

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132215.D
 Acq On : 30 Jan 2023 17:28
 Operator : CG\JU
 Sample : 01318-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523

Quant Time: Jan 31 00:31:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

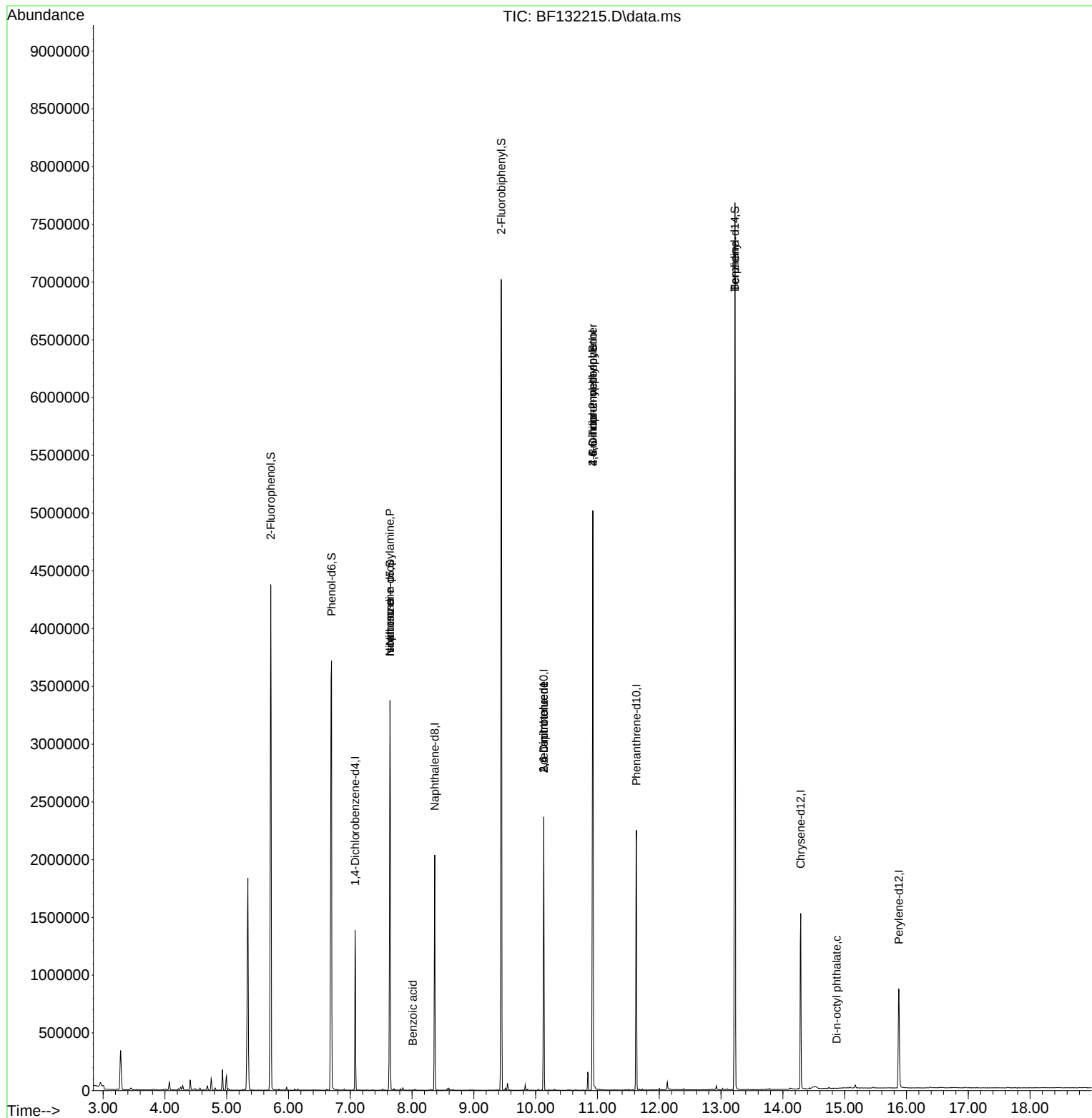
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	211983	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	794756	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	430034	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	851245	20.000	ng	0.00
76) Chrysene-d12	14.289	240	497789	20.000	ng	0.00
86) Perylene-d12	15.877	264	409675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1512101	118.682	ng	0.02
7) Phenol-d6	6.695	99	1735110	108.613	ng	0.00
23) Nitrobenzene-d5	7.642	82	1270818	83.712	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	633754	159.153	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	2253622	77.112	ng	0.00
79) Terphenyl-d14	13.224	244	2954649	93.254	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.642	70	160173	16.658	ng	# 76
25) Isophorone	7.642	82	1270799	43.528	ng	# 67
32) Benzoic acid	8.013	122	537	7.354	ng	# 83
51) 2,6-Dinitrotoluene	10.131	165	56521	9.116	ng	# 22
57) 2,4-Dinitrotoluene	10.131	165	56521	7.405	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.925	198	1619	5.648	ng	# 1
67) 4-Bromophenyl-phenylether	10.925	248	43166	4.405	ng	# 1
77) Benzidine	13.224	184	44173	3.400	ng	# 92
85) Di-n-octyl phthalate	14.871	149	212	5.263	ng	# 1

