

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132327.D
 Acq On : 03 Feb 2023 18:03
 Operator : CG\JU
 Sample : 01371-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMSD

Quant Time: Feb 04 01:40:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	224717	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	880799	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	449443	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	791248	20.000	ng	0.00
76) Chrysene-d12	14.271	240	384936	20.000	ng	0.00
86) Perylene-d12	15.848	264	372654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1221037	87.341	ng	0.02
7) Phenol-d6	6.678	99	1520346	88.210	ng	0.00
23) Nitrobenzene-d5	7.625	82	931293	58.837	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	469519	101.586	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1674915	57.549	ng	0.00
79) Terphenyl-d14	13.201	244	1598114	80.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.084	88	248177	37.727	ng	96
3) Pyridine	3.813	79	612891	34.344	ng	97
4) n-Nitrosodimethylamine	3.778	42	214683	37.596	ng	95
6) Aniline	6.719	93	498470	21.313	ng	96
8) 2-Chlorophenol	6.843	128	685816	47.365	ng	96
9) Benzaldehyde	6.613	77	396190	41.696	ng	94
10) Phenol	6.696	94	761082	42.663	ng	98
11) bis(2-Chloroethyl)ether	6.790	93	639148	43.533	ng	95
12) 1,3-Dichlorobenzene	7.001	146	707291	46.186	ng	98
13) 1,4-Dichlorobenzene	7.078	146	712250	46.593	ng	99
14) 1,2-Dichlorobenzene	7.231	146	682826	47.897	ng	98
15) Benzyl Alcohol	7.195	79	539815	42.923	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.331	45	605744	39.159	ng	93
17) 2-Methylphenol	7.301	107	538794	42.510	ng	99
18) Hexachloroethane	7.578	117	270051	47.092	ng	96
19) n-Nitroso-di-n-propyla...	7.472	70	370529	37.847	ng	97
20) 3+4-Methylphenols	7.454	107	652847	40.356	ng	94
22) Acetophenone	7.472	105	832794	40.205	ng	97
24) Nitrobenzene	7.648	77	636077	39.336	ng	92
25) Isophorone	7.884	82	1245693	41.465	ng	96
26) 2-Nitrophenol	7.960	139	380066	48.253	ng	93
27) 2,4-Dimethylphenol	7.990	122	621019	45.045	ng	98
28) bis(2-Chloroethoxy)met...	8.090	93	774233	41.937	ng	99
29) 2,4-Dichlorophenol	8.201	162	561053	45.837	ng	97
30) 1,2,4-Trichlorobenzene	8.284	180	596821	45.533	ng	97
31) Naphthalene	8.372	128	1789983	41.286	ng	99
32) Benzoic acid	8.107	122	347170	34.020	ng	95
33) 4-Chloroaniline	8.413	127	76973	4.004	ng	97
34) Hexachlorobutadiene	8.484	225	352209	47.799	ng	99
35) Caprolactam	8.801	113	141522	33.915	ng	92
36) 4-Chloro-3-methylphenol	8.889	107	593011	44.971	ng	97
37) 2-Methylnaphthalene	9.066	142	1217036	41.442	ng	100
38) 1-Methylnaphthalene	9.166	142	1129283	41.379	ng	99
40) 1,2,4,5-Tetrachloroben...	9.231	216	566724	44.808	ng	99
41) Hexachlorocyclopentadiene	9.213	237	716714	97.127	ng	99
43) 2,4,6-Trichlorophenol	9.337	196	415586	45.967	ng	99

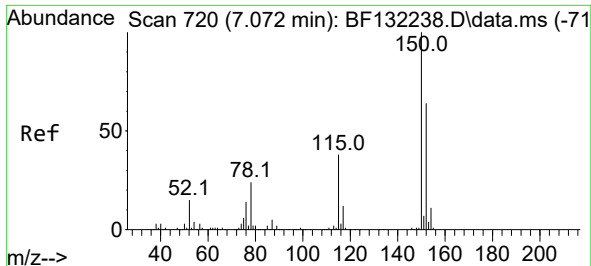
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	437487	42.041	ng	99
46) 1,1'-Biphenyl	9.531	154	1460354	42.146	ng	97
47) 2-Chloronaphthalene	9.560	162	1134150	42.975	ng	99
48) 2-Nitroaniline	9.648	65	293789	37.431	ng	85
49) Acenaphthylene	9.978	152	1777391	41.266	ng	99
50) Dimethylphthalate	9.831	163	1369128	43.549	ng	99
51) 2,6-Dinitrotoluene	9.889	165	319943	45.567	ng	93
52) Acenaphthene	10.148	154	1259371	46.703	ng	99
53) 3-Nitroaniline	10.060	138	146140	17.163	ng	95
54) 2,4-Dinitrophenol	10.166	184	358586	87.664	ng	96
55) Dibenzofuran	10.325	168	1552984	40.990	ng	99
56) 4-Nitrophenol	10.219	139	511305	79.797	ng	95
57) 2,4-Dinitrotoluene	10.301	165	415235	45.526	ng	89
58) Fluorene	10.666	166	1201398	41.203	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.436	232	347519	45.809	ng	99
60) Diethylphthalate	10.531	149	1378255	44.068	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	593374	42.880	ng	97
62) 4-Nitroaniline	10.689	138	310749	38.057	ng	97
63) Azobenzene	10.813	77	1375230	45.142	ng	96
65) 4,6-Dinitro-2-methylph...	10.707	198	228397	50.859	ng	98
66) n-Nitrosodiphenylamine	10.772	169	1058287	42.713	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	381338	47.065	ng	98
68) Hexachlorobenzene	11.219	284	434989	50.229	ng	# 90
69) Atrazine	11.301	200	372365	52.250	ng	99
70) Pentachlorophenol	11.407	266	465708	78.267	ng	100
71) Phenanthrene	11.636	178	1750443	42.335	ng	100
72) Anthracene	11.689	178	1754389	41.693	ng	99
73) Carbazole	11.842	167	1530234	40.558	ng	99
74) Di-n-butylphthalate	12.160	149	2063666	46.265	ng	99
75) Fluoranthene	12.836	202	1693472	40.136	ng	98
77) Benzidine	12.948	184	508120	37.757	ng	98
78) Pyrene	13.066	202	1688940	54.551	ng	98
80) Butylbenzylphthalate	13.672	149	784885	57.380	ng	98
81) Benzo(a)anthracene	14.260	228	1227033	45.576	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	140720	16.410	ng	# 98
83) Chrysene	14.301	228	1111416	44.086	ng	100
84) Bis(2-ethylhexyl)phtha...	14.230	149	1089898	58.948	ng	99
85) Di-n-octyl phthalate	14.866	149	1485357	49.254	ng	97
87) Indeno(1,2,3-cd)pyrene	17.495	276	1254322	50.656	ng	97
88) Benzo(b)fluoranthene	15.377	252	1111704	46.932	ng	98
89) Benzo(k)fluoranthene	15.413	252	960176	42.466	ng	99
90) Benzo(a)pyrene	15.783	252	926152	41.988	ng	99
91) Dibenzo(a,h)anthracene	17.518	278	1018749	51.173	ng	98
92) Benzo(g,h,i)perylene	18.001	276	1021336	49.659	ng	96

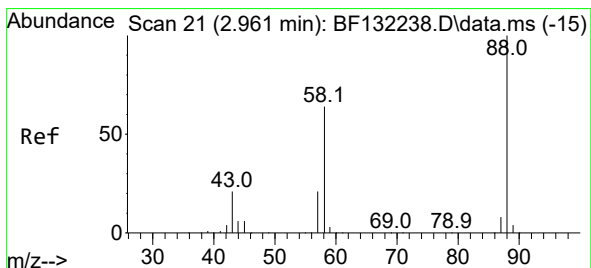
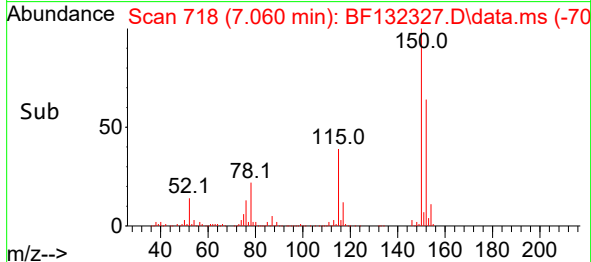
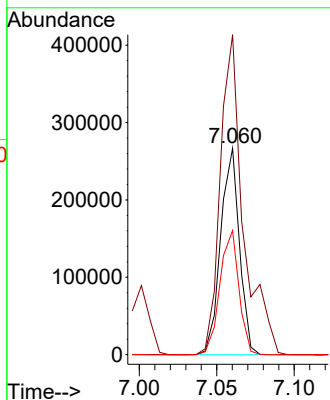
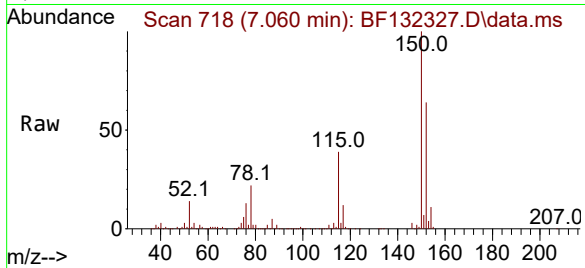
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.060 min Scan# 71
 Delta R.T. 0.000 min
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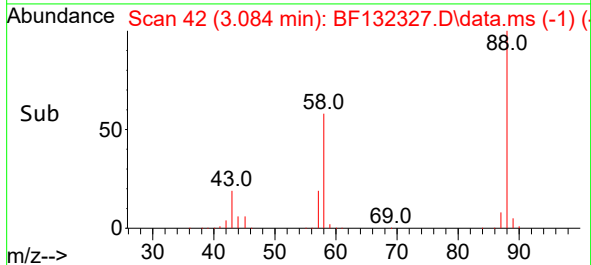
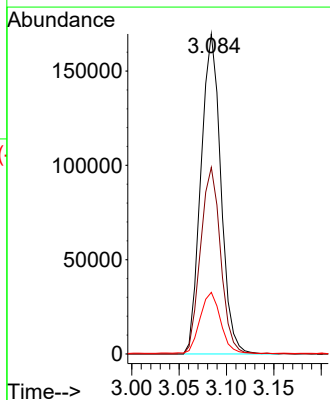
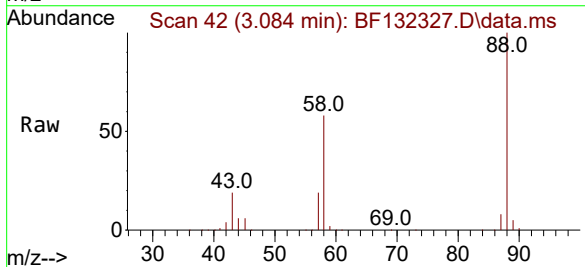
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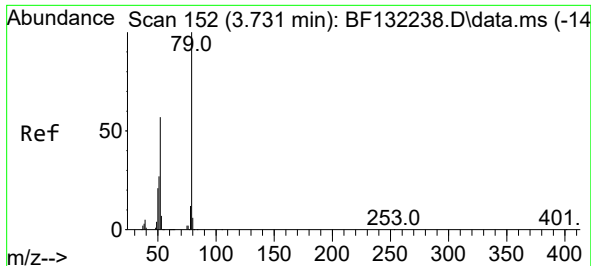
Tgt Ion:152 Resp: 224717
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.2 186.2
 115 60.2 47.3 70.9



#2
 1,4-Dioxane
 Concen: 37.727 ng
 RT: 3.084 min Scan# 42
 Delta R.T. 0.094 min
 Lab File: BF132327.D
 Acq: 03 Feb 2023 18:03

Tgt Ion: 88 Resp: 248177
 Ion Ratio Lower Upper
 88 100
 58 58.9 50.2 75.2
 43 19.8 16.9 25.3

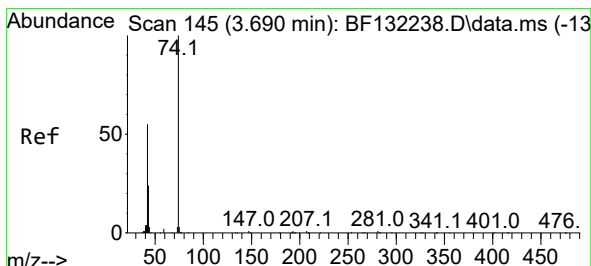
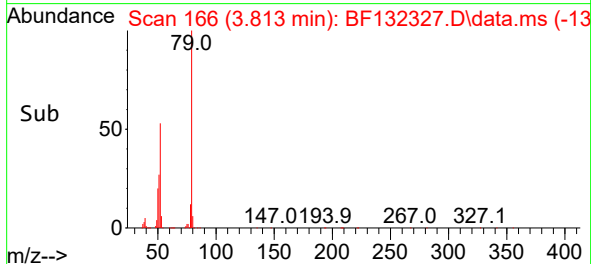
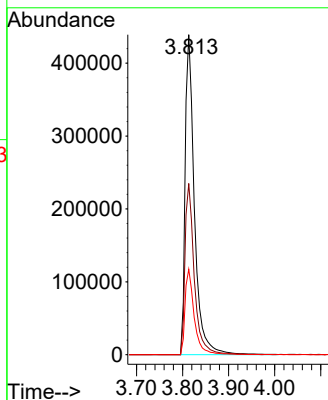
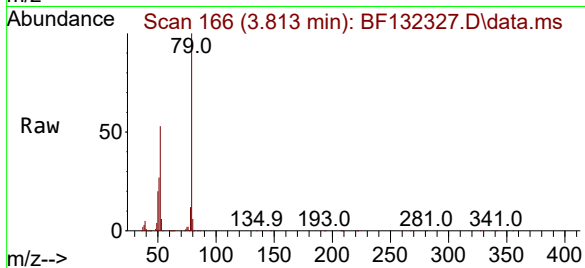




#3
Pyridine
Concen: 34.344 ng
RT: 3.813 min Scan# 1
Delta R.T. 0.065 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

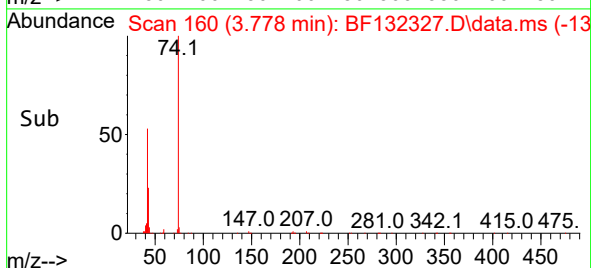
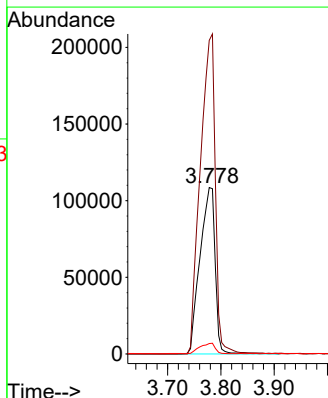
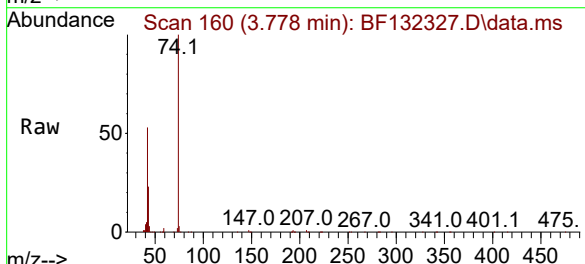
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ClientSampleId :
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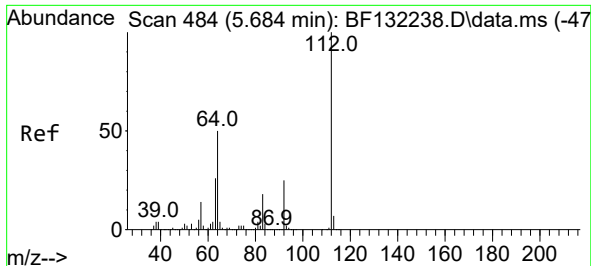
Tgt Ion: 79 Resp: 612891
Ion Ratio Lower Upper
79 100
52 53.5 45.6 68.4
51 26.7 21.5 32.3



#4
n-Nitrosodimethylamine
Concen: 37.596 ng
RT: 3.778 min Scan# 160
Delta R.T. 0.059 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 42 Resp: 214683
Ion Ratio Lower Upper
42 100
74 188.4 144.6 217.0
44 6.3 5.1 7.7

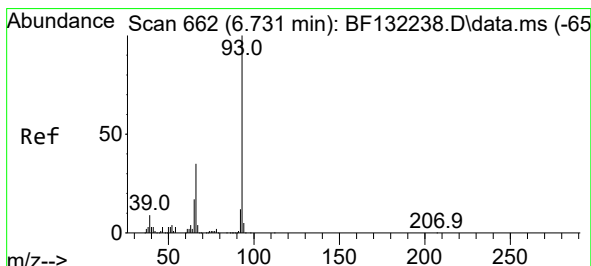
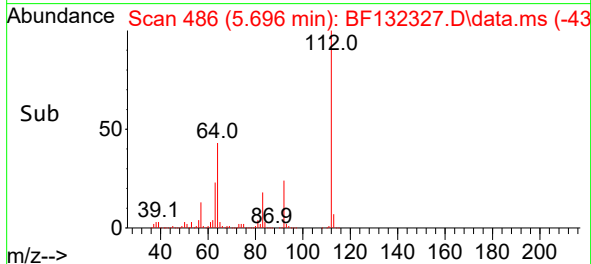
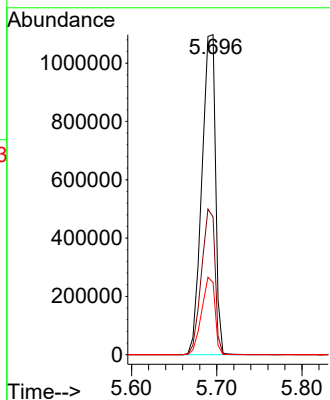
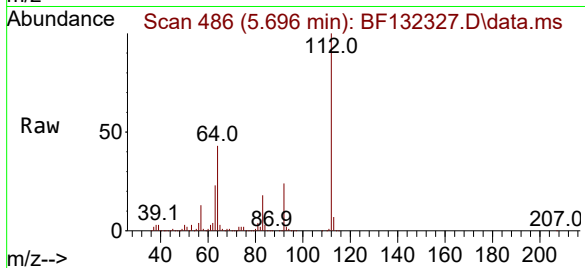




#5
2-Fluorophenol
Concen: 87.341 ng
RT: 5.696 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

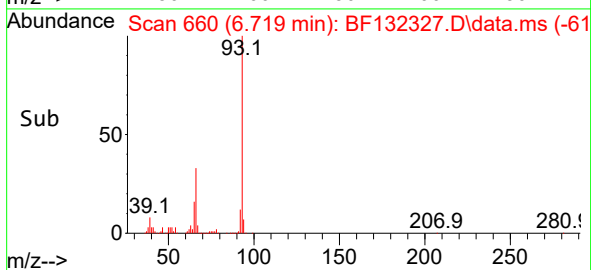
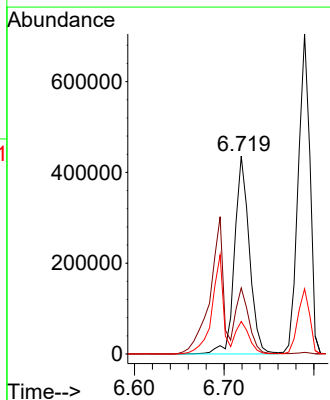
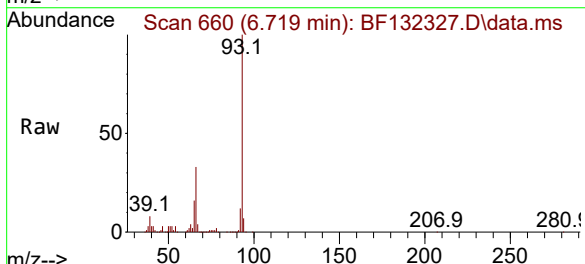
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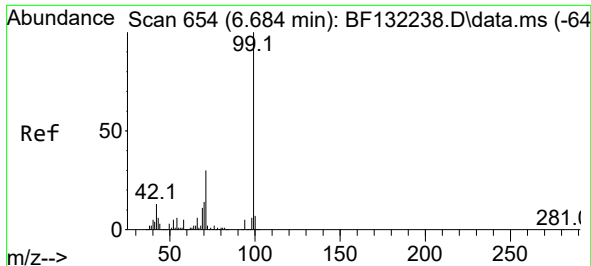
Tgt Ion:112 Resp: 1221037
Ion Ratio Lower Upper
112 100
64 43.0 40.0 60.0
63 22.5 20.5 30.7



#6
Aniline
Concen: 21.313 ng
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 93 Resp: 498470
Ion Ratio Lower Upper
93 100
66 33.4 28.8 43.2
65 16.5 14.2 21.4

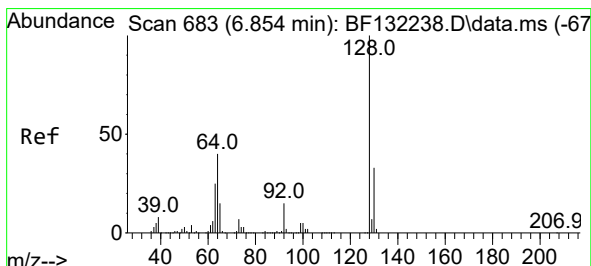
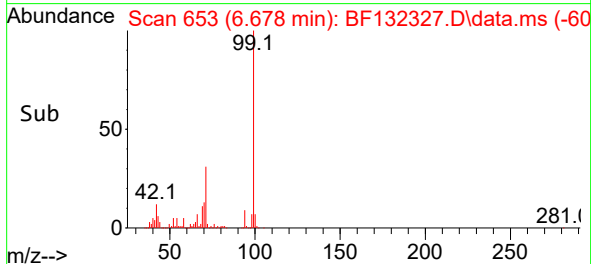
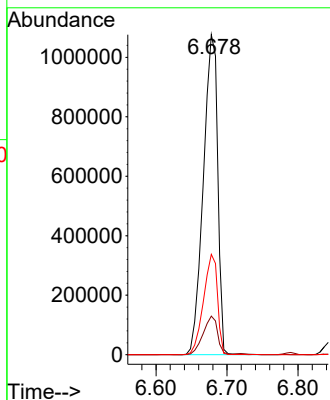
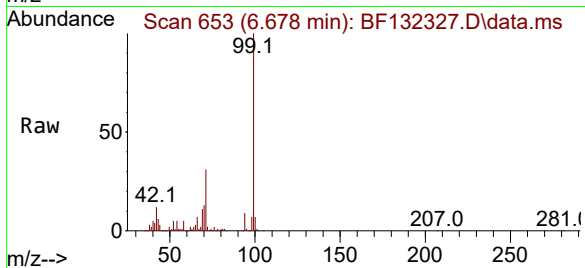




#7
Phenol-d6
Concen: 88.210 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

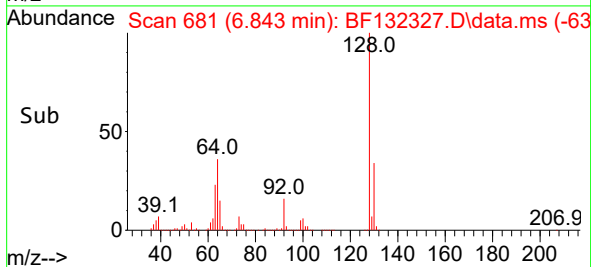
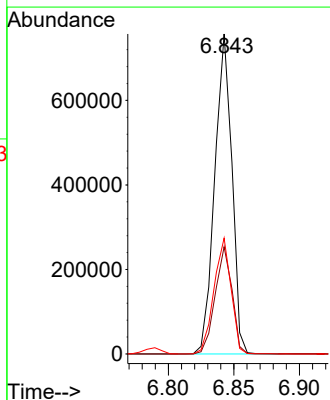
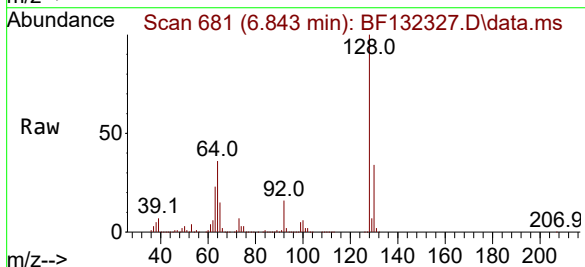
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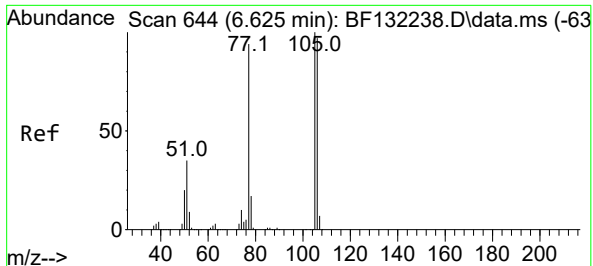
Tgt Ion: 99 Resp: 1520346
Ion Ratio Lower Upper
99 100
42 12.0 10.1 15.1
71 31.4 24.2 36.4



#8
2-Chlorophenol
Concen: 47.365 ng
RT: 6.843 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 128 Resp: 685816
Ion Ratio Lower Upper
128 100
130 33.5 13.3 53.3
64 36.2 20.1 60.1

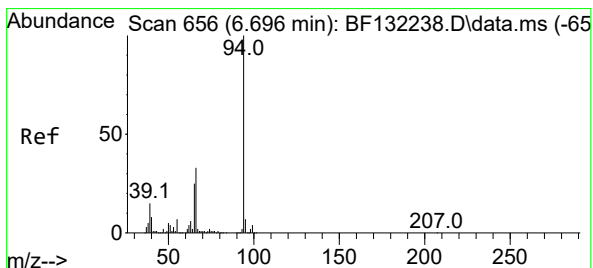
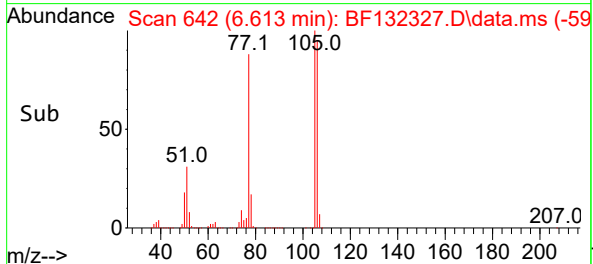
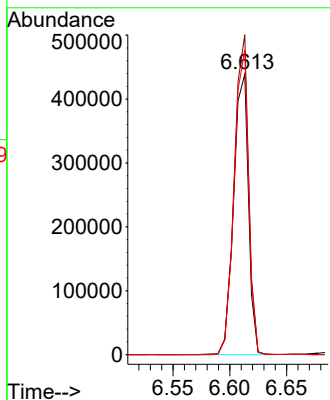
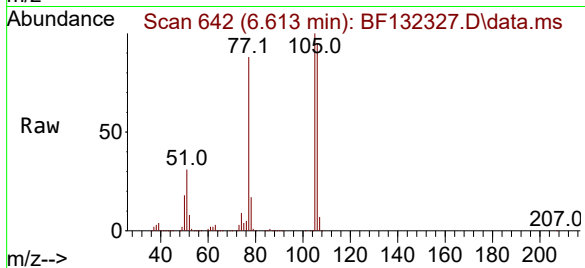




