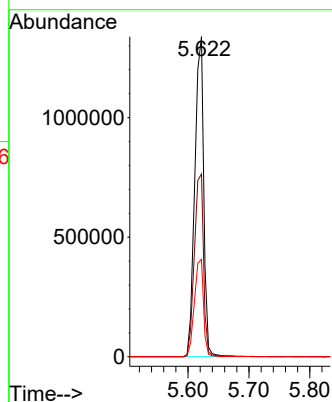
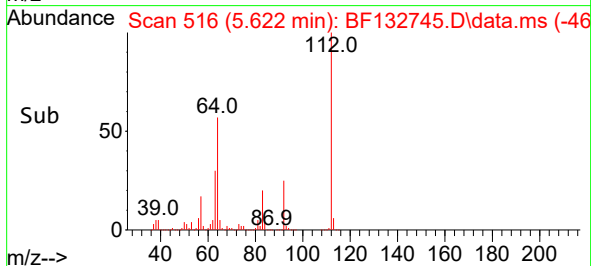
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Tgt Ion:112 Resp: 1358674
Ion Ratio Lower Upper
112 100
64 57.1 51.6 77.4
63 30.5 27.4 41.2

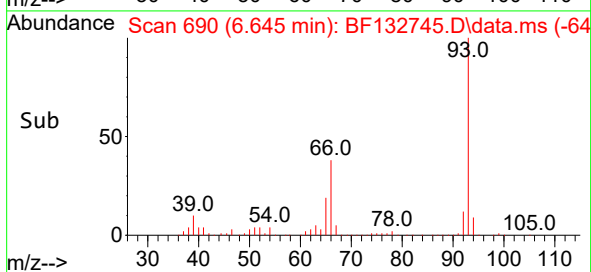
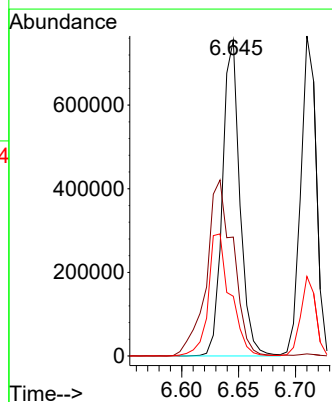
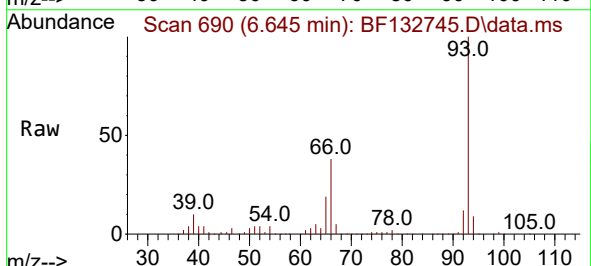
Manual Integrations
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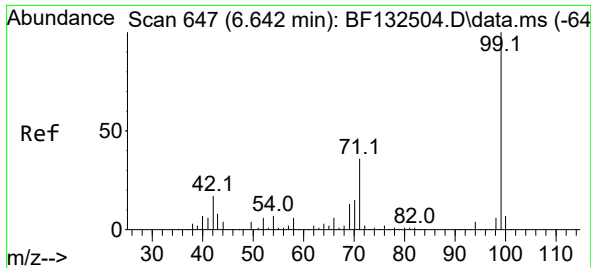
Reviewed By :Christian Giraldo 03/13/2023
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#6
Aniline
Concen: 33.181 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

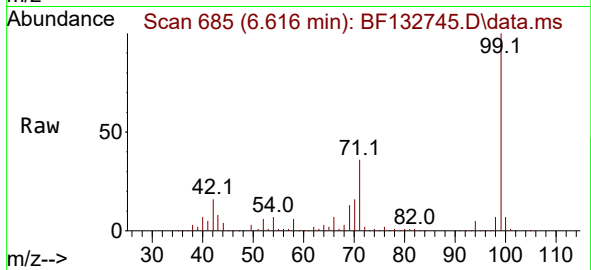
Tgt Ion: 93 Resp: 808239
Ion Ratio Lower Upper
93 100
66 37.6 32.5 48.7
65 18.9 16.6 24.8





#7
Phenol-d6
Concen: 102.105 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

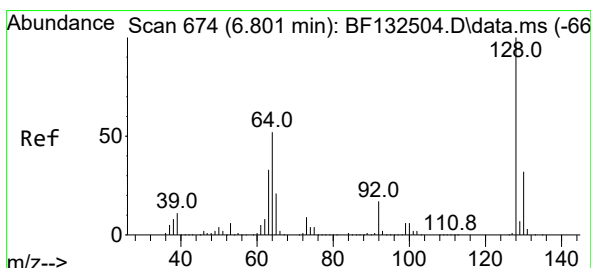
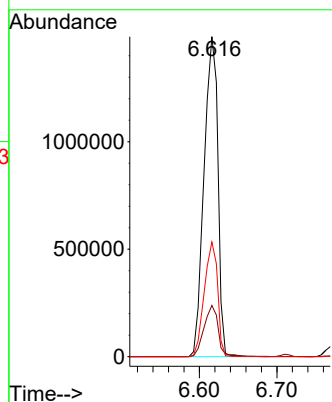
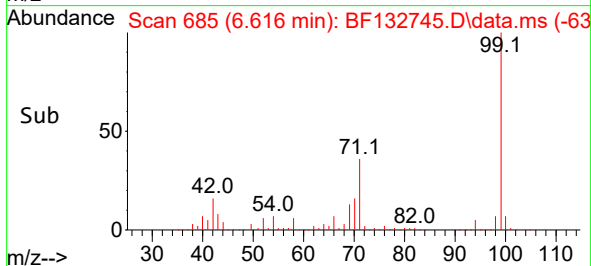
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Tgt Ion: 99 Resp: 184810
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 35.9 28.5 42.7

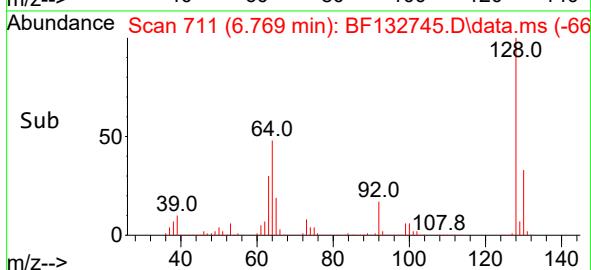
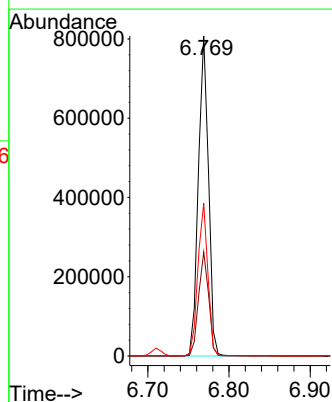
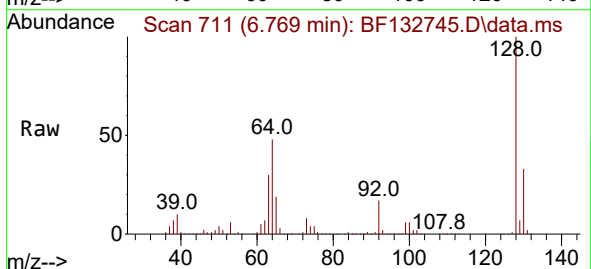
Manual Integrations
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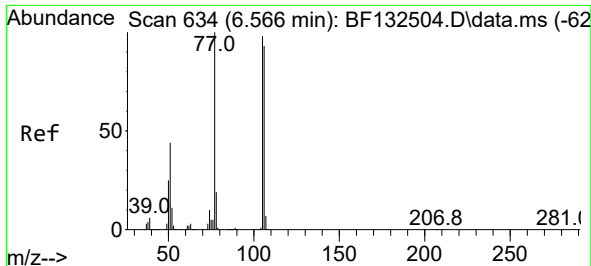
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#8
2-Chlorophenol
Concen: 48.842 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

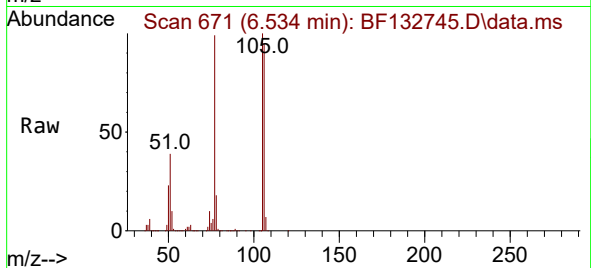
Tgt Ion:128 Resp: 703029
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 47.7 32.0 72.0





#9
Benzaldehyde
Concen: 34.217 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

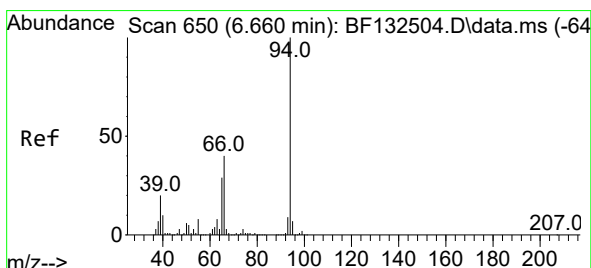
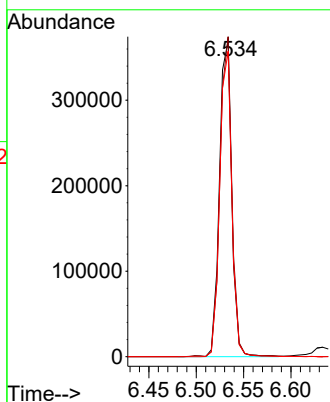
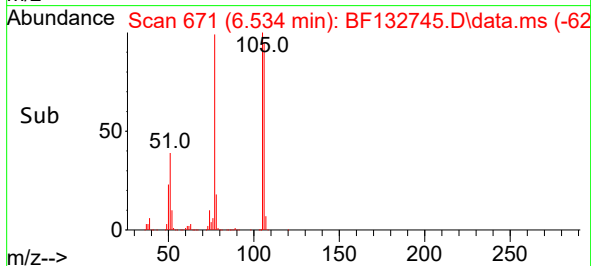
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Tgt Ion: 77 Resp: 33418
Ion Ratio Lower Upper
77 100
105 101.3 77.9 117.9
106 96.7 73.4 113.4

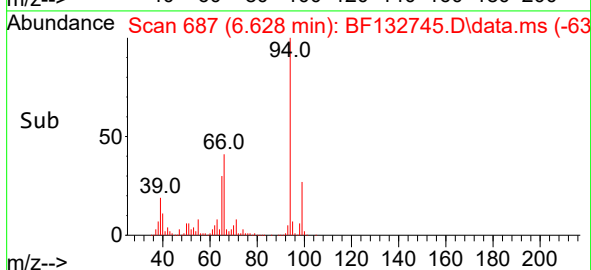
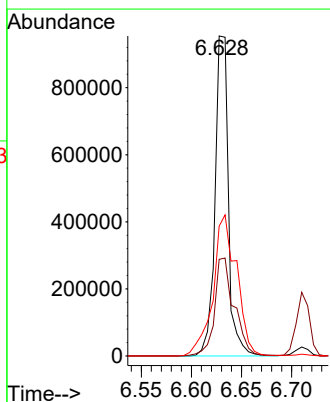
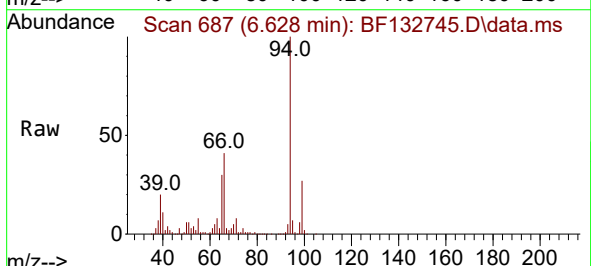
Manual Integrations
APPROVED

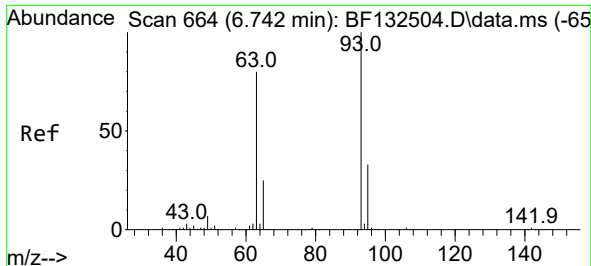
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Phenol
Concen: 42.822 ng
RT: 6.628 min Scan# 687
Delta R.T. -0.012 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Tgt Ion: 94 Resp: 888611
Ion Ratio Lower Upper
94 100
65 30.2 9.4 49.4
66 40.6 19.8 59.8





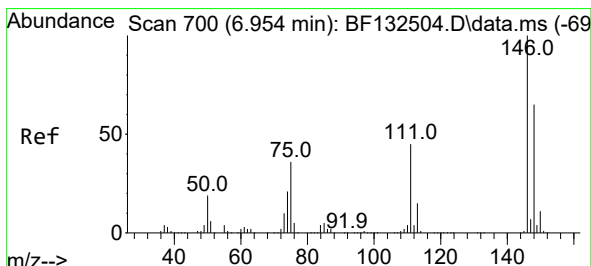
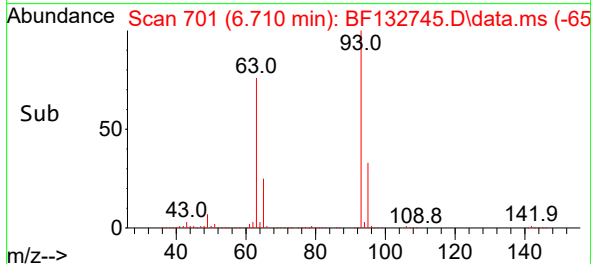
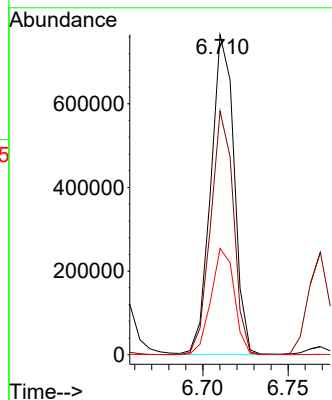
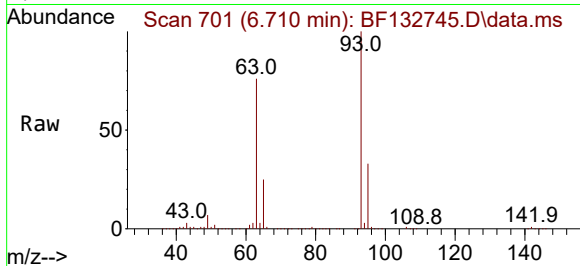
#11
bis(2-Chloroethyl)ether
Concen: 45.177 ng
RT: 6.710 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD

Tgt Ion: 93 Resp: 723719
Ion Ratio Lower Upper
93 100
63 76.1 59.6 99.6
95 33.2 12.8 52.8

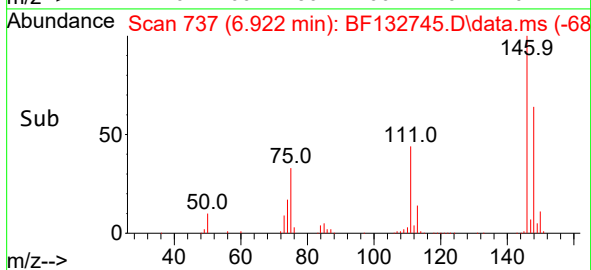
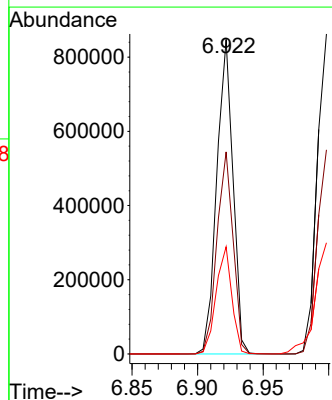
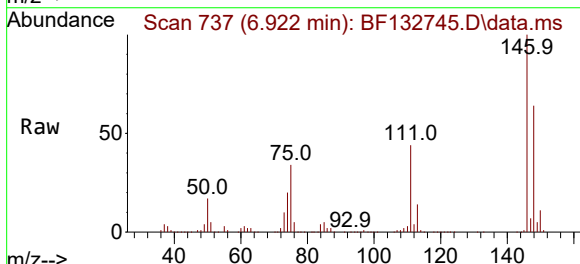
Manual Integrations
APPROVED

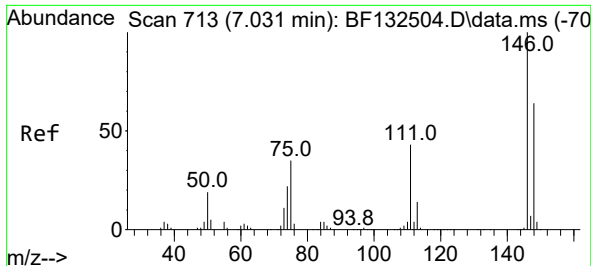
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#12
1,3-Dichlorobenzene
Concen: 47.074 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Tgt Ion:146 Resp: 727131
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 34.1 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 46.857 ng

RT: 6.998 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MSD

Tgt Ion:146 Resp: 722710

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

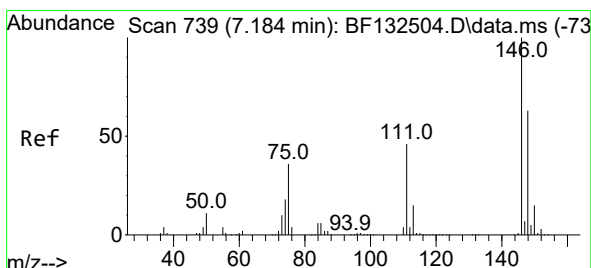
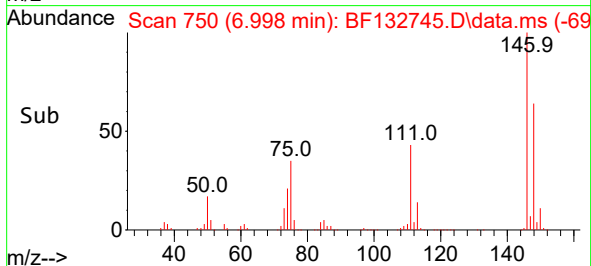
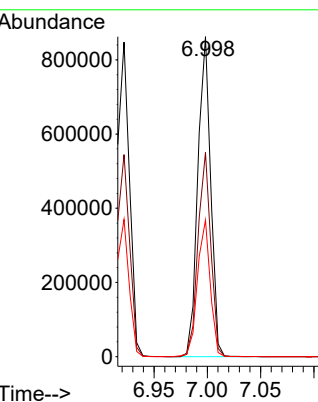
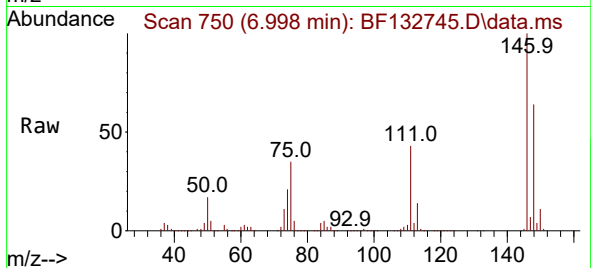
111 42.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#14

1,2-Dichlorobenzene

Concen: 46.887 ng

RT: 7.151 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

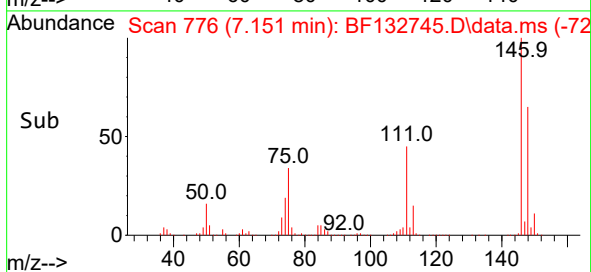
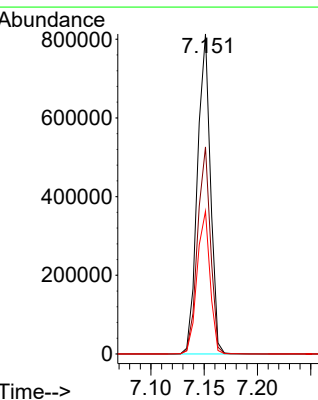
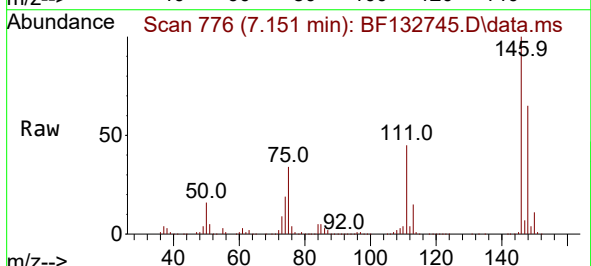
Tgt Ion:146 Resp: 694045

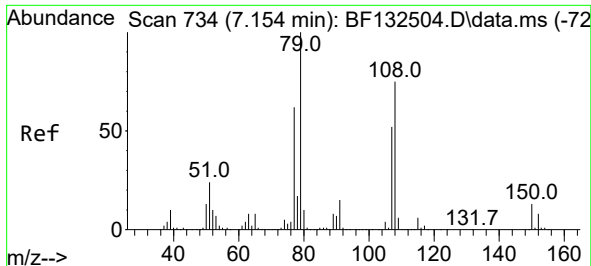
Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

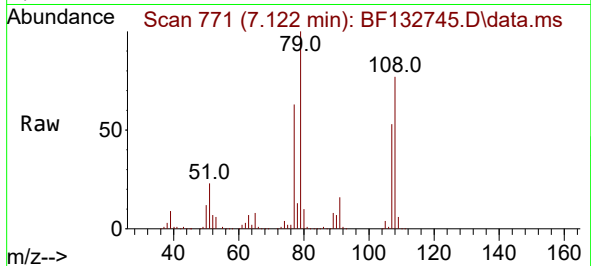
111 44.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.436 ng
RT: 7.122 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

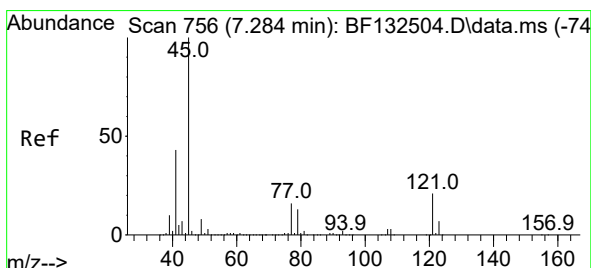
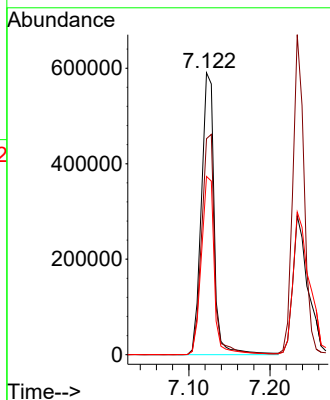
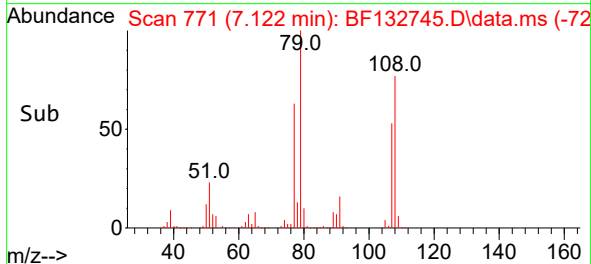
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion: 79 Resp: 64730
Ion Ratio Lower Upper
79 100
108 76.6 60.2 90.4
77 63.2 49.9 74.9

