

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132224.D
 Acq On : 30 Jan 2023 22:26
 Operator : CG\JU
 Sample : 01353-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/31/2023
 Supervised By : Jagrut Upadhyay 01/31/2023

Quant Time: Jan 31 00:35:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	213500	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	793482	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	424756	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	752255	20.000	ng	0.00
76) Chrysene-d12	14.295	240	362676	20.000	ng	0.00
86) Perylene-d12	15.883	264	412993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1271829	99.114	ng	0.02
7) Phenol-d6	6.696	99	1632749	101.479	ng	0.00
23) Nitrobenzene-d5	7.643	82	1002886	66.169	ng	0.00
42) 2,4,6-Tribromophenol	10.931	330	434051	110.356	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1769417	61.296	ng	0.00
79) Terphenyl-d14	13.225	244	1538854	66.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.108	88	268290	41.541	ng	97
3) Pyridine	3.831	79	675788	38.098	ng	99
4) n-Nitrosodimethylamine	3.796	42	246259	41.481	ng	89
6) Aniline	6.743	93	641994	28.495	ng	98
8) 2-Chlorophenol	6.866	128	668166	51.931	ng	95
9) Benzaldehyde	6.631	77	467055	58.758	ng	98
10) Phenol	6.707	94	810383	48.382	ng	97
11) bis(2-Chloroethyl)ether	6.813	93	671831	46.499	ng	94
12) 1,3-Dichlorobenzene	7.025	146	699156	48.879	ng	97
13) 1,4-Dichlorobenzene	7.101	146	704909	49.434	ng	98
14) 1,2-Dichlorobenzene	7.254	146	677248	51.125	ng	98
15) Benzyl Alcohol	7.219	79	562578	47.585	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.348	45	732822	44.663	ng	97
17) 2-Methylphenol	7.319	107	539681	46.132	ng	99
18) Hexachloroethane	7.595	117	264443	50.469	ng	97
19) n-Nitroso-di-n-propyla...	7.490	70	429903	44.393	ng	95
20) 3+4-Methylphenols	7.472	107	687435	46.755	ng	93
22) Acetophenone	7.490	105	870222	44.855	ng	97
24) Nitrobenzene	7.666	77	692598	44.199	ng	94
25) Isophorone	7.901	82	1306553	44.824	ng	97
26) 2-Nitrophenol	7.978	139	329232	51.521	ng	96
27) 2,4-Dimethylphenol	8.007	122	602581	49.436	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	802377	44.711	ng	99
29) 2,4-Dichlorophenol	8.219	162	557761	49.006	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	619269	47.363	ng	100
31) Naphthalene	8.390	128	1759934	44.827	ng	99
32) Benzoic acid	8.107	122	350015m	43.622	ng	
33) 4-Chloroaniline	8.431	127	168025	9.872	ng	97
34) Hexachlorobutadiene	8.501	225	381715	46.735	ng	98
35) Caprolactam	8.813	113	181685m	56.380	ng	
36) 4-Chloro-3-methylphenol	8.907	107	574985	49.334	ng	99
37) 2-Methylnaphthalene	9.084	142	1204581	44.717	ng	99
38) 1-Methylnaphthalene	9.184	142	1116336	44.674	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	639795	44.883	ng	99
41) Hexachlorocyclopentadiene	9.237	237	729738	100.786	ng	100
43) 2,4,6-Trichlorophenol	9.354	196	433748	49.869	ng	99

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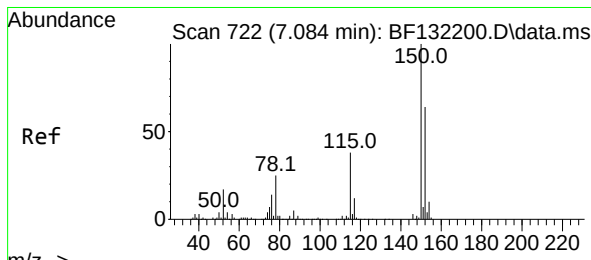
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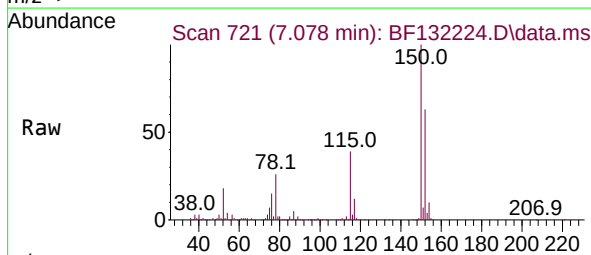
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	456014	44.769	ng	98
46) 1,1'-Biphenyl	9.548	154	1454655	44.439	ng	99
47) 2-Chloronaphthalene	9.578	162	1152969	45.381	ng	100
48) 2-Nitroaniline	9.666	65	325963	47.773	ng	94
49) Acenaphthylene	9.995	152	1766646	44.754	ng	99
50) Dimethylphthalate	9.848	163	1352305	46.912	ng	100
51) 2,6-Dinitrotoluene	9.907	165	307955	50.286	ng	94
52) Acenaphthene	10.172	154	1123962	46.311	ng	100
53) 3-Nitroaniline	10.078	138	192402	28.392	ng	96
54) 2,4-Dinitrophenol	10.184	184	182906	59.864	ng	96
55) Dibenzofuran	10.342	168	1615547	44.433	ng	99
56) 4-Nitrophenol	10.231	139	455090	92.951	ng	99
57) 2,4-Dinitrotoluene	10.319	165	397236	52.688	ng	# 82
58) Fluorene	10.689	166	1237059	44.543	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	365673	50.525	ng	99
60) Diethylphthalate	10.548	149	1339672	47.675	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	665316	45.413	ng	98
62) 4-Nitroaniline	10.701	138	287813	45.266	ng	96
63) Azobenzene	10.836	77	1296452	43.718	ng	97
65) 4,6-Dinitro-2-methylph...	10.725	198	150071	39.602	ng	93
66) n-Nitrosodiphenylamine	10.795	169	1102577	46.675	ng	99
67) 4-Bromophenyl-phenylether	11.172	248	421852	48.712	ng	97
68) Hexachlorobenzene	11.236	284	438578	51.110	ng	97
69) Atrazine	11.319	200	379536	55.978	ng	99
70) Pentachlorophenol	11.431	266	435798	76.944	ng	98
71) Phenanthrene	11.660	178	1780075	46.515	ng	99
72) Anthracene	11.713	178	1756979	45.086	ng	99
73) Carbazole	11.860	167	1499002	44.778	ng	100
74) Di-n-butylphthalate	12.183	149	1899991	49.888	ng	99
75) Fluoranthene	12.854	202	1669528	42.877	ng	99
77) Benzidine	12.972	184	434432	45.892	ng	98
78) Pyrene	13.089	202	1613005	47.468	ng	100
80) Butylbenzylphthalate	13.695	149	589174	51.414	ng	95
81) Benzo(a)anthracene	14.283	228	1198038	46.982	ng	99
82) 3,3'-Dichlorobenzidine	14.236	252	155038	22.436	ng	# 98
83) Chrysene	14.319	228	1120404	47.148	ng	100
84) Bis(2-ethylhexyl)phtha...	14.254	149	833996	56.241	ng	# 99
85) Di-n-octyl phthalate	14.889	149	1252964	56.208	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.542	276	1275247	46.703	ng	99
88) Benzo(b)fluoranthene	15.407	252	1207711	47.613	ng	99
89) Benzo(k)fluoranthene	15.442	252	1203690	45.990	ng	99
90) Benzo(a)pyrene	15.818	252	1110117	46.374	ng	99
91) Dibenzo(a,h)anthracene	17.560	278	1042362	46.690	ng	99
92) Benzo(g,h,i)perylene	18.048	276	991499	43.559	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

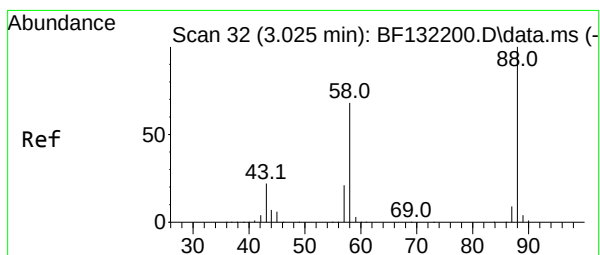
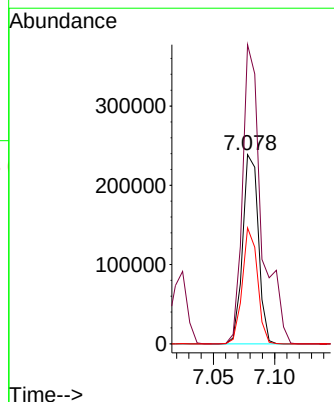
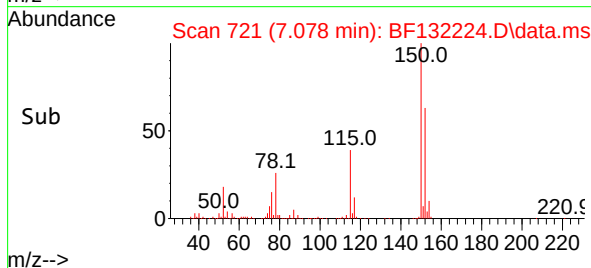
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 152 Resp: 21350
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 61.2 47.0 70.6

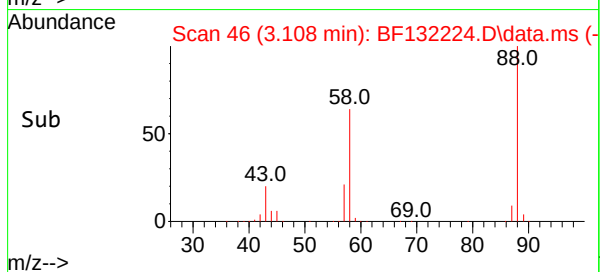
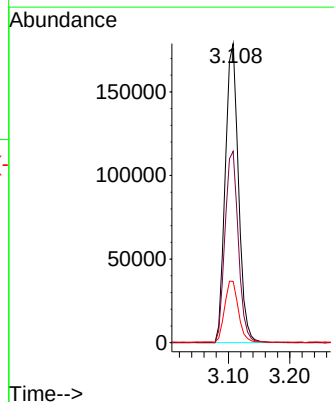
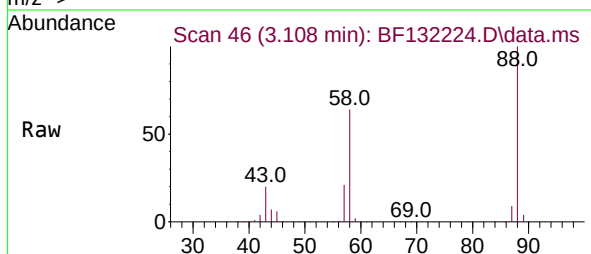
Manual Integrations
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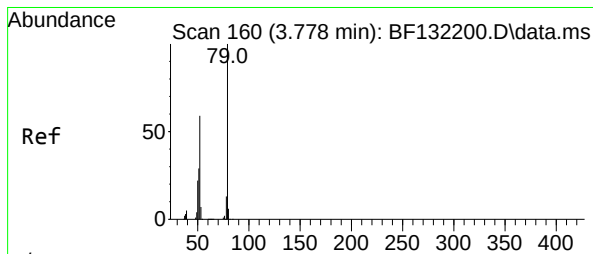
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#2
1,4-Dioxane
Concen: 41.541 ng
RT: 3.108 min Scan# 46
Delta R.T. 0.082 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

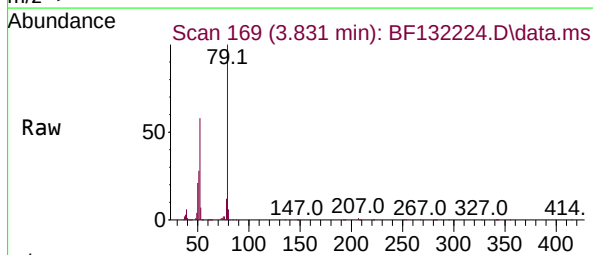
Tgt Ion: 88 Resp: 268290
Ion Ratio Lower Upper
88 100
58 64.8 54.1 81.1
43 21.2 18.0 27.0





#3
Pyridine
Concen: 38.098 ng
RT: 3.831 min Scan# 160
Delta R.T. 0.053 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

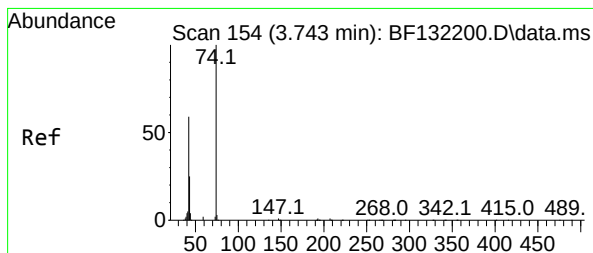
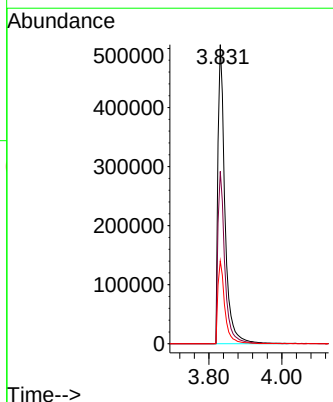
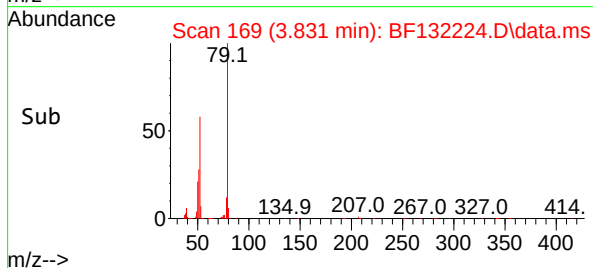
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 79 Resp: 67578
Ion Ratio Lower Upper
79 100
52 57.6 46.8 70.2
51 27.7 23.0 34.6

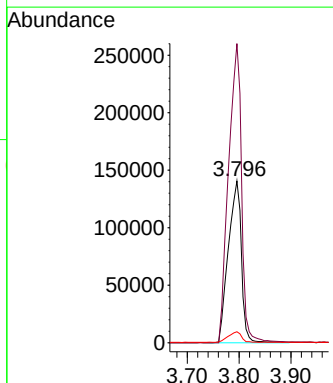
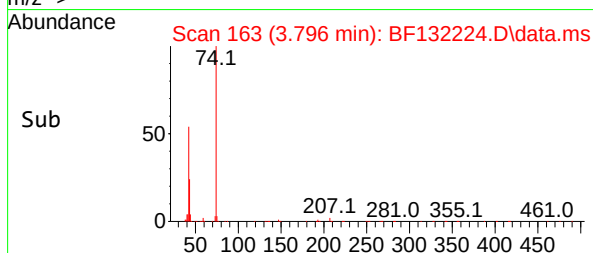
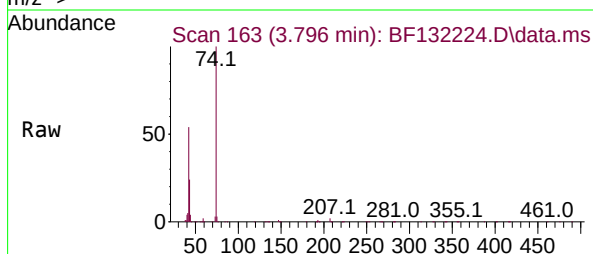
Manual Integrations
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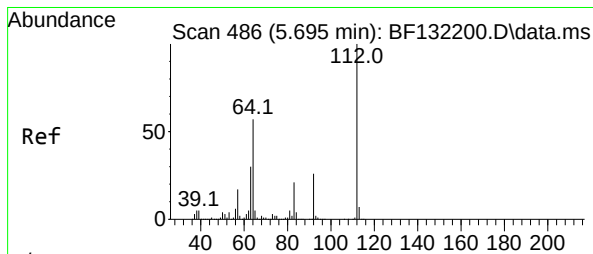
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#4
n-Nitrosodimethylamine
Concen: 41.481 ng
RT: 3.796 min Scan# 163
Delta R.T. 0.053 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

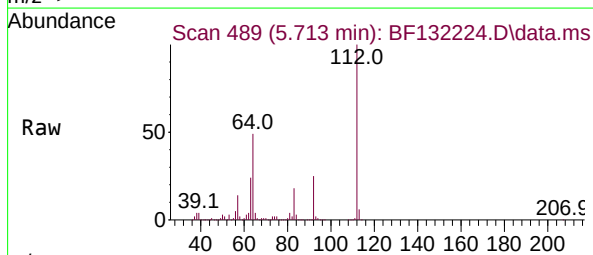
Tgt Ion: 42 Resp: 246259
Ion Ratio Lower Upper
42 100
74 185.1 135.3 202.9
44 6.7 5.1 7.7





#5
2-Fluorophenol
Concen: 99.114 ng
RT: 5.713 min Scan# 4
Delta R.T. 0.018 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

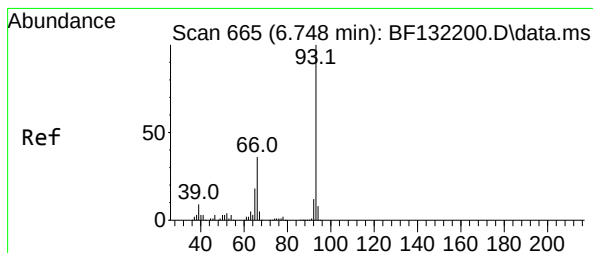
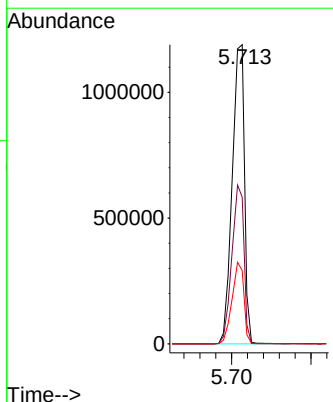
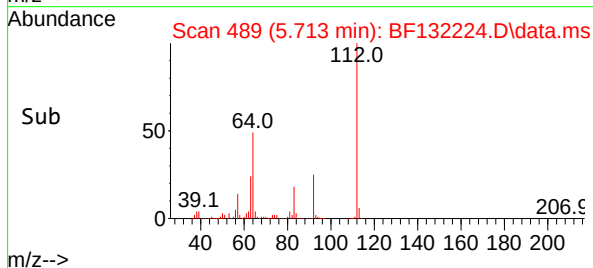
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 127182
Ion Ratio Lower Upper
112 100
64 49.0 45.5 68.3
63 24.5 23.7 35.5

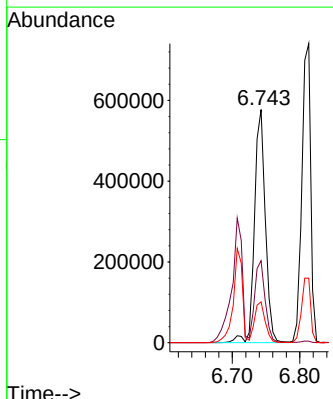
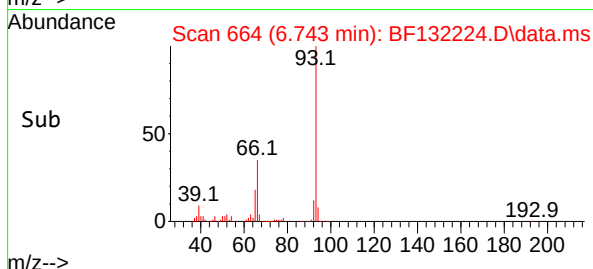
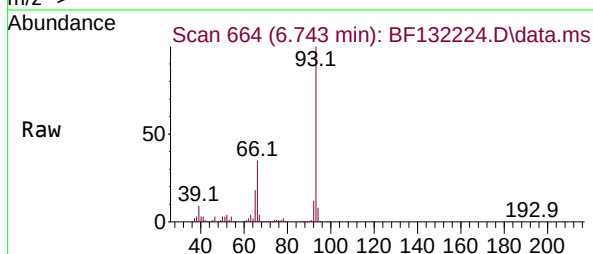
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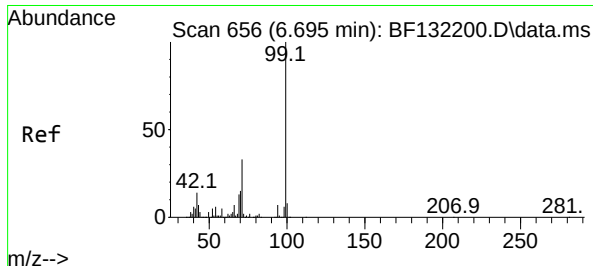
Reviewed By : Christian Giraldo 01/31/2023
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#6
Aniline
Concen: 28.495 ng
RT: 6.743 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

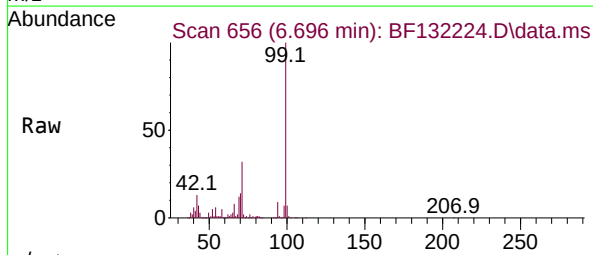
Tgt Ion: 93 Resp: 641994
Ion Ratio Lower Upper
93 100
66 35.2 28.7 43.1
65 17.5 14.7 22.1





#7
Phenol-d6
Concen: 101.479 ng
RT: 6.696 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

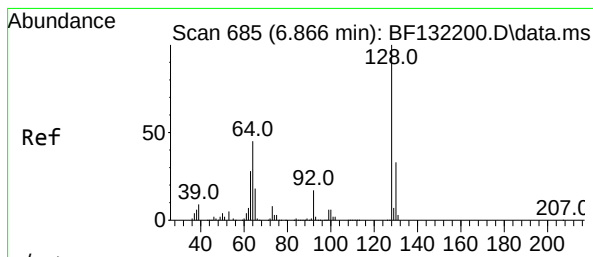
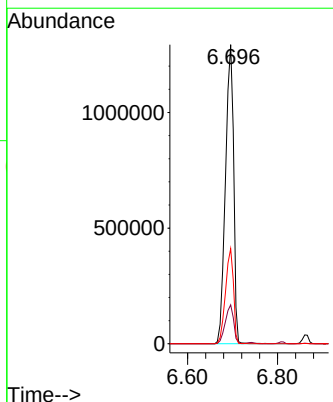
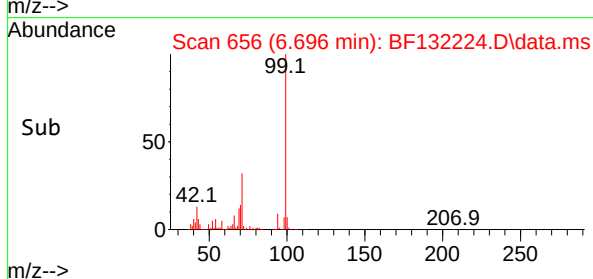
Instrument :
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Tgt Ion: 99 Resp: 163274
Ion Ratio Lower Upper
99 100
42 13.0 11.3 16.9
71 31.8 26.3 39.5

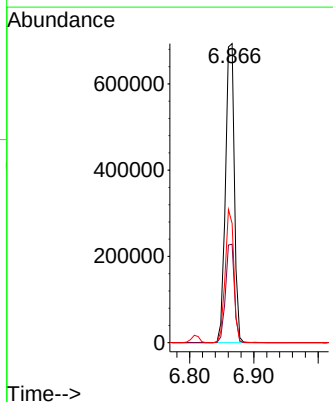
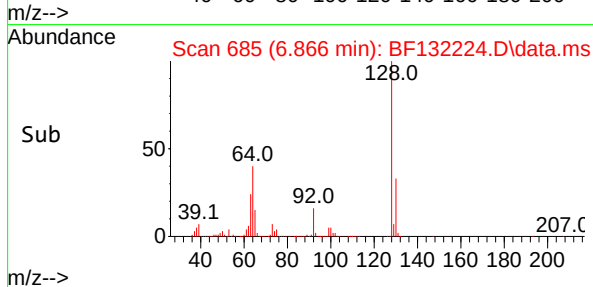
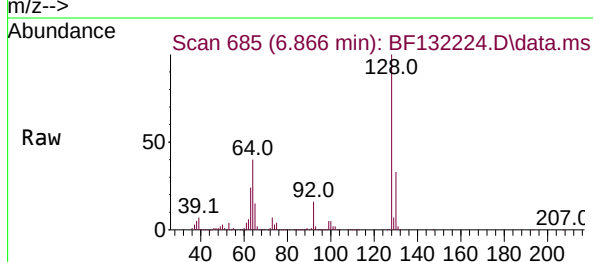
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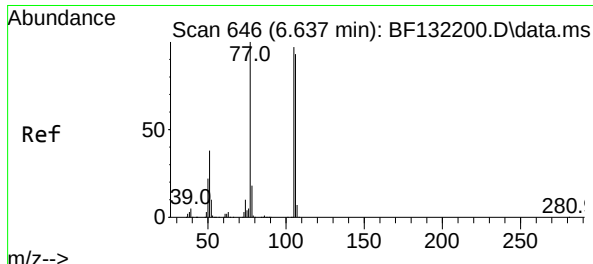
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#8
2-Chlorophenol
Concen: 51.931 ng
RT: 6.866 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

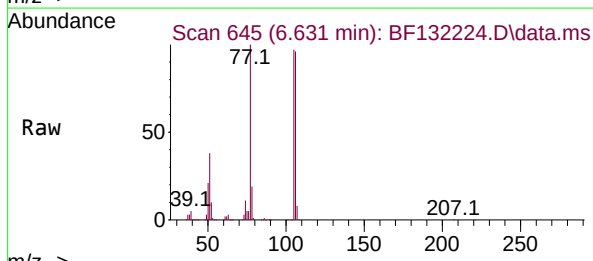
Tgt Ion:128 Resp: 668166
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 39.9 25.7 65.7





#9
Benzaldehyde
Concen: 58.758 ng
RT: 6.631 min Scan# 646
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

