

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132675.D
 Acq On : 07 Mar 2023 13:21
 Operator : CG\JU
 Sample : PB151231BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151231BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 04:38:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.993	152	280309	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	1062320	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	570737	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	1103681	20.000	ng	0.00
76) Chrysene-d12	14.198	240	630221	20.000	ng	0.00
86) Perylene-d12	15.745	264	603604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1590454	92.086	ng	0.02
7) Phenol-d6	6.634	99	2098439	93.096	ng	0.01
23) Nitrobenzene-d5	7.563	82	1416853	63.278	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	594345	96.426	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	2163289	57.714	ng	0.00
79) Terphenyl-d14	13.127	244	2503510	67.164	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.952	88	299042	31.301	ng	97
3) Pyridine	3.704	79	767557	30.267	ng	94
4) n-Nitrosodimethylamine	3.681	42	364280	38.029	ng	88
6) Aniline	6.657	93	1204388	39.704	ng	98
8) 2-Chlorophenol	6.787	128	743081	41.454	ng	97
9) Benzaldehyde	6.545	77	448281	36.856	ng	98
10) Phenol	6.645	94	1000988	38.734	ng	91
11) bis(2-Chloroethyl)ether	6.728	93	857841	43.000	ng	97
12) 1,3-Dichlorobenzene	6.934	146	783583	40.735	ng	99
13) 1,4-Dichlorobenzene	7.010	146	778375	40.524	ng	99
14) 1,2-Dichlorobenzene	7.163	146	712598	38.657	ng	98
15) Benzyl Alcohol	7.140	79	721203	41.545	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.263	45	1015069	39.900	ng	96
17) 2-Methylphenol	7.245	107	672295	40.186	ng	98
18) Hexachloroethane	7.504	117	314818	41.953	ng	97
19) n-Nitroso-di-n-propyla...	7.416	70	532683	38.399	ng	92
20) 3+4-Methylphenols	7.404	107	722953	33.449	ng	91
22) Acetophenone	7.410	105	1019320	38.053	ng	# 87
24) Nitrobenzene	7.587	77	940408	39.271	ng	98
25) Isophorone	7.816	82	1819517	42.385	ng	99
26) 2-Nitrophenol	7.898	139	451155	42.700	ng	94
27) 2,4-Dimethylphenol	7.934	122	687671	41.238	ng	99
28) bis(2-Chloroethoxy)met...	8.022	93	1020107	40.621	ng	100
29) 2,4-Dichlorophenol	8.140	162	668888	40.323	ng	99
30) 1,2,4-Trichlorobenzene	8.216	180	739362	41.047	ng	98
31) Naphthalene	8.304	128	2036413	37.445	ng	99
32) Benzoic acid	8.087	122	614217	46.842	ng	96
33) 4-Chloroaniline	8.345	127	491380m	21.085	ng	
34) Hexachlorobutadiene	8.410	225	472445	41.276	ng	99
35) Caprolactam	8.751	113	275307m	50.342	ng	
36) 4-Chloro-3-methylphenol	8.834	107	761269	41.788	ng	98
37) 2-Methylnaphthalene	8.992	142	1380796	37.256	ng	100
38) 1-Methylnaphthalene	9.092	142	1287245	37.165	ng	99
40) 1,2,4,5-Tetrachloroben...	9.163	216	745148	39.905	ng	99
41) Hexachlorocyclopentadiene	9.145	237	867575	85.660	ng	99
43) 2,4,6-Trichlorophenol	9.275	196	519851	41.080	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	568127	38.465	ng	99
46) 1,1'-Biphenyl	9.463	154	1632512	37.791	ng	98
47) 2-Chloronaphthalene	9.486	162	1348396	39.370	ng	99
48) 2-Nitroaniline	9.586	65	477427	37.849	ng	92
49) Acenaphthylene	9.904	152	2013921	36.947	ng	100
50) Dimethylphthalate	9.763	163	1733091	41.704	ng	100
51) 2,6-Dinitrotoluene	9.828	165	386041	40.790	ng	98
52) Acenaphthene	10.081	154	1494255m	43.171	ng	
53) 3-Nitroaniline	9.998	138	319200	30.151	ng	99
54) 2,4-Dinitrophenol	10.110	184	492699	82.553	ng	96
55) Dibenzofuran	10.251	168	1827536	36.218	ng	97
56) 4-Nitrophenol	10.169	139	594801	75.336	ng	95
57) 2,4-Dinitrotoluene	10.239	165	496965	39.470	ng	99
58) Fluorene	10.598	166	1428896	37.021	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.369	232	471347	42.961	ng	99
60) Diethylphthalate	10.463	149	1585127	39.056	ng	100
61) 4-Chlorophenyl-phenyle...	10.581	204	754365	37.676	ng	100
62) 4-Nitroaniline	10.628	138	423803	40.781	ng	97
63) Azobenzene	10.745	77	1585171	36.878	ng	100
65) 4,6-Dinitro-2-methylph...	10.651	198	315399	42.214	ng	94
66) n-Nitrosodiphenylamine	10.704	169	1307625	38.003	ng	99
67) 4-Bromophenyl-phenylether	11.075	248	502179	40.225	ng	99
68) Hexachlorobenzene	11.145	284	564395	42.964	ng	95
69) Atrazine	11.233	200	474945	44.215	ng	98
70) Pentachlorophenol	11.345	266	580415	74.262	ng	98
71) Phenanthrene	11.569	178	2113758	36.969	ng	100
72) Anthracene	11.622	178	2198839	37.346	ng	100
73) Carbazole	11.775	167	2009968	37.863	ng	100
74) Di-n-butylphthalate	12.086	149	2384896	38.300	ng	99
75) Fluoranthene	12.763	202	2319132	37.103	ng	98
77) Benzidine	12.880	184	1178252	76.802	ng	99
78) Pyrene	12.992	202	2358084	41.155	ng	99
80) Butylbenzylphthalate	13.598	149	953936	42.189	ng	100
81) Benzo(a)anthracene	14.186	228	1896000	40.208	ng	97
82) 3,3'-Dichlorobenzidine	14.145	252	416586	29.966	ng	# 98
83) Chrysene	14.227	228	1747522	39.631	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	1159274	41.736	ng	99
85) Di-n-octyl phthalate	14.780	149	1792300	44.156	ng	98
87) Indeno(1,2,3-cd)pyrene	17.345	276	1705963	43.133	ng	98
88) Benzo(b)fluoranthene	15.280	252	1721047	42.547	ng	98
89) Benzo(k)fluoranthene	15.316	252	1523357	38.480	ng	99
90) Benzo(a)pyrene	15.680	252	1462276	38.625	ng	99
91) Dibenzo(a,h)anthracene	17.362	278	1361525	42.251	ng	97
92) Benzo(g,h,i)perylene	17.839	276	1438966	39.798	ng	99

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

Manual Integrations

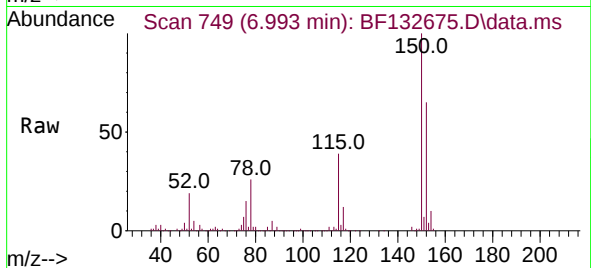
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.993 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

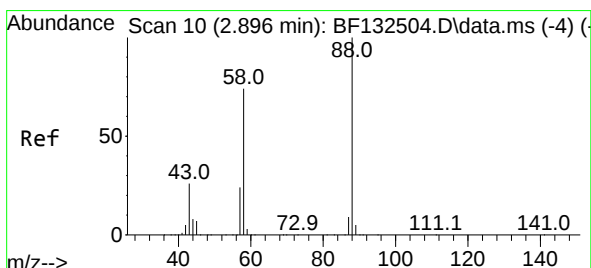
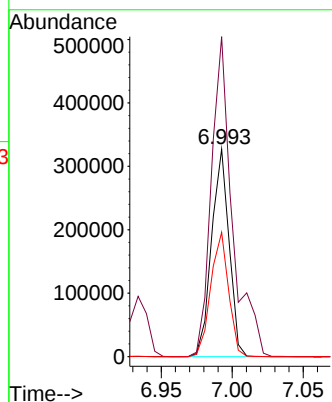
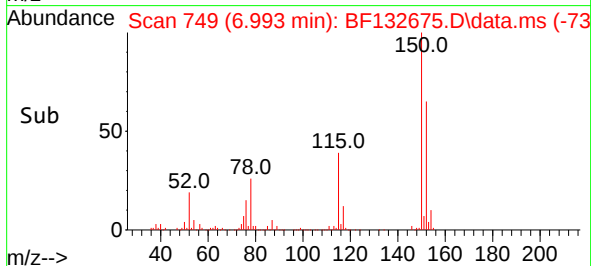
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:152 Resp: 280309
Ion Ratio Lower Upper
152 100
150 154.1 125.4 188.2
115 59.9 47.8 71.6

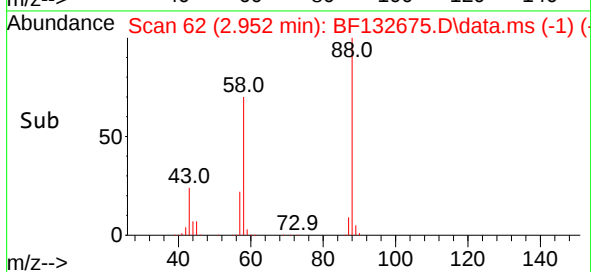
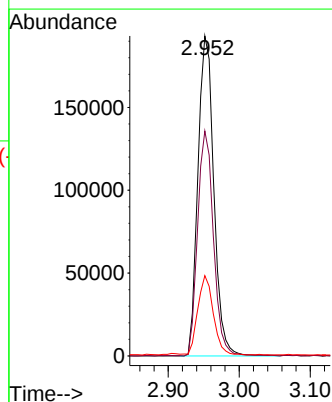
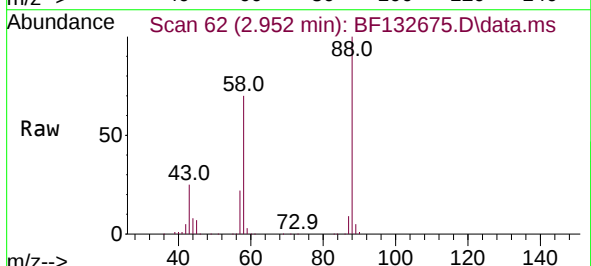
Manual Integrations
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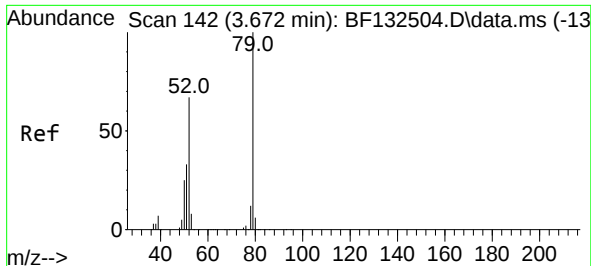
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#2
1,4-Dioxane
Concen: 31.301 ng
RT: 2.952 min Scan# 62
Delta R.T. 0.112 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

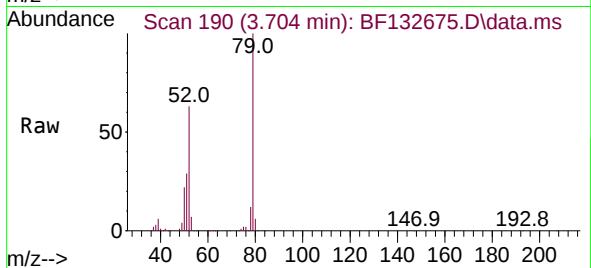
Tgt Ion: 88 Resp: 299042
Ion Ratio Lower Upper
88 100
58 70.1 58.3 87.5
43 24.2 20.7 31.1





#3
Pyridine
Concen: 30.267 ng
RT: 3.704 min Scan# 19
Delta R.T. 0.082 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

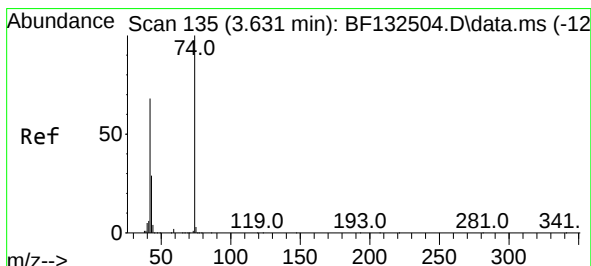
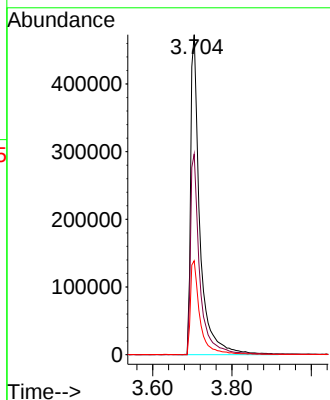
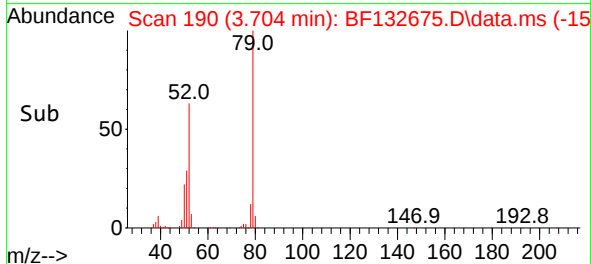
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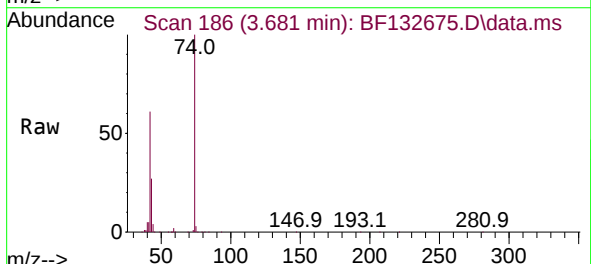
Tgt Ion: 79 Resp: 76755
Ion Ratio Lower Upper
79 100
52 62.7 53.7 80.5
51 29.3 26.6 40.0

Manual Integrations
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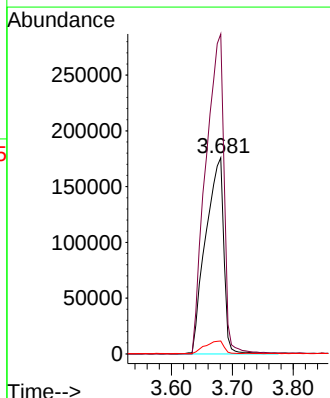
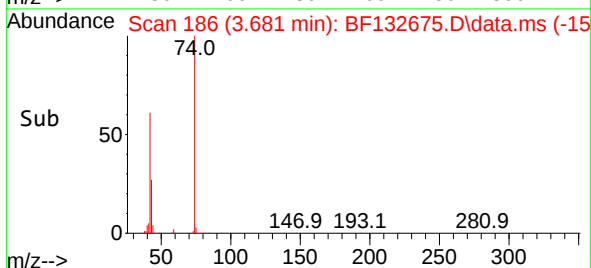
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#4
n-Nitrosodimethylamine
Concen: 38.029 ng
RT: 3.681 min Scan# 186
Delta R.T. 0.088 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



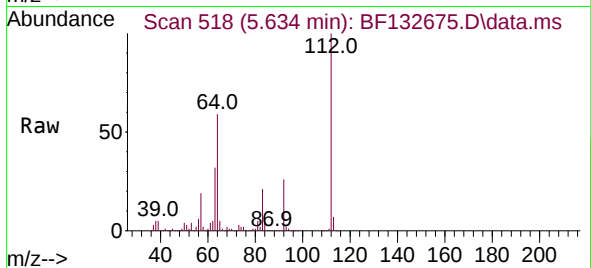
Tgt Ion: 42 Resp: 364280
Ion Ratio Lower Upper
42 100
74 163.2 118.2 177.2
44 6.5 5.3 7.9





#5
2-Fluorophenol
Concen: 92.086 ng
RT: 5.634 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

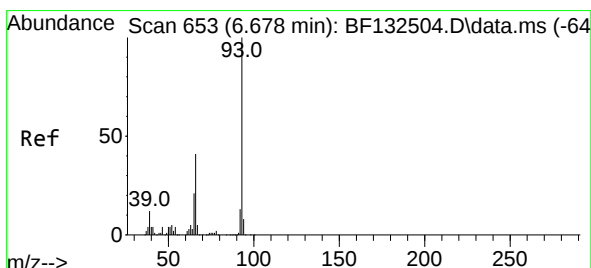
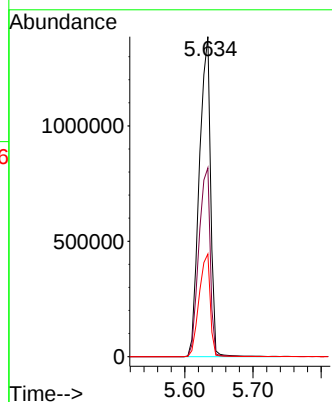
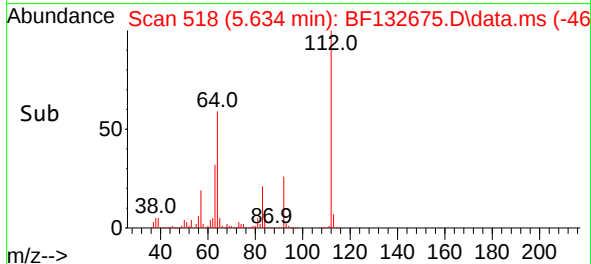
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion: 112 Resp: 1590454
Ion Ratio Lower Upper
112 100
64 59.0 51.6 77.4
63 32.1 27.4 41.2

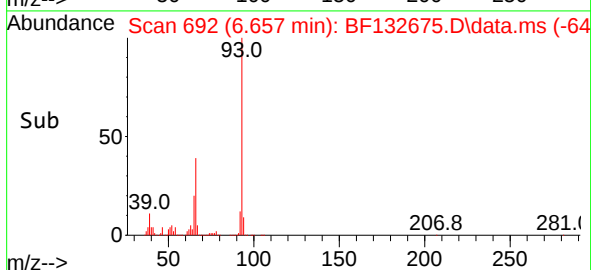
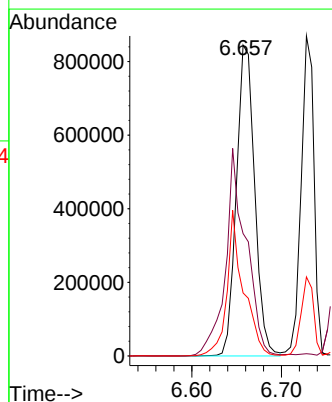
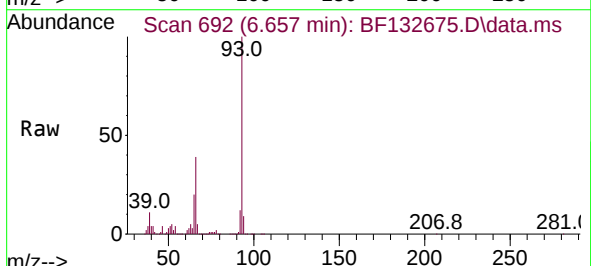
Manual Integrations
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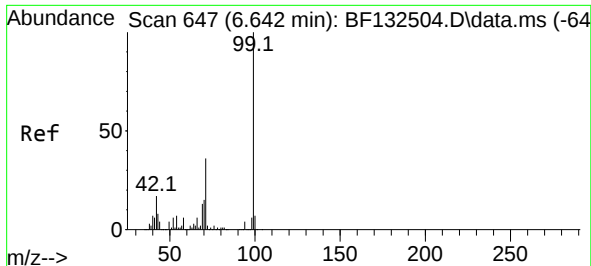
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#6
Aniline
Concen: 39.704 ng
RT: 6.657 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

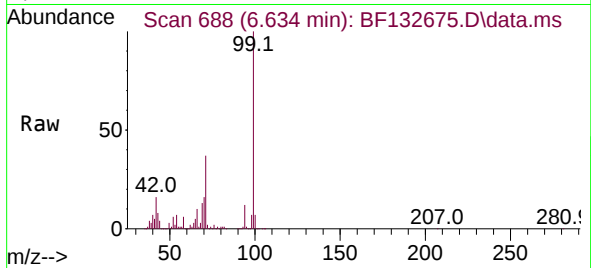
Tgt Ion: 93 Resp: 1204388
Ion Ratio Lower Upper
93 100
66 39.4 32.5 48.7
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 93.096 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.012 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

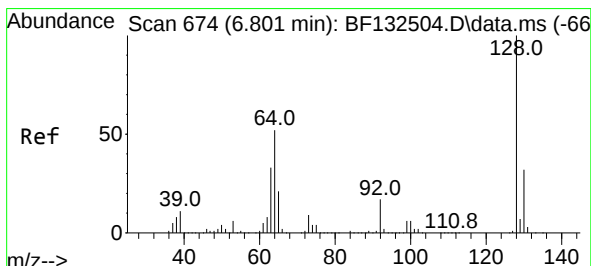
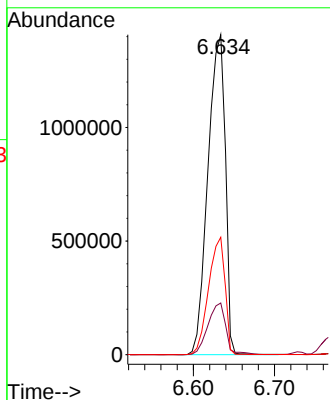
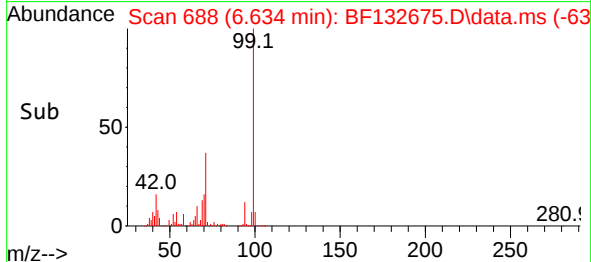
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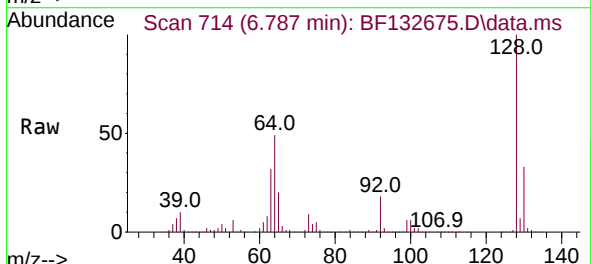
Tgt Ion: 99 Resp: 2098439
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 36.7 28.5 42.7

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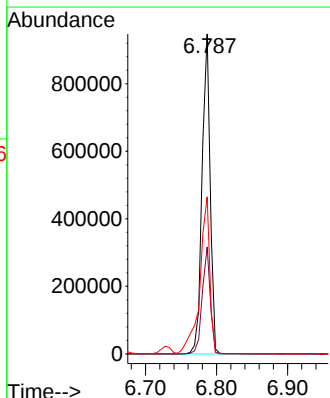
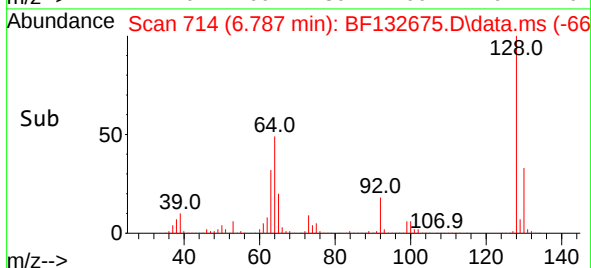
Reviewed By :Christian Giraldo 03/08/2023
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#8
2-Chlorophenol
Concen: 41.454 ng
RT: 6.787 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



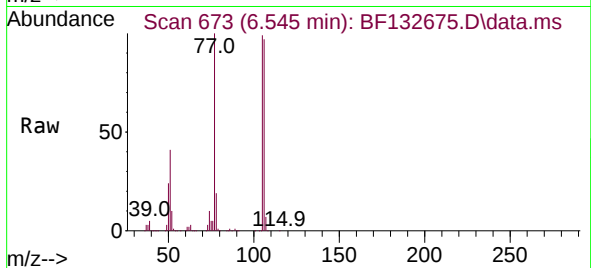
Tgt Ion:128 Resp: 743081
Ion Ratio Lower Upper
128 100
130 33.4 12.1 52.1
64 49.1 32.0 72.0





#9
Benzaldehyde
Concen: 36.856 ng
RT: 6.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

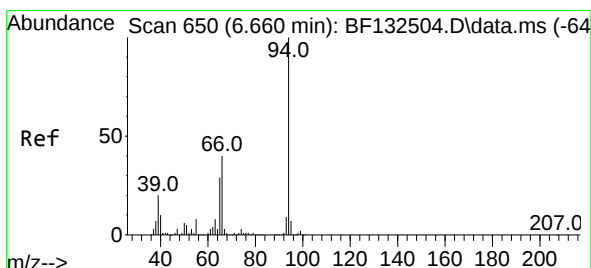
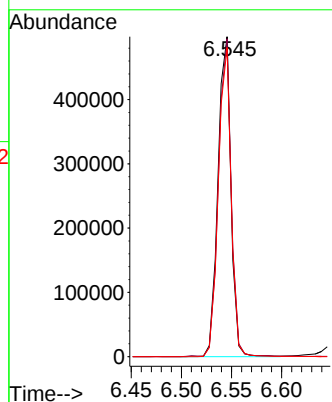
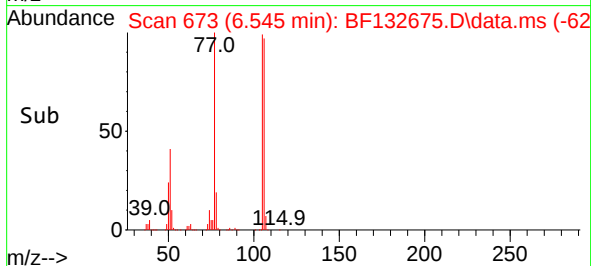
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion: 77 Resp: 448281
Ion Ratio Lower Upper
77 100
105 99.3 77.9 117.9
106 96.6 73.4 113.4