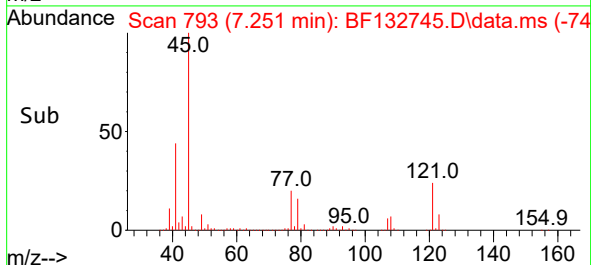
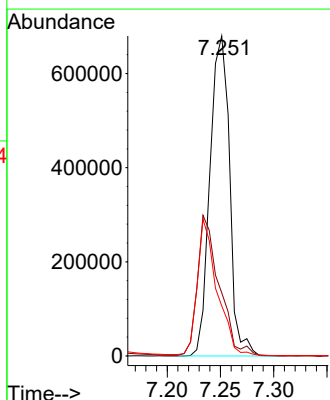
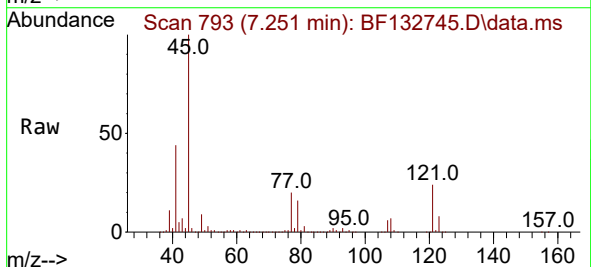
Manual Integrations
APPROVED

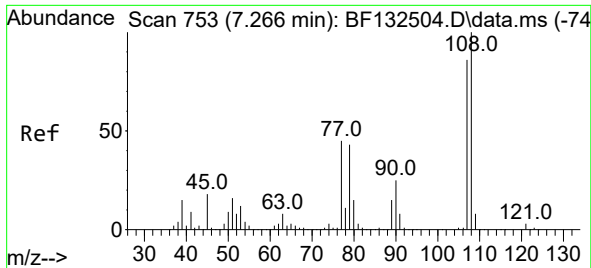
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.563 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

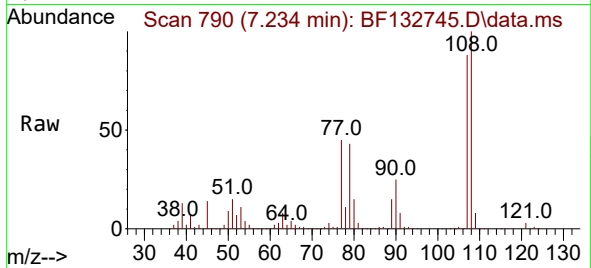
Tgt Ion: 45 Resp: 869481
Ion Ratio Lower Upper
45 100
77 19.8 0.0 36.4
79 15.7 0.0 33.4





#17
2-Methylphenol
Concen: 43.527 ng
RT: 7.234 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

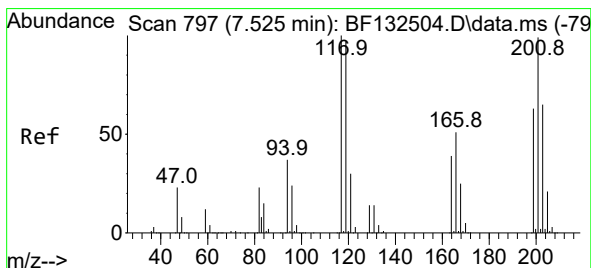
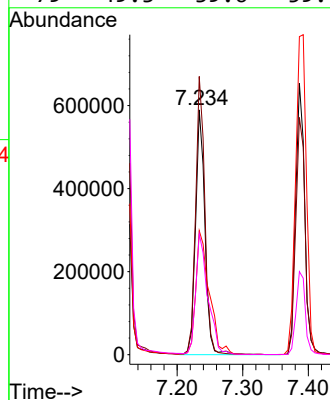
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:107 Resp: 58473
Ion Ratio Lower Upper
107 100
108 113.6 93.0 139.4
77 50.7 42.1 63.1
79 49.3 39.6 59.4

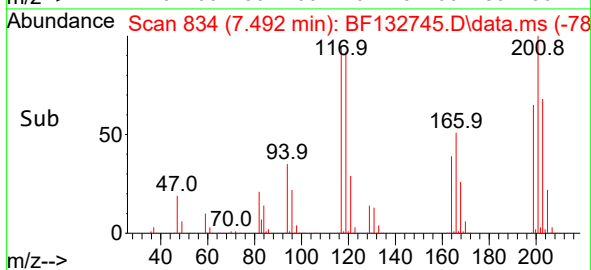
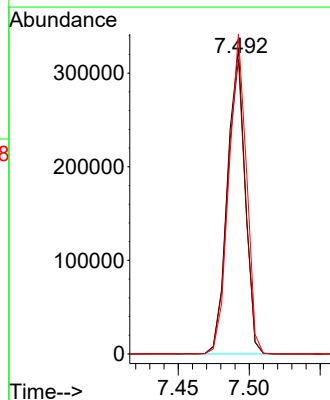
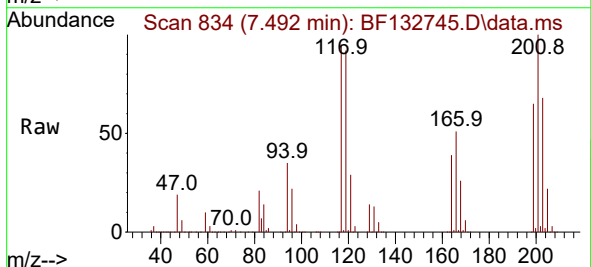
Manual Integrations
APPROVED

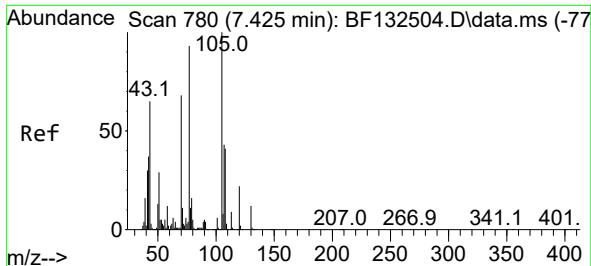
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#18
Hexachloroethane
Concen: 46.930 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

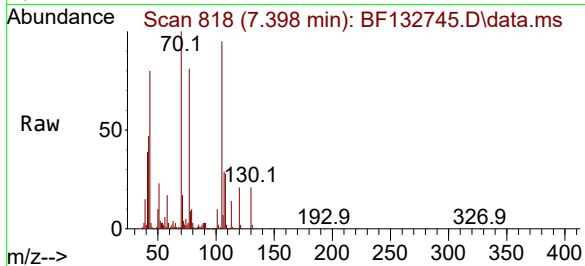
Tgt Ion:117 Resp: 282788
Ion Ratio Lower Upper
117 100
119 96.5 78.0 117.0
201 104.8 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.707 ng
RT: 7.398 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

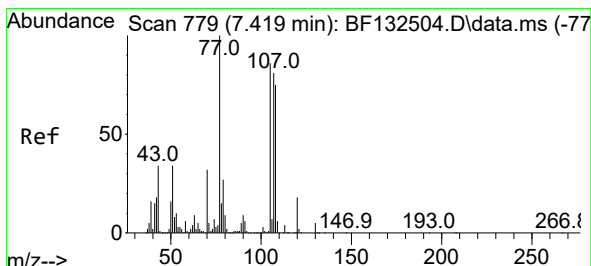
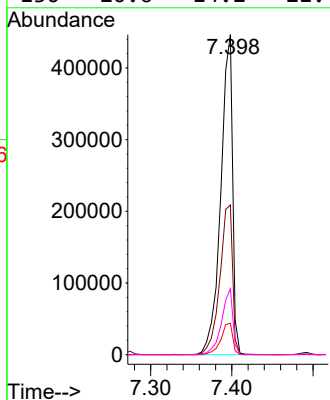
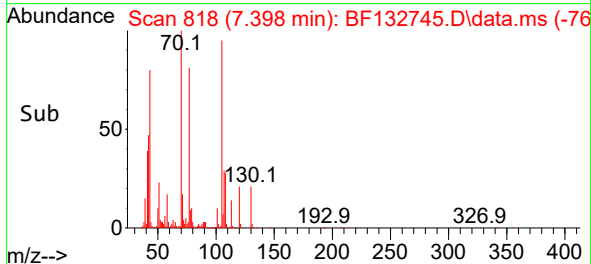
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



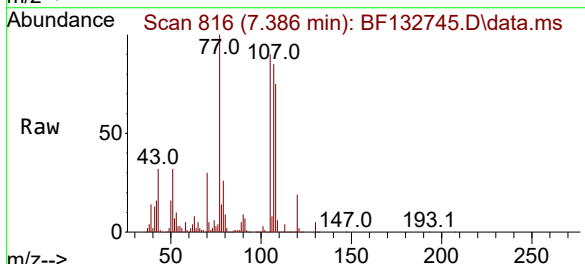
Tgt Ion: 70 Resp: 453458
Ion Ratio Lower Upper
70 100
42 46.8 44.1 66.1
101 9.9 7.4 11.2
130 20.6 14.2 21.4

Manual Integrations
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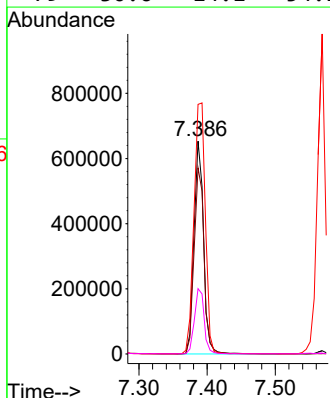
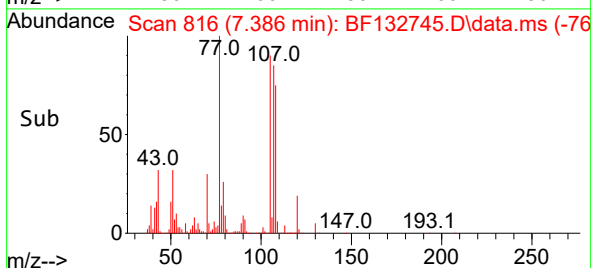
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

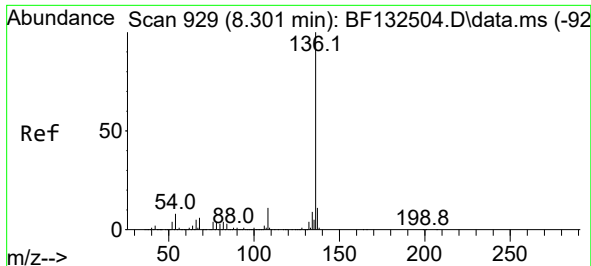


#20
3+4-Methylphenols
Concen: 36.441 ng
RT: 7.386 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



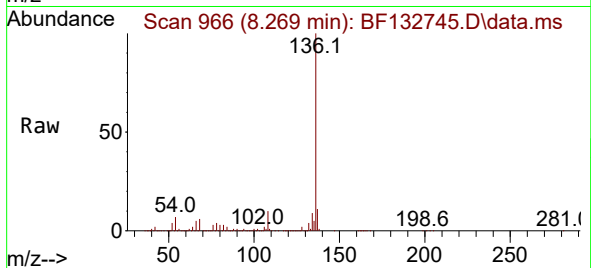
Tgt Ion:107 Resp: 632458
Ion Ratio Lower Upper
107 100
108 87.4 72.6 112.6
77 117.3 104.0 144.0
79 30.6 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

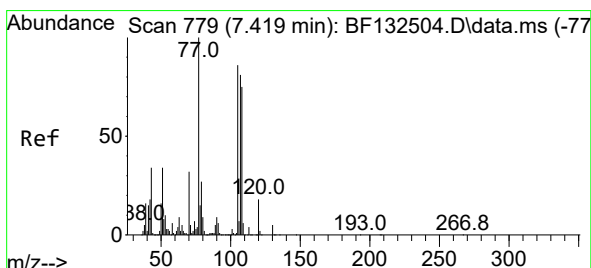
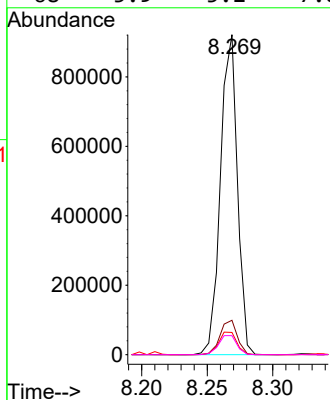
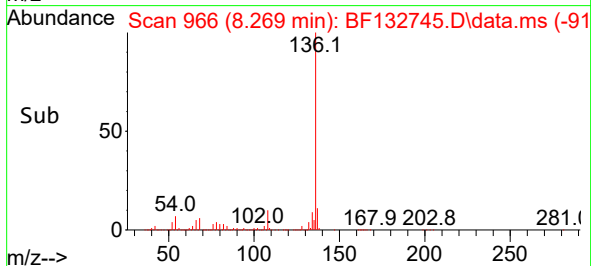
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:136 Resp: 82496
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.9 6.2 9.4
68 5.9 5.2 7.8

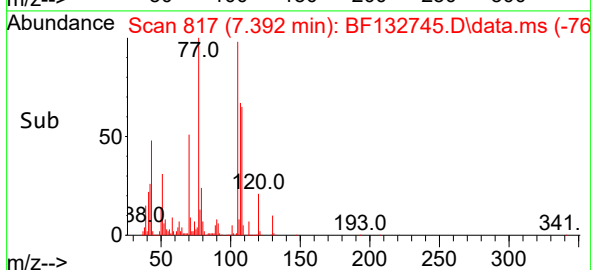
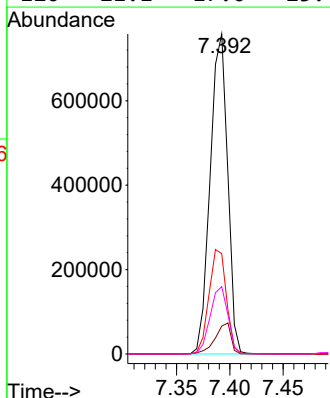
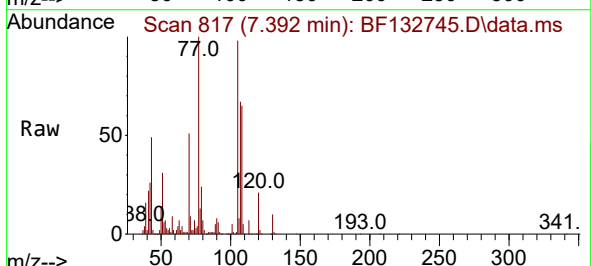
Manual Integrations
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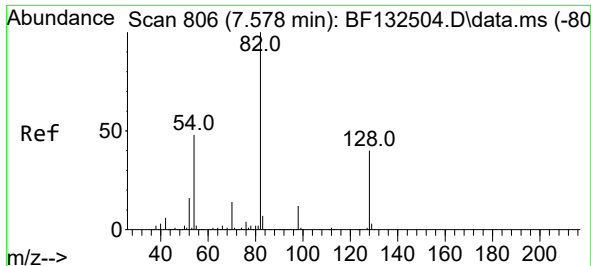
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#22
Acetophenone
Concen: 41.594 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Tgt Ion:105 Resp: 865233
Ion Ratio Lower Upper
105 100
71 8.7 5.0 7.4#
51 31.4 31.5 47.3#
120 21.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 71.838 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MSD

Tgt Ion: 82 Resp: 1249128

Ion Ratio Lower Upper

82 100

128 42.7 32.2 48.2

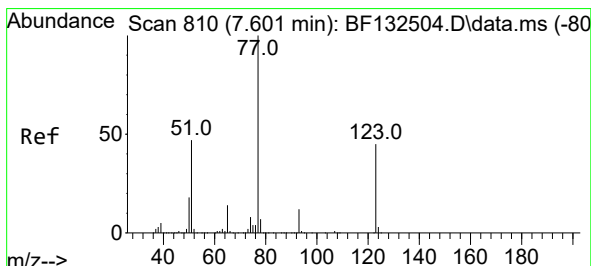
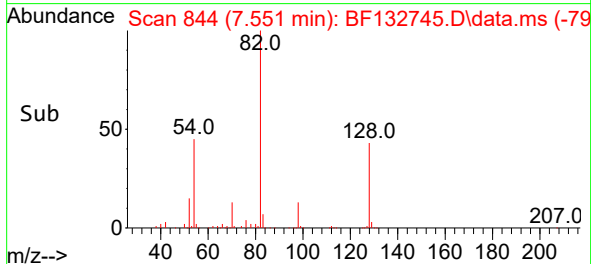
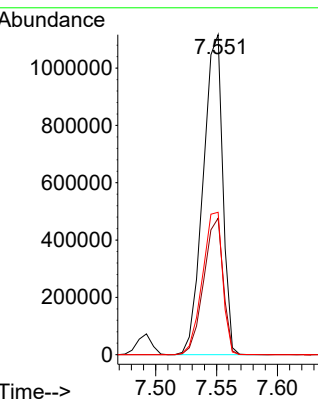
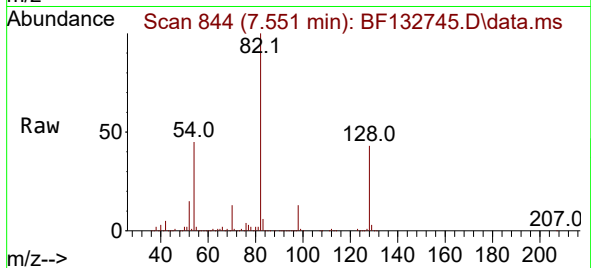
54 44.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#24

Nitrobenzene

Concen: 41.722 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

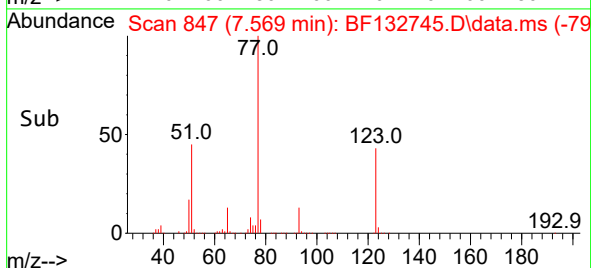
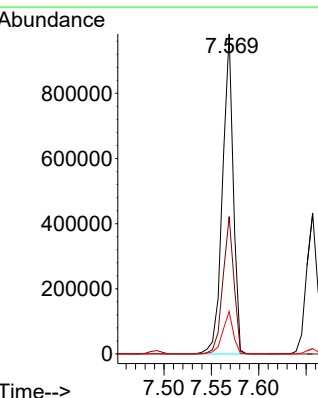
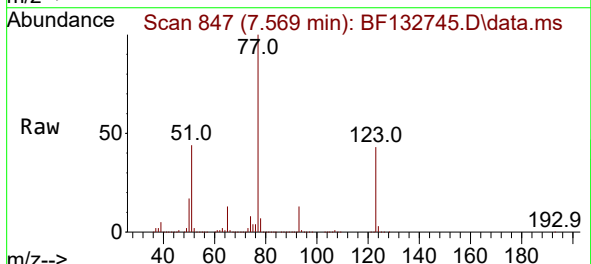
Tgt Ion: 77 Resp: 775877

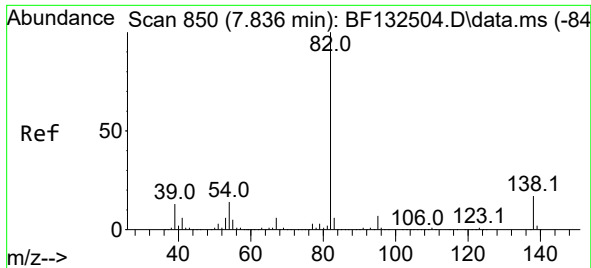
Ion Ratio Lower Upper

77 100

123 43.0 35.8 53.6

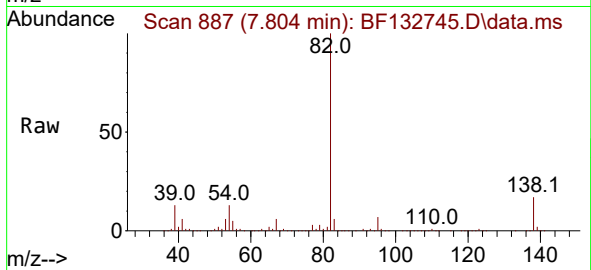
65 13.2 10.9 16.3





#25
Isophorone
Concen: 43.227 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

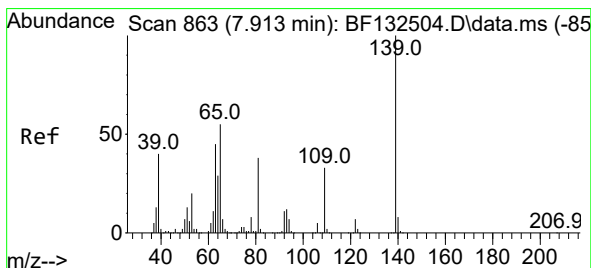
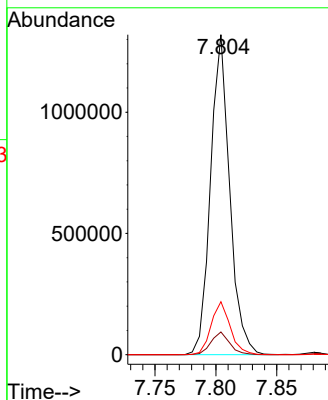
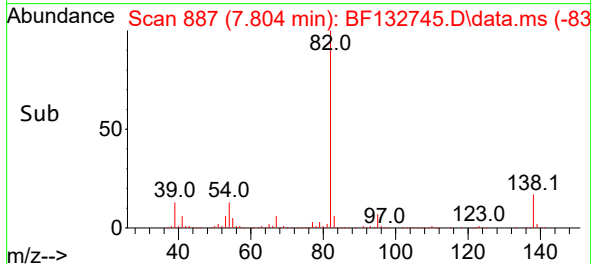
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion: 82 Resp: 1441059
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.5 13.3 19.9

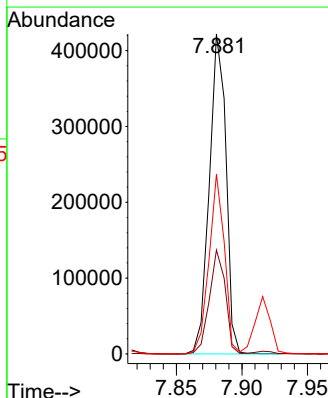
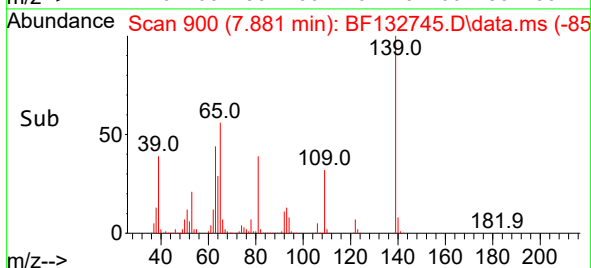
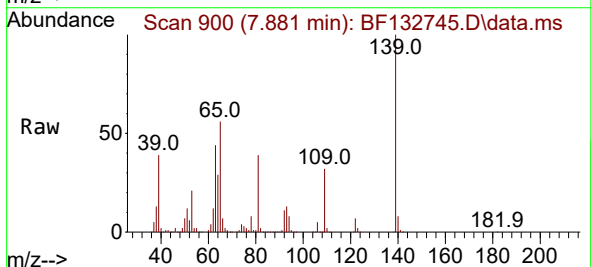
Manual Integrations
APPROVED

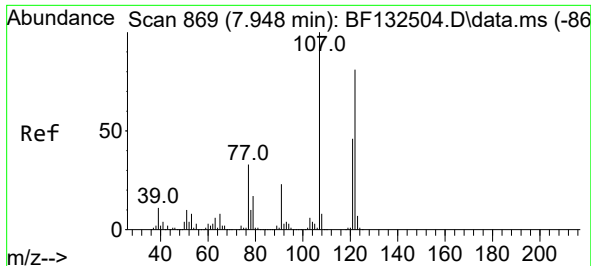
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#26
2-Nitrophenol
Concen: 45.509 ng
RT: 7.881 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

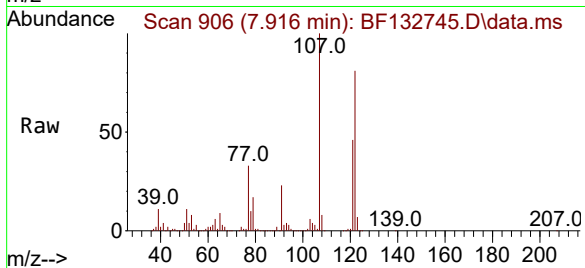
Tgt Ion:139 Resp: 373400
Ion Ratio Lower Upper
139 100
109 32.5 26.2 39.2
65 56.2 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 45.384 ng
RT: 7.916 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