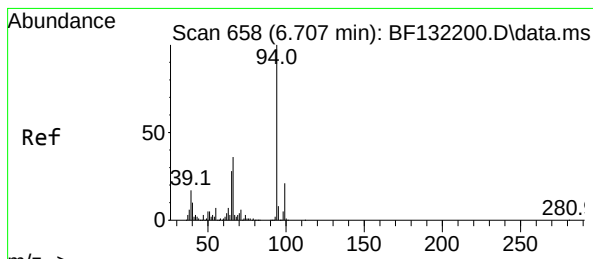
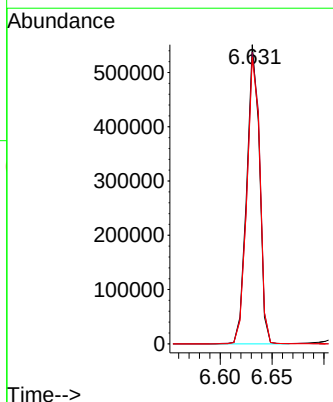
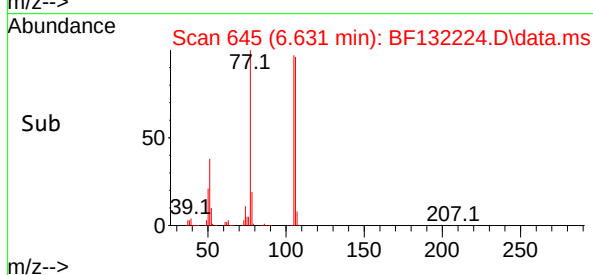
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 46705
Ion Ratio Lower Upper
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105 97.5 77.0 117.0
106 95.7 73.2 113.2

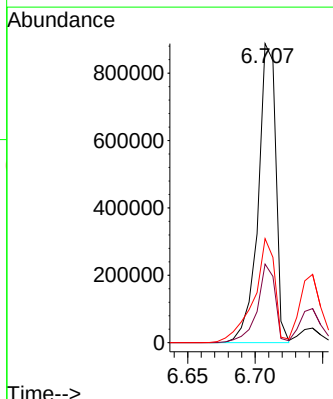
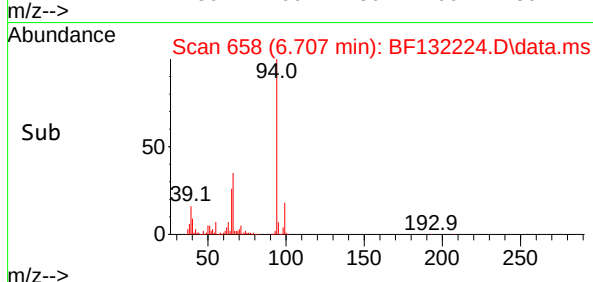
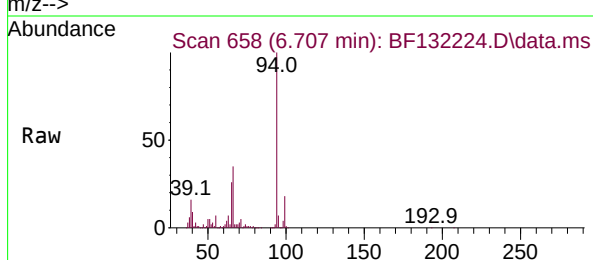
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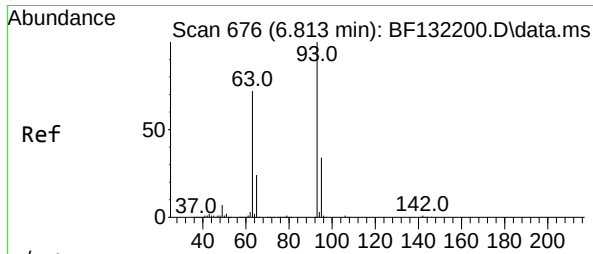
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#10
Phenol
Concen: 48.382 ng
RT: 6.707 min Scan# 658
Delta R.T. 0.000 min
Lab File: BF132224.D
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Tgt Ion: 94 Resp: 810383
Ion Ratio Lower Upper
94 100
65 26.3 7.6 47.6
66 34.8 16.3 56.3





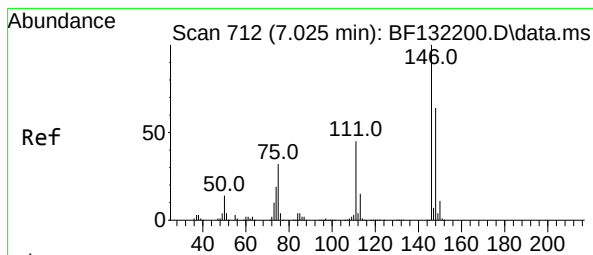
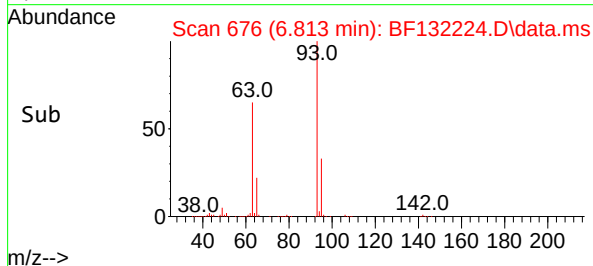
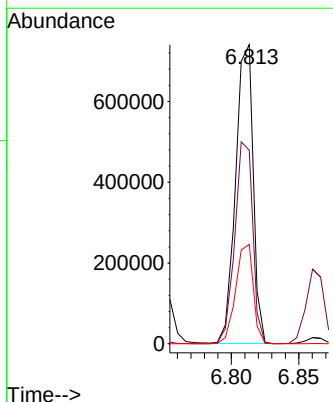
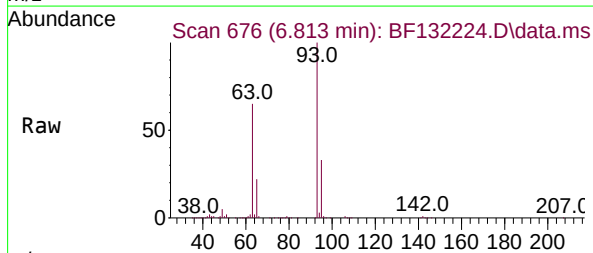
#11
bis(2-Chloroethyl)ether
Concen: 46.499 ng
RT: 6.813 min Scan# 676
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion: 93 Resp: 67183
Ion Ratio Lower Upper
93 100
63 64.7 52.2 92.2
95 33.2 13.8 53.8

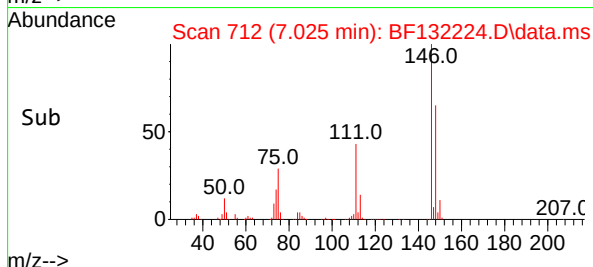
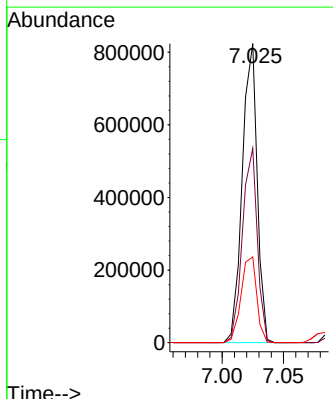
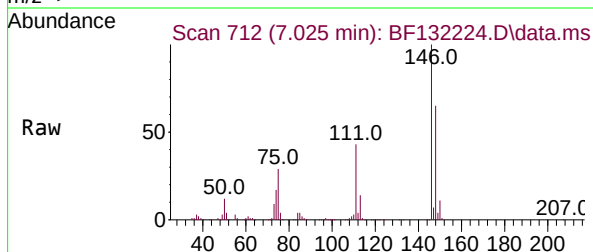
Manual Integrations
APPROVED

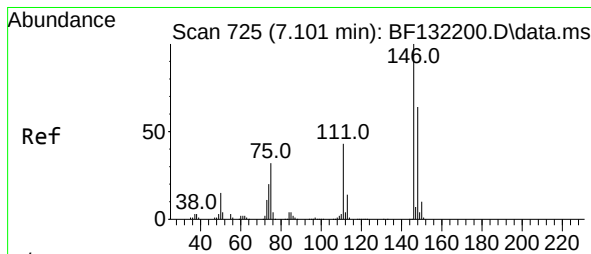
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#12
1,3-Dichlorobenzene
Concen: 48.879 ng
RT: 7.025 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

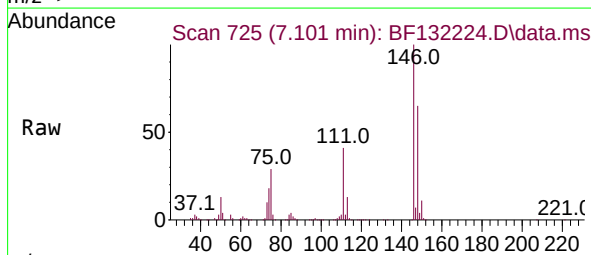
Tgt Ion:146 Resp: 699156
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
75 28.7 25.4 38.2





#13
1,4-Dichlorobenzene
Concen: 49.434 ng
RT: 7.101 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

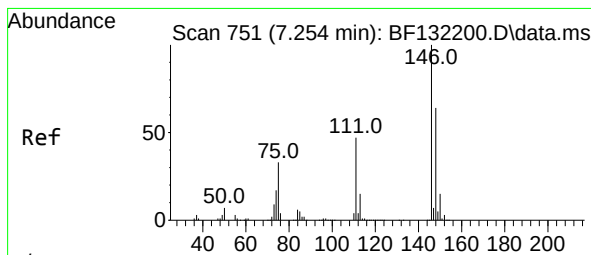
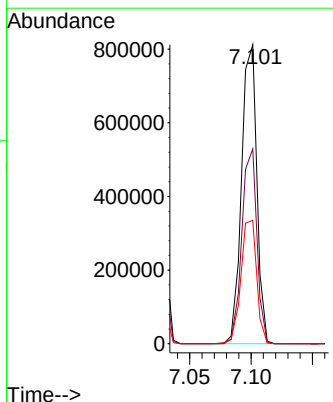
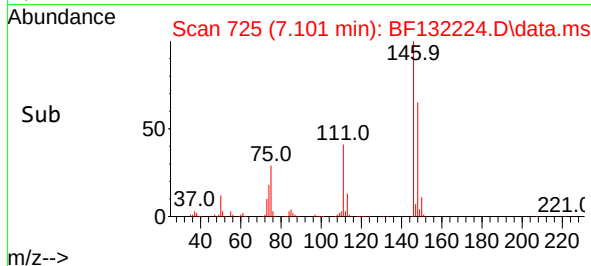
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:146 Resp: 70496
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
111 41.2 34.2 51.4

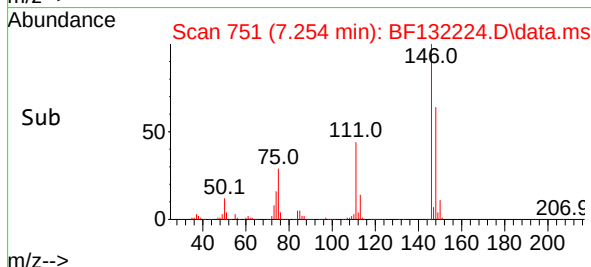
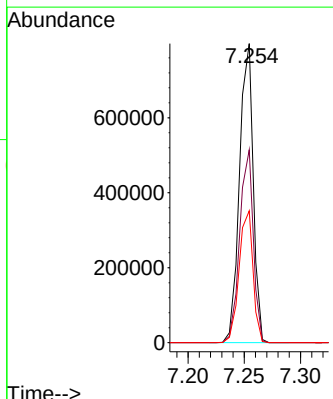
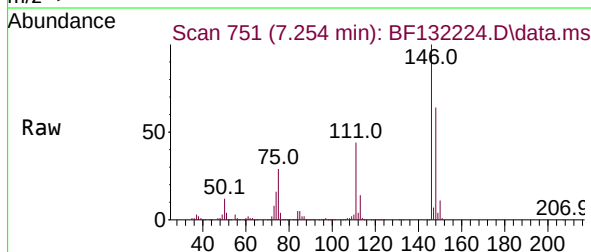
Manual Integrations
APPROVED

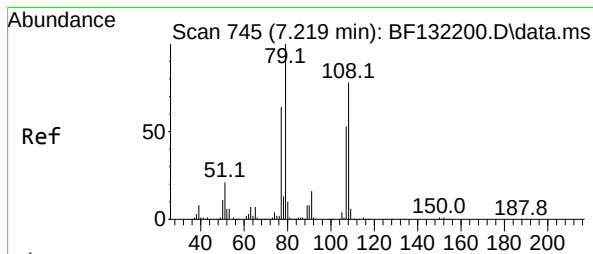
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#14
1,2-Dichlorobenzene
Concen: 51.125 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion:146 Resp: 677248
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 44.1 37.5 56.3





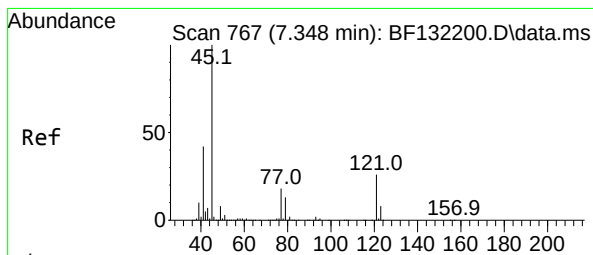
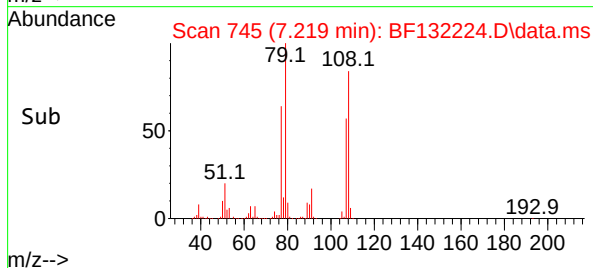
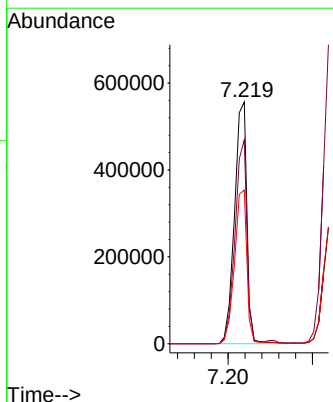
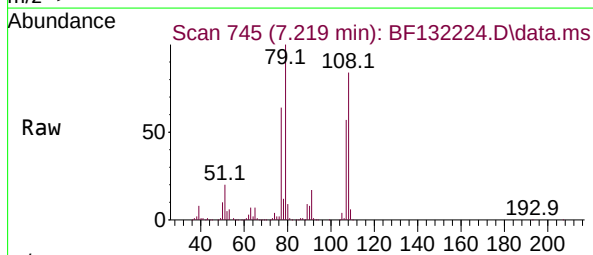
#15
Benzyl Alcohol
Concen: 47.585 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion: 79 Resp: 56257
Ion Ratio Lower Upper
79 100
108 84.3 62.2 93.4
77 63.6 51.5 77.3

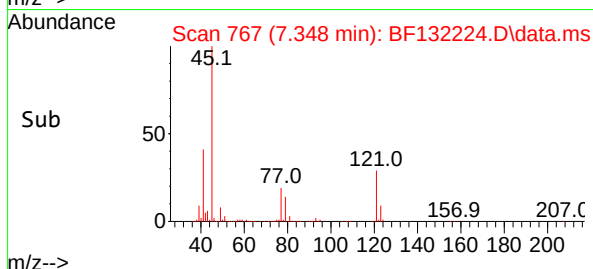
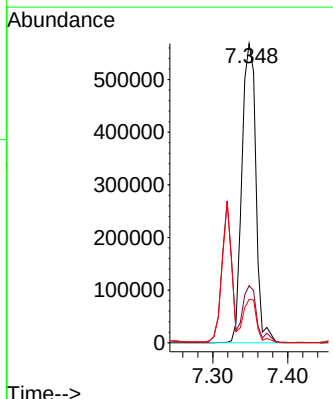
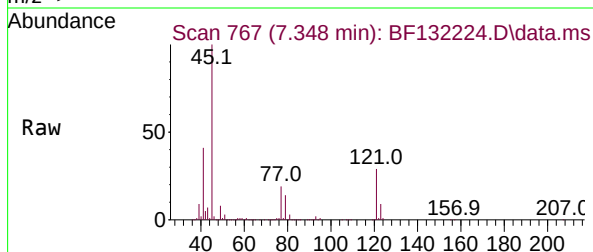
Manual Integrations
APPROVED

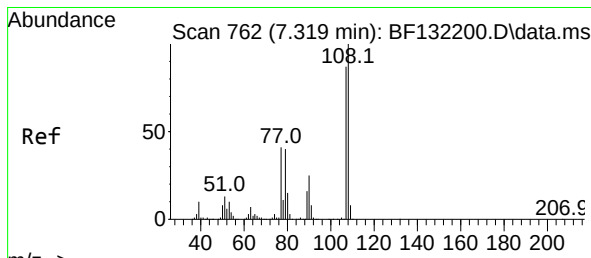
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.663 ng
RT: 7.348 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

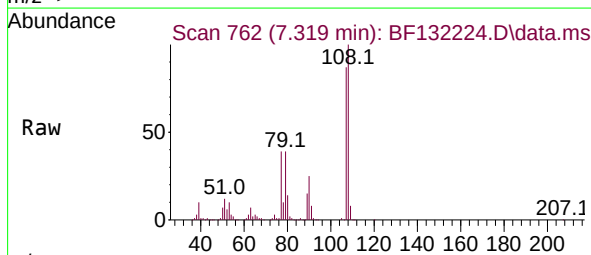
Tgt Ion: 45 Resp: 732822
Ion Ratio Lower Upper
45 100
77 19.0 0.0 38.0
79 14.5 0.0 32.9





#17
2-Methylphenol
Concen: 46.132 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

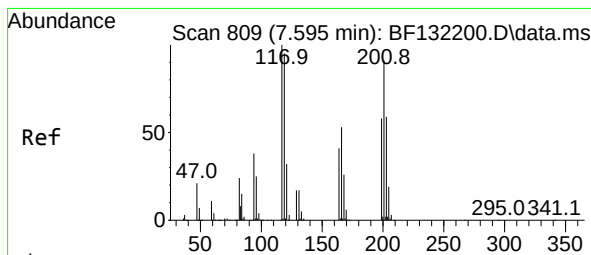
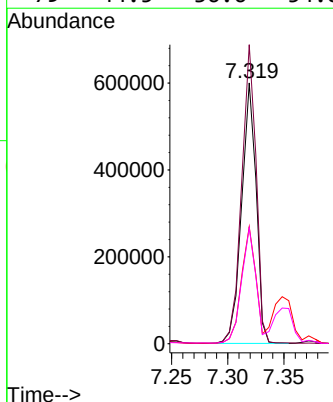
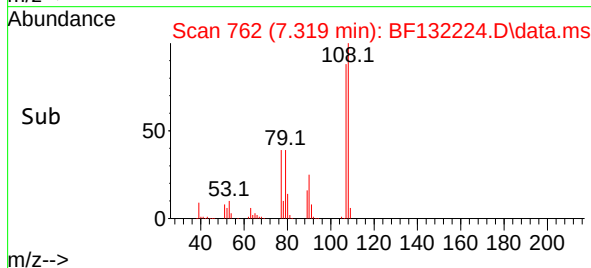
Instrument :
BNA_F
ClientSampleId :
72-11985MS



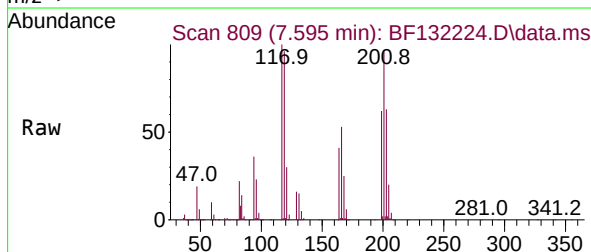
Tgt Ion:107 Resp: 53968
Ion Ratio Lower Upper
107 100
108 114.7 92.2 138.4
77 44.9 37.5 56.3
79 44.5 36.6 54.8

Manual Integrations
APPROVED

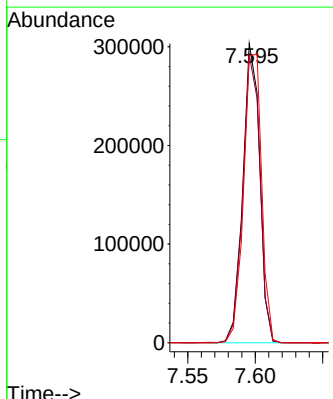
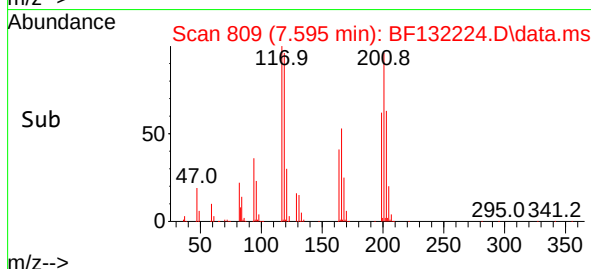
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

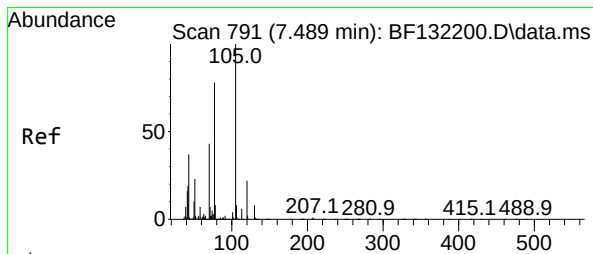


#18
Hexachloroethane
Concen: 50.469 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26



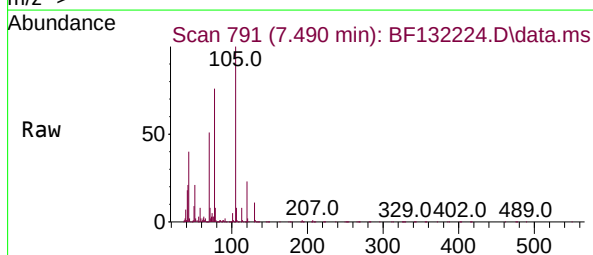
Tgt Ion:117 Resp: 264443
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0
201 95.8 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.393 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

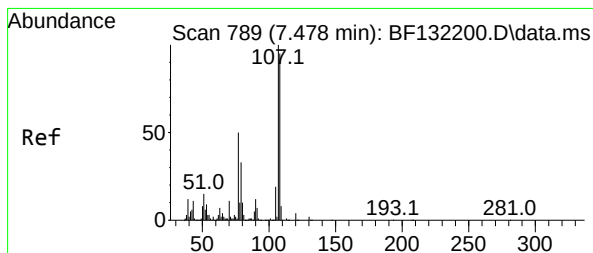
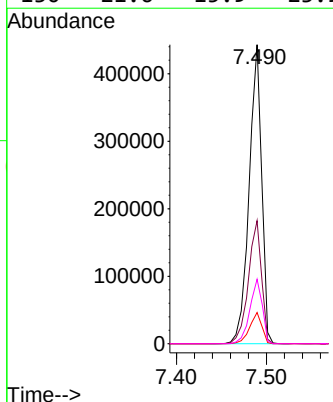
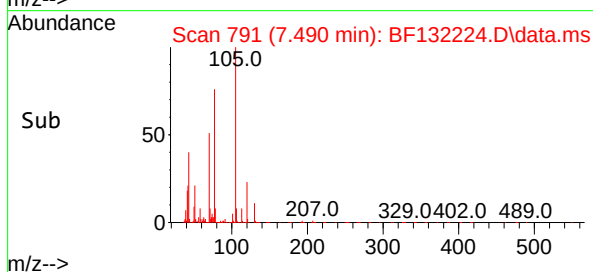
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 70 Resp: 42996
Ion Ratio Lower Upper
70 100
42 41.2 36.2 54.4
101 10.5 7.9 11.9
130 21.6 15.9 23.9

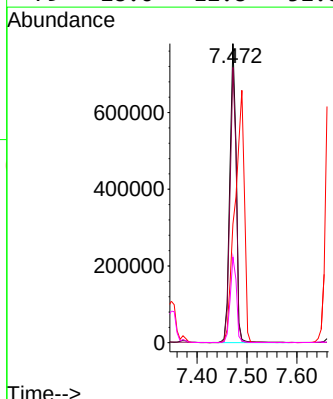
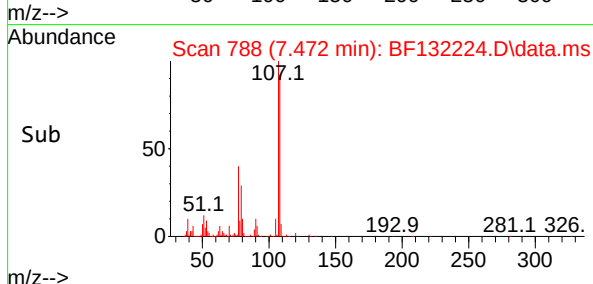
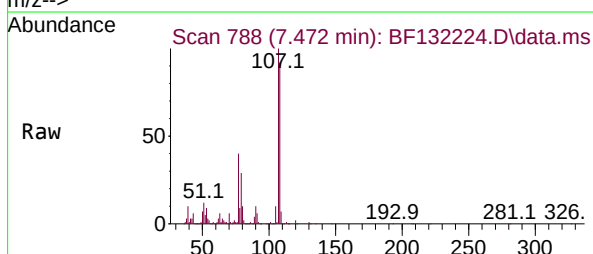
Manual Integrations
APPROVED

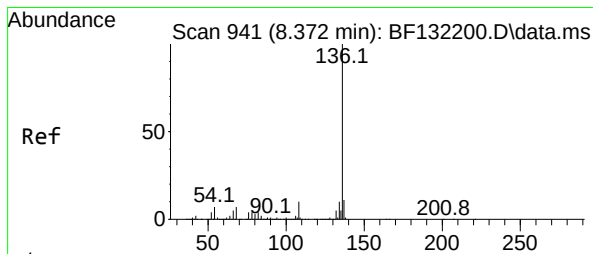
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#20
3+4-Methylphenols
Concen: 46.755 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

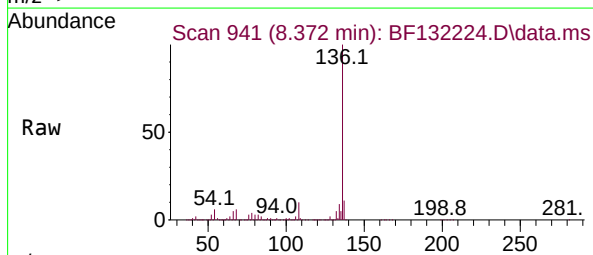
Tgt Ion:107 Resp: 687435
Ion Ratio Lower Upper
107 100
108 92.0 75.1 115.1
77 39.7 29.6 69.6
79 28.6 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