#9
Benzaldehyde
Concen: 41.696 ng
RT: 6.613 min Scan# 644
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

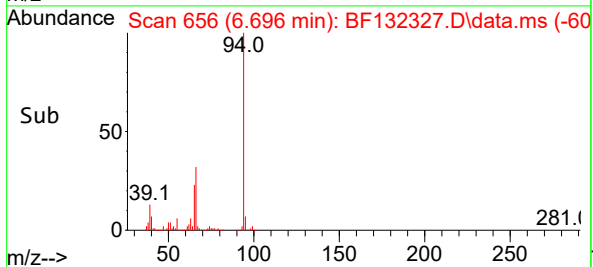
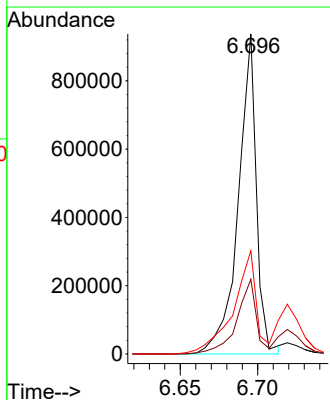
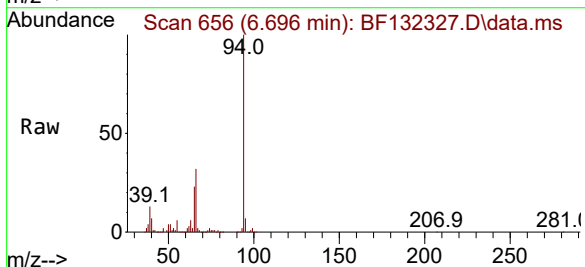
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BNA_F
ClientSampleId :
4-RAMP-EMSD

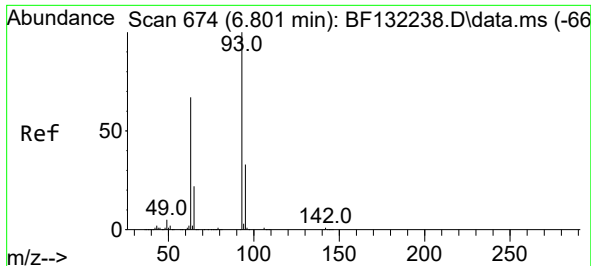
Tgt Ion: 77 Resp: 396190
Ion Ratio Lower Upper
77 100
105 114.1 86.8 126.8
106 108.7 83.8 123.8



#10
Phenol
Concen: 42.663 ng
RT: 6.696 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 94 Resp: 761082
Ion Ratio Lower Upper
94 100
65 23.3 5.1 45.1
66 32.3 13.0 53.0

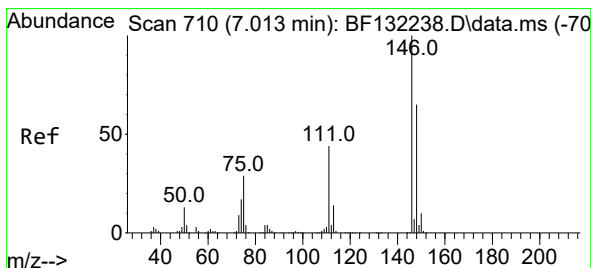
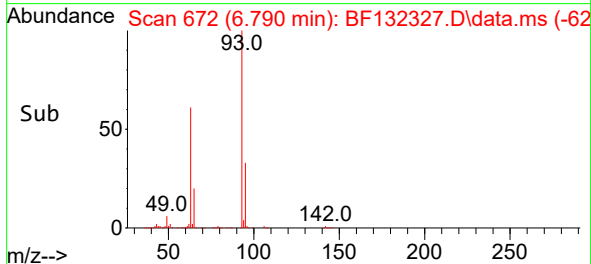
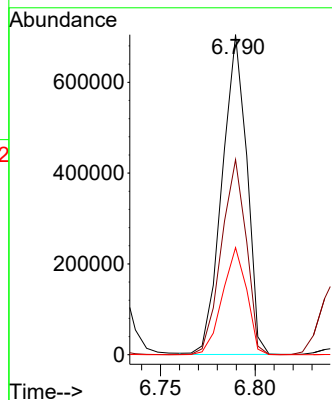
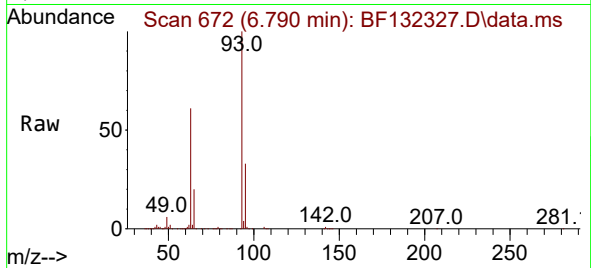




#11
bis(2-Chloroethyl)ether
Concen: 43.533 ng
RT: 6.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

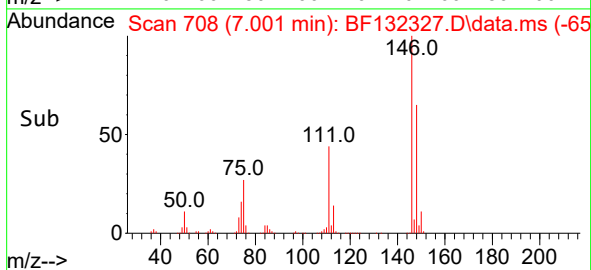
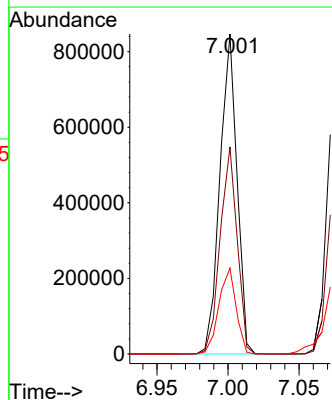
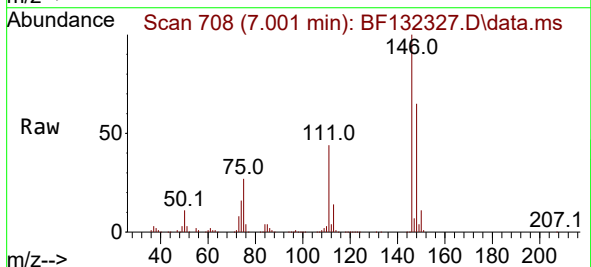
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

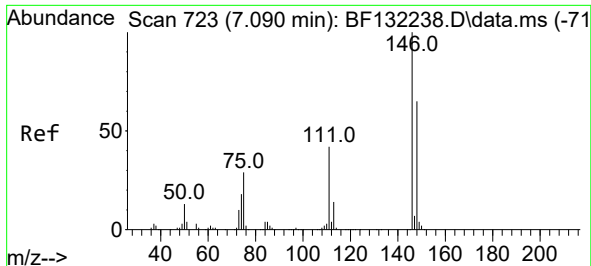
Tgt Ion: 93 Resp: 639148
Ion Ratio Lower Upper
93 100
63 60.9 46.7 86.7
95 33.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 46.186 ng
RT: 7.001 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:146 Resp: 707291
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 26.8 23.5 35.3

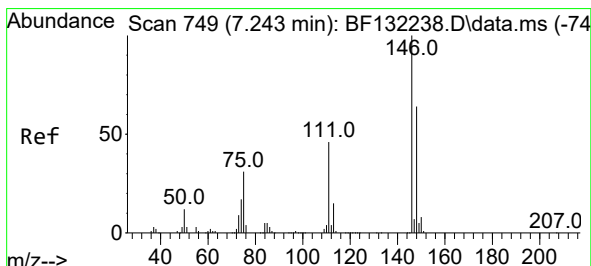
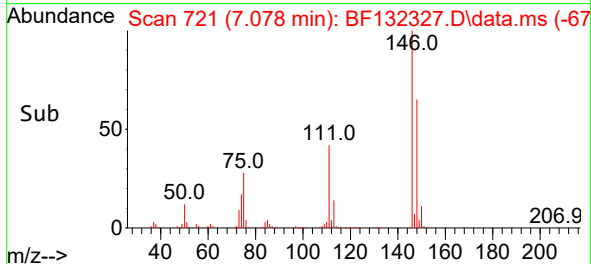
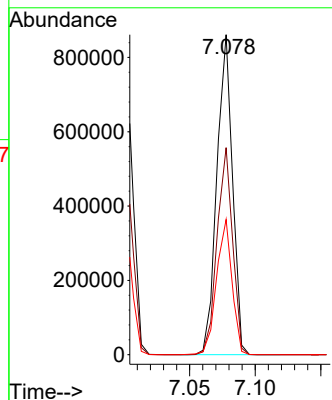
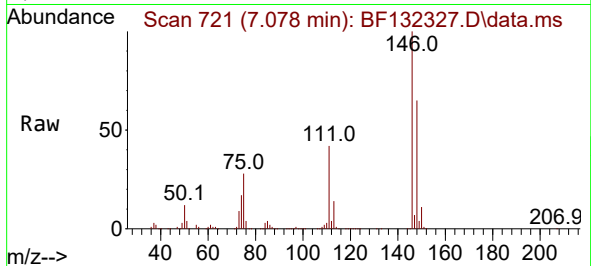




#13
1,4-Dichlorobenzene
Concen: 46.593 ng
RT: 7.078 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

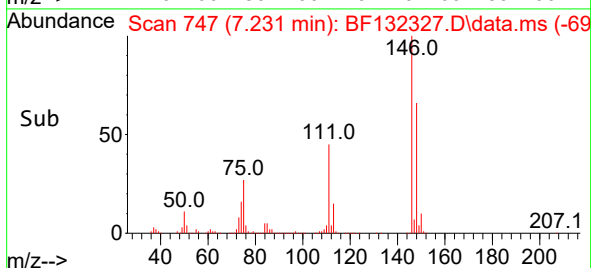
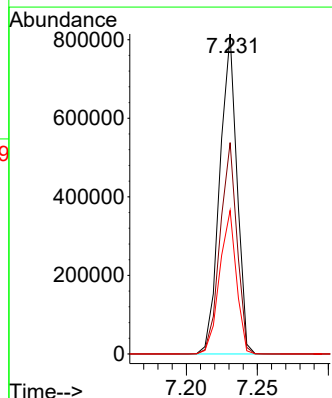
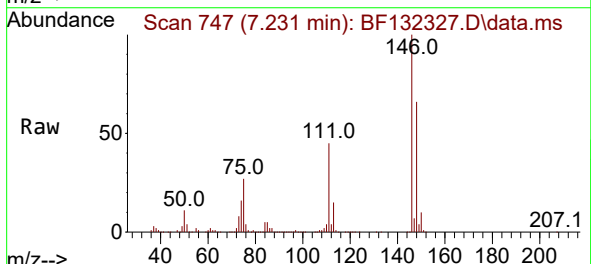
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

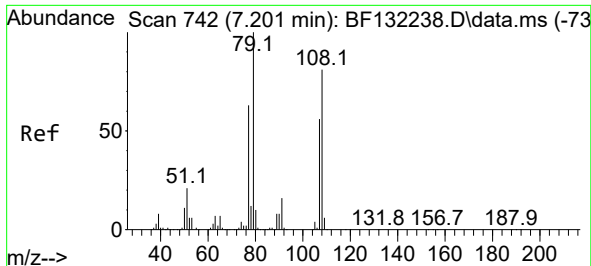
Tgt Ion:146 Resp: 712250
Ion Ratio Lower Upper
146 100
148 64.7 52.4 78.6
111 42.3 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 47.897 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:146 Resp: 682826
Ion Ratio Lower Upper
146 100
148 66.1 51.4 77.0
111 44.9 37.1 55.7





#15

Benzyl Alcohol

Concen: 42.923 ng

RT: 7.195 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

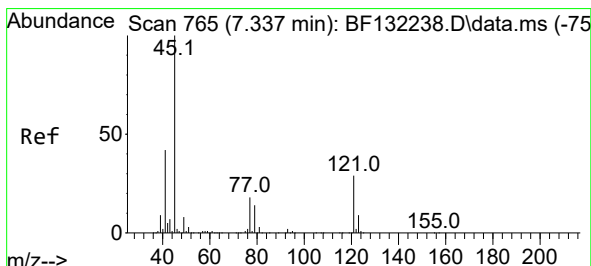
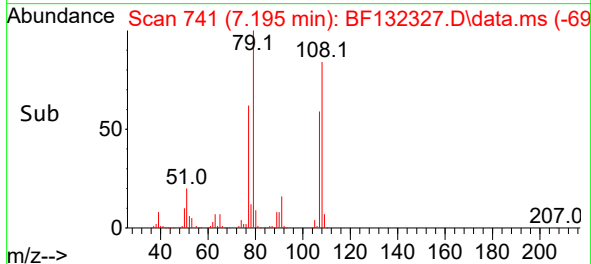
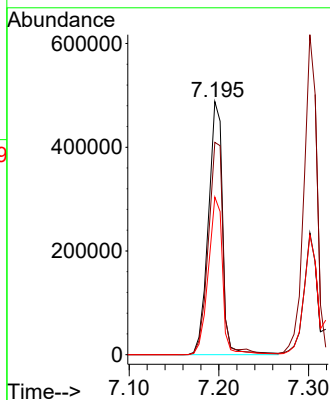
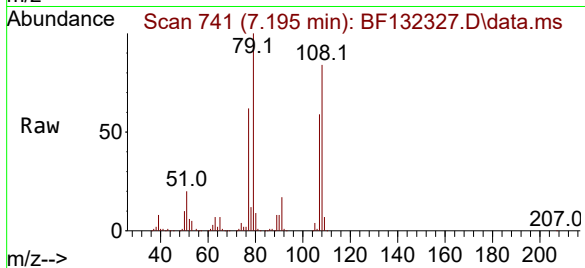
Tgt Ion: 79 Resp: 539815

Ion Ratio Lower Upper

79 100

108 83.8 64.6 97.0

77 62.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.159 ng

RT: 7.331 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

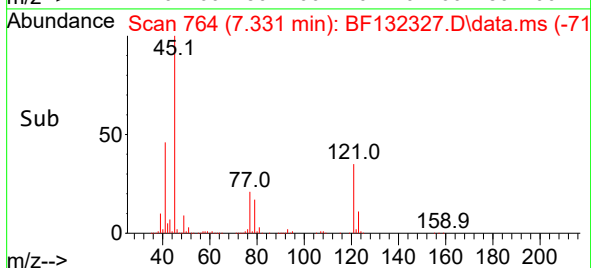
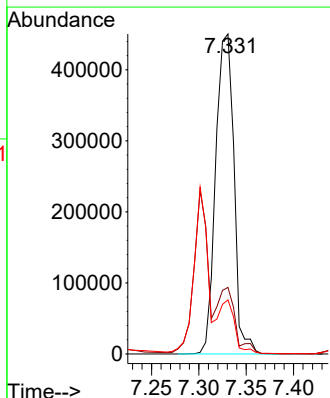
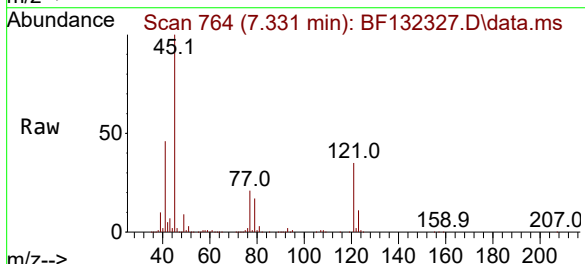
Tgt Ion: 45 Resp: 605744

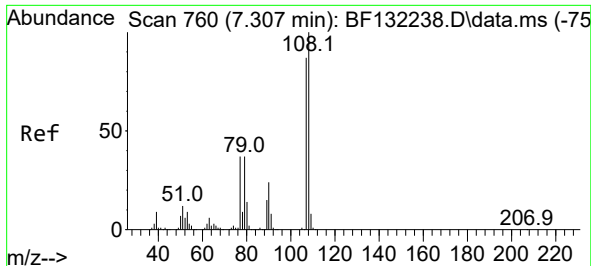
Ion Ratio Lower Upper

45 100

77 20.8 0.0 38.0

79 16.9 0.0 33.8

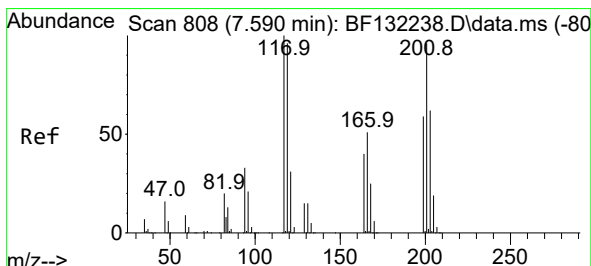
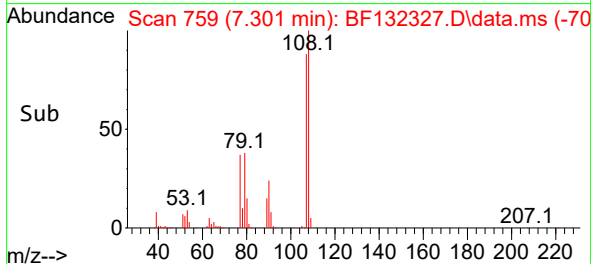
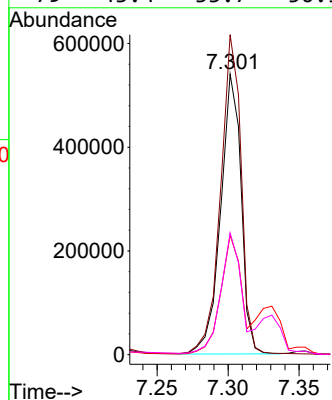
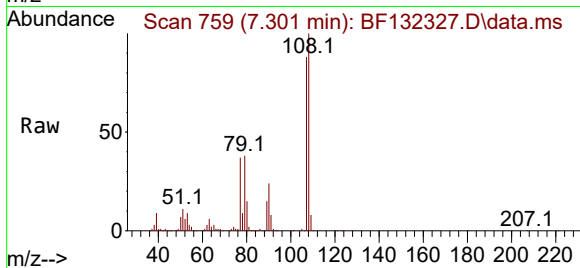




#17
2-Methylphenol
Concen: 42.510 ng
RT: 7.301 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

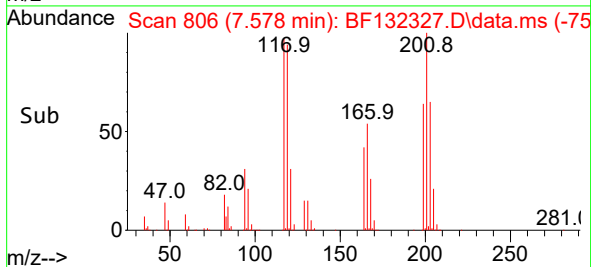
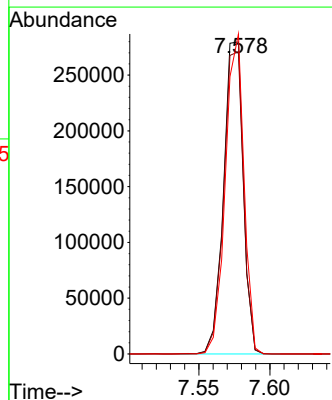
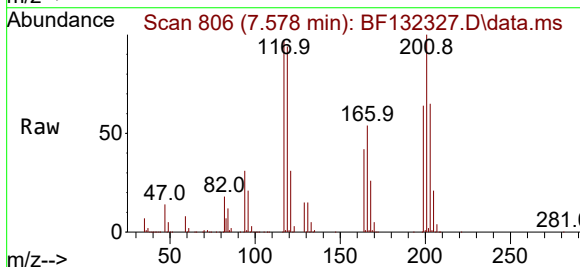
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

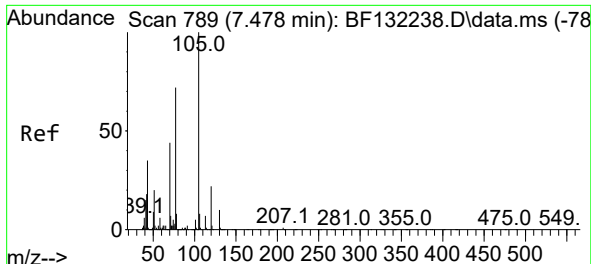
Tgt Ion:107 Resp: 538794
Ion Ratio Lower Upper
107 100
108 114.0 91.8 137.6
77 42.6 34.2 51.2
79 43.4 33.7 50.5



#18
Hexachloroethane
Concen: 47.092 ng
RT: 7.578 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:117 Resp: 270051
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1
201 102.6 76.6 114.8

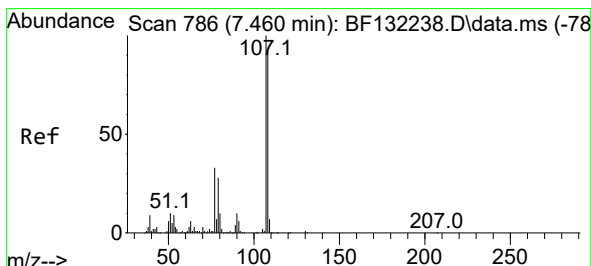
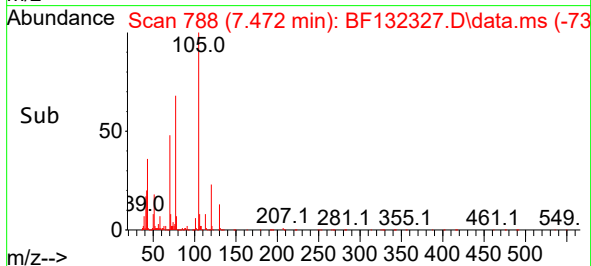
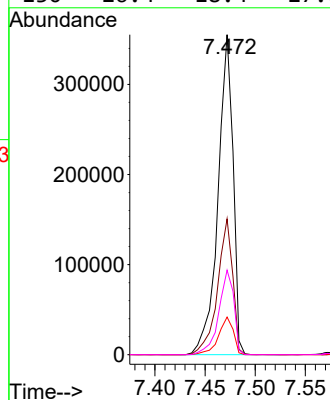
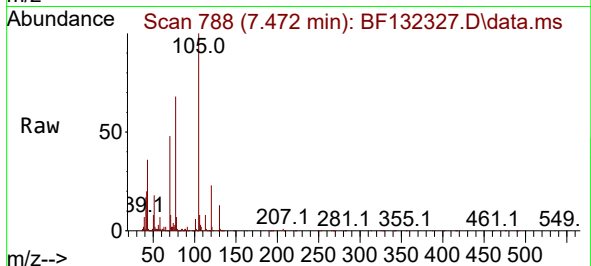




#19
n-Nitroso-di-n-propylamine
Concen: 37.847 ng
RT: 7.472 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

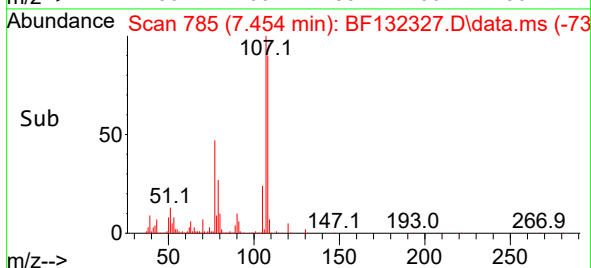
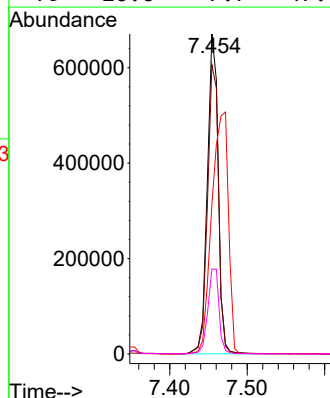
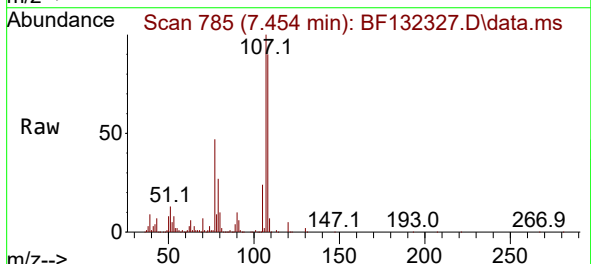
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

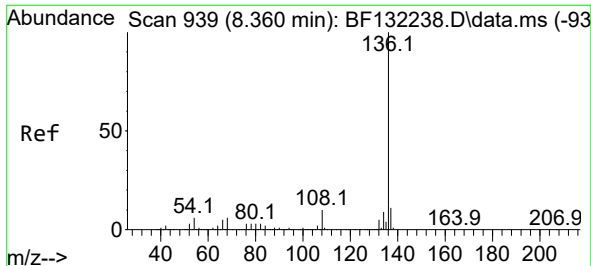
Tgt Ion: 70 Resp: 370529
Ion Ratio Lower Upper
70 100
42 42.5 33.4 50.0
101 11.7 8.2 12.4
130 26.4 18.4 27.6



#20
3+4-Methylphenols
Concen: 40.356 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 107 Resp: 652847
Ion Ratio Lower Upper
107 100
108 90.4 71.6 111.6
77 46.7 13.4 53.4
79 26.6 7.7 47.7