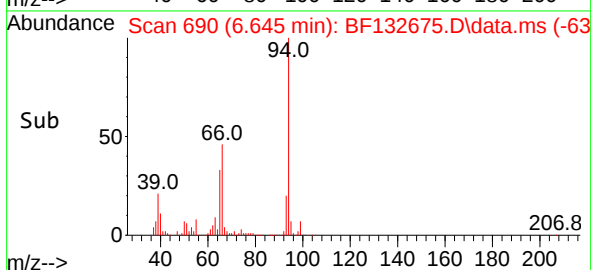
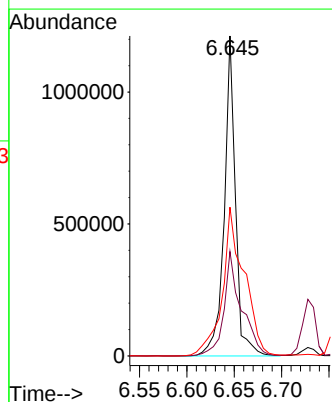
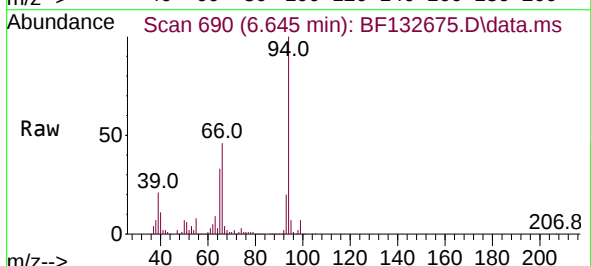
Manual Integrations
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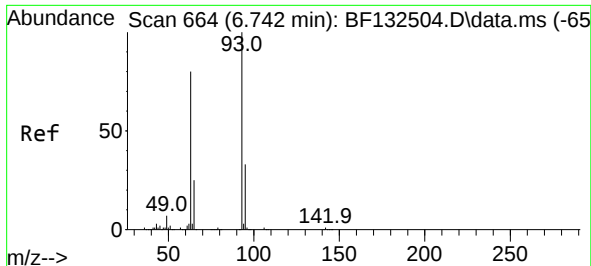
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#10
Phenol
Concen: 38.734 ng
RT: 6.645 min Scan# 690
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

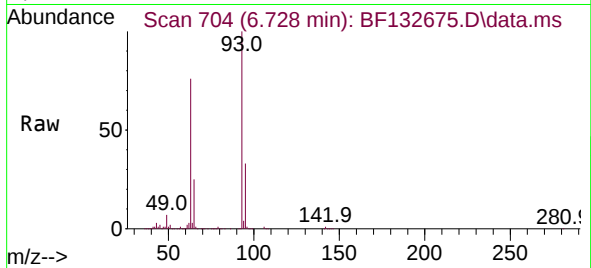
Tgt Ion: 94 Resp: 1000988
Ion Ratio Lower Upper
94 100
65 32.6 9.4 49.4
66 46.5 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 43.000 ng
RT: 6.728 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

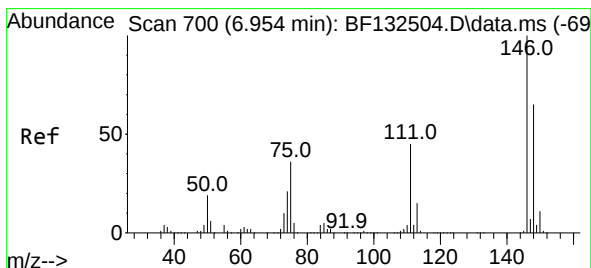
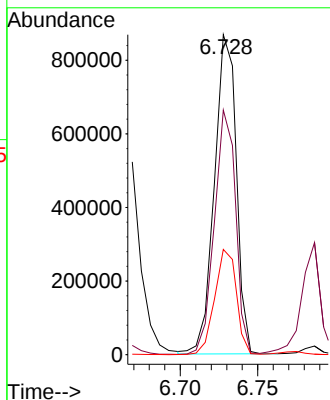
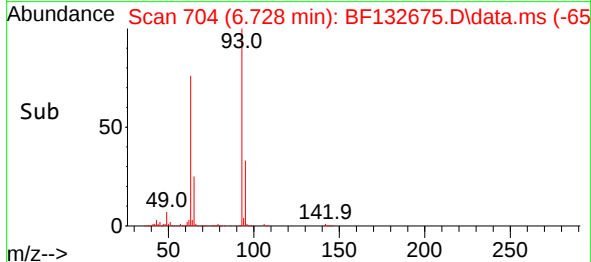
Instrument :
BNA_F
ClientSampleId :
PB151231BS



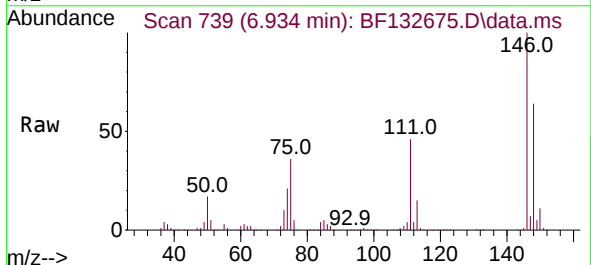
Tgt Ion: 93 Resp: 85784
Ion Ratio Lower Upper
93 100
63 76.4 59.6 99.6
95 32.9 12.8 52.8

Manual Integrations
APPROVED

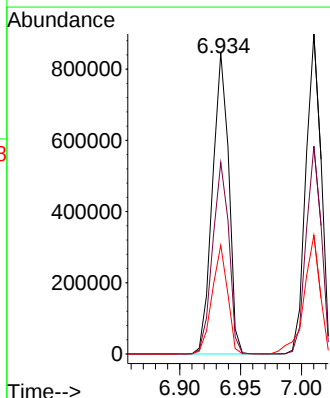
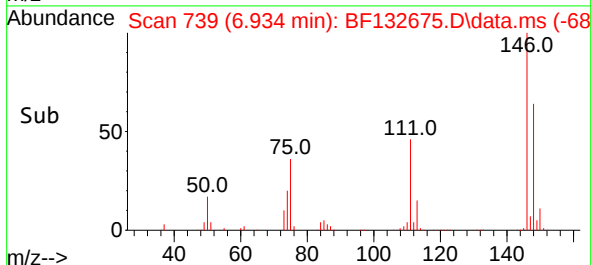
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

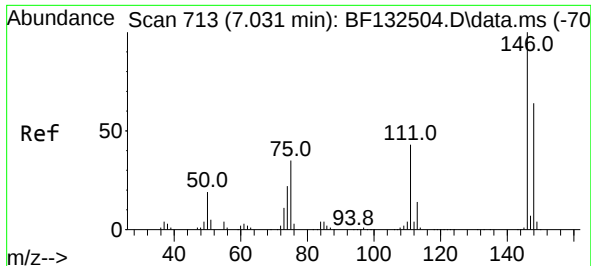


#12
1,3-Dichlorobenzene
Concen: 40.735 ng
RT: 6.934 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



Tgt Ion:146 Resp: 783583
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 36.2 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 40.524 ng

RT: 7.010 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:146 Resp: 778375

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

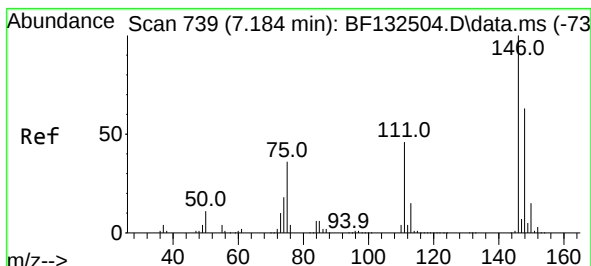
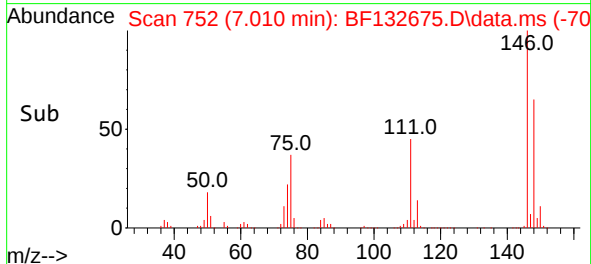
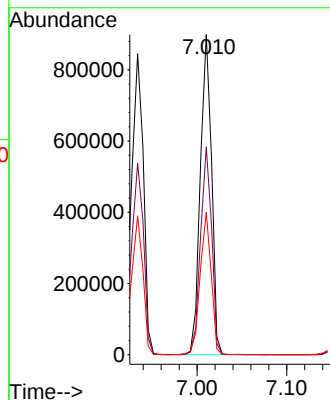
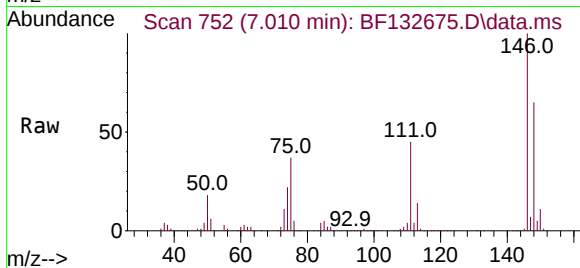
111 44.5 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#14

1,2-Dichlorobenzene

Concen: 38.657 ng

RT: 7.163 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

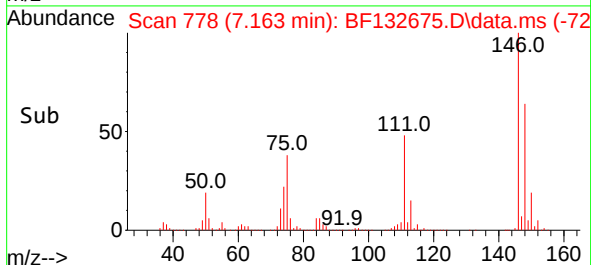
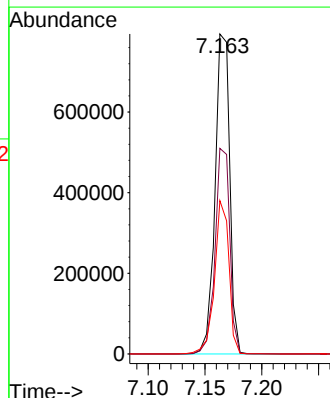
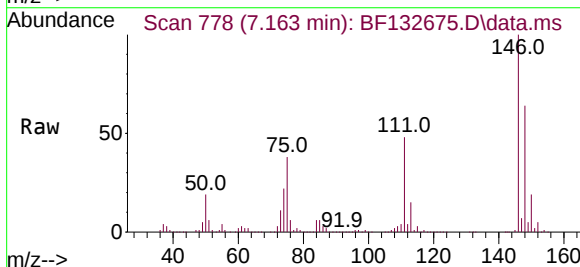
Tgt Ion:146 Resp: 712598

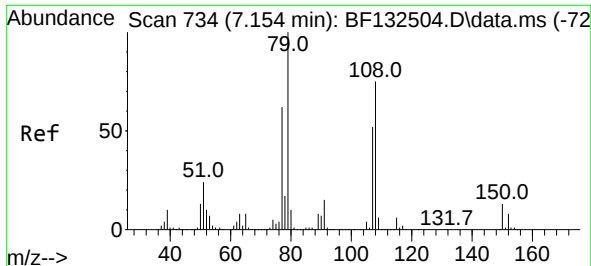
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

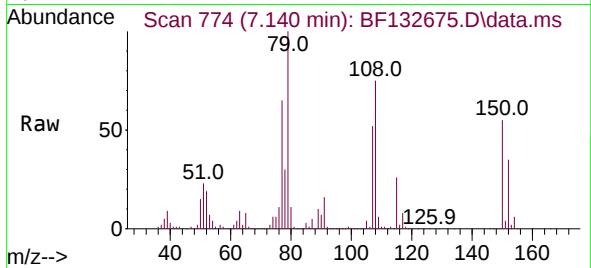
111 47.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 41.545 ng
RT: 7.140 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

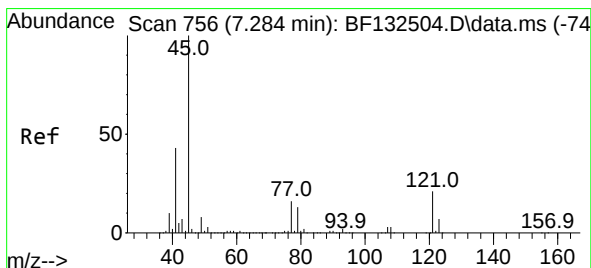
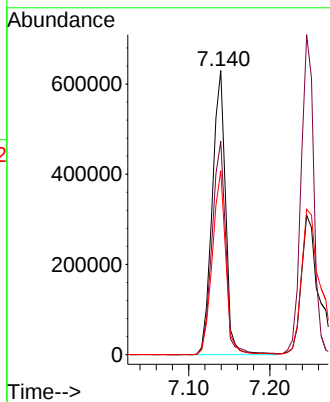
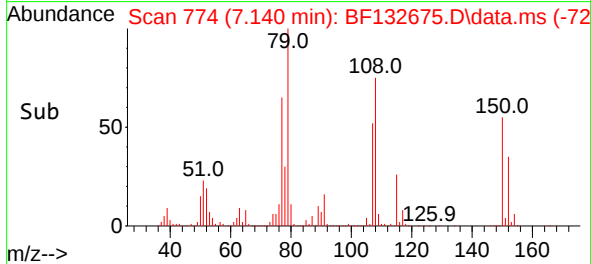
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion: 79 Resp: 721203
Ion Ratio Lower Upper
79 100
108 75.1 60.2 90.4
77 64.7 49.9 74.9

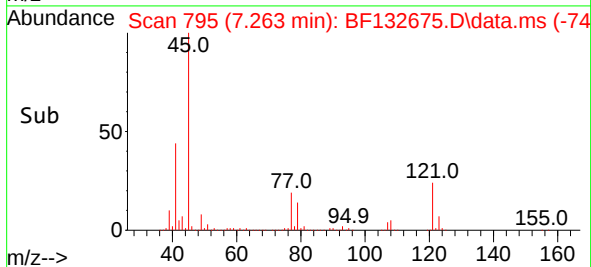
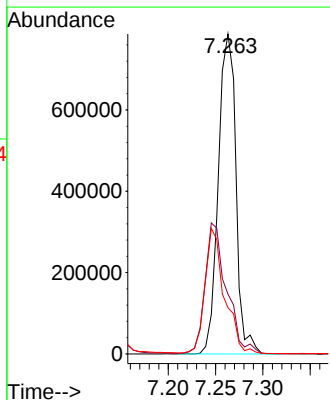
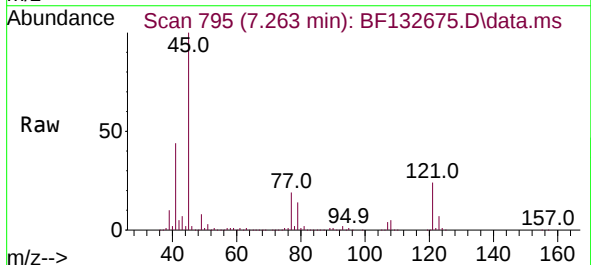
Manual Integrations
APPROVED

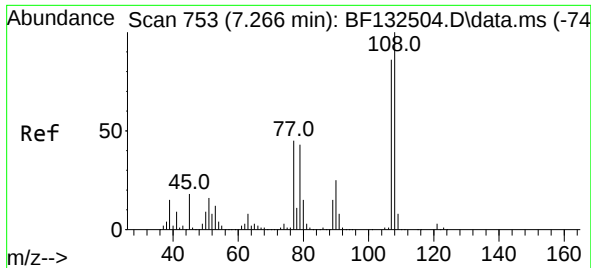
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.900 ng
RT: 7.263 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

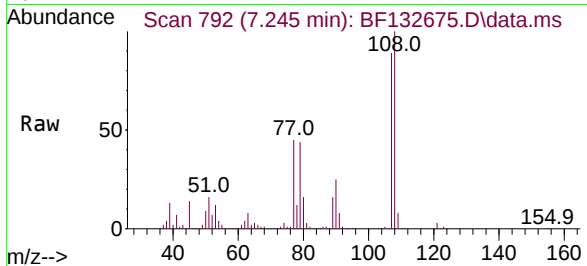
Tgt Ion: 45 Resp: 1015069
Ion Ratio Lower Upper
45 100
77 18.7 0.0 36.4
79 14.4 0.0 33.4





#17
2-Methylphenol
Concen: 40.186 ng
RT: 7.245 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

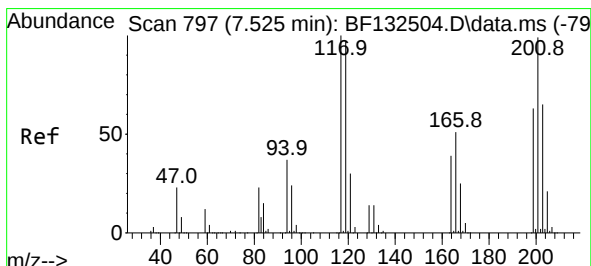
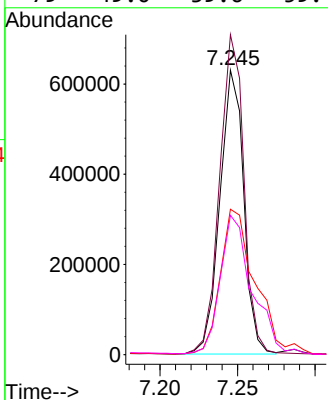
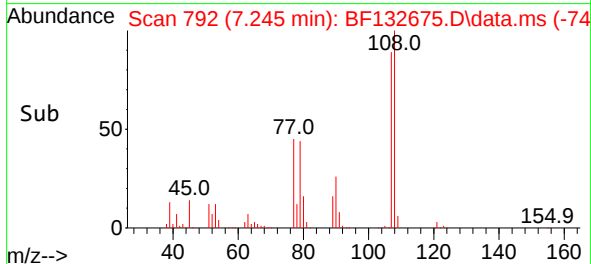
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:107 Resp: 672295
Ion Ratio Lower Upper
107 100
108 112.5 93.0 139.4
77 51.1 42.1 63.1
79 49.0 39.6 59.4

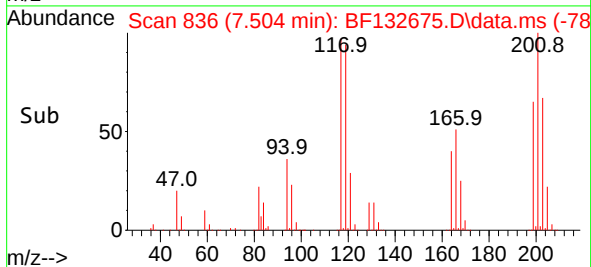
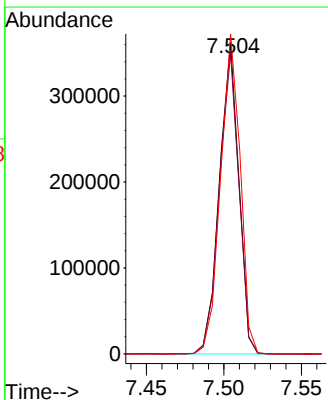
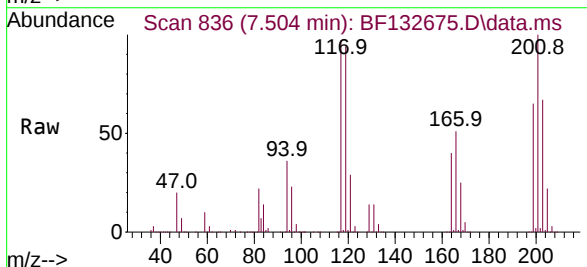
Manual Integrations
APPROVED

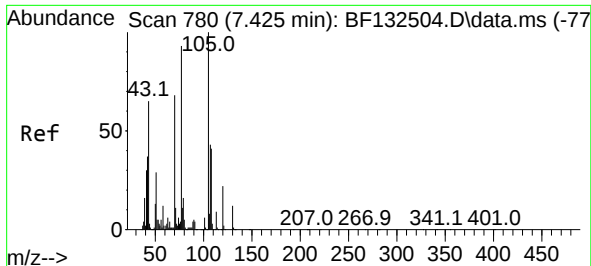
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#18
Hexachloroethane
Concen: 41.953 ng
RT: 7.504 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

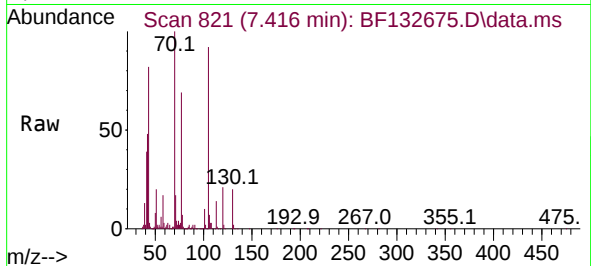
Tgt Ion:117 Resp: 314818
Ion Ratio Lower Upper
117 100
119 96.4 78.0 117.0
201 102.8 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.399 ng
RT: 7.416 min Scan# 819
Delta R.T. 0.012 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

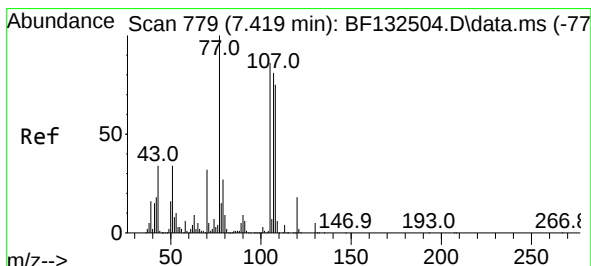
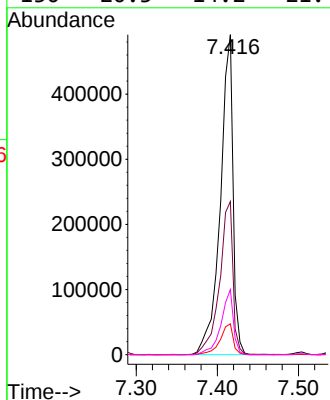
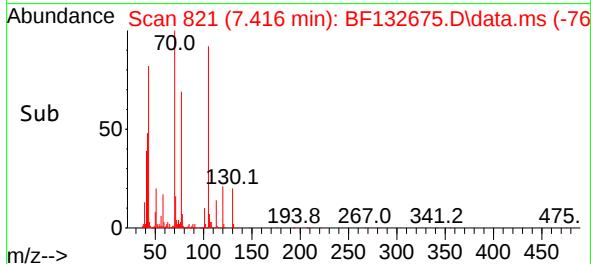
Instrument :
BNA_F
ClientSampleId :
PB151231BS



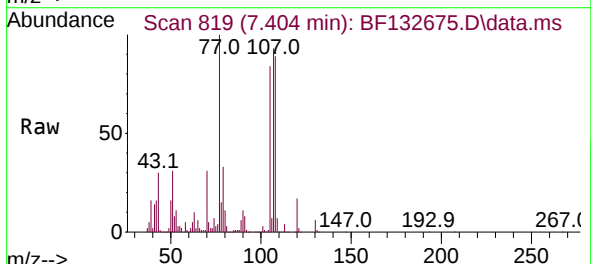
Tgt Ion: 70 Resp: 532683
Ion Ratio Lower Upper
70 100
42 47.8 44.1 66.1
101 9.6 7.4 11.2
130 20.3 14.2 21.4

Manual Integrations
APPROVED

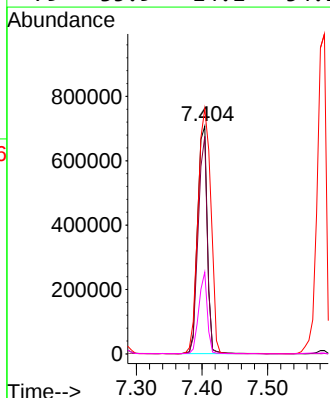
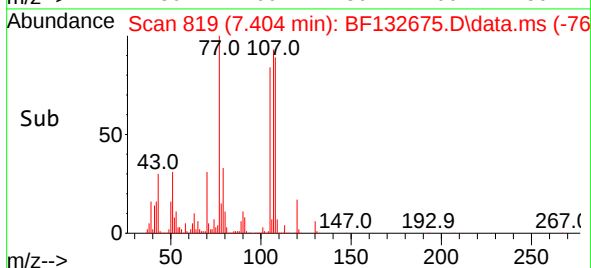
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#20
3+4-Methylphenols
Concen: 33.449 ng
RT: 7.404 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



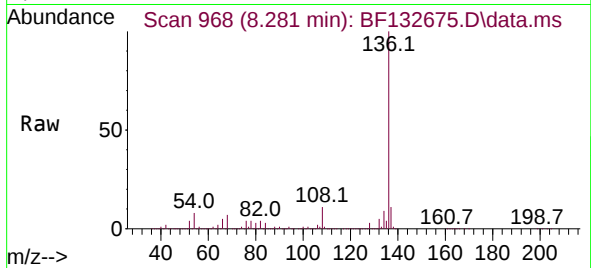
Tgt Ion:107 Resp: 722953
Ion Ratio Lower Upper
107 100
108 95.5 72.6 112.6
77 107.7 104.0 144.0
79 35.9 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

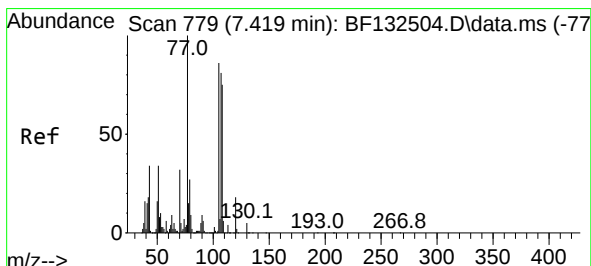
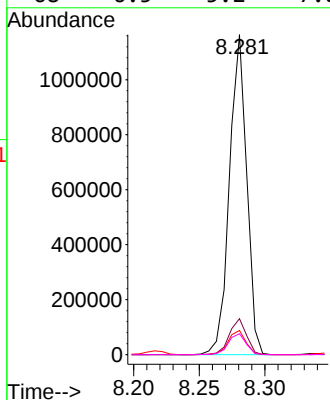
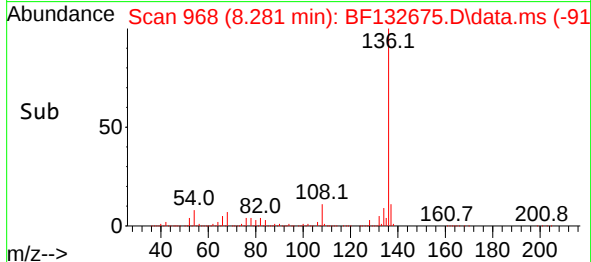
Instrument :
BNA_F
ClientSampleId :
PB151231BS