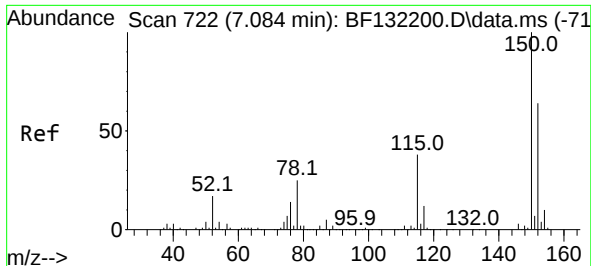
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
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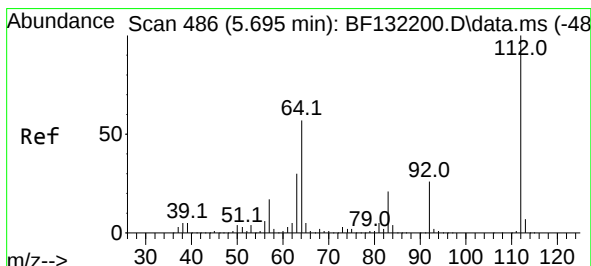
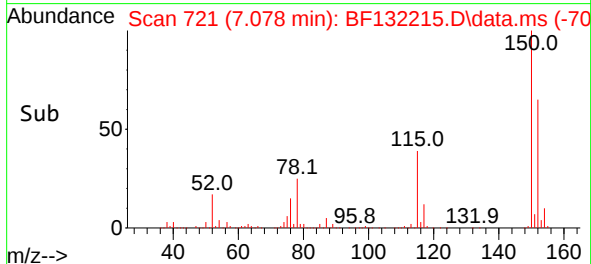
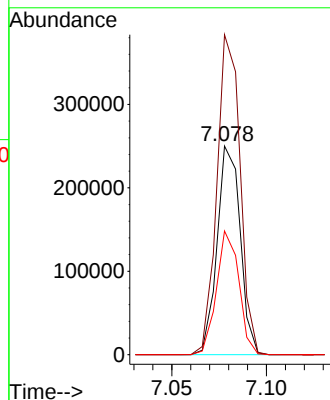
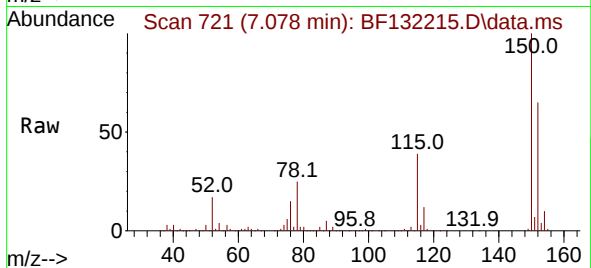




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

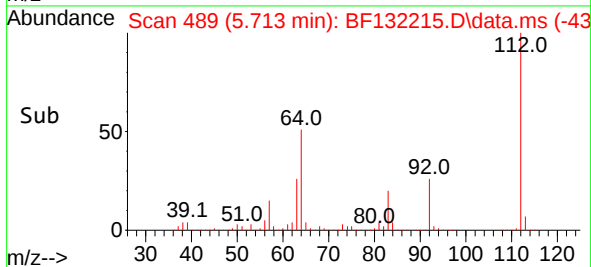
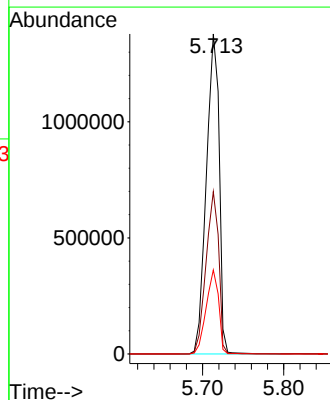
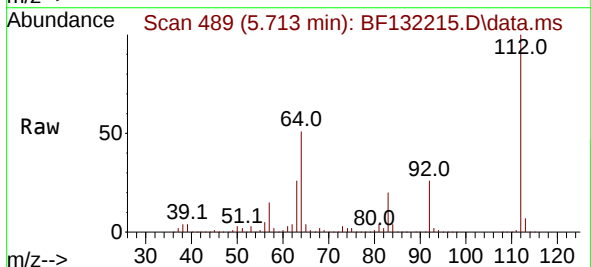
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

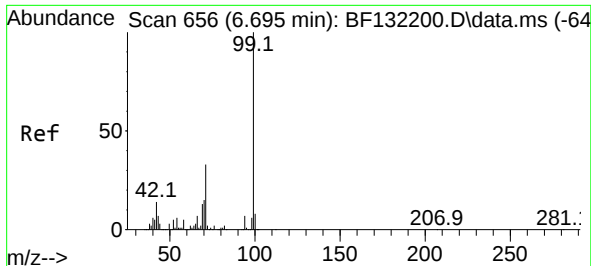
Tgt Ion:152 Resp: 211983
Ion Ratio Lower Upper
152 100
150 153.4 124.5 186.7
115 59.3 47.0 70.6



#5
2-Fluorophenol
Concen: 118.682 ng
RT: 5.713 min Scan# 489
Delta R.T. 0.018 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion:112 Resp: 1512101
Ion Ratio Lower Upper
112 100
64 50.7 45.5 68.3
63 26.2 23.7 35.5

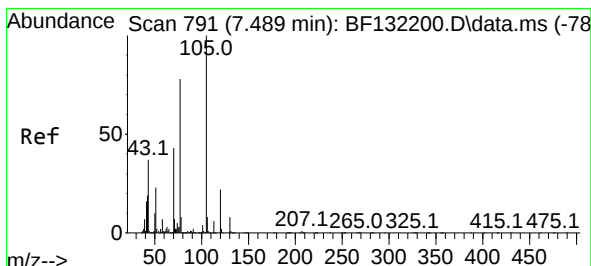
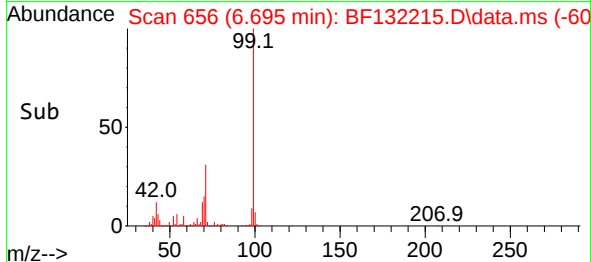
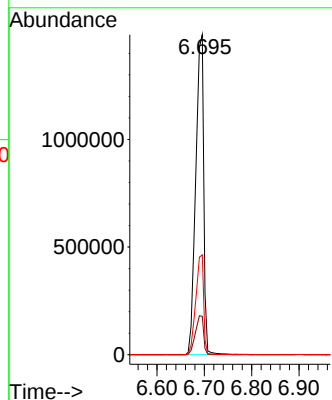
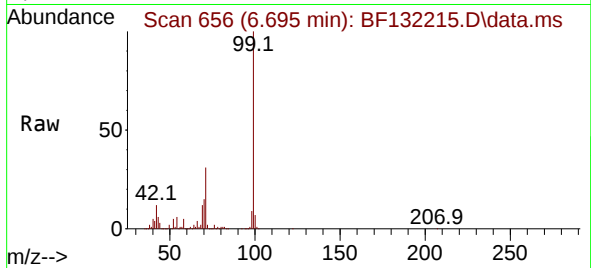




#7
Phenol-d6
Concen: 108.613 ng
RT: 6.695 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