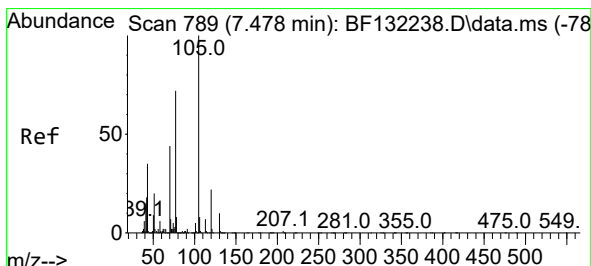
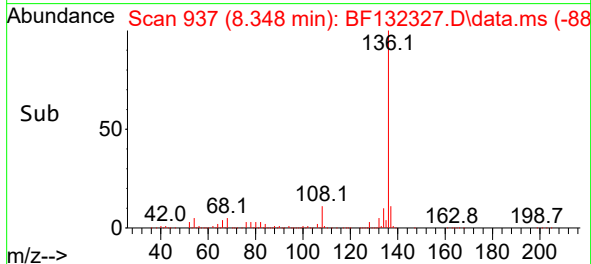
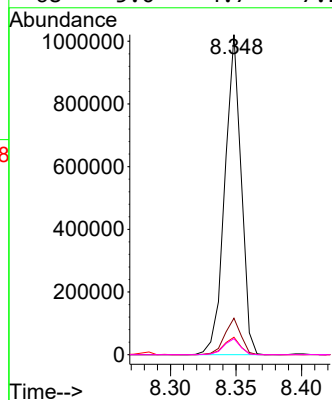
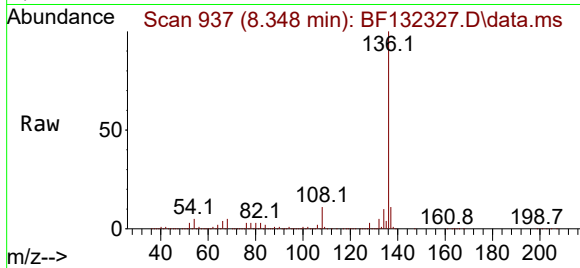


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

Tgt Ion:136 Resp: 880799

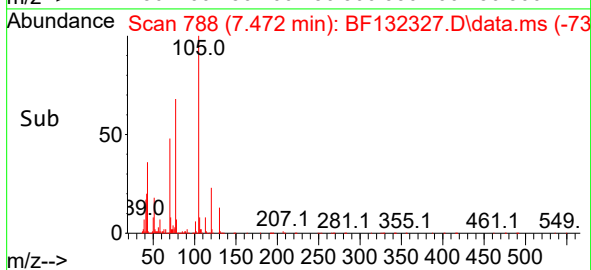
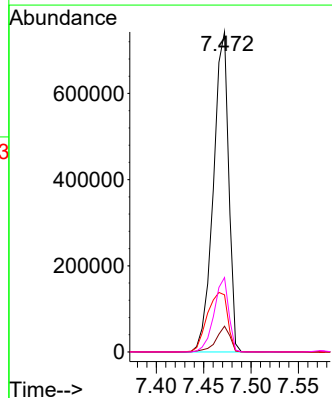
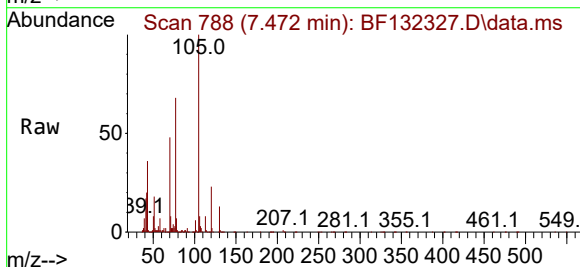
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	5.5	4.9	7.3
68	5.0	4.7	7.1

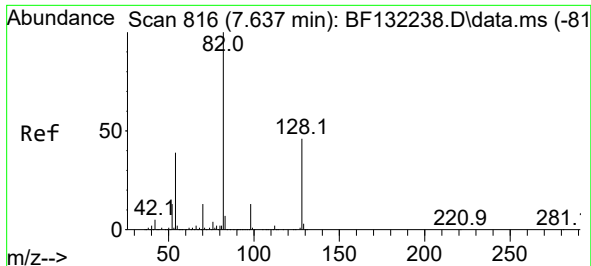


#22
Acetophenone
Concen: 40.205 ng
RT: 7.472 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:105 Resp: 832794

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.8	8.6
51	17.9	16.2	24.2
120	23.3	18.0	27.0

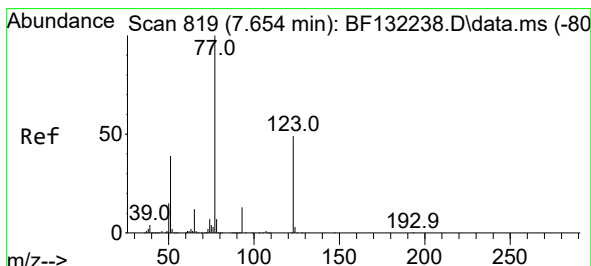
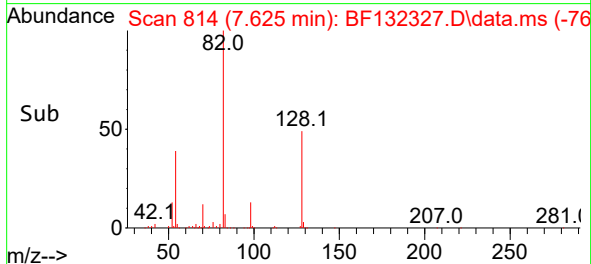
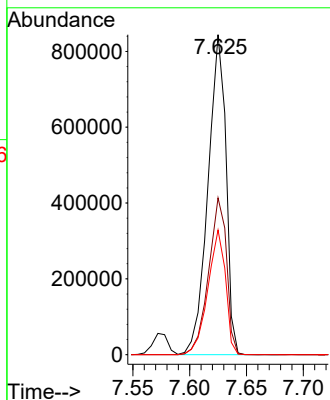
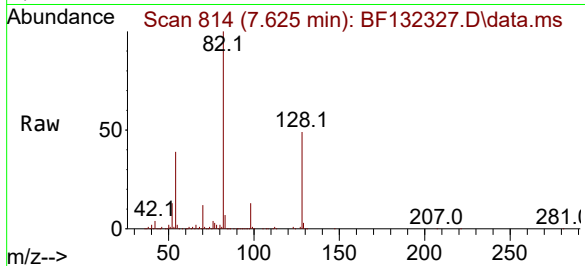




#23
Nitrobenzene-d5
Concen: 58.837 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

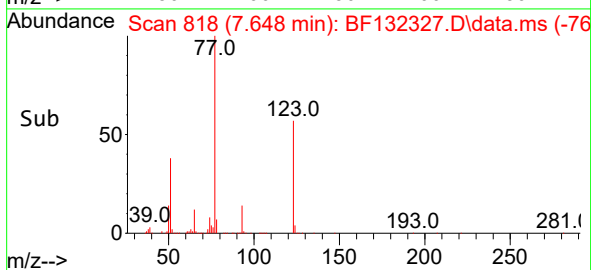
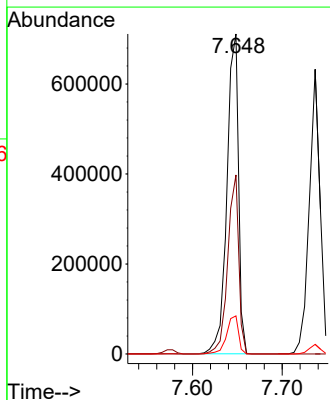
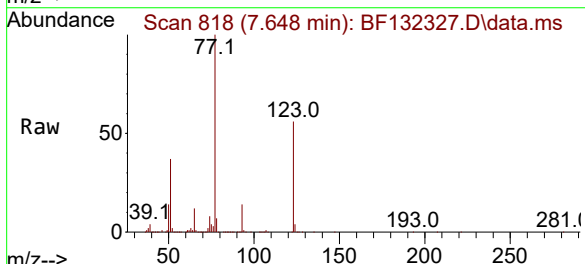
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

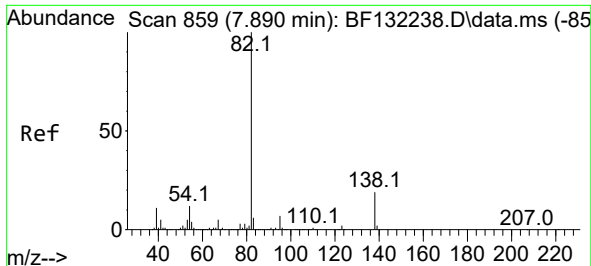
Tgt Ion: 82 Resp: 931293
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 39.0 31.5 47.3



#24
Nitrobenzene
Concen: 39.336 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 77 Resp: 636077
Ion Ratio Lower Upper
77 100
123 56.0 39.5 59.3
65 11.9 9.8 14.8

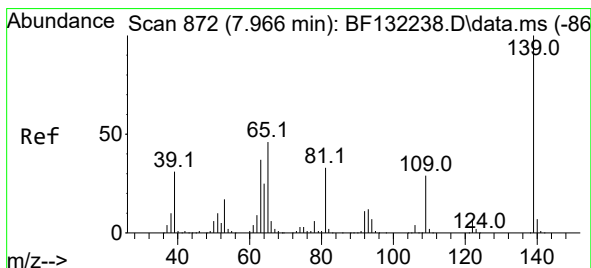
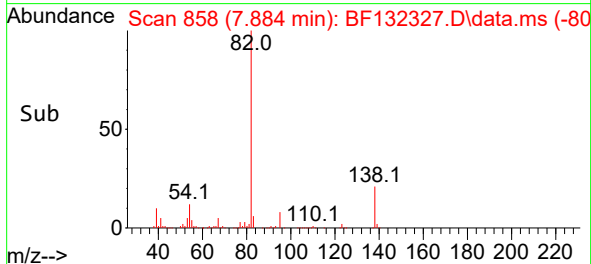
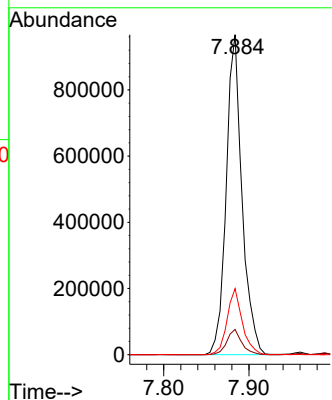
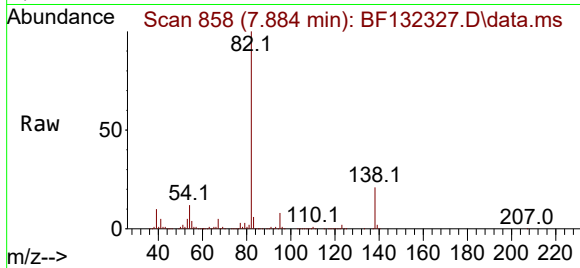




#25
Isophorone
Concen: 41.465 ng
RT: 7.884 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

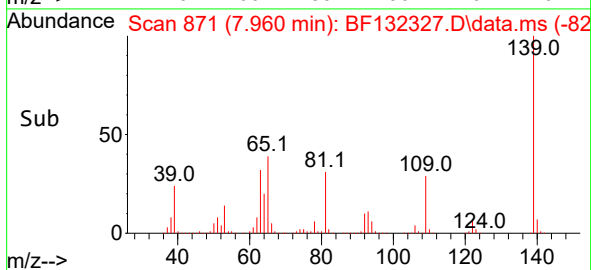
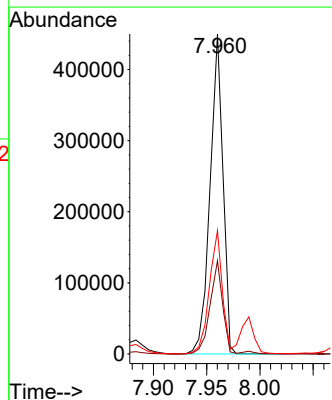
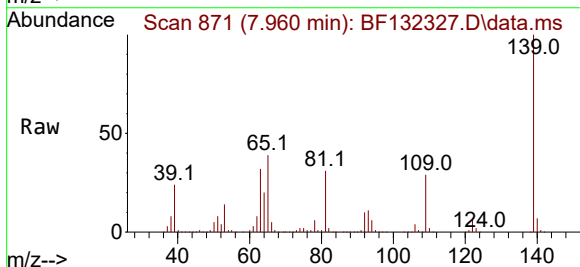
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

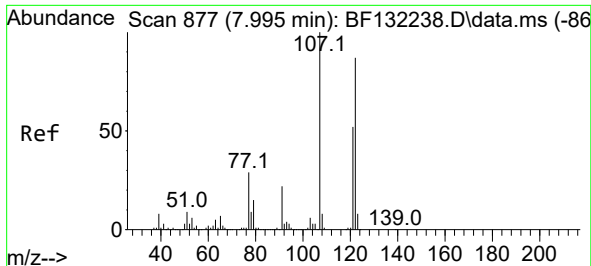
Tgt Ion: 82 Resp: 1245693
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 20.7 15.0 22.6



#26
2-Nitrophenol
Concen: 48.253 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 139 Resp: 380066
Ion Ratio Lower Upper
139 100
109 29.2 23.0 34.6
65 38.5 36.6 55.0

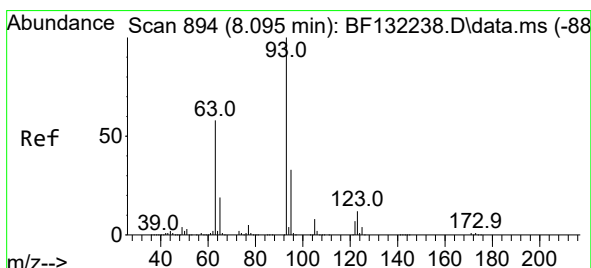
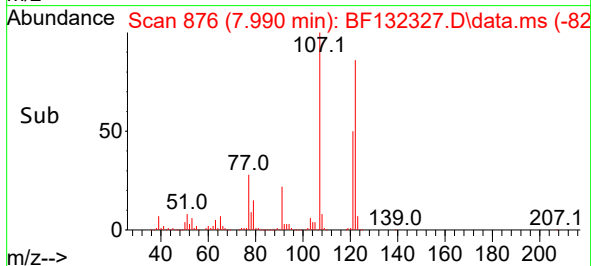
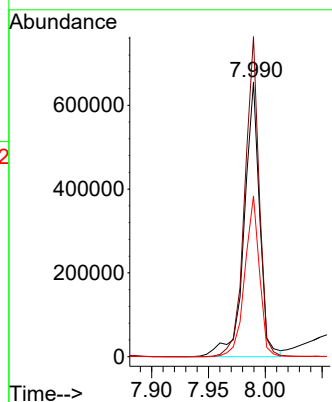
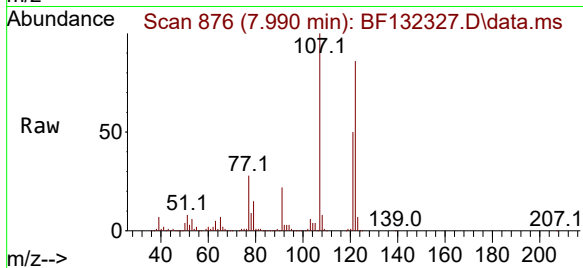




#27
2,4-Dimethylphenol
Concen: 45.045 ng
RT: 7.990 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

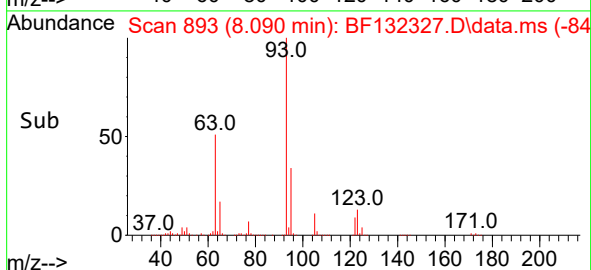
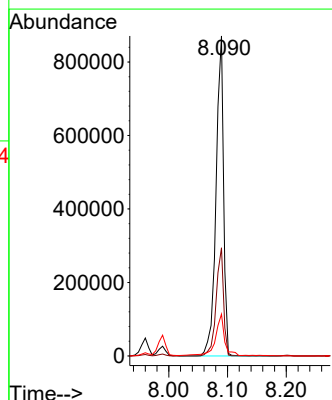
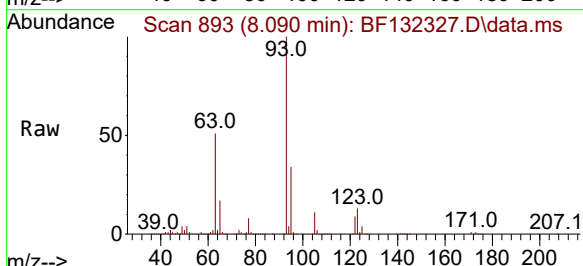
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

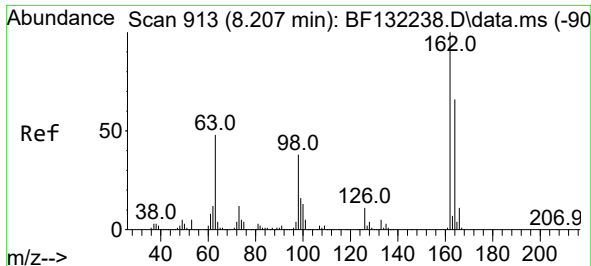
Tgt Ion:122 Resp: 621019
Ion Ratio Lower Upper
122 100
107 116.5 91.9 137.9
121 58.5 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.937 ng
RT: 8.090 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 93 Resp: 774233
Ion Ratio Lower Upper
93 100
95 33.8 26.6 40.0
123 13.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.837 ng

RT: 8.201 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

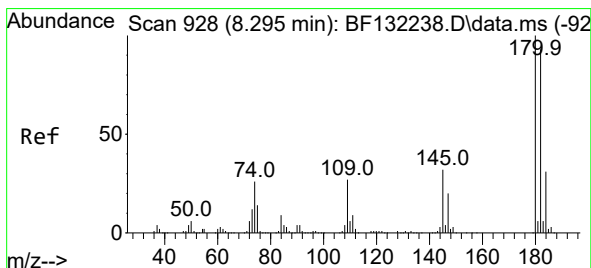
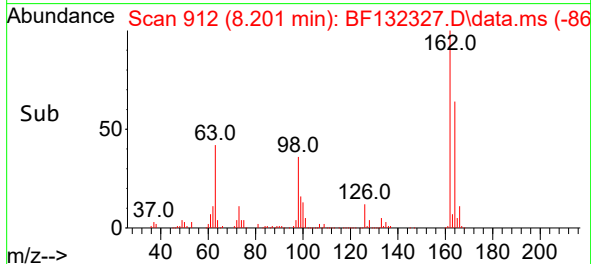
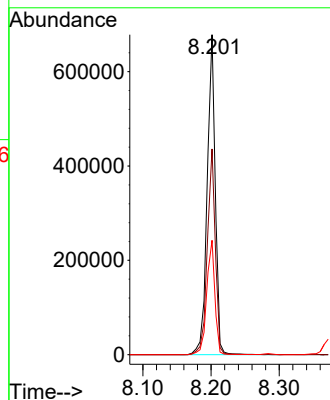
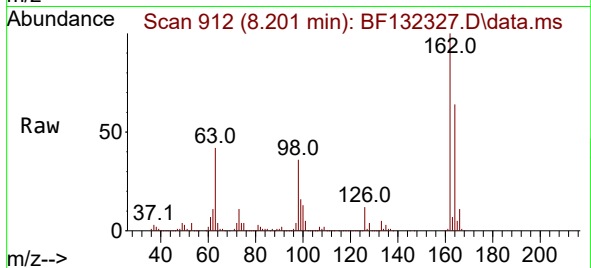
Tgt Ion:162 Resp: 561053

Ion Ratio Lower Upper

162 100

164 64.3 46.4 86.4

98 35.8 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 45.533 ng

RT: 8.284 min Scan# 926

Delta R.T. -0.006 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

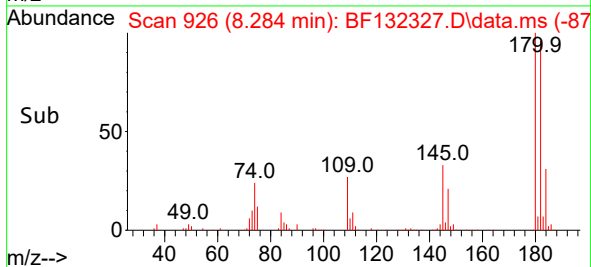
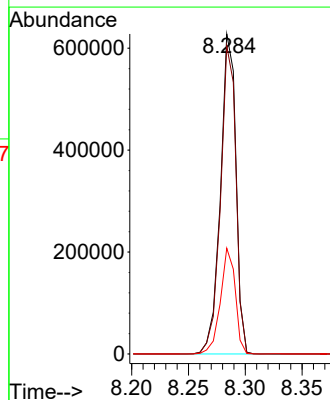
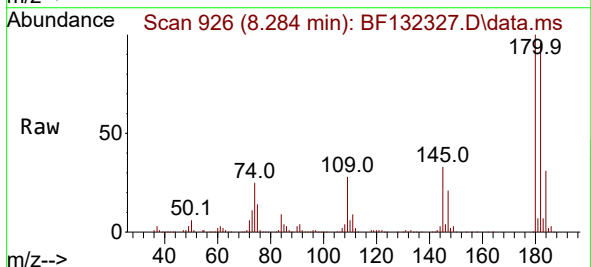
Tgt Ion:180 Resp: 596821

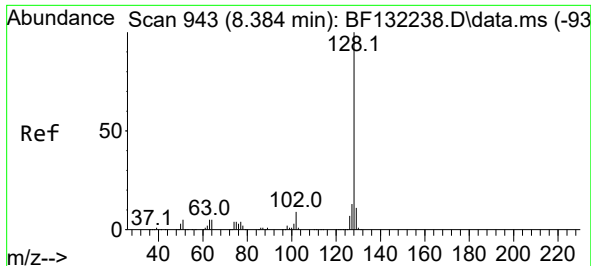
Ion Ratio Lower Upper

180 100

182 96.3 74.6 112.0

145 33.1 25.3 37.9

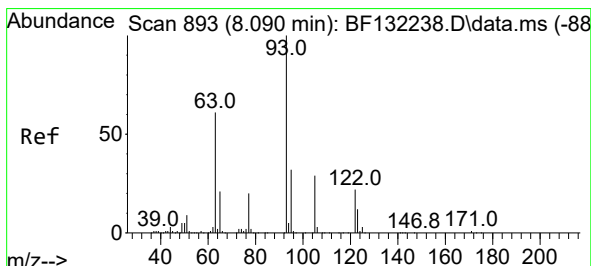
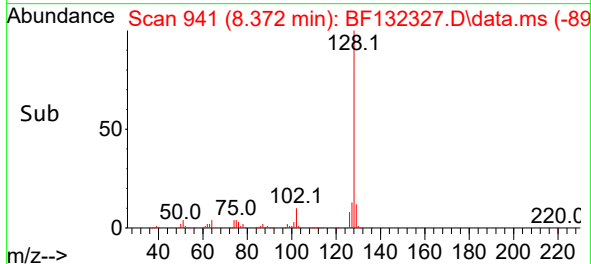
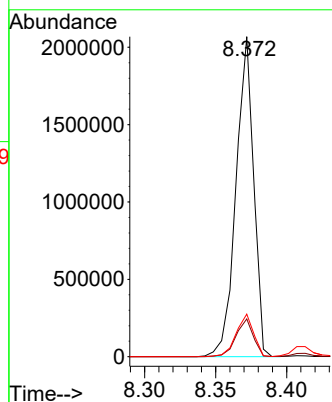
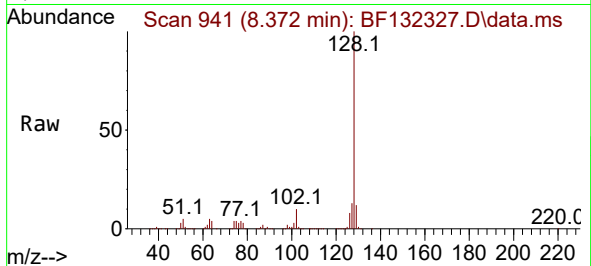




#31
Naphthalene
Concen: 41.286 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

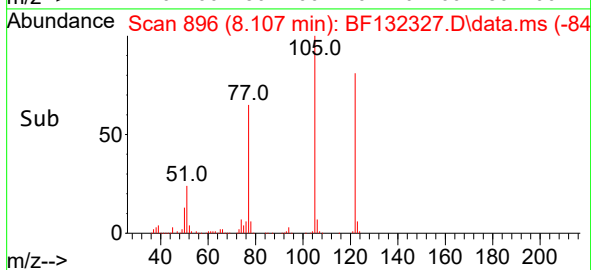
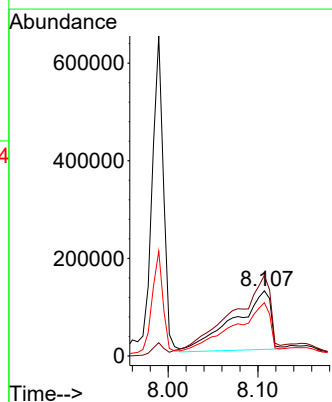
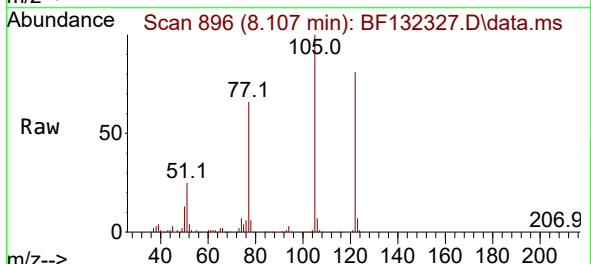
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

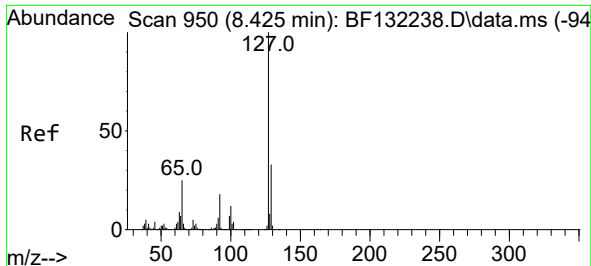
Tgt Ion:128 Resp: 1789983
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 34.020 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:122 Resp: 347170
Ion Ratio Lower Upper
122 100
105 123.7 106.3 146.3
77 81.7 70.6 110.6