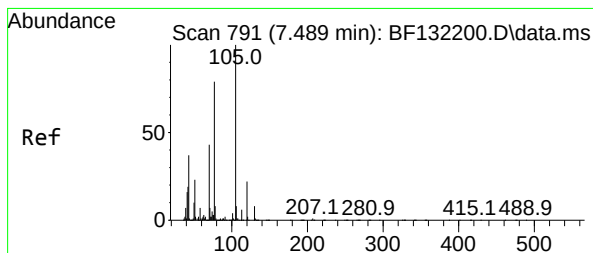
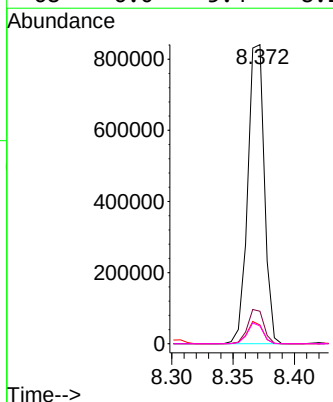
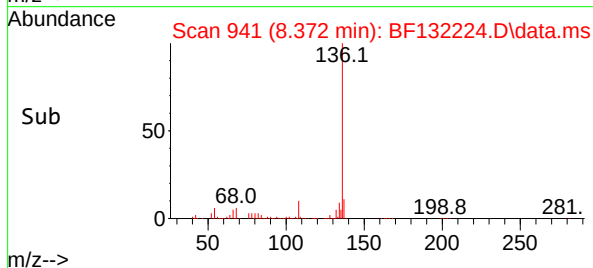
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:136 Resp: 79348
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.3 5.4 8.2
68 6.0 5.4 8.2

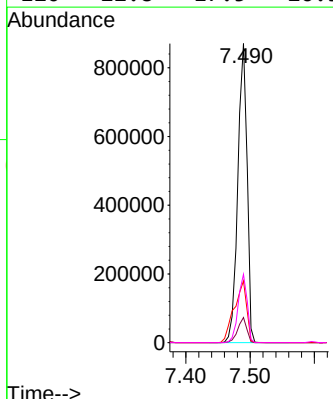
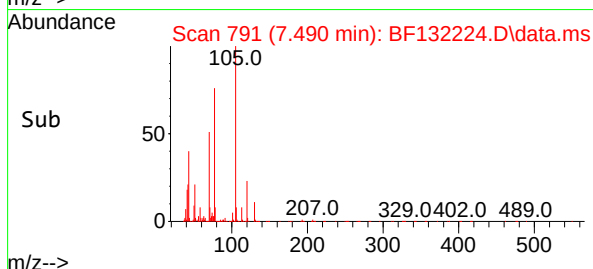
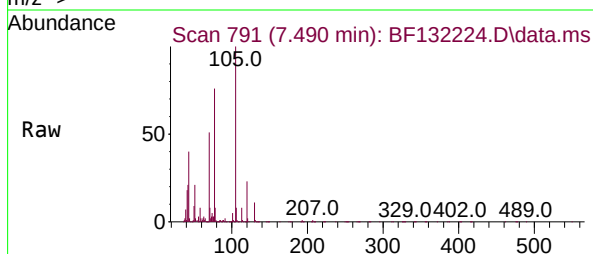
Manual Integrations
APPROVED

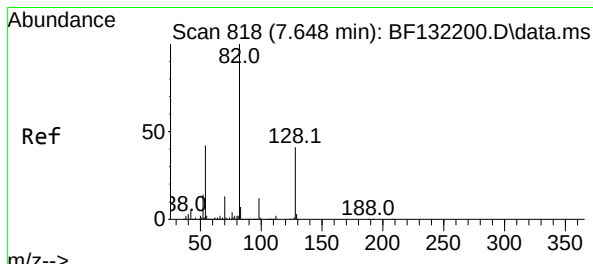
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#22
Acetophenone
Concen: 44.855 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

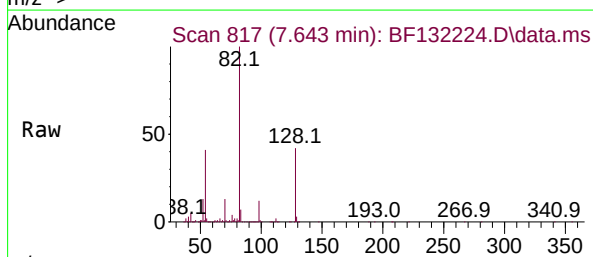
Tgt Ion:105 Resp: 870222
Ion Ratio Lower Upper
105 100
71 8.4 5.7 8.5
51 20.7 18.1 27.1
120 22.8 17.5 26.3





#23
Nitrobenzene-d5
Concen: 66.169 ng
RT: 7.643 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

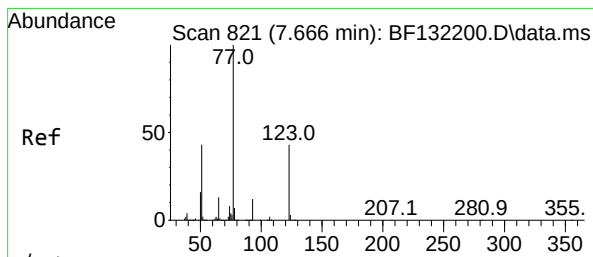
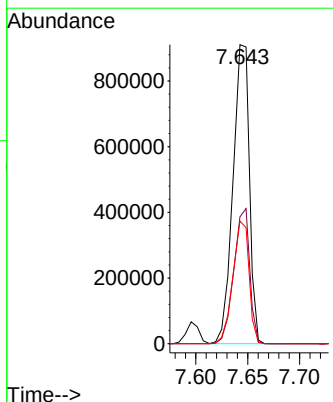
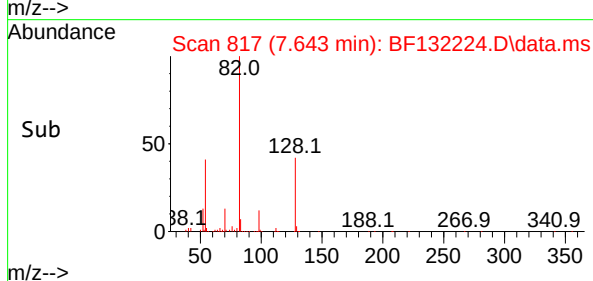
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 82 Resp: 100288
Ion Ratio Lower Upper
82 100
128 42.4 32.7 49.1
54 41.0 33.3 49.9

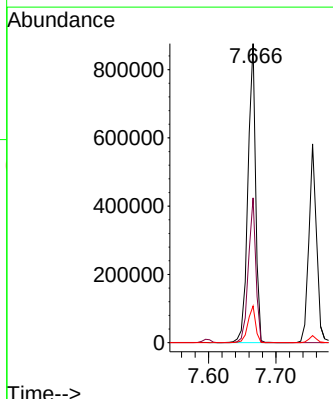
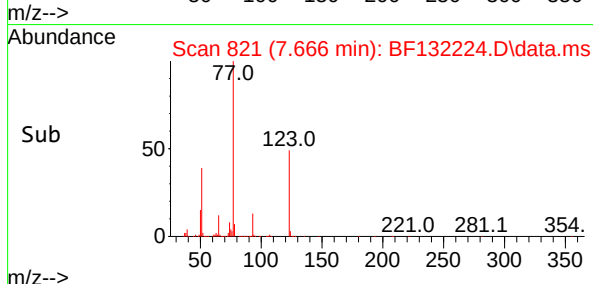
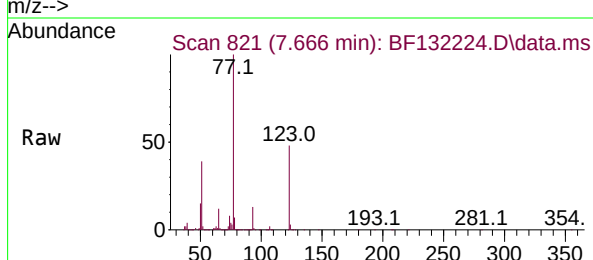
Manual Integrations
APPROVED

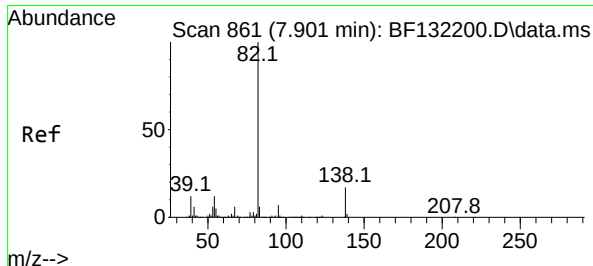
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#24
Nitrobenzene
Concen: 44.199 ng
RT: 7.666 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion: 77 Resp: 692598
Ion Ratio Lower Upper
77 100
123 48.4 34.8 52.2
65 12.3 10.5 15.7





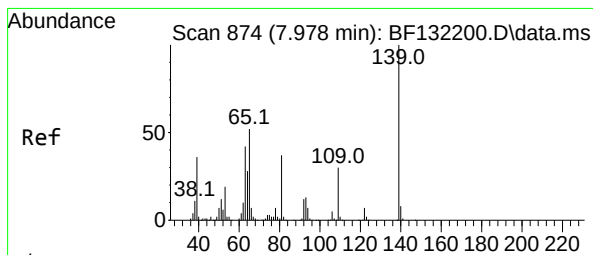
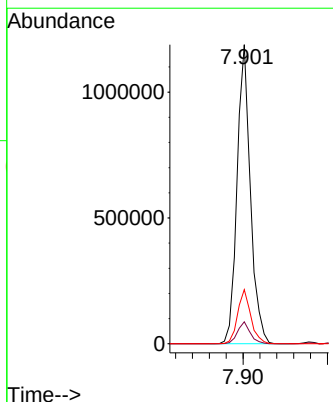
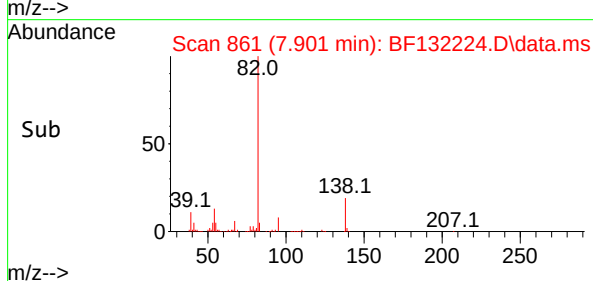
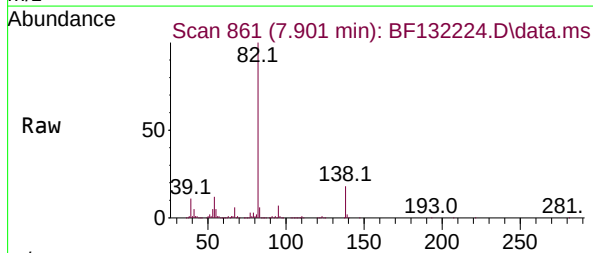
#25
Isophorone
Concen: 44.824 ng
RT: 7.901 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion: 82 Resp: 130655
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 18.1 13.4 20.6

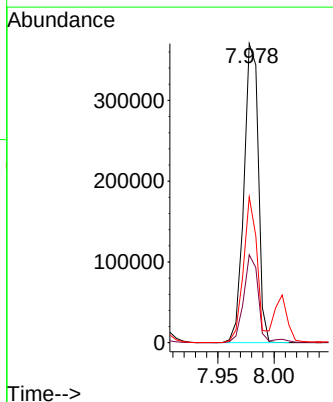
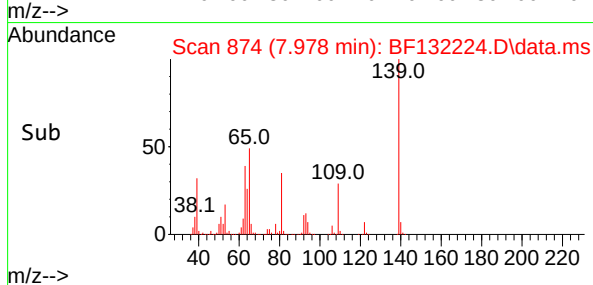
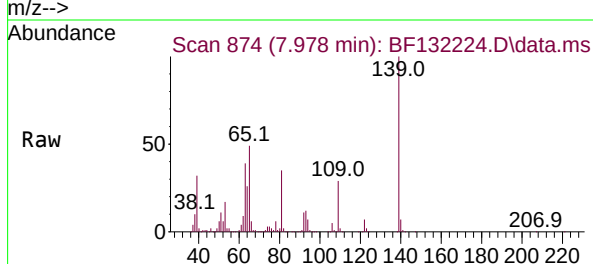
Manual Integrations
APPROVED

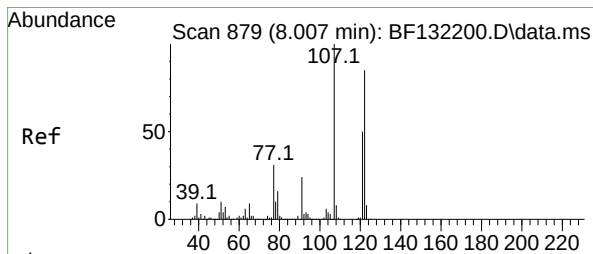
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#26
2-Nitrophenol
Concen: 51.521 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion:139 Resp: 329232
Ion Ratio Lower Upper
139 100
109 29.4 24.2 36.4
65 48.7 41.6 62.4





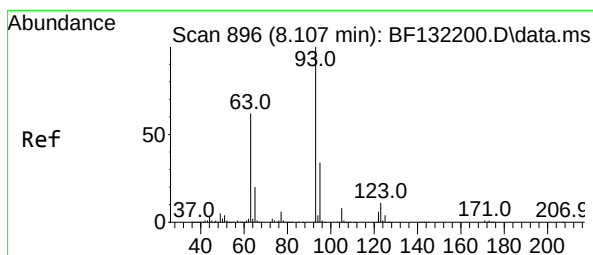
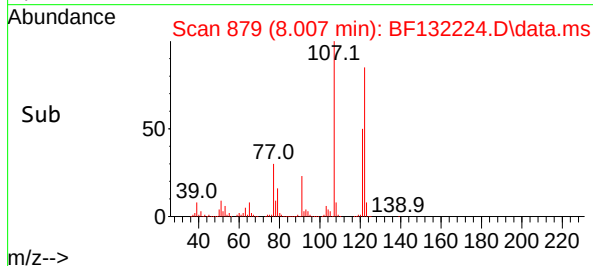
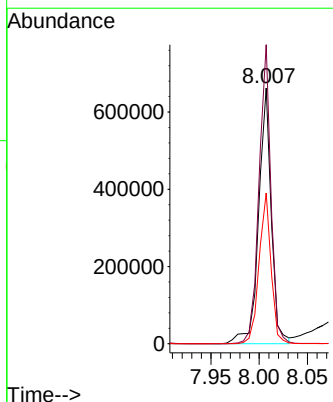
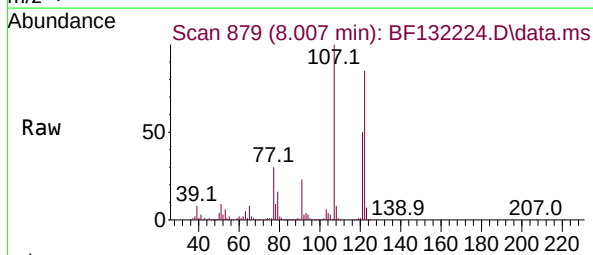
#27
2,4-Dimethylphenol
Concen: 49.436 ng
RT: 8.007 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion: 122 Resp: 60258
Ion Ratio Lower Upper
122 100
107 117.0 94.1 141.1
121 59.0 46.6 70.6

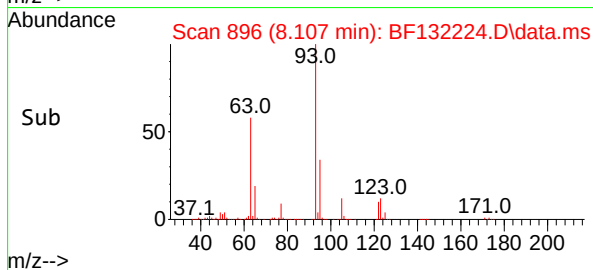
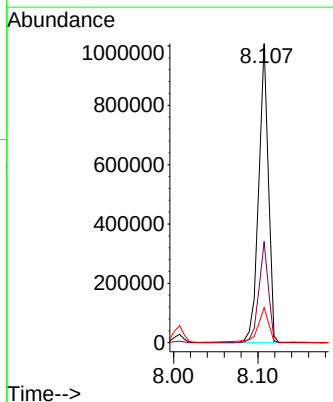
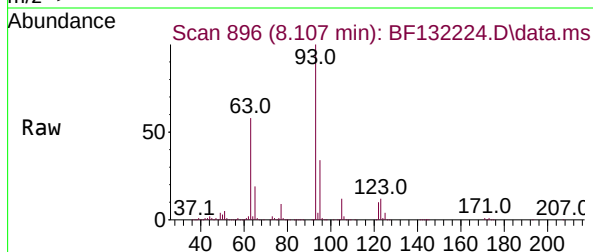
Manual Integrations
APPROVED

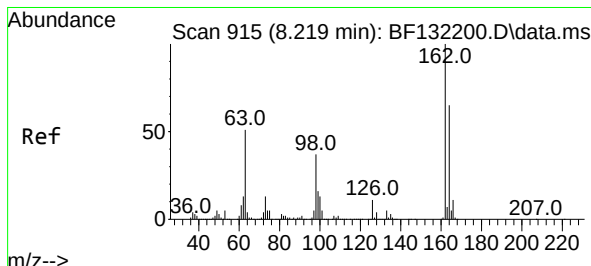
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.711 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion: 93 Resp: 802377
Ion Ratio Lower Upper
93 100
95 33.8 27.0 40.4
123 11.8 8.9 13.3





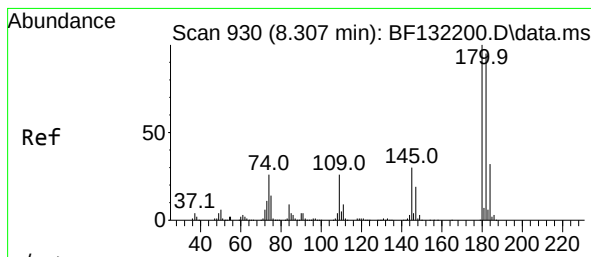
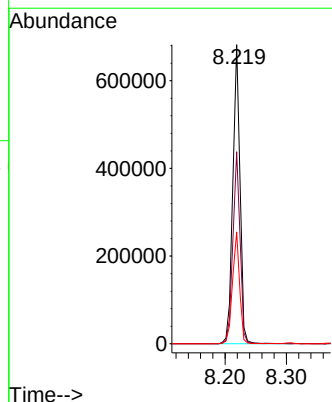
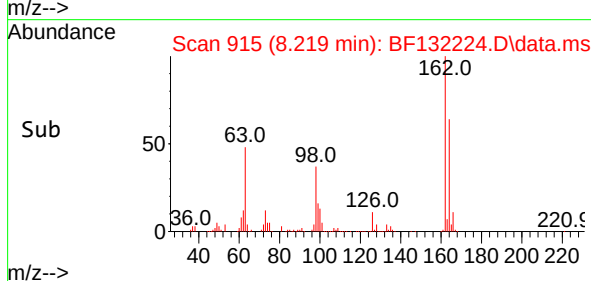
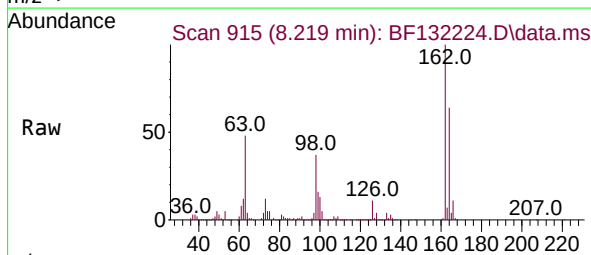
#29
2,4-Dichlorophenol
Concen: 49.006 ng
RT: 8.219 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:162 Resp: 55776
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 37.4 17.3 57.3

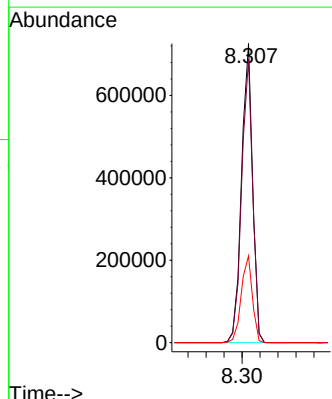
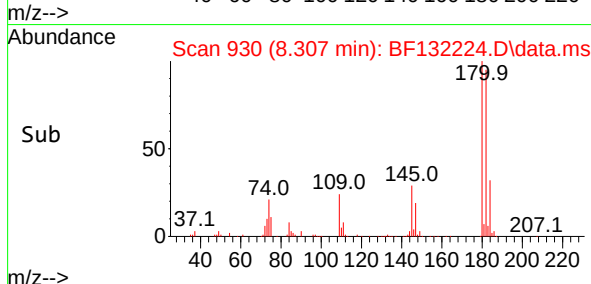
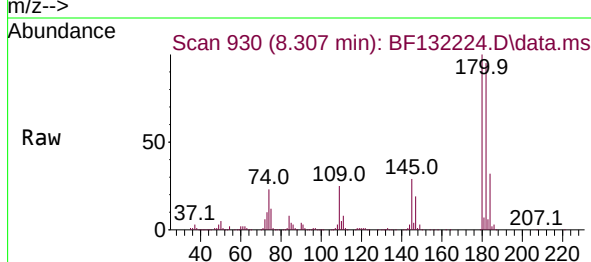
Manual Integrations
APPROVED

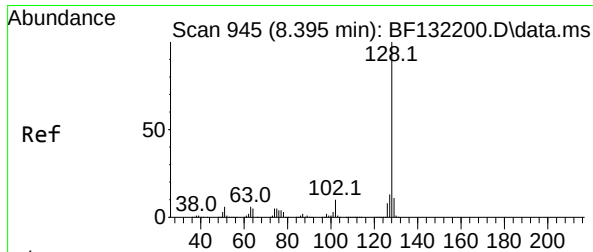
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.363 ng
RT: 8.307 min Scan# 930
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

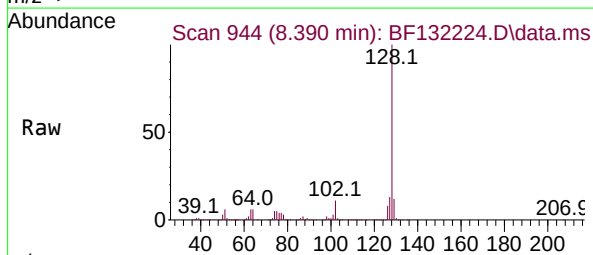
Tgt Ion:180 Resp: 619269
Ion Ratio Lower Upper
180 100
182 94.7 75.7 113.5
145 29.0 23.9 35.9





#31
Naphthalene
Concen: 44.827 ng
RT: 8.390 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

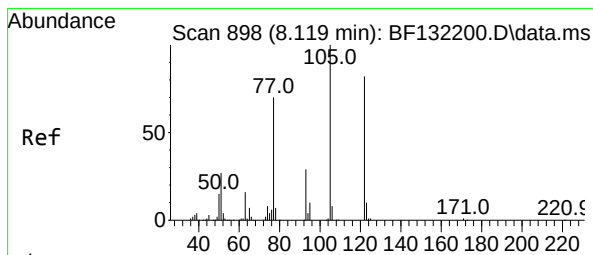
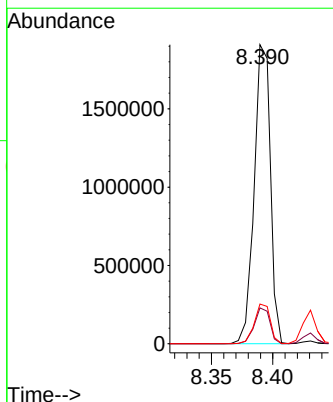
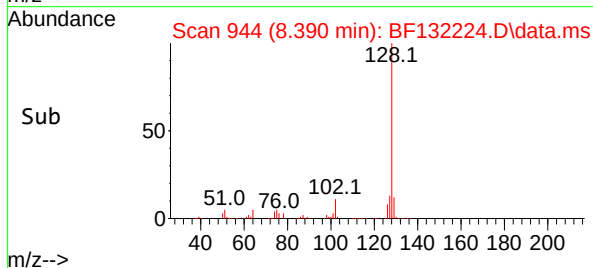
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:128 Resp: 175993
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.3 10.6 16.6

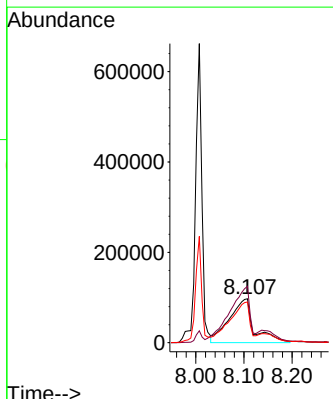
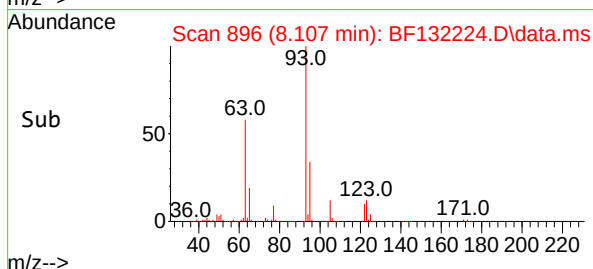
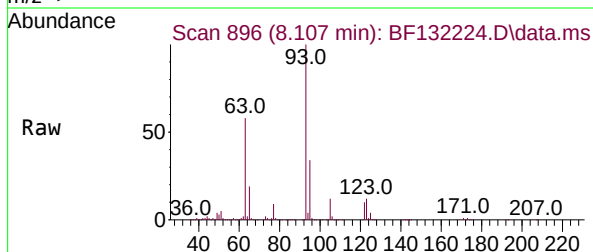
Manual Integrations
APPROVED

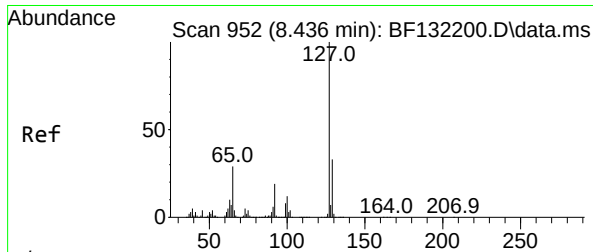
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#32
Benzoic acid
Concen: 43.622 ng m
RT: 8.107 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion:122 Resp: 350015
Ion Ratio Lower Upper
122 100
105 128.6 101.5 141.5
77 92.7 66.5 106.5





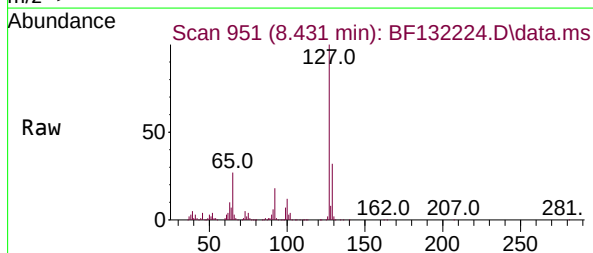
#33
4-Chloroaniline
Concen: 9.872 ng
RT: 8.431 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :