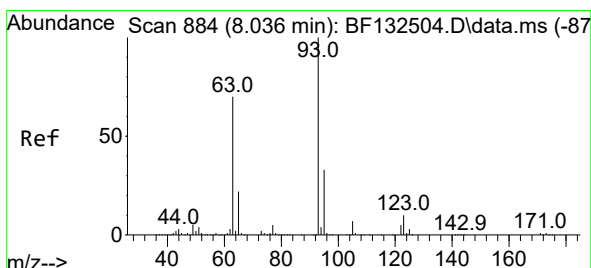
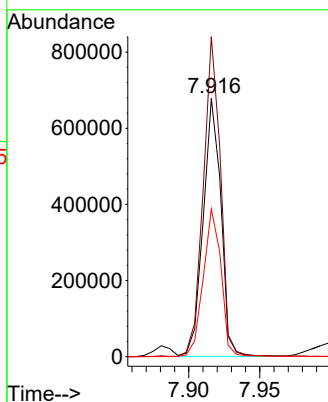
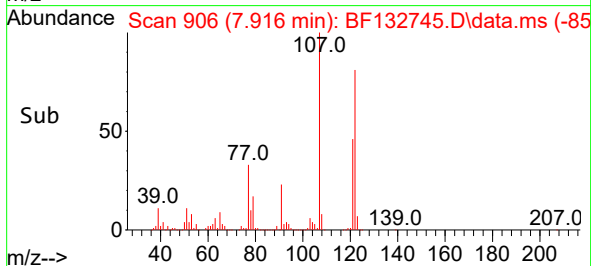
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:122 Resp: 587720
Ion Ratio Lower Upper
122 100
107 123.9 98.7 148.1
121 57.2 45.8 68.6

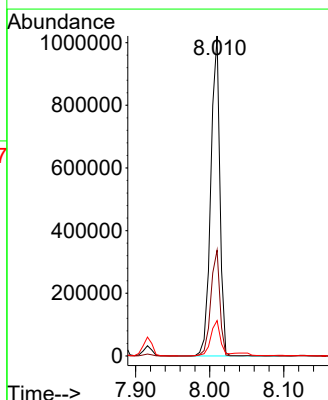
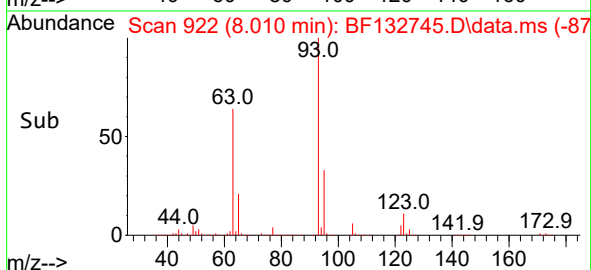
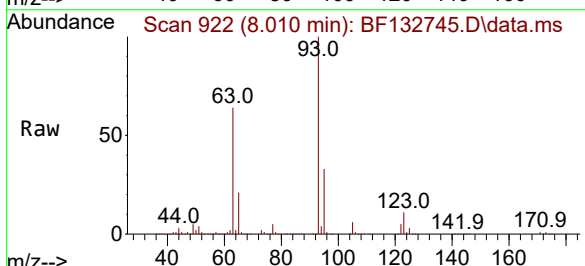
Manual Integrations
APPROVED

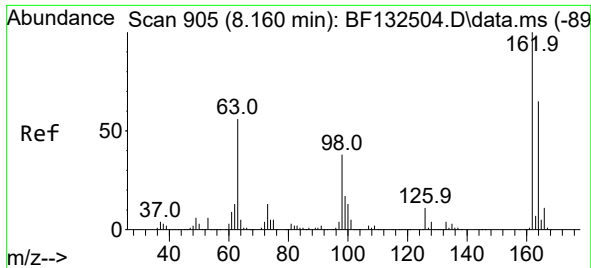
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.384 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Tgt Ion: 93 Resp: 865550
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.0 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 44.669 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

Instrument :

BNA_F

ClientSampleId :

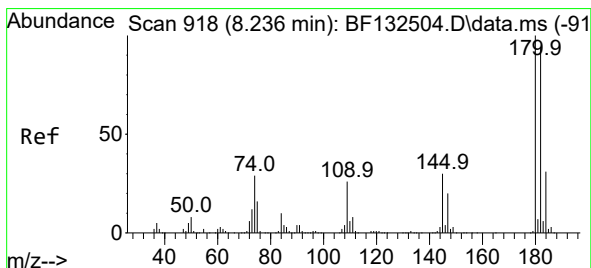
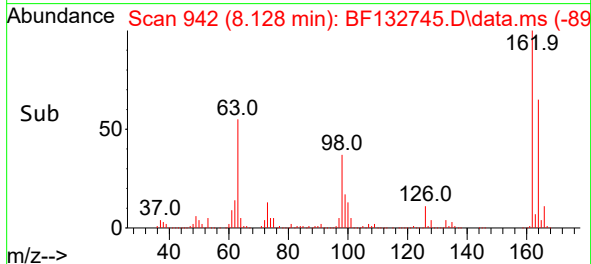
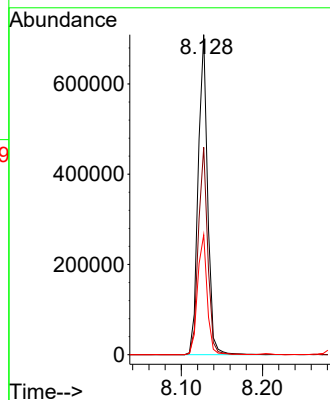
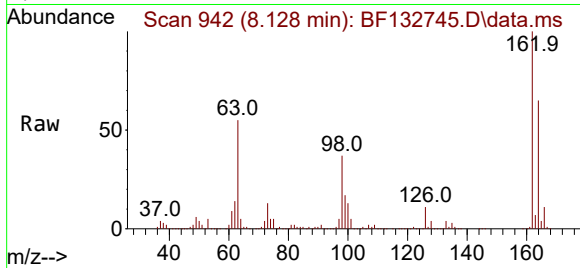
20230163-COMPOSITE-2MSD

Tgt Ion:162 Resp: 575419
 Ion Ratio Lower Upper
 162 100
 164 64.8 45.3 85.3
 98 37.5 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.106 ng

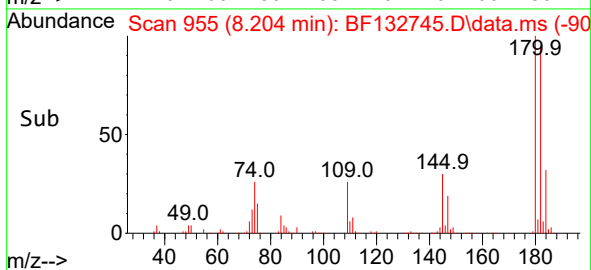
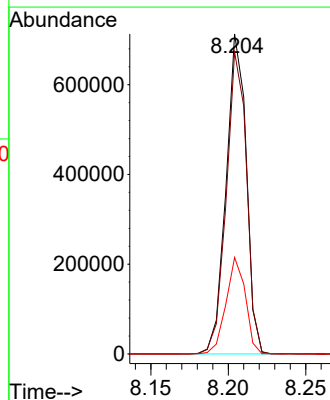
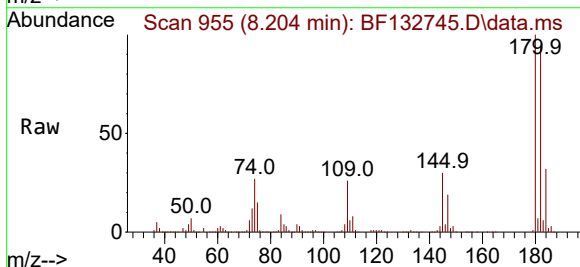
RT: 8.204 min Scan# 955

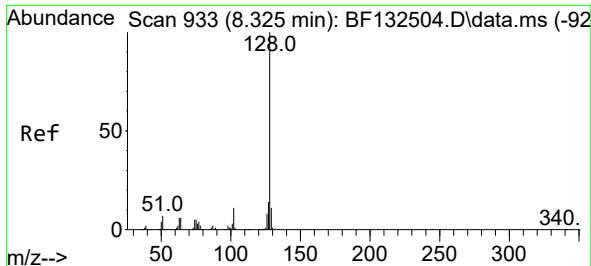
Delta R.T. -0.006 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

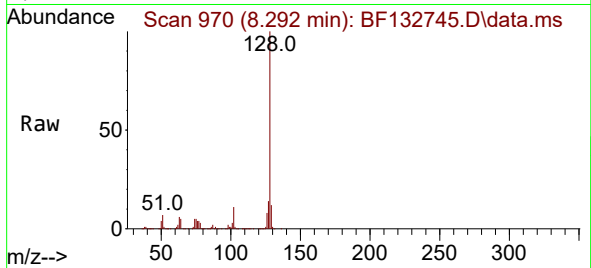
Tgt Ion:180 Resp: 644929
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.1 112.7
 145 30.1 23.8 35.6





#31
Naphthalene
Concen: 42.527 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

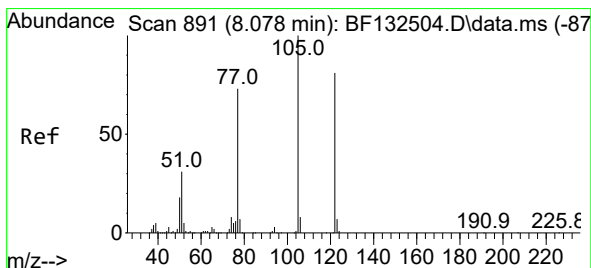
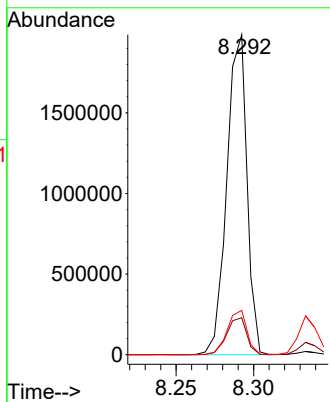
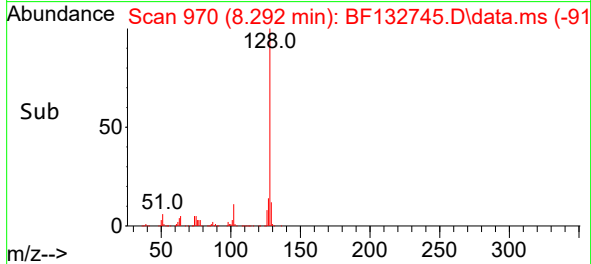
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:128 Resp: 179604
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.9 11.0 16.6

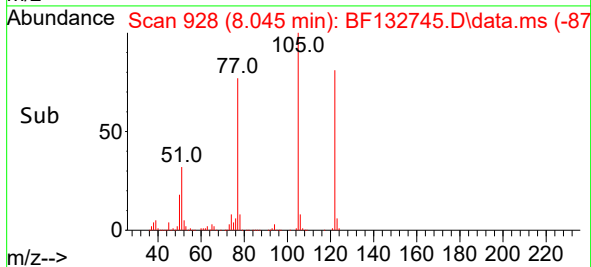
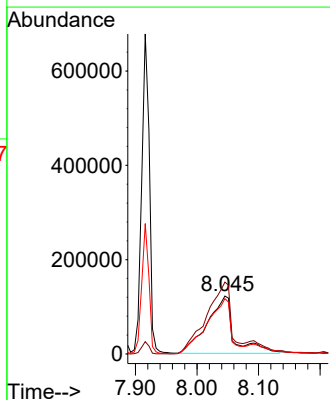
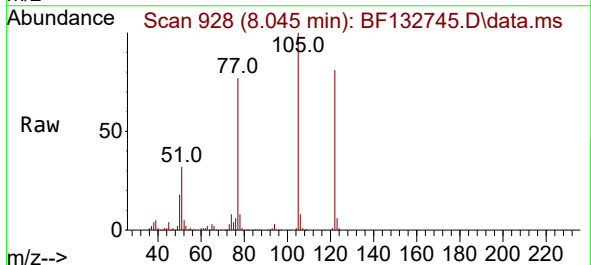
Manual Integrations
APPROVED

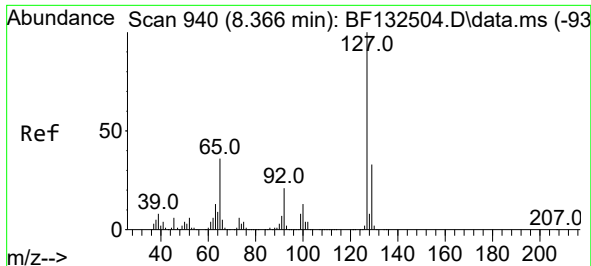
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#32
Benzoic acid
Concen: 37.110 ng m
RT: 8.045 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

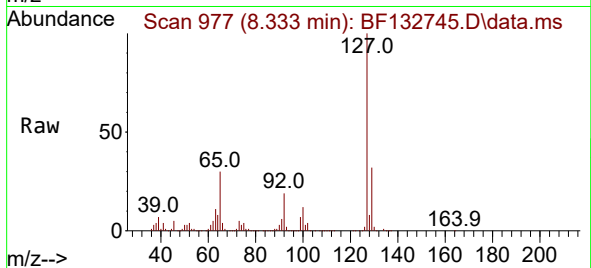
Tgt Ion:122 Resp: 369043
Ion Ratio Lower Upper
122 100
105 124.1 102.6 142.6
77 95.6 70.2 110.2





#33
4-Chloroaniline
Concen: 12.540 ng
RT: 8.333 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

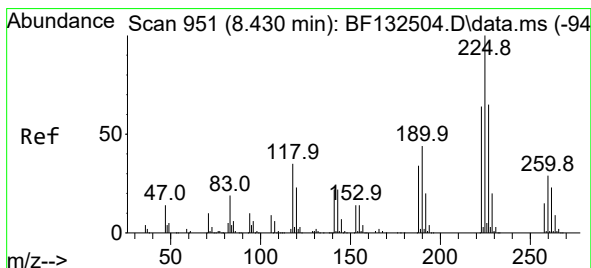
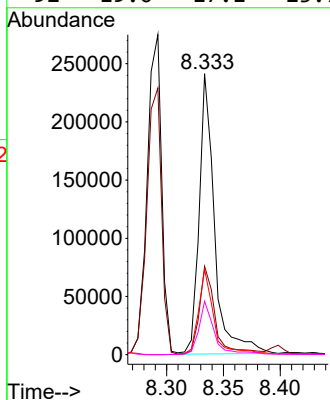
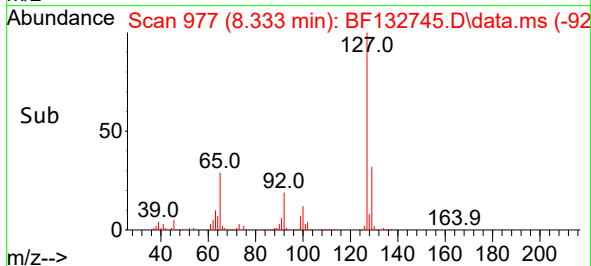
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:127 Resp: 22694
Ion Ratio Lower Upper
127 100
129 31.5 26.4 39.6
65 30.3 28.8 43.2
92 19.0 17.1 25.7

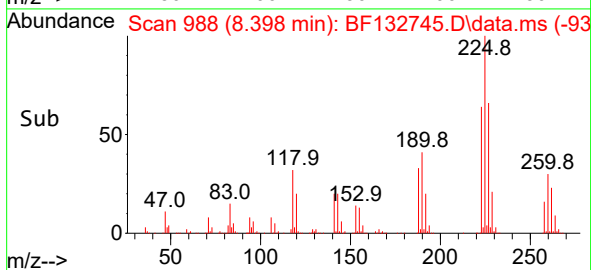
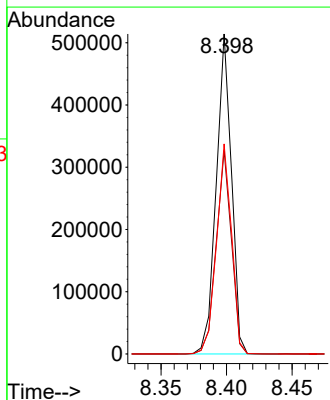
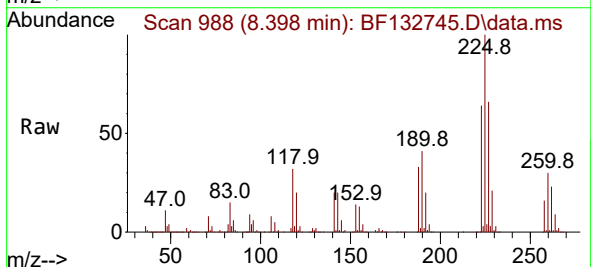
Manual Integrations
APPROVED

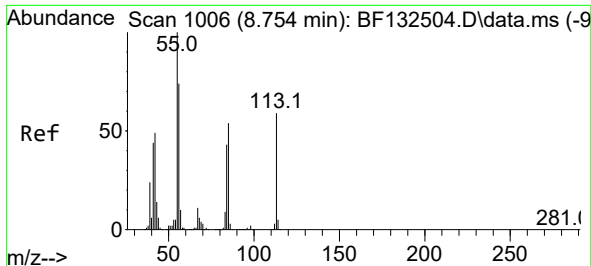
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#34
Hexachlorobutadiene
Concen: 46.512 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

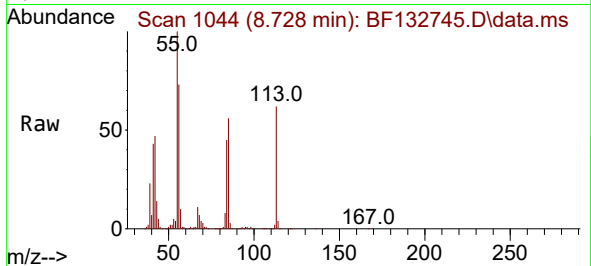
Tgt Ion:225 Resp: 413422
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.4
227 65.7 51.7 77.5





#35
Caprolactam
Concen: 46.122 ng m
RT: 8.728 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

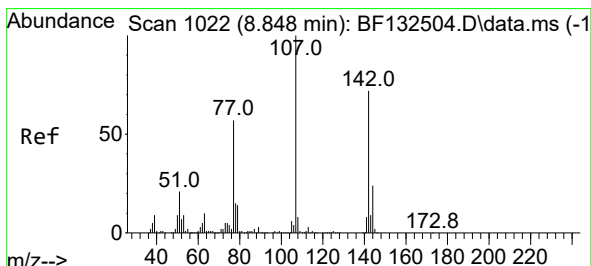
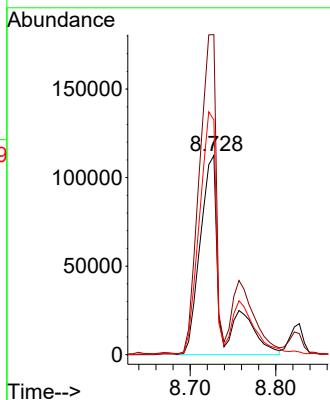
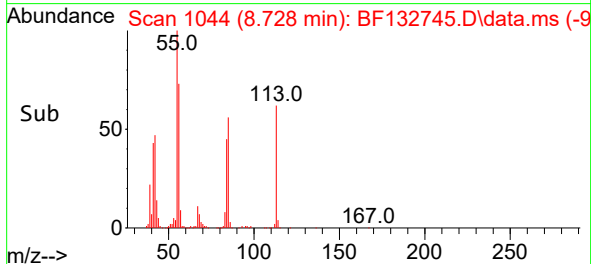
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:113 Resp: 19587
Ion Ratio Lower Upper
113 100
55 160.6 149.4 189.4
56 117.8 105.0 145.0

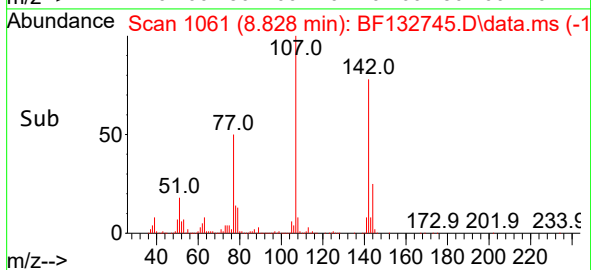
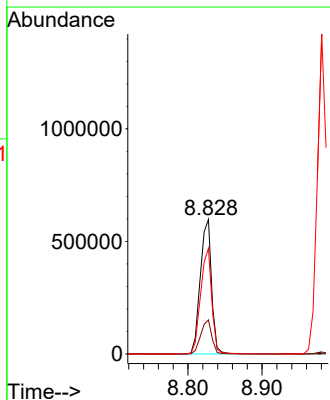
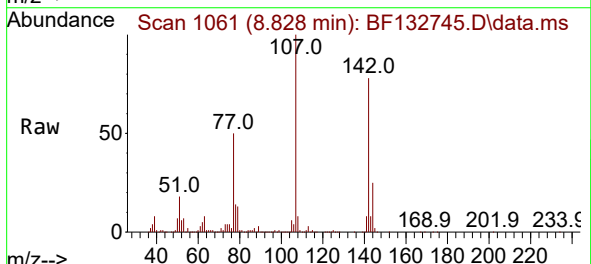
Manual Integrations
APPROVED

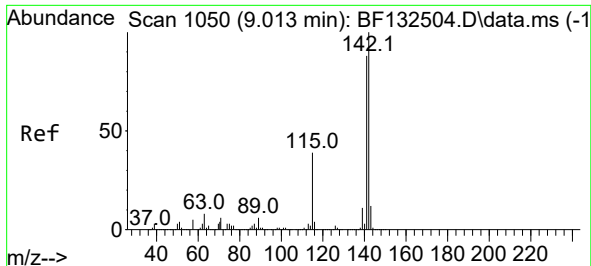
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#36
4-Chloro-3-methylphenol
Concen: 44.596 ng
RT: 8.828 min Scan# 1061
Delta R.T. 0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

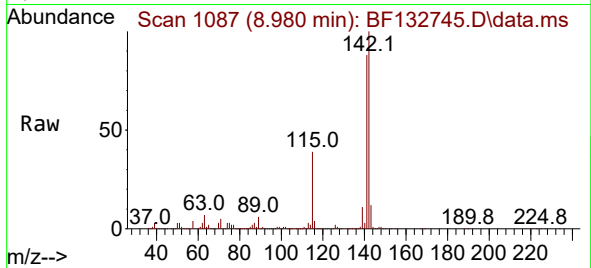
Tgt Ion:107 Resp: 630895
Ion Ratio Lower Upper
107 100
144 25.4 18.9 28.3
142 78.5 57.9 86.9





#37
2-Methylnaphthalene
Concen: 42.035 ng
RT: 8.980 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

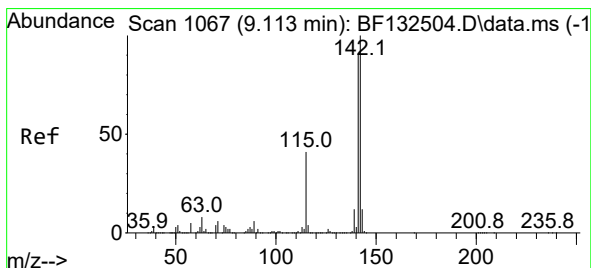
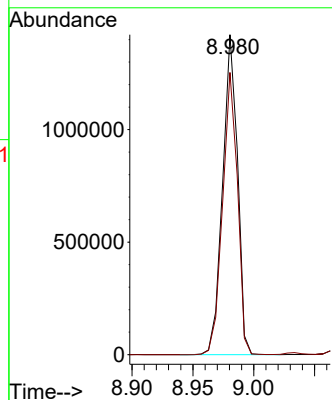
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:142 Resp: 120983
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.2