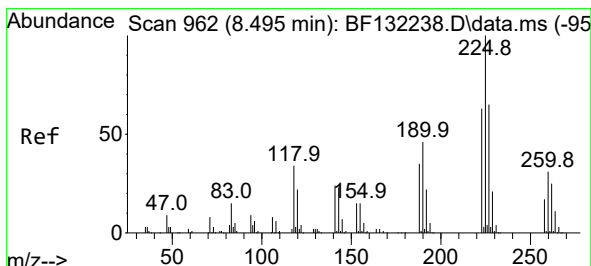
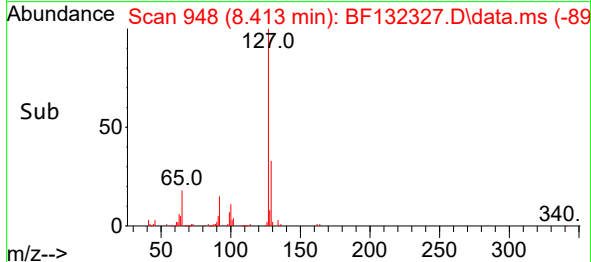
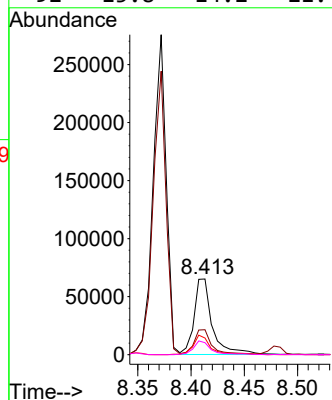
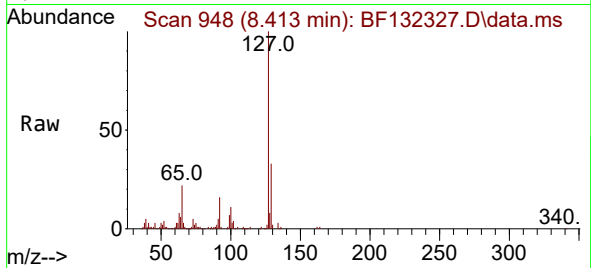




#33
4-Chloroaniline
Concen: 4.004 ng
RT: 8.413 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

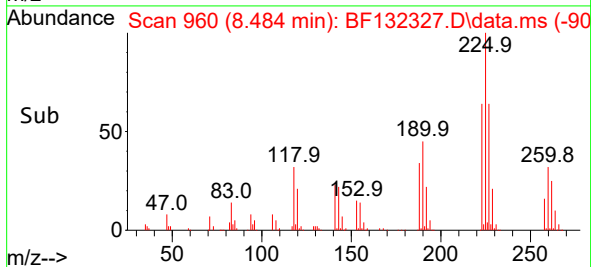
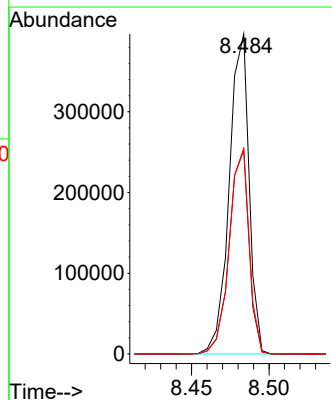
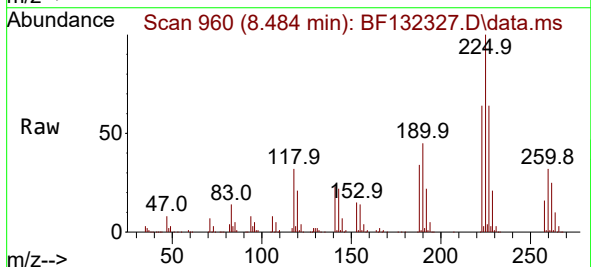
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

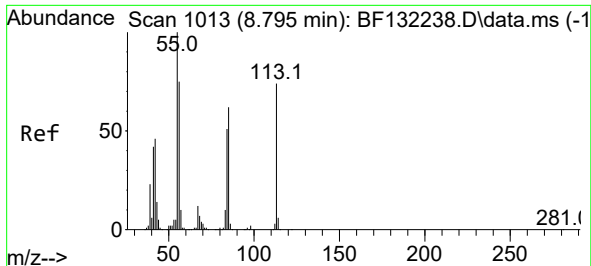
Tgt Ion:127	Resp:	76973
Ion	Ratio	Lower Upper
127	100	
129	33.0	26.6 39.8
65	22.1	20.2 30.2
92	15.8	14.2 21.4



#34
Hexachlorobutadiene
Concen: 47.799 ng
RT: 8.484 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:225	Resp:	352209
Ion	Ratio	Lower Upper
225	100	
223	63.7	50.6 75.8
227	64.3	51.7 77.5

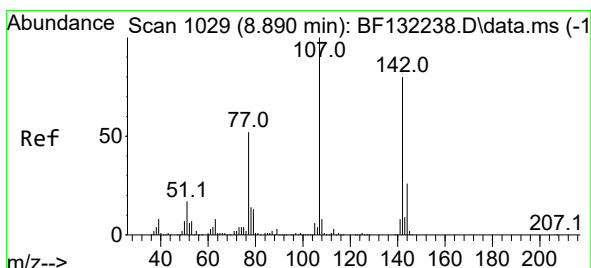
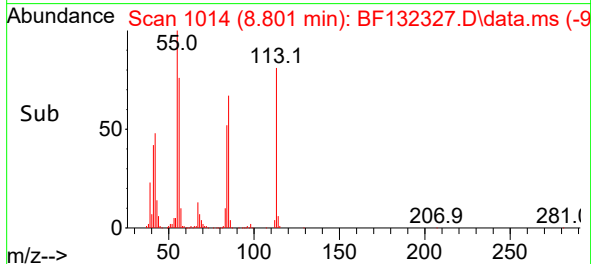
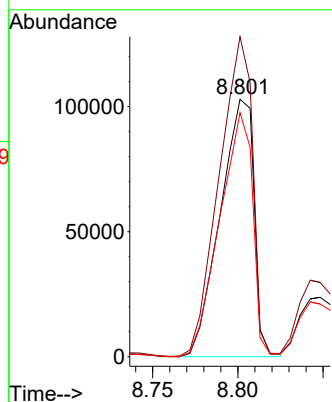
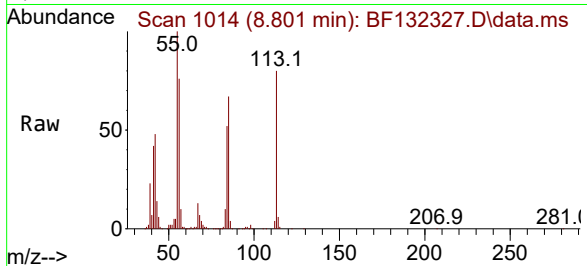




#35
Caprolactam
Concen: 33.915 ng
RT: 8.801 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

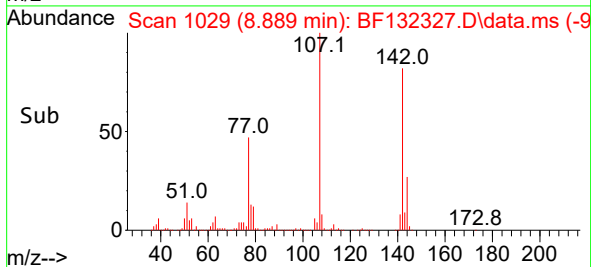
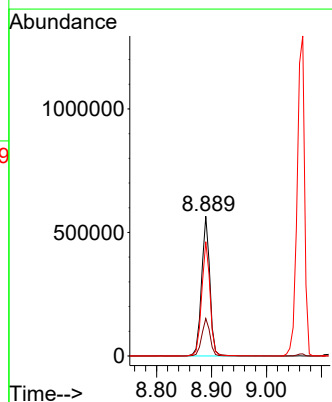
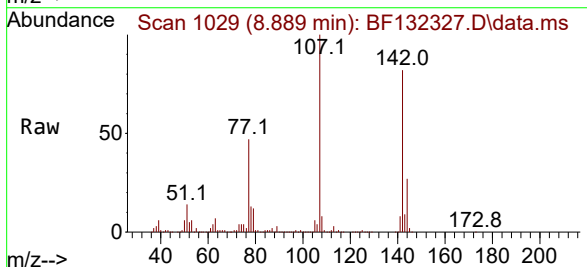
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

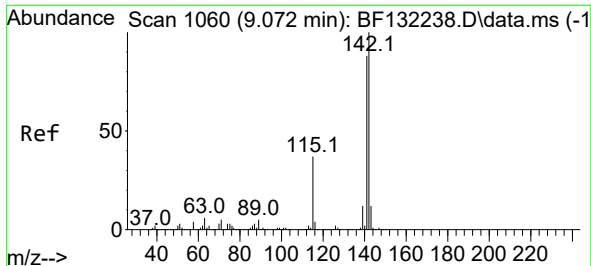
Tgt Ion:113 Resp: 141522
Ion Ratio Lower Upper
113 100
55 124.3 114.7 154.7
56 94.8 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 44.971 ng
RT: 8.889 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:107 Resp: 593011
Ion Ratio Lower Upper
107 100
144 26.8 20.5 30.7
142 81.8 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.442 ng

RT: 9.066 min Scan# 1059

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

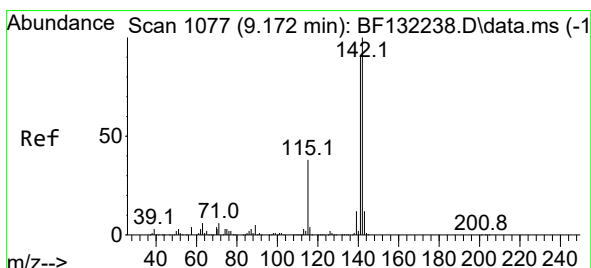
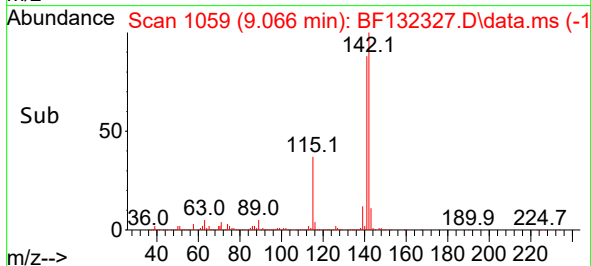
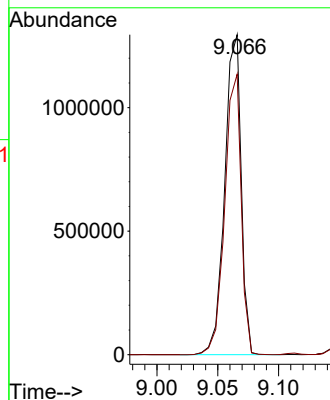
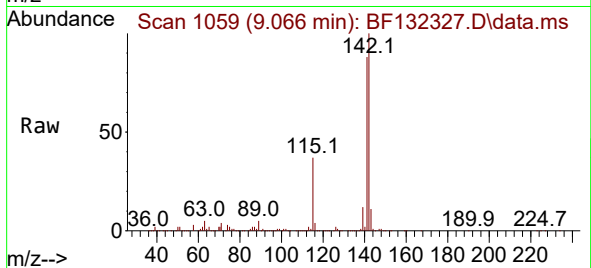
4-RAMP-EMSD

Tgt Ion:142 Resp: 1217036

Ion Ratio Lower Upper

142 100

141 87.7 70.1 105.1



#38

1-Methylnaphthalene

Concen: 41.379 ng

RT: 9.166 min Scan# 1076

Delta R.T. 0.000 min

Lab File: BF132327.D

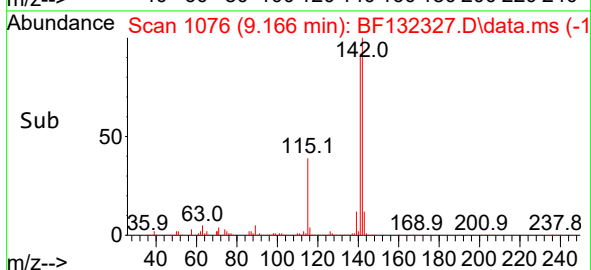
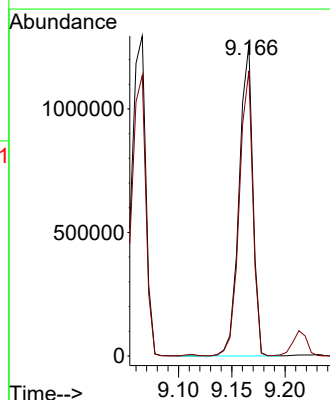
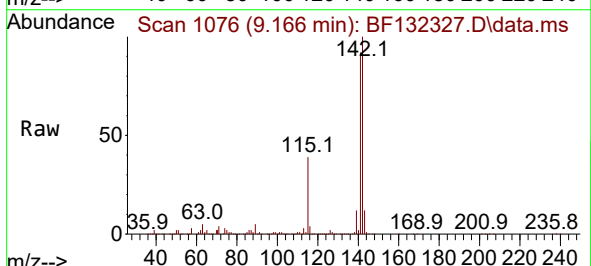
Acq: 03 Feb 2023 18:03

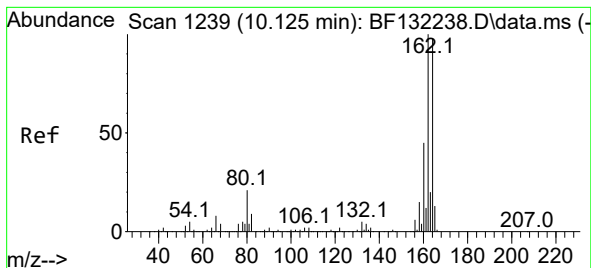
Tgt Ion:142 Resp: 1129283

Ion Ratio Lower Upper

142 100

141 91.6 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.113 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

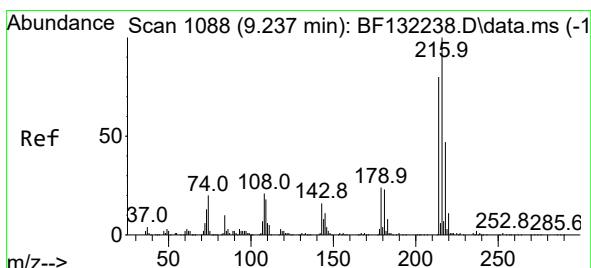
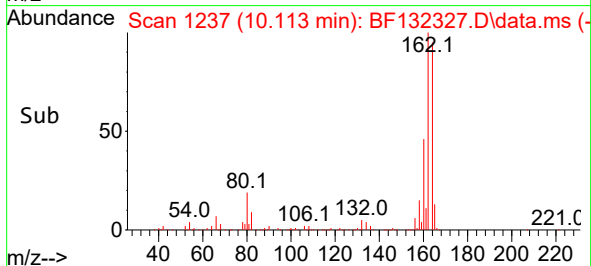
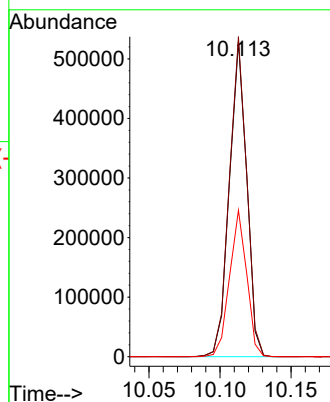
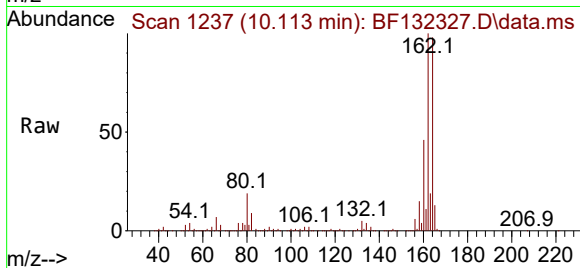
Tgt Ion:164 Resp: 449443

Ion Ratio Lower Upper

164 100

162 101.7 82.0 123.0

160 46.5 37.1 55.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.808 ng

RT: 9.231 min Scan# 1087

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Tgt Ion:216 Resp: 566724

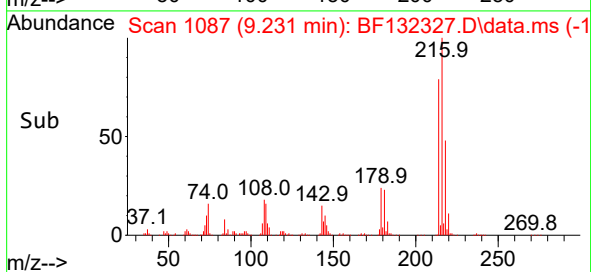
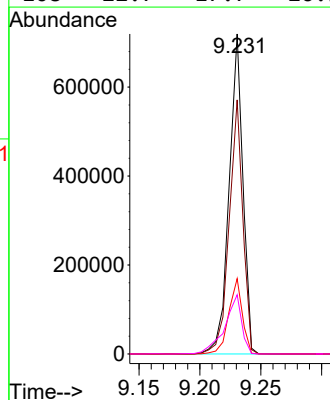
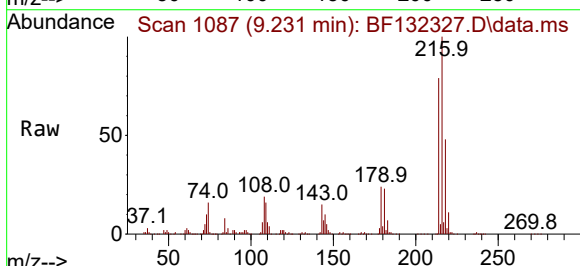
Ion Ratio Lower Upper

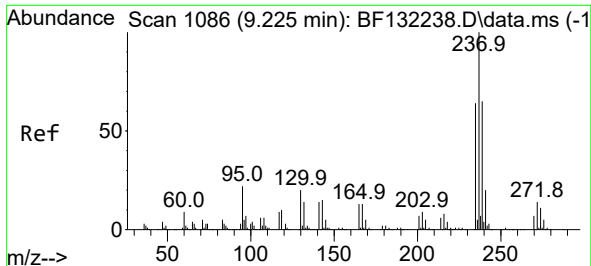
216 100

214 78.7 63.6 95.4

179 23.2 18.3 27.5

108 22.7 17.7 26.5





#41

Hexachlorocyclopentadiene

Concen: 97.127 ng

RT: 9.213 min Scan# 1084

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

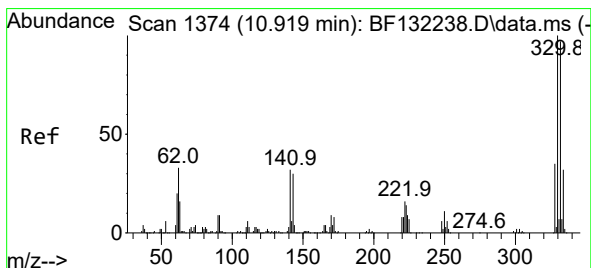
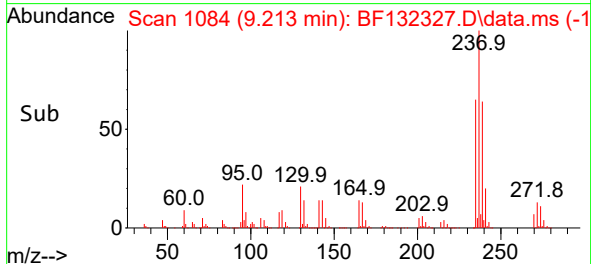
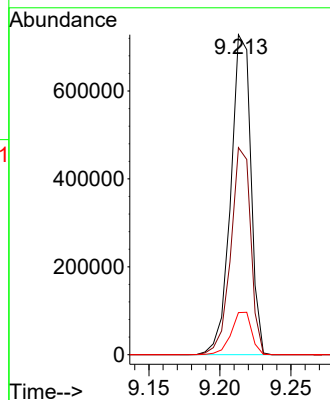
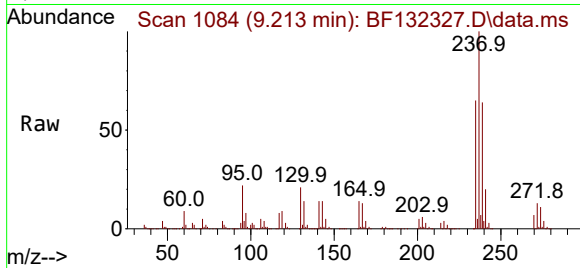
Tgt Ion:237 Resp: 716714

Ion Ratio Lower Upper

237 100

235 64.7 43.5 83.5

272 13.2 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 101.586 ng

RT: 10.913 min Scan# 1373

Delta R.T. 0.006 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

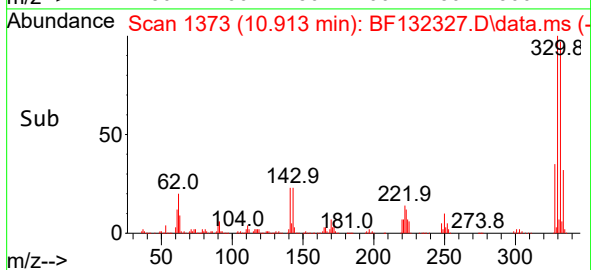
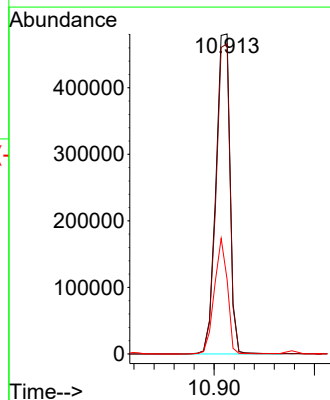
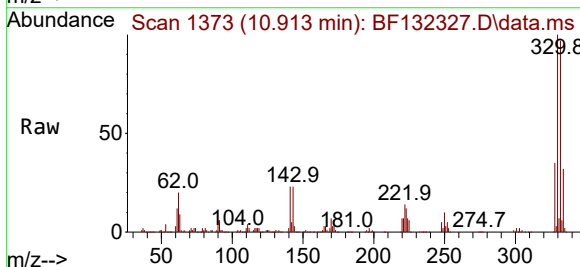
Tgt Ion:330 Resp: 469519

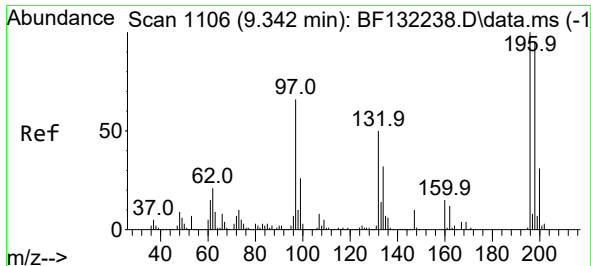
Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

141 33.3 31.0 46.4

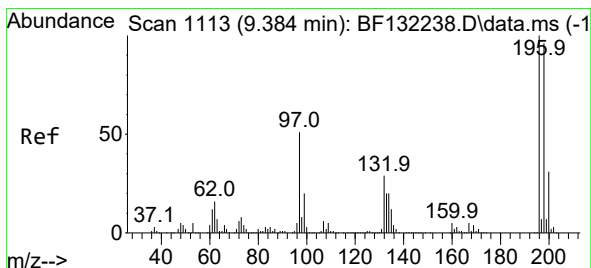
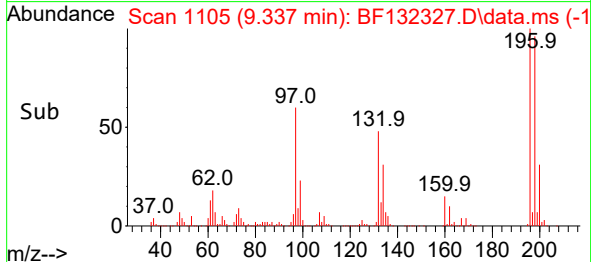
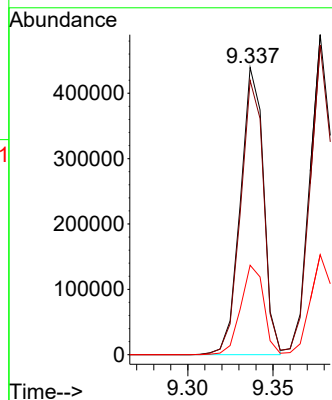
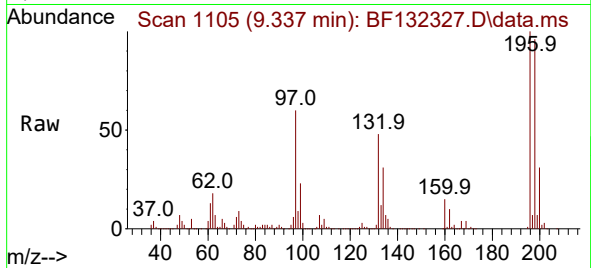




#43
2,4,6-Trichlorophenol
Concen: 45.967 ng
RT: 9.337 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

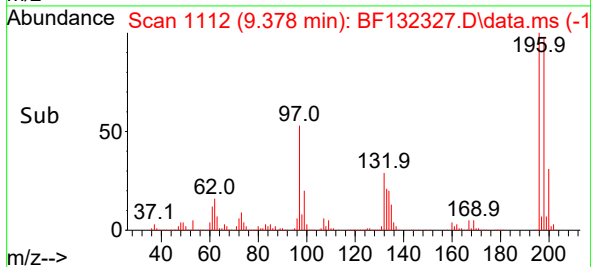
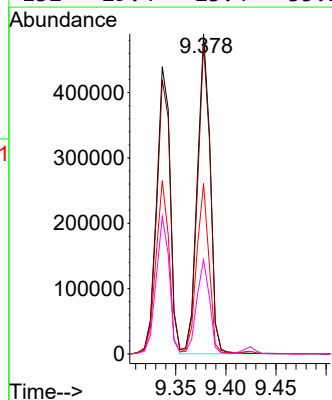
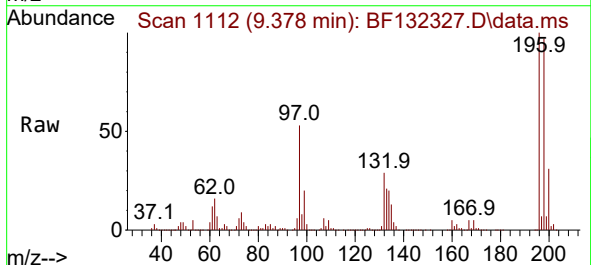
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