BNA_F

ClientSampleId :

72-11985MS

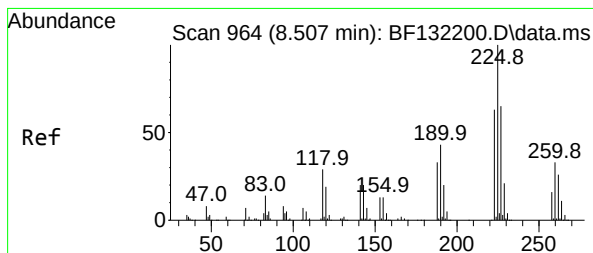
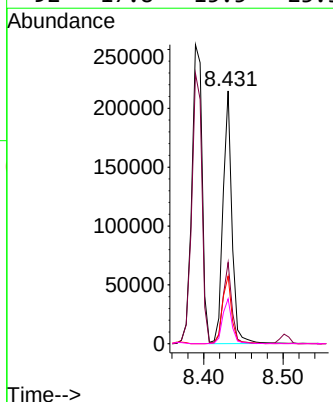
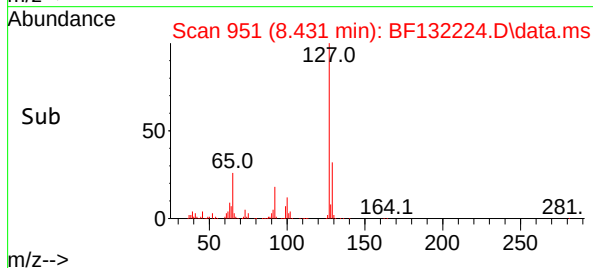


Tgt Ion:	127	Resp:	16802
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.6	39.8
65	26.8	22.9	34.3
92	17.8	15.5	23.3

Manual Integrations

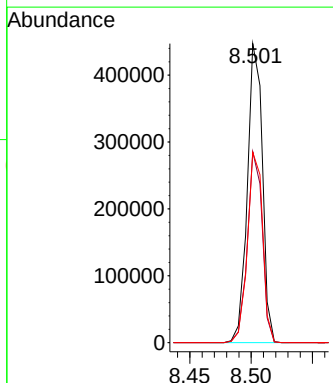
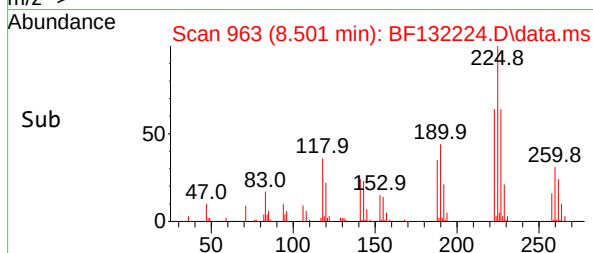
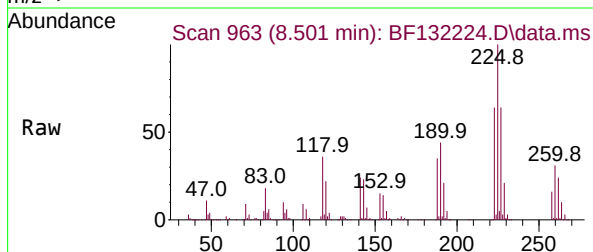
APPROVED

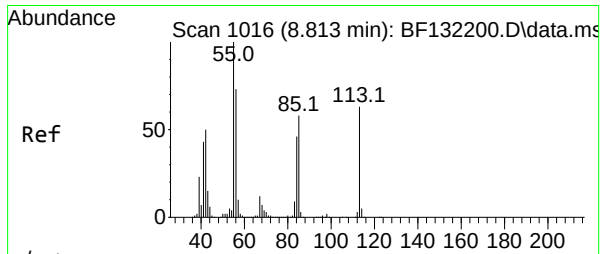
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#34
Hexachlorobutadiene
Concen: 46.735 ng
RT: 8.501 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

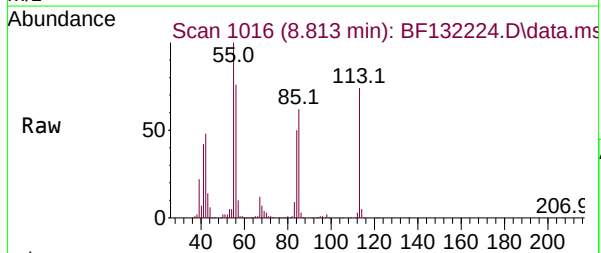
Tgt Ion:	225	Resp:	381715
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.2	75.2
227	63.6	52.1	78.1





#35
Caprolactam
Concen: 56.380 ng m
RT: 8.813 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

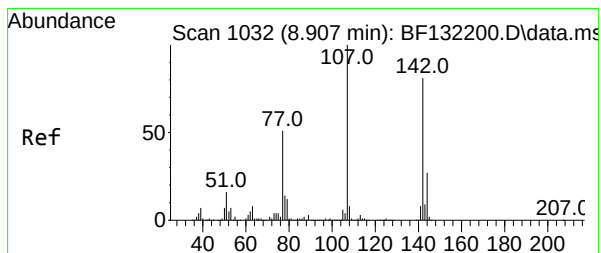
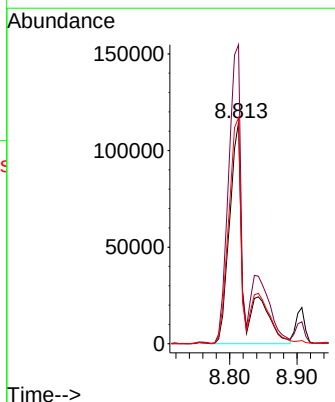
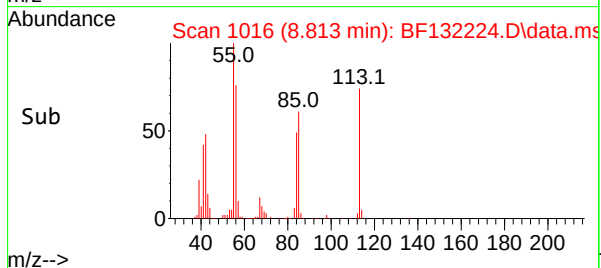
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:113 Resp: 18168
Ion Ratio Lower Upper
113 100
55 135.2 138.7 178.7
56 102.1 96.5 136.5

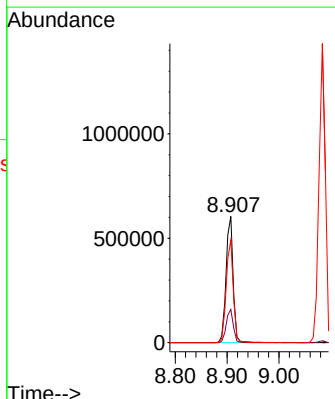
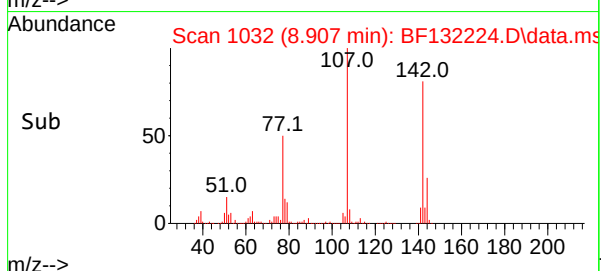
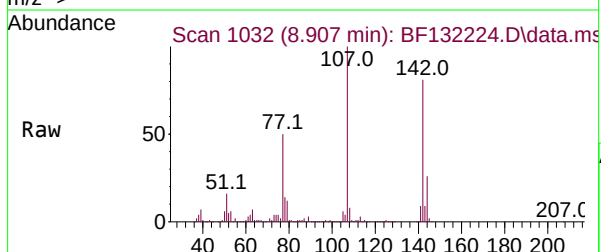
Manual Integrations
APPROVED

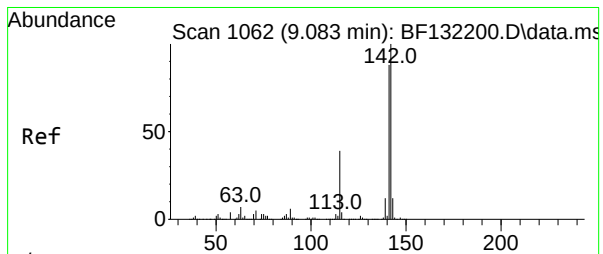
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#36
4-Chloro-3-methylphenol
Concen: 49.334 ng
RT: 8.907 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

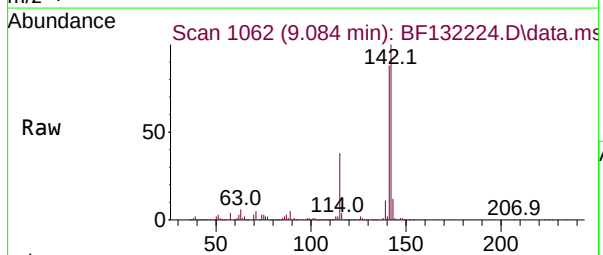
Tgt Ion:107 Resp: 574985
Ion Ratio Lower Upper
107 100
144 26.3 21.6 32.4
142 81.3 64.8 97.2





#37
2-Methylnaphthalene
Concen: 44.717 ng
RT: 9.084 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

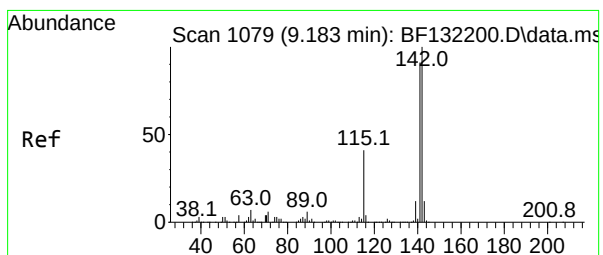
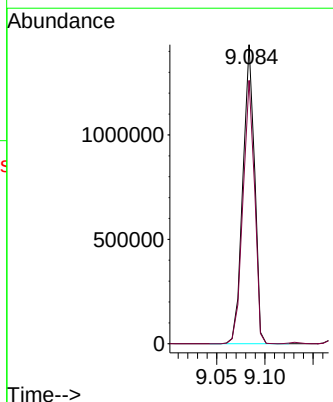
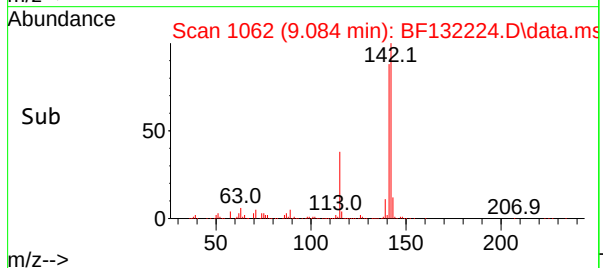
Instrument :
BNA_F
ClientSampleId :
72-11985MS



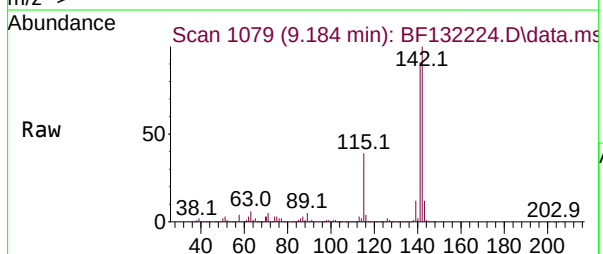
Tgt Ion:142 Resp: 120458
Ion Ratio Lower Upper
142 100
141 88.0 70.0 105.0

Manual Integrations
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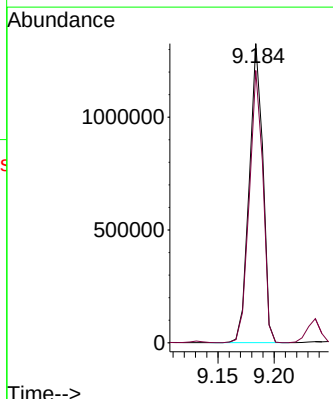
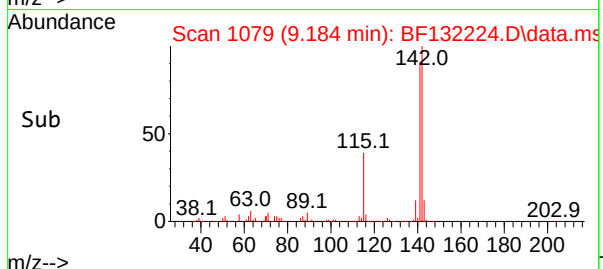
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

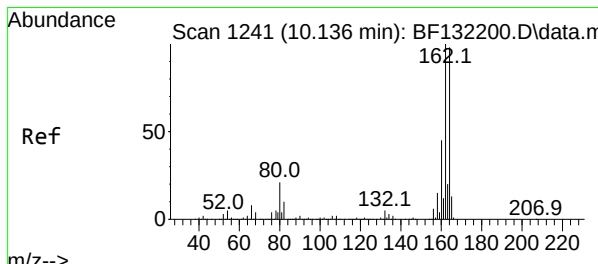


#38
1-Methylnaphthalene
Concen: 44.674 ng
RT: 9.184 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26



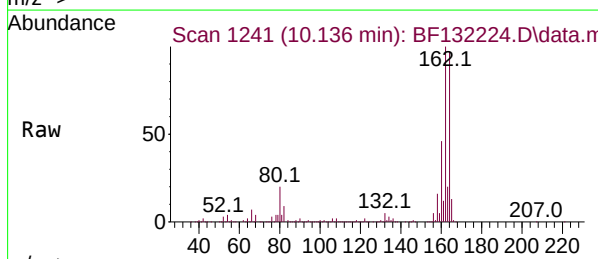
Tgt Ion:142 Resp: 1116336
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

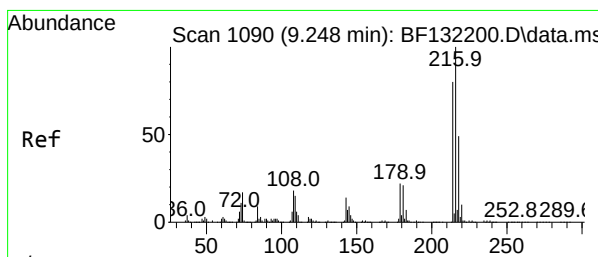
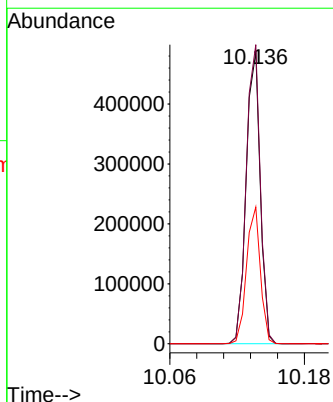
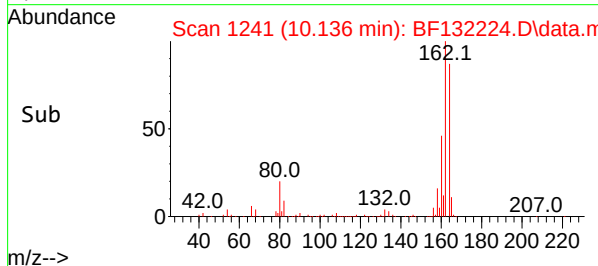
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:164 Resp: 42475
Ion Ratio Lower Upper
164 100
162 102.6 81.5 122.3
160 46.9 37.0 55.4

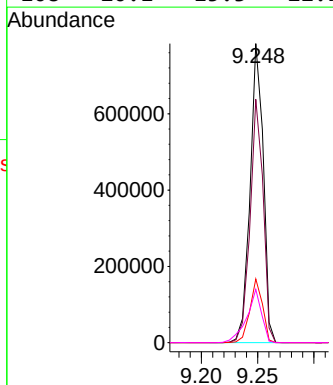
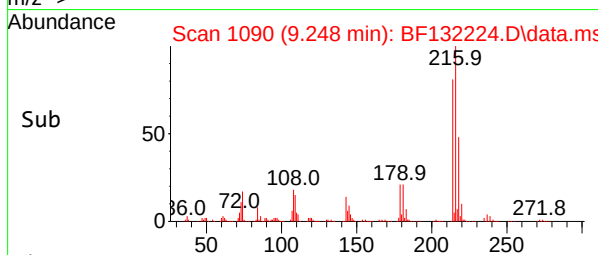
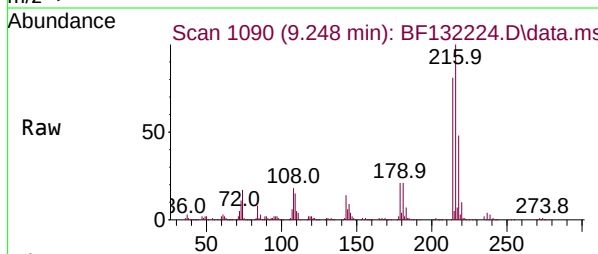
Manual Integrations
APPROVED

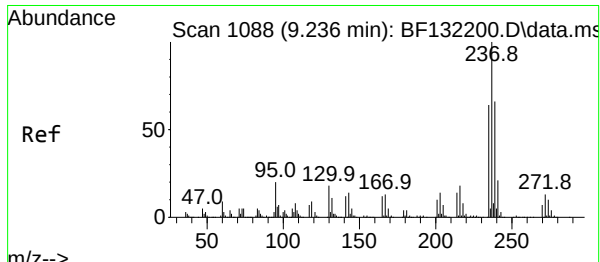
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.883 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

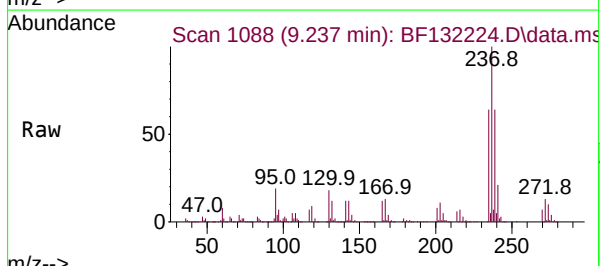
Tgt Ion:216 Resp: 639795
Ion Ratio Lower Upper
216 100
214 80.2 63.4 95.2
179 20.5 16.8 25.2
108 20.1 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 100.786 ng
RT: 9.237 min Scan# 1088
Delta R.T. 0.001 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

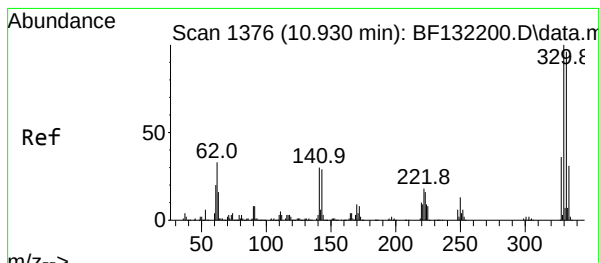
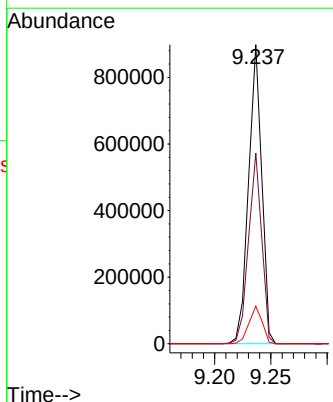
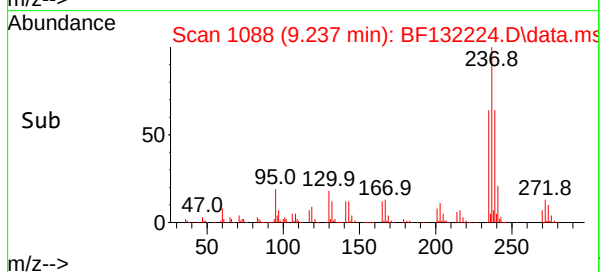
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 237 Resp: 72973
Ion Ratio Lower Upper
237 100
235 63.7 43.9 83.9
272 12.6 0.0 32.6

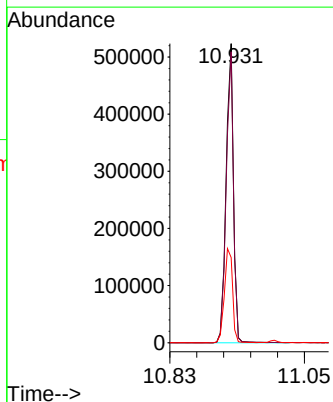
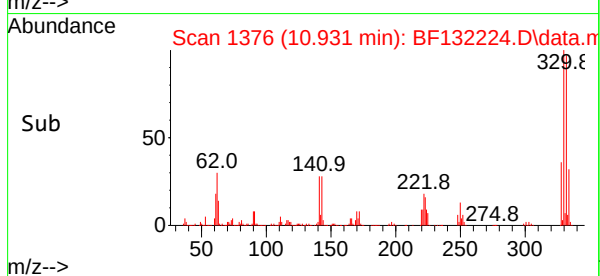
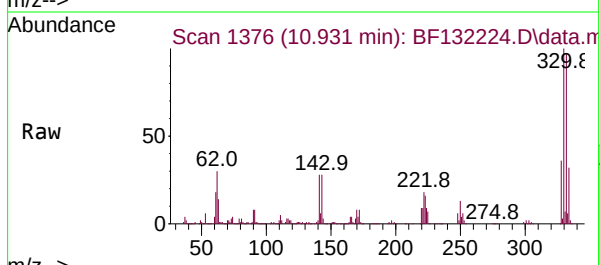
Manual Integrations
APPROVED

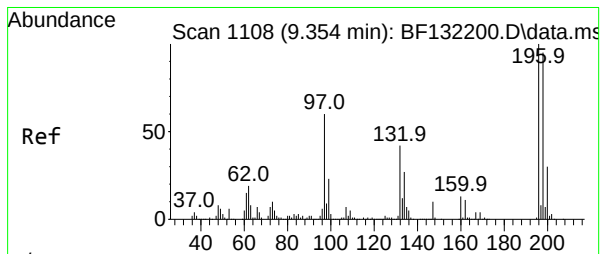
Reviewed By : Christian Giraldo 01/31/2023
Supervised By : Jagrut Upadhyay 01/31/2023



#42
2,4,6-Tribromophenol
Concen: 110.356 ng
RT: 10.931 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

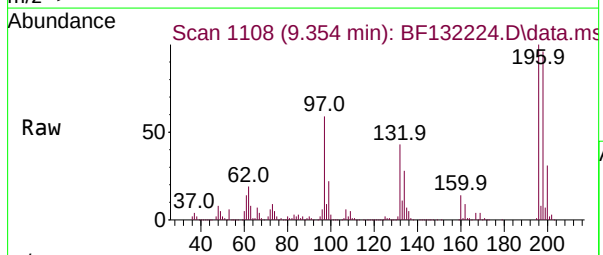
Tgt Ion: 330 Resp: 434051
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 35.1 30.7 46.1





#43
2,4,6-Trichlorophenol
Concen: 49.869 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

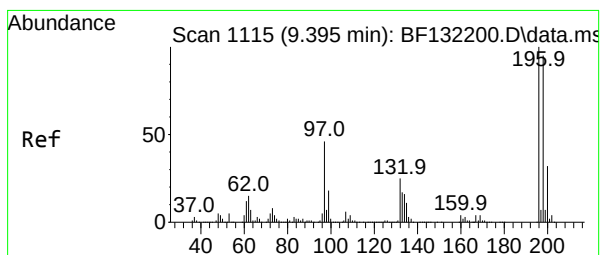
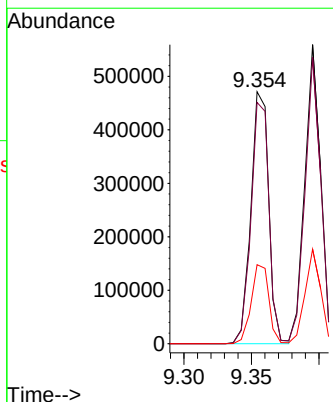
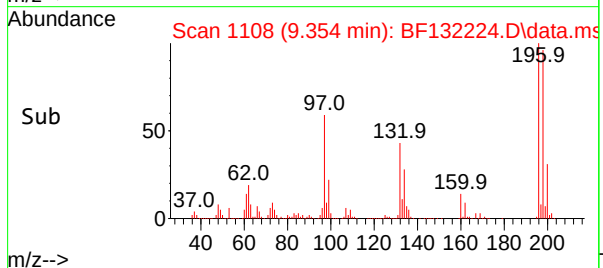
Instrument :
BNA_F
ClientSampleId :
72-11985MS



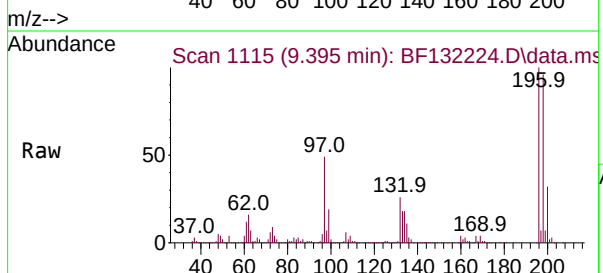
Tgt Ion:196 Resp: 43374
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
200 31.4 24.0 36.0

Manual Integrations
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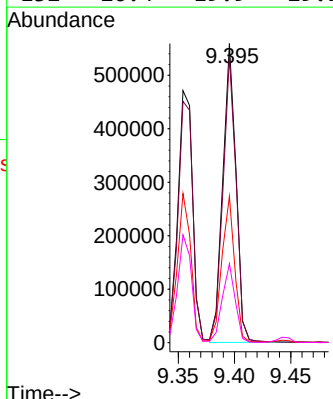
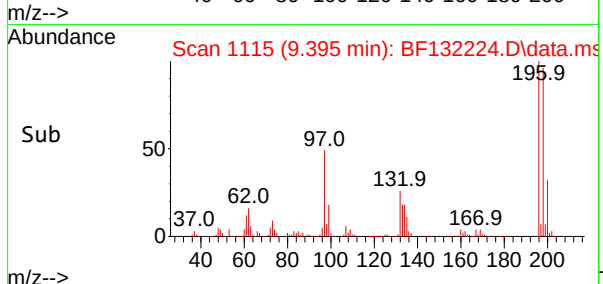
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

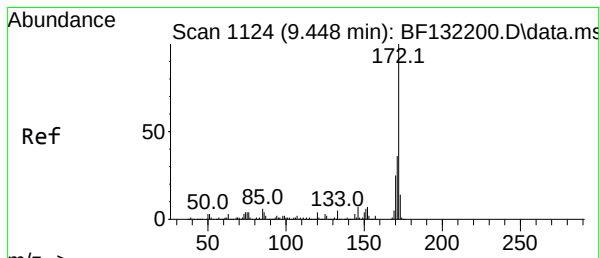


#44
2,4,5-Trichlorophenol
Concen: 44.769 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26