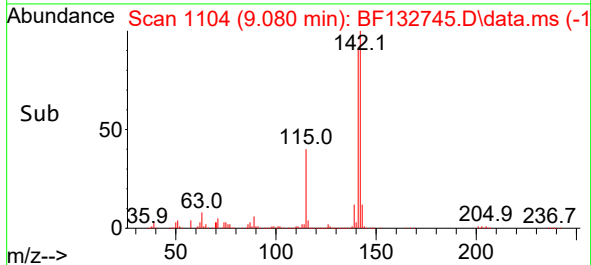
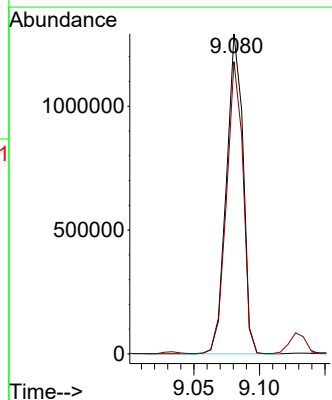
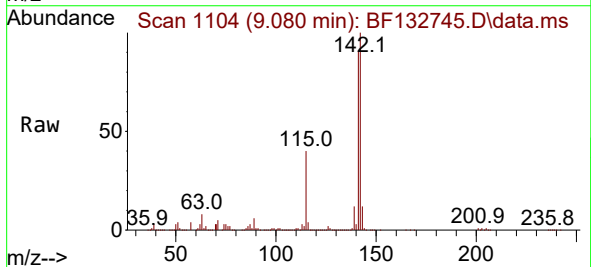
Manual Integrations
APPROVED

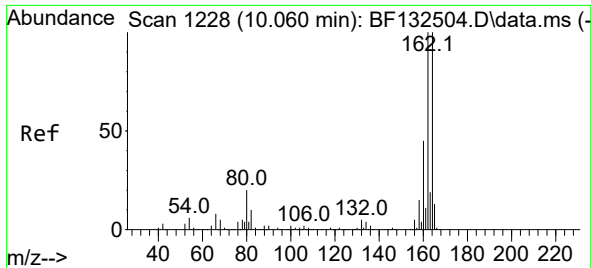
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#38
1-Methylnaphthalene
Concen: 42.278 ng
RT: 9.080 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

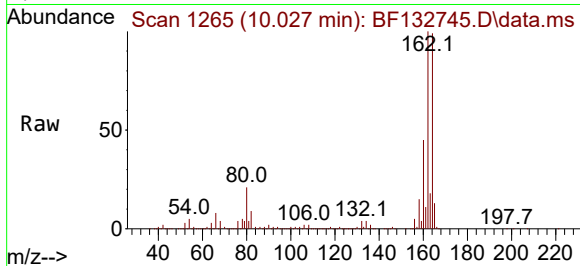
Tgt Ion:142 Resp: 1137164
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.027 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

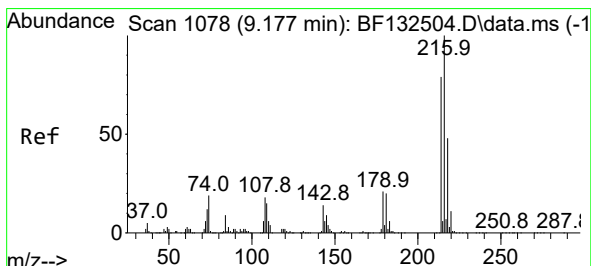
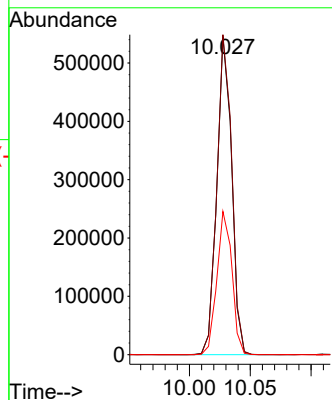
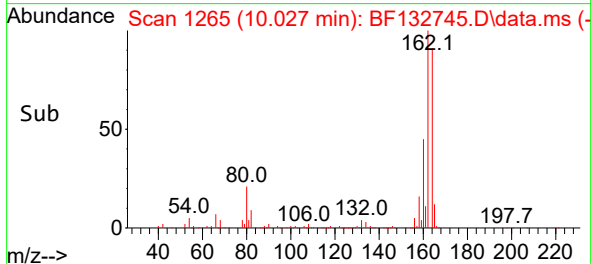
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



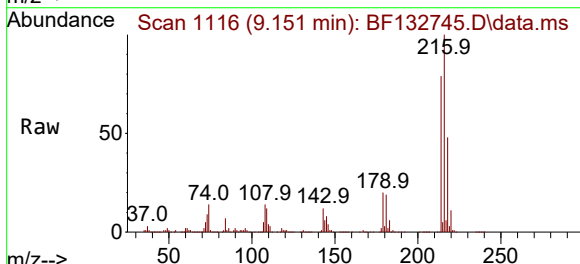
Tgt Ion:164 Resp: 460491
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 45.1 35.8 53.6

Manual Integrations
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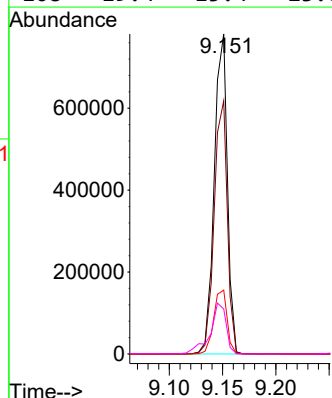
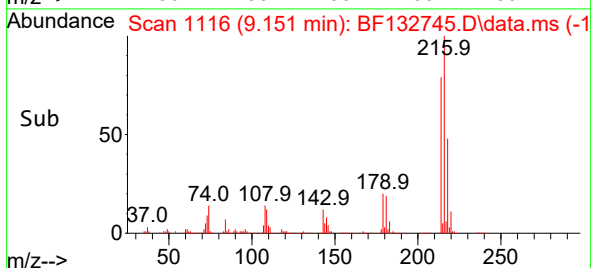
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

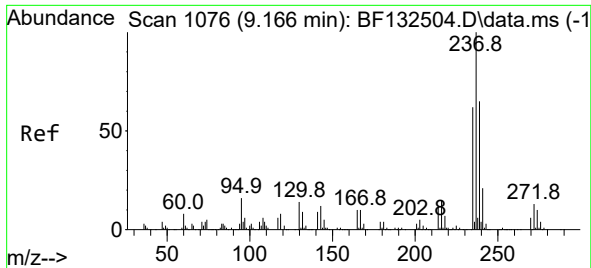


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.200 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



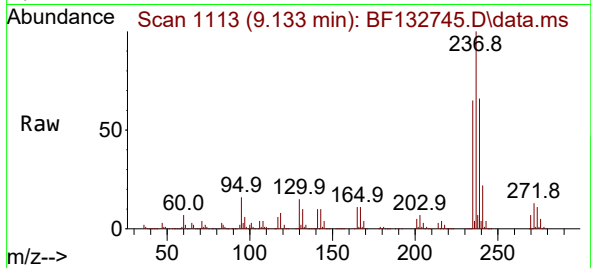
Tgt Ion:216 Resp: 665931
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 20.5 16.6 24.8
108 19.4 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 80.548 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

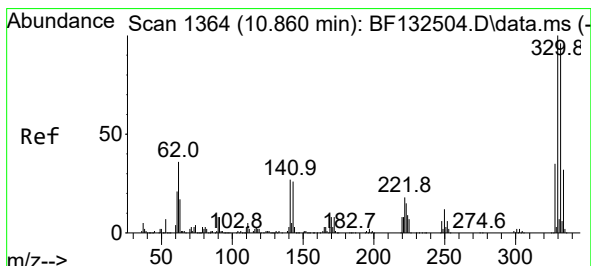
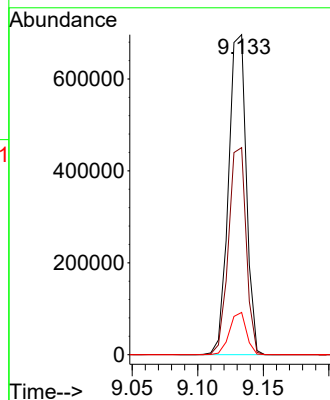
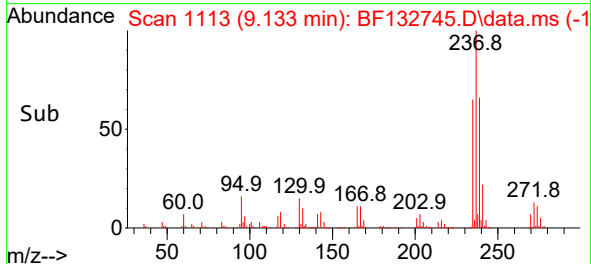
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



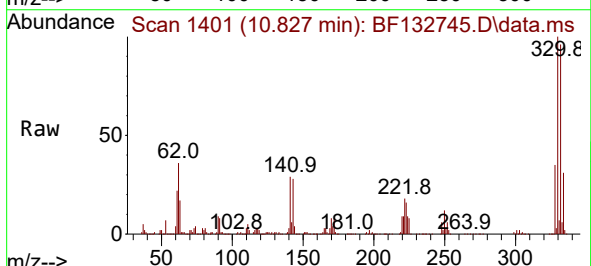
Tgt Ion: 237 Resp: 65822
Ion Ratio Lower Upper
237 100
235 64.7 42.4 82.4
272 13.2 0.0 32.7

Manual Integrations
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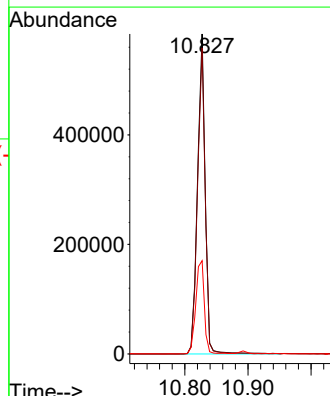
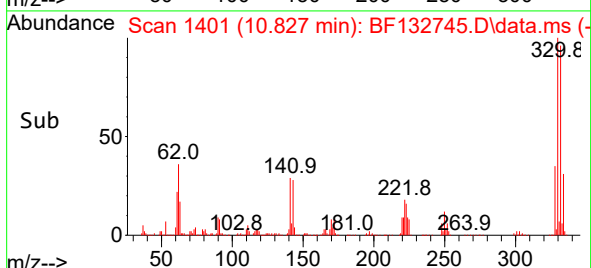
Reviewed By : Christian Giraldo 03/13/2023
Supervised By : Jagrut Upadhyay 03/13/2023

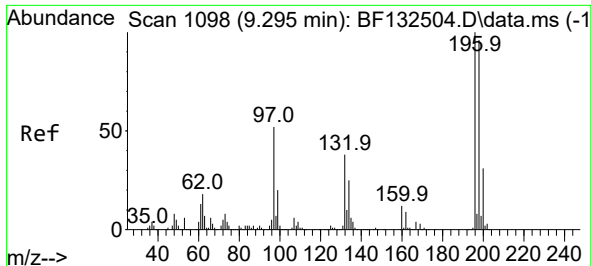


#42
2,4,6-Tribromophenol
Concen: 99.047 ng
RT: 10.827 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



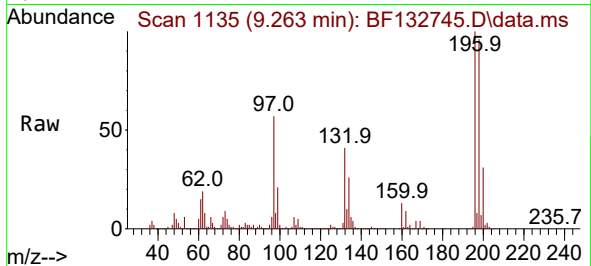
Tgt Ion: 330 Resp: 492574
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 32.7 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 43.233 ng
RT: 9.263 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

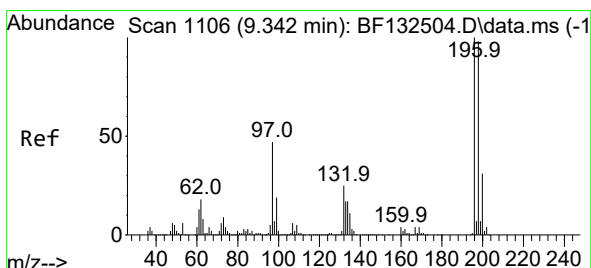
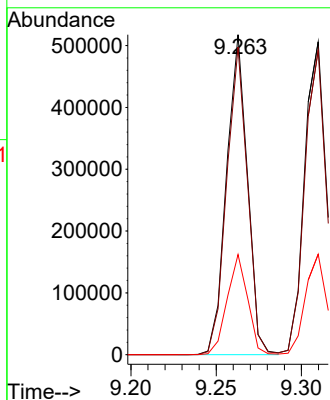
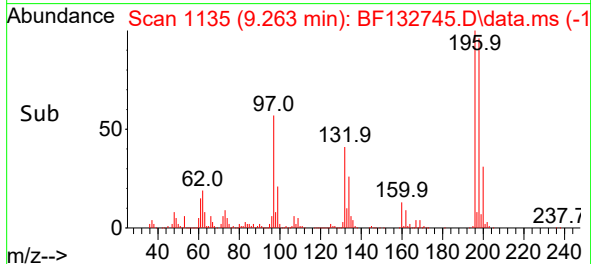
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



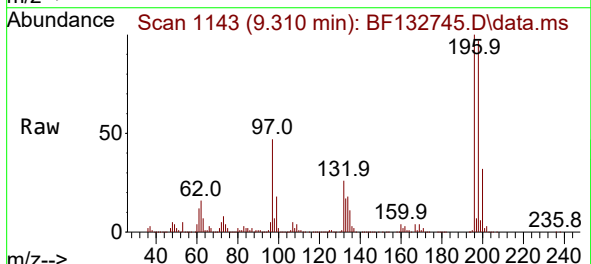
Tgt Ion:196 Resp: 441420
Ion Ratio Lower Upper
196 100
198 96.2 77.1 115.7
200 31.3 25.0 37.4

Manual Integrations
APPROVED

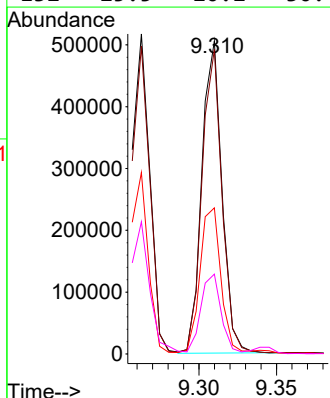
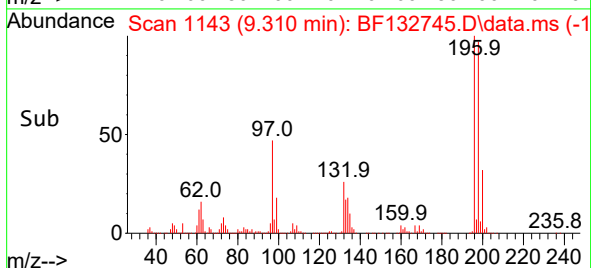
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

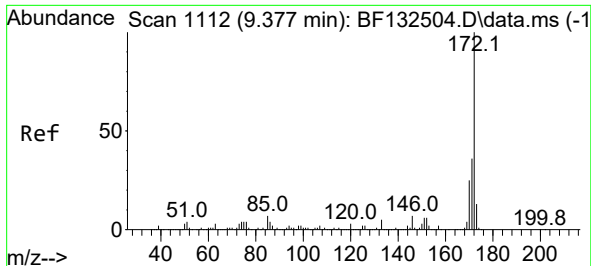


#44
2,4,5-Trichlorophenol
Concen: 38.386 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



Tgt Ion:196 Resp: 457437
Ion Ratio Lower Upper
196 100
198 97.4 78.3 117.5
97 46.7 38.1 57.1
132 25.5 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 65.665 ng

RT: 9.345 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MSD

Tgt Ion:172 Resp: 198588

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

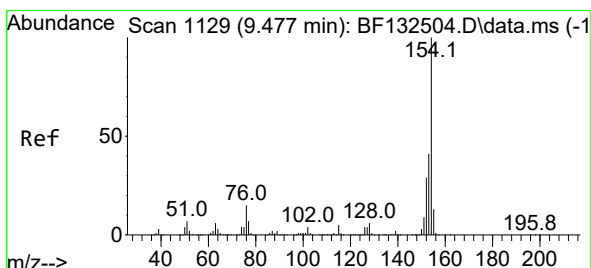
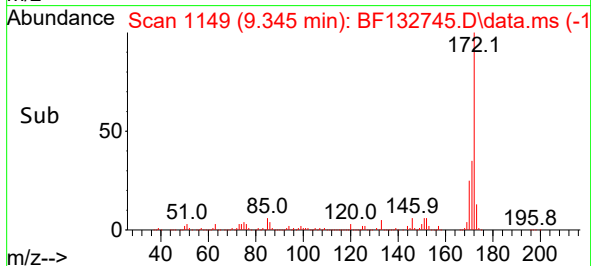
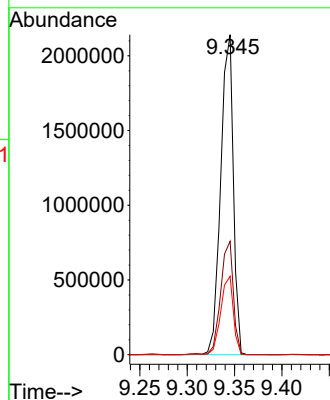
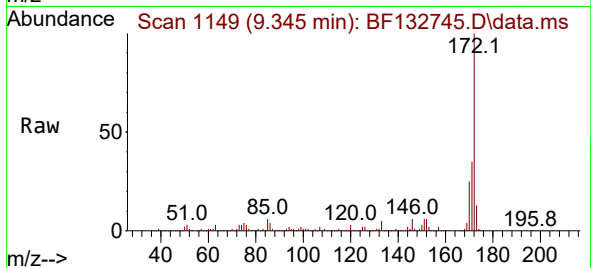
170 24.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#46

1,1'-Biphenyl

Concen: 43.017 ng

RT: 9.445 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

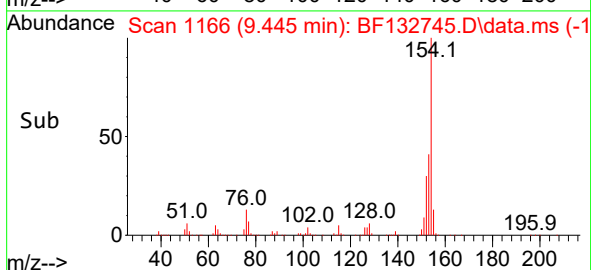
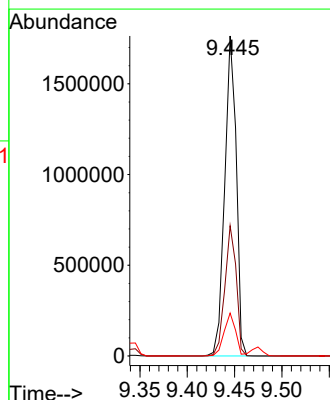
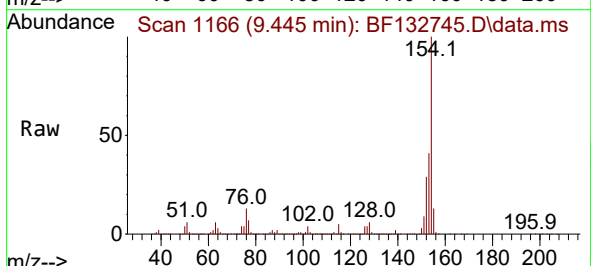
Tgt Ion:154 Resp: 1499305

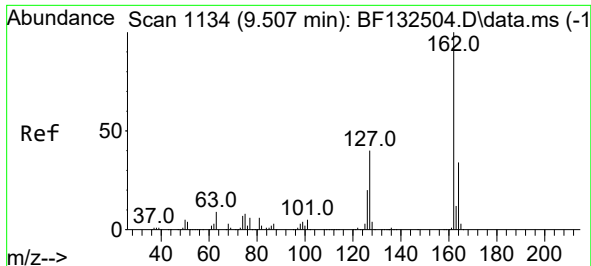
Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

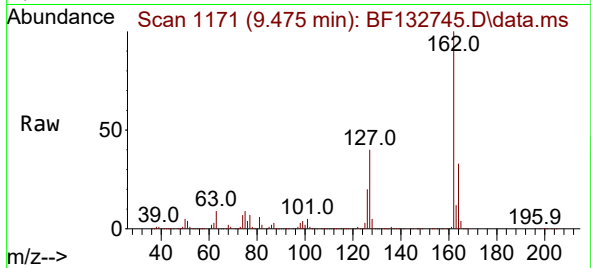
76 13.4 0.0 34.7





#47
2-Chloronaphthalene
Concen: 44.478 ng
RT: 9.475 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

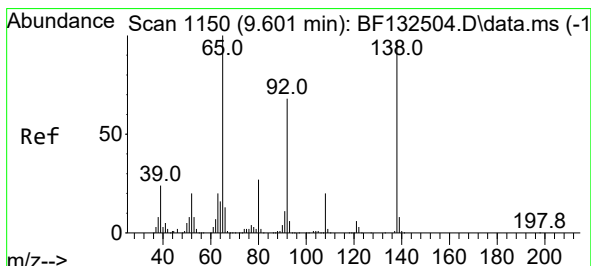
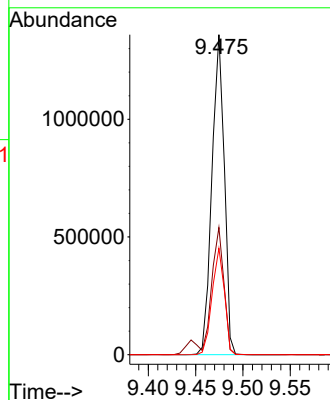
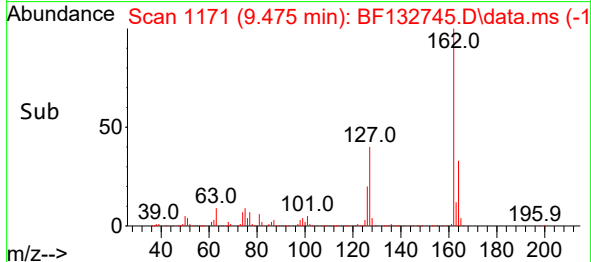
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:162 Resp: 1229099
Ion Ratio Lower Upper
162 100
127 39.7 32.3 48.5
164 33.3 26.9 40.3

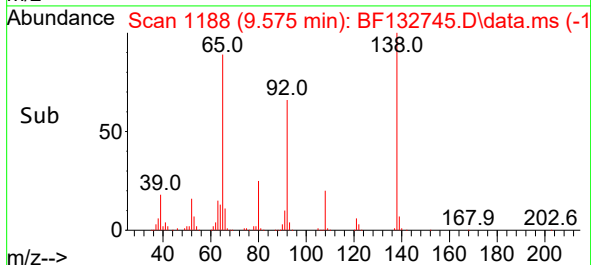
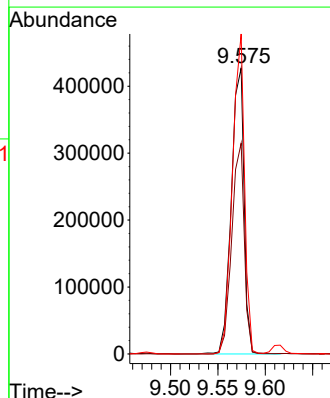
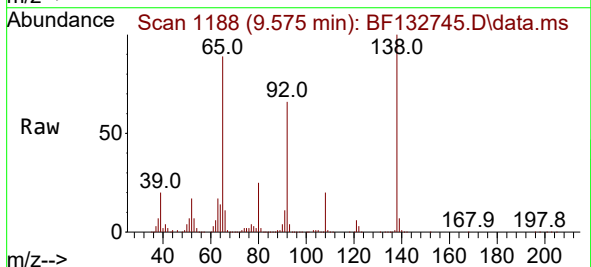
Manual Integrations
APPROVED

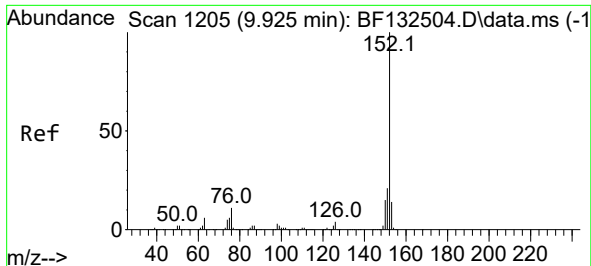
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#48
2-Nitroaniline
Concen: 39.345 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