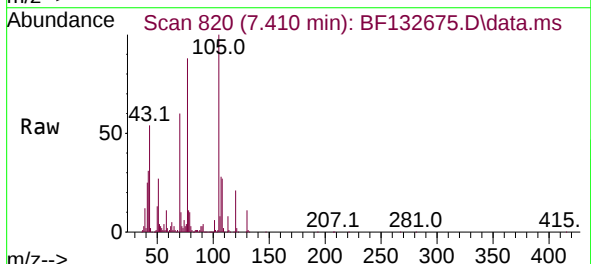
Tgt Ion:136 Resp: 1062320
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 6.2 9.4
68 6.5 5.2 7.8

Manual Integrations
APPROVED

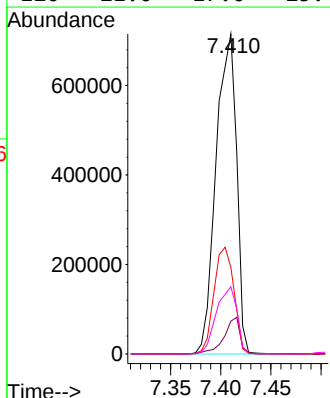
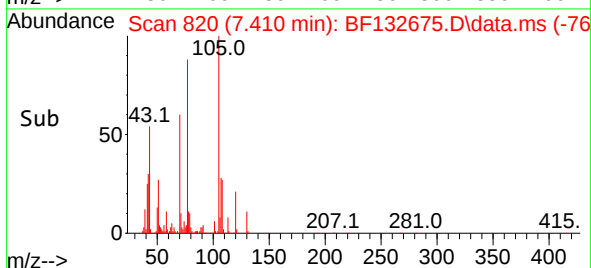
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

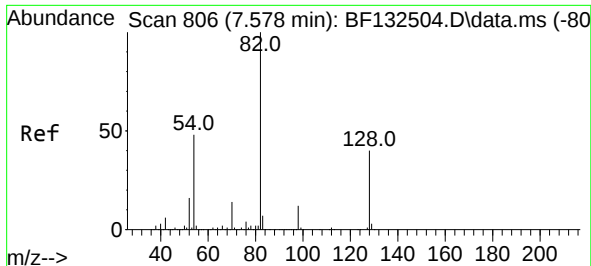


#22
Acetophenone
Concen: 38.053 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



Tgt Ion:105 Resp: 1019320
Ion Ratio Lower Upper
105 100
71 10.2 5.0 7.4#
51 27.1 31.5 47.3#
120 21.0 17.0 25.4





#23
Nitrobenzene-d5
Concen: 63.278 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

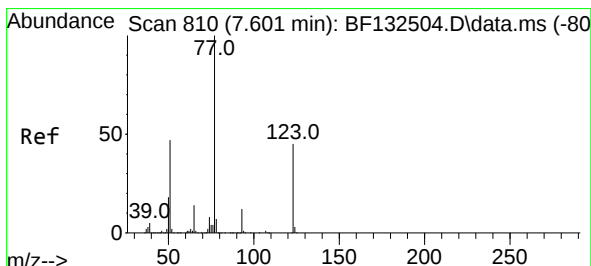
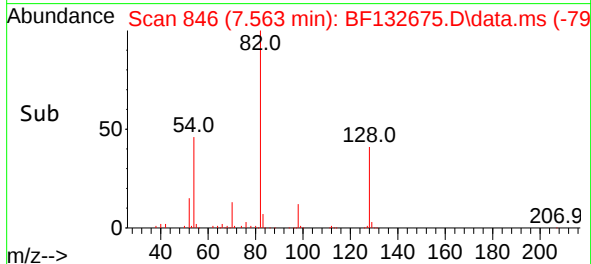
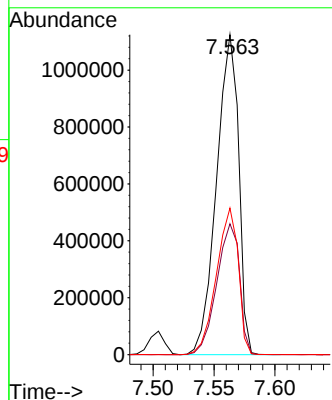
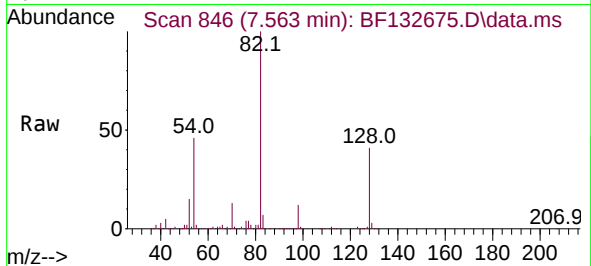
ClientSampleId :

PB151231BS

Tgt Ion: 82 Resp: 141685
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.2
54 45.8 38.4 57.6

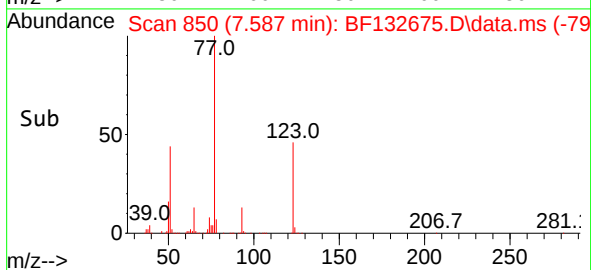
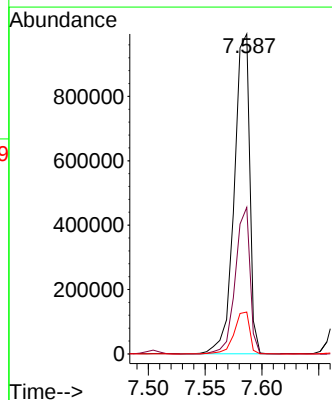
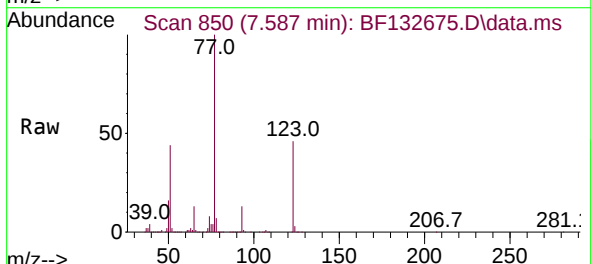
Manual Integrations
APPROVED

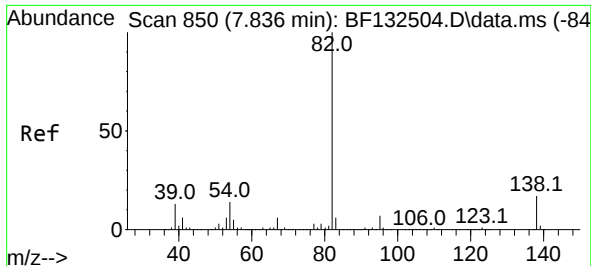
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#24
Nitrobenzene
Concen: 39.271 ng
RT: 7.587 min Scan# 850
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

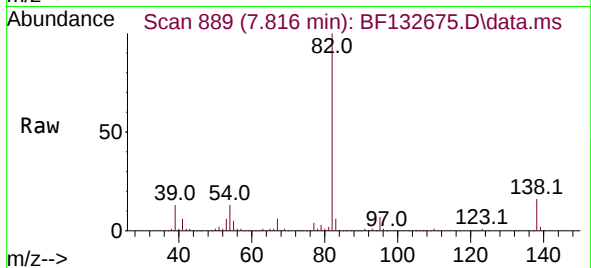
Tgt Ion: 77 Resp: 940408
Ion Ratio Lower Upper
77 100
123 45.8 35.8 53.6
65 13.1 10.9 16.3





#25
Isophorone
Concen: 42.385 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

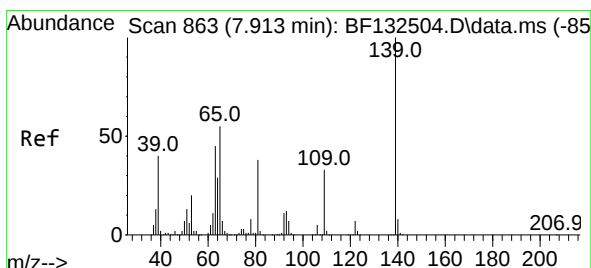
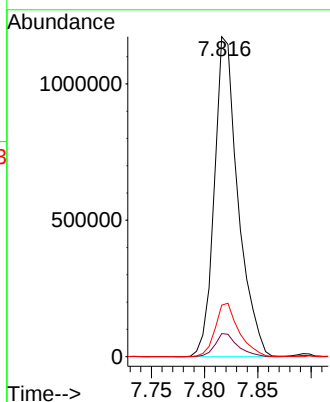
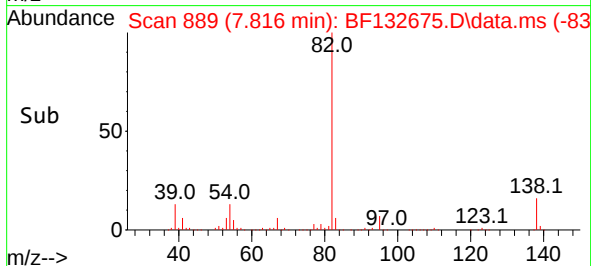
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion: 82 Resp: 181951
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 16.1 13.3 19.9

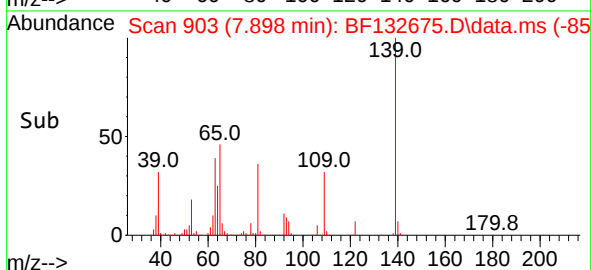
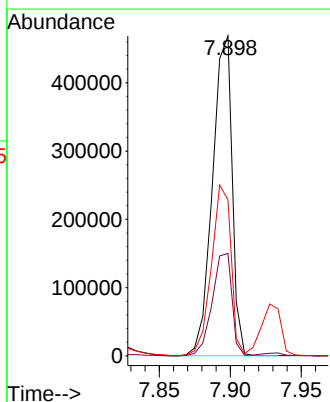
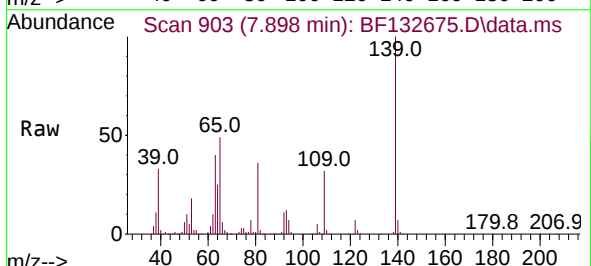
Manual Integrations
APPROVED

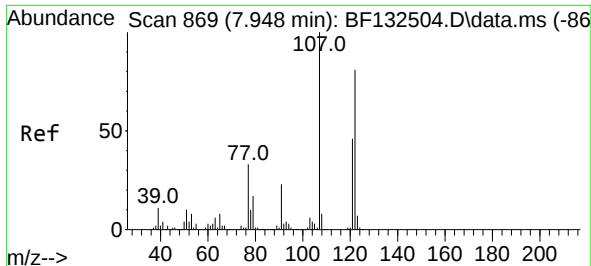
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#26
2-Nitrophenol
Concen: 42.700 ng
RT: 7.898 min Scan# 903
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

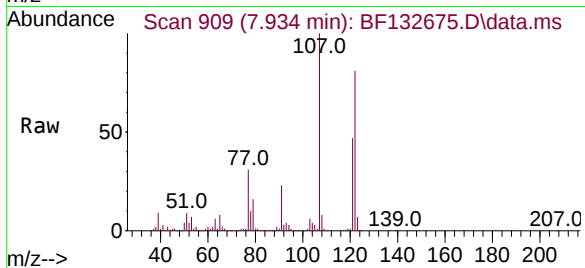
Tgt Ion:139 Resp: 451155
Ion Ratio Lower Upper
139 100
109 32.0 26.2 39.2
65 48.8 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 41.238 ng
RT: 7.934 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

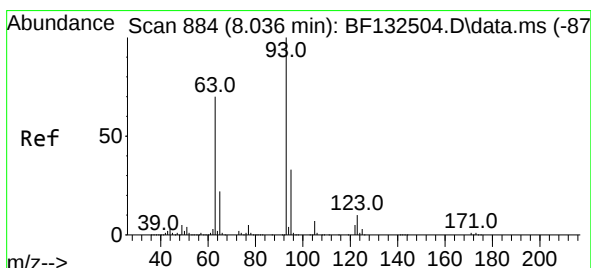
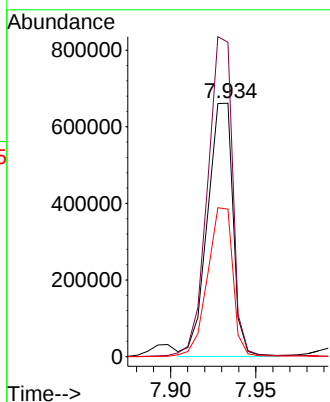
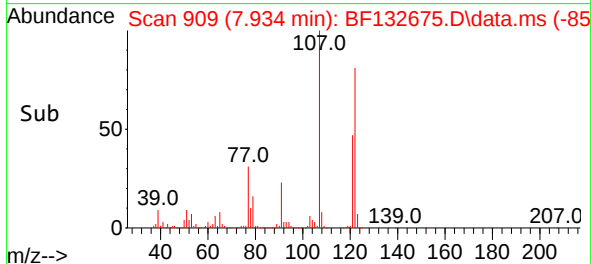
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:122 Resp: 68767
Ion Ratio Lower Upper
122 100
107 124.1 98.7 148.1
121 58.2 45.8 68.6

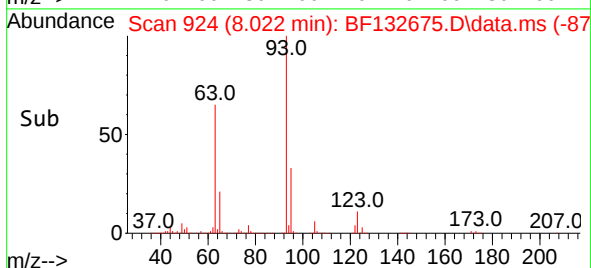
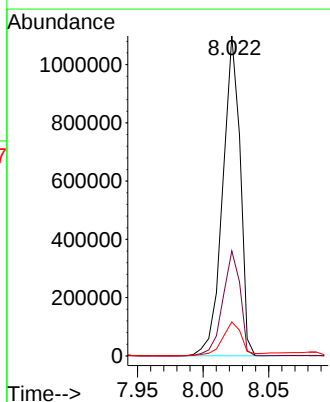
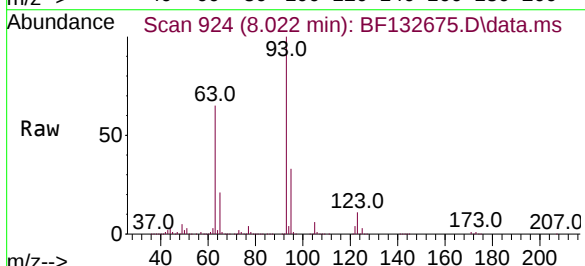
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.621 ng
RT: 8.022 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Tgt Ion: 93 Resp: 1020107
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.323 ng

RT: 8.140 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:162 Resp: 66888

Ion Ratio Lower Upper

162 100

164 65.2 45.3 85.3

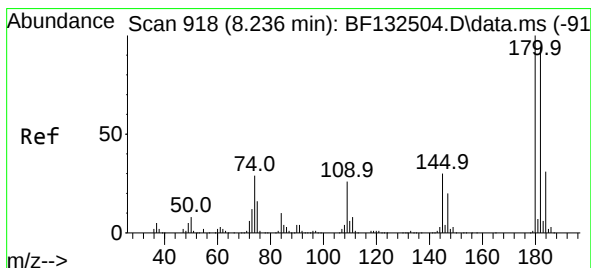
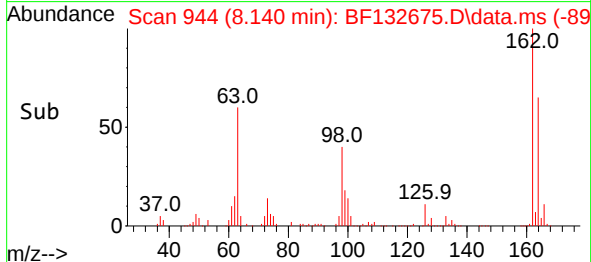
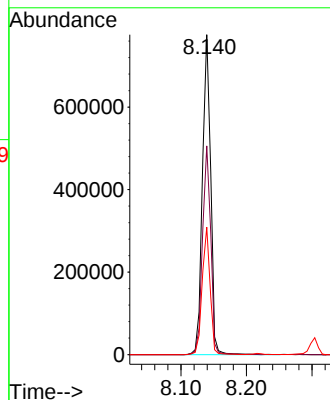
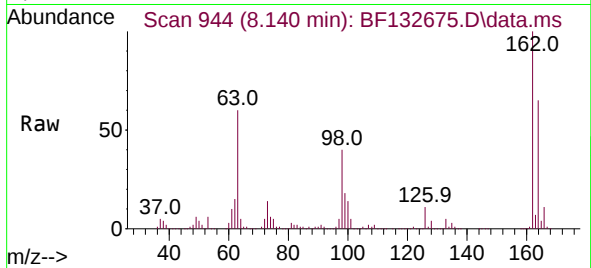
98 39.8 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.047 ng

RT: 8.216 min Scan# 957

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

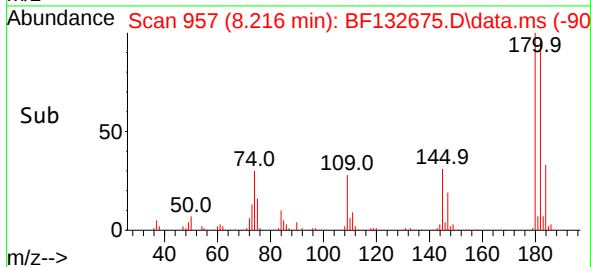
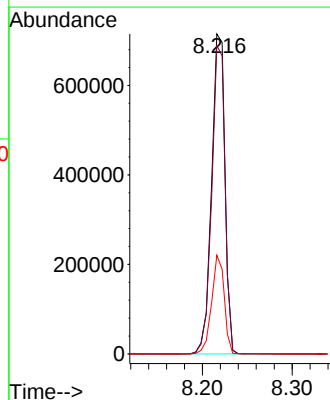
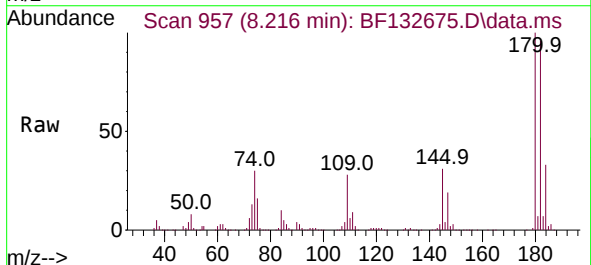
Tgt Ion:180 Resp: 739362

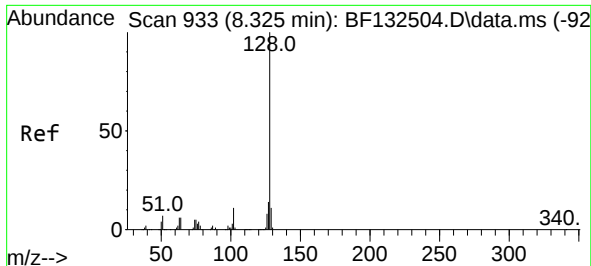
Ion Ratio Lower Upper

180 100

182 96.4 75.1 112.7

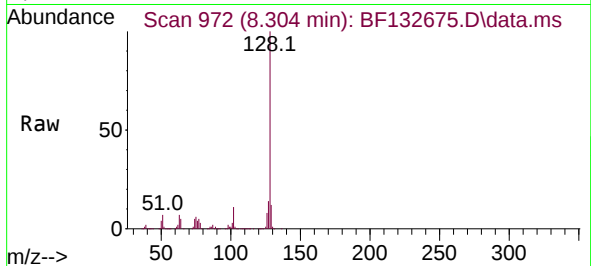
145 30.8 23.8 35.6





#31
Naphthalene
Concen: 37.445 ng
RT: 8.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

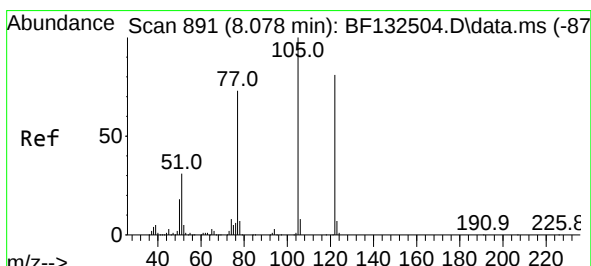
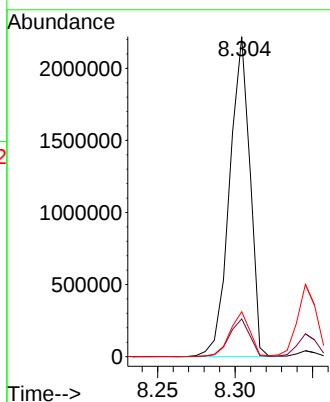
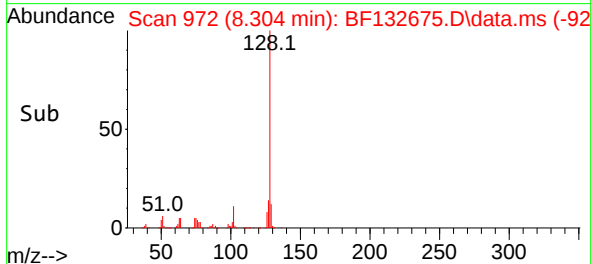
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:128 Resp: 2036413
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.0 11.0 16.6

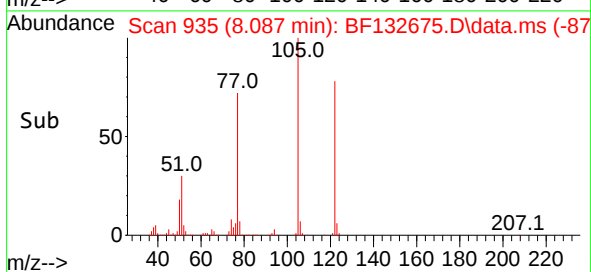
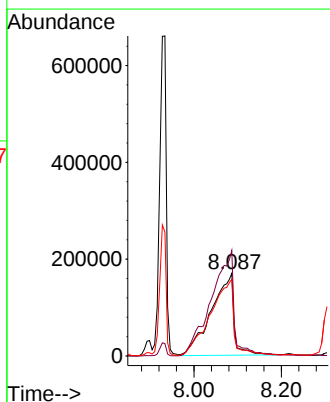
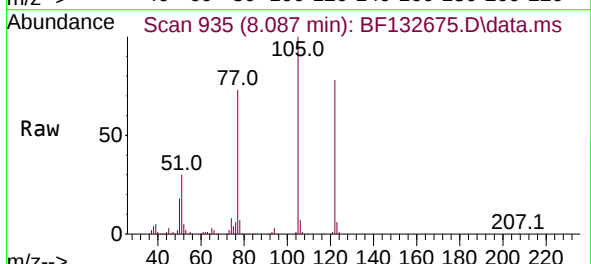
Manual Integrations
APPROVED

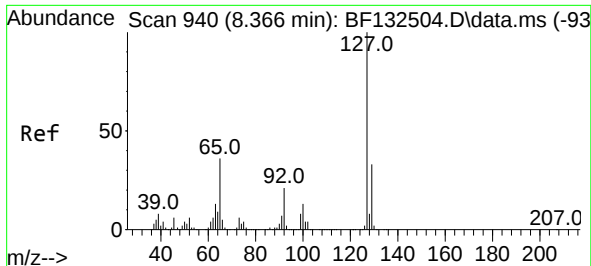
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#32
Benzoic acid
Concen: 46.842 ng
RT: 8.087 min Scan# 935
Delta R.T. 0.029 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

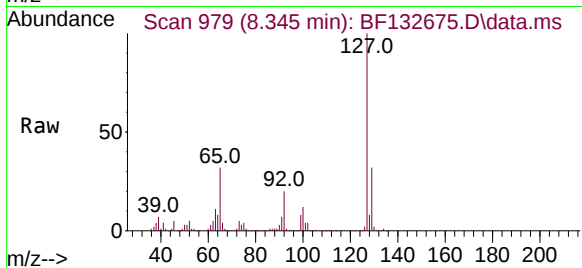
Tgt Ion:122 Resp: 614217
Ion Ratio Lower Upper
122 100
105 127.8 102.6 142.6
77 92.9 70.2 110.2





#33
4-Chloroaniline
Concen: 21.085 ng m
RT: 8.345 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

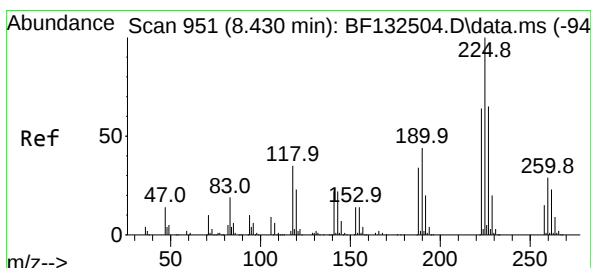
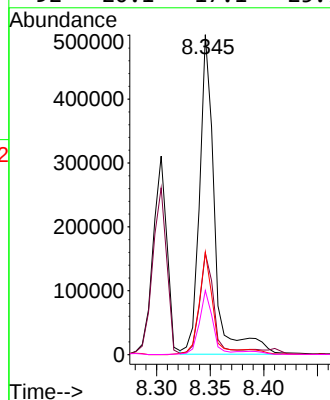
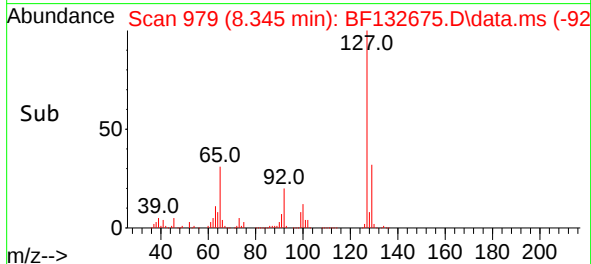
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:127 Resp: 491386
Ion Ratio Lower Upper
127 100
129 31.7 26.4 39.6
65 32.0 28.8 43.2
92 20.1 17.1 25.7