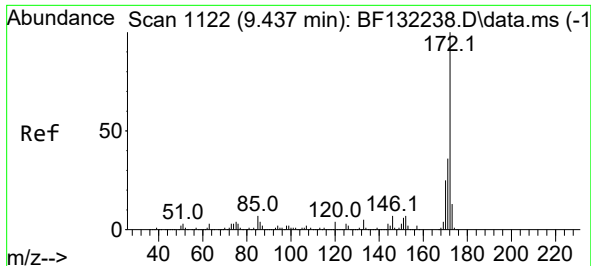
Tgt Ion:196 Resp: 415586
Ion Ratio Lower Upper
196 100
198 95.5 75.9 113.9
200 31.1 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.041 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:196 Resp: 437487
Ion Ratio Lower Upper
196 100
198 96.8 77.0 115.4
97 53.2 41.2 61.8
132 29.4 23.4 35.2

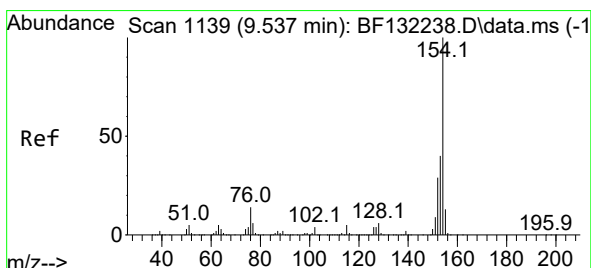
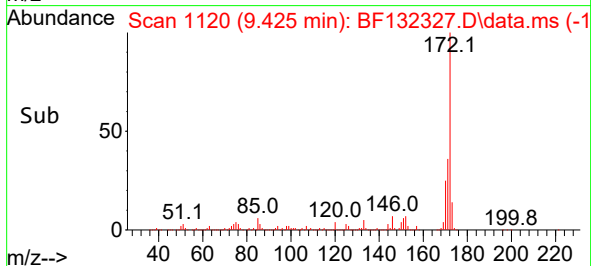
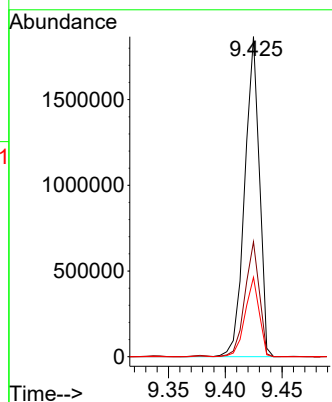
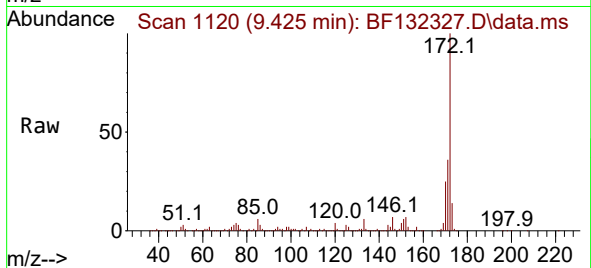




#45
2-Fluorobiphenyl
Concen: 57.549 ng
RT: 9.425 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

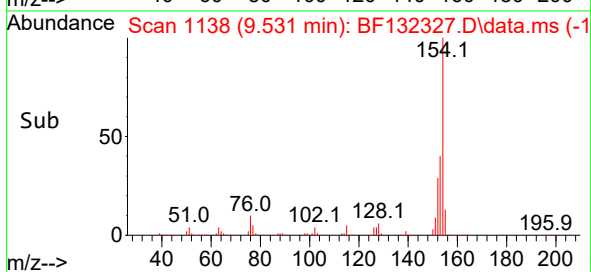
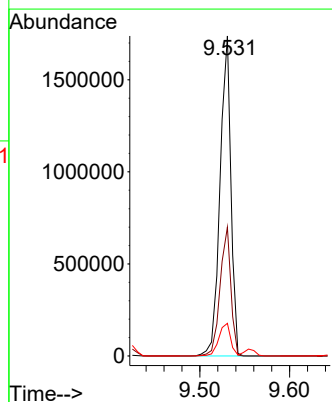
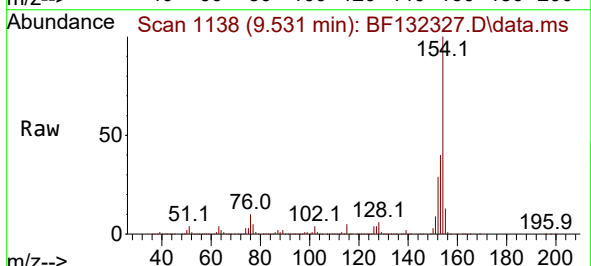
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

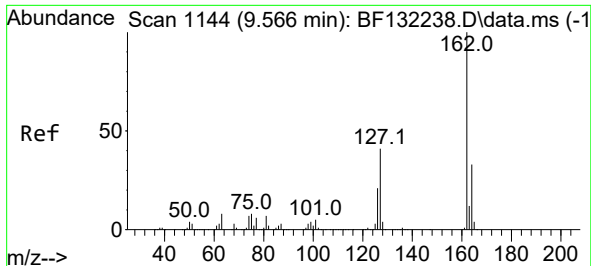
Tgt Ion:172 Resp: 1674915
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 42.146 ng
RT: 9.531 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:154 Resp: 1460354
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 10.2 0.0 34.0

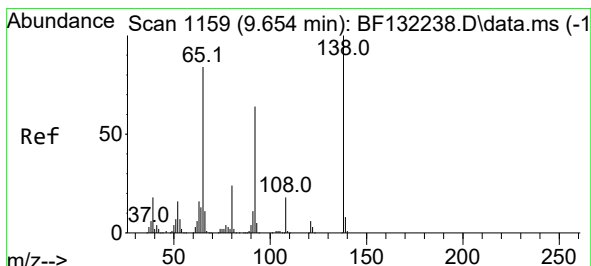
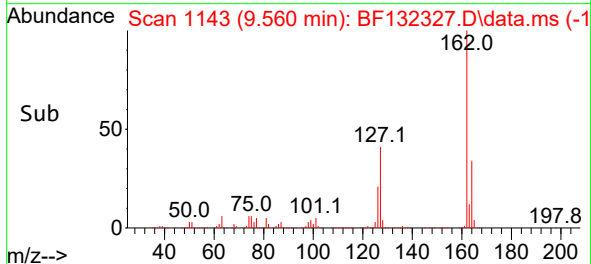
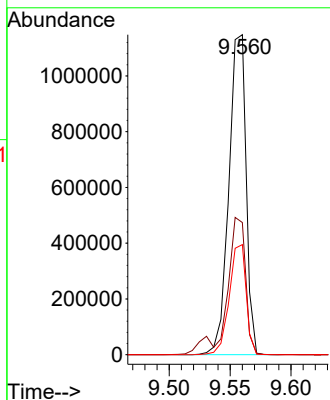
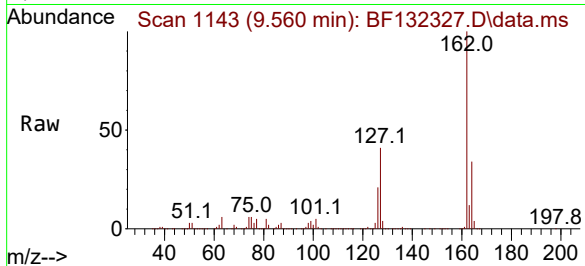




#47
2-Chloronaphthalene
Concen: 42.975 ng
RT: 9.560 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

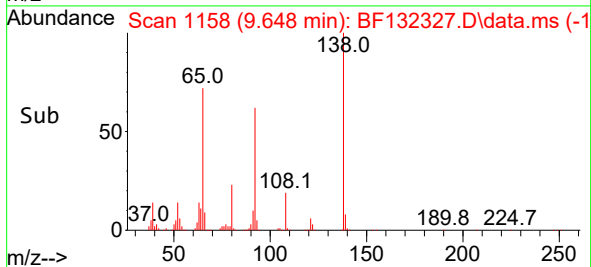
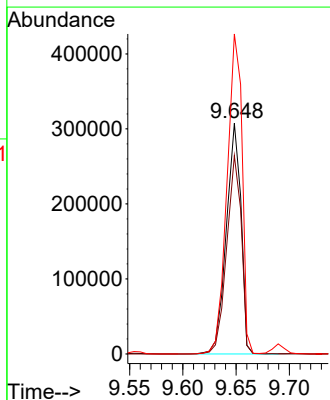
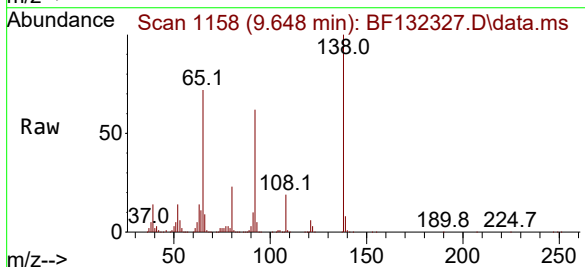
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

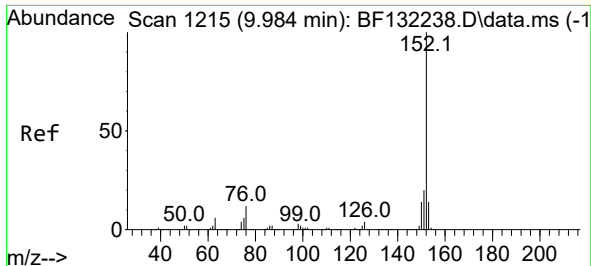
Tgt Ion:162 Resp: 1134150
Ion Ratio Lower Upper
162 100
127 41.3 33.3 49.9
164 34.4 26.8 40.2



#48
2-Nitroaniline
Concen: 37.431 ng
RT: 9.648 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion: 65 Resp: 293789
Ion Ratio Lower Upper
65 100
92 85.9 61.0 91.4
138 138.7 95.0 142.4





#49

Acenaphthylene

Concen: 41.266 ng

RT: 9.978 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

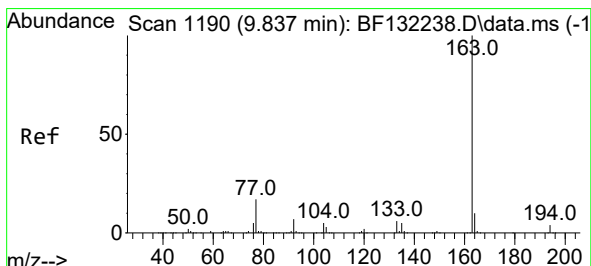
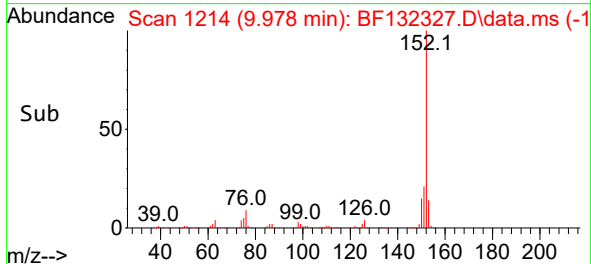
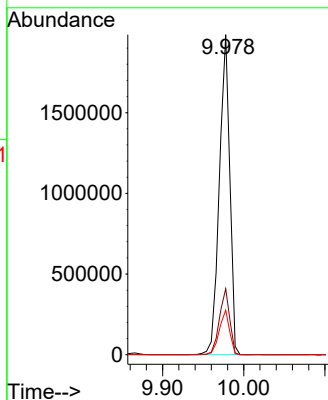
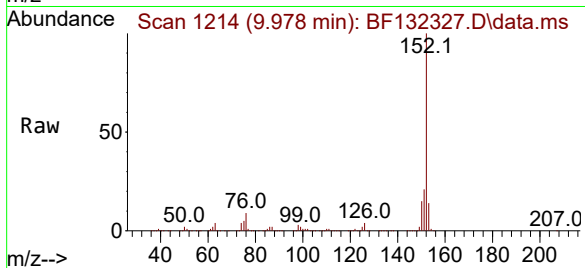
Tgt Ion:152 Resp: 1777391

Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 43.549 ng

RT: 9.831 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

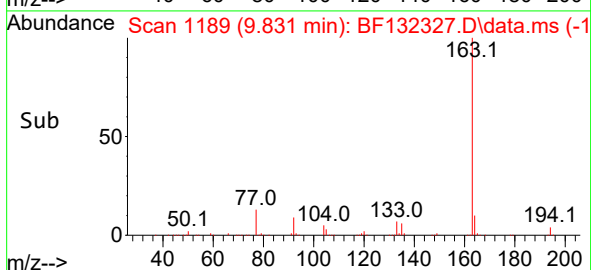
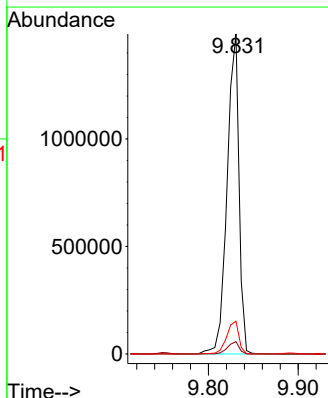
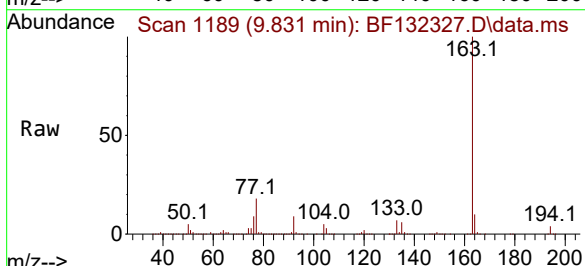
Tgt Ion:163 Resp: 1369128

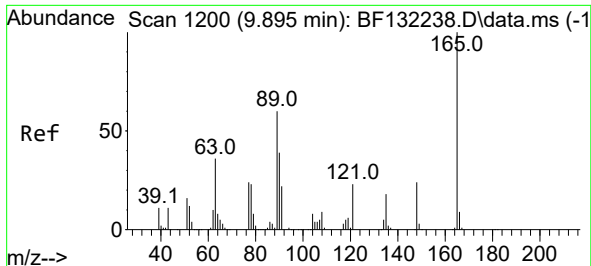
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.3 7.9 11.9

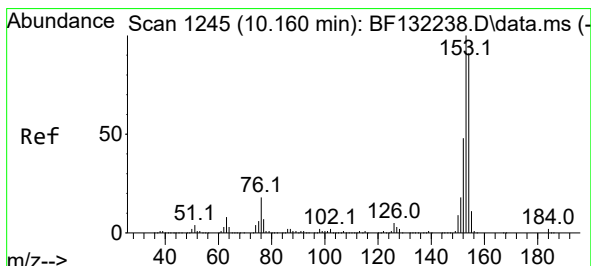
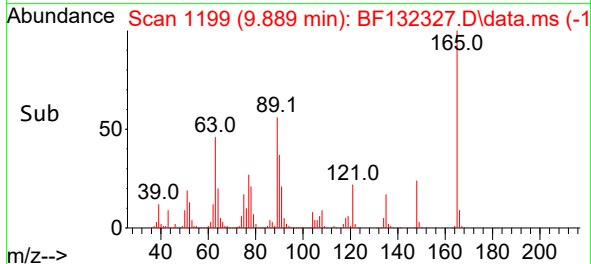
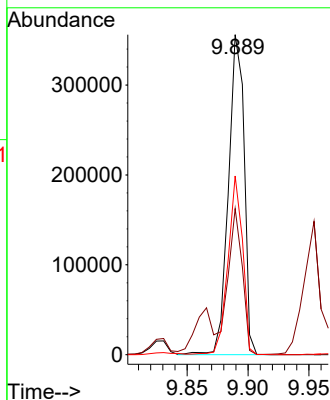
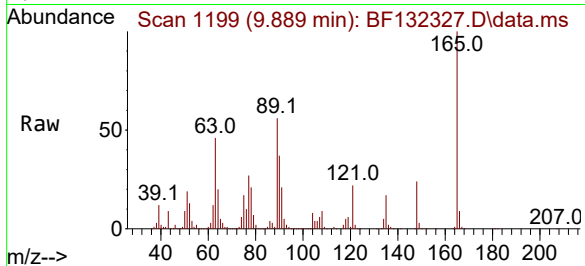




#51
2,6-Dinitrotoluene
Concen: 45.567 ng
RT: 9.889 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

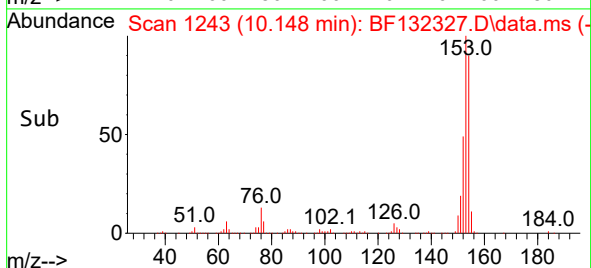
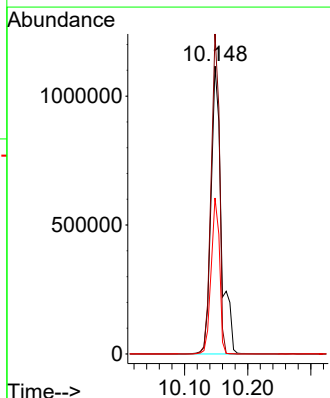
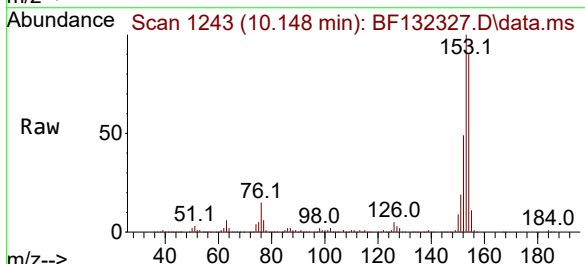
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

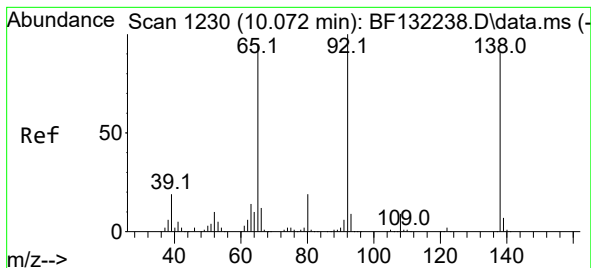
Tgt Ion:165 Resp: 319943
Ion Ratio Lower Upper
165 100
63 45.6 41.5 62.3
89 55.8 48.1 72.1



#52
Acenaphthene
Concen: 46.703 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:154 Resp: 1259371
Ion Ratio Lower Upper
154 100
153 111.2 88.3 132.5
152 54.2 42.7 64.1

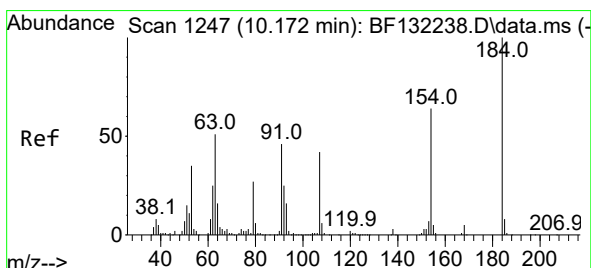
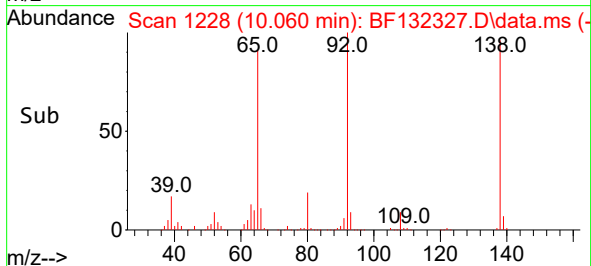
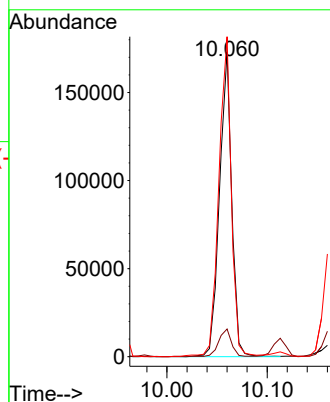
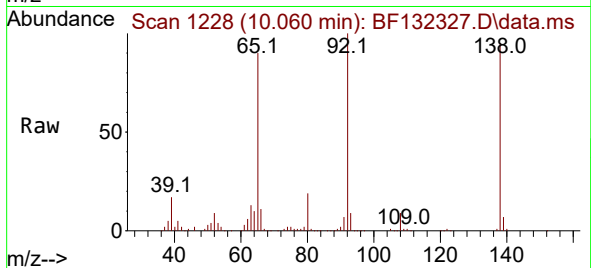




#53
3-Nitroaniline
Concen: 17.163 ng
RT: 10.060 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

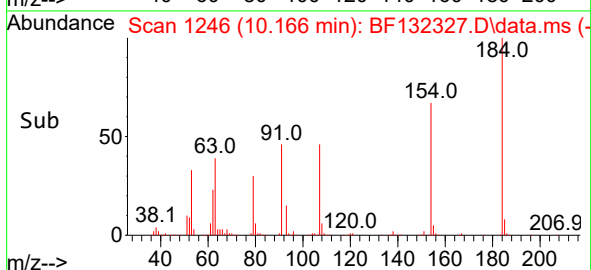
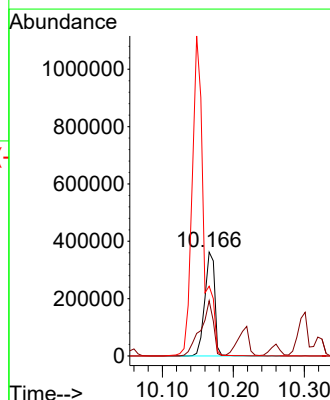
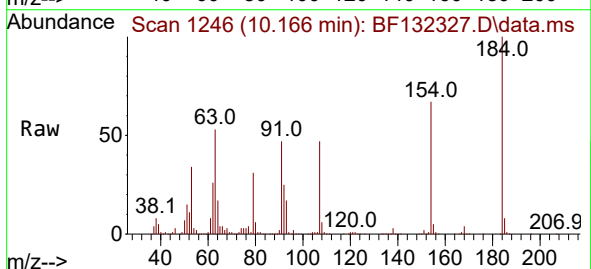
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

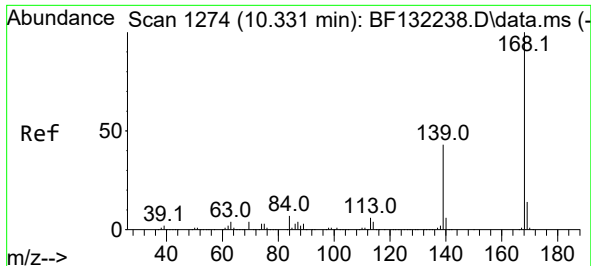
Tgt Ion:138 Resp: 146140
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 105.0 88.3 132.5



#54
2,4-Dinitrophenol
Concen: 87.664 ng
RT: 10.166 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:184 Resp: 358586
Ion Ratio Lower Upper
184 100
63 53.2 41.6 62.4
154 67.2 57.0 85.6

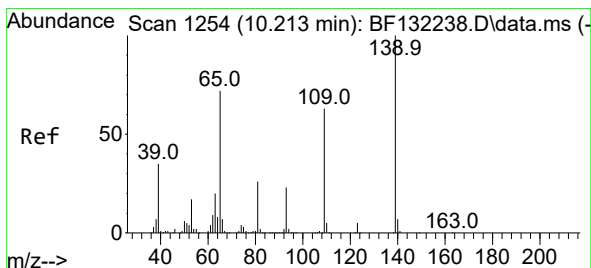
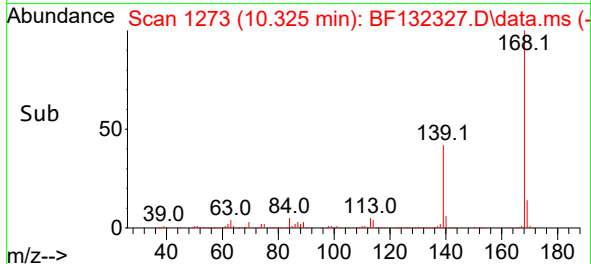
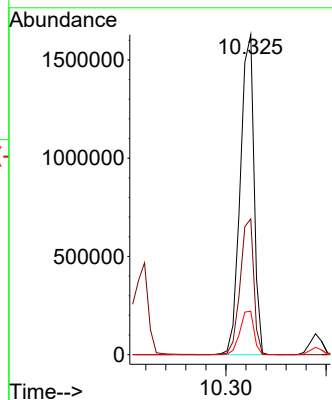
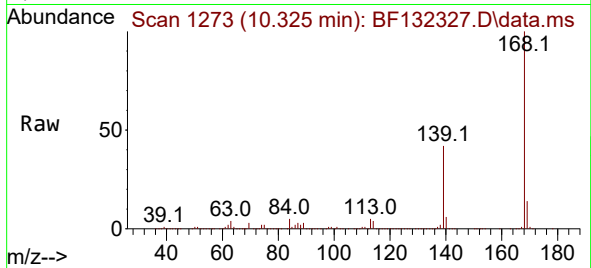




#55
Dibenzenofuran
Concen: 40.990 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

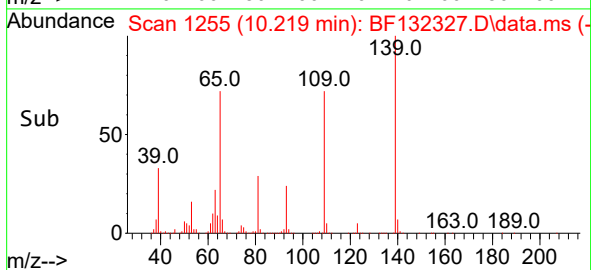
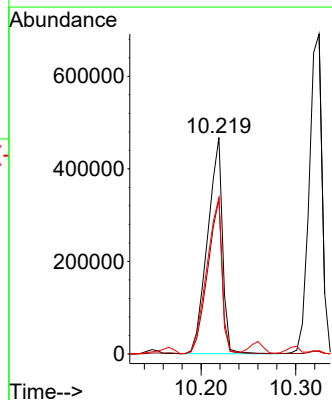
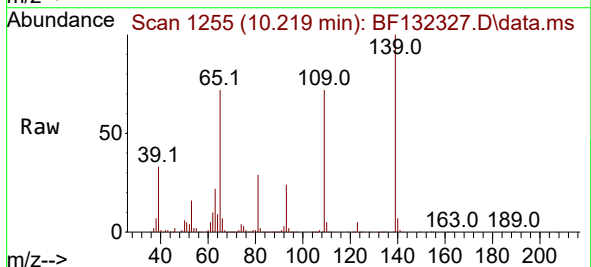
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