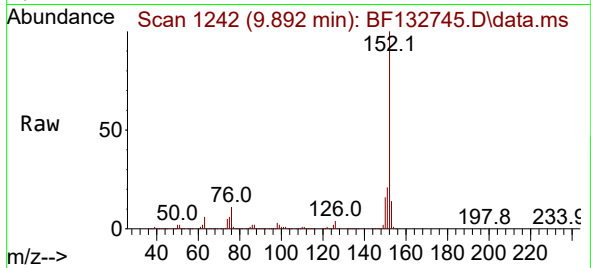
Tgt Ion: 65 Resp: 400433
Ion Ratio Lower Upper
65 100
92 73.7 54.5 81.7
138 111.9 77.2 115.8





#49
Acenaphthylene
Concen: 41.835 ng
RT: 9.892 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

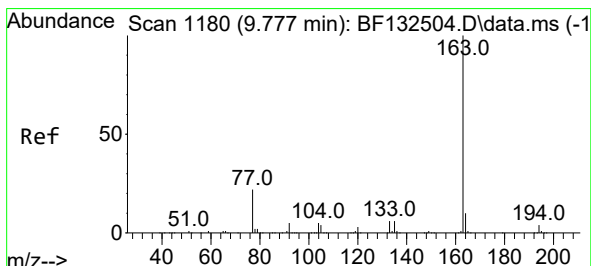
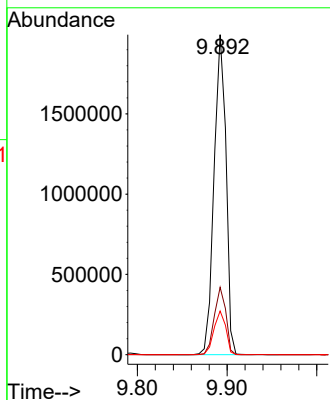
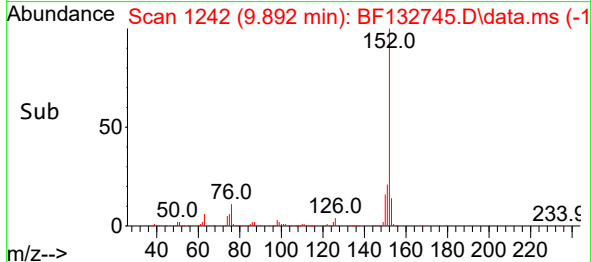
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:152 Resp: 1839908
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.6 11.0 16.6

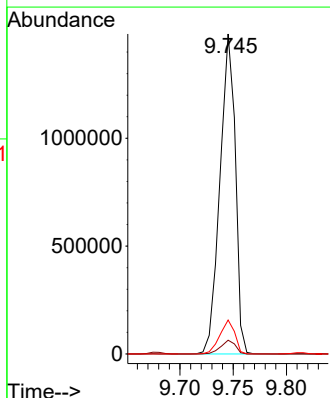
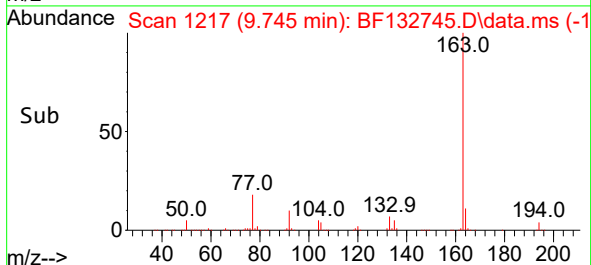
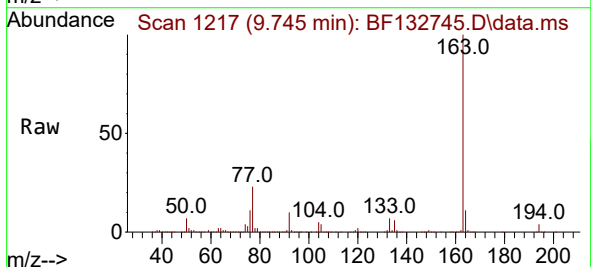
Manual Integrations
APPROVED

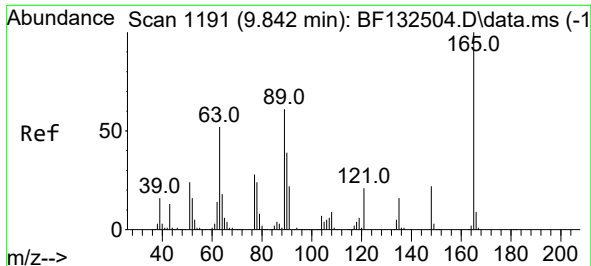
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#50
Dimethylphthalate
Concen: 44.333 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

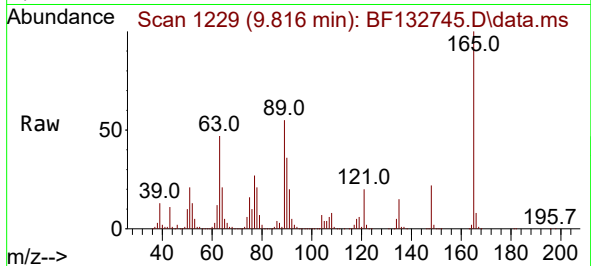
Tgt Ion:163 Resp: 1486480
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.101 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

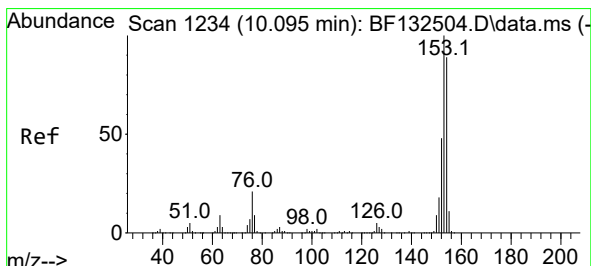
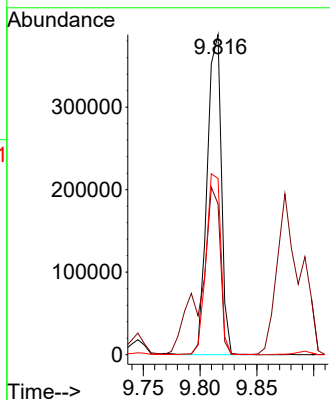
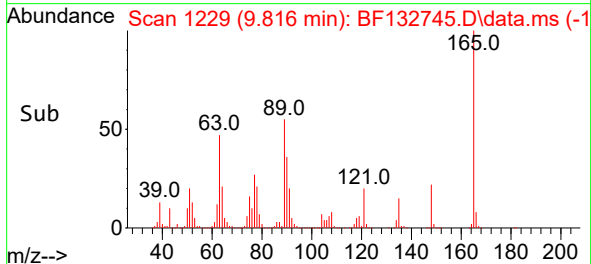
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:165 Resp: 33675
Ion Ratio Lower Upper
165 100
63 47.1 47.3 70.9
89 55.0 48.9 73.3

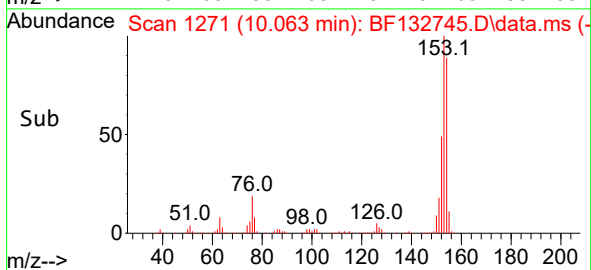
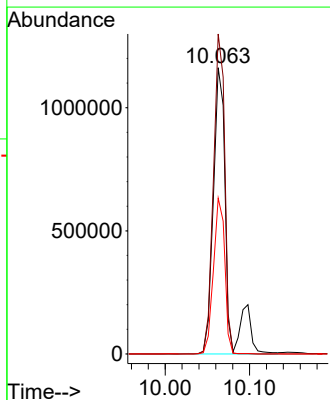
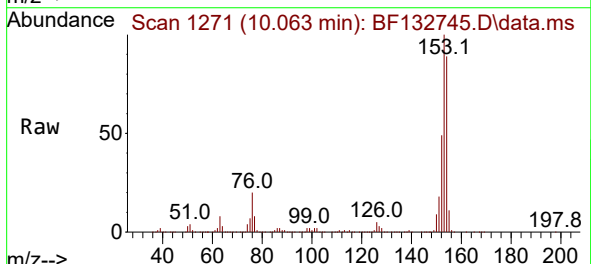
Manual Integrations
APPROVED

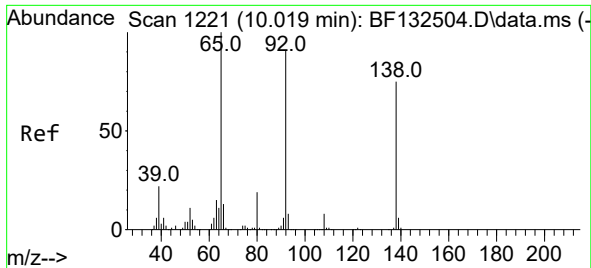
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#52
Acenaphthene
Concen: 45.766 ng m
RT: 10.063 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

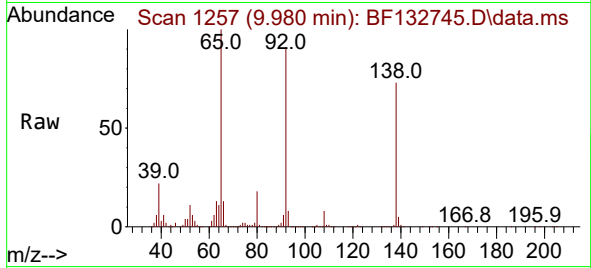
Tgt Ion:154 Resp: 1278102
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.8
152 54.5 43.3 64.9





#53
3-Nitroaniline
Concen: 23.818 ng
RT: 9.980 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

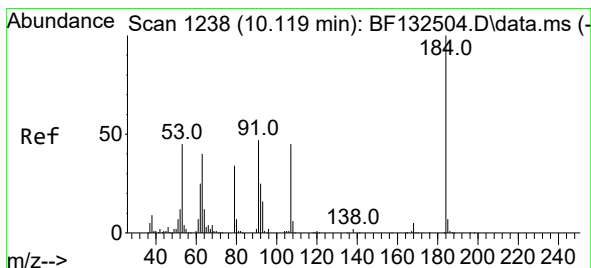
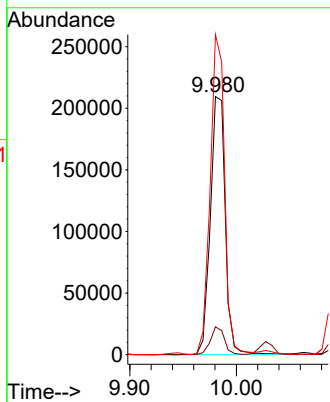
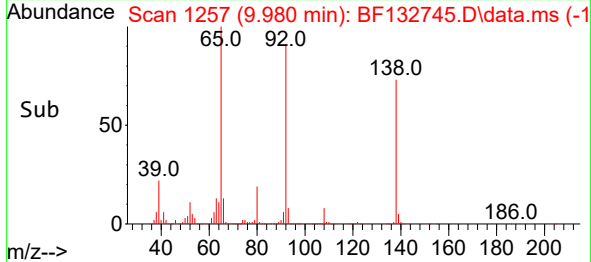
Instrument : BNA_F
ClientSampleId : 20230163-COMPOSITE-2MSD



Tgt Ion:138 Resp: 203440
Ion Ratio Lower Upper
138 100
108 10.8 8.1 12.1
92 124.0 97.2 145.8

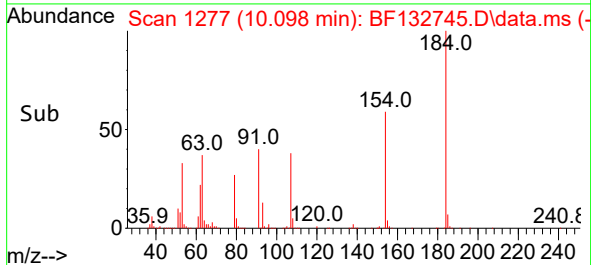
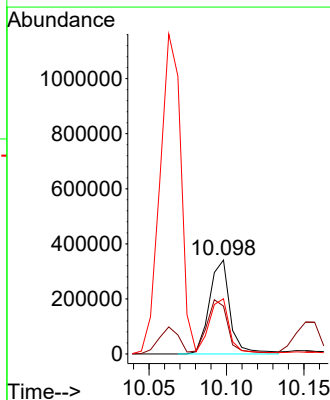
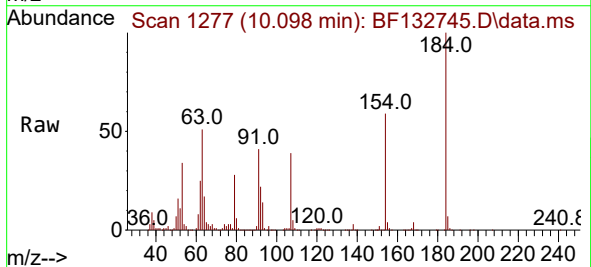
Manual Integrations
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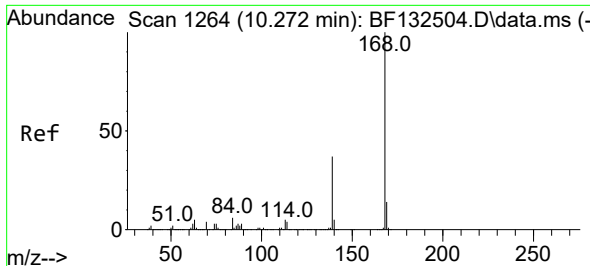
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#54
2,4-Dinitrophenol
Concen: 66.372 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

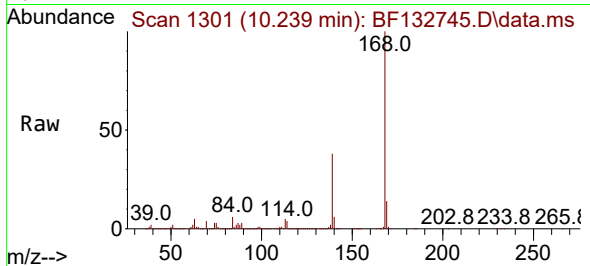
Tgt Ion:184 Resp: 317832
Ion Ratio Lower Upper
184 100
63 51.0 51.4 77.2#
154 58.7 48.3 72.5





#55
Dibenzenofuran
Concen: 41.738 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

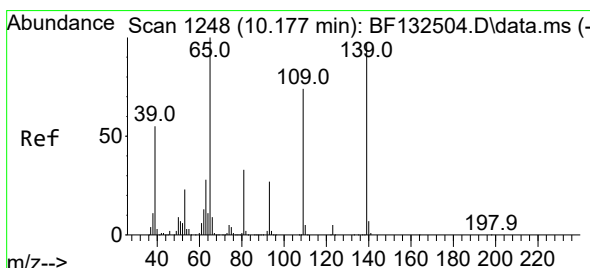
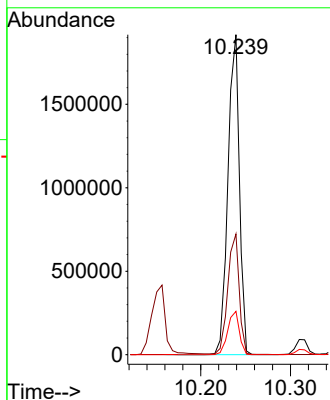
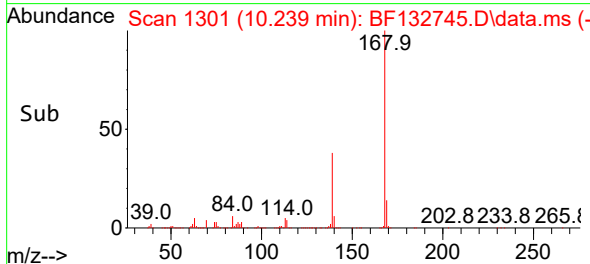
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:168 Resp: 169928
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.6 10.9 16.3

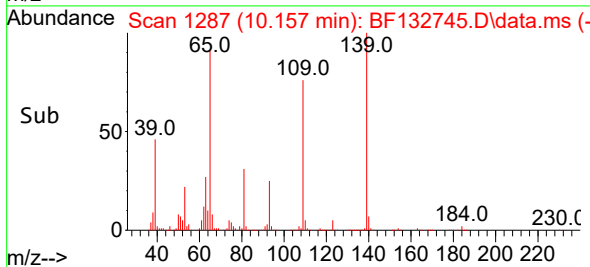
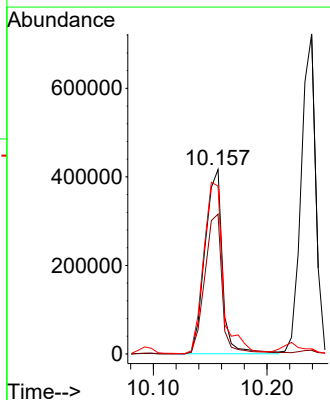
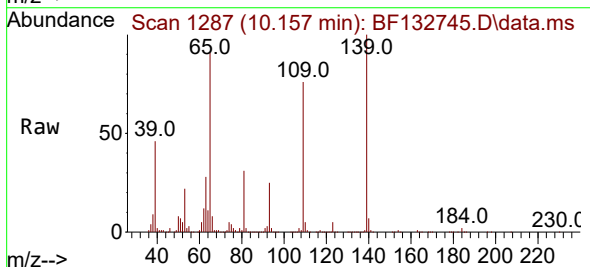
Manual Integrations
APPROVED

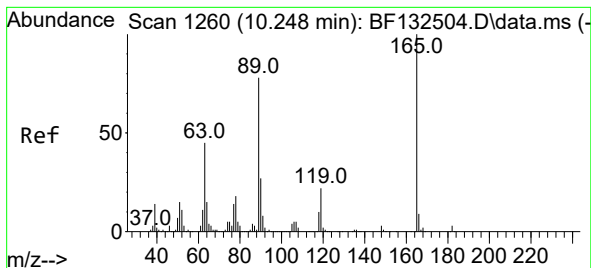
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#56
4-Nitrophenol
Concen: 69.681 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

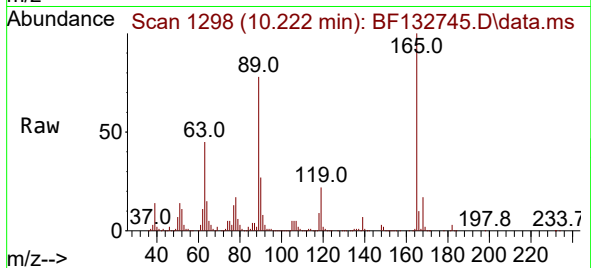
Tgt Ion:139 Resp: 443884
Ion Ratio Lower Upper
139 100
109 75.8 56.7 96.7
65 90.9 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 42.542 ng
RT: 10.222 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

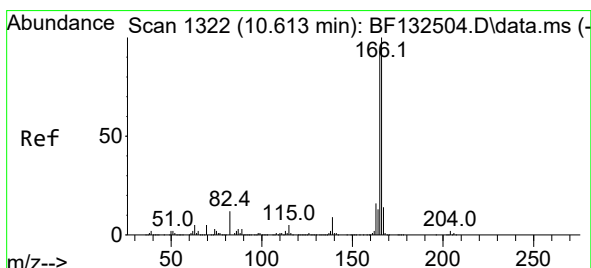
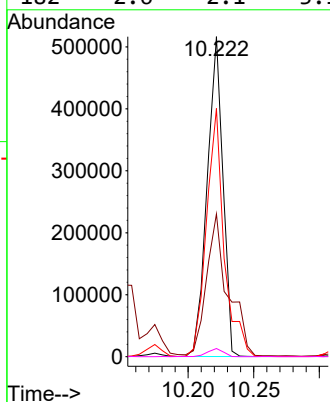
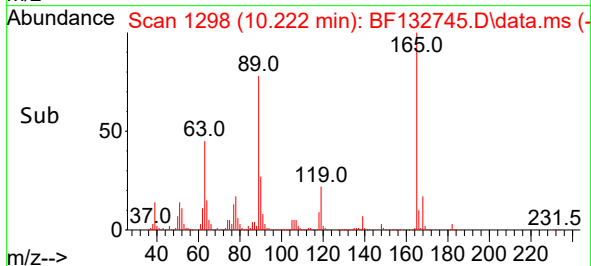
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



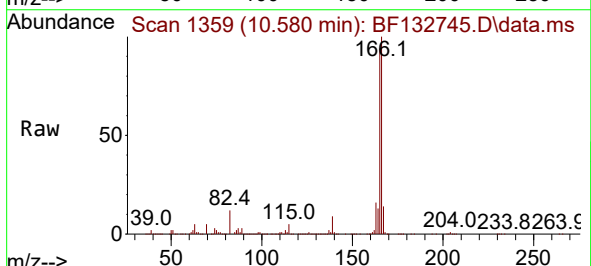
Tgt Ion:165 Resp: 43217
Ion Ratio Lower Upper
165 100
63 44.6 36.5 54.7
89 77.5 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations
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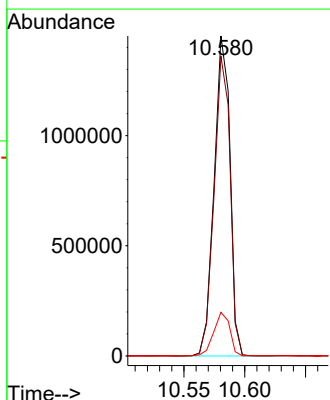
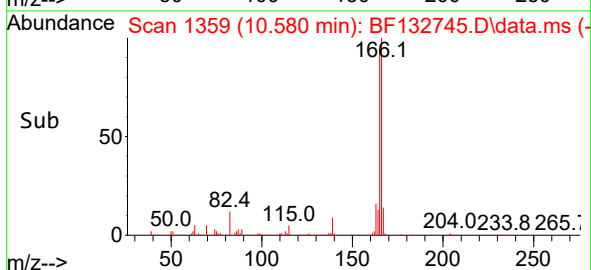
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

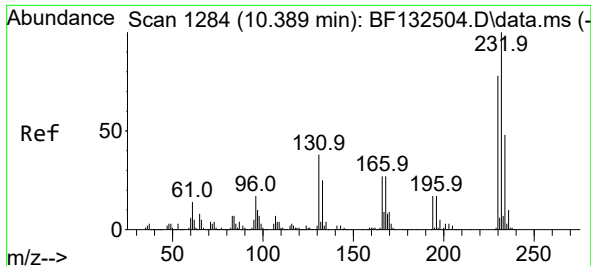


#58
Fluorene
Concen: 42.281 ng
RT: 10.580 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



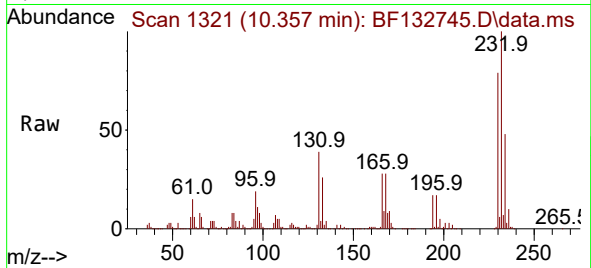
Tgt Ion:166 Resp: 1316680
Ion Ratio Lower Upper
166 100
165 93.7 74.2 111.4
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.078 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

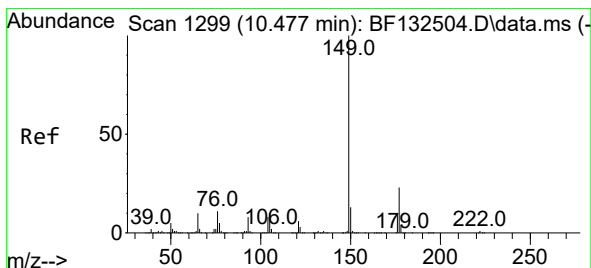
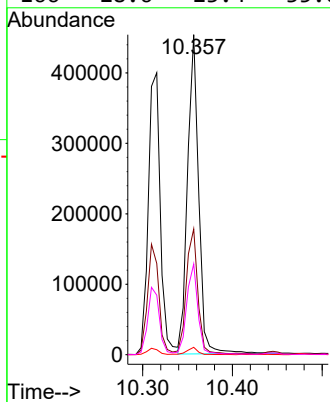
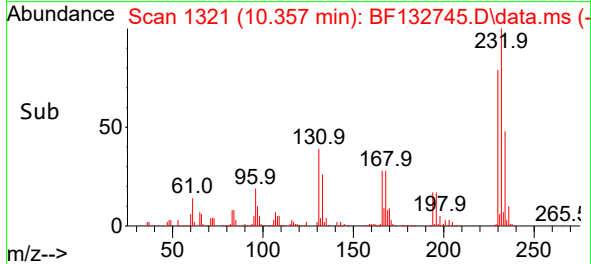
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:232 Resp: 390188
Ion Ratio Lower Upper
232 100
131 40.1 33.8 50.8
130 2.3 1.7 2.5
166 28.6 23.4 35.0