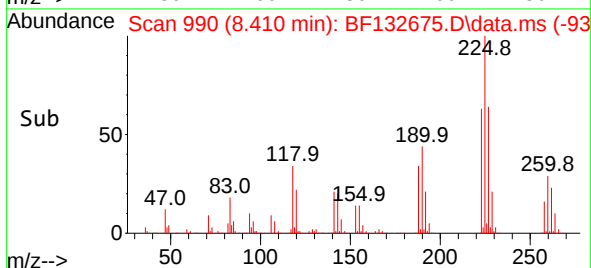
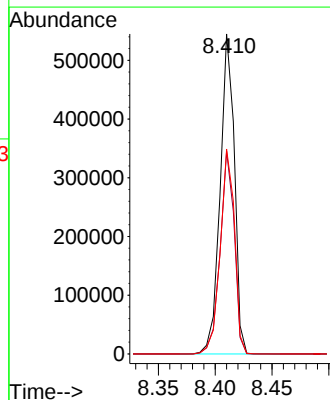
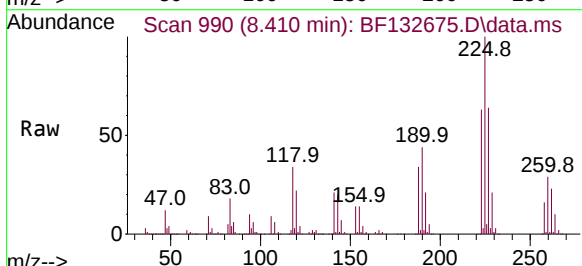
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#34
Hexachlorobutadiene
Concen: 41.276 ng
RT: 8.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

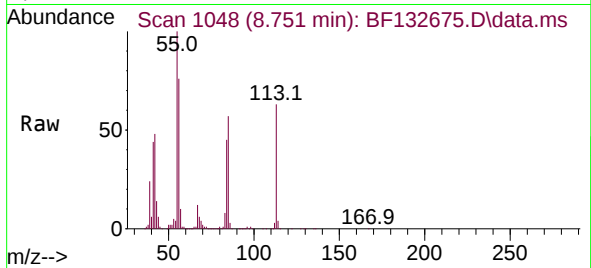
Tgt Ion:225 Resp: 472445
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.4
227 64.0 51.7 77.5





#35
Caprolactam
Concen: 50.342 ng m
RT: 8.751 min Scan# 10
Delta R.T. 0.018 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

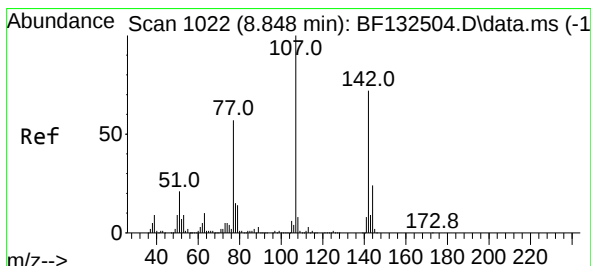
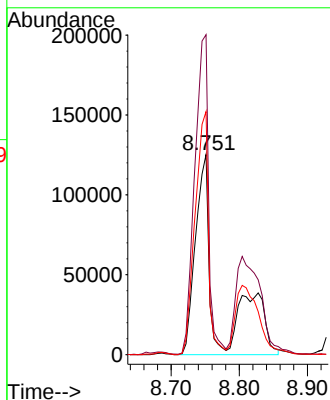
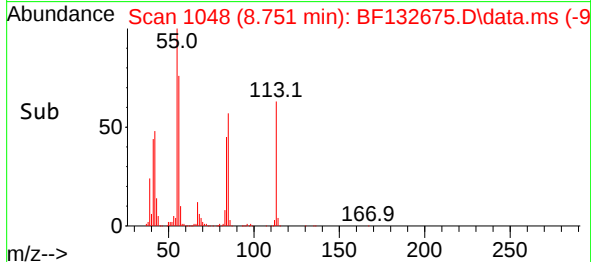
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:113 Resp: 275307
Ion Ratio Lower Upper
113 100
55 159.9 149.4 189.4
56 121.4 105.0 145.0

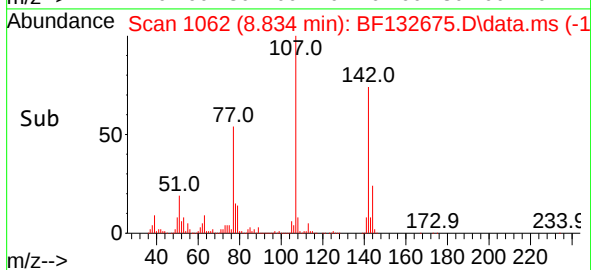
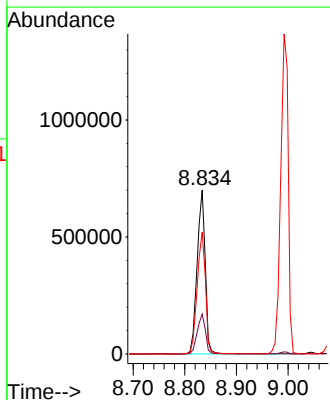
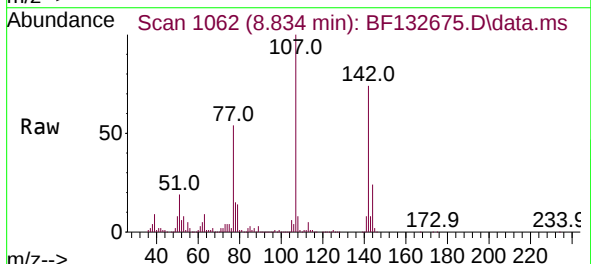
Manual Integrations
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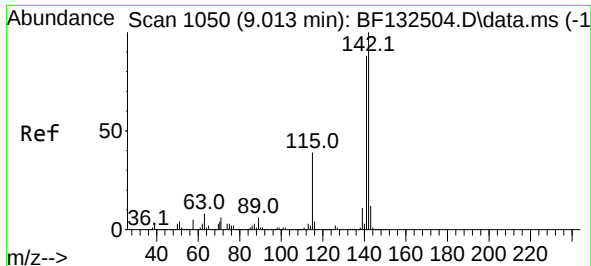
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#36
4-Chloro-3-methylphenol
Concen: 41.788 ng
RT: 8.834 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Tgt Ion:107 Resp: 761269
Ion Ratio Lower Upper
107 100
144 24.3 18.9 28.3
142 74.4 57.9 86.9





#37

2-Methylnaphthalene

Concen: 37.256 ng

RT: 8.992 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:142 Resp: 1380796

Ion Ratio Lower Upper

142 100

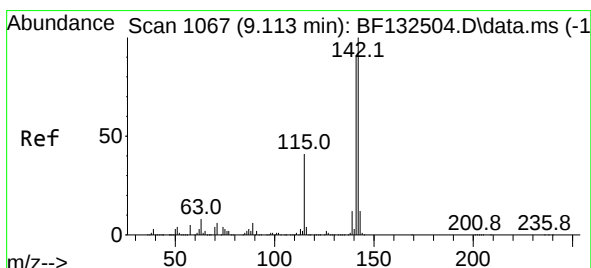
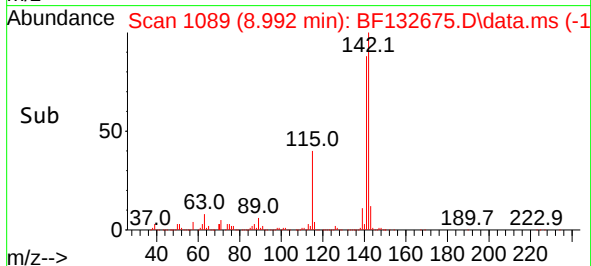
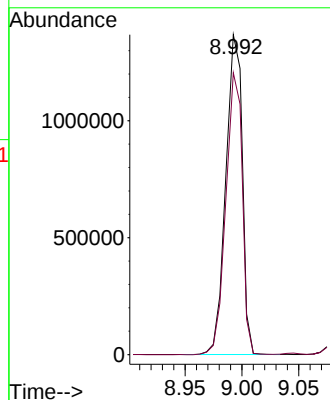
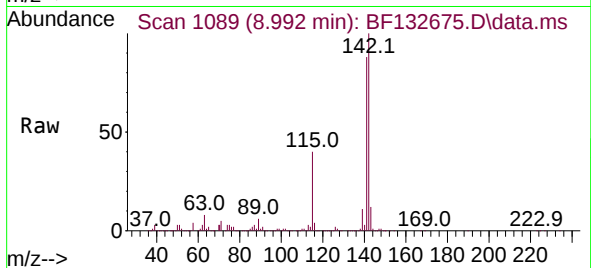
141 88.1 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#38

1-Methylnaphthalene

Concen: 37.165 ng

RT: 9.092 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF132675.D

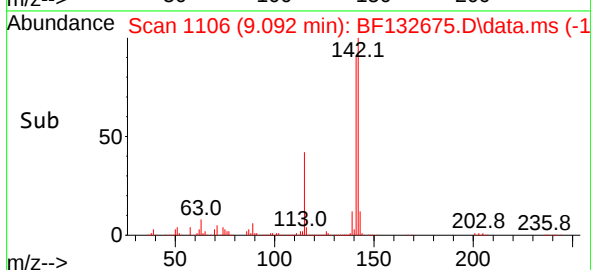
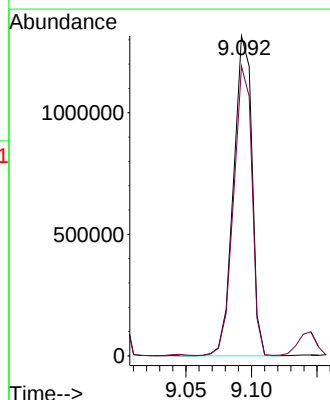
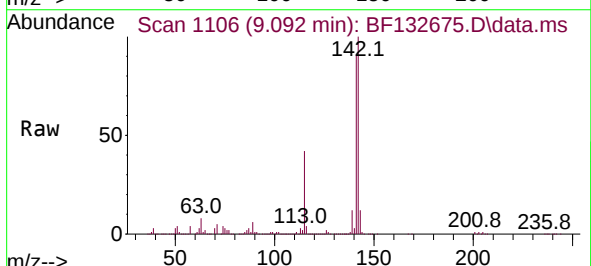
Acq: 07 Mar 2023 13:21

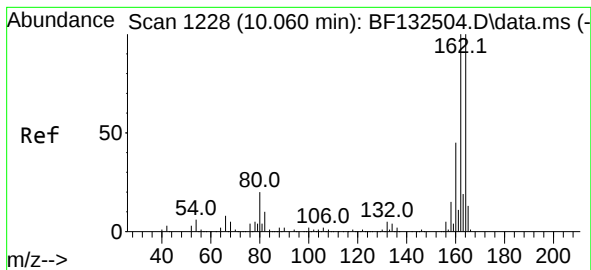
Tgt Ion:142 Resp: 1287245

Ion Ratio Lower Upper

142 100

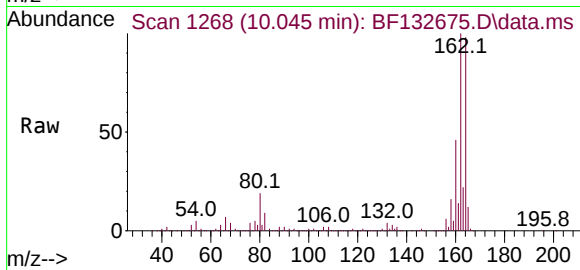
141 90.5 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

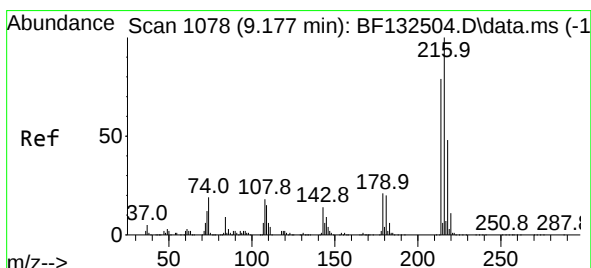
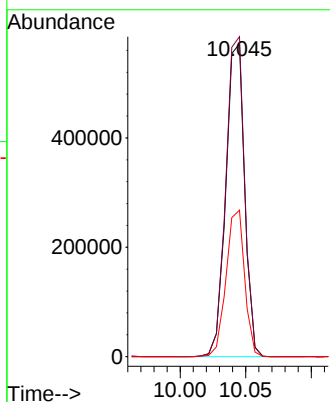
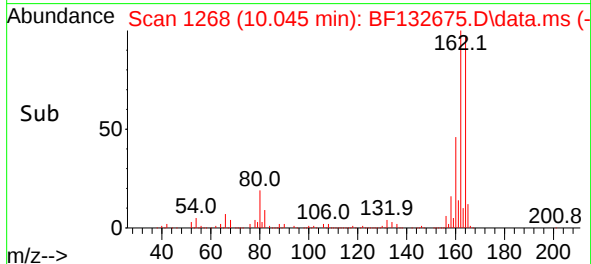
Instrument :
BNA_F
ClientSampleId :
PB151231BS



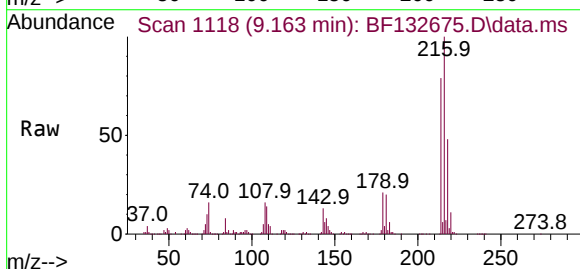
Tgt Ion:164 Resp: 57073
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.8
160 46.8 35.8 53.6

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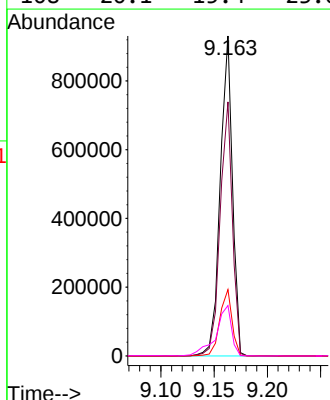
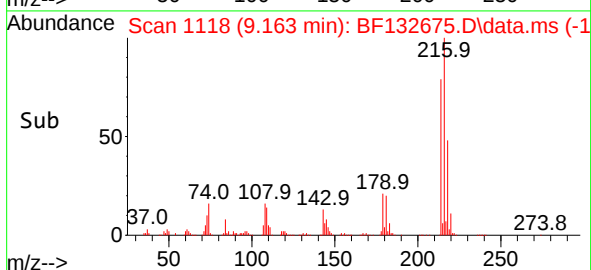
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

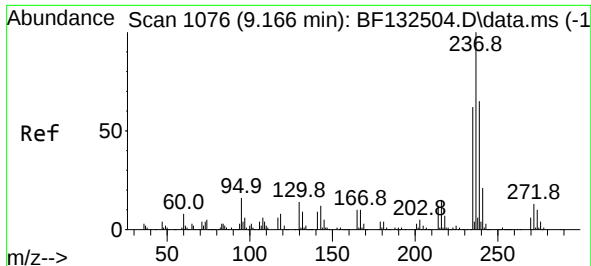


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.905 ng
RT: 9.163 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



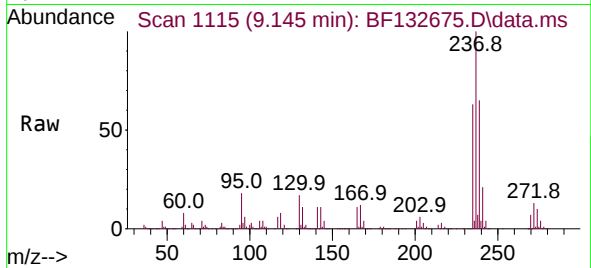
Tgt Ion:216 Resp: 745148
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.6
179 20.7 16.6 24.8
108 20.1 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 85.660 ng
RT: 9.145 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

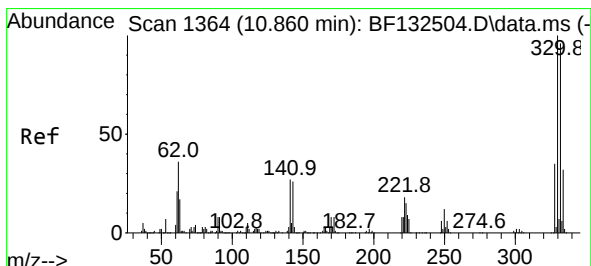
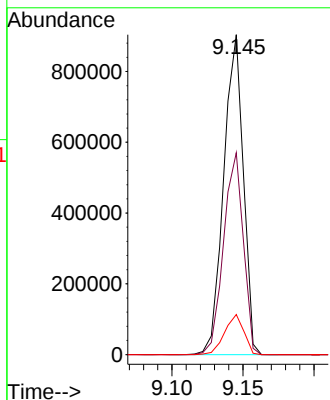
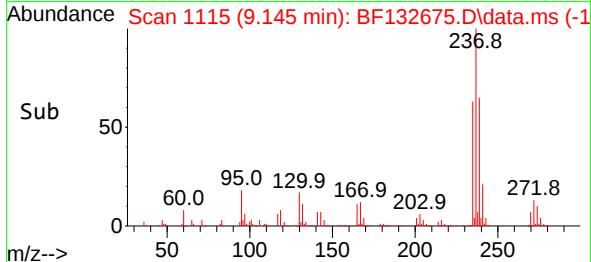
Instrument :
BNA_F
ClientSampleId :
PB151231BS



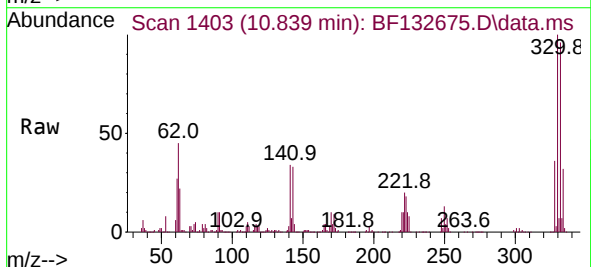
Tgt Ion: 237 Resp: 867575
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 12.5 0.0 32.7

Manual Integrations
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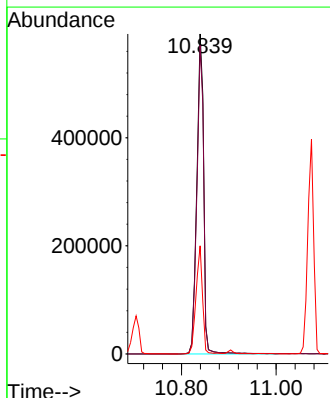
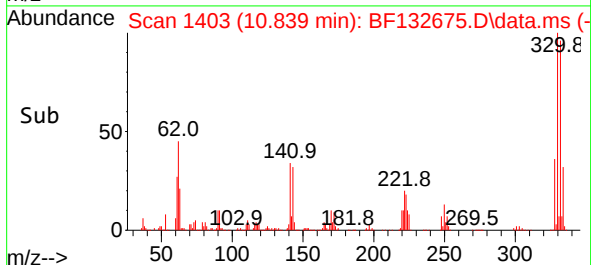
Reviewed By : Christian Giraldo 03/08/2023
Supervised By : Jagrut Upadhyay 03/08/2023

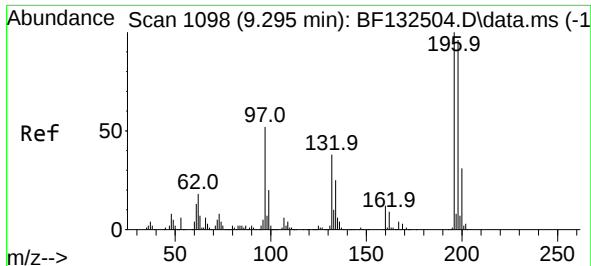


#42
2,4,6-Tribromophenol
Concen: 96.426 ng
RT: 10.839 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



Tgt Ion: 330 Resp: 594345
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.2 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 41.080 ng

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:196 Resp: 51985

Ion Ratio Lower Upper

196 100

198 94.9 77.1 115.7

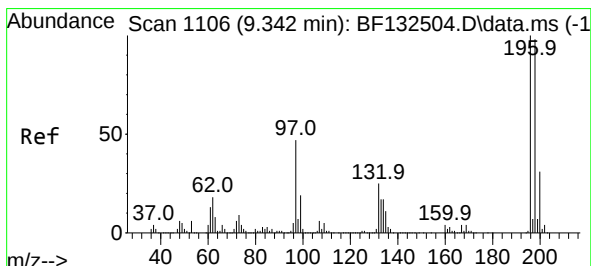
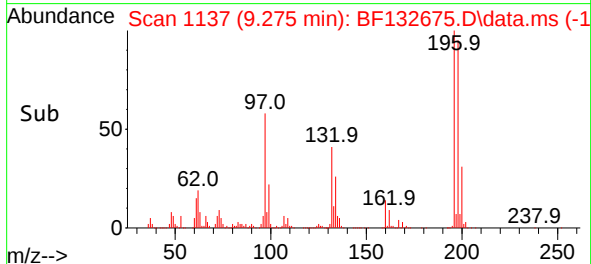
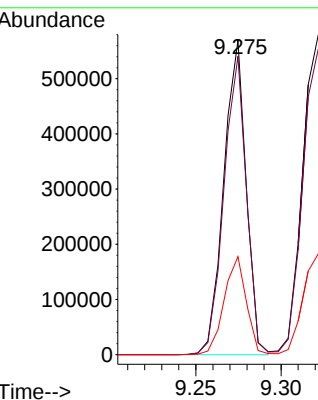
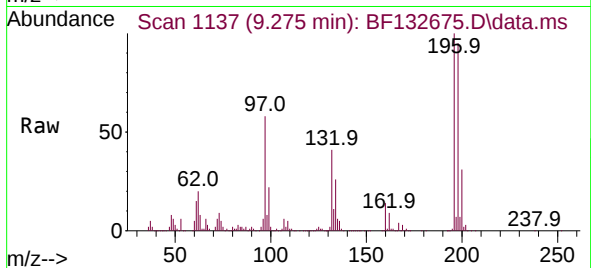
200 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#44

2,4,5-Trichlorophenol

Concen: 38.465 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.012 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Tgt Ion:196 Resp: 568127

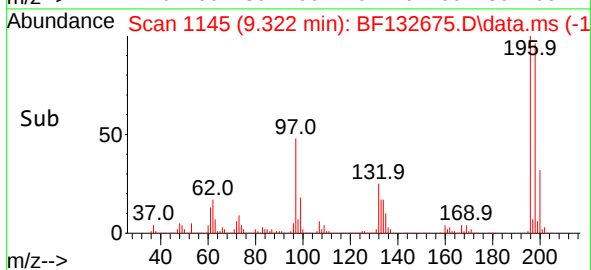
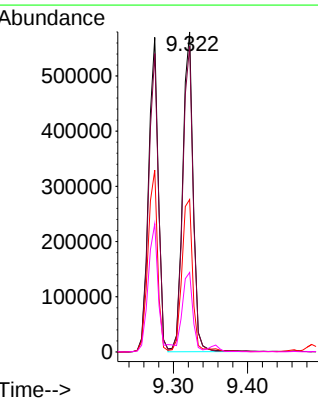
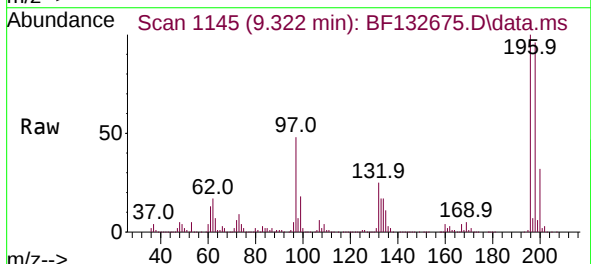
Ion Ratio Lower Upper

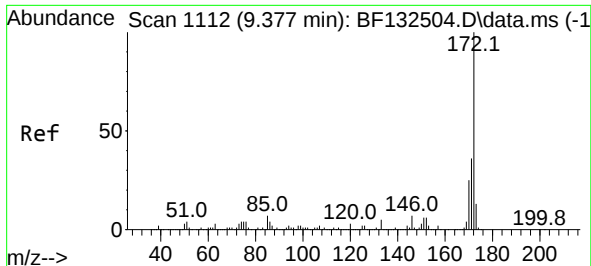
196 100

198 95.6 78.3 117.5

97 47.6 38.1 57.1

132 24.8 20.2 30.4





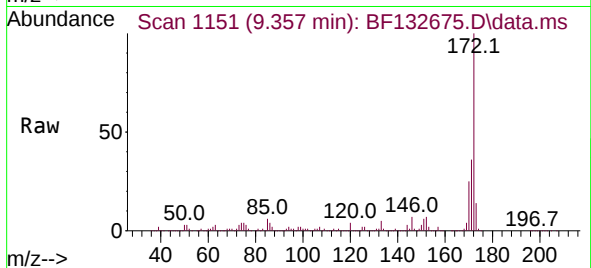
#45
2-Fluorobiphenyl
Concen: 57.714 ng
RT: 9.357 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

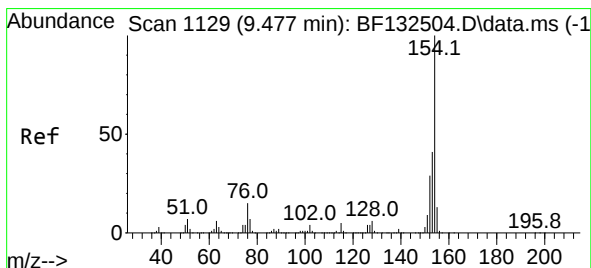
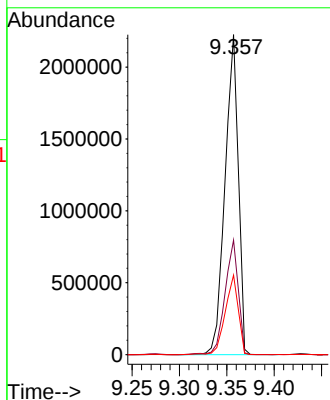
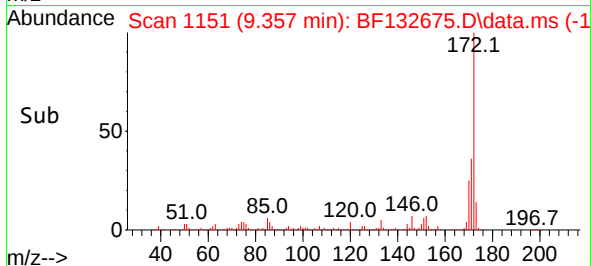