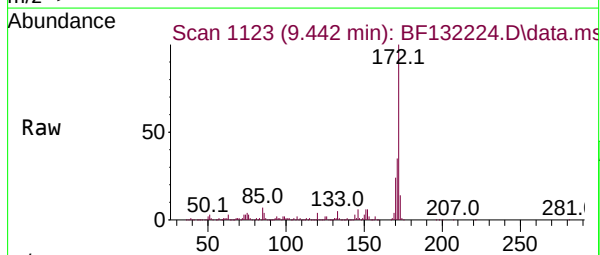
Tgt Ion:196 Resp: 456014
Ion Ratio Lower Upper
196 100
198 95.7 75.8 113.6
97 48.9 37.1 55.7
132 26.4 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 61.296 ng
RT: 9.442 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

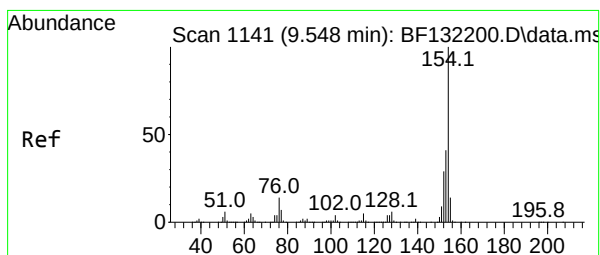
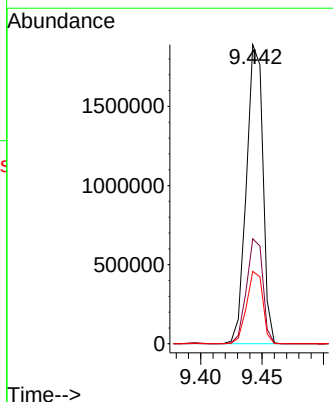
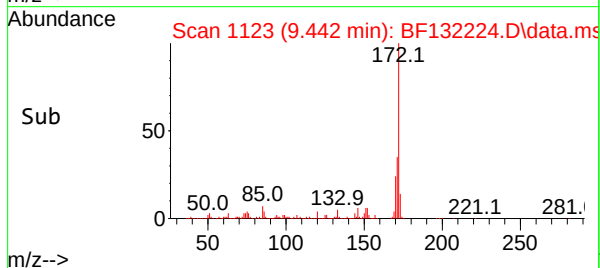
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:172 Resp: 176941
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.6
170 24.2 20.2 30.4

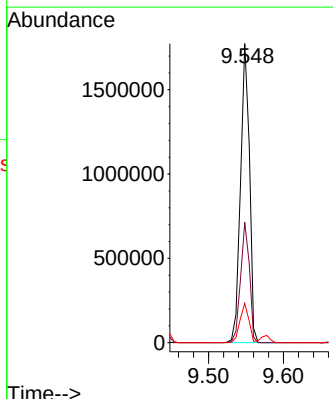
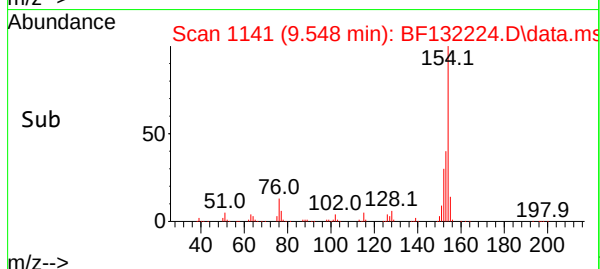
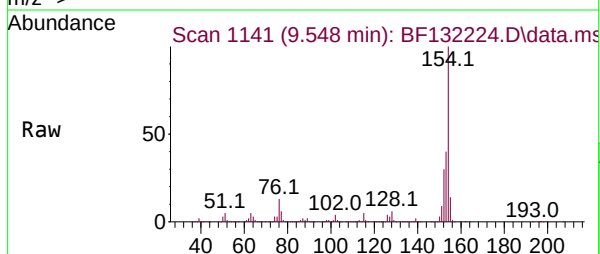
Manual Integrations
APPROVED

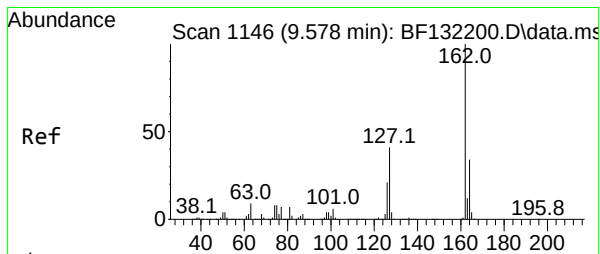
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#46
1,1'-Biphenyl
Concen: 44.439 ng
RT: 9.548 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

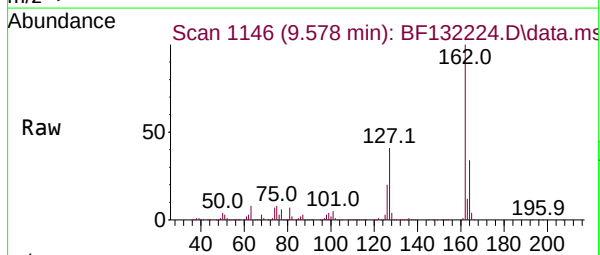
Tgt Ion:154 Resp: 1454655
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 13.1 0.0 34.2





#47
2-Chloronaphthalene
Concen: 45.381 ng
RT: 9.578 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

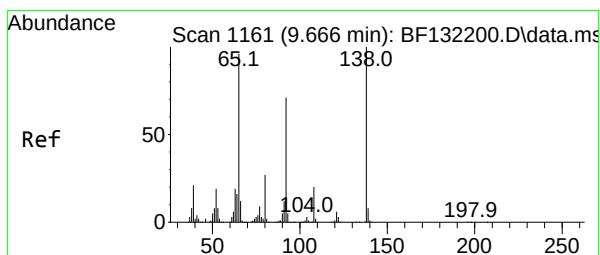
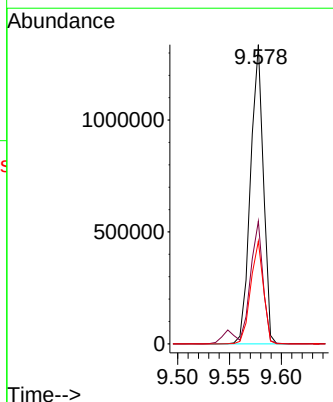
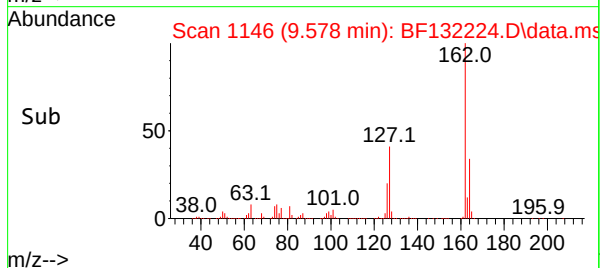
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 162 Resp: 115296
Ion Ratio Lower Upper
162 100
127 41.0 32.7 49.1
164 34.3 27.3 40.9

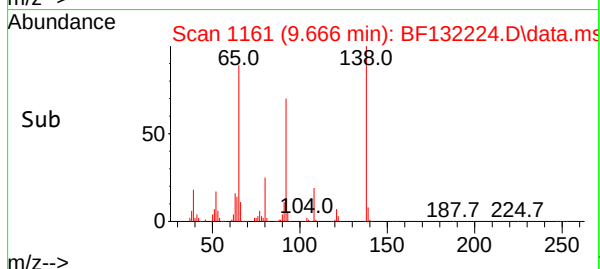
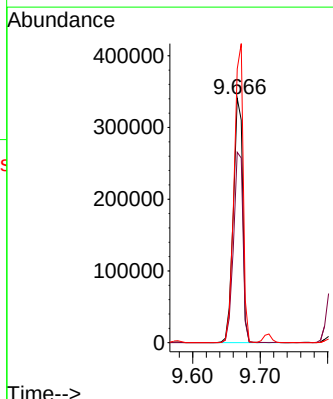
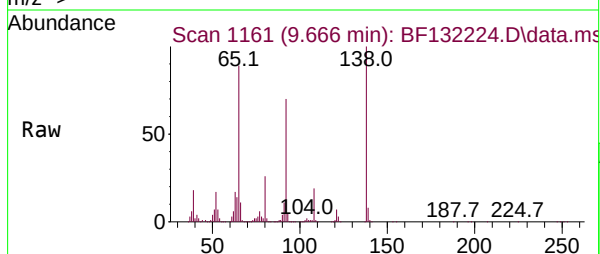
Manual Integrations
APPROVED

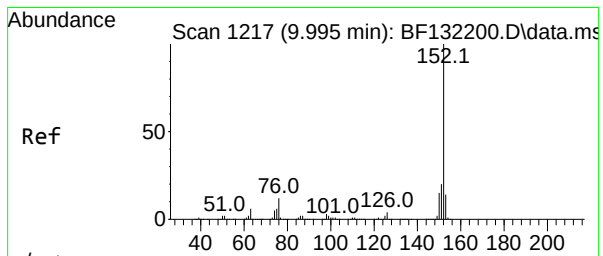
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#48
2-Nitroaniline
Concen: 47.773 ng
RT: 9.666 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

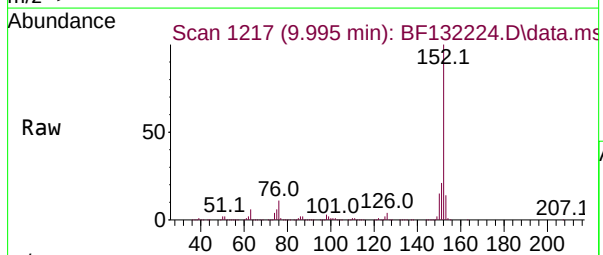
Tgt Ion: 65 Resp: 325963
Ion Ratio Lower Upper
65 100
92 78.0 59.2 88.8
138 112.0 83.7 125.5





#49
Acenaphthylene
Concen: 44.754 ng
RT: 9.995 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

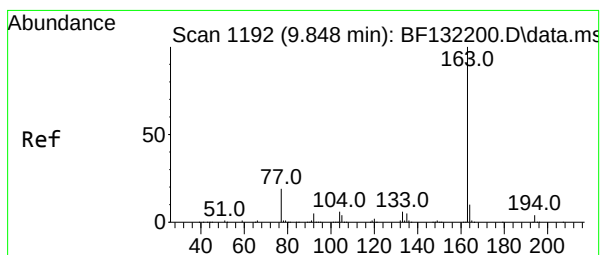
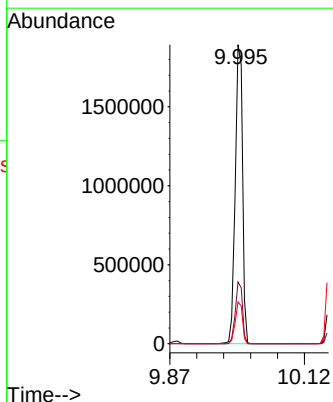
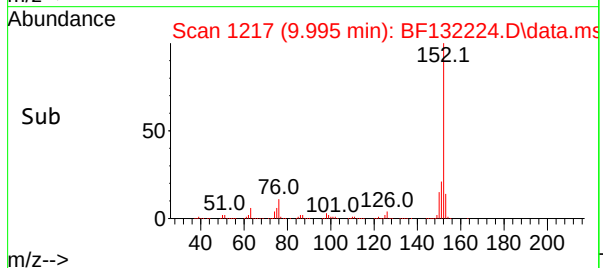
Instrument :
BNA_F
Client Sample Id :
72-11985MS



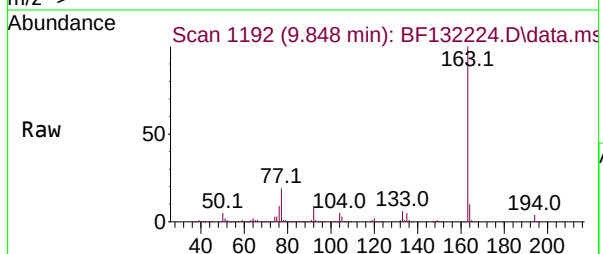
Tgt Ion:152 Resp: 176664
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 10.9 16.3

Manual Integrations
APPROVED

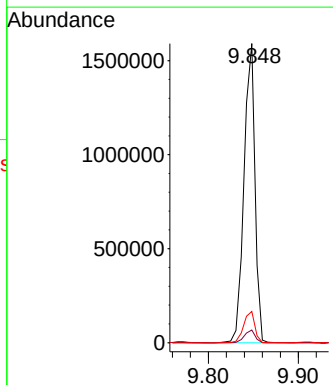
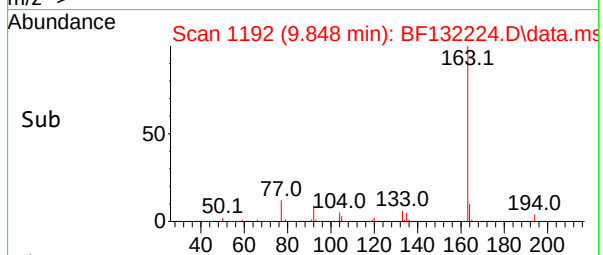
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

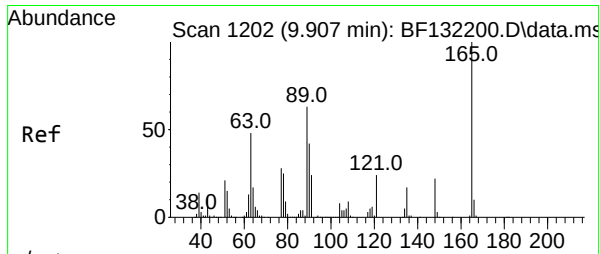


#50
Dimethylphthalate
Concen: 46.912 ng
RT: 9.848 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26



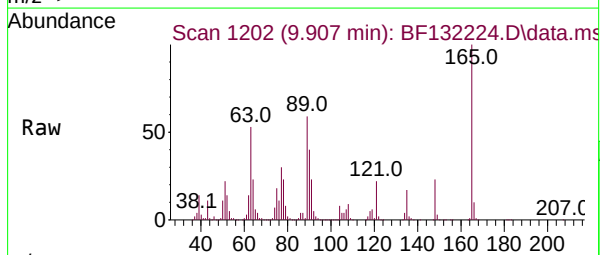
Tgt Ion:163 Resp: 1352305
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 50.286 ng
RT: 9.907 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

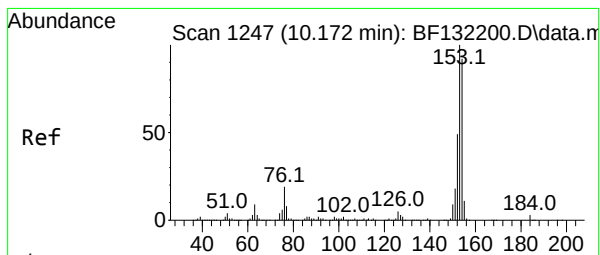
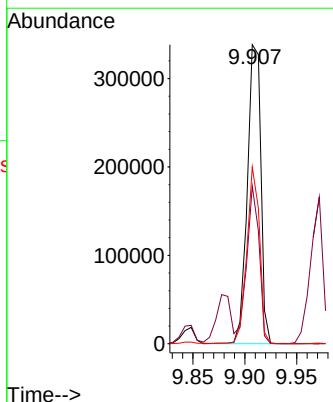
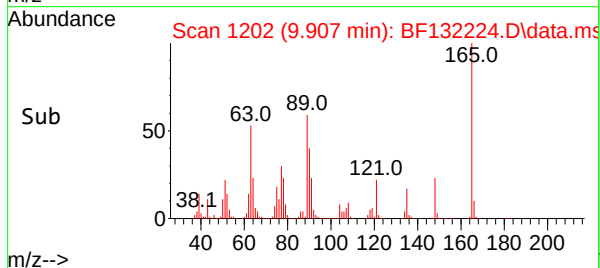
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:165 Resp: 30795
Ion Ratio Lower Upper
165 100
63 52.7 46.1 69.1
89 59.1 50.3 75.5

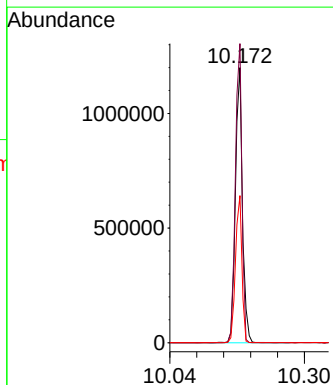
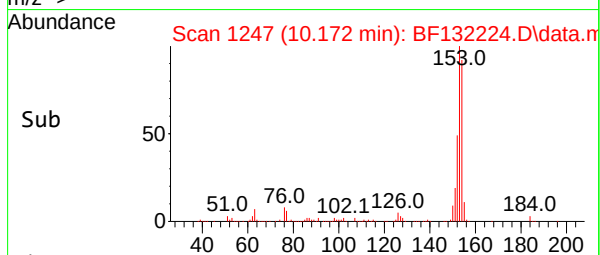
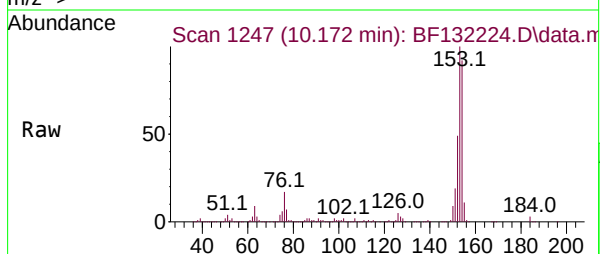
Manual Integrations
APPROVED

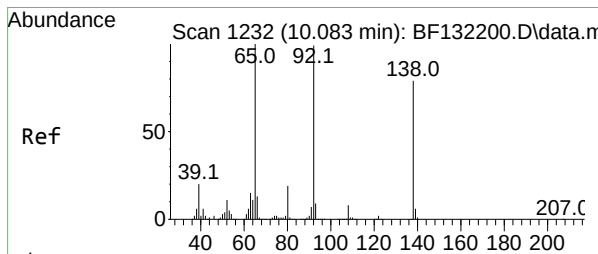
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#52
Acenaphthene
Concen: 46.311 ng
RT: 10.172 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion:154 Resp: 1123962
Ion Ratio Lower Upper
154 100
153 108.7 87.3 130.9
152 53.5 43.2 64.8





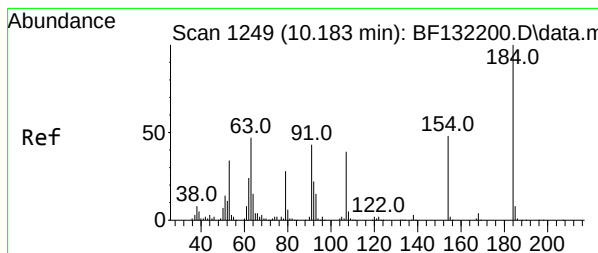
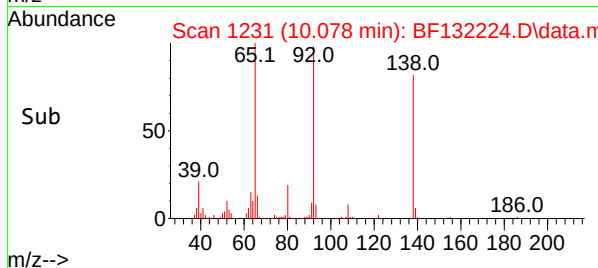
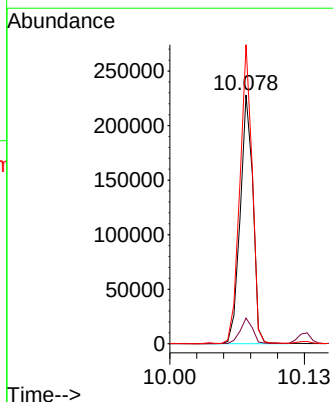
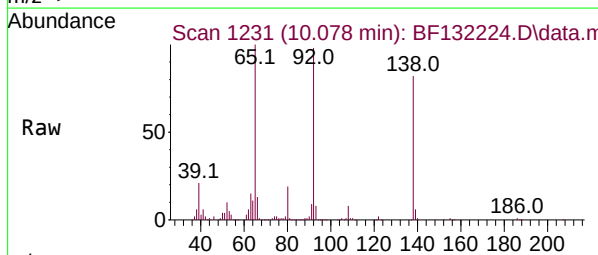
#53
3-Nitroaniline
Concen: 28.392 ng
RT: 10.078 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:138 Resp: 19246
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 120.2 100.2 150.2

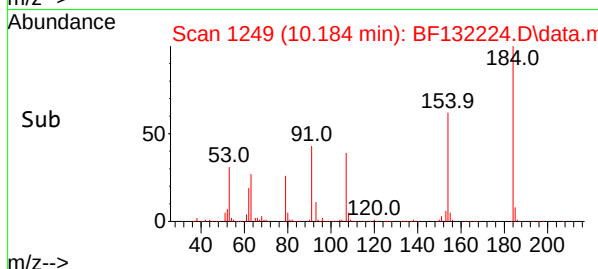
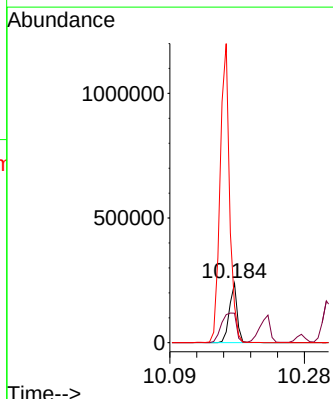
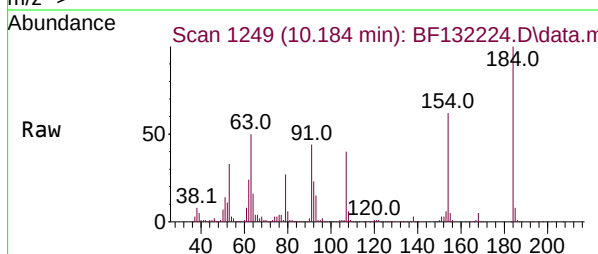
Manual Integrations
APPROVED

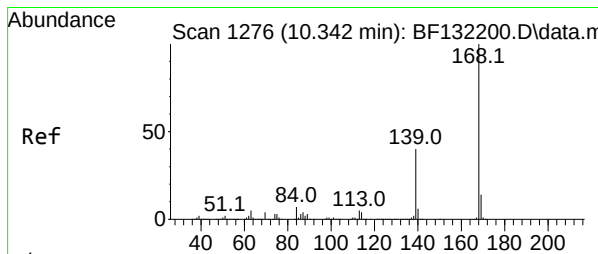
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#54
2,4-Dinitrophenol
Concen: 59.864 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.001 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

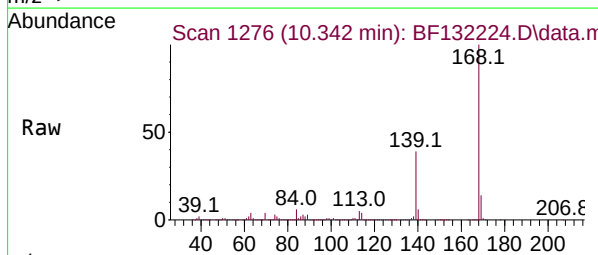
Tgt Ion:184 Resp: 182906
Ion Ratio Lower Upper
184 100
63 49.5 39.8 59.6
154 62.1 54.2 81.2





#55
Dibenzenofuran
Concen: 44.433 ng
RT: 10.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

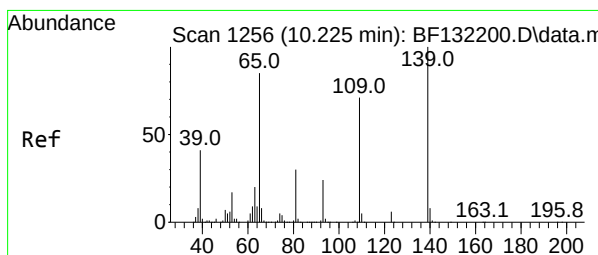
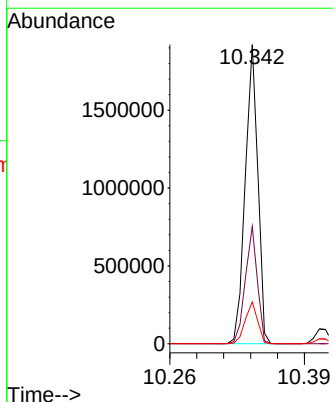
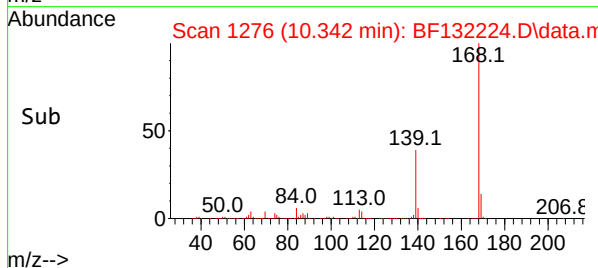
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:168 Resp: 161554
Ion Ratio Lower Upper
168 100
139 39.2 31.7 47.5
169 14.1 11.1 16.7

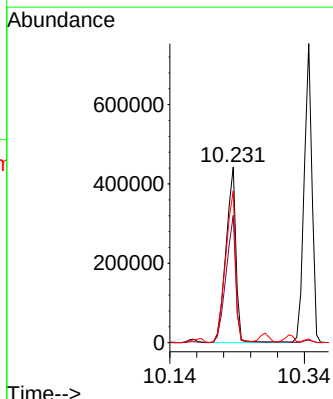
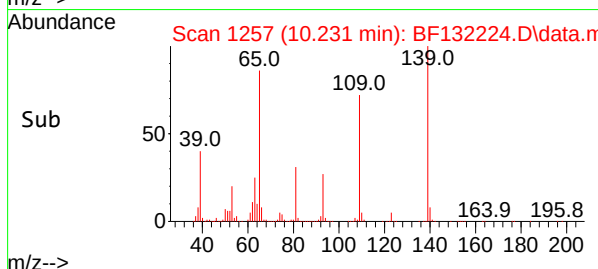
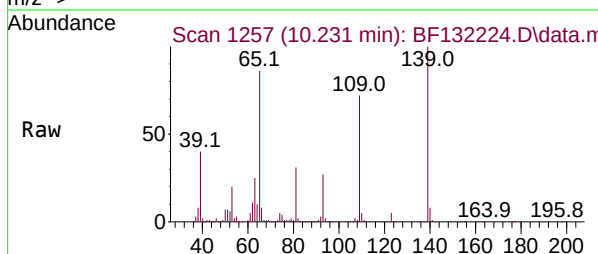
Manual Integrations
APPROVED