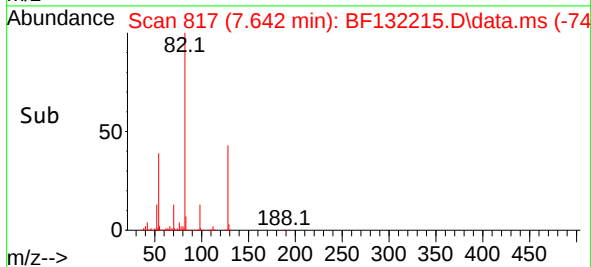
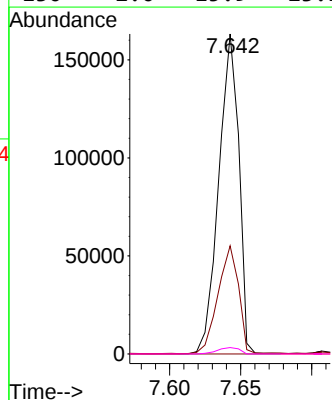
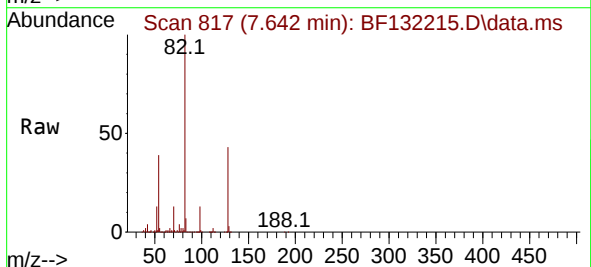
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

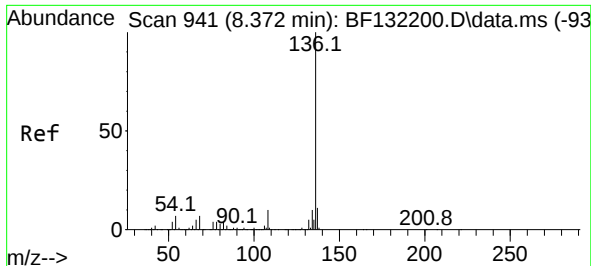
Tgt Ion: 99 Resp: 1735110
Ion Ratio Lower Upper
99 100
42 12.0 11.3 16.9
71 31.2 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.658 ng
RT: 7.642 min Scan# 817
Delta R.T. 0.153 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion: 70 Resp: 160173
Ion Ratio Lower Upper
70 100
42 33.8 36.2 54.4#
101 0.0 7.9 11.9#
130 2.0 15.9 23.9#



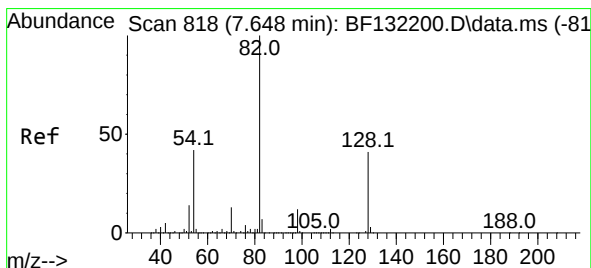
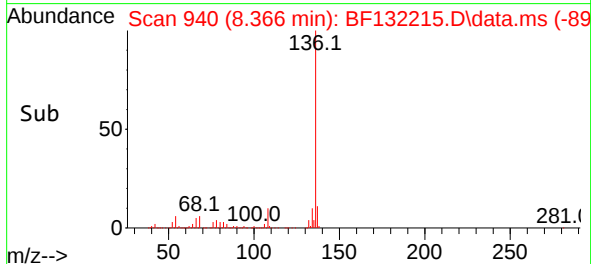
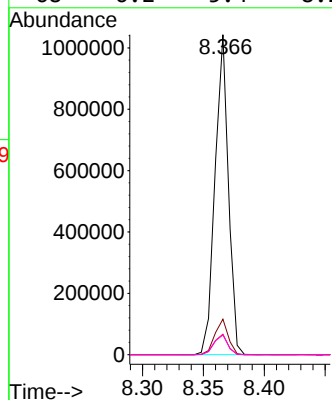
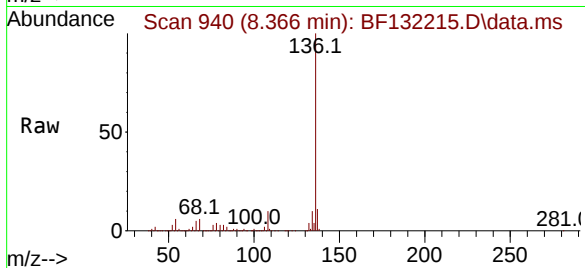


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Tgt Ion:136 Resp: 794756

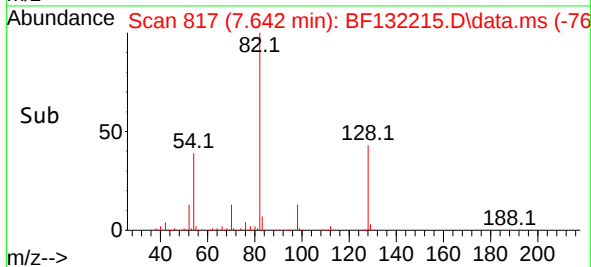
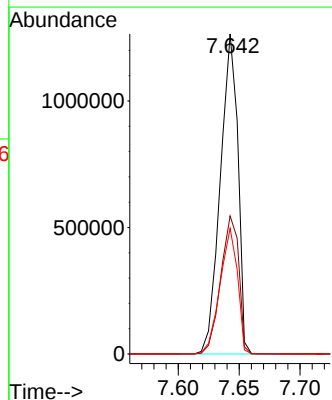
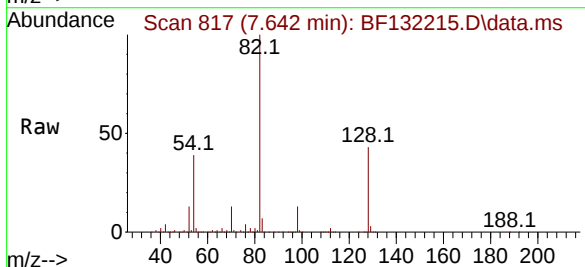
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.4	5.4	8.2
68	6.2	5.4	8.2

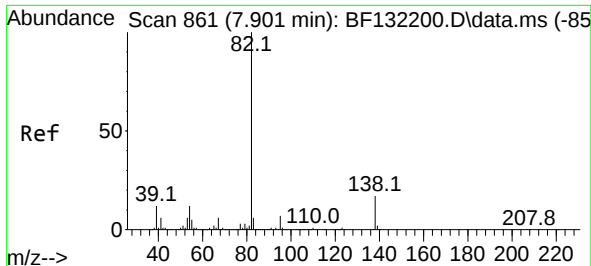


#23
Nitrobenzene-d5
Concen: 83.712 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion: 82 Resp: 1270818