Tgt Ion:172 Resp: 2163289
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.8 19.7 29.5

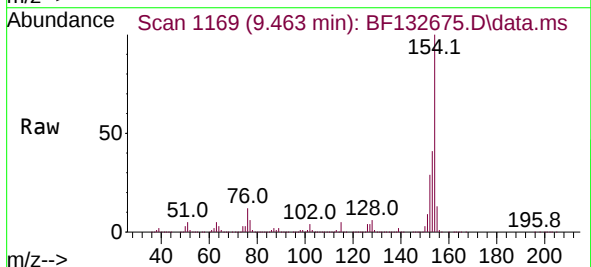
Manual Integrations

APPROVED

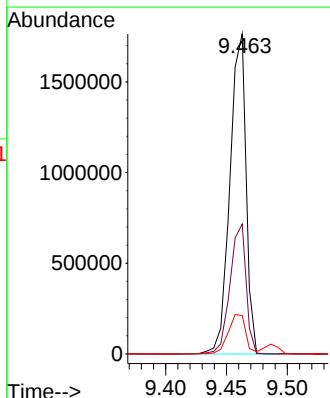
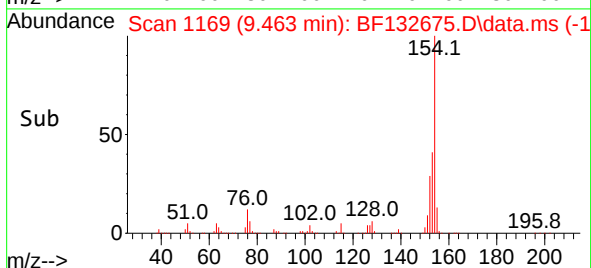
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

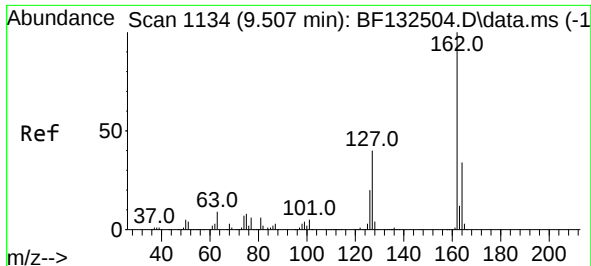


#46
1,1'-Biphenyl
Concen: 37.791 ng
RT: 9.463 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



Tgt Ion:154 Resp: 1632512
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 12.0 0.0 34.7





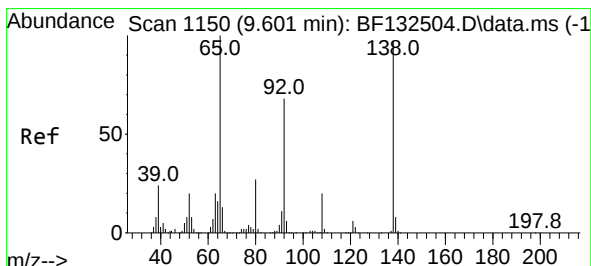
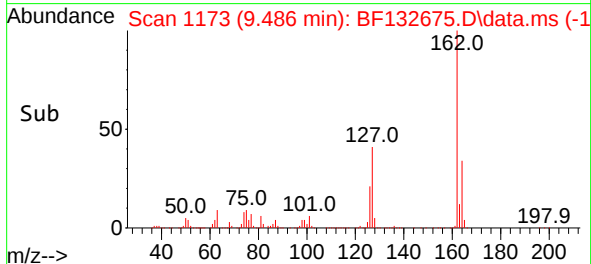
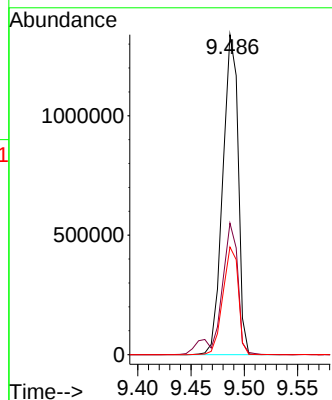
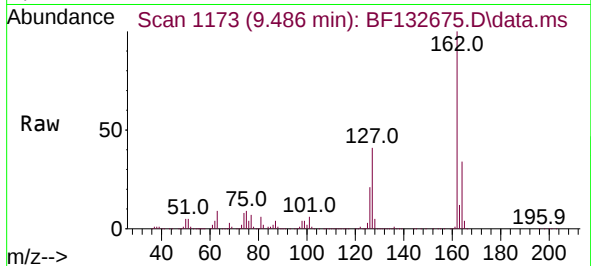
#47
2-Chloronaphthalene
Concen: 39.370 ng
RT: 9.486 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :
BNA_F
ClientSampleId :
PB151231BS

Tgt Ion:162 Resp: 1348396
Ion Ratio Lower Upper
162 100
127 41.1 32.3 48.5
164 33.6 26.9 40.3

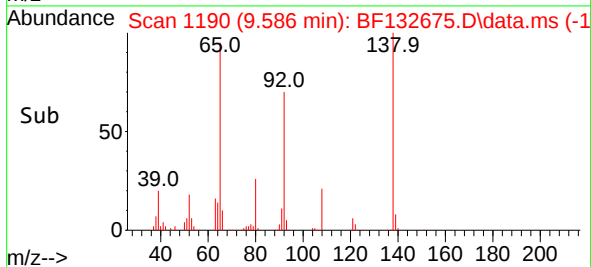
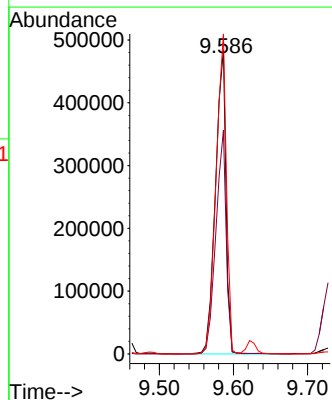
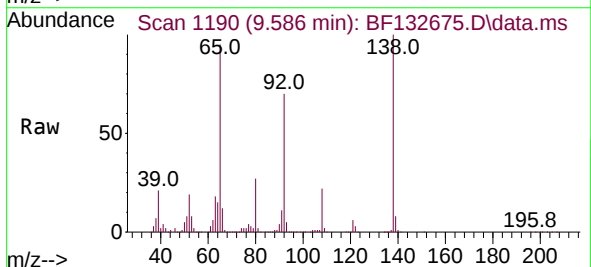
Manual Integrations
APPROVED

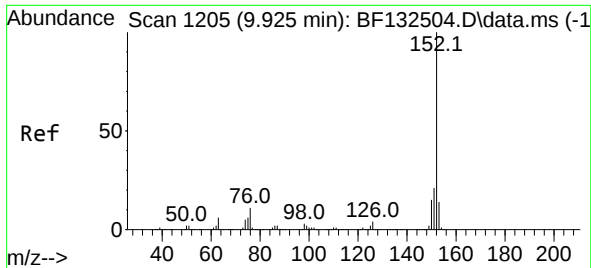
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#48
2-Nitroaniline
Concen: 37.849 ng
RT: 9.586 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

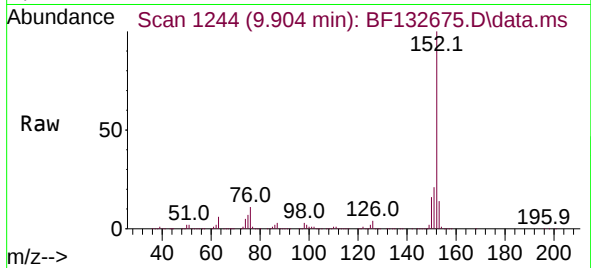
Tgt Ion: 65 Resp: 477427
Ion Ratio Lower Upper
65 100
92 73.5 54.5 81.7
138 105.3 77.2 115.8





#49
Acenaphthylene
Concen: 36.947 ng
RT: 9.904 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

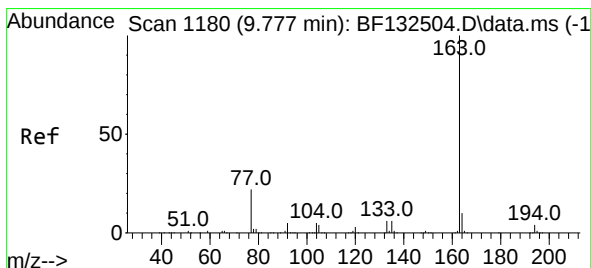
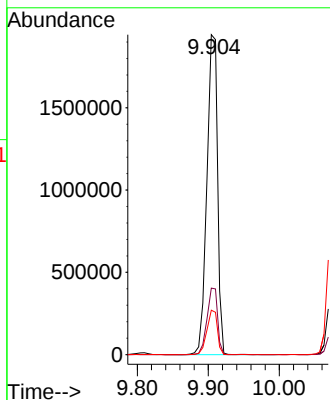
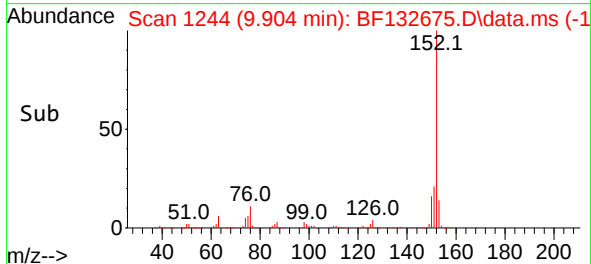
Instrument :
BNA_F
ClientSampleId :
PB151231BS



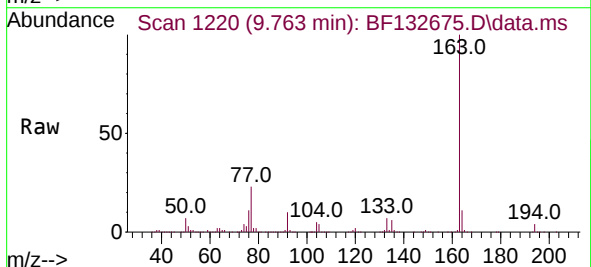
Tgt Ion:152 Resp: 201392
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.9 11.0 16.6

Manual Integrations
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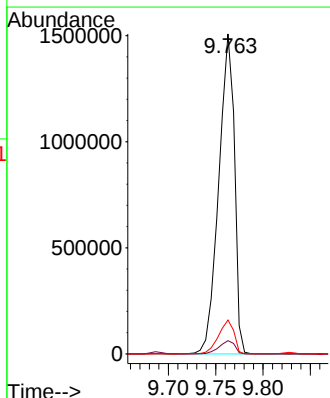
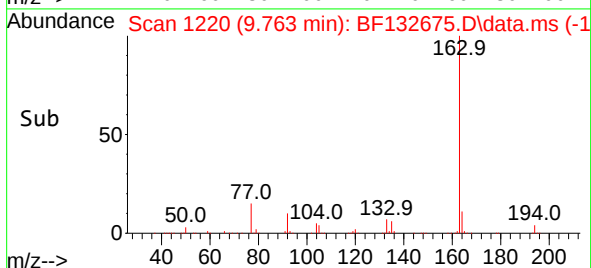
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

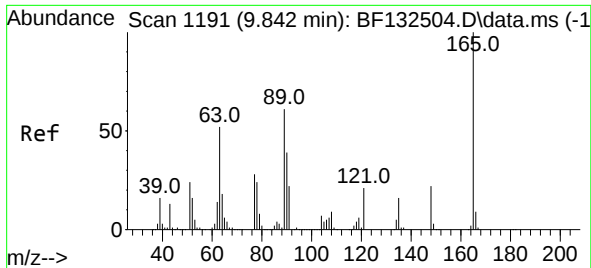


#50
Dimethylphthalate
Concen: 41.704 ng
RT: 9.763 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



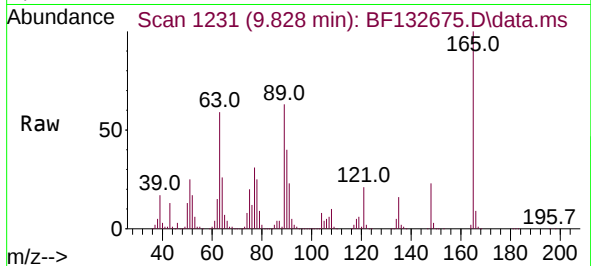
Tgt Ion:163 Resp: 1733091
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 40.790 ng
RT: 9.828 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

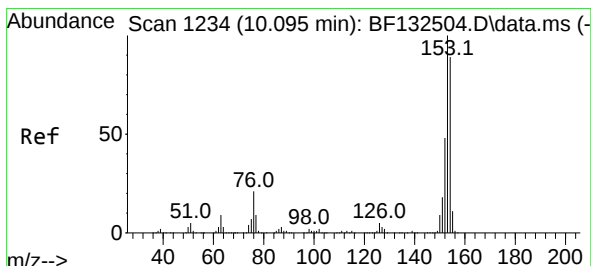
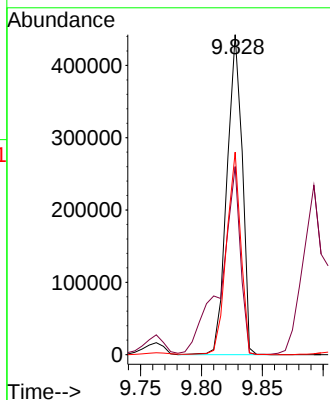
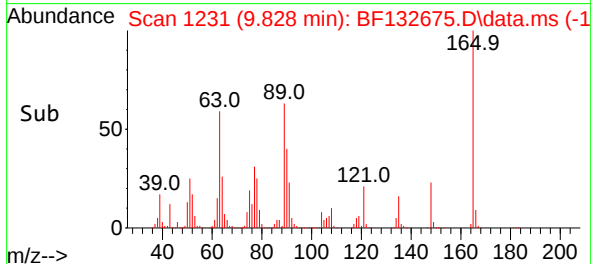
Instrument :
BNA_F
ClientSampleId :
PB151231BS



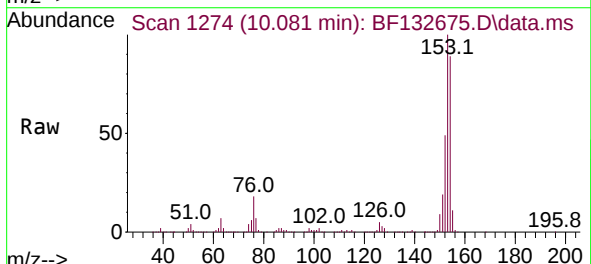
Tgt Ion:165 Resp: 386041
Ion Ratio Lower Upper
165 100
63 58.8 47.3 70.9
89 63.3 48.9 73.3

Manual Integrations
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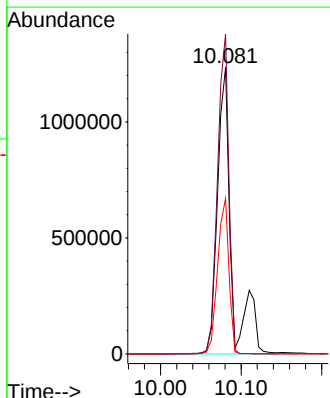
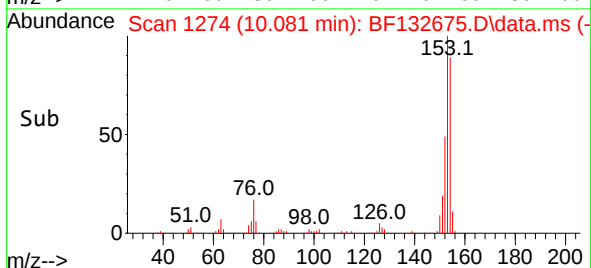
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

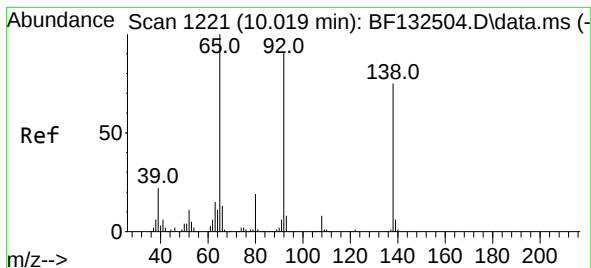


#52
Acenaphthene
Concen: 43.171 ng m
RT: 10.081 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



Tgt Ion:154 Resp: 1494255
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 54.3 43.3 64.9





#53
3-Nitroaniline
Concen: 30.151 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

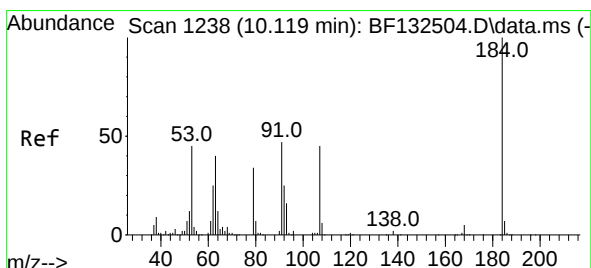
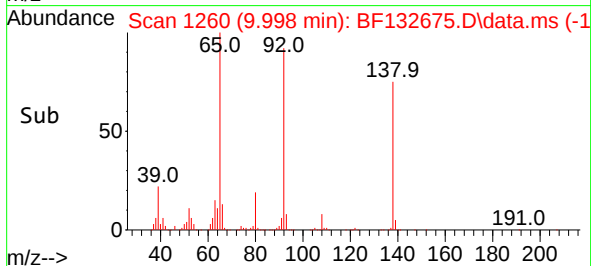
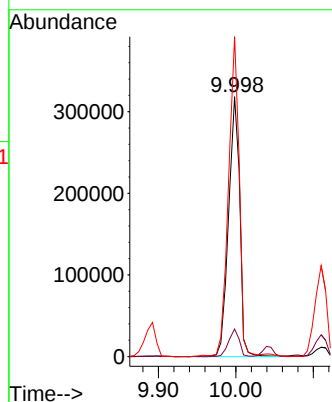
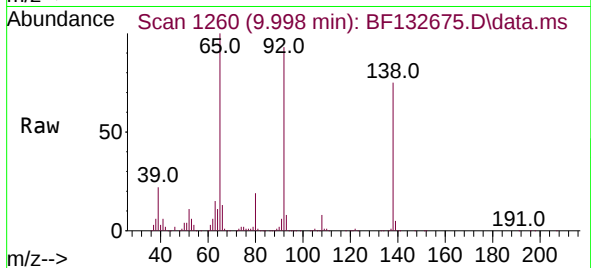
ClientSampleId :

PB151231BS

Tgt Ion:138 Resp: 319200
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 123.1 97.2 145.8

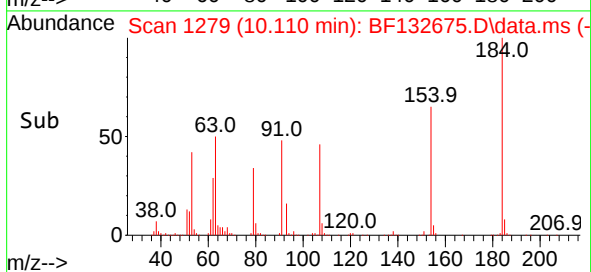
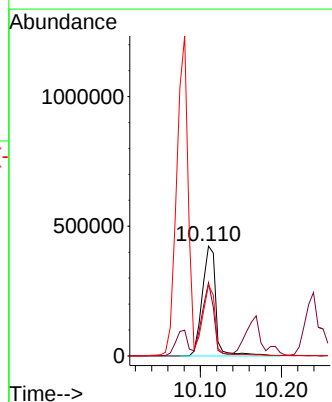
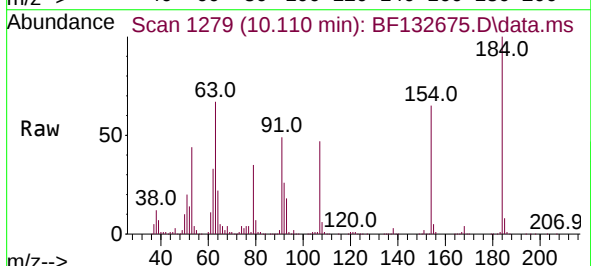
Manual Integrations
APPROVED

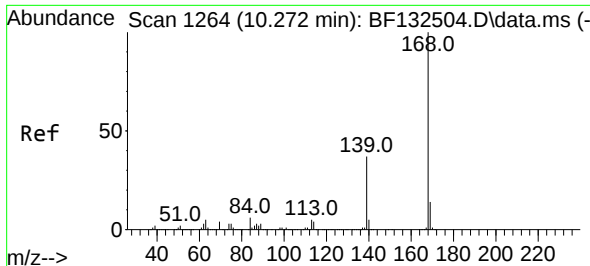
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#54
2,4-Dinitrophenol
Concen: 82.553 ng
RT: 10.110 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

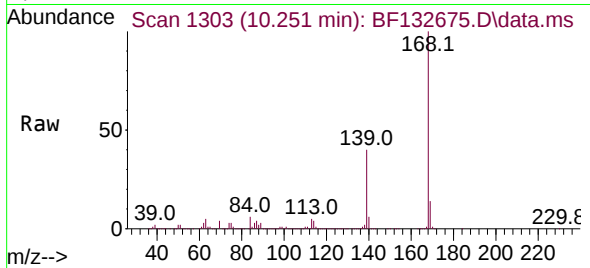
Tgt Ion:184 Resp: 492699
Ion Ratio Lower Upper
184 100
63 66.6 51.4 77.2
154 64.6 48.3 72.5





#55
Dibenzofuran
Concen: 36.218 ng
RT: 10.251 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

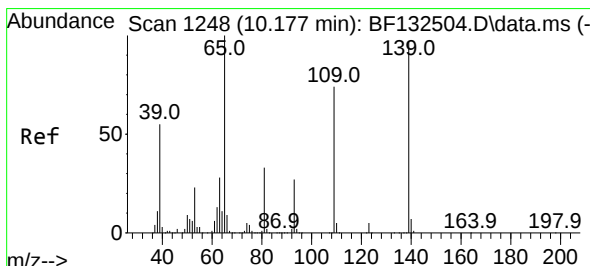
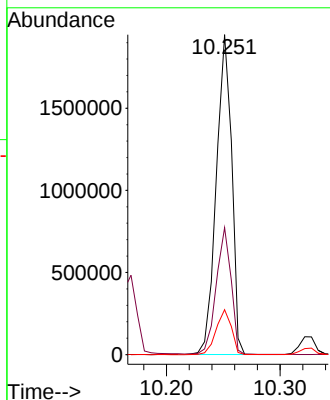
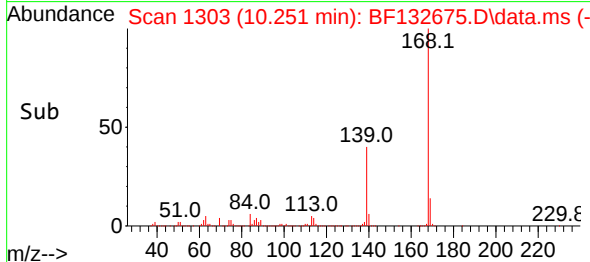
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:168 Resp: 1827536
Ion Ratio Lower Upper
168 100
139 39.7 29.8 44.6
169 14.0 10.9 16.3

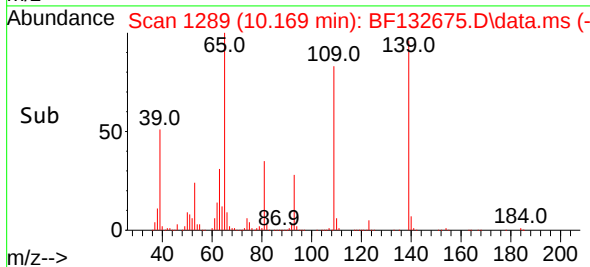
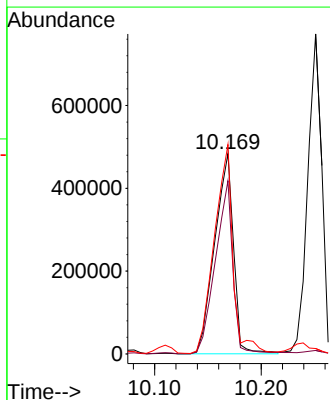
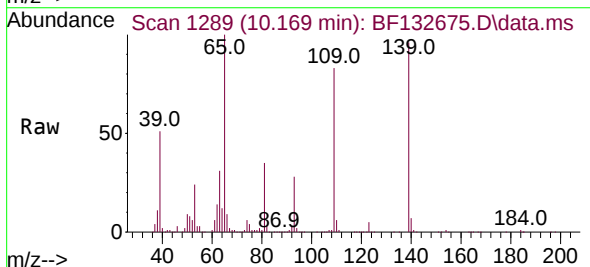
Manual Integrations
APPROVED

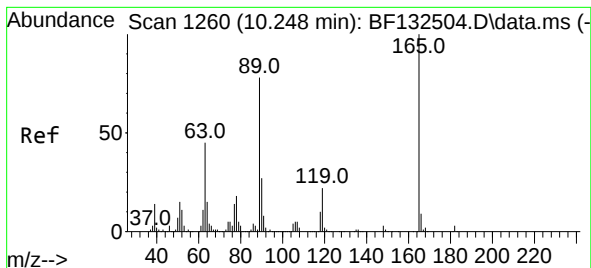
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#56
4-Nitrophenol
Concen: 75.336 ng
RT: 10.169 min Scan# 1289
Delta R.T. 0.018 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

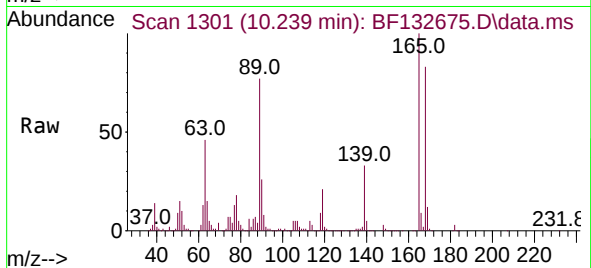
Tgt Ion:139 Resp: 594801
Ion Ratio Lower Upper
139 100
109 86.5 56.7 96.7
65 104.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 39.470 ng
RT: 10.239 min Scan# 1362
Delta R.T. 0.012 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