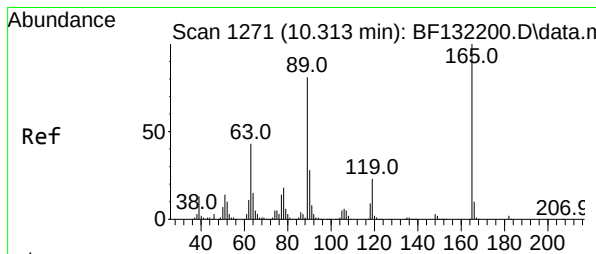
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#56
4-Nitrophenol
Concen: 92.951 ng
RT: 10.231 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

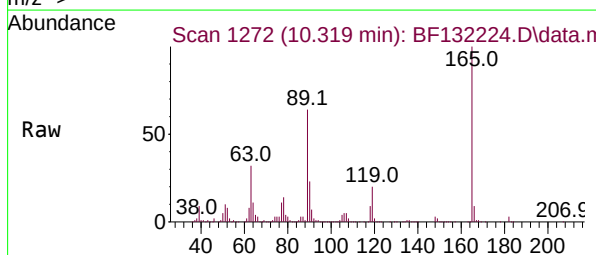
Tgt Ion:139 Resp: 455090
Ion Ratio Lower Upper
139 100
109 72.4 50.8 90.8
65 86.4 65.5 105.5





#57
 2,4-Dinitrotoluene
 Concen: 52.688 ng
 RT: 10.319 min Scan# 1271
 Delta R.T. 0.006 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26

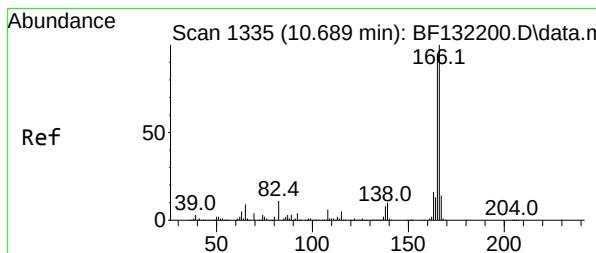
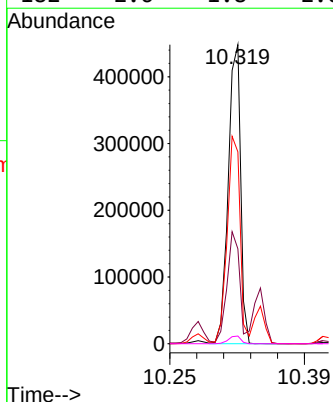
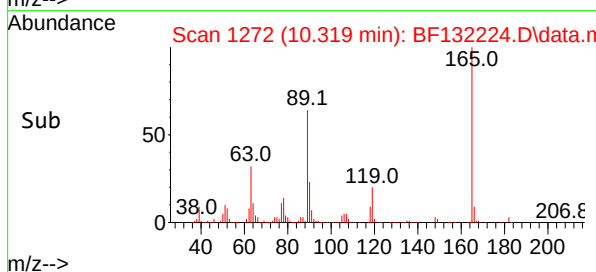
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS



Tgt Ion:	165	Resp:	39723
Ion	Ratio	Lower	Upper
165	100		
63	31.8	34.2	51.2
89	64.1	65.1	97.7
182	2.6	1.8	2.6

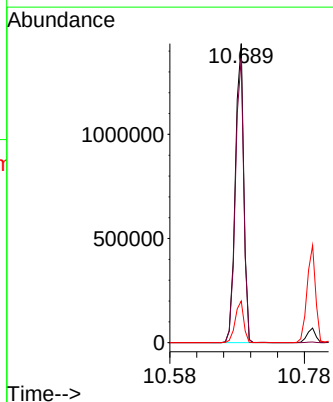
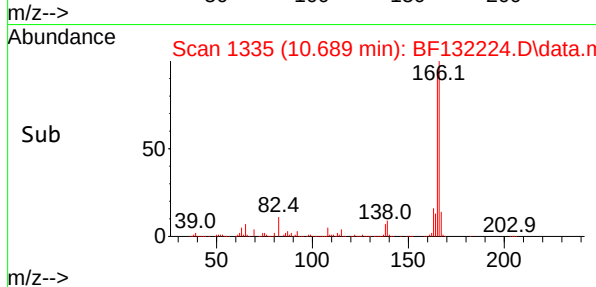
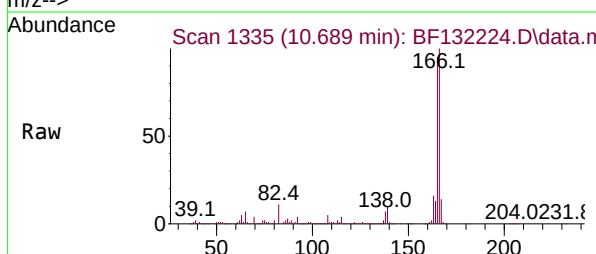
Manual Integrations
 APPROVED

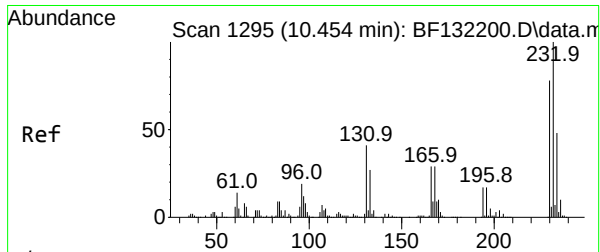
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#58
 Fluorene
 Concen: 44.543 ng
 RT: 10.689 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26

Tgt Ion:	166	Resp:	1237059
Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.3	114.5
167	13.9	10.9	16.3





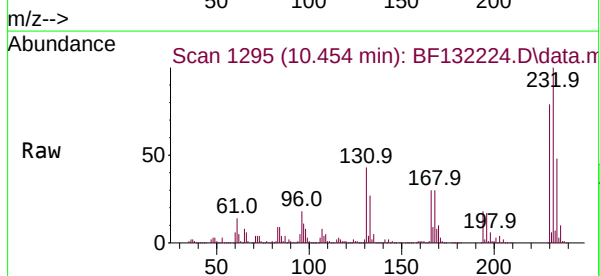
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.525 ng
RT: 10.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :

BNA_F

ClientSampleId :

72-11985MS

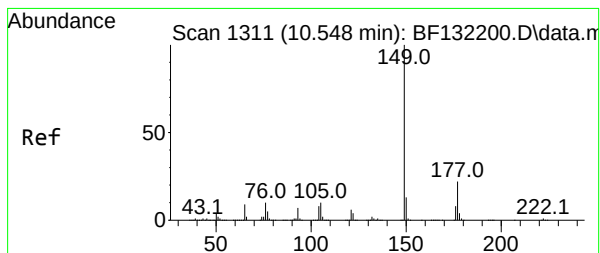
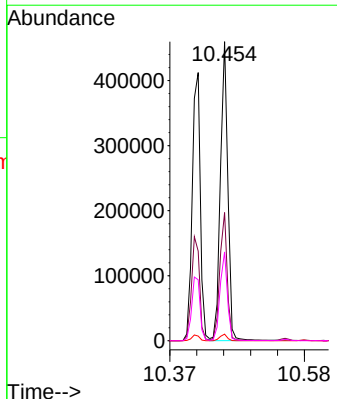
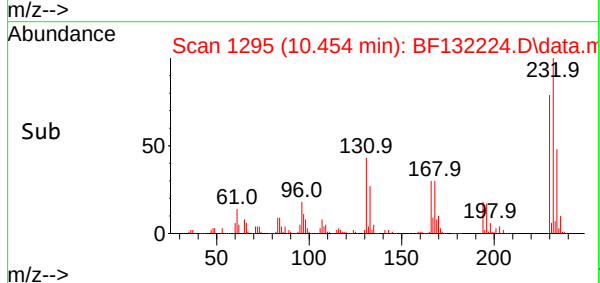


Tgt Ion: 232 Resp: 36567
Ion Ratio Lower Upper
232 100
131 42.8 35.1 52.7
130 2.2 1.7 2.5
166 29.5 24.0 36.0

Manual Integrations

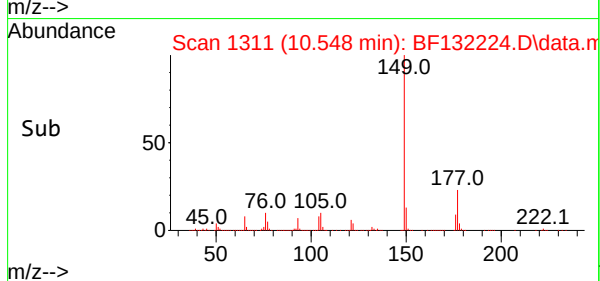
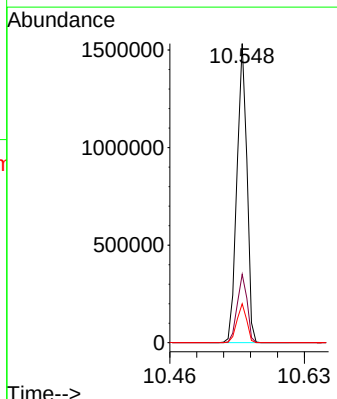
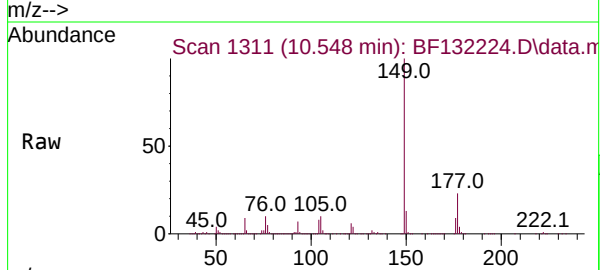
APPROVED

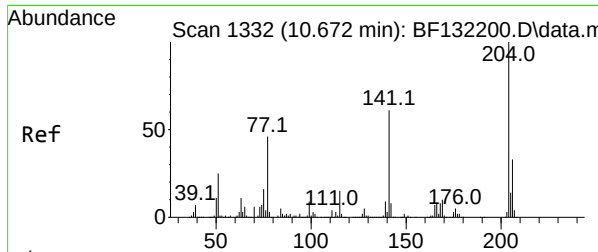
Reviewed By : Christian Giraldo 01/31/2023
Supervised By : Jagrut Upadhyay 01/31/2023



#60
Diethylphthalate
Concen: 47.675 ng
RT: 10.548 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

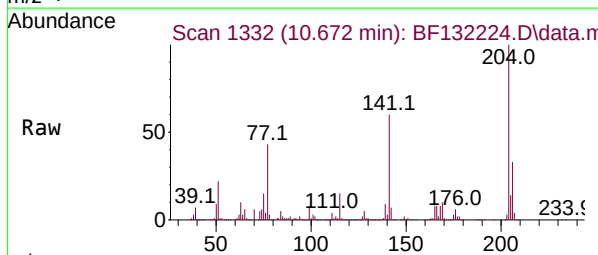
Tgt Ion: 149 Resp: 1339672
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.413 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

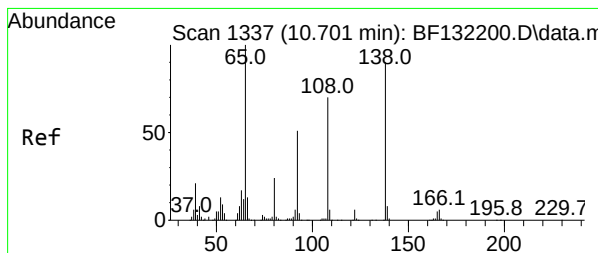
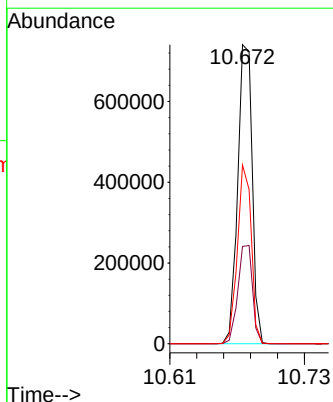
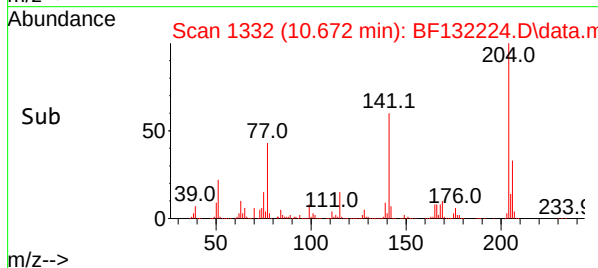
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:204 Resp: 66531
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 59.8 49.2 73.8

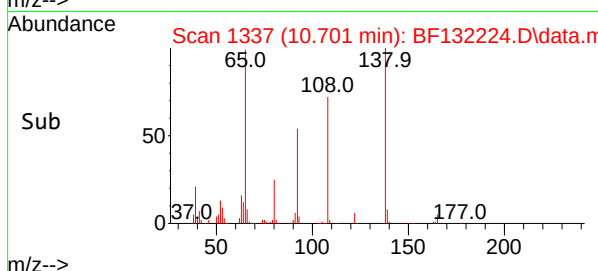
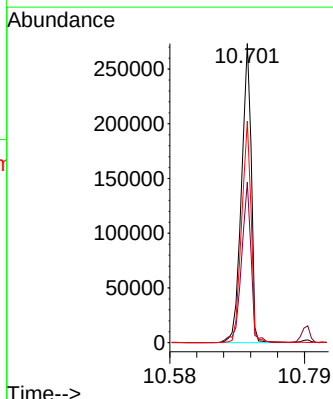
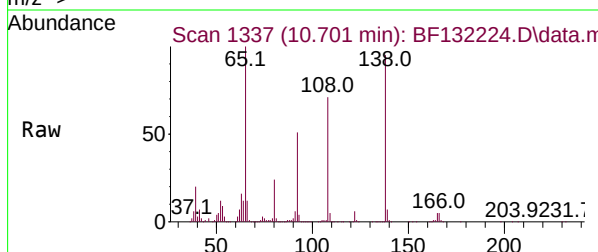
Manual Integrations
APPROVED

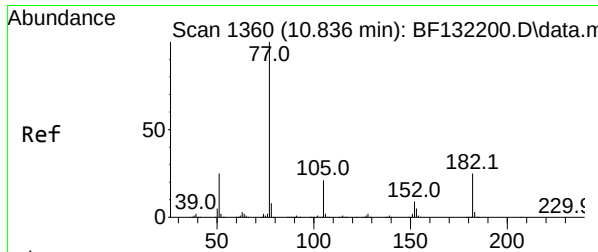
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#62
4-Nitroaniline
Concen: 45.266 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

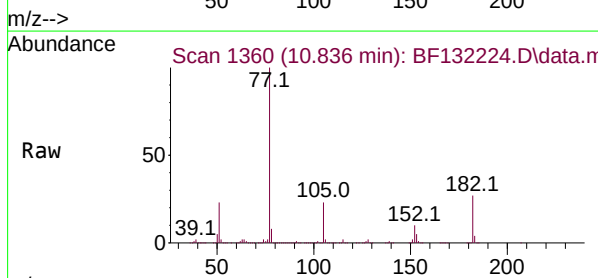
Tgt Ion:138 Resp: 287813
Ion Ratio Lower Upper
138 100
92 53.6 36.0 76.0
108 74.0 57.9 97.9





#63
Azobenzene
Concen: 43.718 ng
RT: 10.836 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

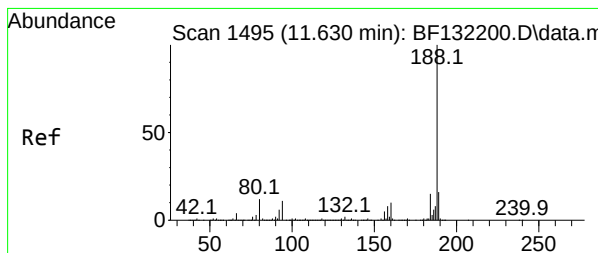
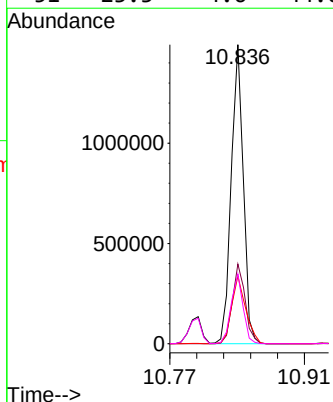
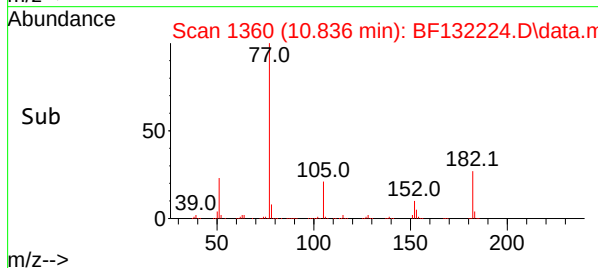
Instrument :
BNA_F
Client Sample Id :
72-11985MS



Tgt Ion: 77 Resp: 129645
Ion Ratio Lower Upper
77 100
182 26.7 4.7 44.7
105 22.7 1.1 41.1
51 23.3 4.6 44.6

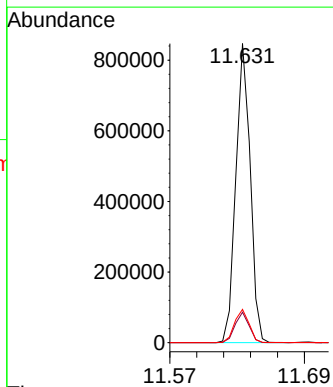
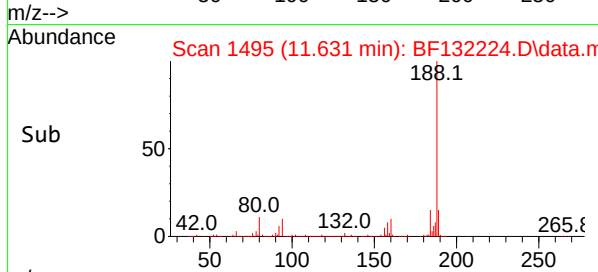
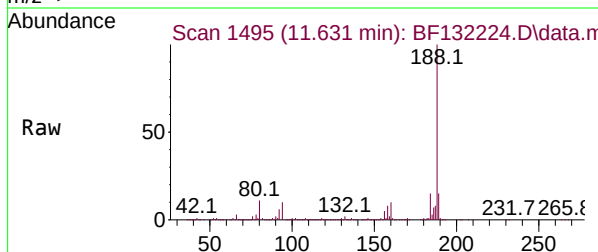
Manual Integrations
APPROVED

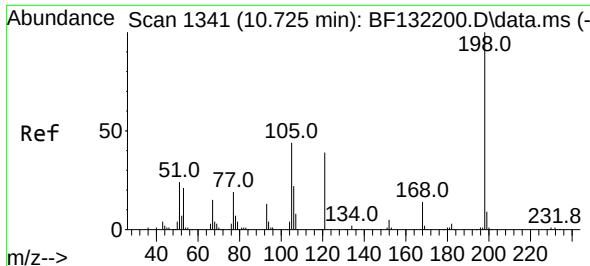
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.631 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion:188 Resp: 752255
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8





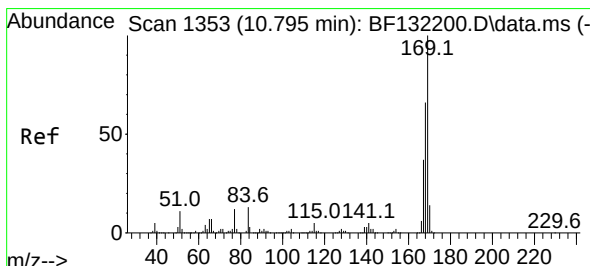
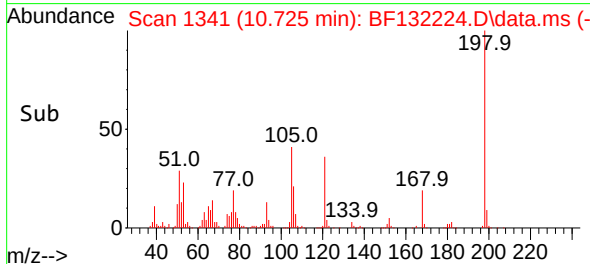
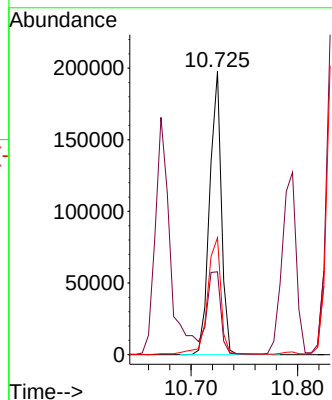
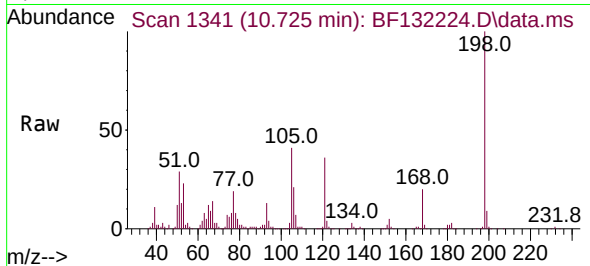
#65
4,6-Dinitro-2-methylphenol
Concen: 39.602 ng
RT: 10.725 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Tgt Ion:198 Resp: 150071
Ion Ratio Lower Upper
198 100
51 29.3 14.9 54.9
105 41.3 24.2 64.2

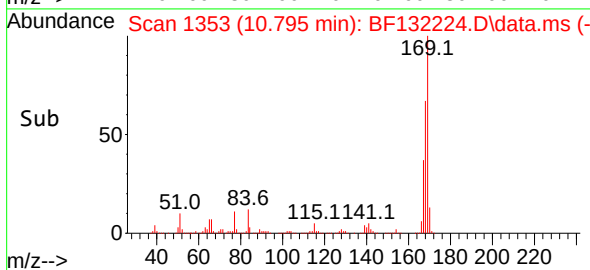
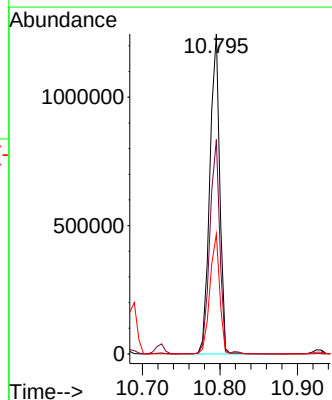
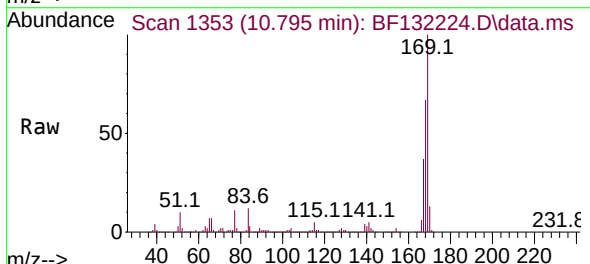
Manual Integrations
APPROVED

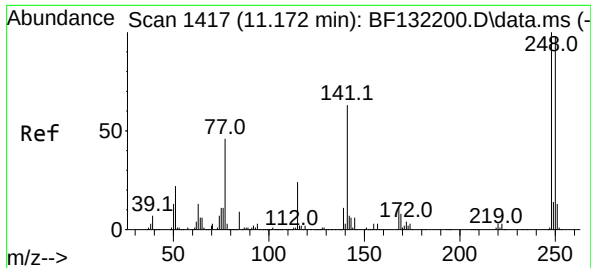
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#66
n-Nitrosodiphenylamine
Concen: 46.675 ng
RT: 10.795 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

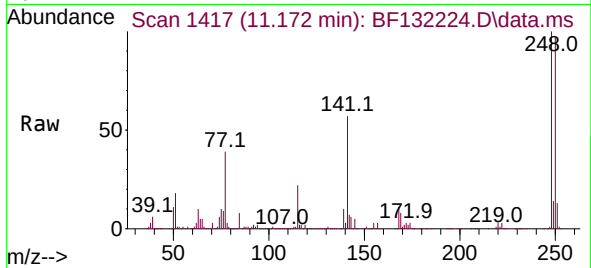
Tgt Ion:169 Resp: 1102577
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 37.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 48.712 ng
RT: 11.172 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

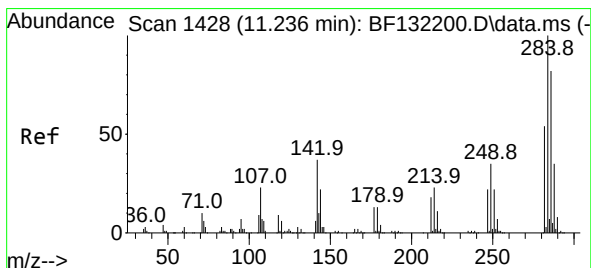
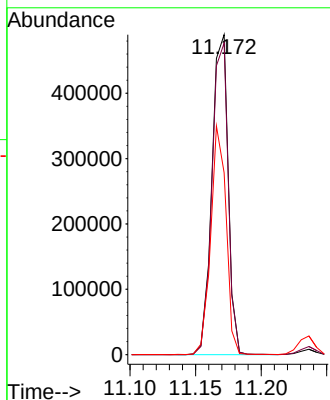
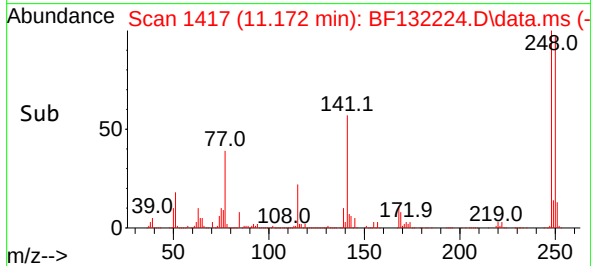
Instrument :
BNA_F
ClientSampleId :
72-11985MS



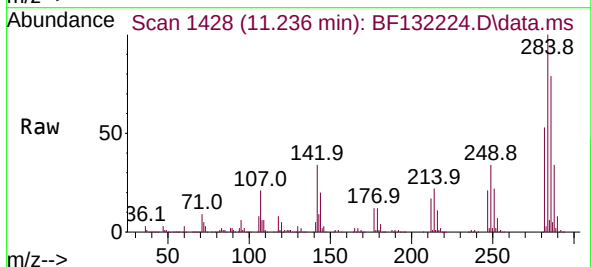
Tgt Ion:248 Resp: 421852
Ion Ratio Lower Upper
248 100
250 97.3 78.5 117.7
141 56.8 50.2 75.4