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.7	49.1
54	39.3	33.3	49.9

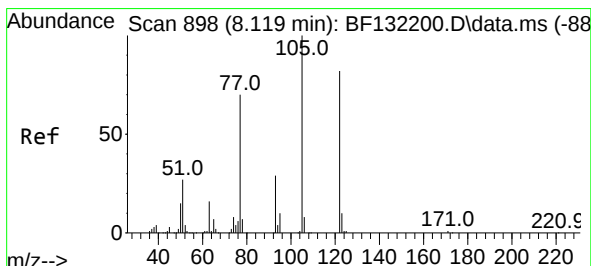
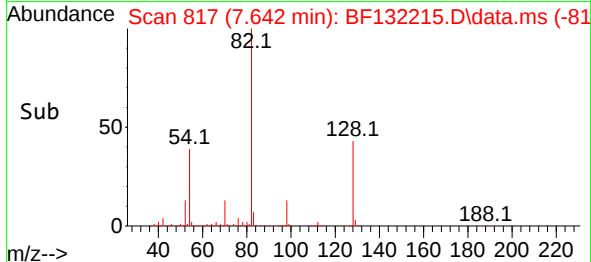
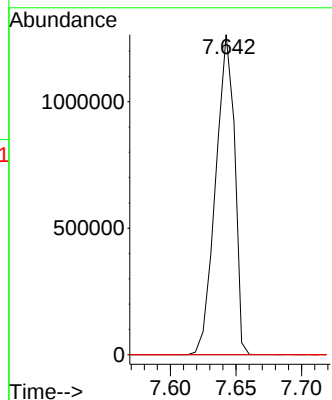
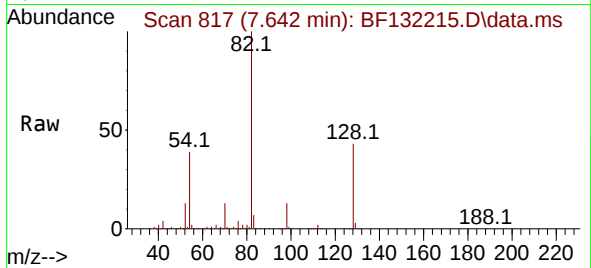




#25
Isophorone
Concen: 43.528 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

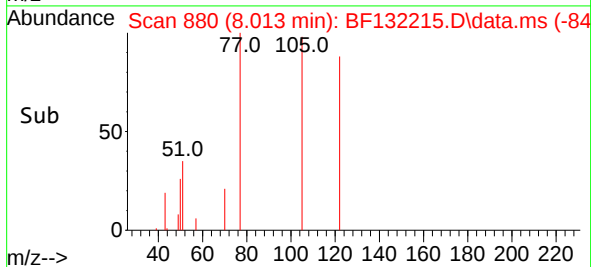
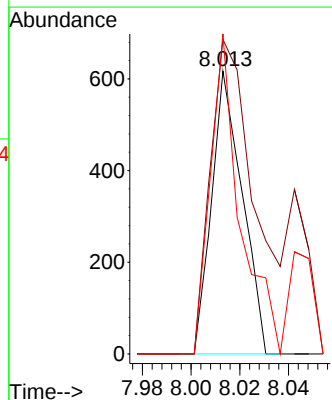
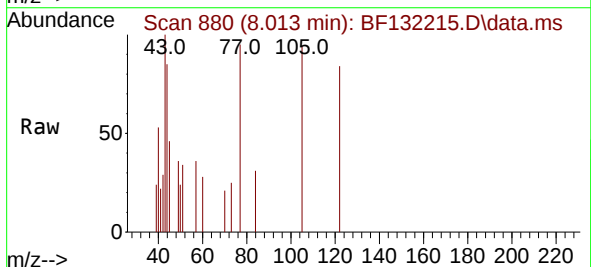
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

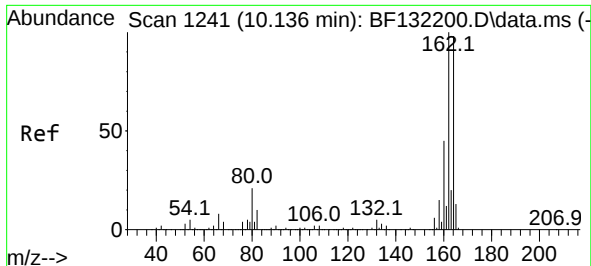
Tgt Ion: 82 Resp: 1270799
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.354 ng
RT: 8.013 min Scan# 880
Delta R.T. -0.106 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion: 122 Resp: 537
Ion Ratio Lower Upper
122 100
105 111.2 101.5 141.5
77 113.1 66.5 106.5#

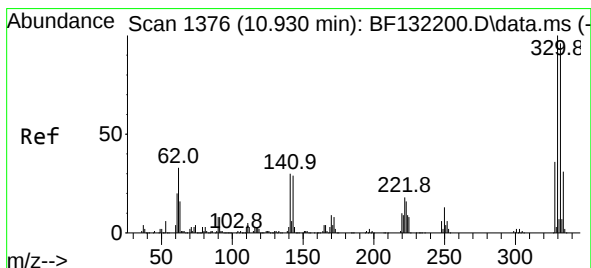
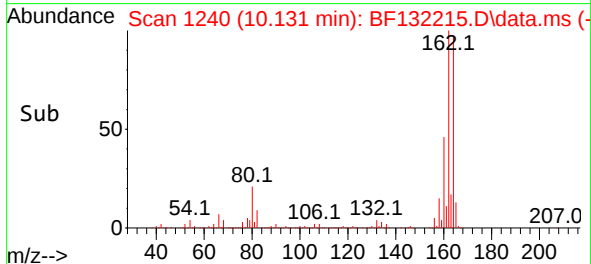
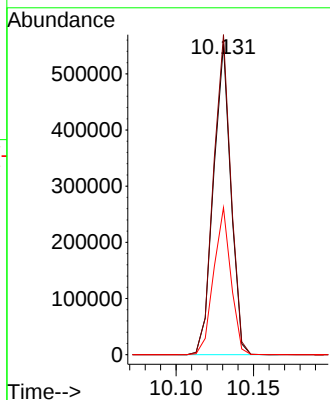
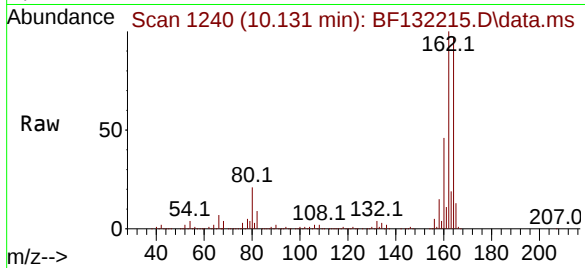