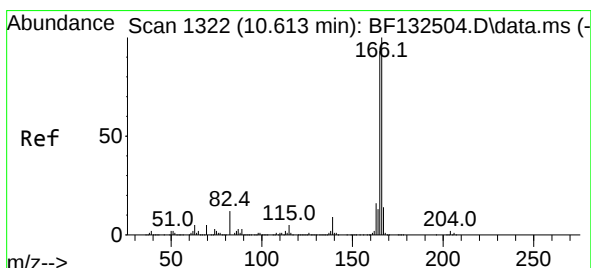
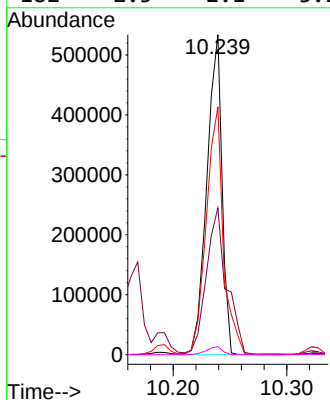
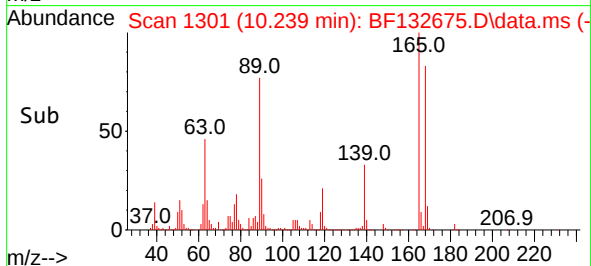
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:165 Resp: 496965
Ion Ratio Lower Upper
165 100
63 45.9 36.5 54.7
89 77.4 62.4 93.6
182 2.5 2.1 3.1

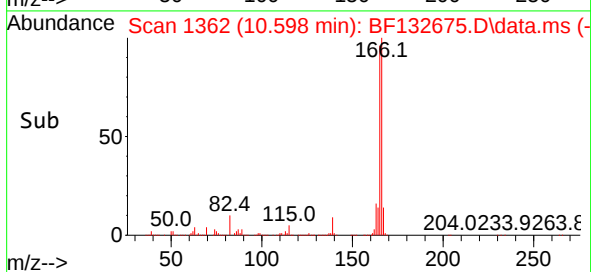
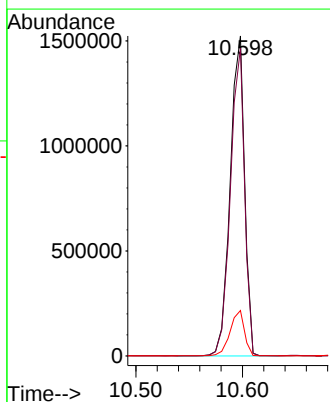
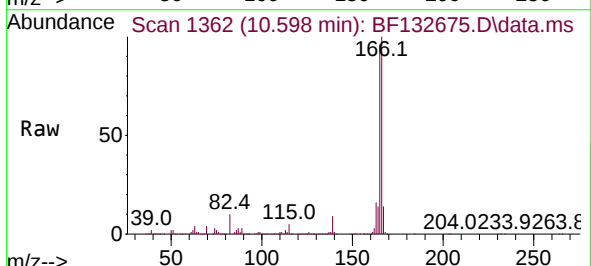
Manual Integrations
APPROVED

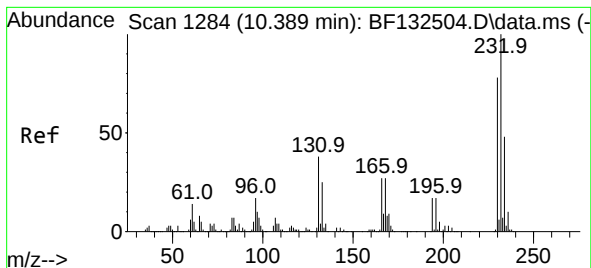
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
Fluorene
Concen: 37.021 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

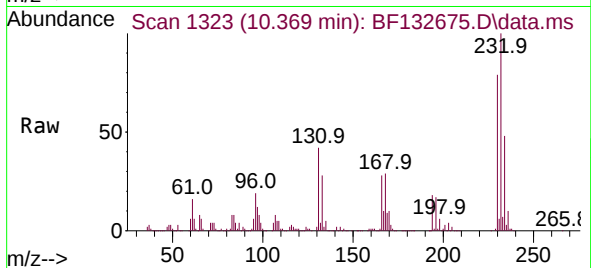
Tgt Ion:166 Resp: 1428896
Ion Ratio Lower Upper
166 100
165 96.1 74.2 111.4
167 14.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.961 ng
RT: 10.369 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

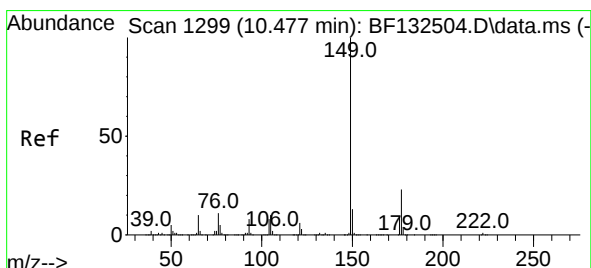
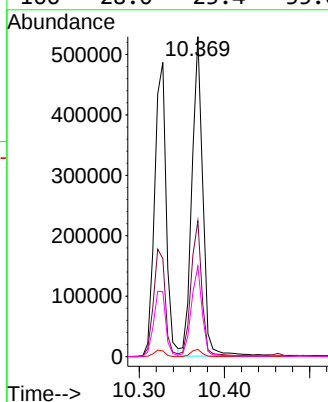
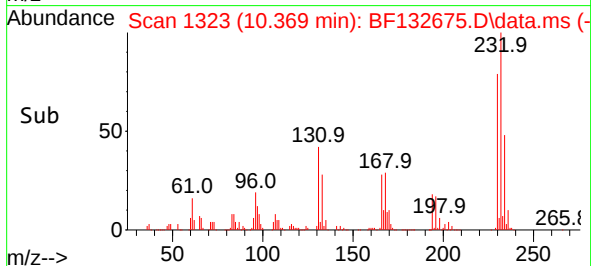
Instrument :
BNA_F
ClientSampleId :
PB151231BS



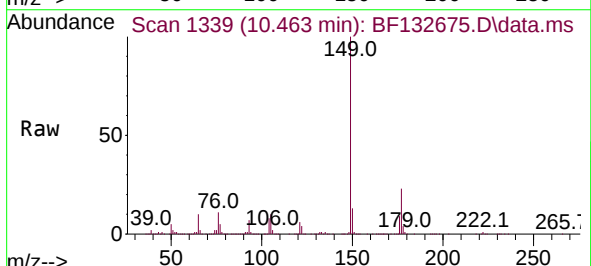
Tgt Ion:232 Resp: 471347
Ion Ratio Lower Upper
232 100
131 41.9 33.8 50.8
130 2.2 1.7 2.5
166 28.0 23.4 35.0

Manual Integrations
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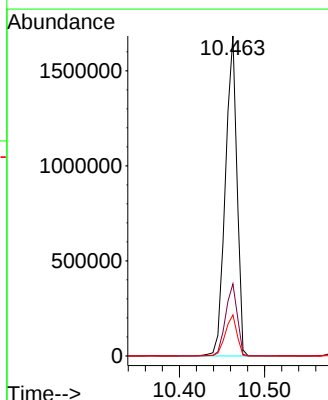
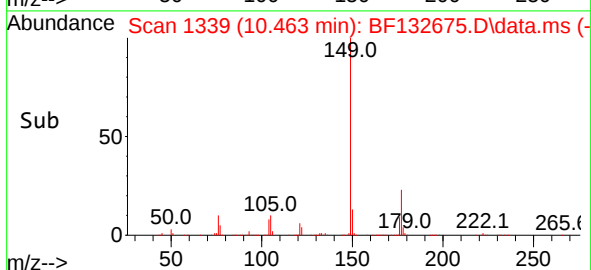
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

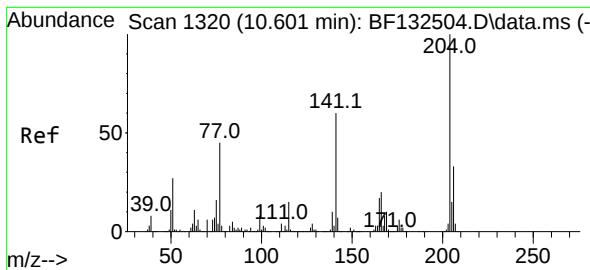


#60
Diethylphthalate
Concen: 39.056 ng
RT: 10.463 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



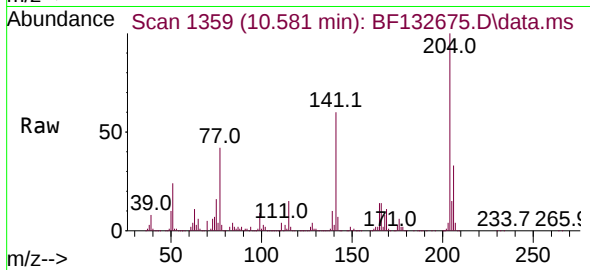
Tgt Ion:149 Resp: 1585127
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.676 ng
RT: 10.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

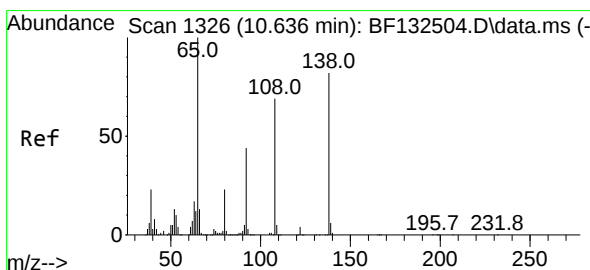
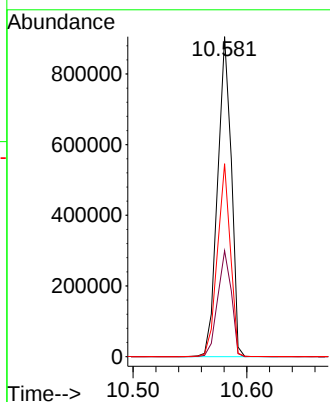
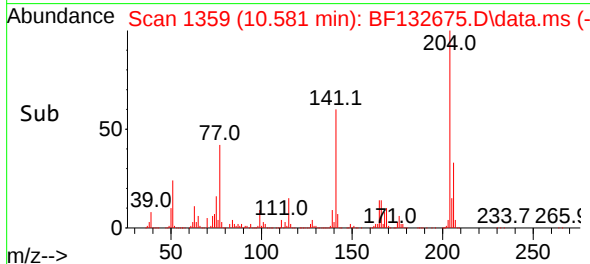
Instrument :
BNA_F
ClientSampleId :
PB151231BS



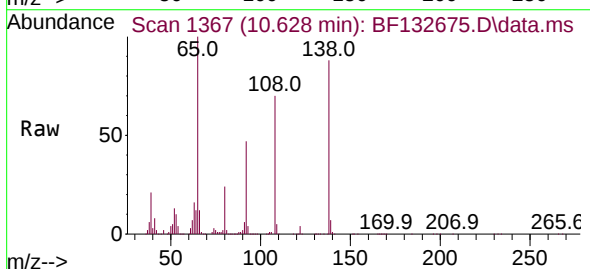
Tgt Ion:204 Resp: 754365
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 60.3 47.8 71.8

Manual Integrations
APPROVED

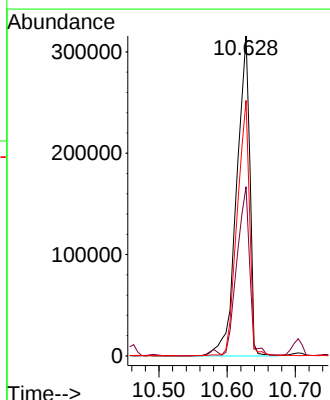
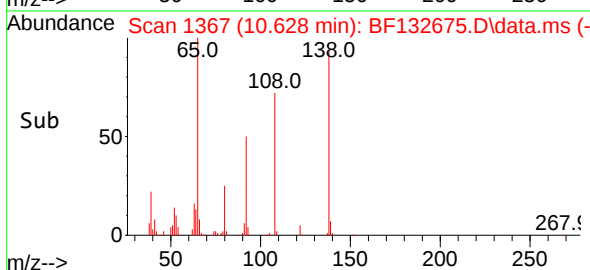
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

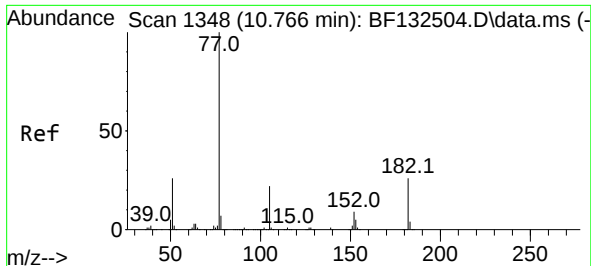


#62
4-Nitroaniline
Concen: 40.781 ng
RT: 10.628 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



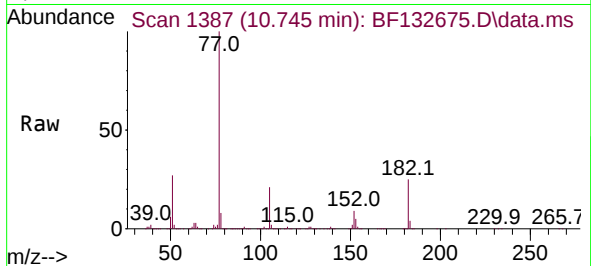
Tgt Ion:138 Resp: 423803
Ion Ratio Lower Upper
138 100
92 52.9 33.8 73.8
108 79.8 63.7 103.7





#63
Azobenzene
Concen: 36.878 ng
RT: 10.745 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

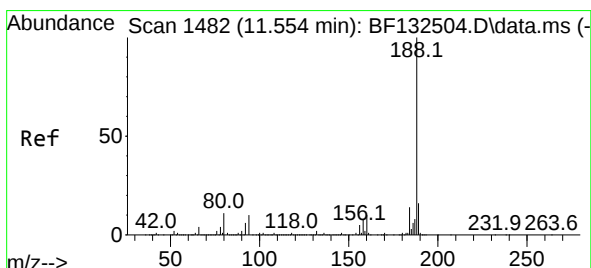
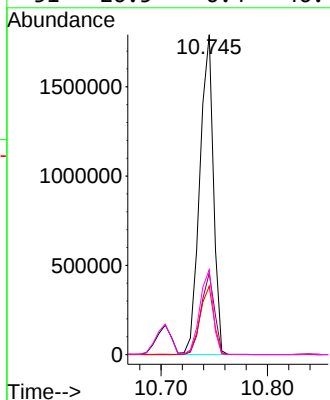
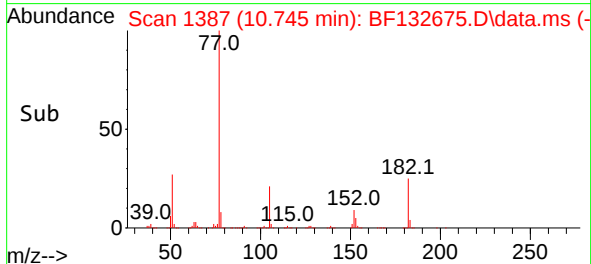
Instrument :
BNA_F
ClientSampleId :
PB151231BS



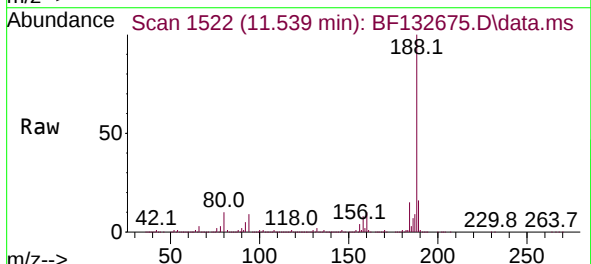
Tgt Ion: 77 Resp: 158517
Ion Ratio Lower Upper
77 100
182 25.5 5.5 45.5
105 21.4 1.8 41.8
51 26.5 6.4 46.4

Manual Integrations
APPROVED

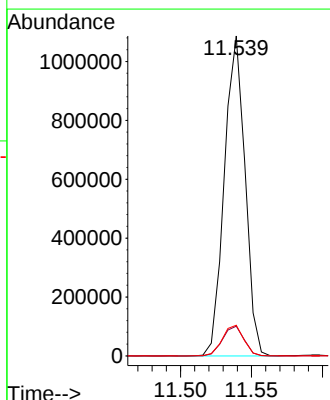
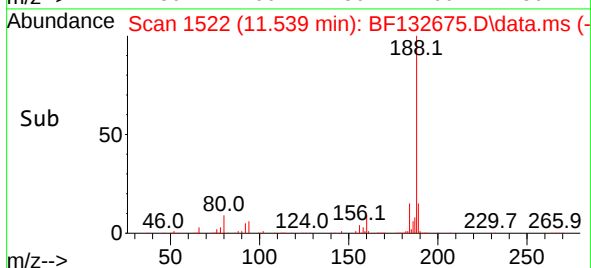
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

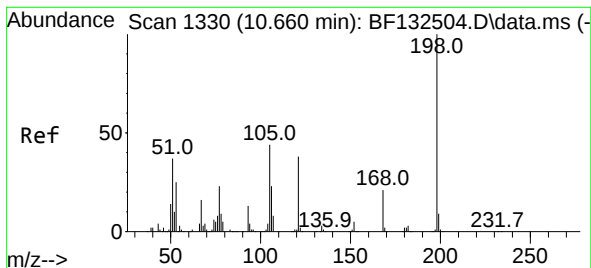


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



Tgt Ion:188 Resp: 1103681
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.6 8.7 13.1





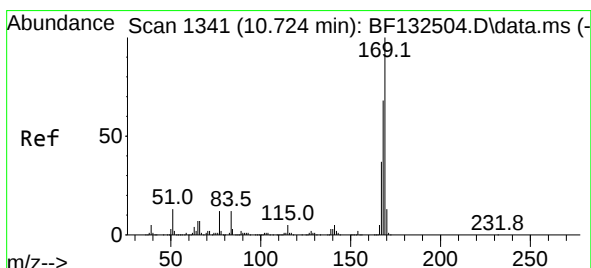
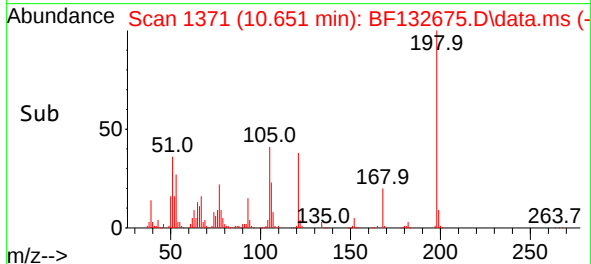
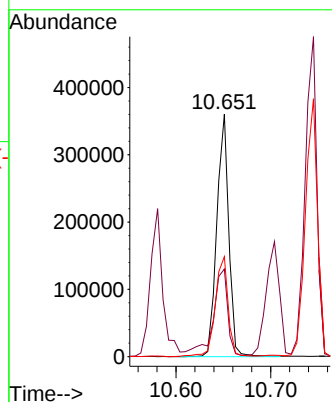
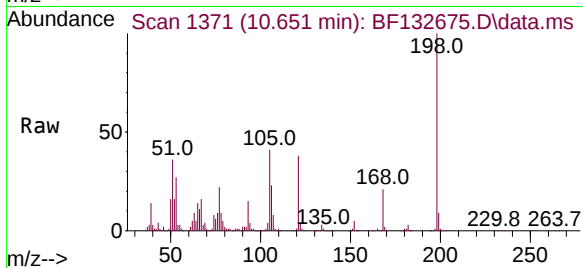
#65
4,6-Dinitro-2-methylphenol
Concen: 42.214 ng
RT: 10.651 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :
BNA_F
ClientSampleId :
PB151231BS

Tgt Ion:198 Resp: 315399
Ion Ratio Lower Upper
198 100
51 36.1 20.6 60.6
105 41.2 24.3 64.3

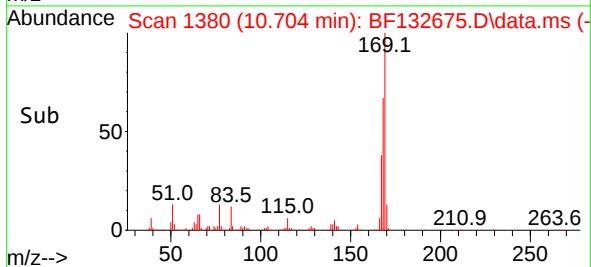
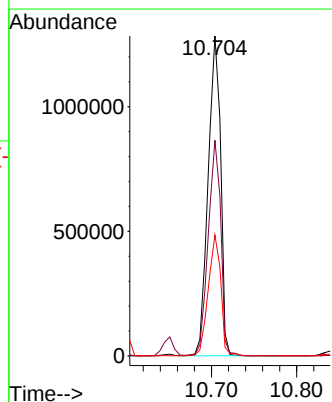
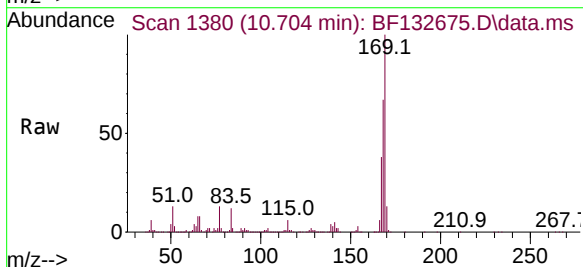
Manual Integrations
APPROVED

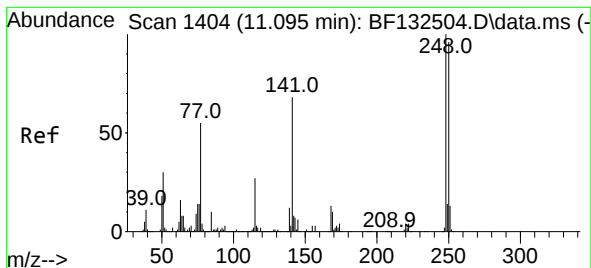
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#66
n-Nitrosodiphenylamine
Concen: 38.003 ng
RT: 10.704 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

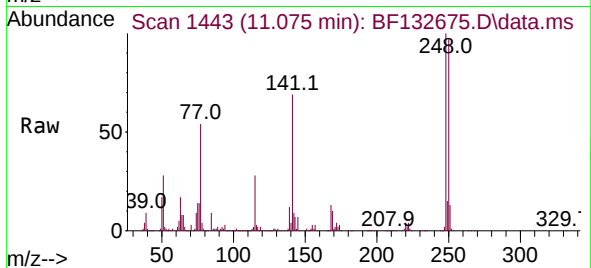
Tgt Ion:169 Resp: 1307625
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 37.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 40.225 ng
RT: 11.075 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

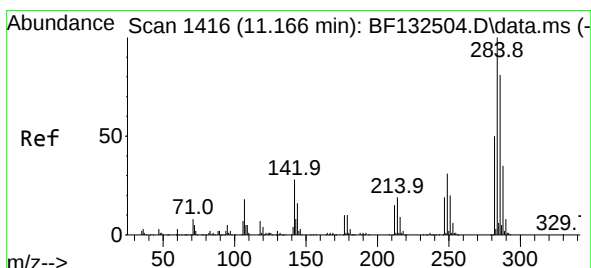
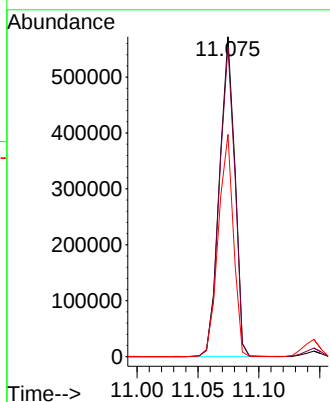
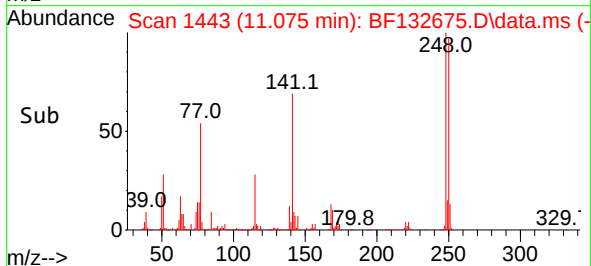
Instrument :
BNA_F
ClientSampleId :
PB151231BS



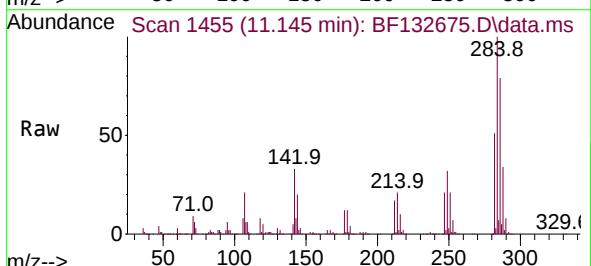
Tgt Ion:248 Resp: 502179
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.4
141 69.4 54.2 81.2

Manual Integrations
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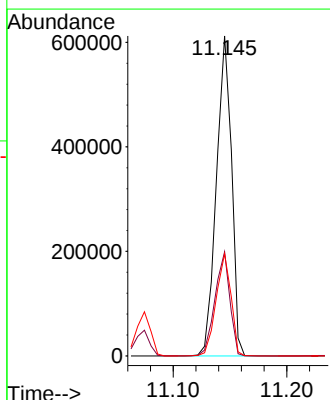
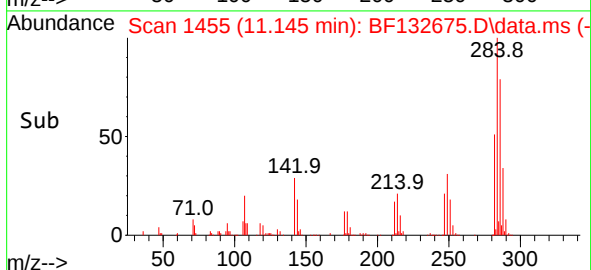
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