Manual Integrations
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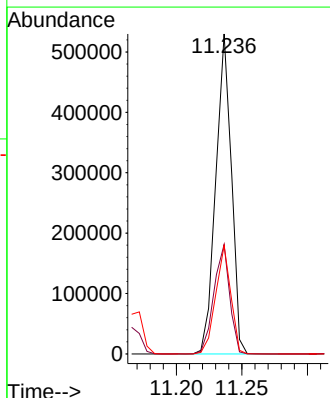
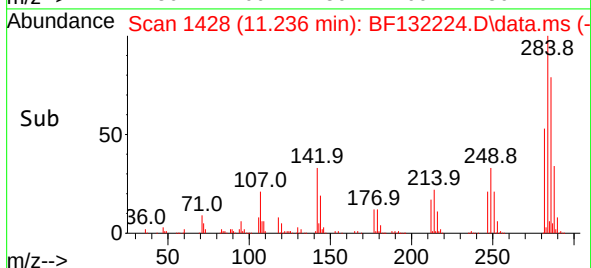
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

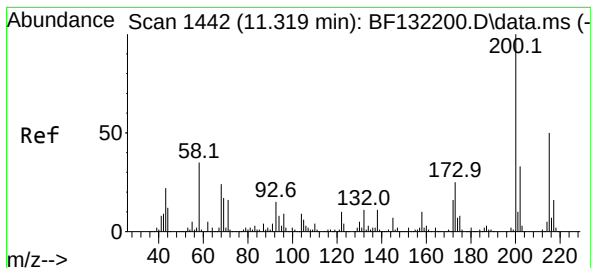


#68
Hexachlorobenzene
Concen: 51.110 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26



Tgt Ion:284 Resp: 438578
Ion Ratio Lower Upper
284 100
142 34.2 29.4 44.2
249 33.9 27.8 41.8





#69

Atrazine

Concen: 55.978 ng

RT: 11.319 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA_F

ClientSampleId :

72-11985MS

Tgt Ion:200 Resp: 379536

Ion Ratio Lower Upper

200 100

173 25.4 5.2 45.2

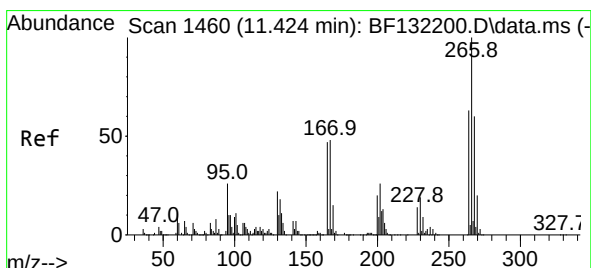
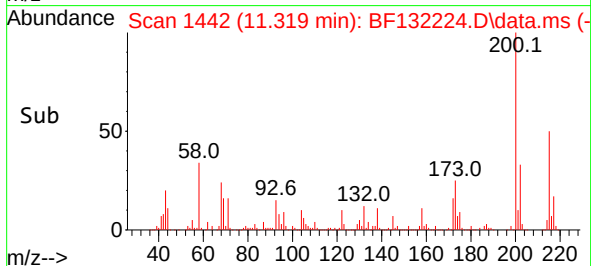
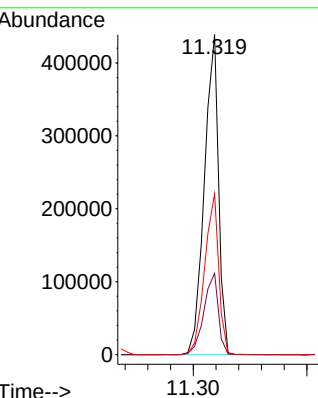
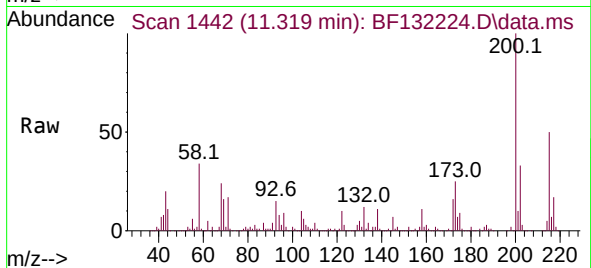
215 50.3 29.8 69.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#70

Pentachlorophenol

Concen: 76.944 ng

RT: 11.431 min Scan# 1461

Delta R.T. 0.007 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

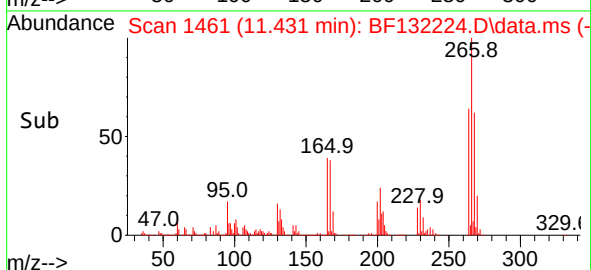
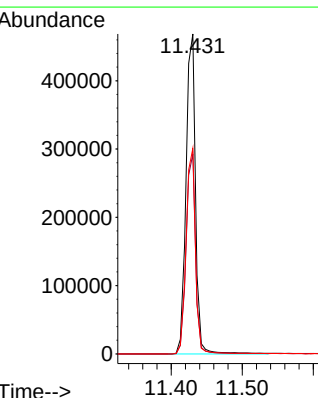
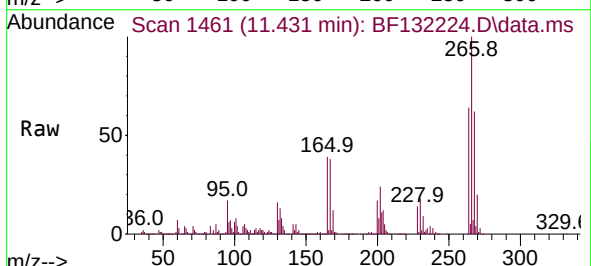
Tgt Ion:266 Resp: 435798

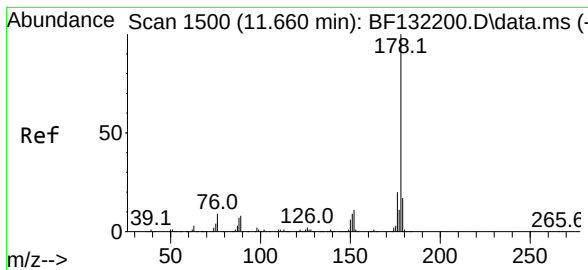
Ion Ratio Lower Upper

266 100

268 62.4 48.2 72.4

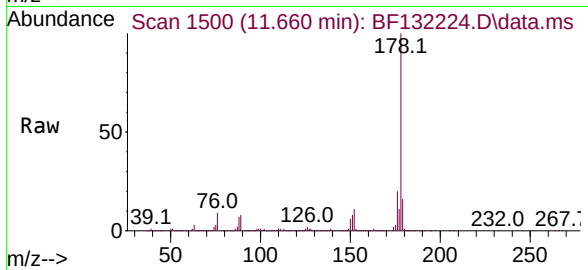
264 64.2 50.7 76.1





#71
Phenanthrene
Concen: 46.515 ng
RT: 11.660 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

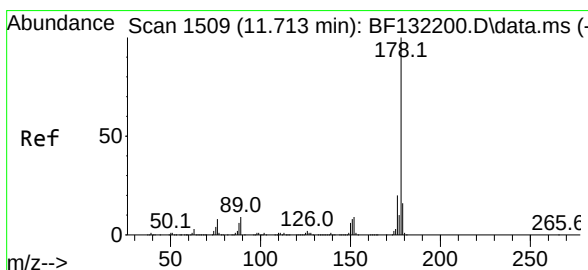
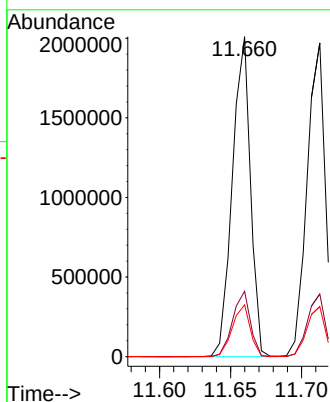
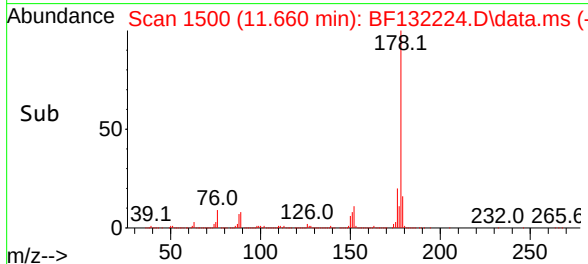
Instrument :
BNA_F
ClientSampleId :
72-11985MS



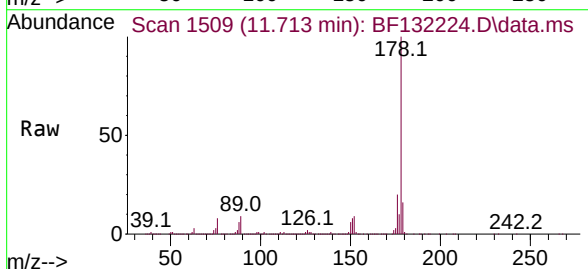
Tgt Ion:178 Resp: 1780079
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.2 13.3 19.9

Manual Integrations
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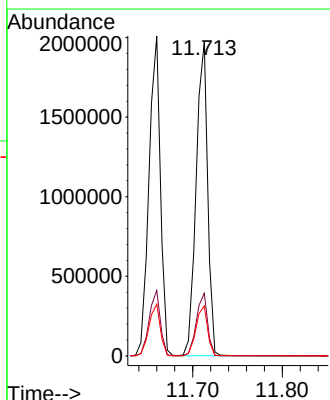
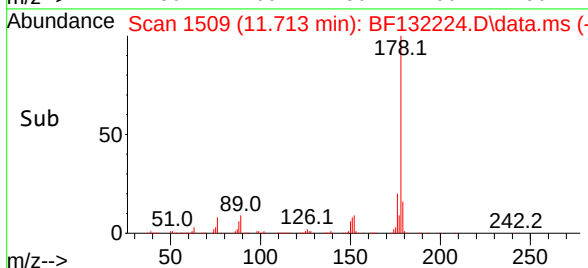
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

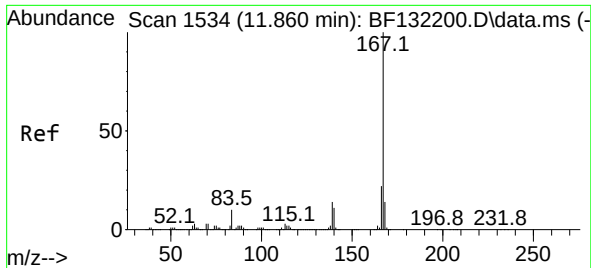


#72
Anthracene
Concen: 45.086 ng
RT: 11.713 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26



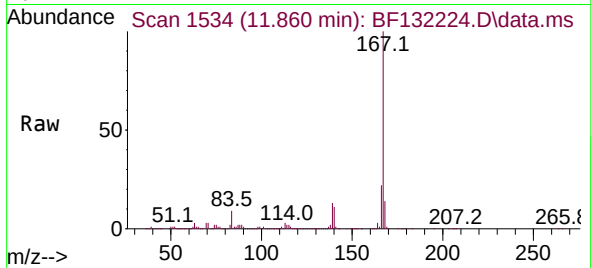
Tgt Ion:178 Resp: 1756979
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 16.0 13.0 19.6





#73
 Carbazole
 Concen: 44.778 ng
 RT: 11.860 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26

Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS

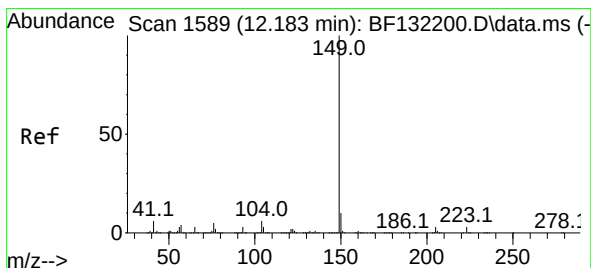
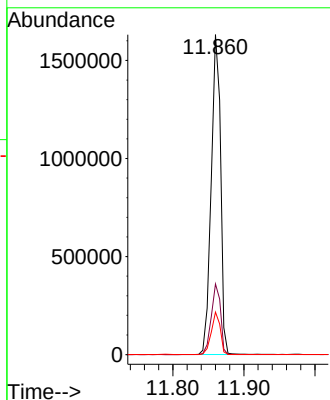
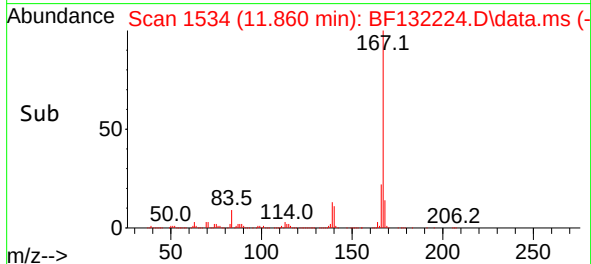


Tgt Ion:167 Resp: 1499002

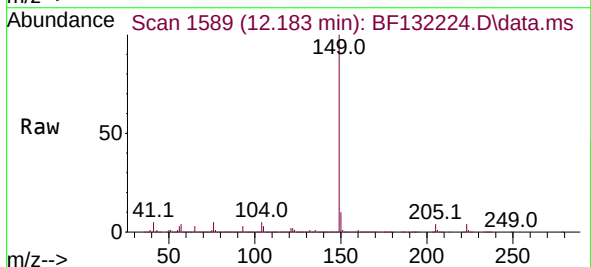
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.3	10.8	16.2

Manual Integrations
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Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023

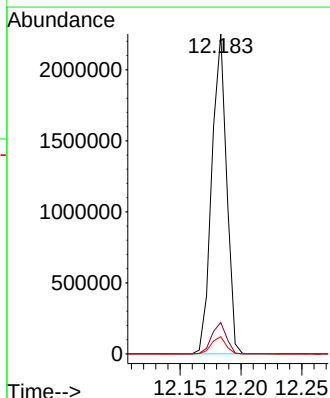
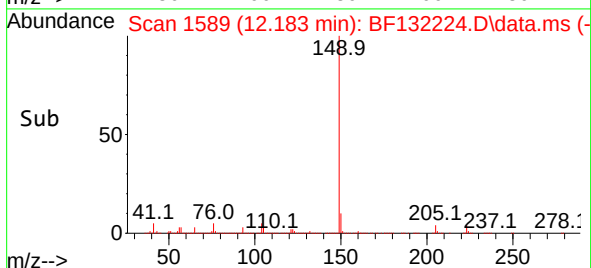


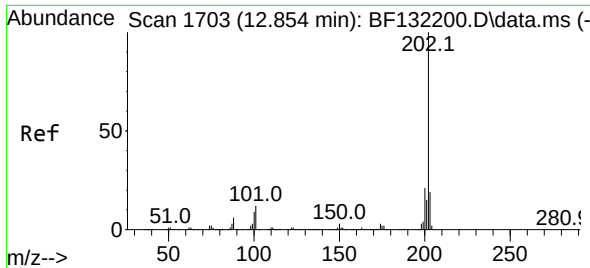
#74
 Di-n-butylphthalate
 Concen: 49.888 ng
 RT: 12.183 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26



Tgt Ion:149 Resp: 1899991

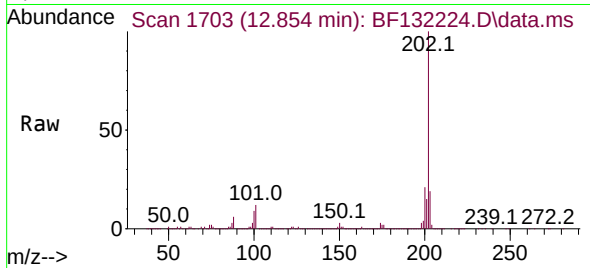
Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.4	4.6	7.0





#75
Fluoranthene
Concen: 42.877 ng
RT: 12.854 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

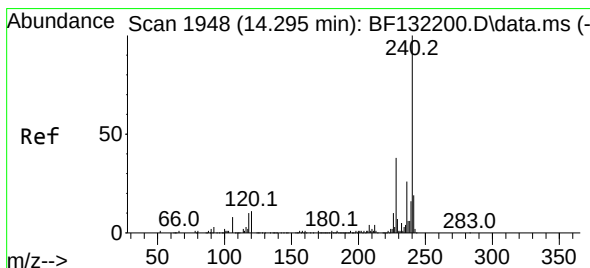
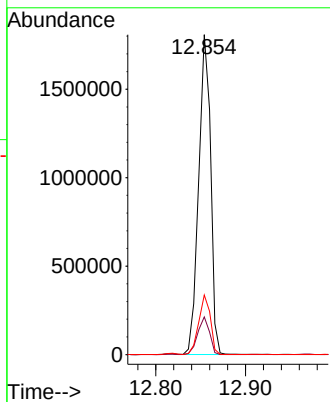
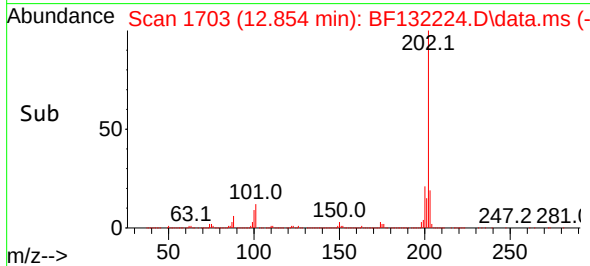
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:202 Resp: 1669528
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.5
203 18.6 0.0 38.8

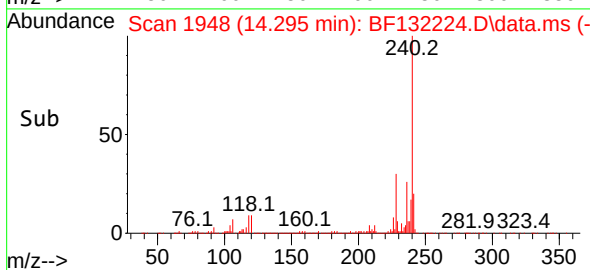
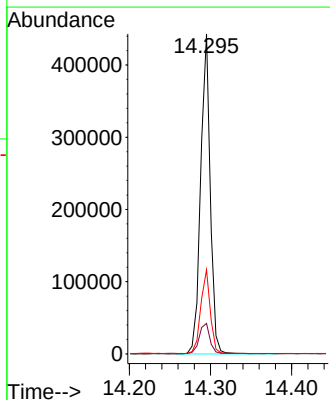
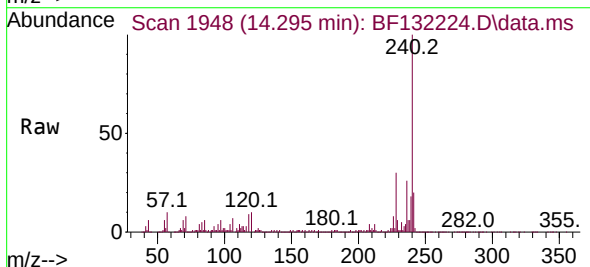
Manual Integrations
APPROVED

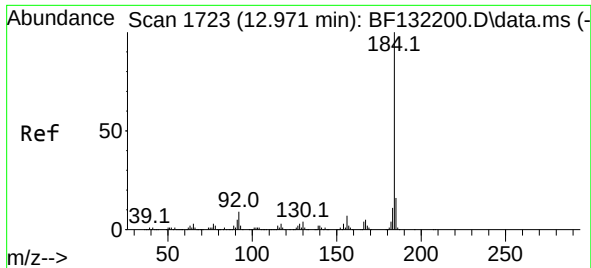
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.295 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

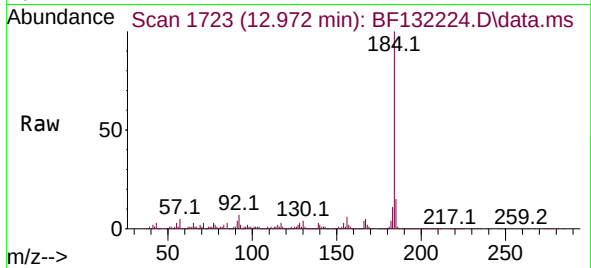
Tgt Ion:240 Resp: 362676
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.4
236 26.3 20.8 31.2





#77
Benzidine
Concen: 45.892 ng
RT: 12.972 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

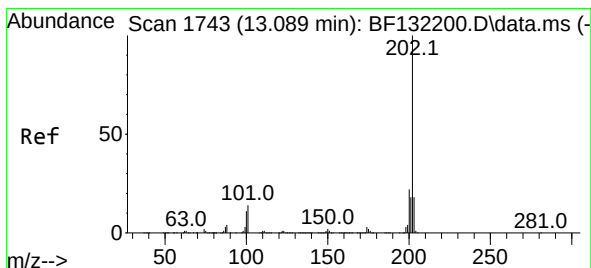
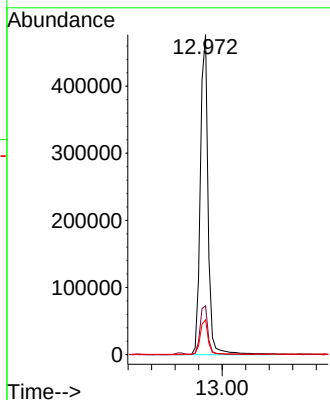
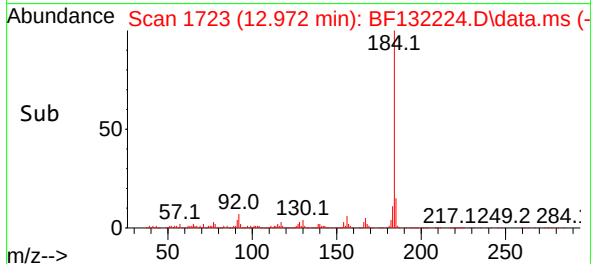
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:184 Resp: 434432
Ion Ratio Lower Upper
184 100
185 15.2 13.2 19.8
183 10.9 8.8 13.2

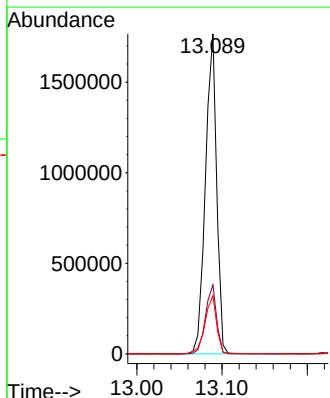
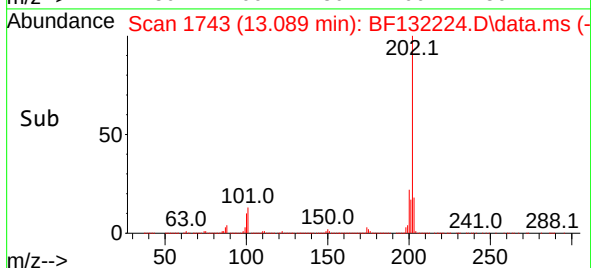
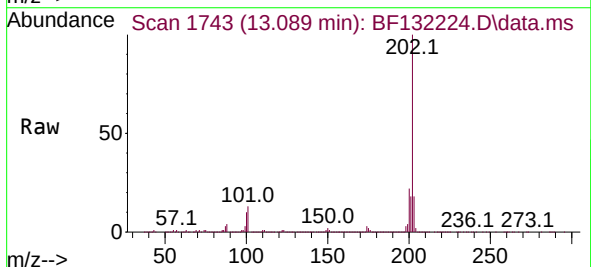
Manual Integrations
APPROVED

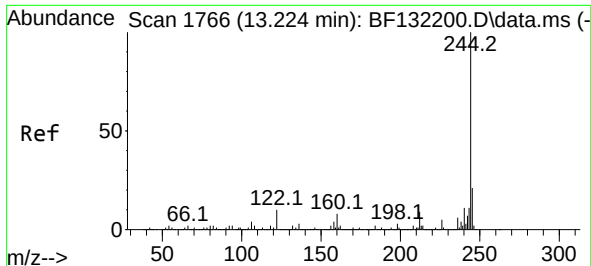
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#78
Pyrene
Concen: 47.468 ng
RT: 13.089 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

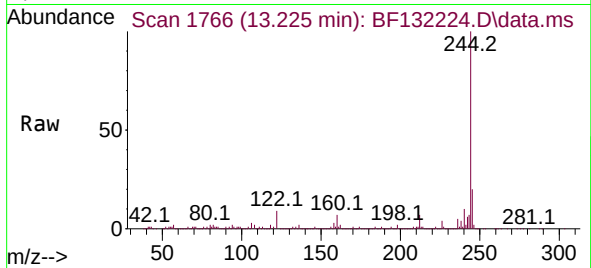
Tgt Ion:202 Resp: 1613005
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.2 14.7 22.1





#79
 Terphenyl-d14
 Concen: 66.663 ng
 RT: 13.225 min Scan# 1766
 Delta R.T. 0.001 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26

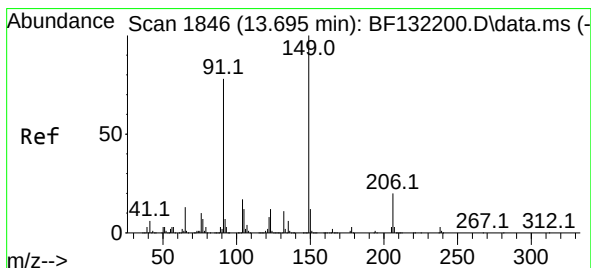
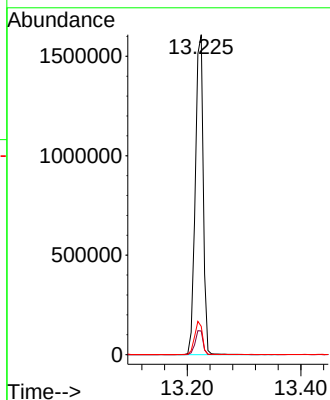
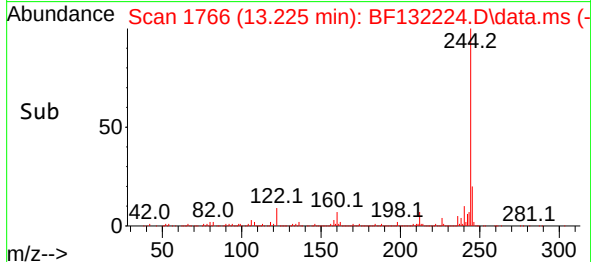
Instrument :
 BNA_F
 ClientSampleId :
 72-11985MS



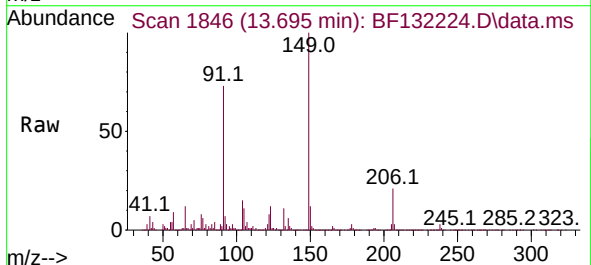
Tgt Ion:244 Resp: 1538854
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.8 10.2
 122 8.8 8.3 12.5