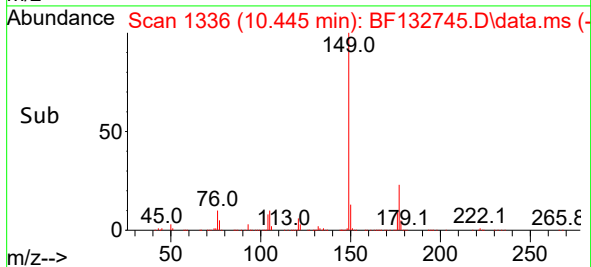
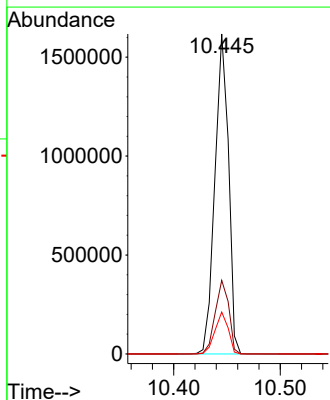
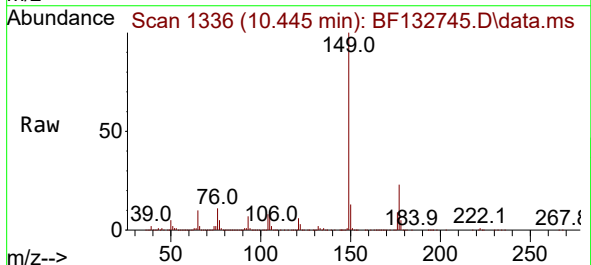
Manual Integrations
APPROVED

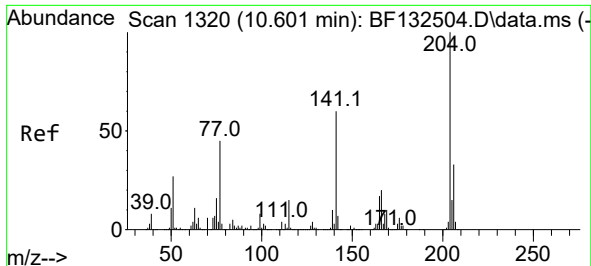
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#60
Diethylphthalate
Concen: 43.577 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Tgt Ion:149 Resp: 1427019
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 13.1 10.2 15.2





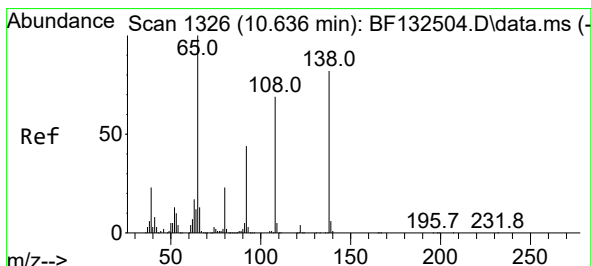
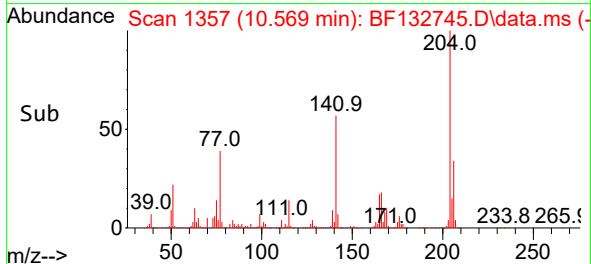
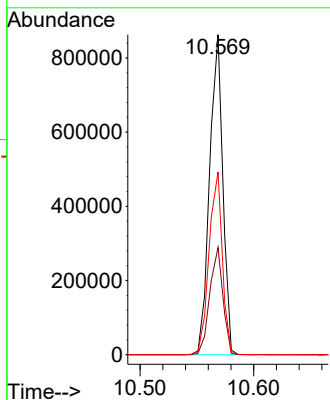
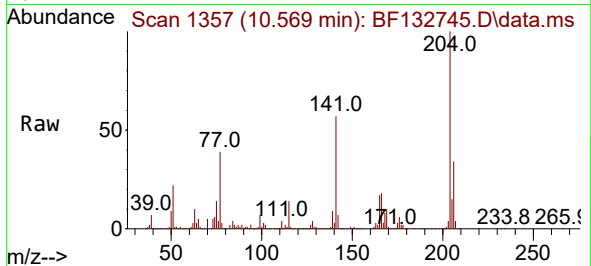
#61
4-Chlorophenyl-phenylether
Concen: 43.153 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD

Tgt Ion:204 Resp: 697138
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 57.1 47.8 71.8

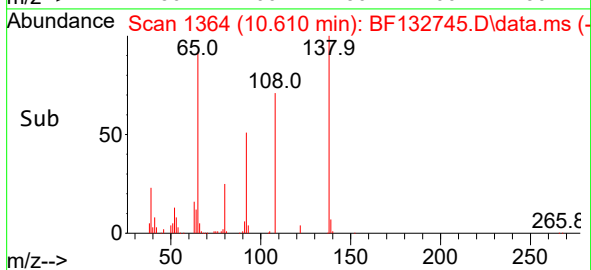
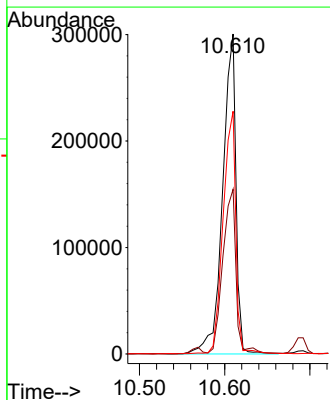
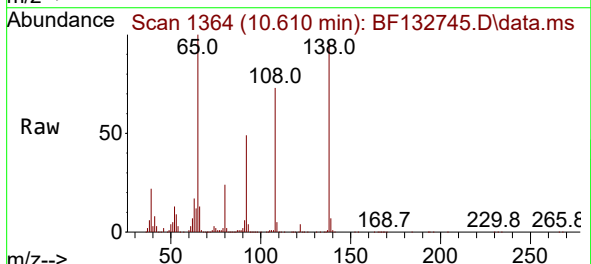
Manual Integrations
APPROVED

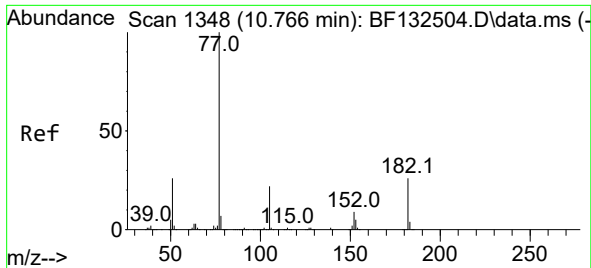
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#62
4-Nitroaniline
Concen: 38.993 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

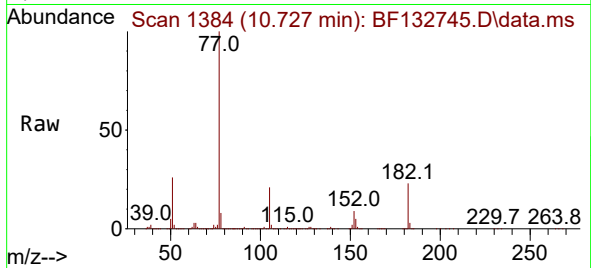
Tgt Ion:138 Resp: 326947
Ion Ratio Lower Upper
138 100
92 51.4 33.8 73.8
108 75.9 63.7 103.7





#63
Azobenzene
Concen: 46.350 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

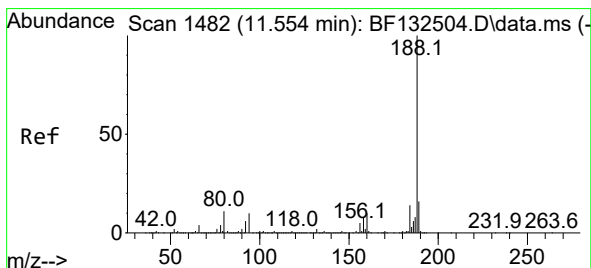
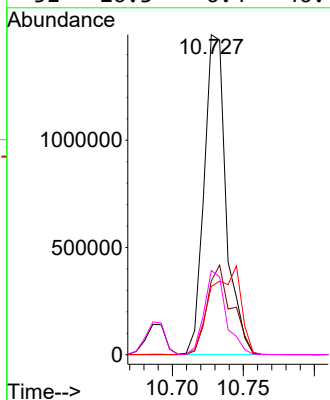
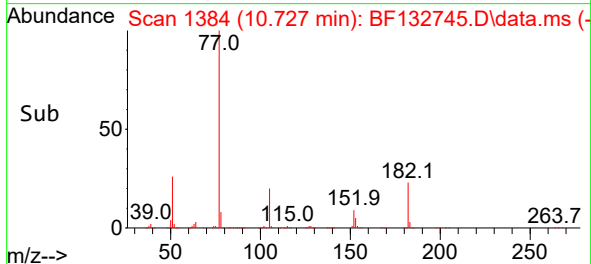
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion: 77 Resp: 1607450
Ion Ratio Lower Upper
77 100
182 23.0 5.5 45.5
105 21.3 1.8 41.8
51 26.3 6.4 46.4

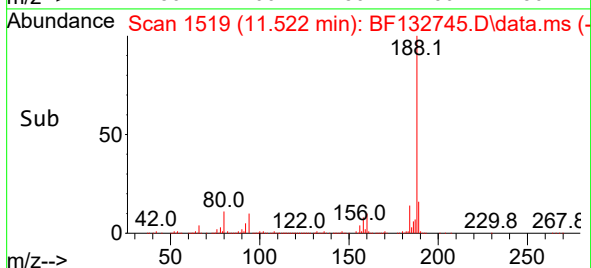
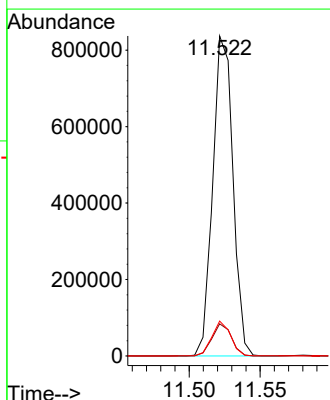
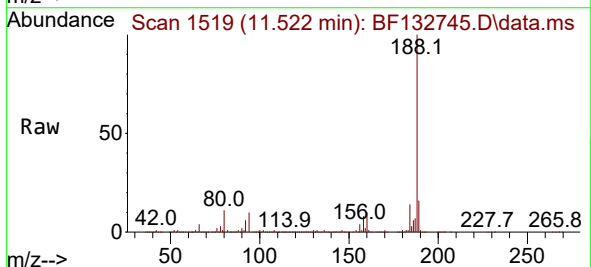
Manual Integrations
APPROVED

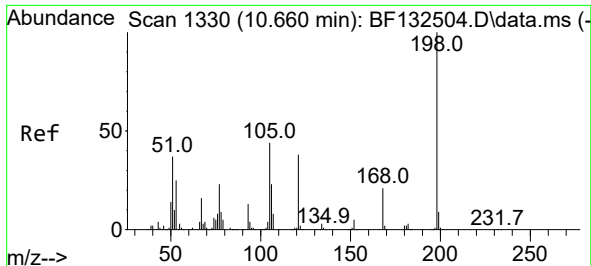
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

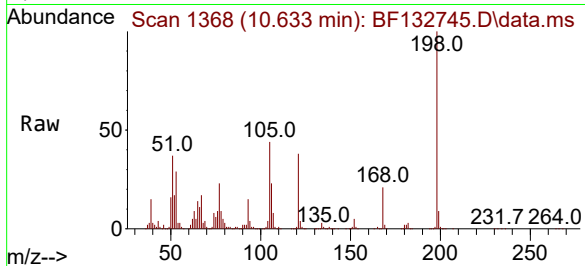
Tgt Ion:188 Resp: 825874
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.9 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 42.731 ng
RT: 10.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

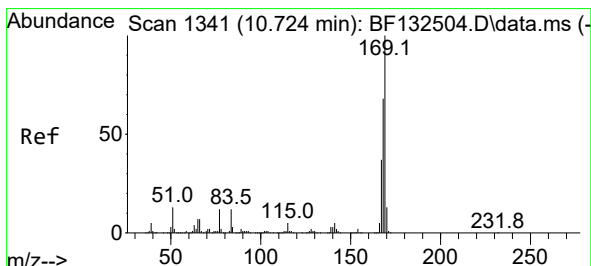
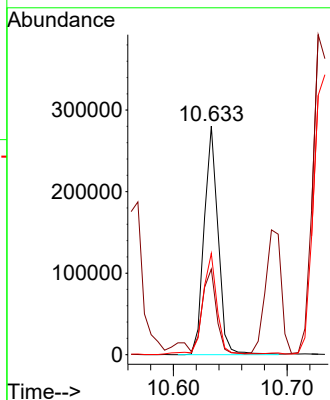
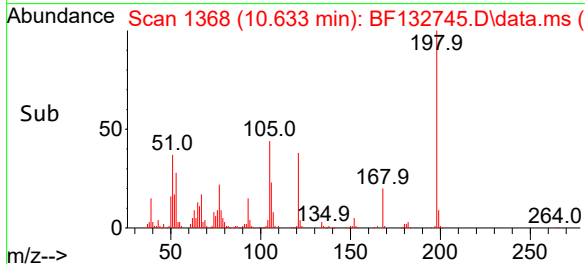
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



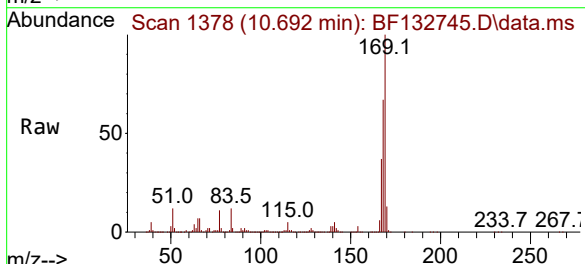
Tgt Ion:198 Resp: 23889
Ion Ratio Lower Upper
198 100
51 37.5 20.6 60.6
105 44.3 24.3 64.3

Manual Integrations
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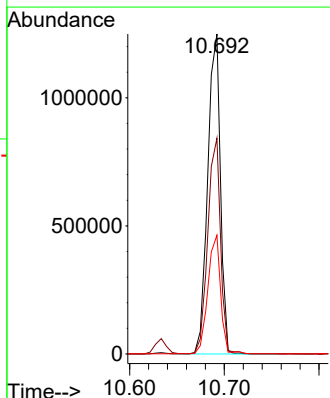
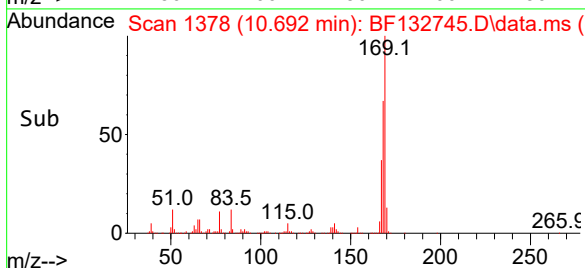
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

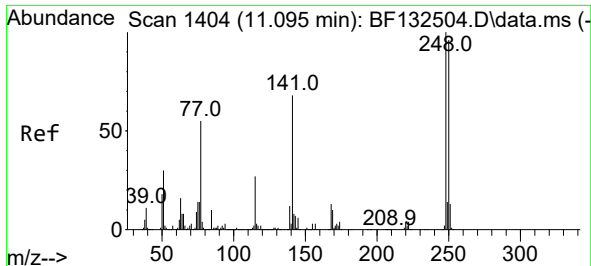


#66
n-Nitrosodiphenylamine
Concen: 45.020 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



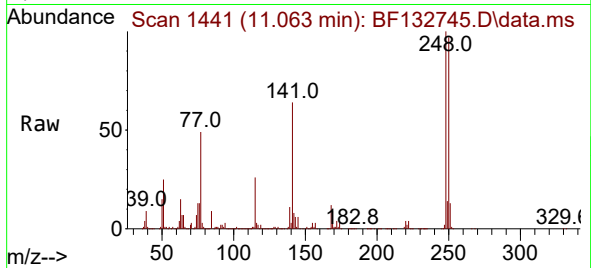
Tgt Ion:169 Resp: 1159146
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 37.1 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.132 ng
RT: 11.063 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

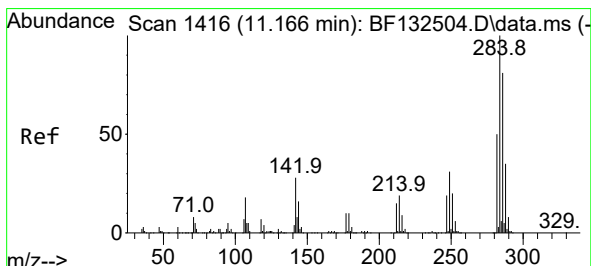
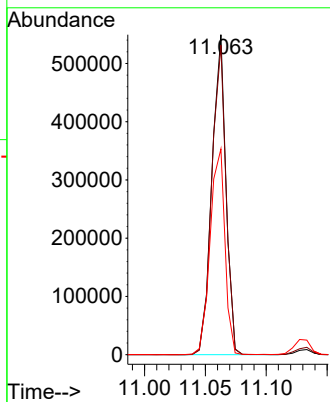
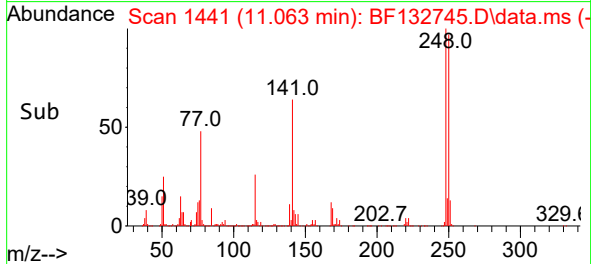
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



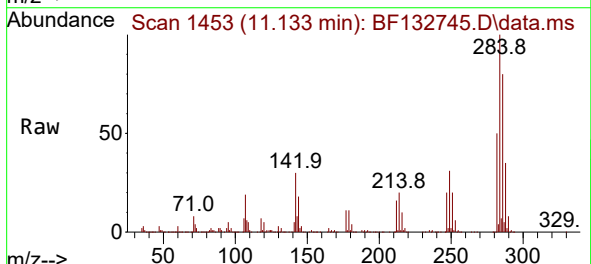
Tgt Ion:248 Resp: 440295
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.4
141 64.3 54.2 81.2

Manual Integrations
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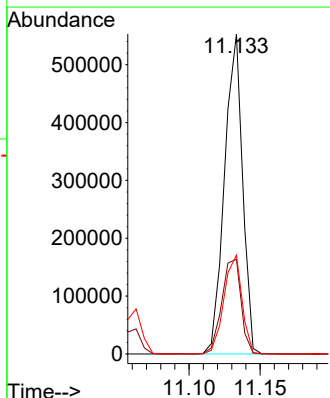
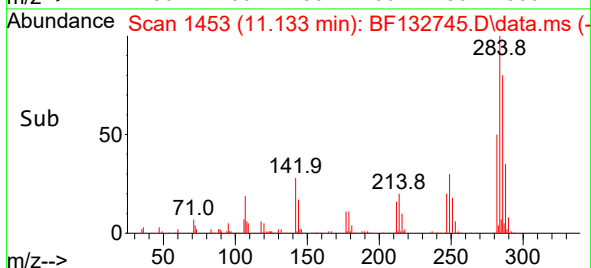
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

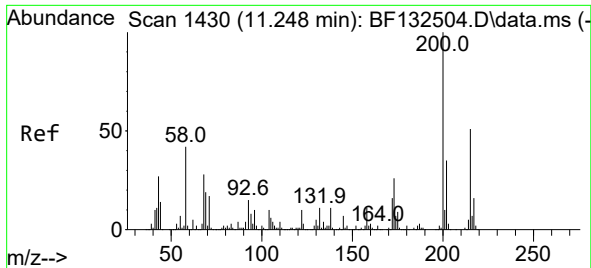


#68
Hexachlorobenzene
Concen: 49.483 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



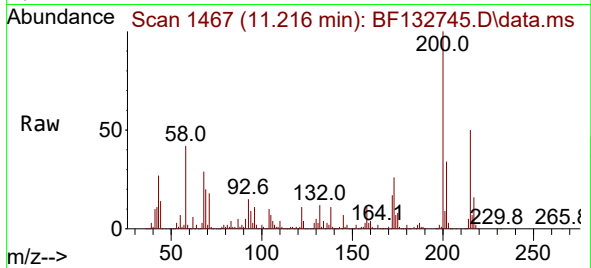
Tgt Ion:284 Resp: 486411
Ion Ratio Lower Upper
284 100
142 29.6 22.2 33.4
249 30.9 24.9 37.3





#69
 Atrazine
 Concen: 49.676 ng
 RT: 11.216 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: BF132745.D
 Acq: 10 Mar 2023 17:07

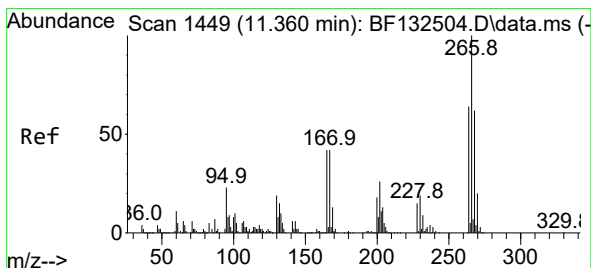
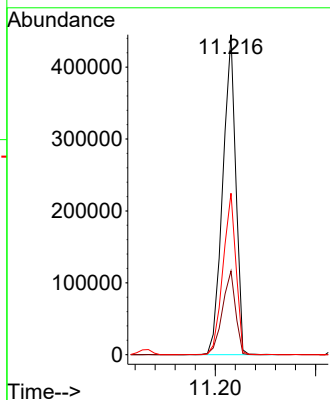
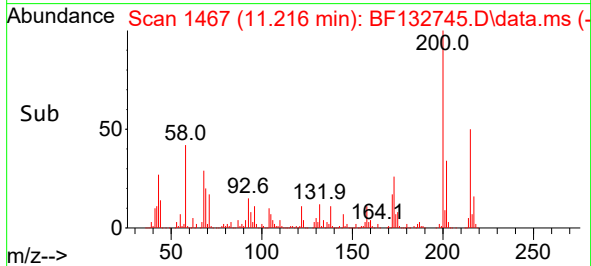
Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2MSD



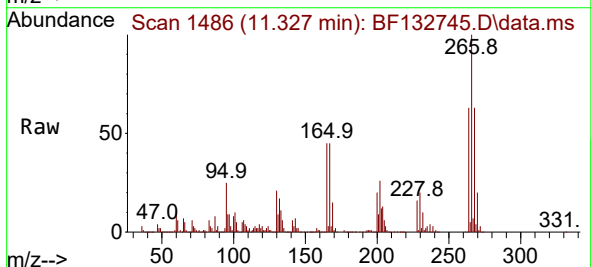
Tgt Ion:200 Resp: 399295
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.4 46.4
 215 50.5 31.0 71.0

Manual Integrations
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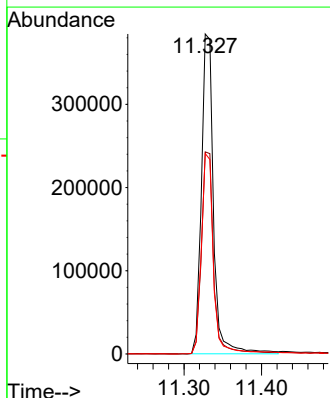
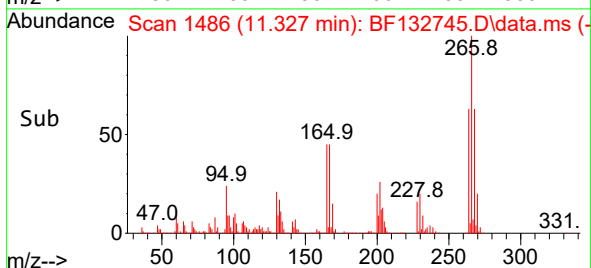
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