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

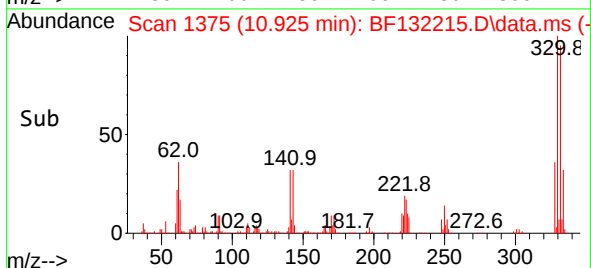
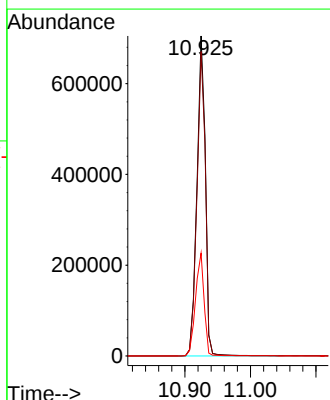
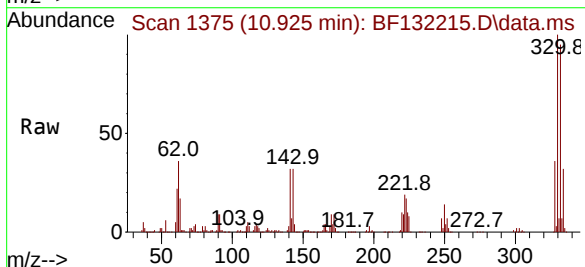
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ClientSampleId :
DR-1-012523

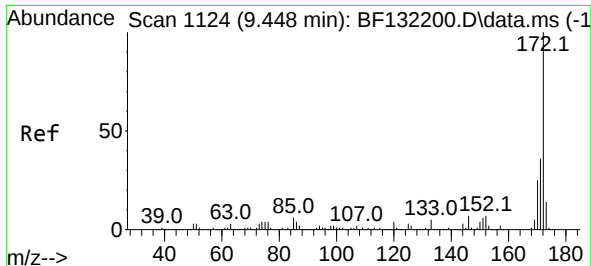
Tgt Ion:164 Resp: 430034
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 47.3 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 159.153 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion:330 Resp: 633754
Ion Ratio Lower Upper
330 100
332 95.9 75.7 113.5
141 32.8 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 77.112 ng

RT: 9.442 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

Instrument :

BNA_F

ClientSampleId :

DR-1-012523

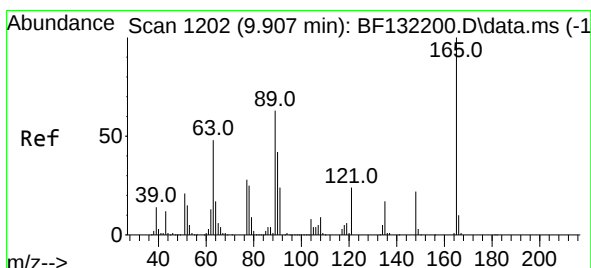
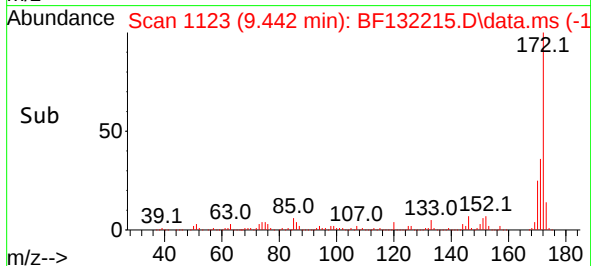
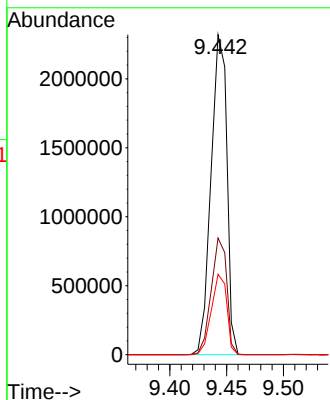
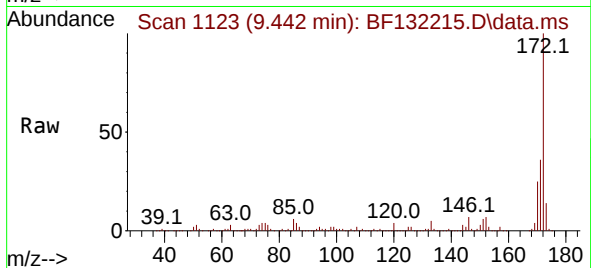
Tgt Ion:172 Resp: 2253622

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 25.1 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 9.116 ng

RT: 10.131 min Scan# 1240

Delta R.T. 0.224 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

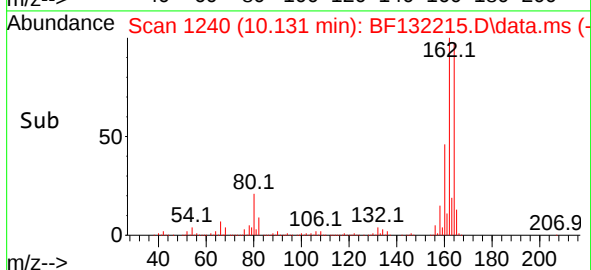
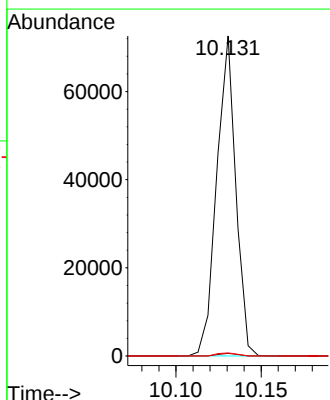
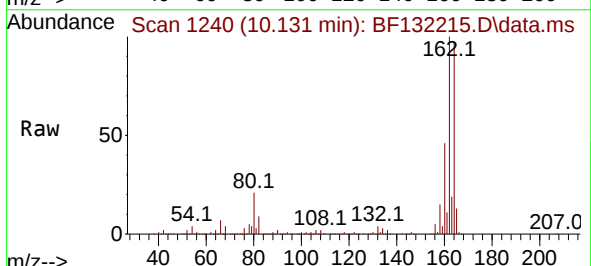
Tgt Ion:165 Resp: 56521