Manual Integrations
 APPROVED

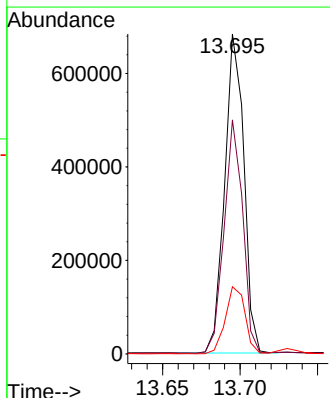
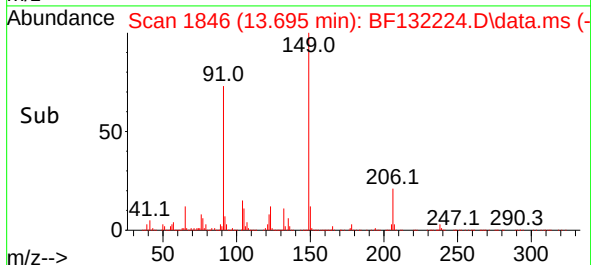
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023

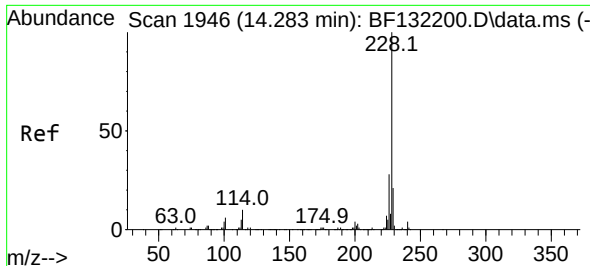


#80
 Butylbenzylphthalate
 Concen: 51.414 ng
 RT: 13.695 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26



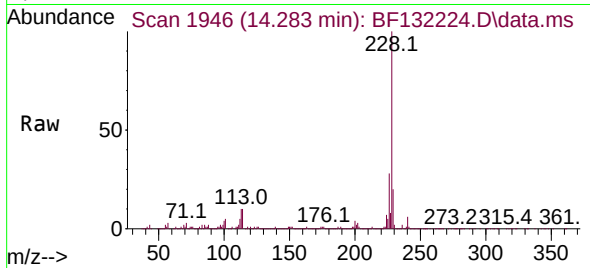
Tgt Ion:149 Resp: 589174
 Ion Ratio Lower Upper
 149 100
 91 73.1 62.1 93.1
 206 21.0 15.8 23.8





#81
Benzo(a)anthracene
Concen: 46.982 ng
RT: 14.283 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

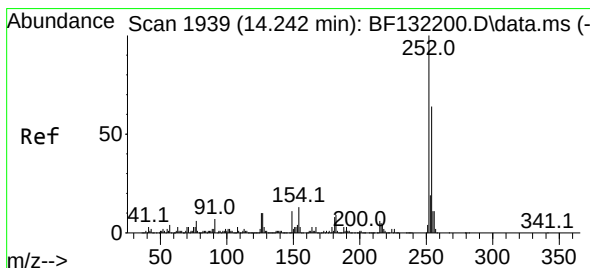
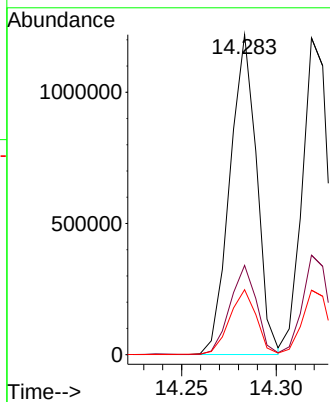
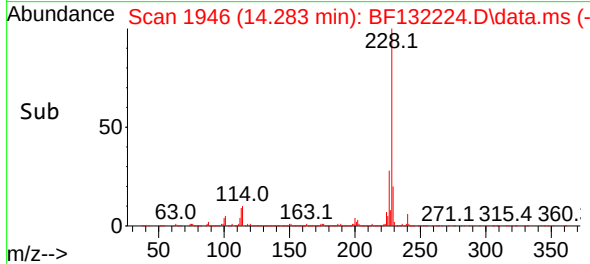
Instrument :
BNA_F
ClientSampleId :
72-11985MS



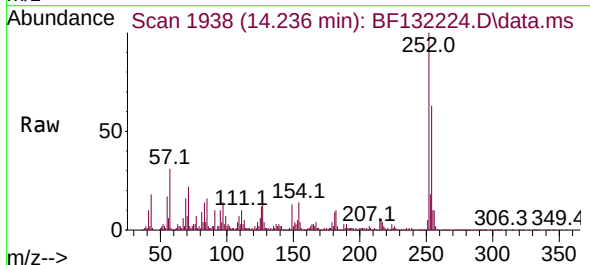
Tgt Ion:228 Resp: 1198038
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.3 16.5 24.7

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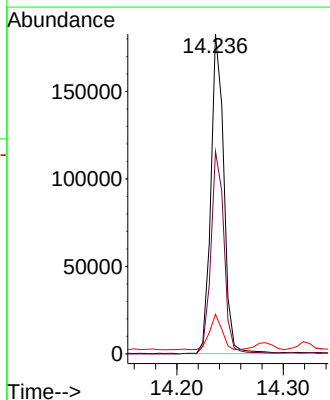
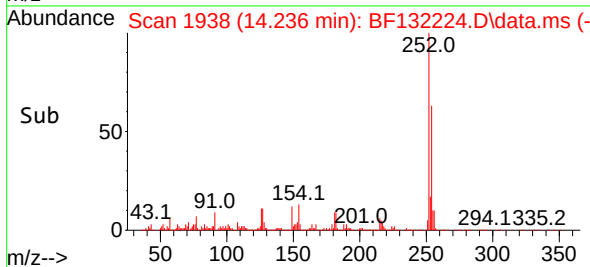
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

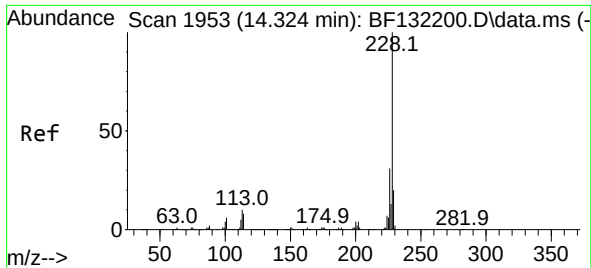


#82
3,3'-Dichlorobenzidine
Concen: 22.436 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26



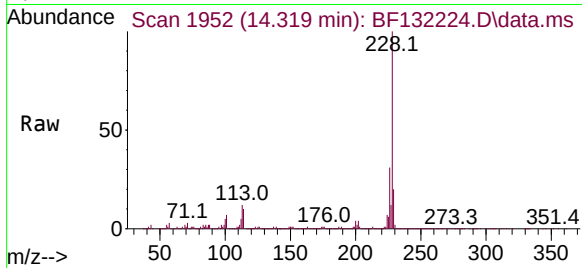
Tgt Ion:252 Resp: 155038
Ion Ratio Lower Upper
252 100
254 63.3 51.5 77.3
126 12.4 8.0 12.0#





#83
Chrysene
Concen: 47.148 ng
RT: 14.319 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

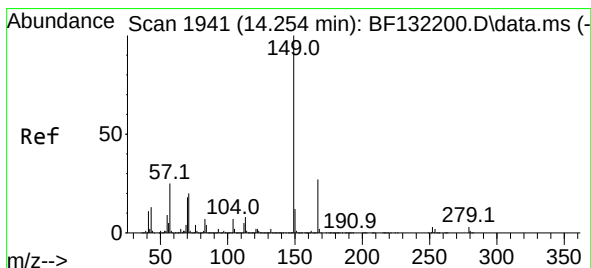
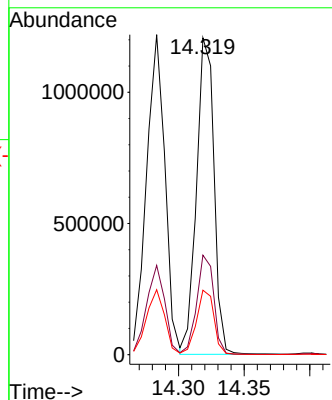
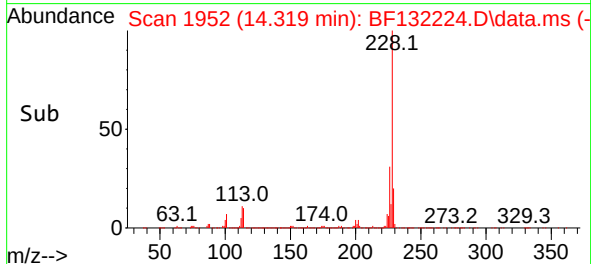
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:228 Resp: 1120404
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.3 16.2 24.4

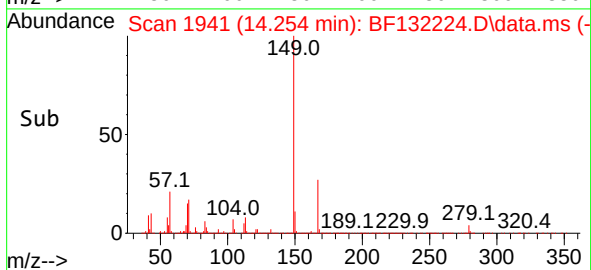
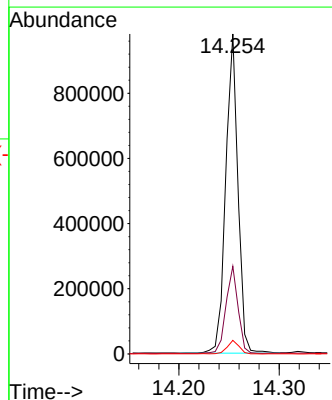
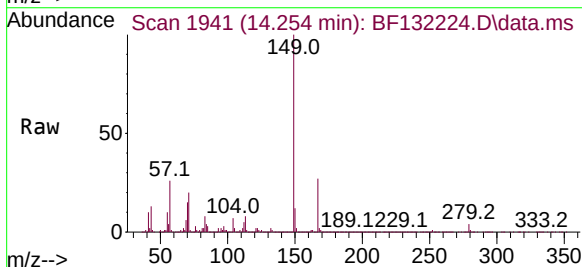
Manual Integrations
APPROVED

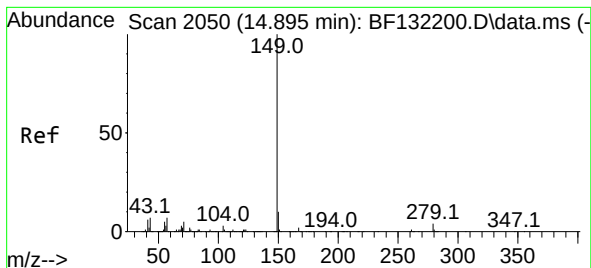
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.241 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion:149 Resp: 833996
Ion Ratio Lower Upper
149 100
167 27.4 21.7 32.5
279 4.2 2.8 4.2#





#85

Di-n-octyl phthalate

Concen: 56.208 ng

RT: 14.889 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

Instrument :

BNA_F

ClientSampleId :

72-11985MS

Tgt Ion:149 Resp: 1252964

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

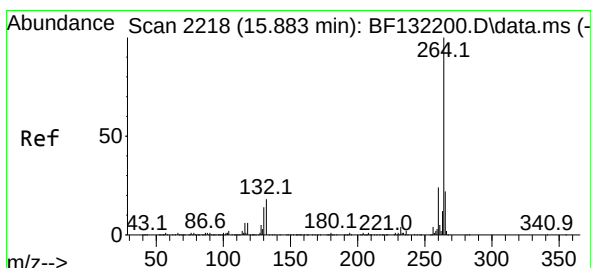
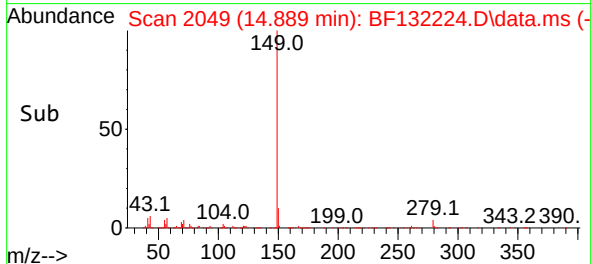
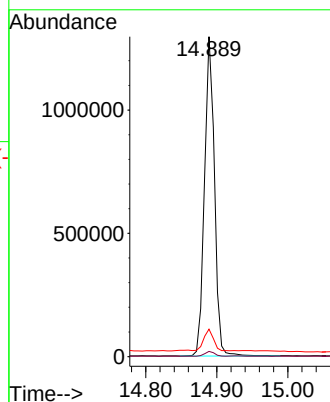
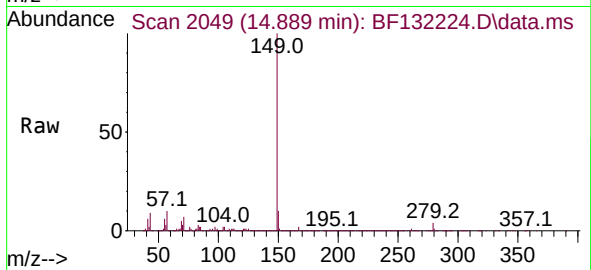
43 6.5 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.883 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF132224.D

Acq: 30 Jan 2023 22:26

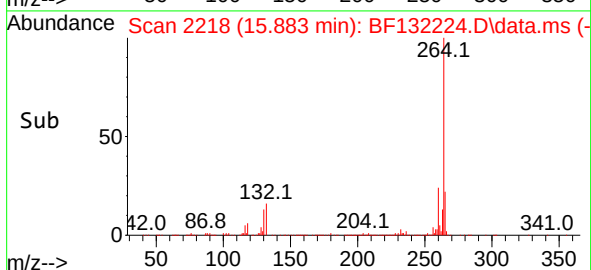
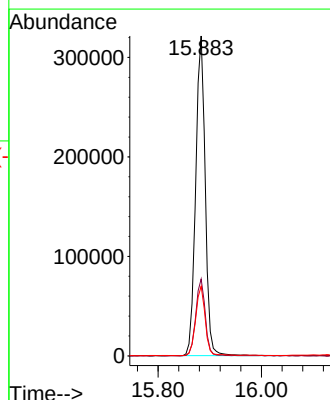
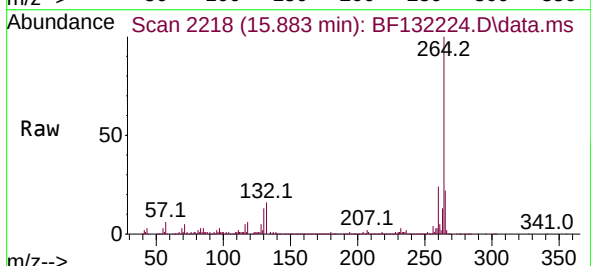
Tgt Ion:264 Resp: 412993

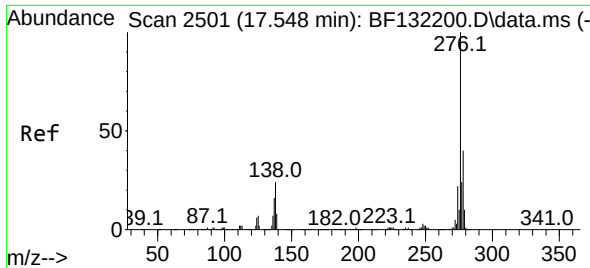
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.8 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.703 ng
 RT: 17.542 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26

Instrument :

BNA_F

ClientSampleId :

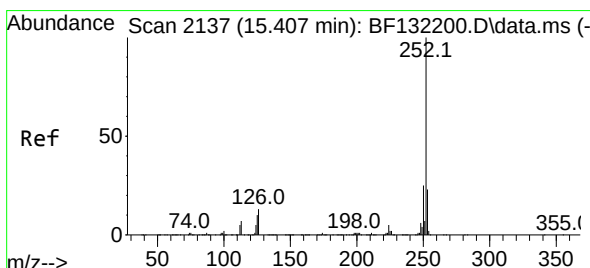
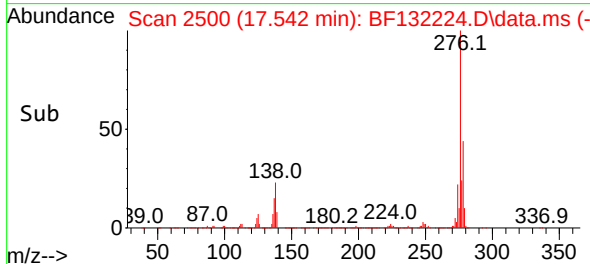
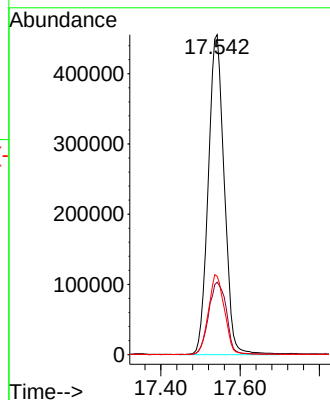
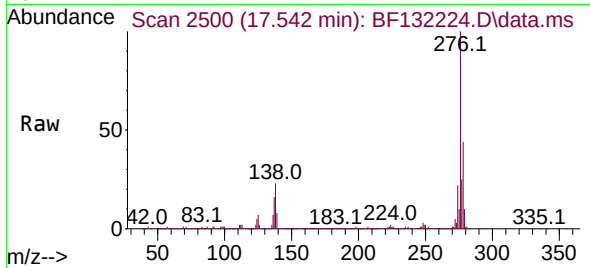
72-11985MS

Tgt Ion:276 Resp: 127524
 Ion Ratio Lower Upper
 276 100
 138 25.1 21.0 31.6
 277 25.1 20.0 30.0

Manual Integrations

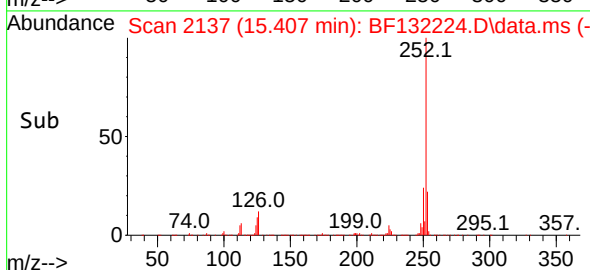
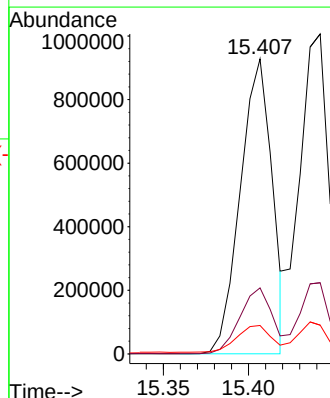
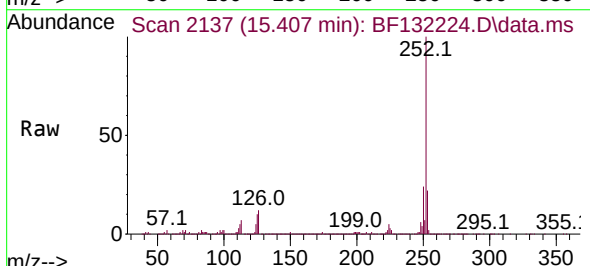
APPROVED

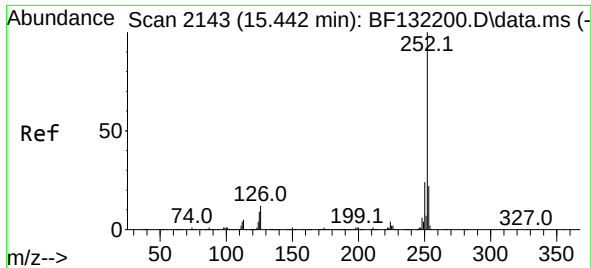
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#88
 Benzo(b)fluoranthene
 Concen: 47.613 ng
 RT: 15.407 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: BF132224.D
 Acq: 30 Jan 2023 22:26

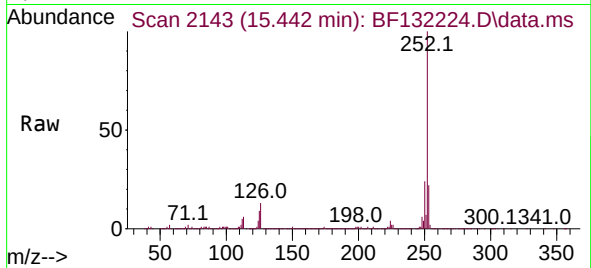
Tgt Ion:252 Resp: 1207711
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 9.6 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 45.990 ng
RT: 15.442 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

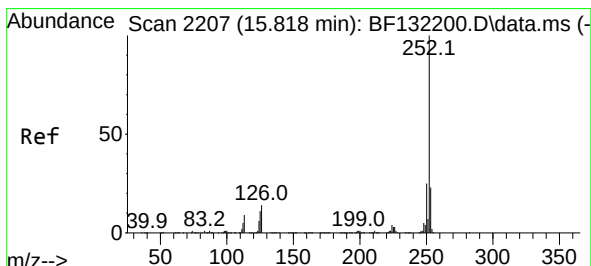
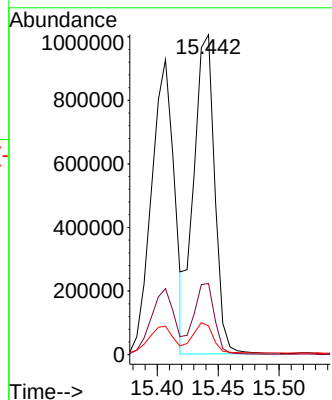
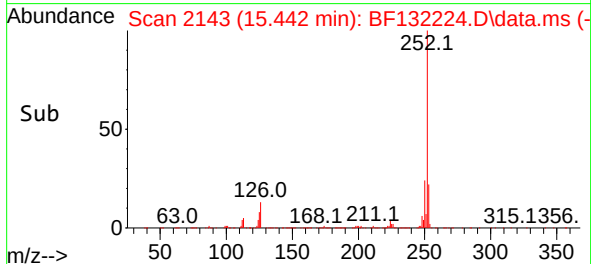
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion:252 Resp: 1203690
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.0 7.7 11.5

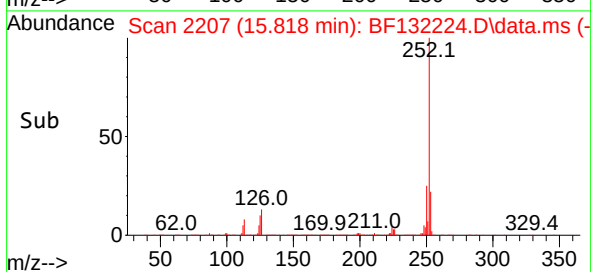
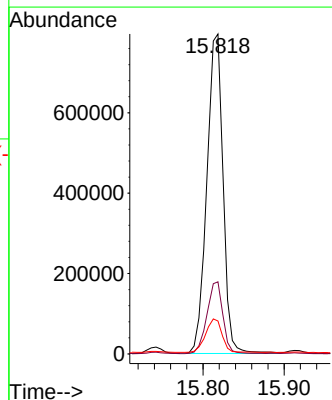
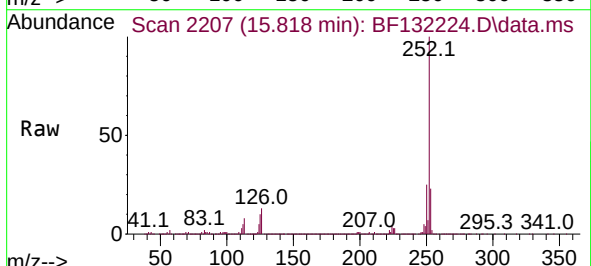
Manual Integrations
APPROVED

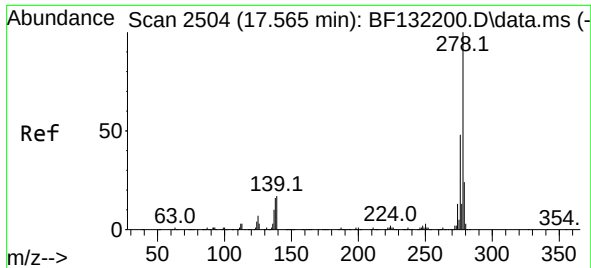
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#90
Benzo(a)pyrene
Concen: 46.374 ng
RT: 15.818 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

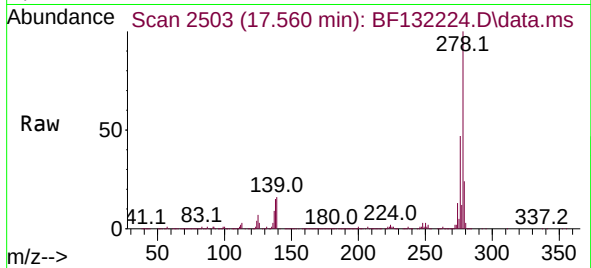
Tgt Ion:252 Resp: 1110117
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 10.3 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 46.690 ng
RT: 17.560 min Scan# 2504
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

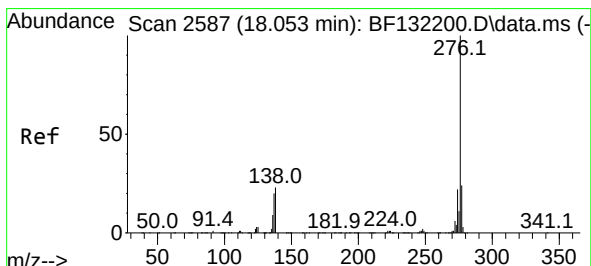
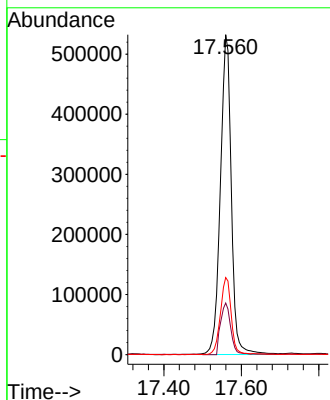
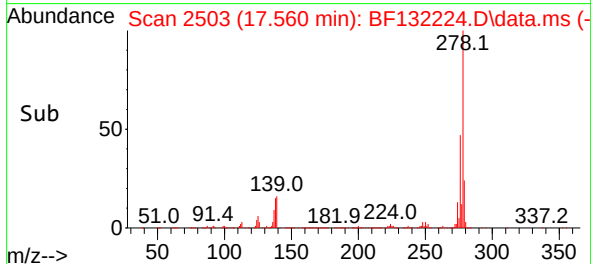
Instrument :
BNA_F
ClientSampleId :
72-11985MS



Tgt Ion: 278 Resp: 1042362
Ion Ratio Lower Upper
278 100
139 16.1 13.2 19.8
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/31/2023
Supervised By : Jagrut Upadhyay 01/31/2023



#92
Benzo(g,h,i)perylene
Concen: 43.559 ng
RT: 18.048 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BF132224.D
Acq: 30 Jan 2023 22:26

Tgt Ion: 276 Resp: 991499
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 21.6 18.3 27.5