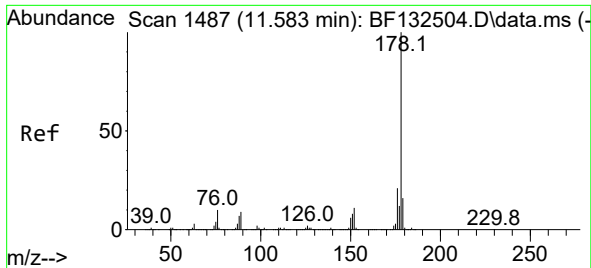


#70
 Pentachlorophenol
 Concen: 71.353 ng
 RT: 11.327 min Scan# 1486
 Delta R.T. -0.006 min
 Lab File: BF132745.D
 Acq: 10 Mar 2023 17:07



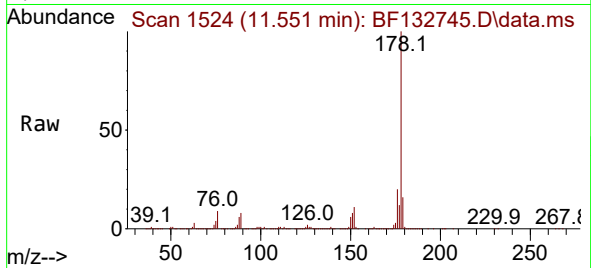
Tgt Ion:266 Resp: 417304
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.8 74.6
 264 62.6 50.9 76.3





#71
Phenanthrene
Concen: 42.407 ng
RT: 11.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

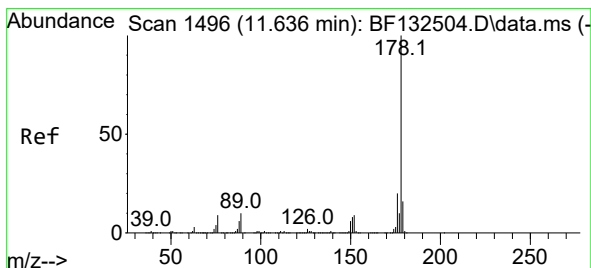
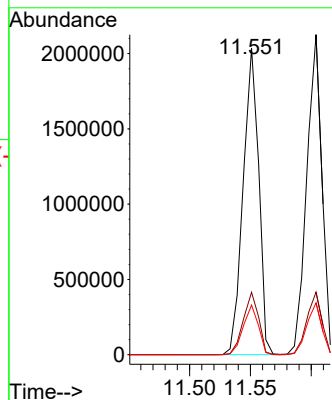
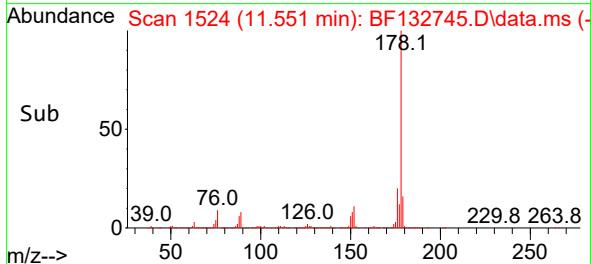
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



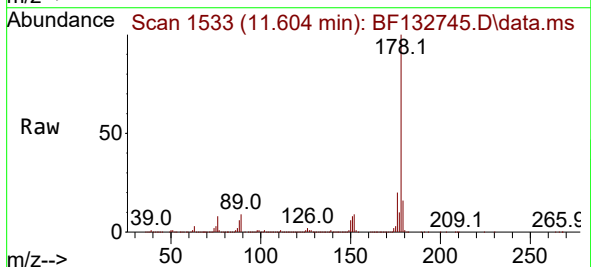
Tgt Ion:178 Resp: 181434
Ion Ratio Lower Upper
178 100
176 20.4 16.5 24.7
179 16.2 13.0 19.6

Manual Integrations
APPROVED

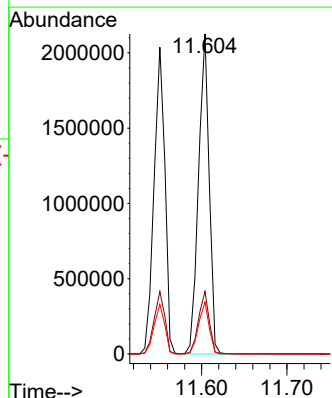
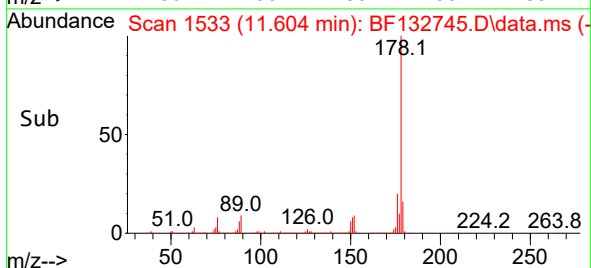
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

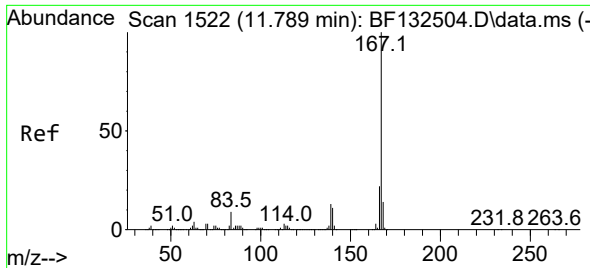


#72
Anthracene
Concen: 42.026 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



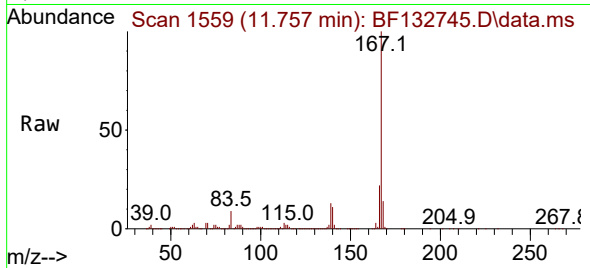
Tgt Ion:178 Resp: 1851578
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.2 12.5 18.7





#73
 Carbazole
 Concen: 38.756 ng
 RT: 11.757 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132745.D
 Acq: 10 Mar 2023 17:07

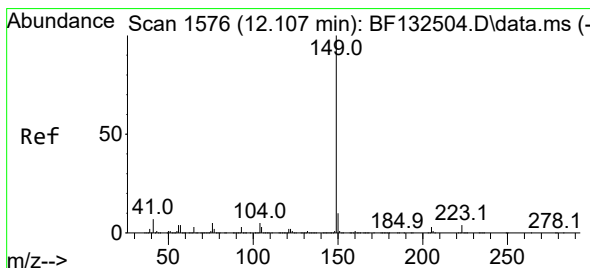
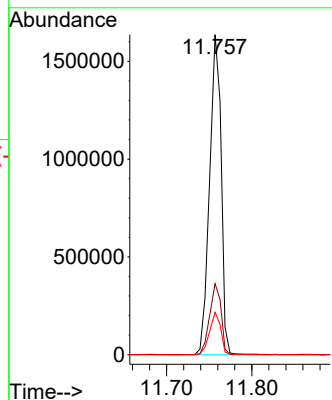
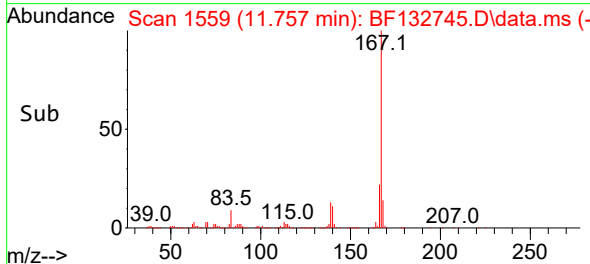
Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2MSD



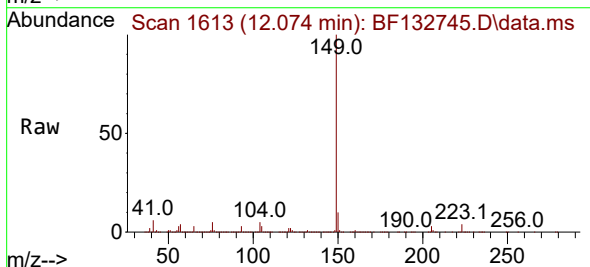
Tgt Ion:167 Resp: 1539514
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.3 10.5 15.7

Manual Integrations
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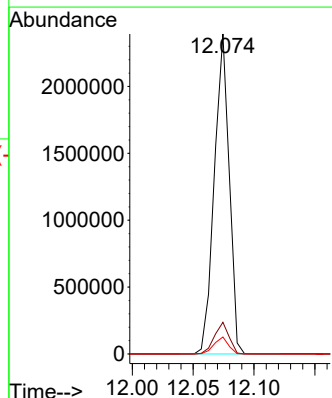
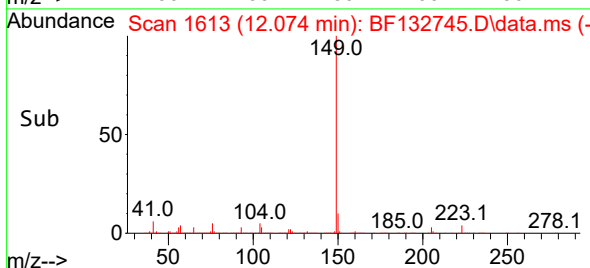
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

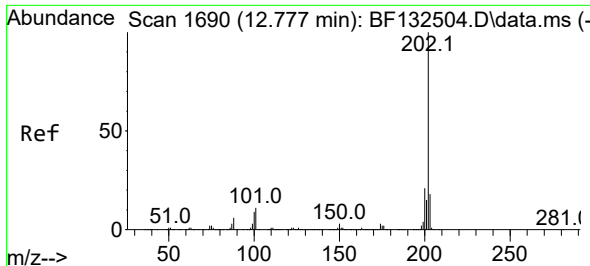


#74
 Di-n-butylphthalate
 Concen: 43.714 ng
 RT: 12.074 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF132745.D
 Acq: 10 Mar 2023 17:07



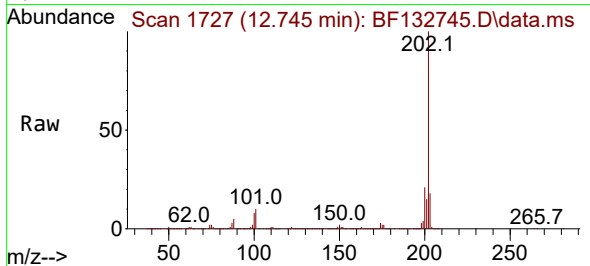
Tgt Ion:149 Resp: 2036879
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 36.771 ng
RT: 12.745 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

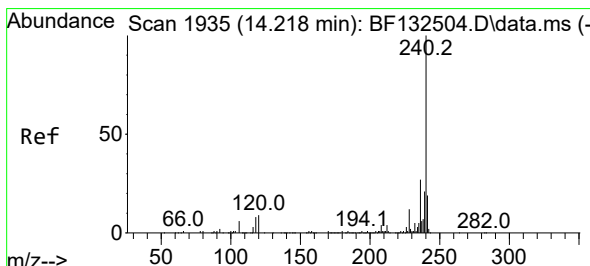
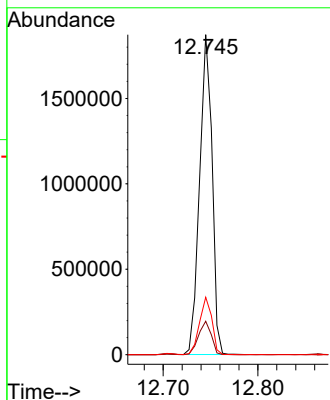
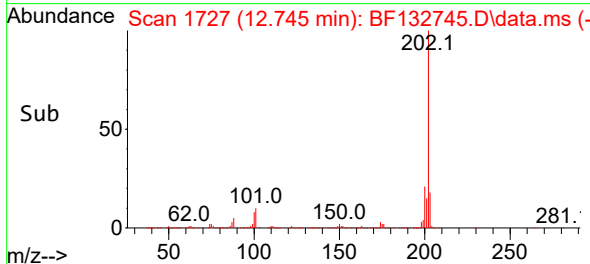
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



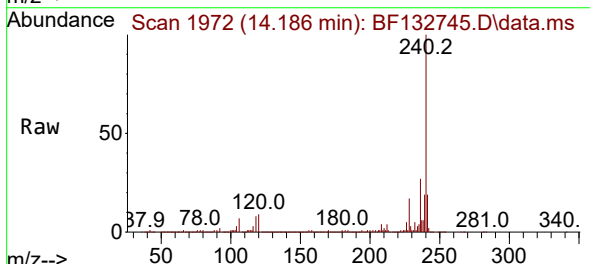
Tgt Ion:202 Resp: 1719864
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.0 0.0 38.0

Manual Integrations
APPROVED

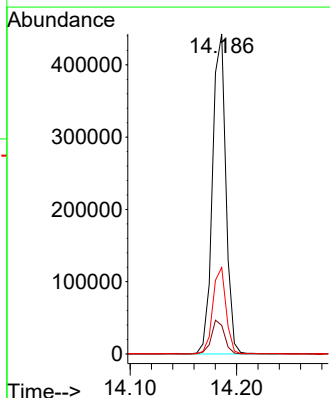
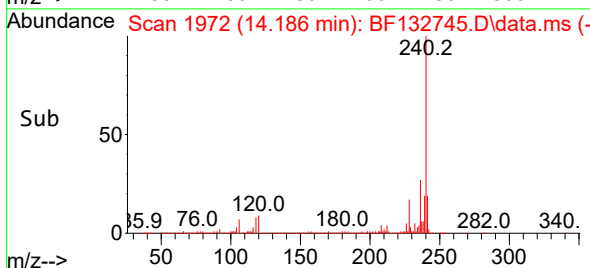
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

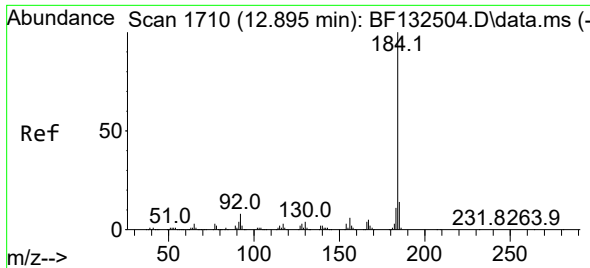


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



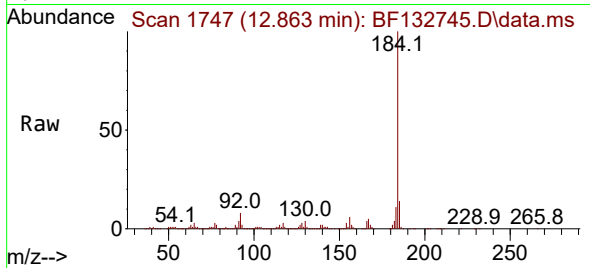
Tgt Ion:240 Resp: 386377
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 27.0 21.8 32.6





#77
Benzidine
Concen: 58.459 ng
RT: 12.863 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

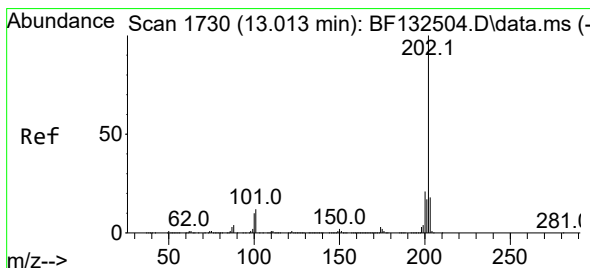
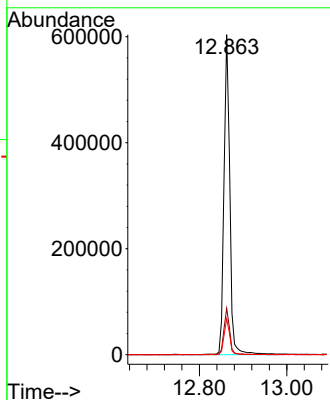
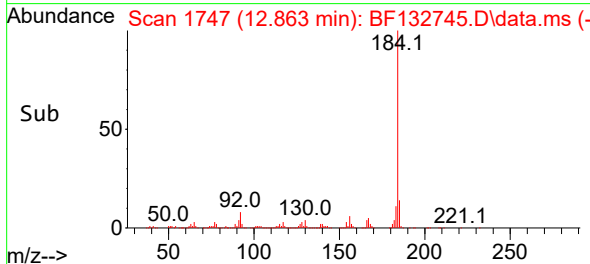
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



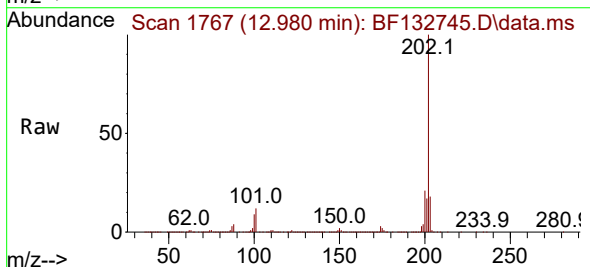
Tgt Ion:184 Resp: 549840
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.7 13.1

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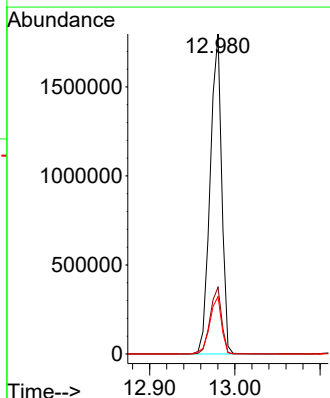
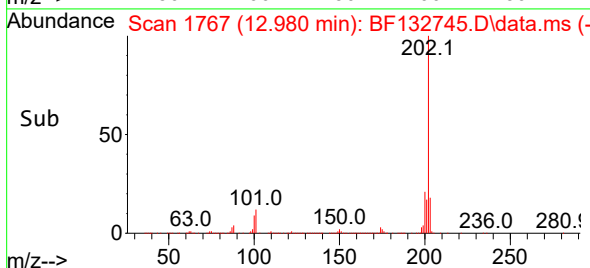
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

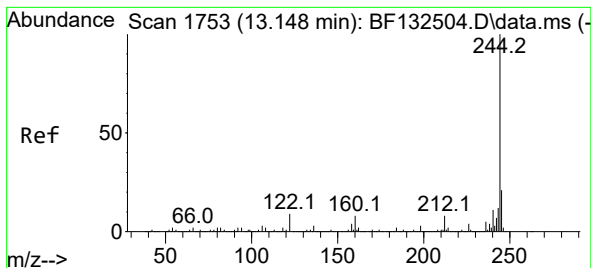


#78
Pyrene
Concen: 48.136 ng
RT: 12.980 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07



Tgt Ion:202 Resp: 1690942
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.9 14.6 21.8





#79

Terphenyl-d14

Concen: 82.825 ng

RT: 13.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132745.D

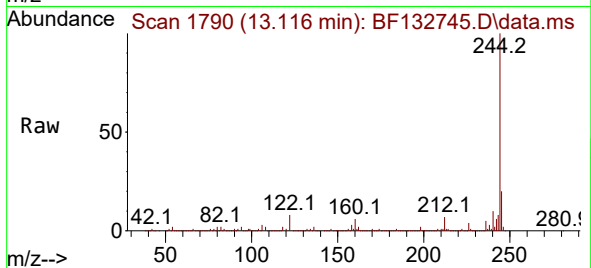
Acq: 10 Mar 2023 17:07

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MSD



Tgt Ion:244 Resp: 1892760

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

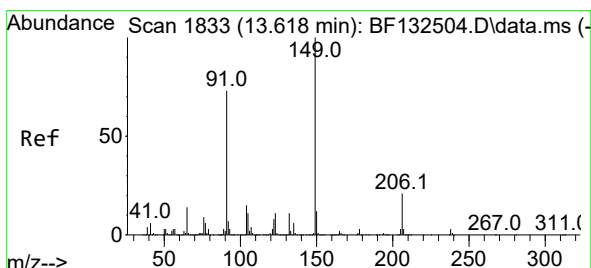
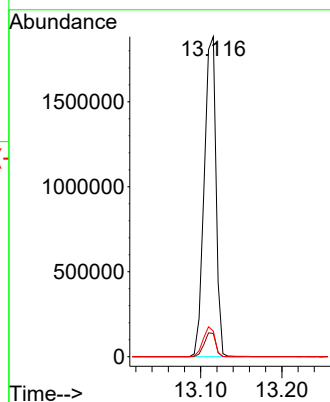
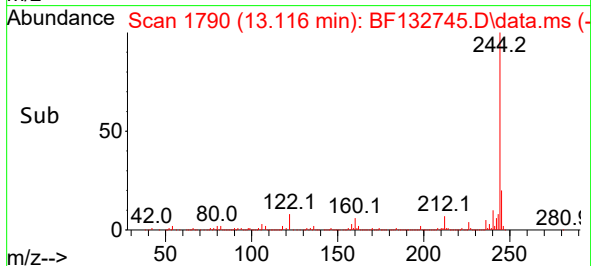
122 8.0 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#80

Butylbenzylphthalate

Concen: 47.847 ng

RT: 13.586 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

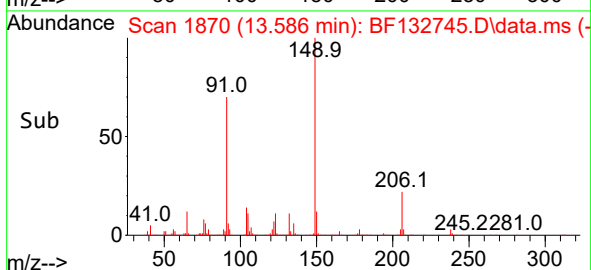
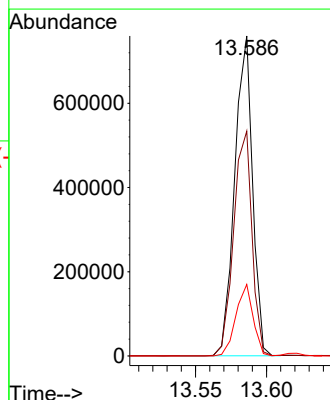
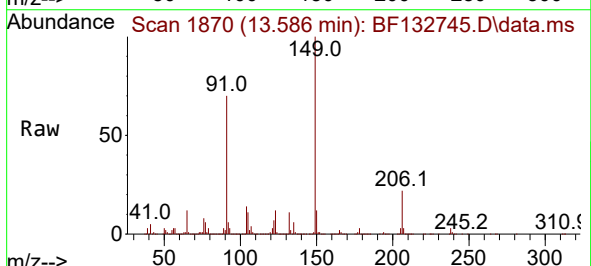
Tgt Ion:149 Resp: 663274

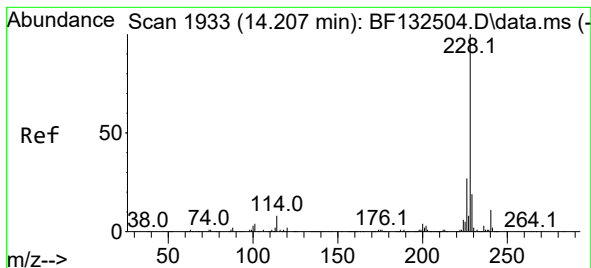
Ion Ratio Lower Upper

149 100

91 70.2 58.4 87.6

206 22.3 16.8 25.2





#81

Benzo(a)anthracene

Concen: 44.474 ng

RT: 14.174 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF132745.D

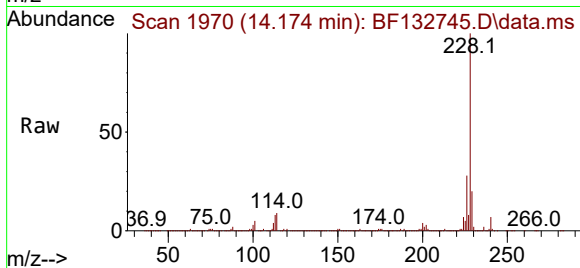
Acq: 10 Mar 2023 17:07

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MSD



Tgt Ion:228 Resp: 128573

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

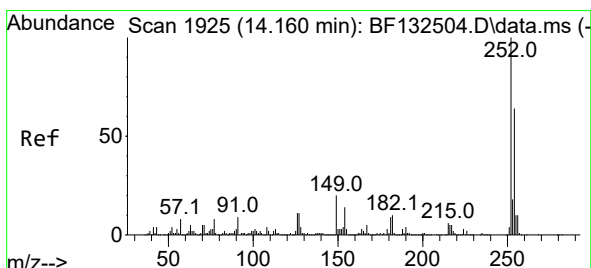
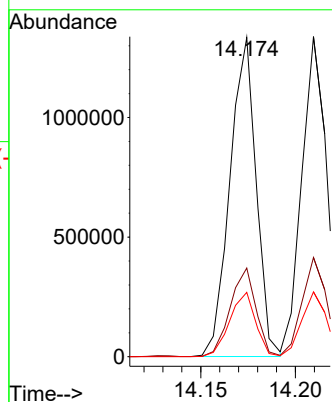
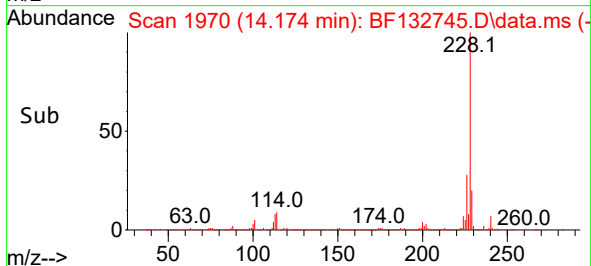
229 20.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#82