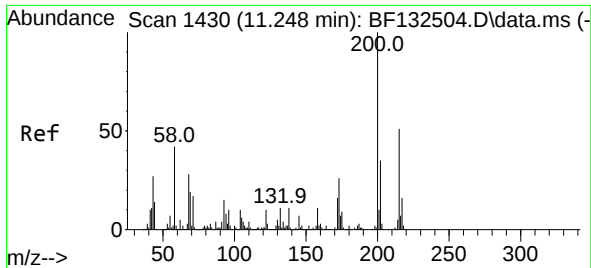


#68
Hexachlorobenzene
Concen: 42.964 ng
RT: 11.145 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



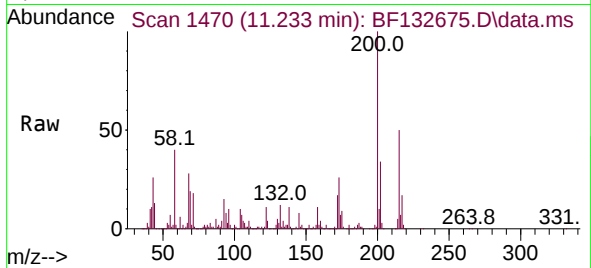
Tgt Ion:284 Resp: 564395
Ion Ratio Lower Upper
284 100
142 32.5 22.2 33.4
249 31.9 24.9 37.3





#69
 Atrazine
 Concen: 44.215 ng
 RT: 11.233 min Scan# 1430
 Delta R.T. 0.012 min
 Lab File: BF132675.D
 Acq: 07 Mar 2023 13:21

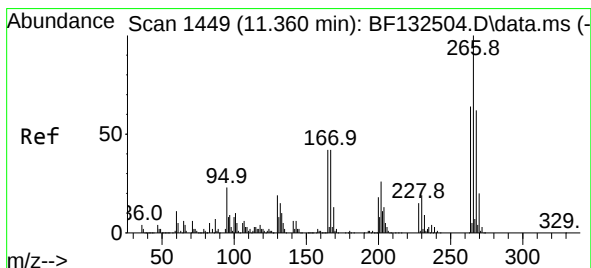
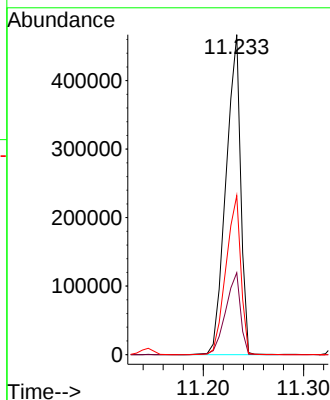
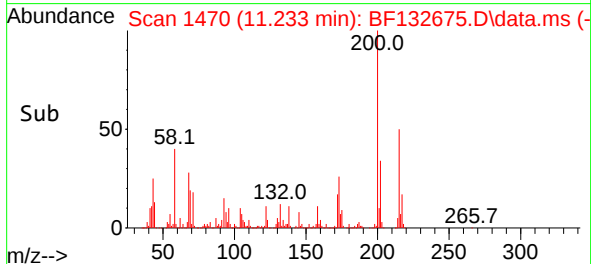
Instrument :
 BNA_F
 ClientSampleId :
 PB151231BS



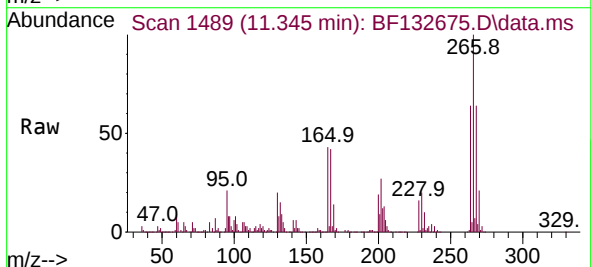
Tgt Ion:200 Resp: 474945
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.4 46.4
 215 49.7 31.0 71.0

Manual Integrations
 APPROVED

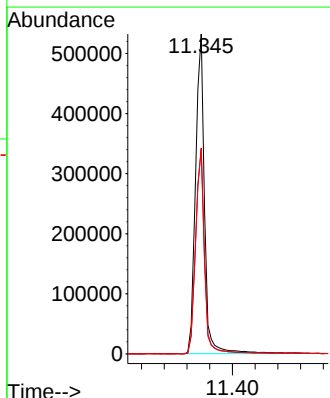
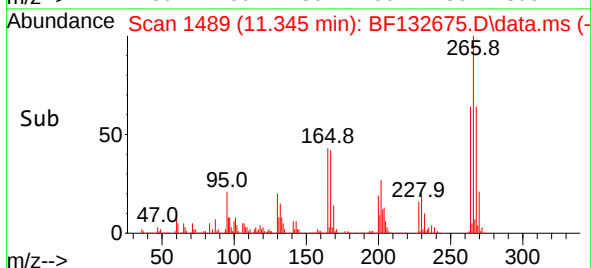
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

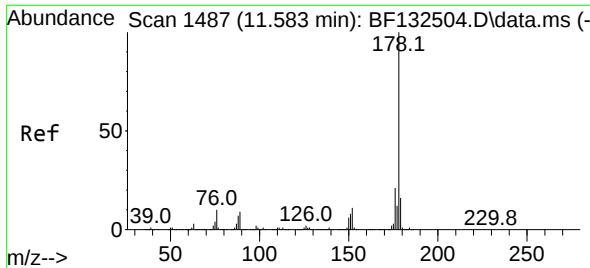


#70
 Pentachlorophenol
 Concen: 74.262 ng
 RT: 11.345 min Scan# 1489
 Delta R.T. 0.006 min
 Lab File: BF132675.D
 Acq: 07 Mar 2023 13:21



Tgt Ion:266 Resp: 580415
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 64.1 50.9 76.3





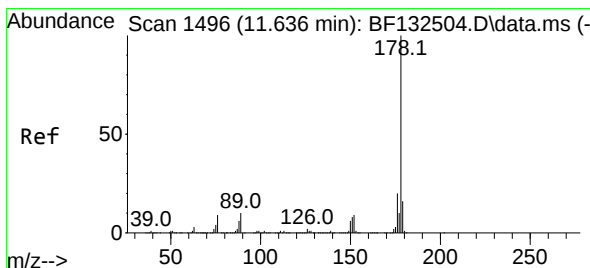
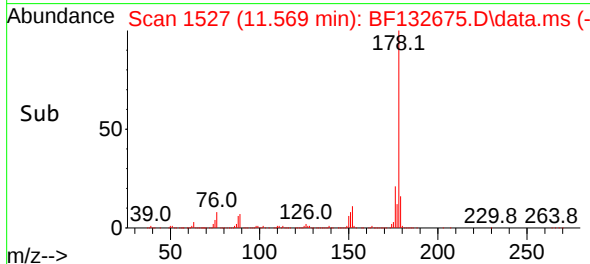
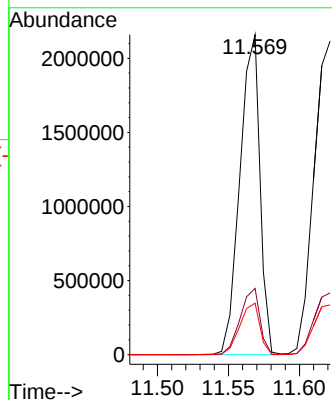
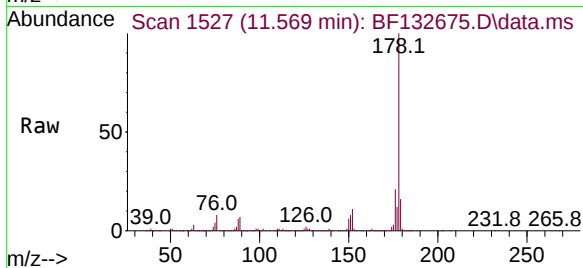
#71
Phenanthrene
Concen: 36.969 ng
RT: 11.569 min Scan# 11536
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :
BNA_F
ClientSampleId :
PB151231BS

Tgt Ion:178 Resp: 2113758
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 16.1 13.0 19.6

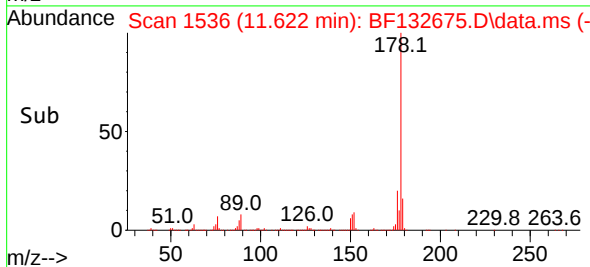
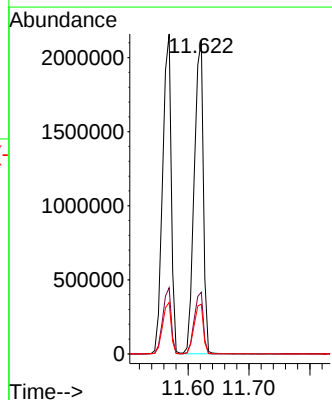
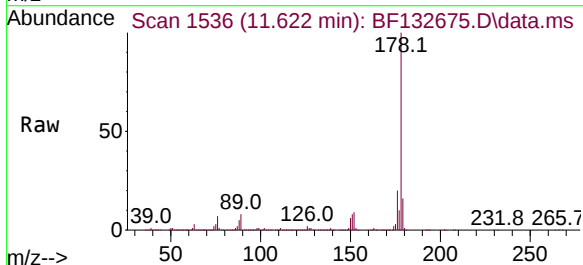
Manual Integrations
APPROVED

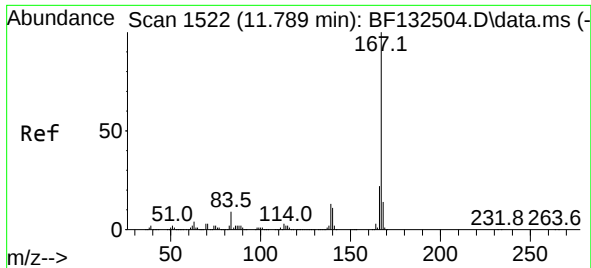
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#72
Anthracene
Concen: 37.346 ng
RT: 11.622 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

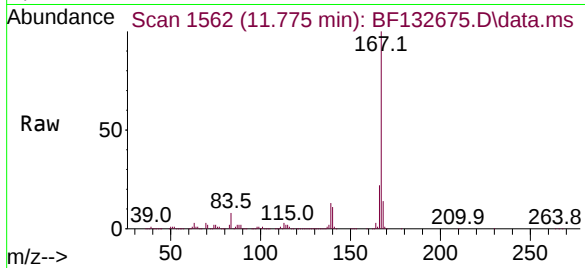
Tgt Ion:178 Resp: 2198839
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 37.863 ng
 RT: 11.775 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132675.D
 Acq: 07 Mar 2023 13:21

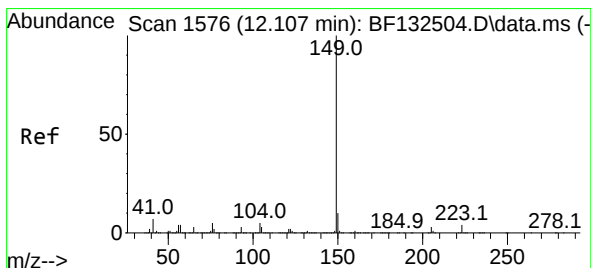
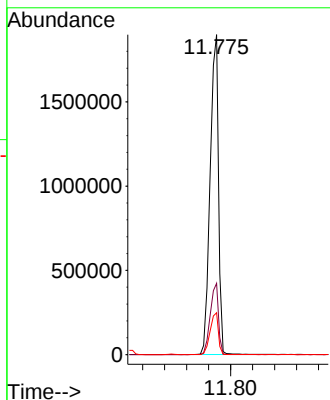
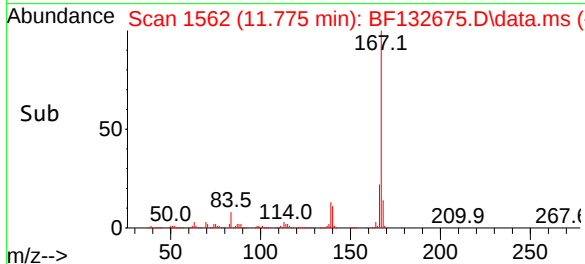
Instrument :
 BNA_F
 ClientSampleId :
 PB151231BS



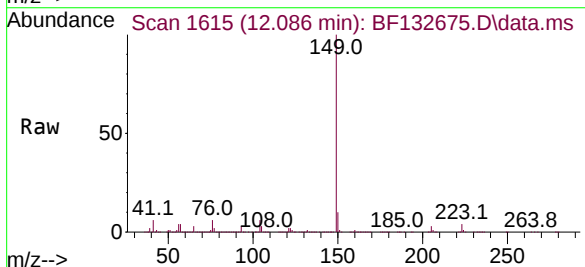
Tgt Ion:167 Resp: 2009968
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

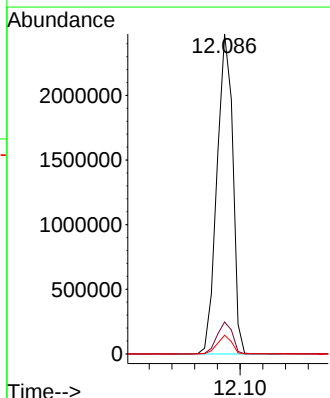
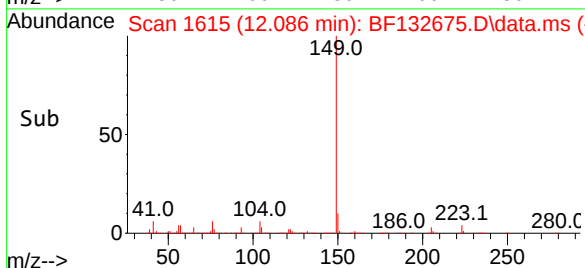
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

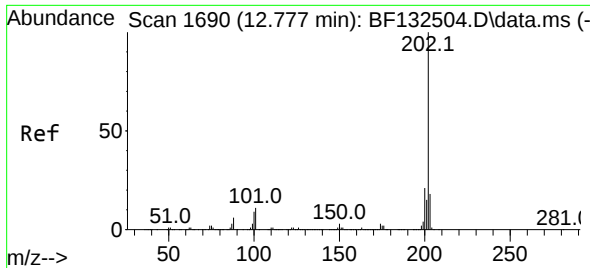


#74
 Di-n-butylphthalate
 Concen: 38.300 ng
 RT: 12.086 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF132675.D
 Acq: 07 Mar 2023 13:21



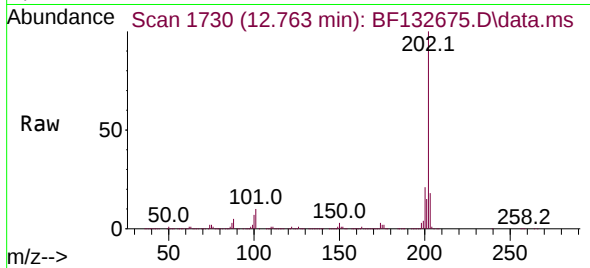
Tgt Ion:149 Resp: 2384896
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.8 4.3 6.5





#75
Fluoranthene
Concen: 37.103 ng
RT: 12.763 min Scan# 1730
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

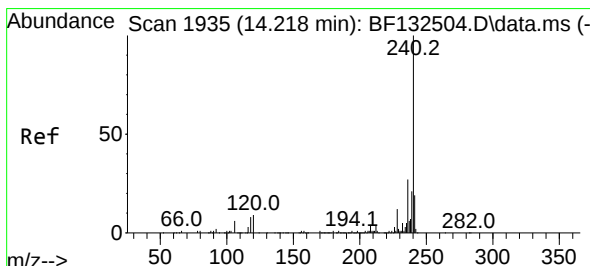
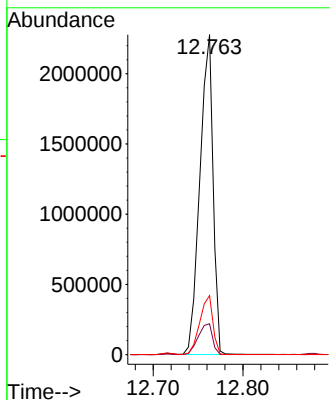
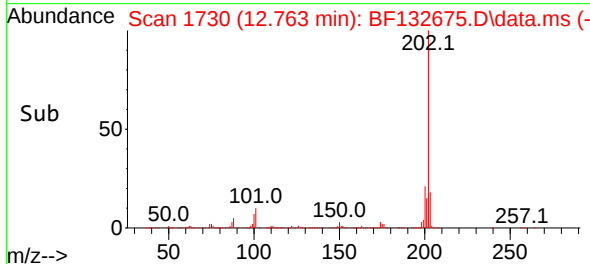
Instrument :
BNA_F
ClientSampleId :
PB151231BS



Tgt Ion:202 Resp: 2319132
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 18.4 0.0 38.0

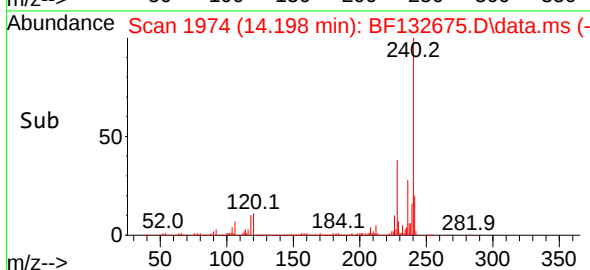
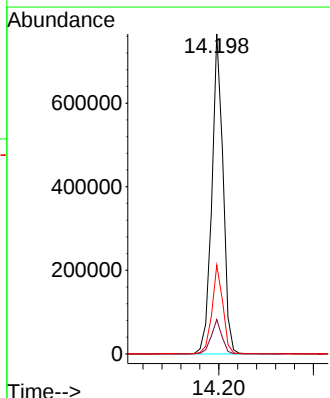
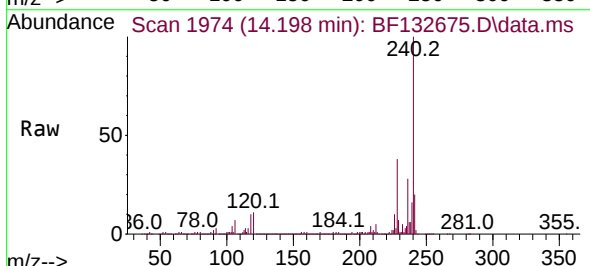
Manual Integrations
APPROVED

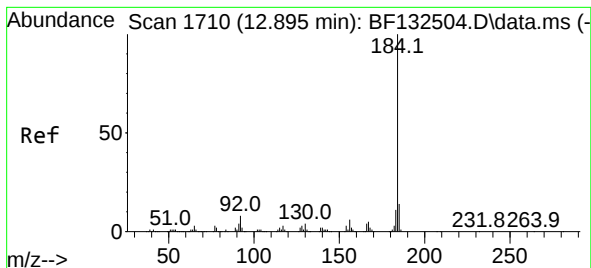
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Tgt Ion:240 Resp: 630221
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 27.7 21.8 32.6





#77

Benzidine

Concen: 76.802 ng

RT: 12.880 min Scan# 1750

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:184 Resp: 1178252

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

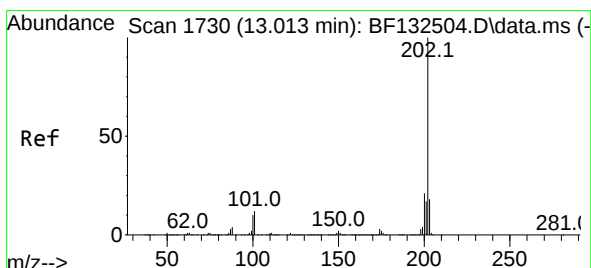
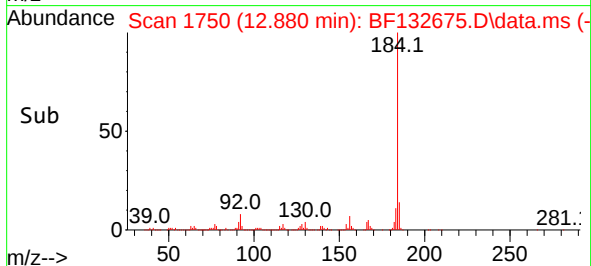
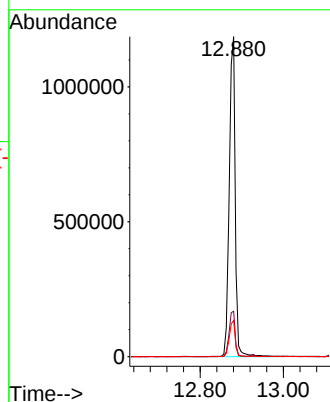
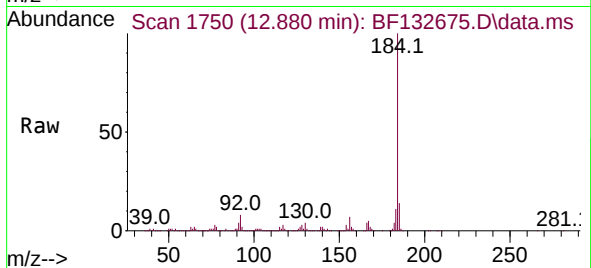
183 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#78

Pyrene

Concen: 41.155 ng

RT: 12.992 min Scan# 1769

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

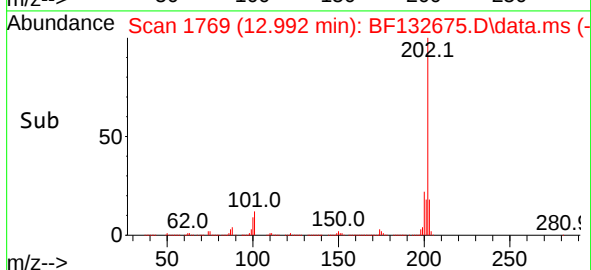
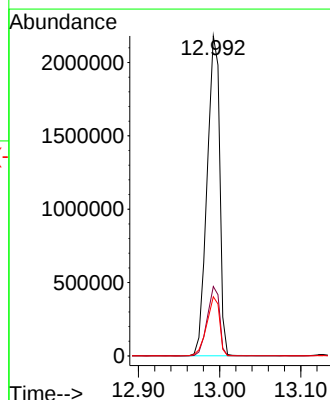
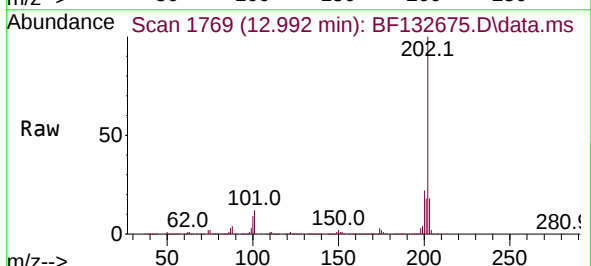
Tgt Ion:202 Resp: 2358084

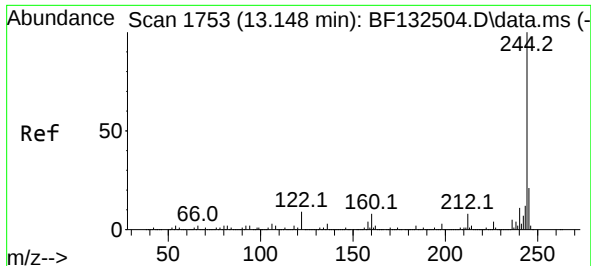
Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

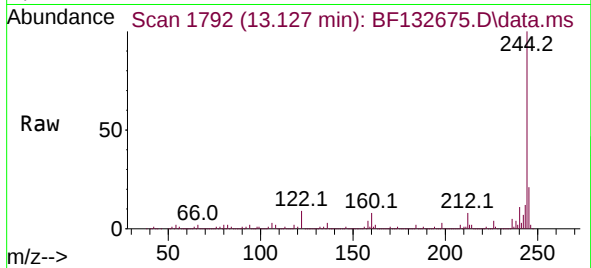
203 18.5 14.6 21.8





#79
Terphenyl-d14
Concen: 67.164 ng
RT: 13.127 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

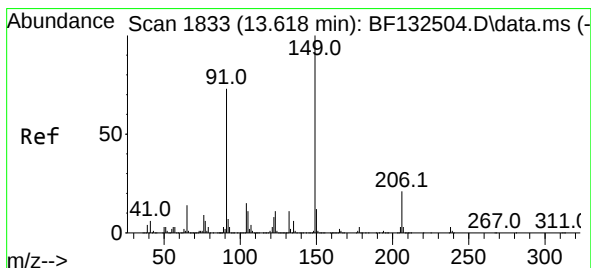
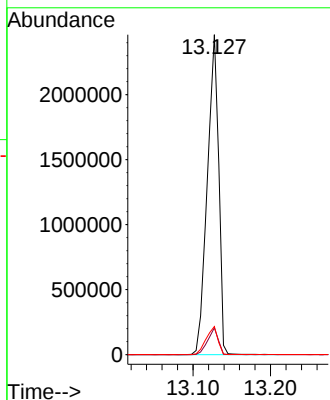
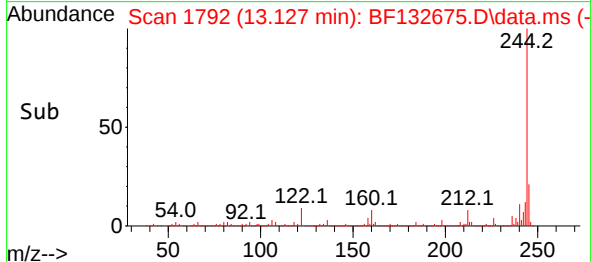
Instrument :
BNA_F
ClientSampleId :
PB151231BS



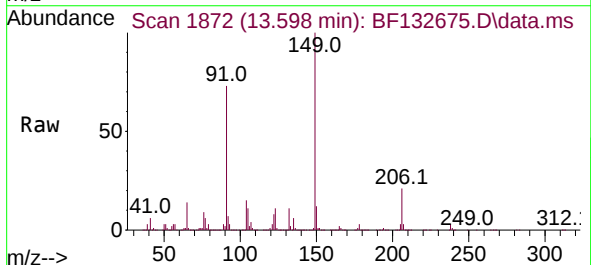
Tgt Ion:244 Resp: 2503510
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 8.8 7.5 11.3