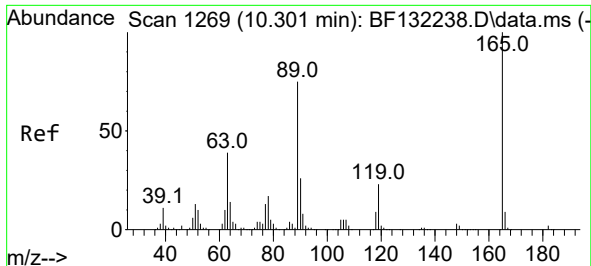
Tgt Ion:168 Resp: 1552984
Ion Ratio Lower Upper
168 100
139 42.5 34.2 51.4
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 79.797 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.012 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:139 Resp: 511305
Ion Ratio Lower Upper
139 100
109 71.5 43.3 83.3
65 72.1 52.3 92.3

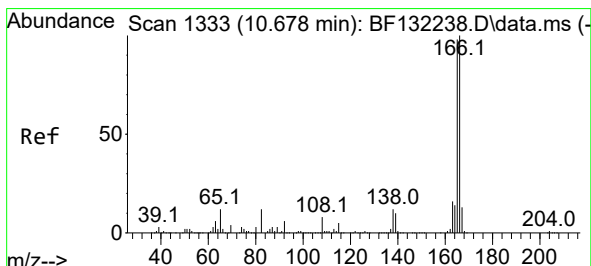
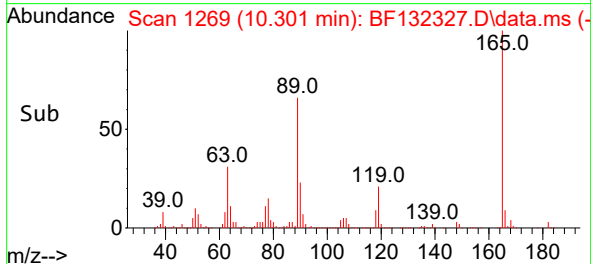
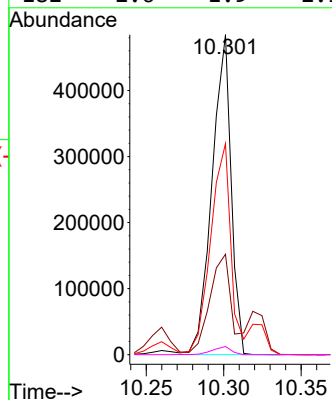
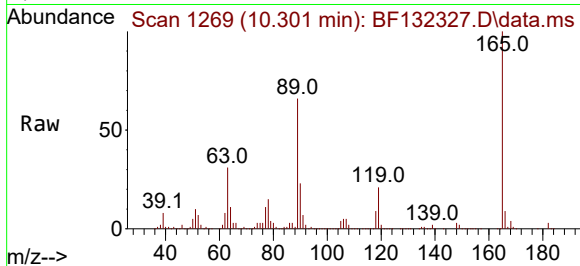




#57
2,4-Dinitrotoluene
Concen: 45.526 ng
RT: 10.301 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

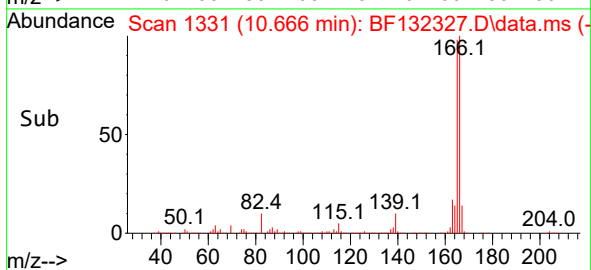
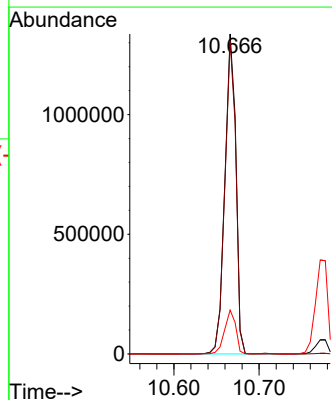
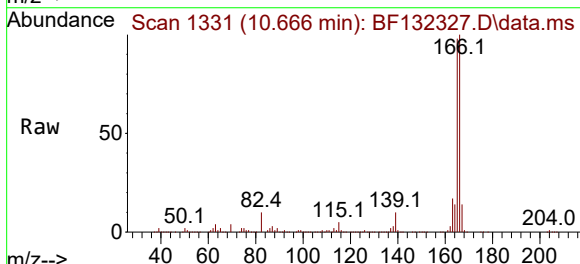
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

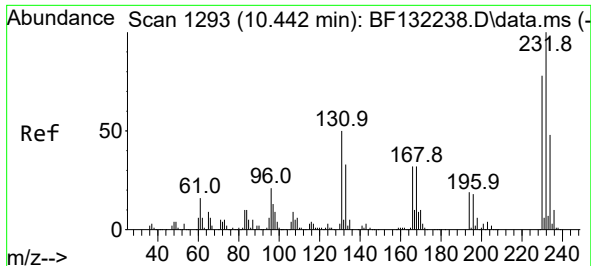
Tgt Ion:165 Resp: 415235
Ion Ratio Lower Upper
165 100
63 31.4 30.9 46.3
89 65.9 60.1 90.1
182 2.6 1.9 2.9



#58
Fluorene
Concen: 41.203 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:166 Resp: 1201398
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 13.7 10.8 16.2

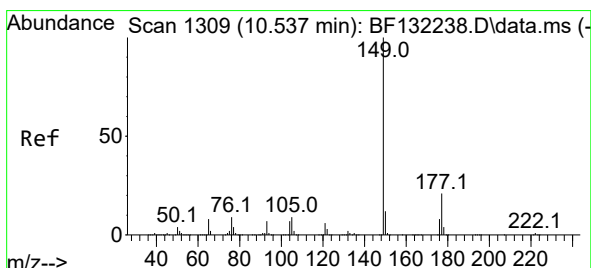
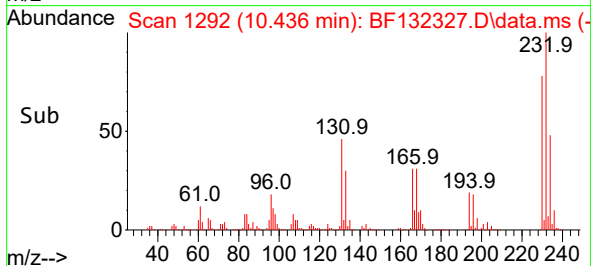
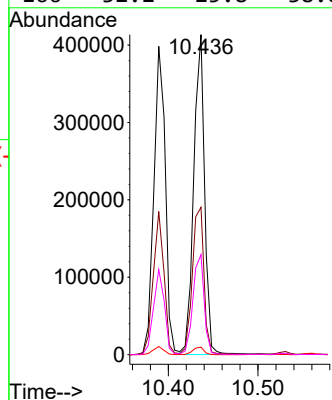
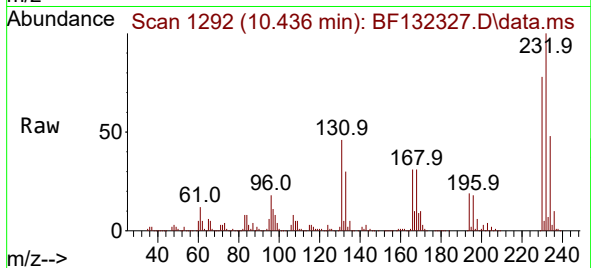




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.809 ng
RT: 10.436 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

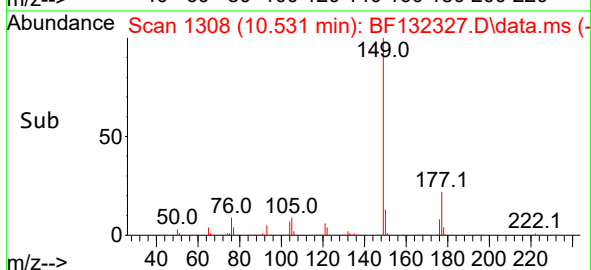
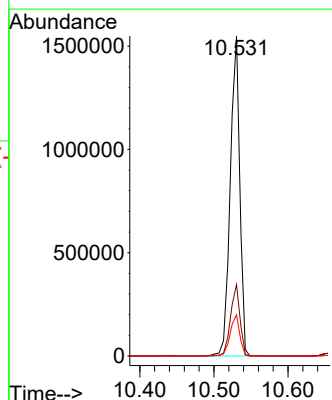
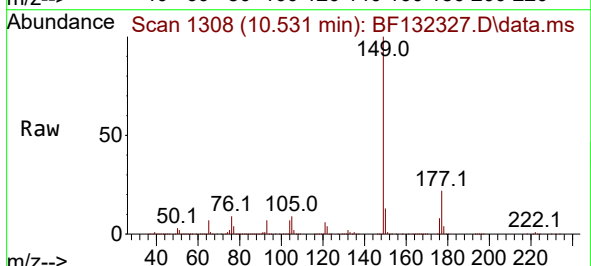
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

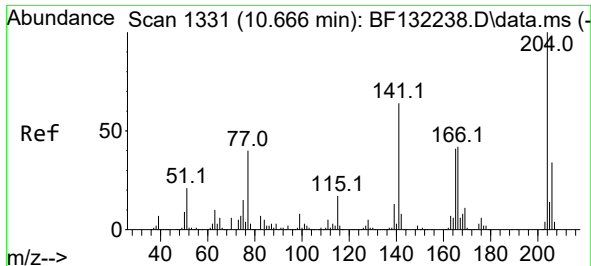
Tgt Ion:232 Resp: 347519
Ion Ratio Lower Upper
232 100
131 49.1 40.6 61.0
130 2.5 1.9 2.9
166 32.2 25.8 38.8



#60
Diethylphthalate
Concen: 44.068 ng
RT: 10.531 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:149 Resp: 1378255
Ion Ratio Lower Upper
149 100
177 22.3 17.1 25.7
150 12.8 9.9 14.9

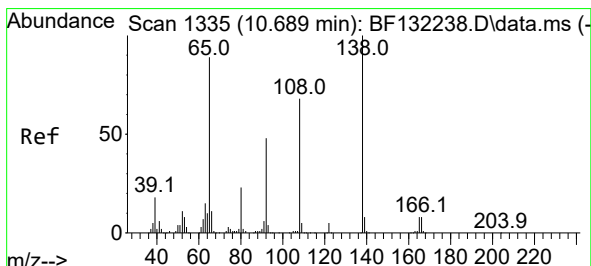
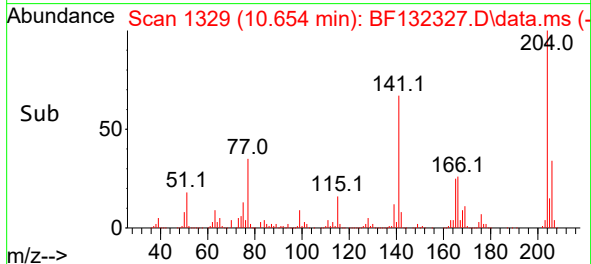
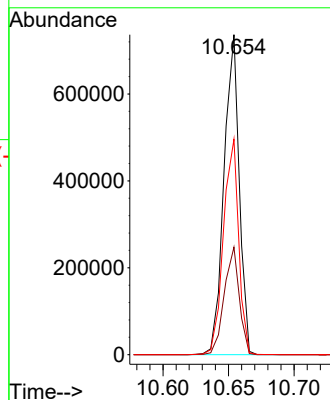
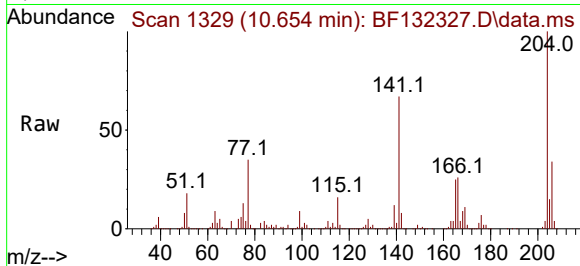




#61
4-Chlorophenyl-phenylether
Concen: 42.880 ng
RT: 10.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

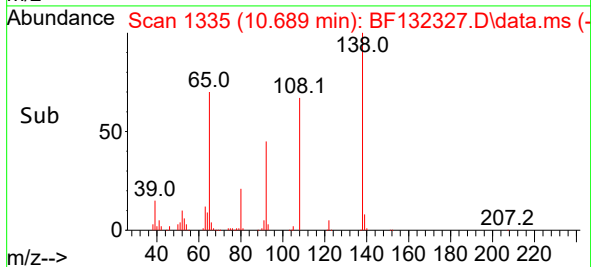
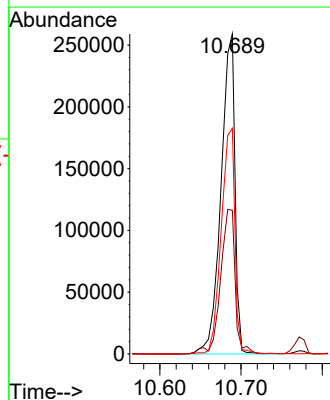
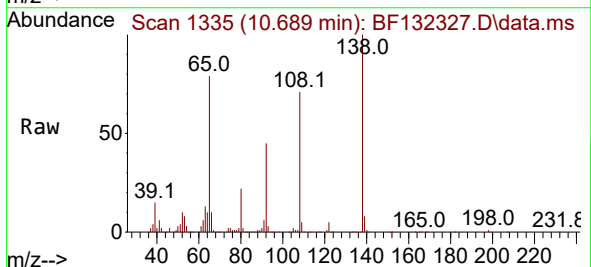
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

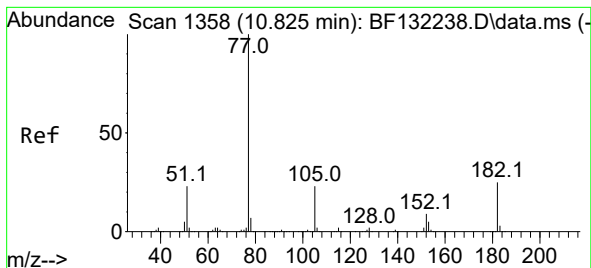
Tgt Ion:204 Resp: 593374
Ion Ratio Lower Upper
204 100
206 33.6 26.8 40.2
141 67.4 51.4 77.0



#62
4-Nitroaniline
Concen: 38.057 ng
RT: 10.689 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:138 Resp: 310749
Ion Ratio Lower Upper
138 100
92 44.9 27.7 67.7
108 70.6 48.5 88.5





#63

Azobenzene

Concen: 45.142 ng

RT: 10.813 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

Tgt Ion: 77 Resp: 1375230

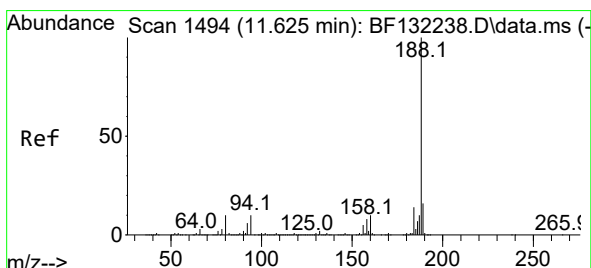
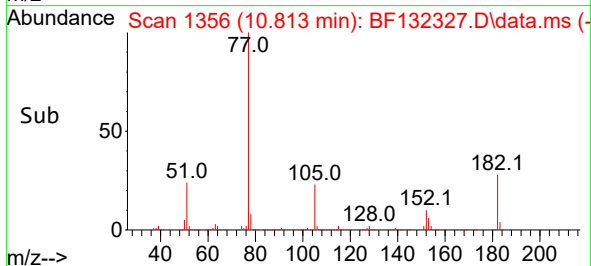
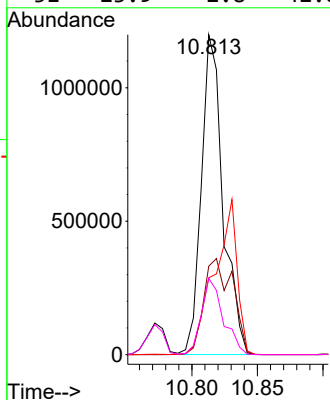
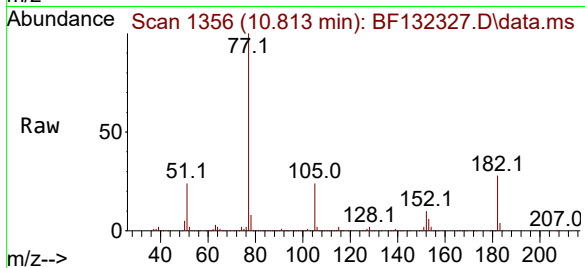
Ion Ratio Lower Upper

77 100

182 27.7 4.5 44.5

105 24.1 2.7 42.7

51 23.9 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

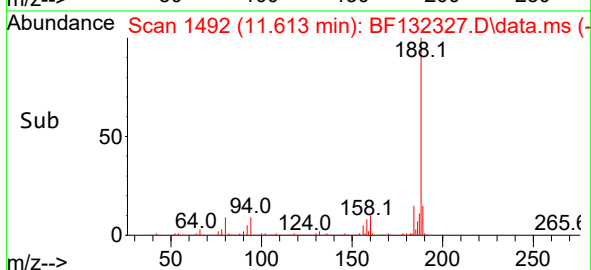
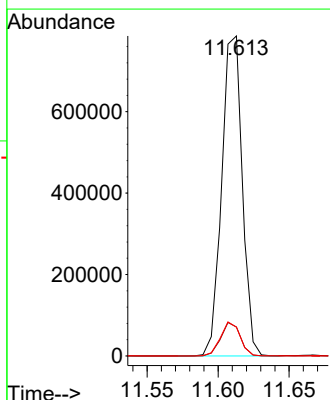
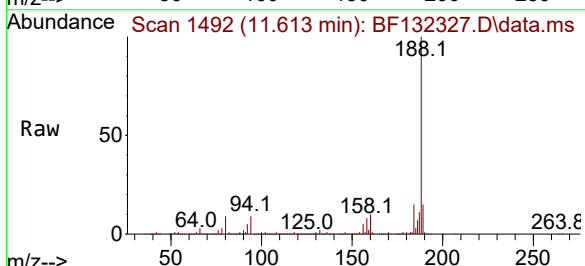
Tgt Ion:188 Resp: 791248

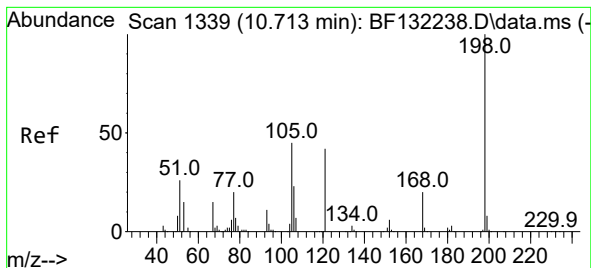
Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 9.0 8.3 12.5

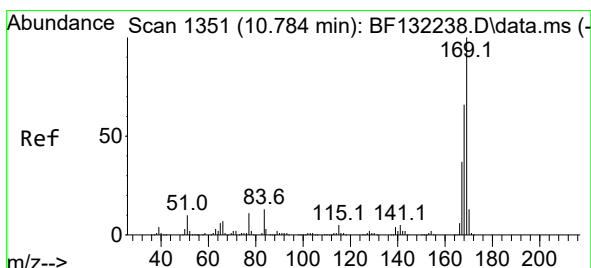
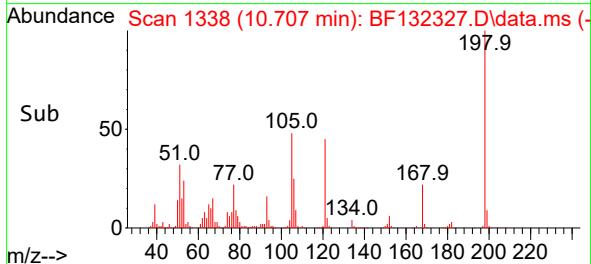
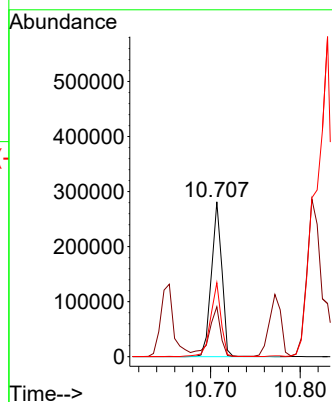
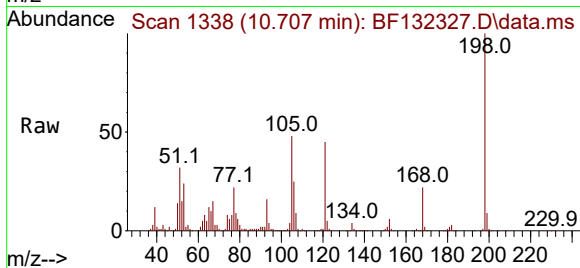




#65
4,6-Dinitro-2-methylphenol
Concen: 50.859 ng
RT: 10.707 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

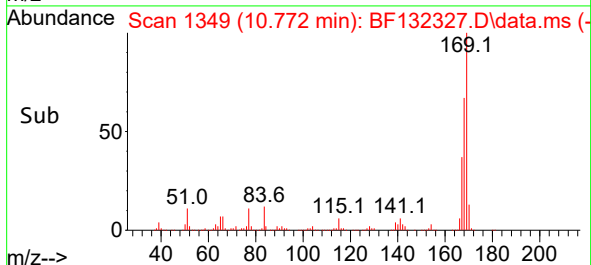
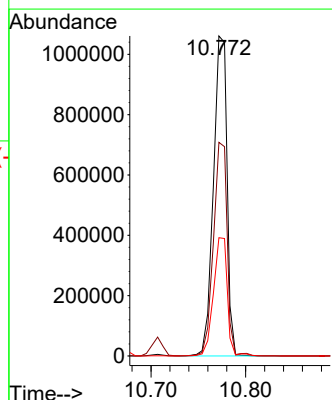
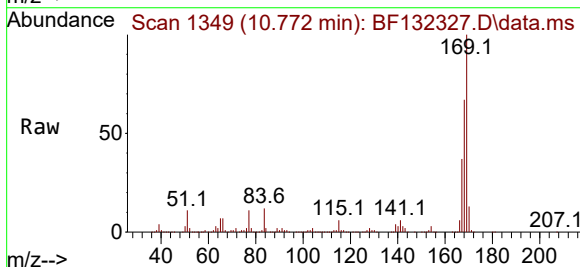
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

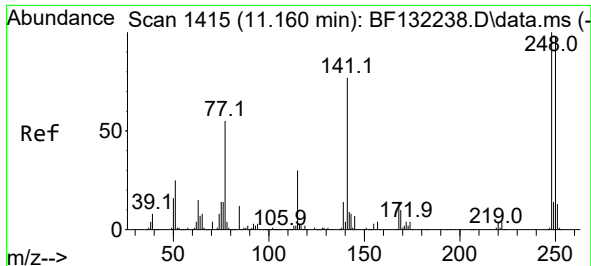
Tgt Ion:198 Resp: 228397
Ion Ratio Lower Upper
198 100
51 32.2 13.1 53.1
105 47.8 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 42.713 ng
RT: 10.772 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:169 Resp: 1058287
Ion Ratio Lower Upper
169 100
168 66.7 52.6 79.0
167 37.0 29.5 44.3

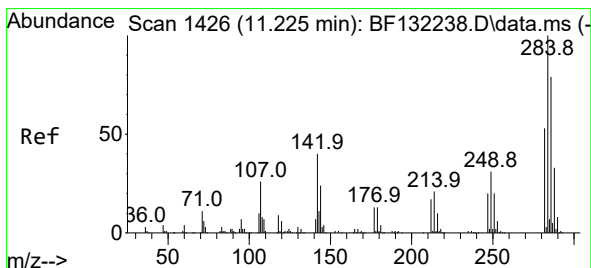
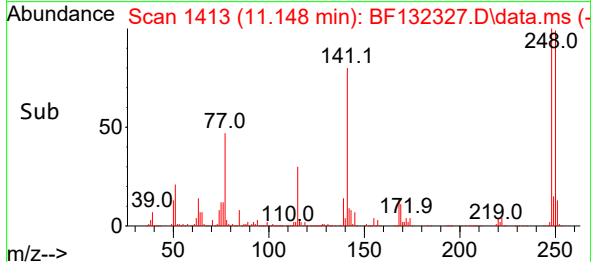
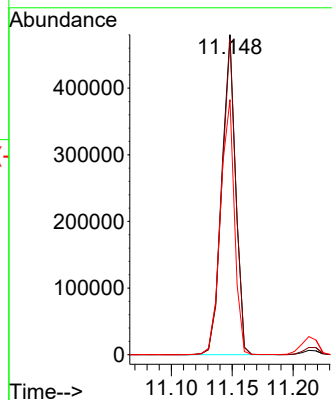
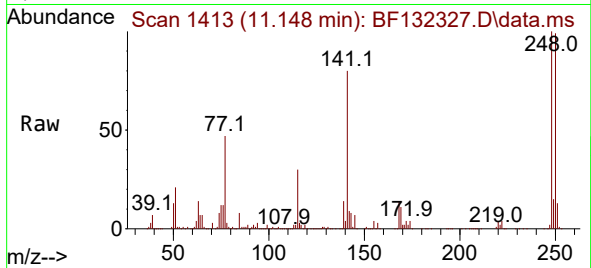




#67
4-Bromophenyl-phenylether
Concen: 47.065 ng
RT: 11.148 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

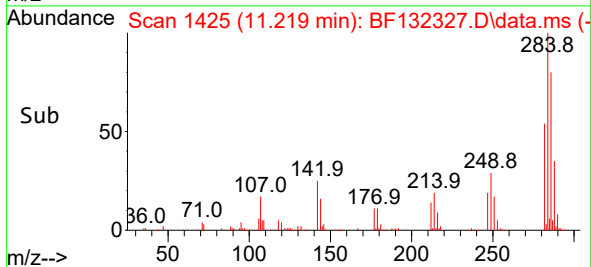
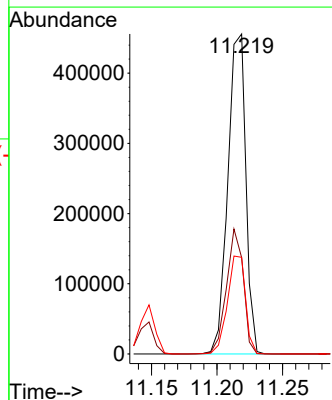
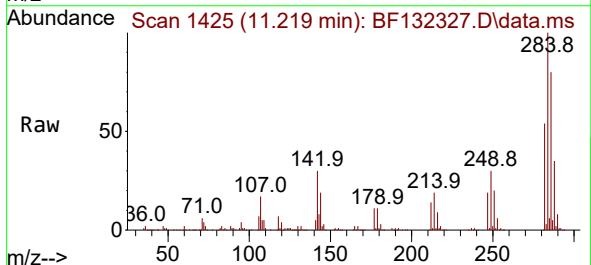
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