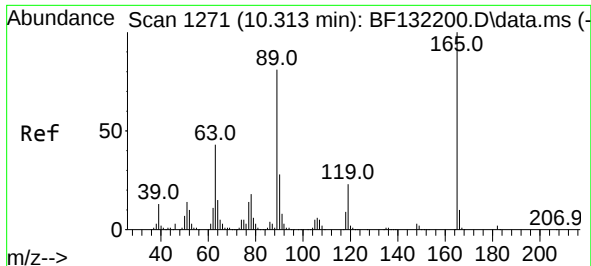
Ion Ratio Lower Upper

165 100

63 0.8 46.1 69.1#

89 0.9 50.3 75.5#

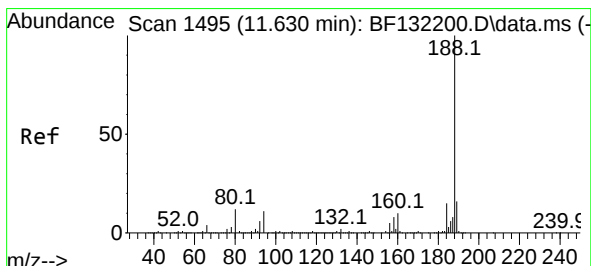
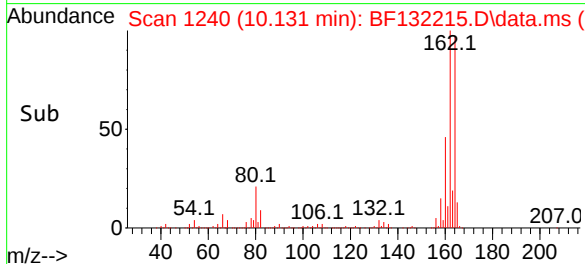
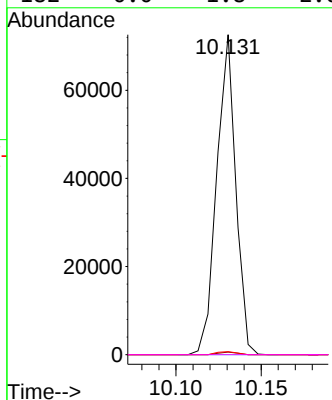
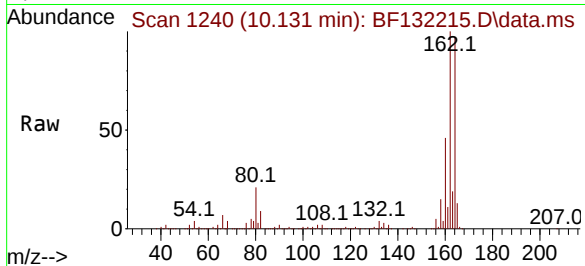




#57
2,4-Dinitrotoluene
Concen: 7.405 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

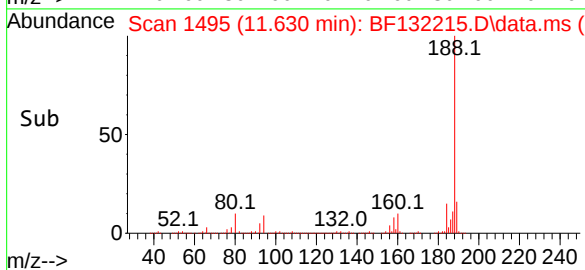
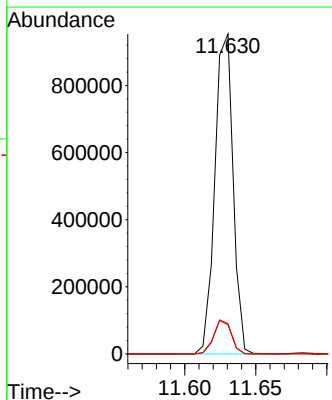
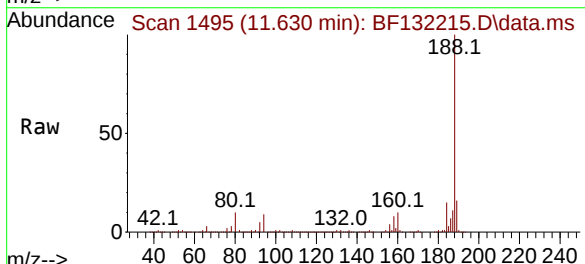
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

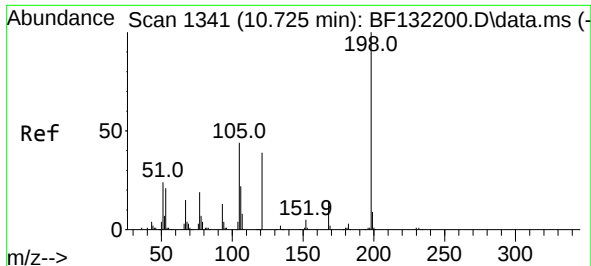
Tgt Ion:165 Resp: 56521
Ion Ratio Lower Upper
165 100
63 0.8 34.2 51.2#
89 0.9 65.1 97.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion:188 Resp: 851245
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.5 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 5.648 ng

RT: 10.925 min Scan# 1375

Delta R.T. 0.200 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

Instrument :

BNA_F

ClientSampleId :