3,3'-Dichlorobenzidine

Concen: 25.796 ng

RT: 14.127 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

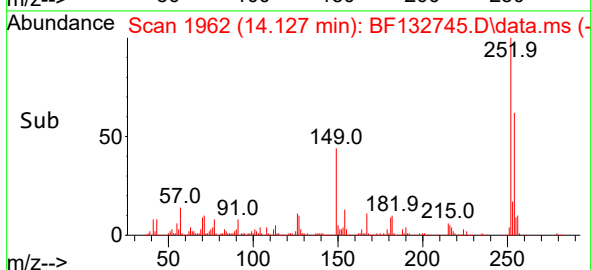
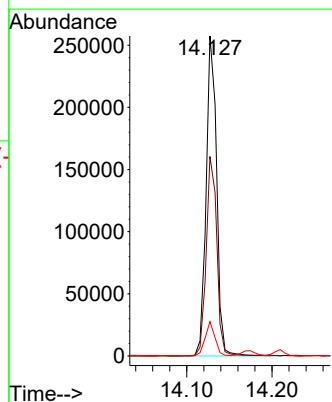
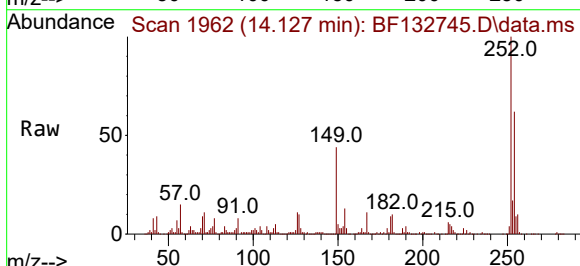
Tgt Ion:252 Resp: 219864

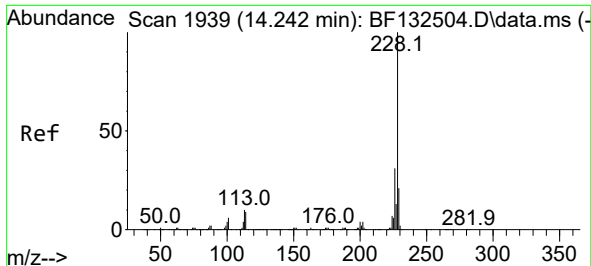
Ion Ratio Lower Upper

252 100

254 62.3 51.4 77.2

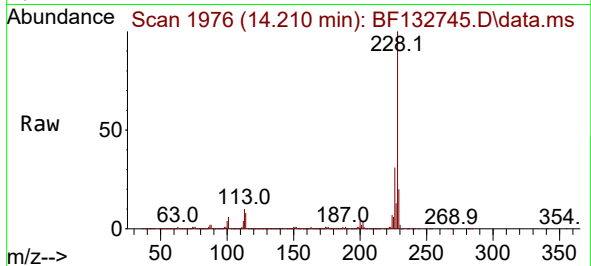
126 10.7 8.9 13.3





#83
Chrysene
Concen: 44.318 ng
RT: 14.210 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

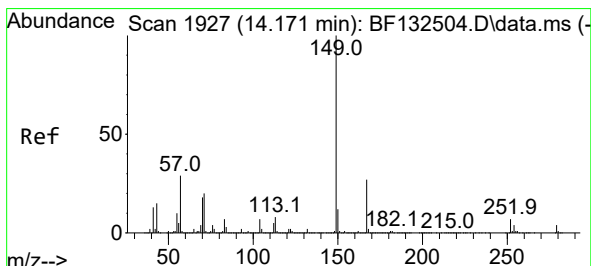
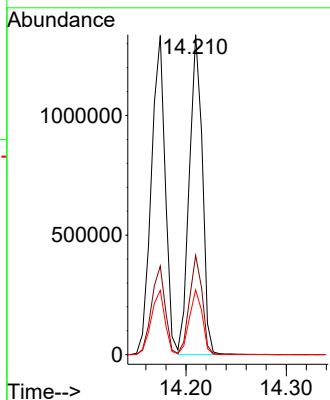
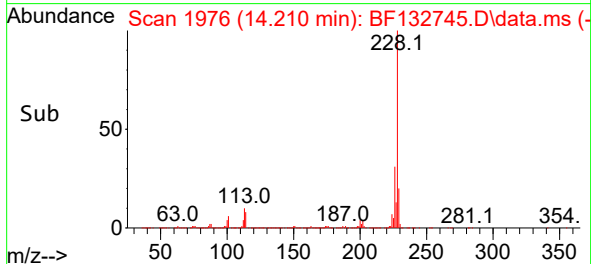
Instrument : BNA_F
ClientSampleId : 20230163-COMPOSITE-2MSD



Tgt Ion:228 Resp: 1198083
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.3 16.4 24.6

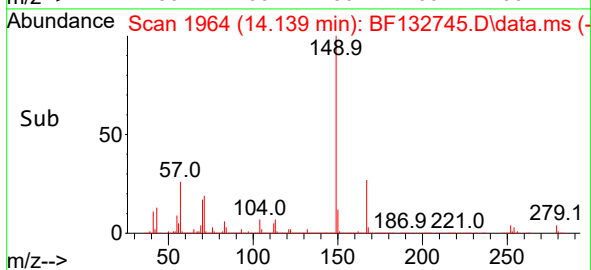
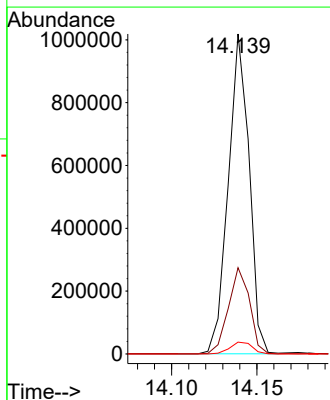
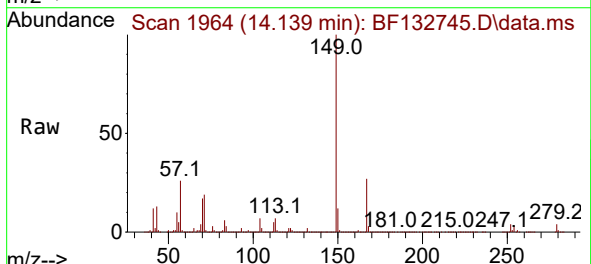
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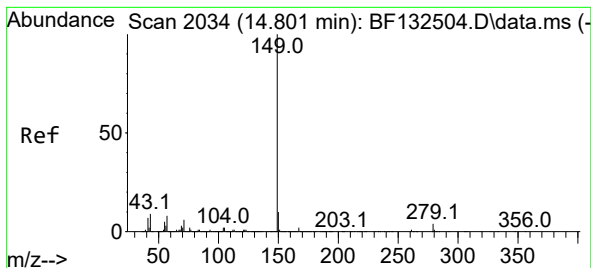
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.944 ng
RT: 14.139 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Tgt Ion:149 Resp: 867538
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.6
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 58.672 ng

RT: 14.762 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132745.D

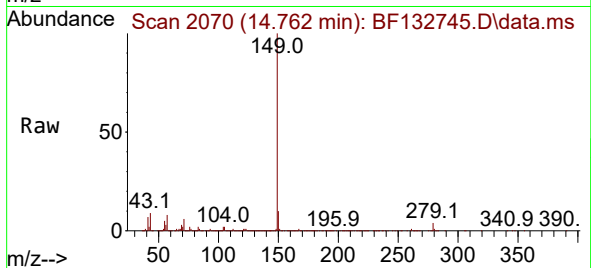
Acq: 10 Mar 2023 17:07

Instrument :

BNA_F

ClientSampleId :

20230163-COMPOSITE-2MSD



Tgt Ion:149 Resp: 1460038

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

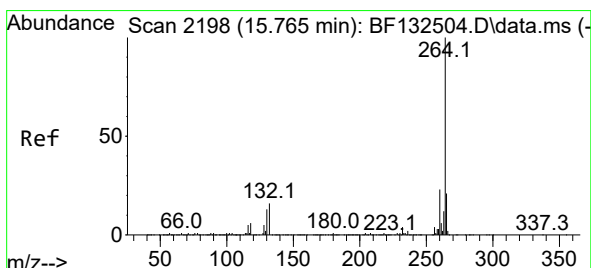
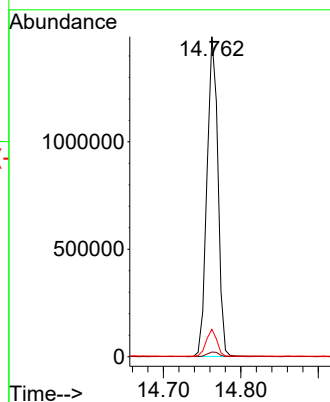
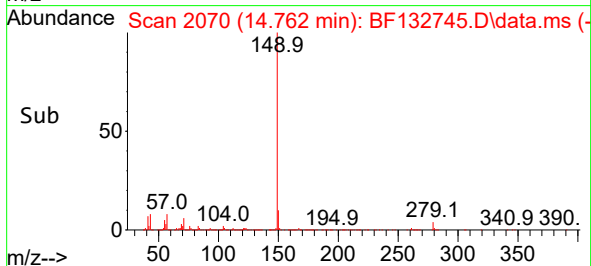
43 8.1 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132745.D

Acq: 10 Mar 2023 17:07

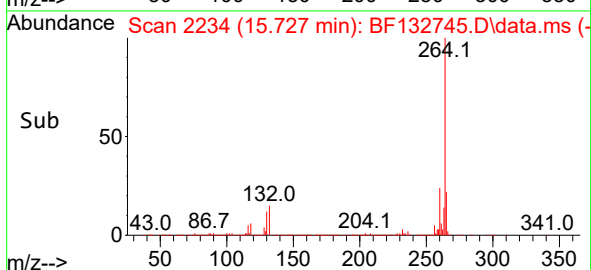
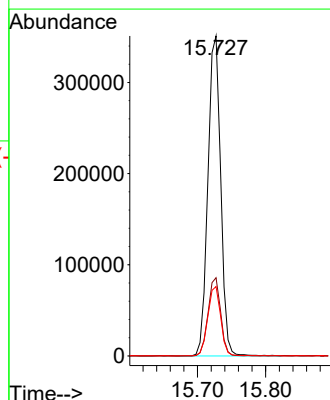
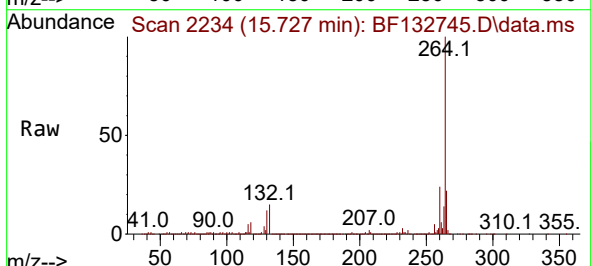
Tgt Ion:264 Resp: 458511

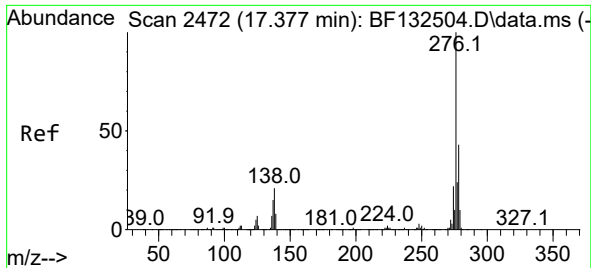
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

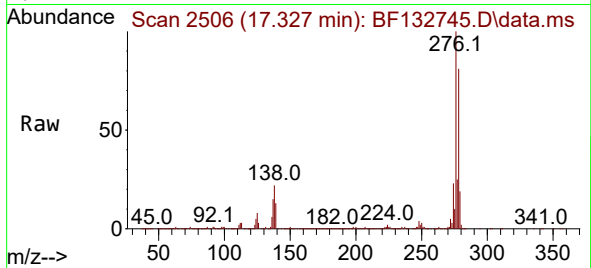
265 21.7 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.157 ng
 RT: 17.327 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: BF132745.D
 Acq: 10 Mar 2023 17:07

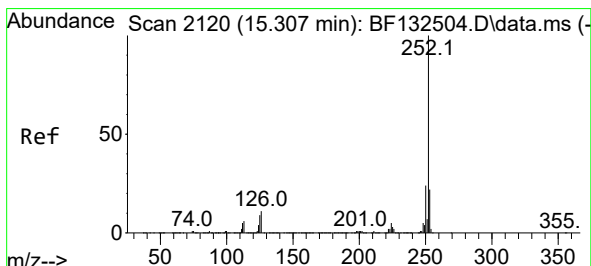
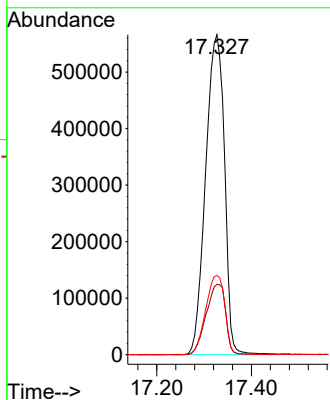
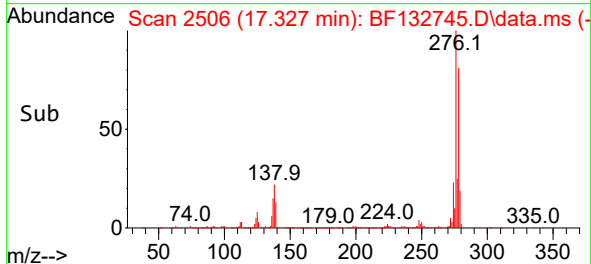
Instrument :
 BNA_F
 ClientSampleId :
 20230163-COMPOSITE-2MSD



Tgt Ion: 276 Resp: 156700
 Ion Ratio Lower Upper
 276 100
 138 22.6 19.0 28.4
 277 25.2 20.0 30.0

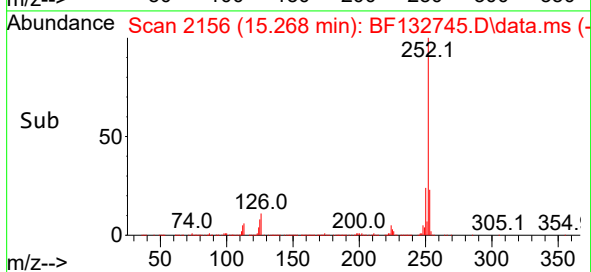
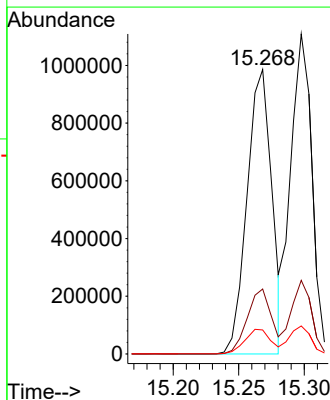
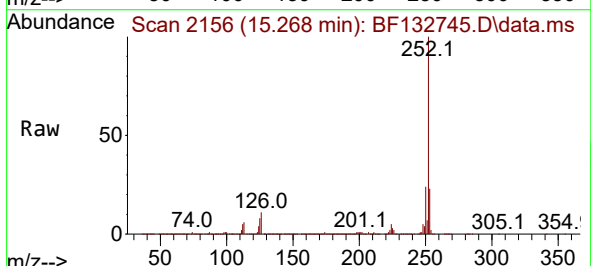
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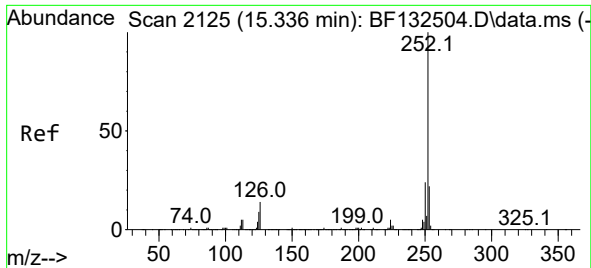
Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023



#88
 Benzo(b)fluoranthene
 Concen: 42.058 ng
 RT: 15.268 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: BF132745.D
 Acq: 10 Mar 2023 17:07

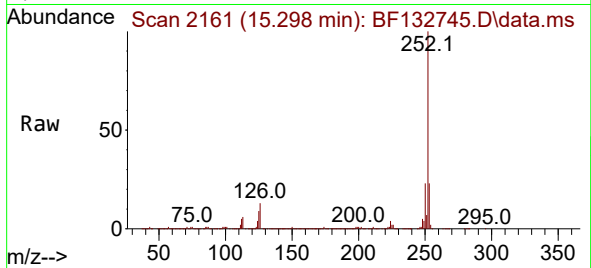
Tgt Ion: 252 Resp: 1292336
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.0
 125 8.5 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 41.676 ng
RT: 15.298 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

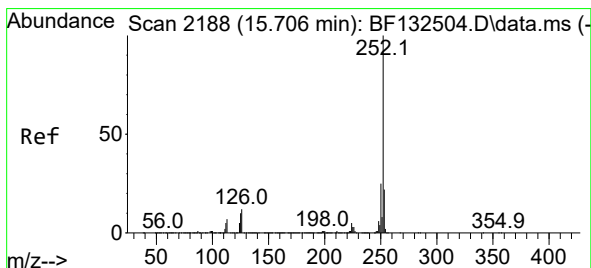
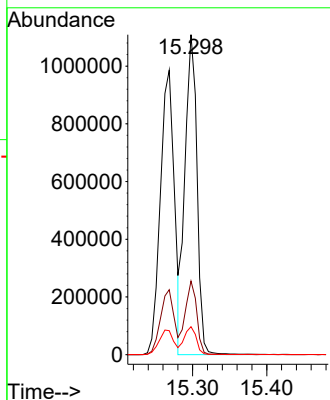
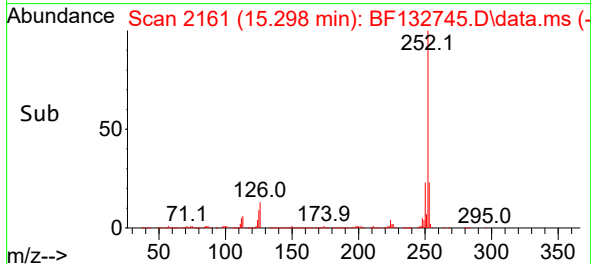
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:252 Resp: 125328
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 8.8 7.2 10.8

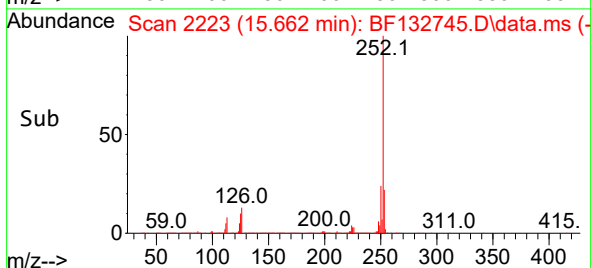
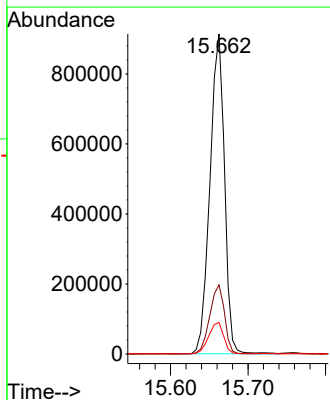
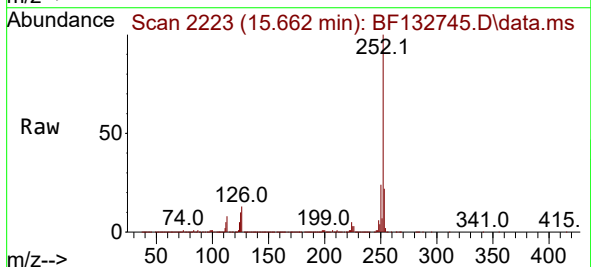
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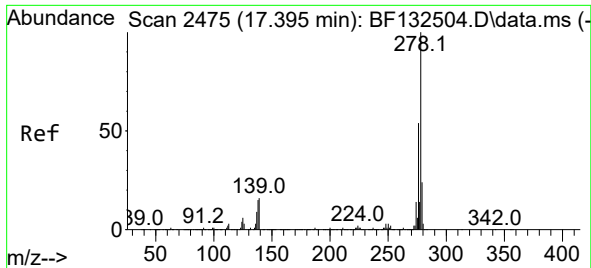
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#90
Benzo(a)pyrene
Concen: 41.472 ng
RT: 15.662 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

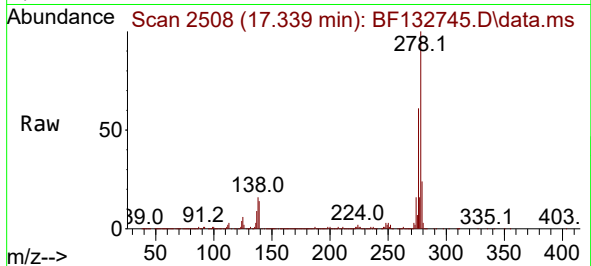
Tgt Ion:252 Resp: 1192662
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.8 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 52.462 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

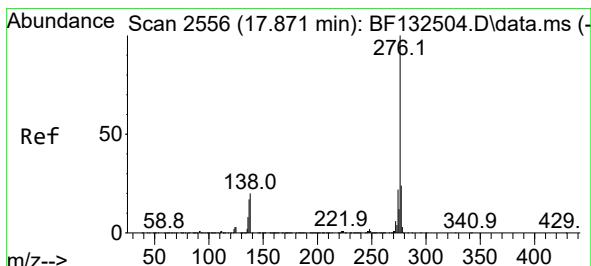
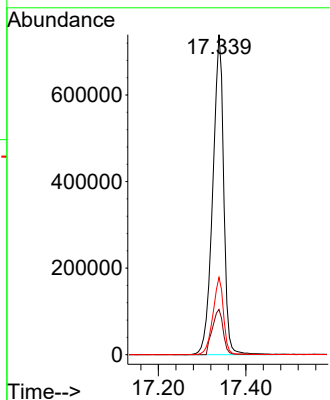
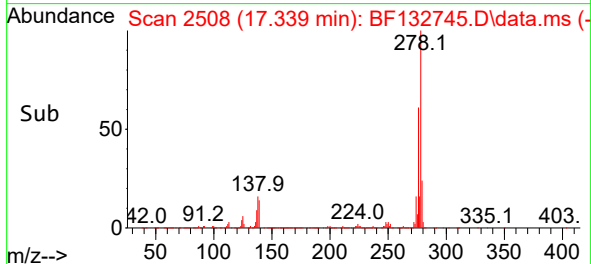
Instrument :
BNA_F
ClientSampleId :
20230163-COMPOSITE-2MSD



Tgt Ion:278 Resp: 128419
Ion Ratio Lower Upper
278 100
139 14.1 13.0 19.4
279 24.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#92
Benzo(g,h,i)perylene
Concen: 45.907 ng
RT: 17.809 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF132745.D
Acq: 10 Mar 2023 17:07

Tgt Ion:276 Resp: 1267930
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 20.1 16.2 24.4