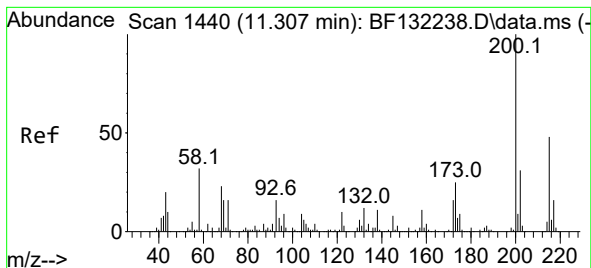
Tgt Ion:248 Resp: 381338
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 79.7 61.6 92.4



#68
Hexachlorobenzene
Concen: 50.229 ng
RT: 11.219 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:284 Resp: 434989
Ion Ratio Lower Upper
284 100
142 30.1 32.2 48.4#
249 30.2 25.0 37.6





#69

Atrazine

Concen: 52.250 ng

RT: 11.301 min Scan# 1439

Delta R.T. 0.006 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

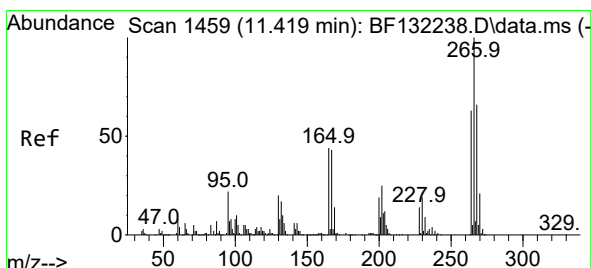
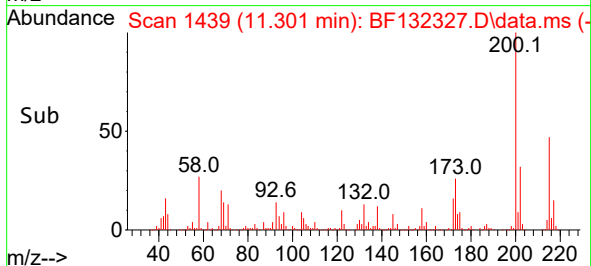
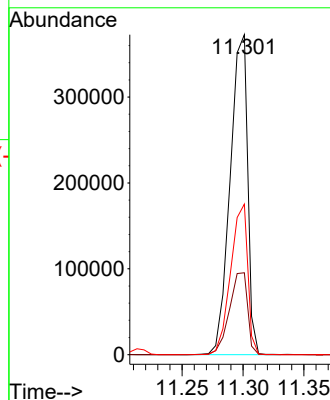
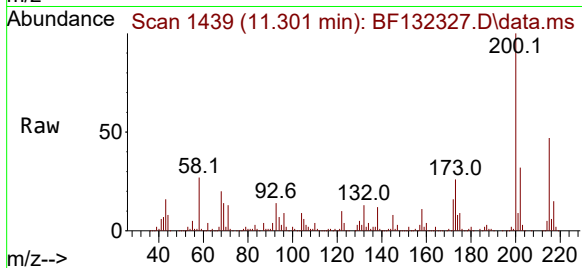
Tgt Ion:200 Resp: 372365

Ion Ratio Lower Upper

200 100

173 25.6 5.1 45.1

215 47.0 27.6 67.6



#70

Pentachlorophenol

Concen: 78.267 ng

RT: 11.407 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

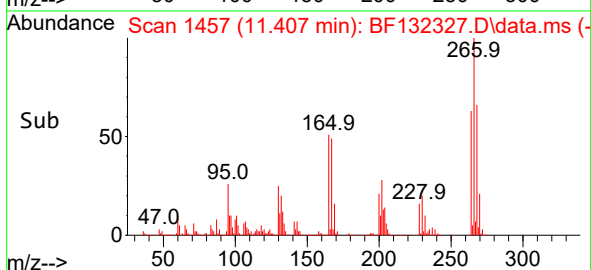
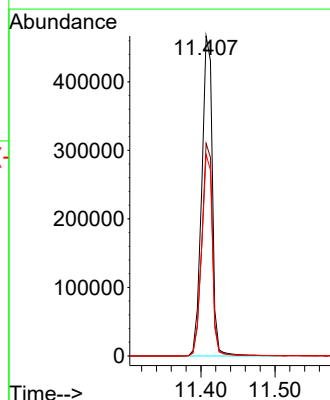
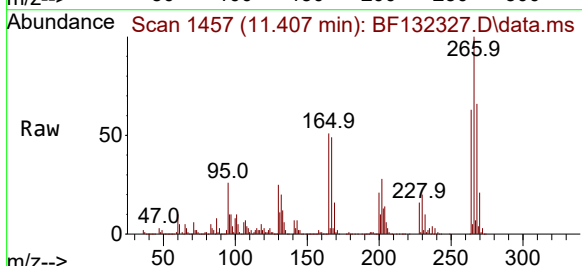
Tgt Ion:266 Resp: 465708

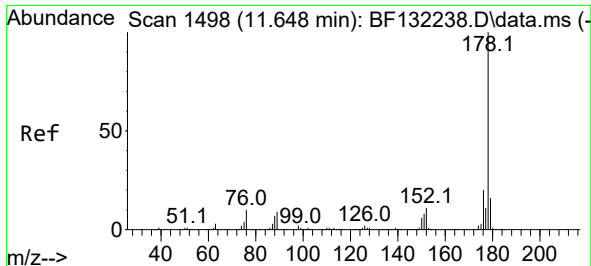
Ion Ratio Lower Upper

266 100

268 66.4 53.0 79.4

264 62.9 50.5 75.7

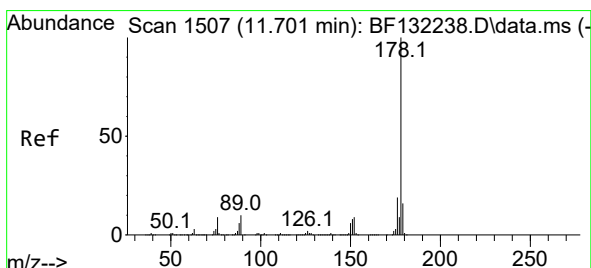
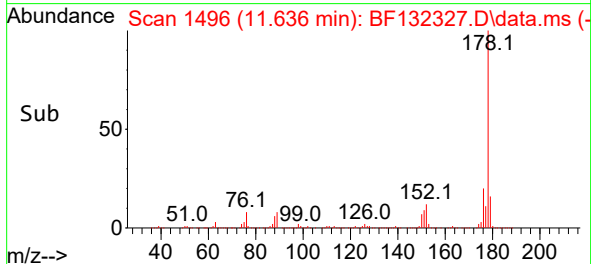
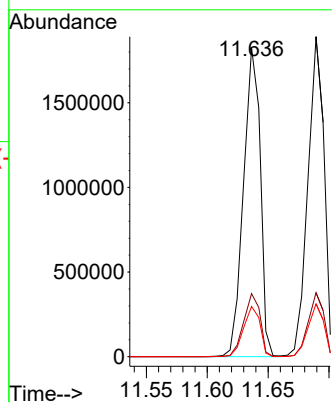
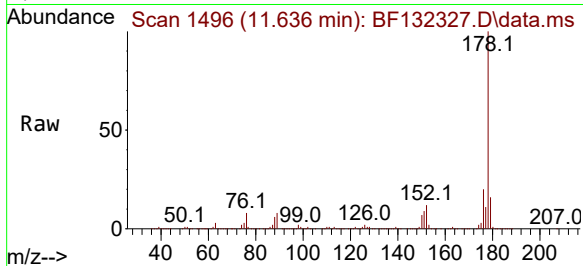




#71
Phenanthrene
Concen: 42.335 ng
RT: 11.636 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

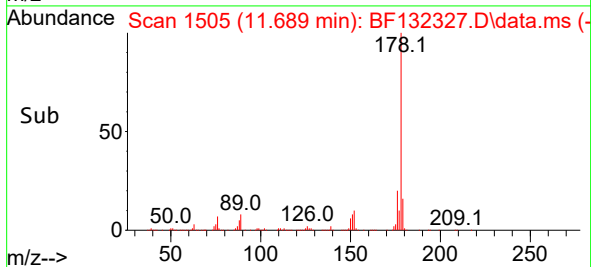
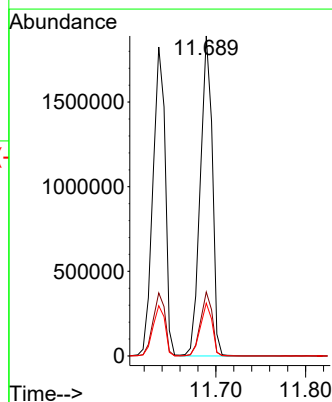
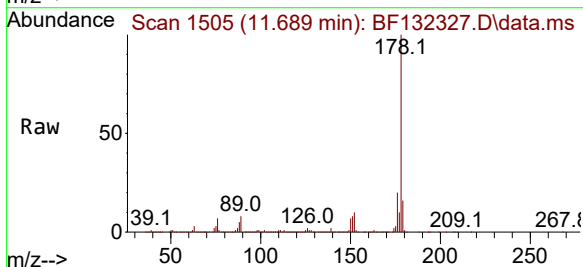
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

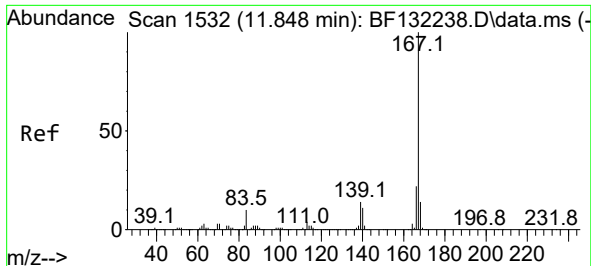
Tgt Ion:178 Resp: 1750443
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 12.8 19.2



#72
Anthracene
Concen: 41.693 ng
RT: 11.689 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:178 Resp: 1754389
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 16.5 12.8 19.2

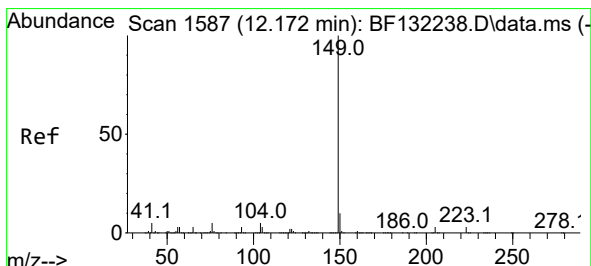
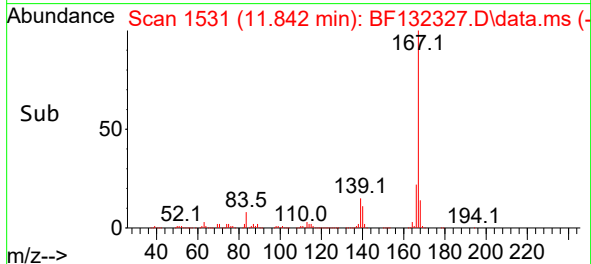
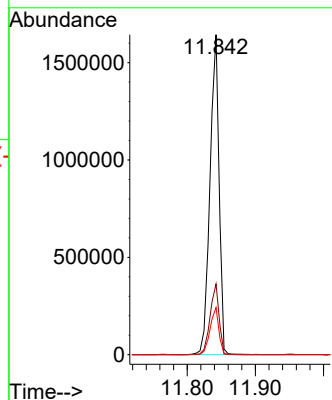
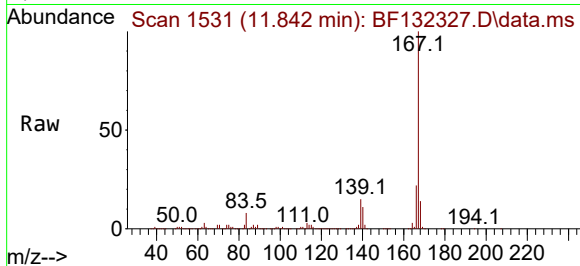




#73
 Carbazole
 Concen: 40.558 ng
 RT: 11.842 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF132327.D
 Acq: 03 Feb 2023 18:03

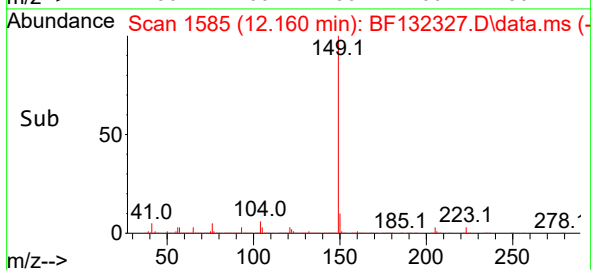
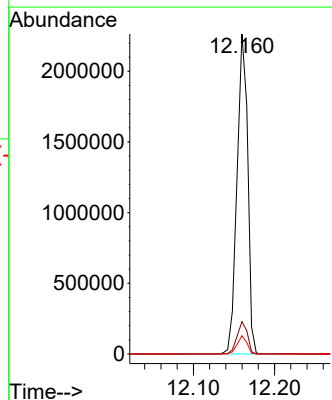
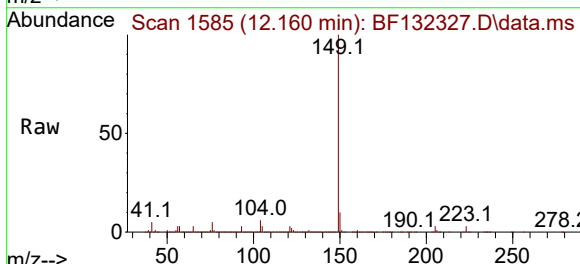
Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMSD

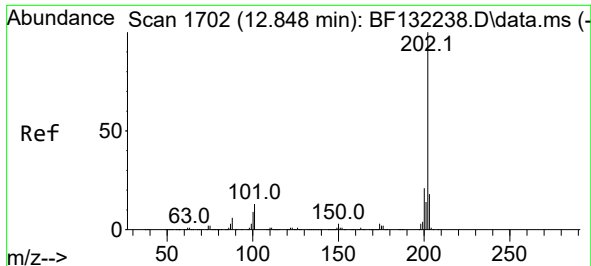
Tgt Ion:167 Resp: 1530234
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 14.7 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 46.265 ng
 RT: 12.160 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: BF132327.D
 Acq: 03 Feb 2023 18:03

Tgt Ion:149 Resp: 2063666
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 5.7 4.3 6.5

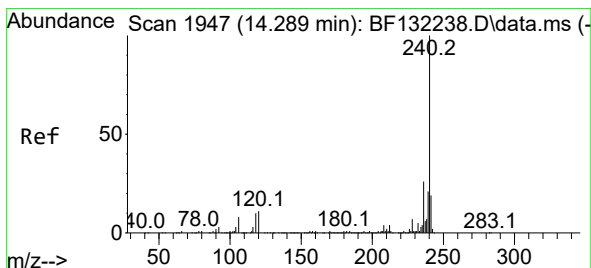
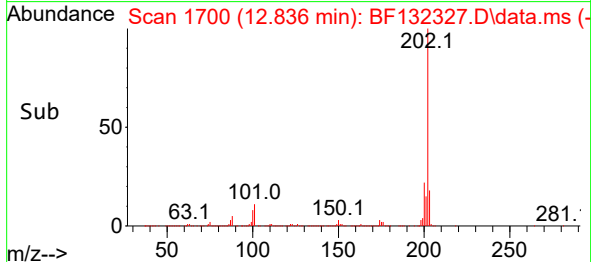
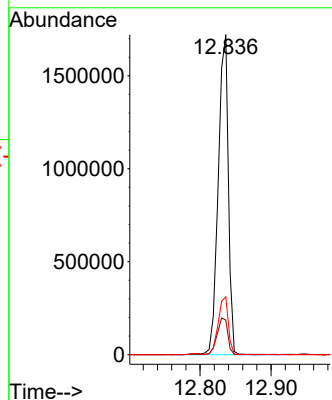
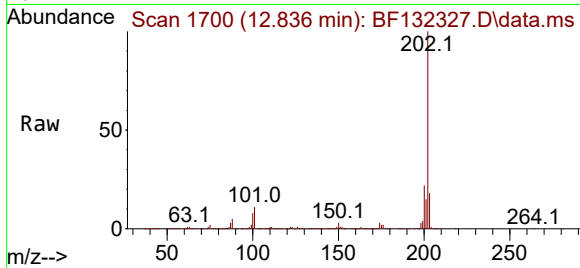




#75
Fluoranthene
Concen: 40.136 ng
RT: 12.836 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

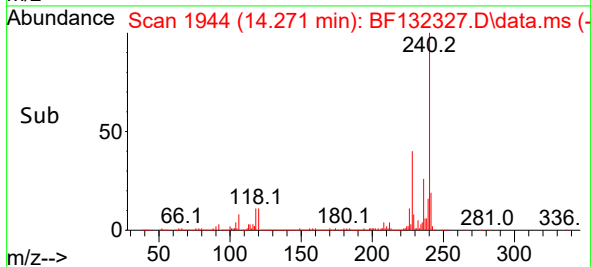
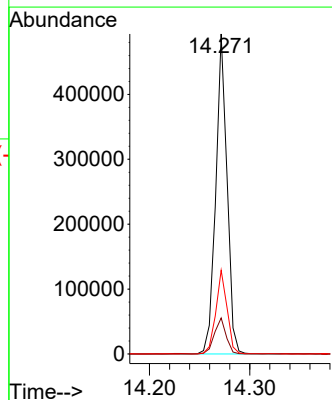
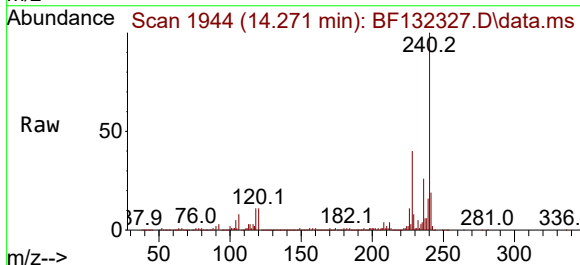
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

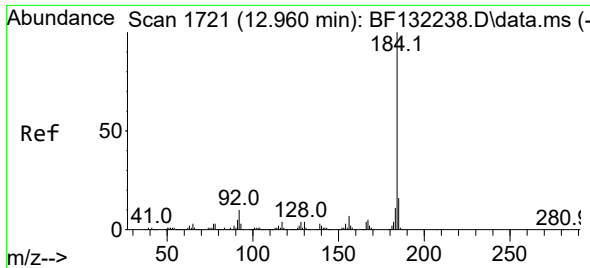
Tgt Ion:202 Resp: 1693472
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.7
203 18.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:240 Resp: 384936
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.1 21.0 31.6

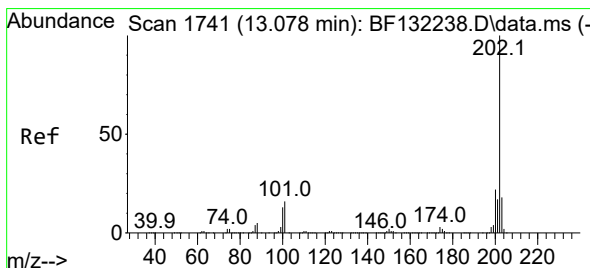
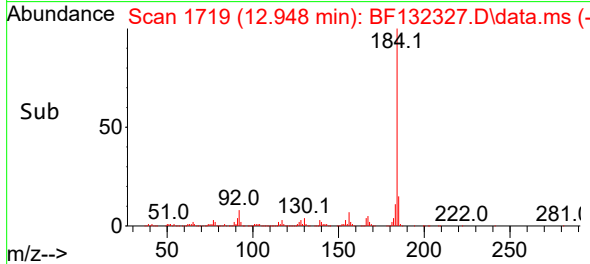
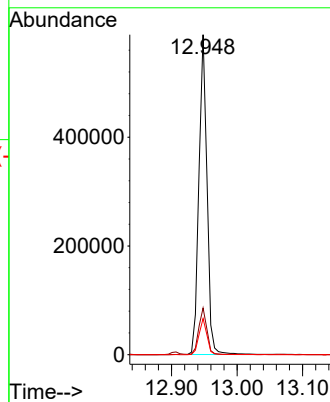
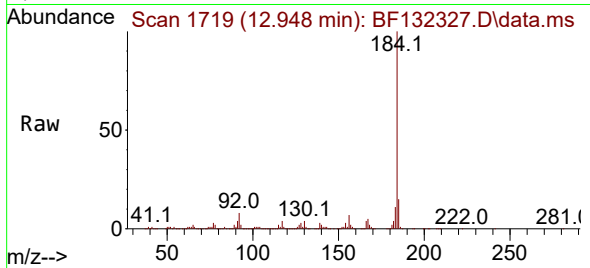




#77
Benzidine
Concen: 37.757 ng
RT: 12.948 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

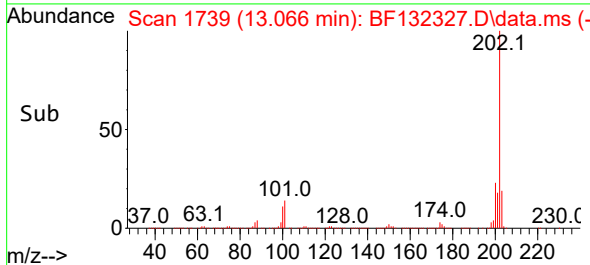
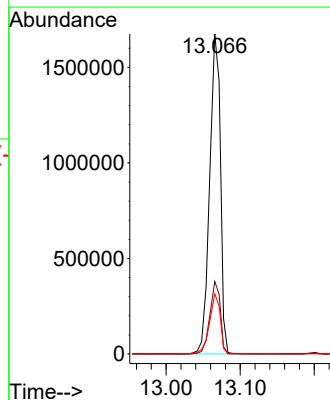
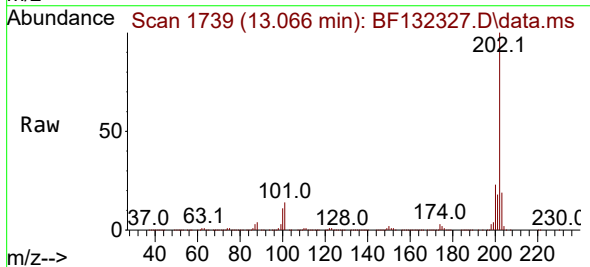
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

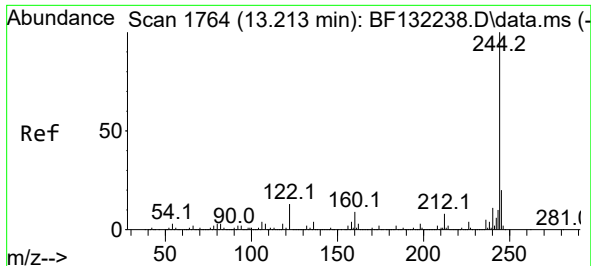
Tgt Ion:184 Resp: 508120
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 11.3 8.9 13.3



#78
Pyrene
Concen: 54.551 ng
RT: 13.066 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:202 Resp: 1688940
Ion Ratio Lower Upper
202 100
200 22.7 17.3 25.9
203 18.8 14.4 21.6

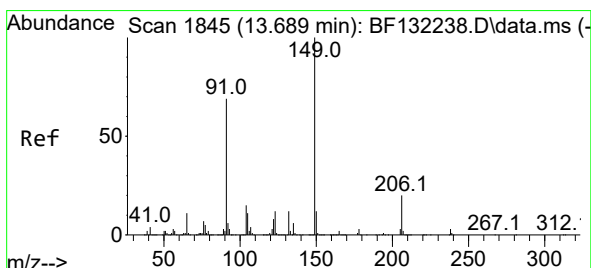
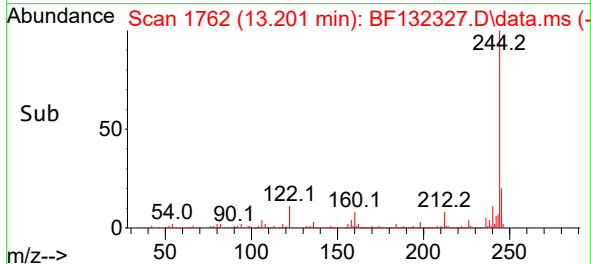
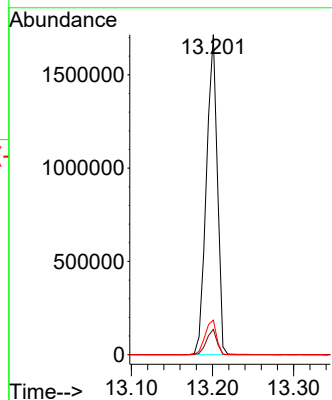
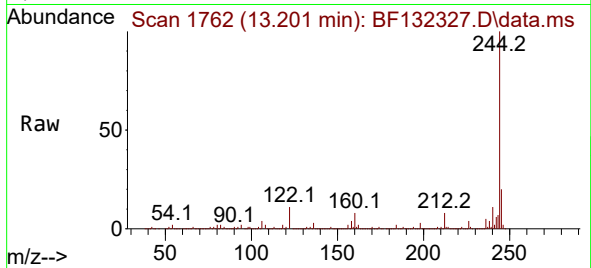




#79
 Terphenyl-d14
 Concen: 80.310 ng
 RT: 13.201 min Scan# 1762
 Delta R.T. 0.000 min
 Lab File: BF132327.D
 Acq: 03 Feb 2023 18:03