DR-1-012523

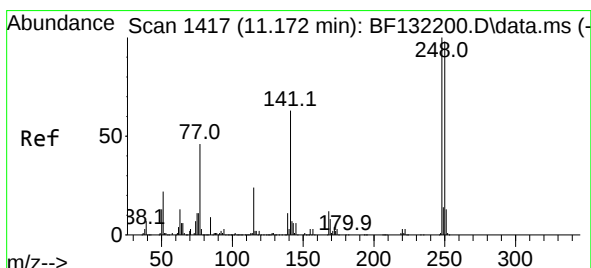
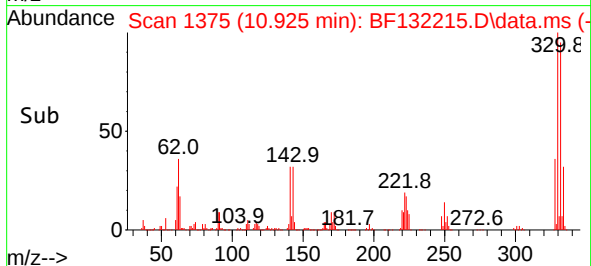
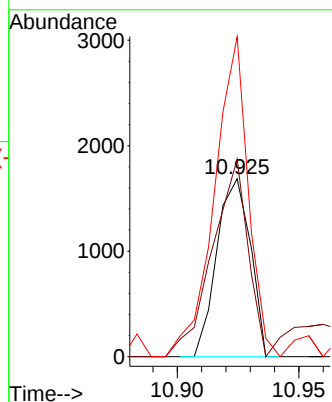
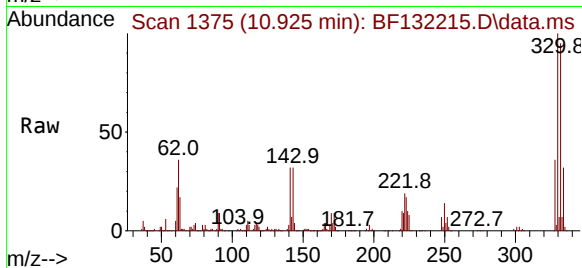
Tgt Ion:198 Resp: 1619

Ion Ratio Lower Upper

198 100

51 111.1 14.9 54.9#

105 179.8 24.2 64.2#



#67

4-Bromophenyl-phenylether

Concen: 4.405 ng

RT: 10.925 min Scan# 1375

Delta R.T. -0.247 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

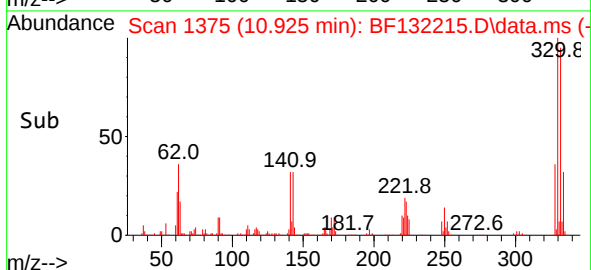
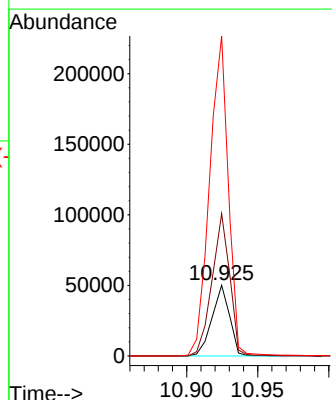
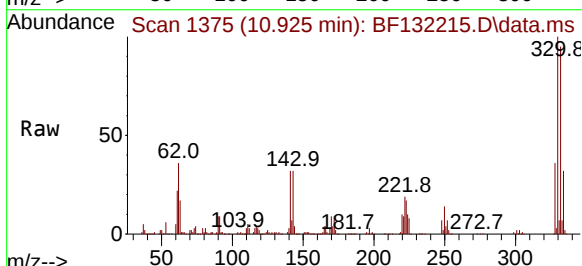
Tgt Ion:248 Resp: 43166

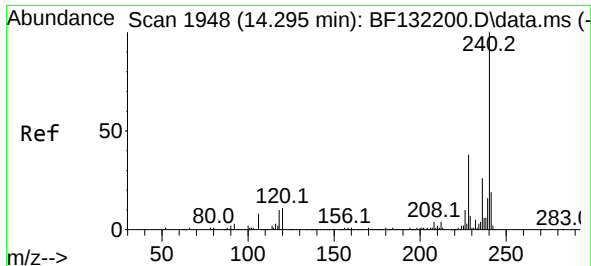
Ion Ratio Lower Upper

248 100

250 201.0 78.5 117.7#

141 452.2 50.2 75.4#

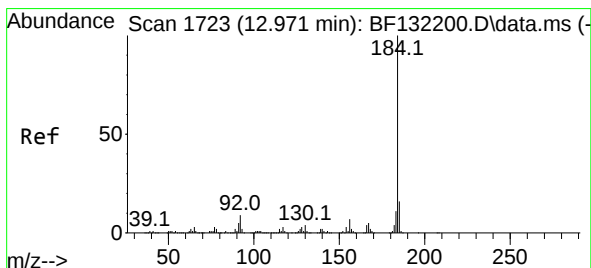
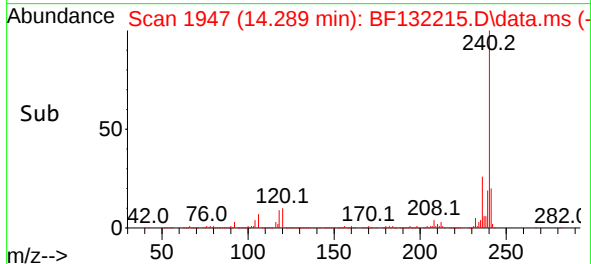
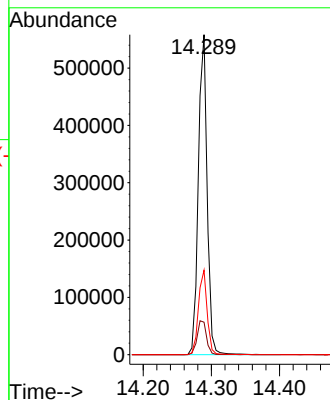
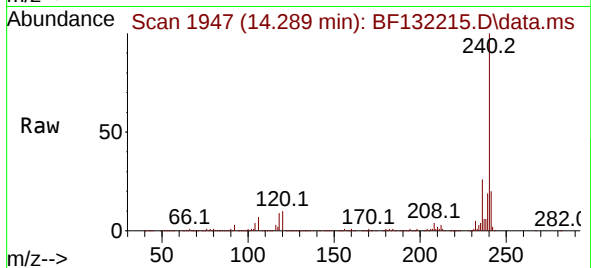