Manual Integrations
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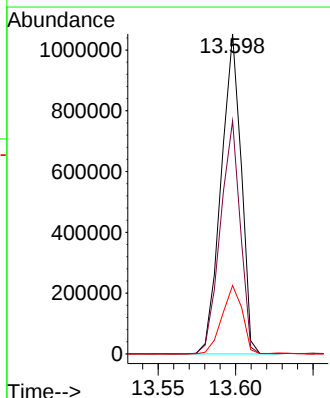
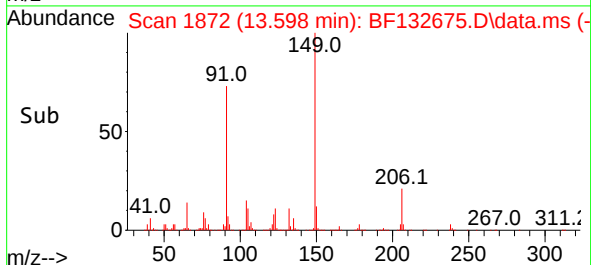
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

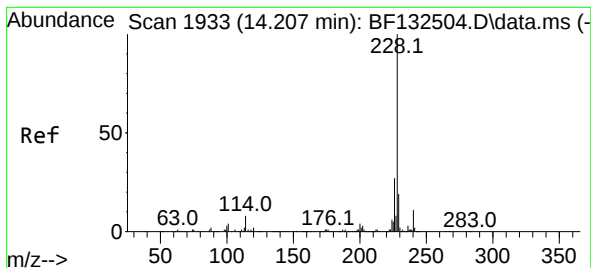


#80
Butylbenzylphthalate
Concen: 42.189 ng
RT: 13.598 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21



Tgt Ion:149 Resp: 953936
Ion Ratio Lower Upper
149 100
91 72.8 58.4 87.6
206 21.4 16.8 25.2





#81

Benzo(a)anthracene

Concen: 40.208 ng

RT: 14.186 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:228 Resp: 1896000

Ion Ratio Lower Upper

228 100

226 28.7 21.7 32.5

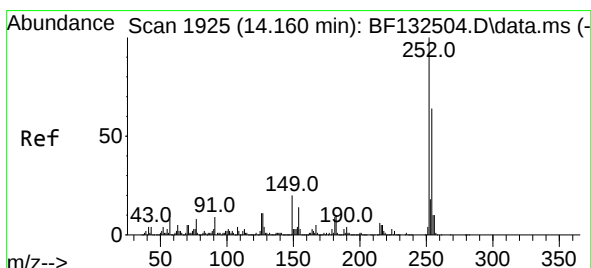
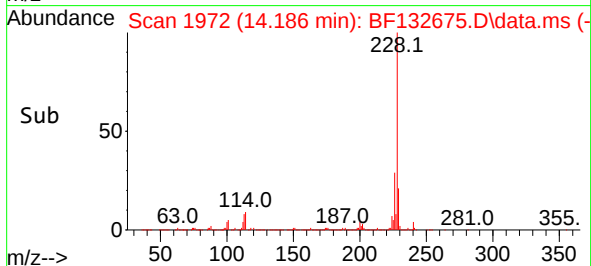
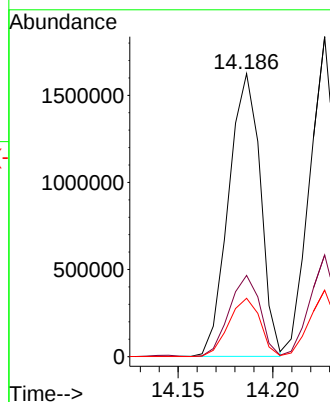
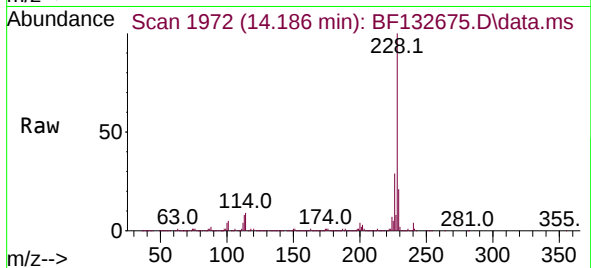
229 20.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 29.966 ng

RT: 14.145 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

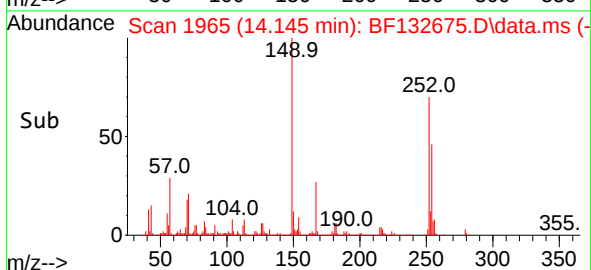
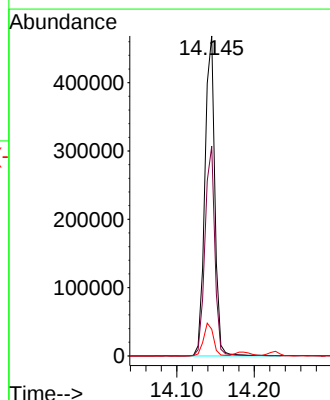
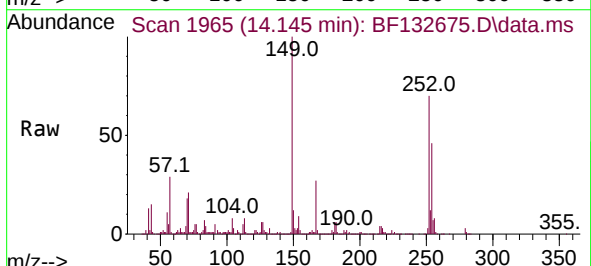
Tgt Ion:252 Resp: 416586

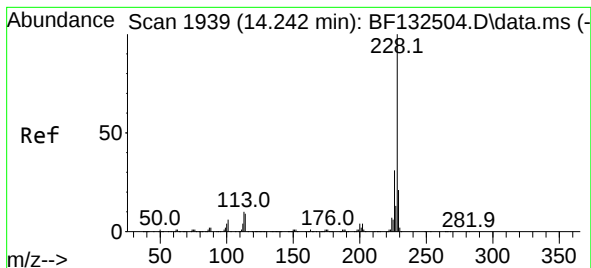
Ion Ratio Lower Upper

252 100

254 65.5 51.4 77.2

126 8.3 8.9 13.3





#83

Chrysene

Concen: 39.631 ng

RT: 14.227 min Scan# 1939

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:228 Resp: 1747522

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

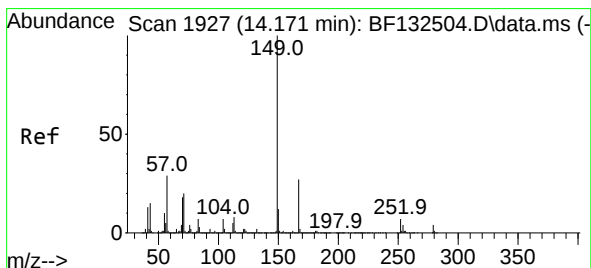
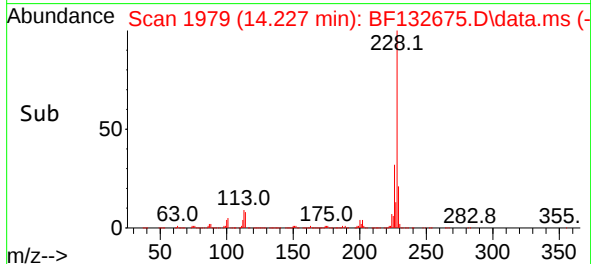
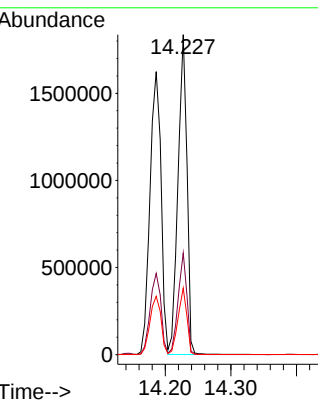
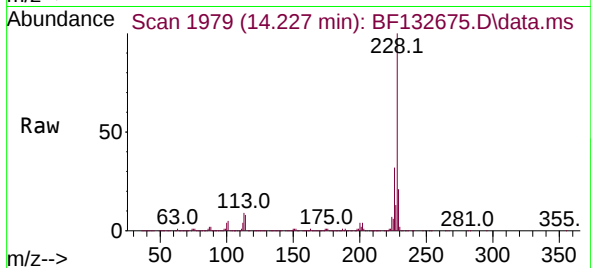
229 20.8 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.736 ng

RT: 14.151 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

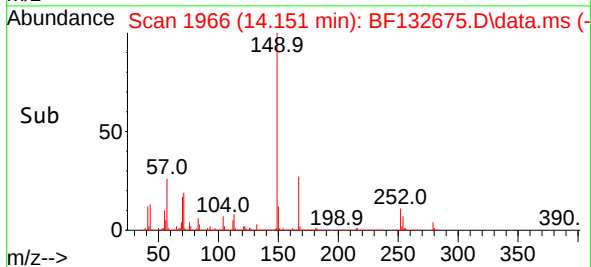
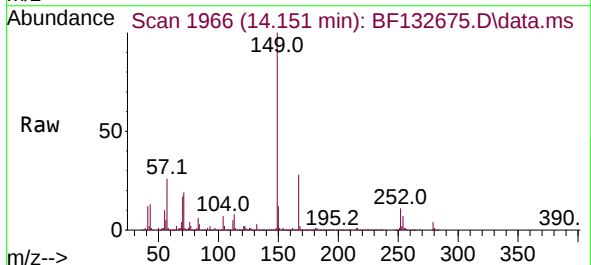
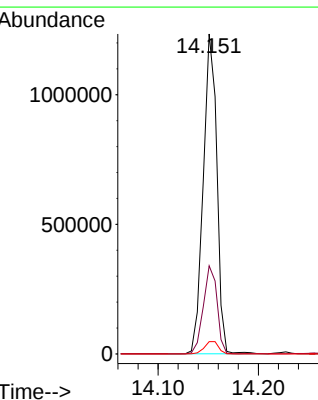
Tgt Ion:149 Resp: 1159274

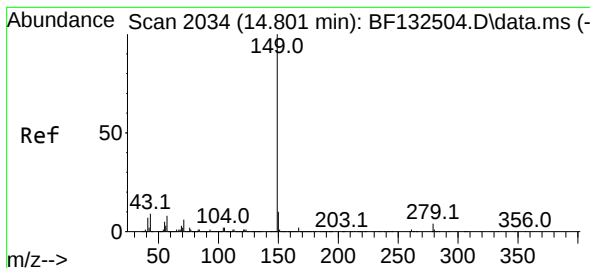
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.156 ng

RT: 14.780 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:149 Resp: 1792300

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

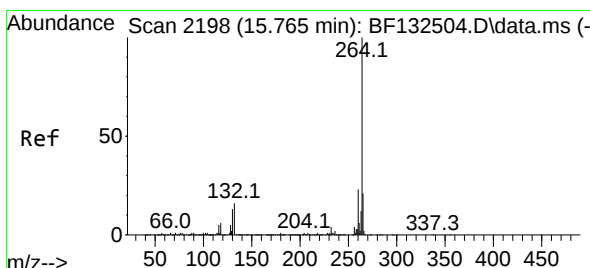
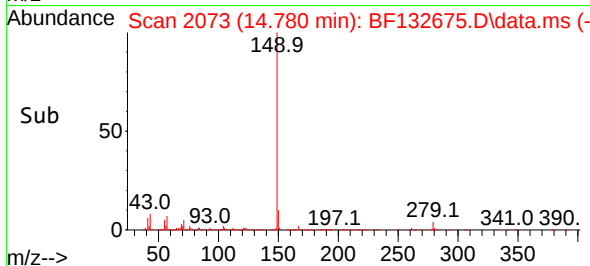
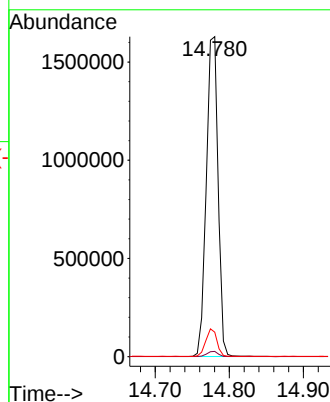
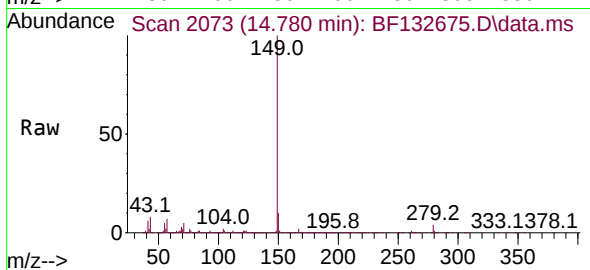
43 8.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.745 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

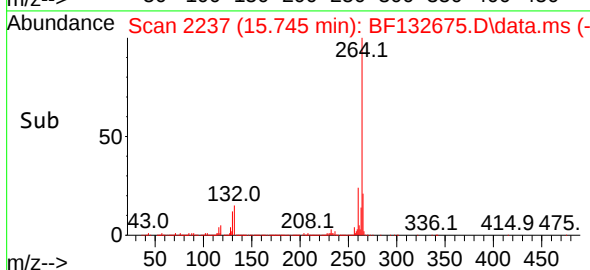
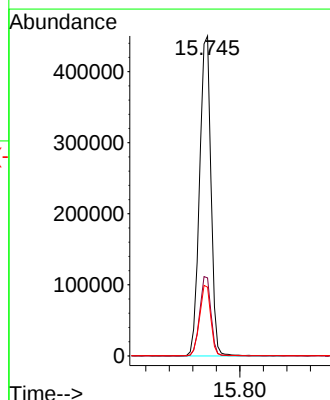
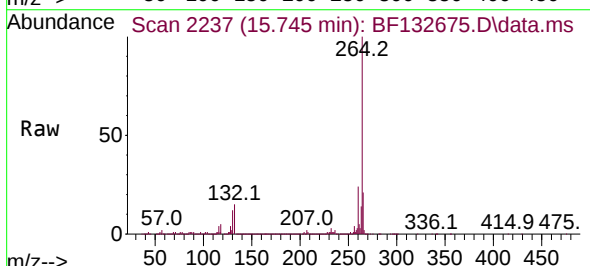
Tgt Ion:264 Resp: 603604

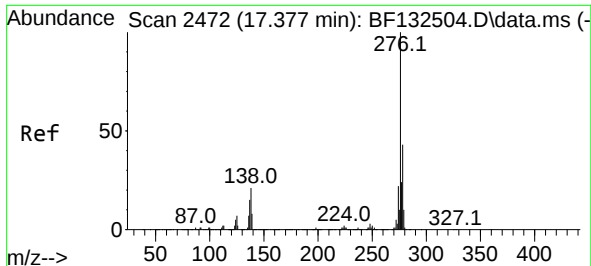
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.133 ng
RT: 17.345 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

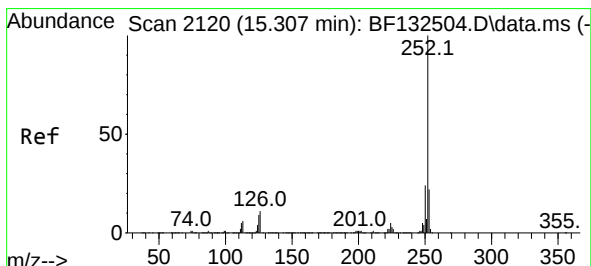
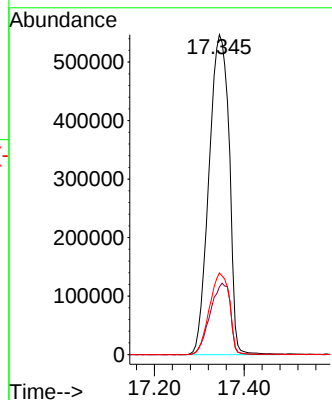
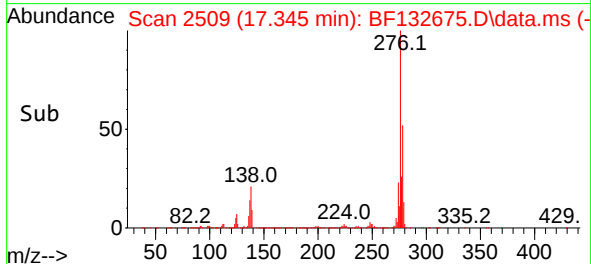
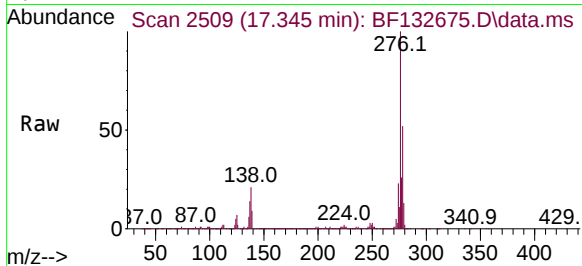
ClientSampleId :

PB151231BS

Tgt Ion:276 Resp: 1705963
Ion Ratio Lower Upper
276 100
138 22.4 19.0 28.4
277 25.3 20.0 30.0

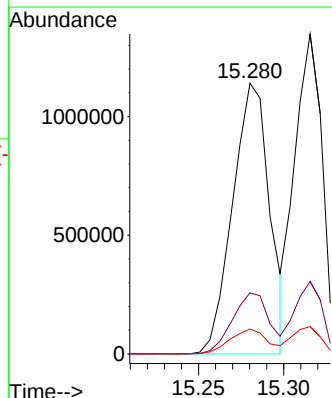
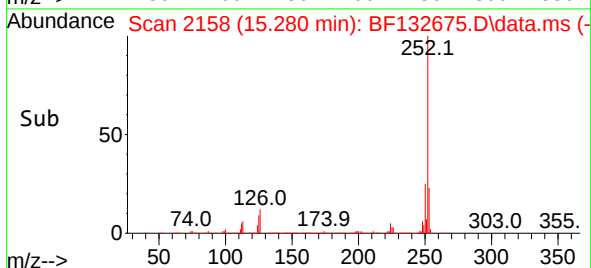
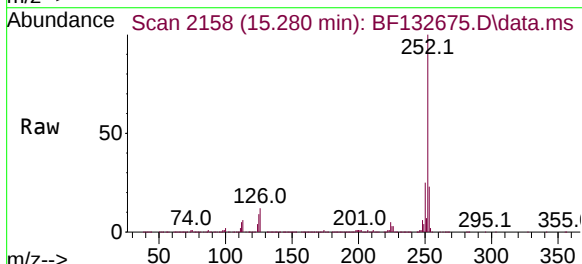
Manual Integrations
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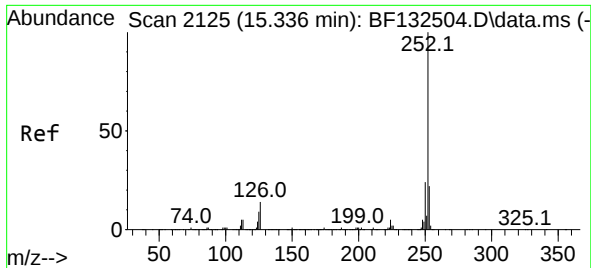
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#88
Benzo(b)fluoranthene
Concen: 42.547 ng
RT: 15.280 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Tgt Ion:252 Resp: 1721047
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.480 ng

RT: 15.316 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB151231BS

Tgt Ion:252 Resp: 152335

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

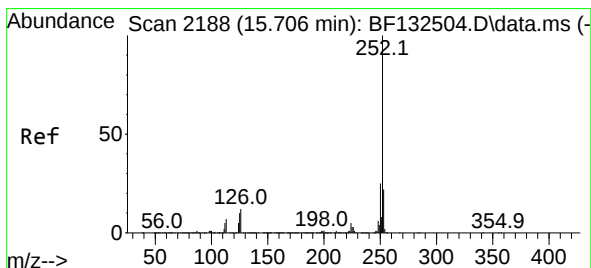
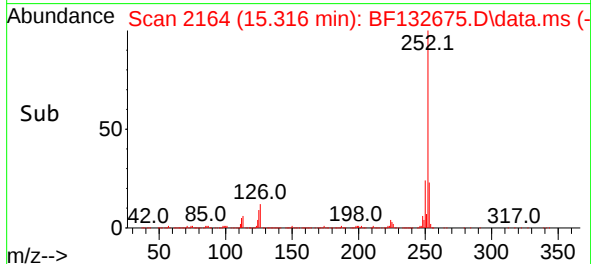
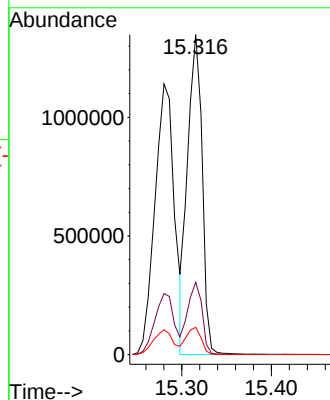
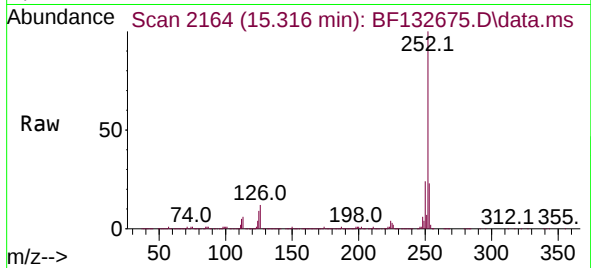
125 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#90

Benzo(a)pyrene

Concen: 38.625 ng

RT: 15.680 min Scan# 2226

Delta R.T. 0.006 min

Lab File: BF132675.D

Acq: 07 Mar 2023 13:21

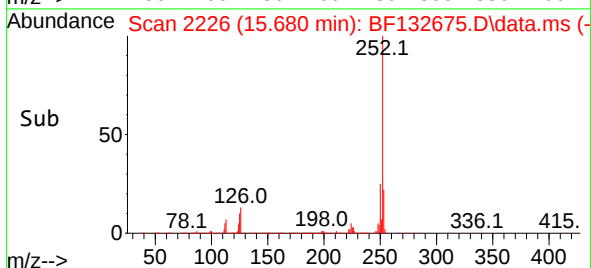
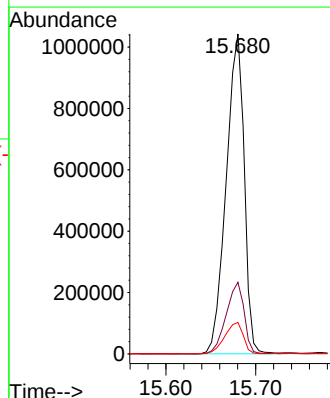
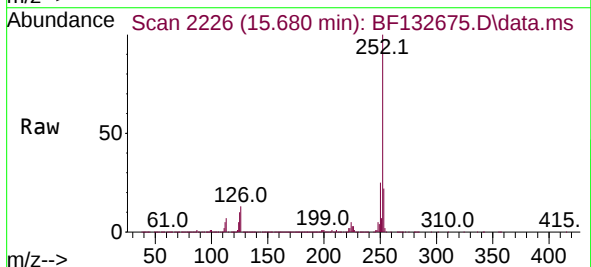
Tgt Ion:252 Resp: 1462276

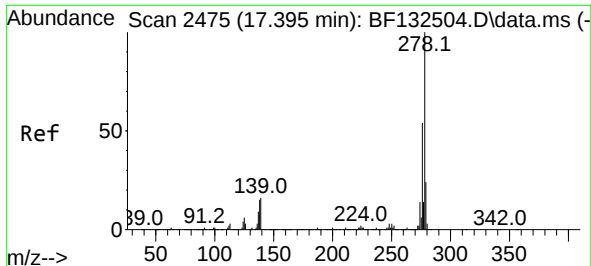
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 9.8 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 42.251 ng
RT: 17.362 min Scan# 2512
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Instrument :

BNA_F

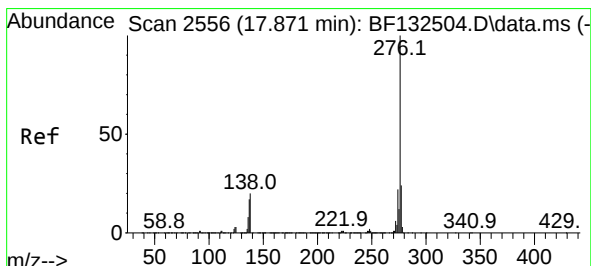
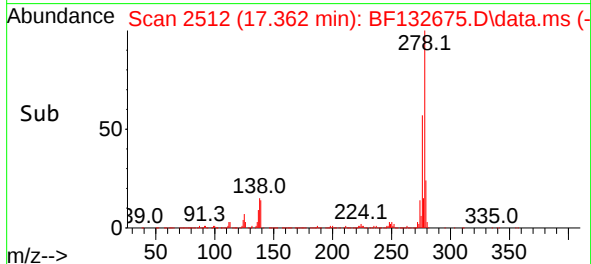
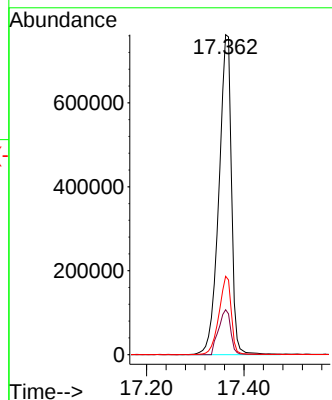
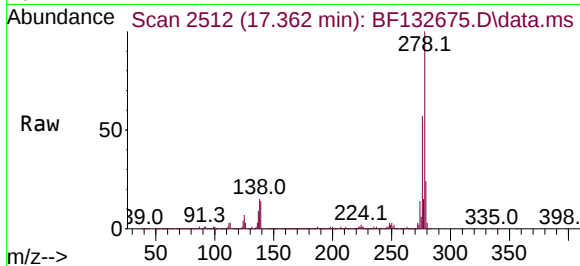
ClientSampleId :

PB151231BS

Tgt Ion:278 Resp: 1361525
Ion Ratio Lower Upper
278 100
139 14.0 13.0 19.4
279 24.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#92
Benzo(g,h,i)perylene
Concen: 39.798 ng
RT: 17.839 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF132675.D
Acq: 07 Mar 2023 13:21

Tgt Ion:276 Resp: 1438966
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 19.6 16.2 24.4