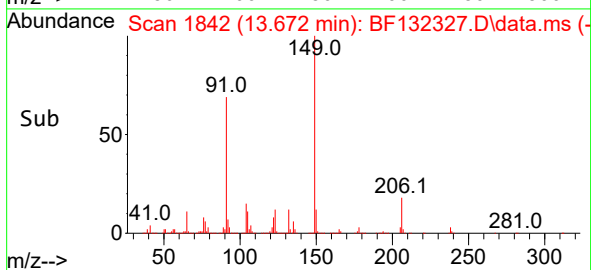
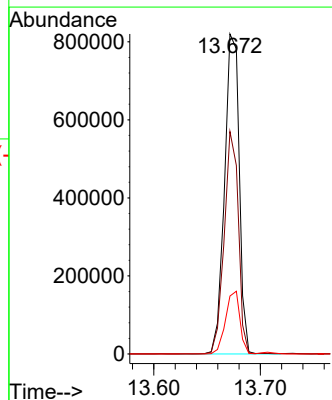
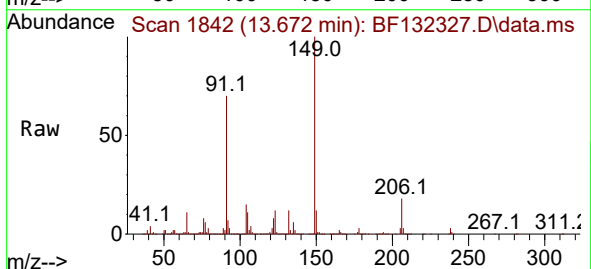
Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMSD

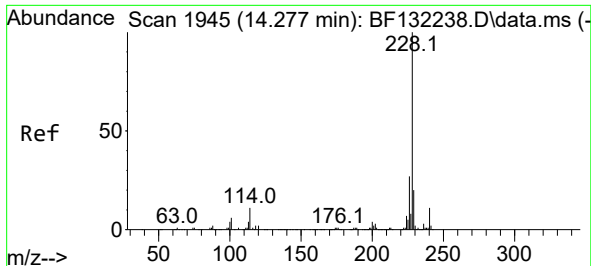
Tgt Ion:244 Resp: 1598114
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 10.8 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 57.380 ng
 RT: 13.672 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132327.D
 Acq: 03 Feb 2023 18:03

Tgt Ion:149 Resp: 784885
 Ion Ratio Lower Upper
 149 100
 91 69.5 55.0 82.6
 206 18.1 15.9 23.9

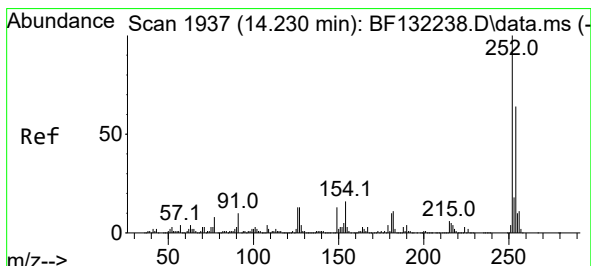
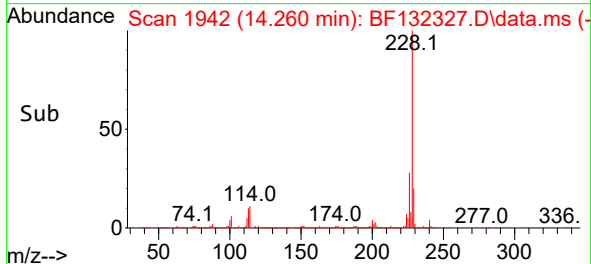
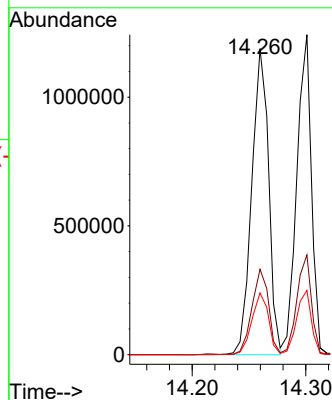
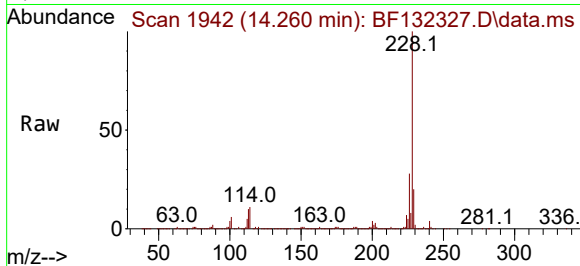




#81
Benzo(a)anthracene
Concen: 45.576 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

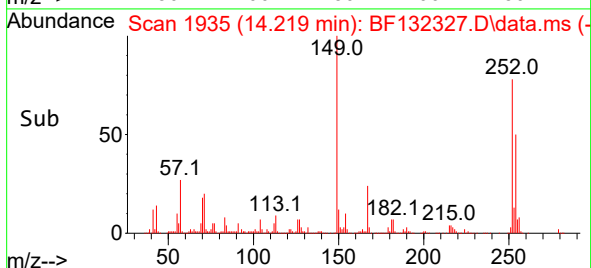
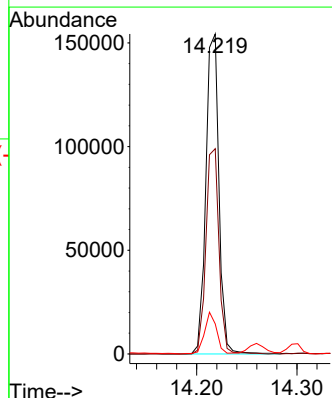
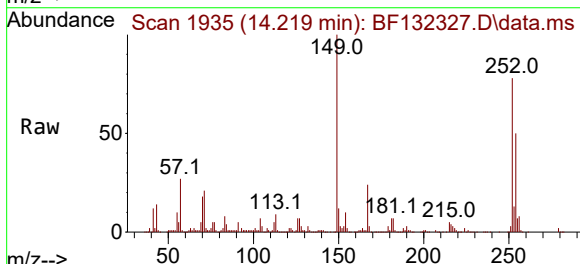
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

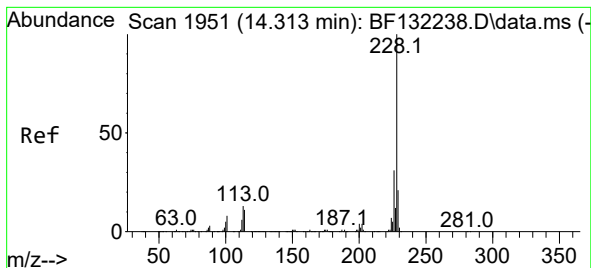
Tgt Ion:228 Resp: 1227033
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 16.410 ng
RT: 14.219 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:252 Resp: 140720
Ion Ratio Lower Upper
252 100
254 64.1 51.6 77.4
126 9.4 10.5 15.7#





#83

Chrysene

Concen: 44.086 ng

RT: 14.301 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

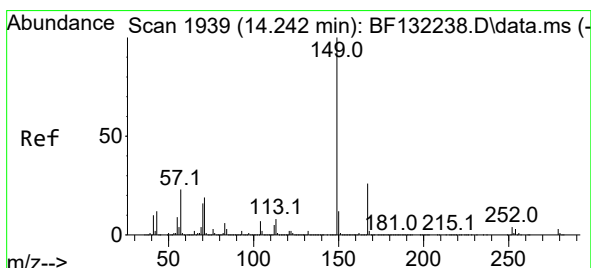
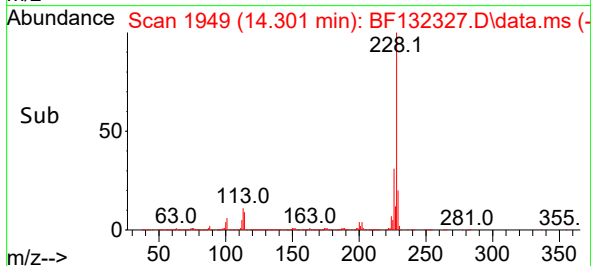
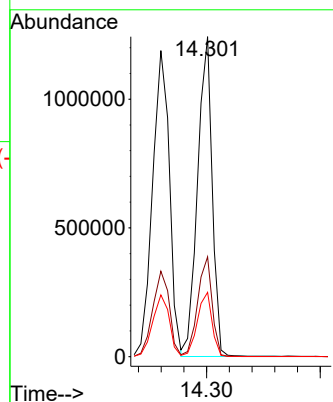
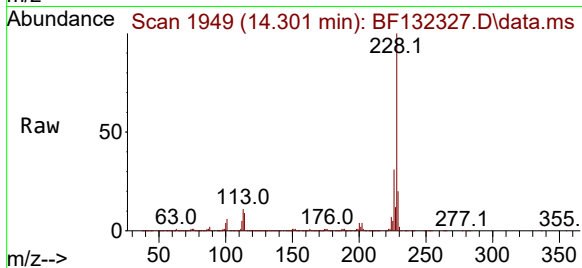
Tgt Ion:228 Resp: 1111416

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 20.1 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.948 ng

RT: 14.230 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

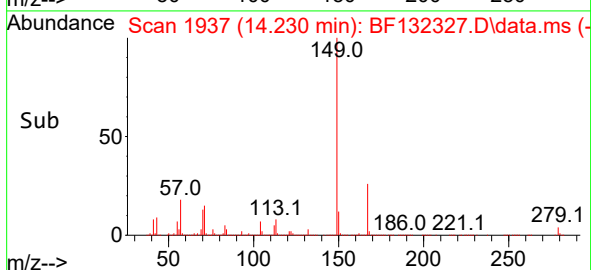
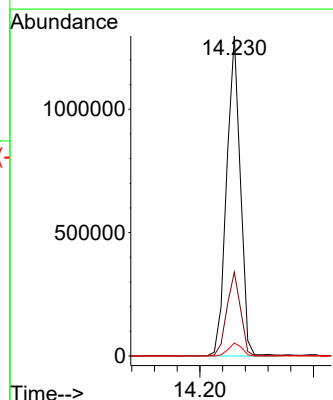
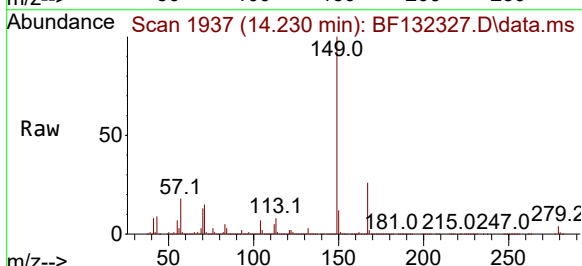
Tgt Ion:149 Resp: 1089898

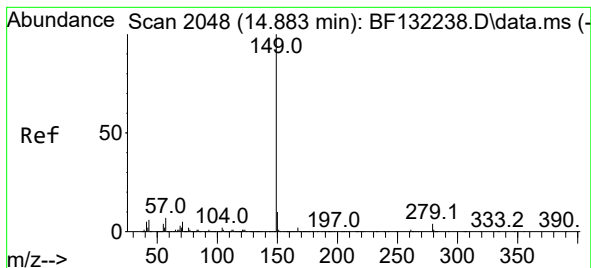
Ion Ratio Lower Upper

149 100

167 26.2 20.7 31.1

279 4.0 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 49.254 ng

RT: 14.866 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

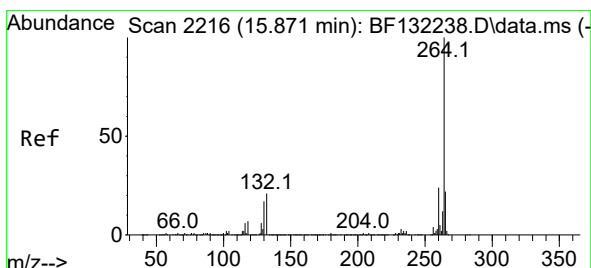
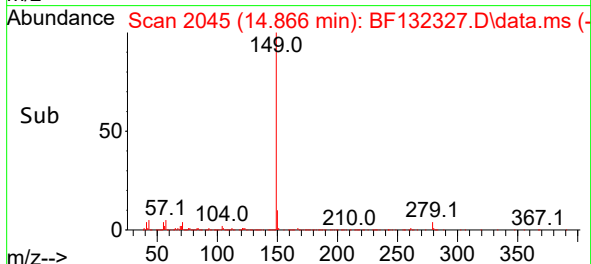
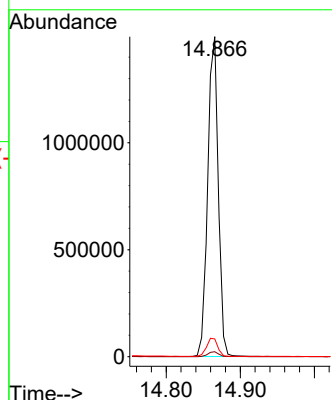
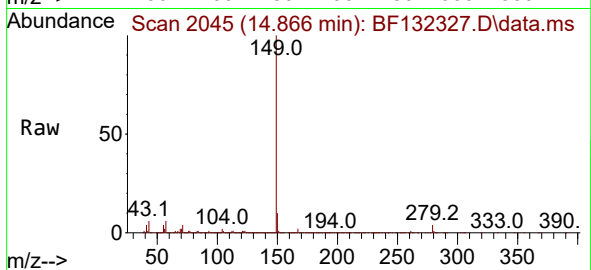
Tgt Ion:149 Resp: 1485357

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 6.0 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.848 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

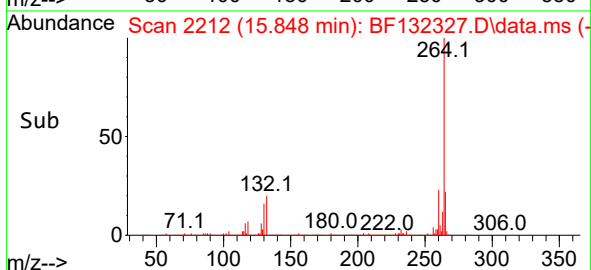
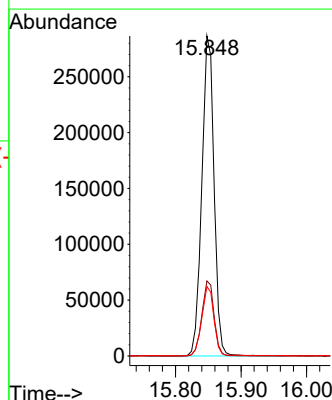
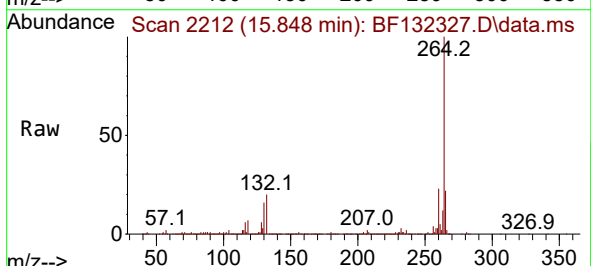
Tgt Ion:264 Resp: 372654

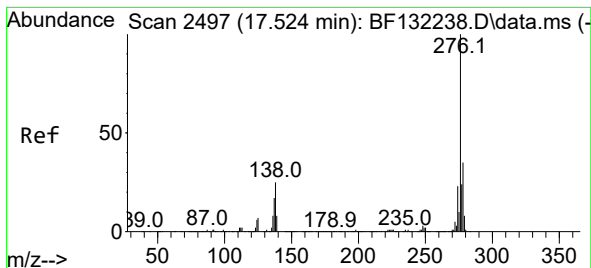
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.656 ng

RT: 17.495 min Scan# 2497

Delta R.T. -0.006 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMSD

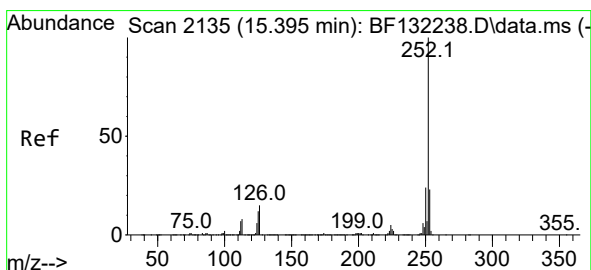
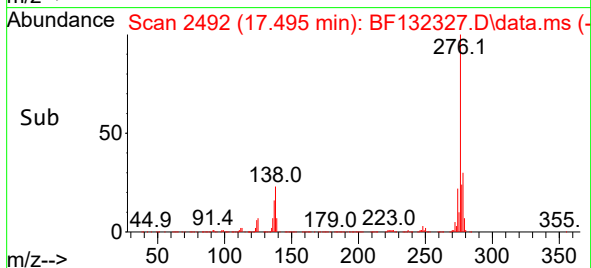
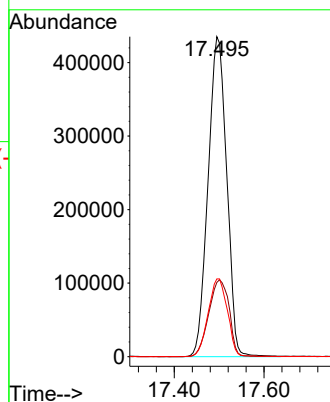
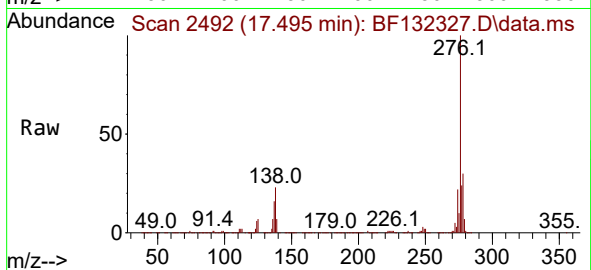
Tgt Ion:276 Resp: 1254322

Ion Ratio Lower Upper

276 100

138 26.3 23.3 34.9

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 46.932 ng

RT: 15.377 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF132327.D

Acq: 03 Feb 2023 18:03

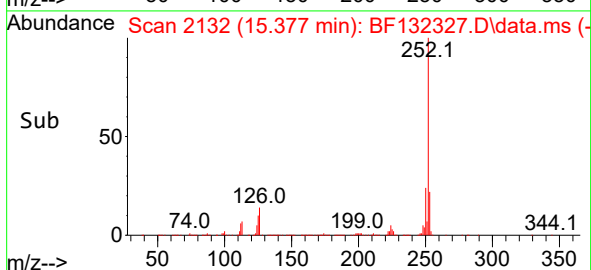
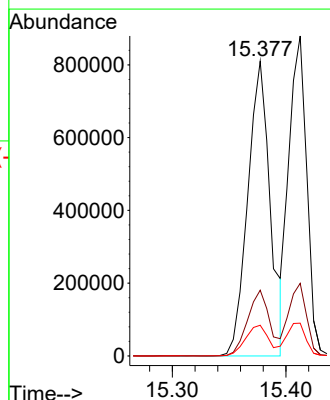
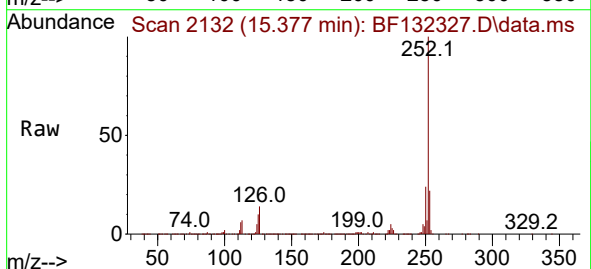
Tgt Ion:252 Resp: 1111704

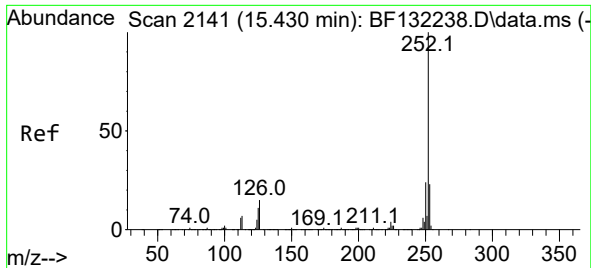
Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 10.4 9.6 14.4

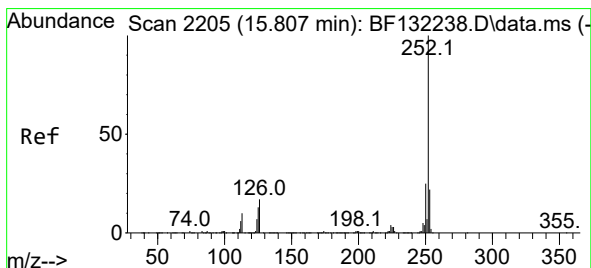
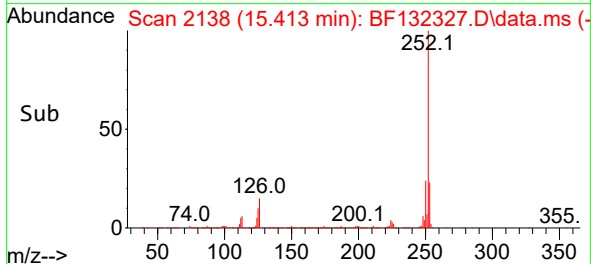
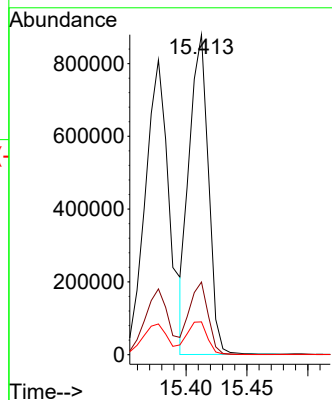
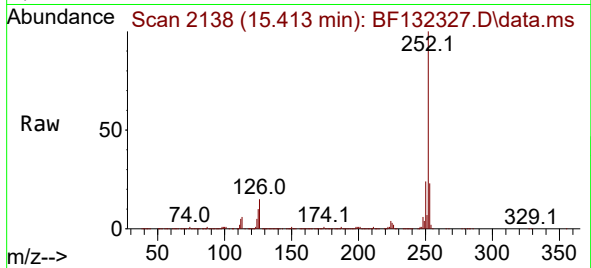




#89
Benzo(k)fluoranthene
Concen: 42.466 ng
RT: 15.413 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

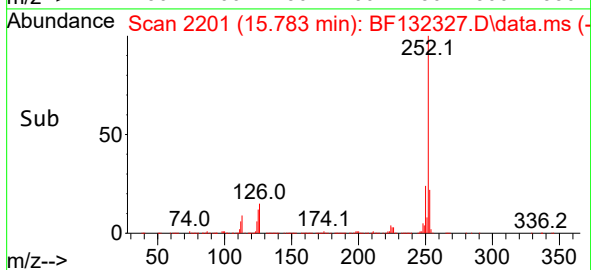
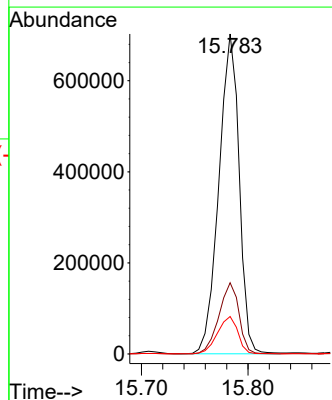
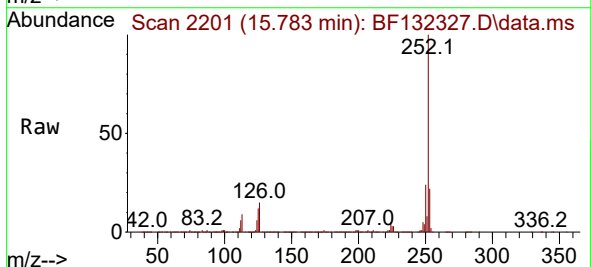
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

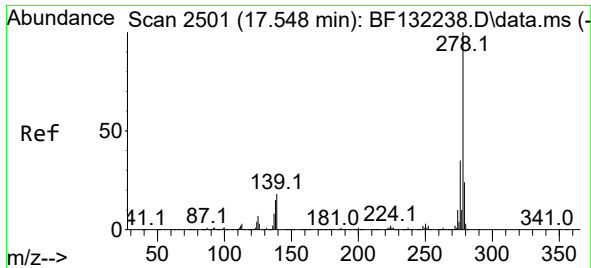
Tgt Ion:252 Resp: 960176
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.3 9.0 13.6



#90
Benzo(a)pyrene
Concen: 41.988 ng
RT: 15.783 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:252 Resp: 926152
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.7 10.2 15.4

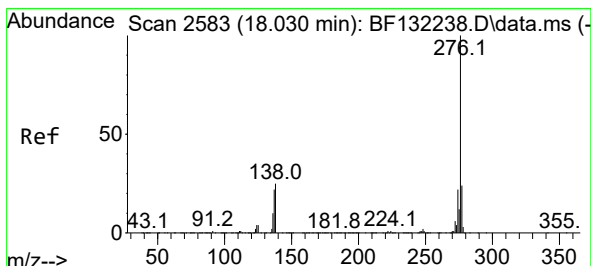
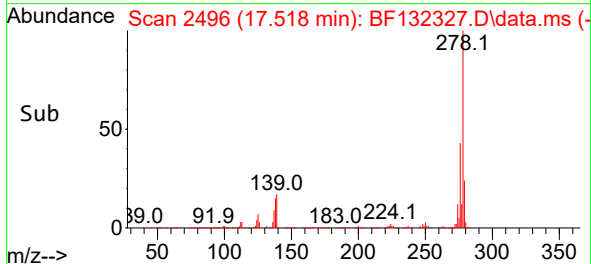
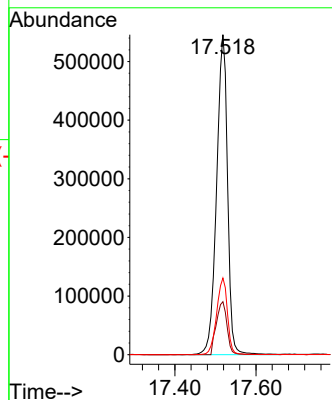
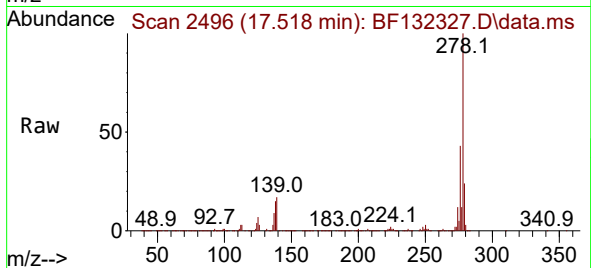




#91
Dibenzo(a,h)anthracene
Concen: 51.173 ng
RT: 17.518 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMSD

Tgt Ion:278 Resp: 1018749
Ion Ratio Lower Upper
278 100
139 16.6 14.2 21.2
279 24.0 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 49.659 ng
RT: 18.001 min Scan# 2578
Delta R.T. -0.006 min
Lab File: BF132327.D
Acq: 03 Feb 2023 18:03

Tgt Ion:276 Resp: 1021336
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 22.6 20.3 30.5