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

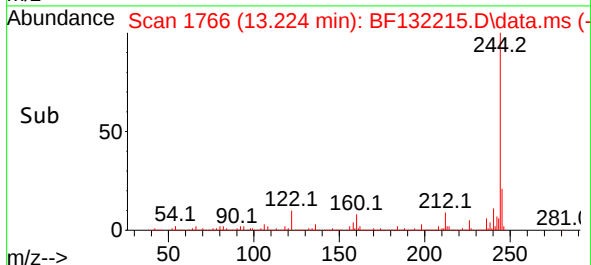
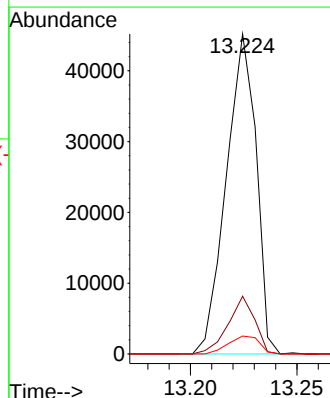
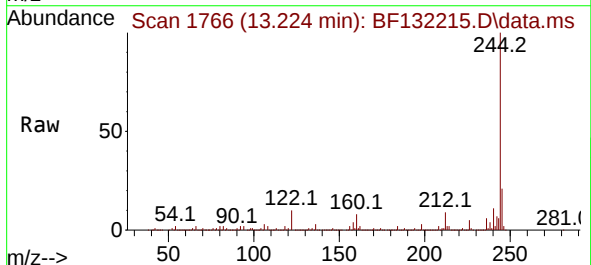
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

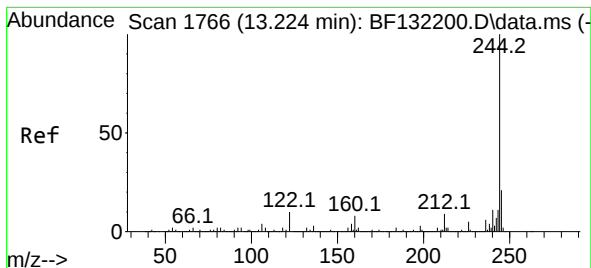
Tgt Ion:240 Resp: 497789
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.400 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.253 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion:184 Resp: 44173
Ion Ratio Lower Upper
184 100
185 18.1 13.2 19.8
183 5.6 8.8 13.2#





#79

Terphenyl-d14

Concen: 93.254 ng

RT: 13.224 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

Instrument :

BNA_F

ClientSampleId :

DR-1-012523

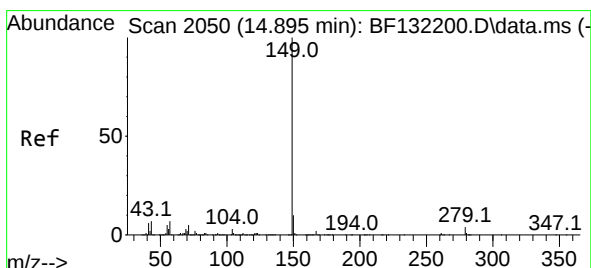
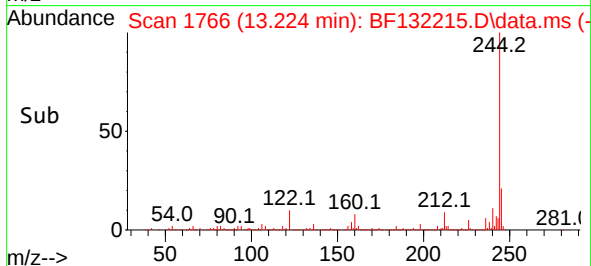
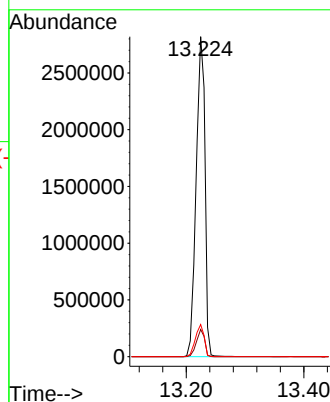
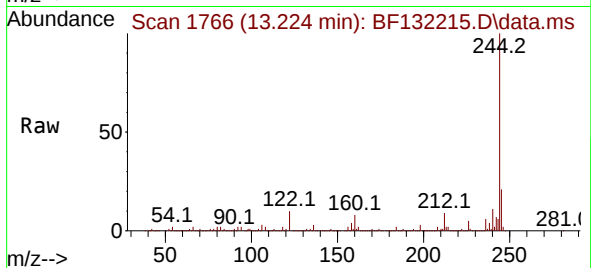
Tgt Ion:244 Resp: 2954649

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

122 10.1 8.3 12.5



#85

Di-n-octyl phthalate

Concen: 5.263 ng

RT: 14.871 min Scan# 2046

Delta R.T. -0.024 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

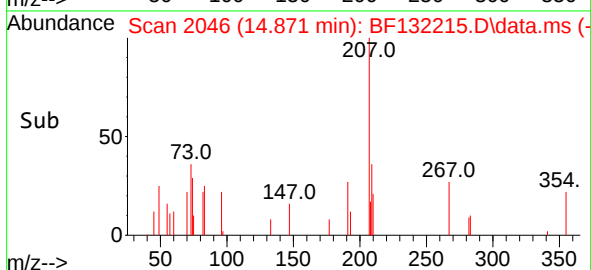
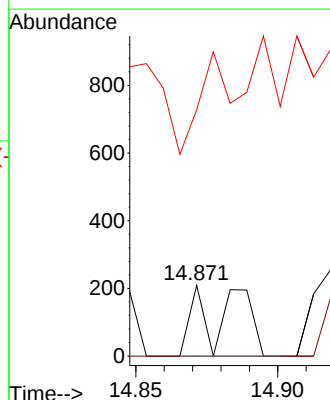
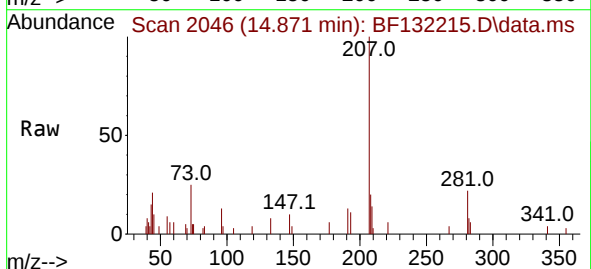
Tgt Ion:149 Resp: 212

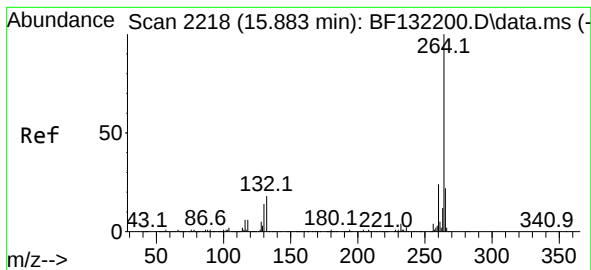
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 97.6 6.6 10.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.877 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Instrument :
BNA_F
ClientSampleId :
DR-1-012523

Tgt Ion:264 Resp: 409675

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.4	17.4	26.2

