

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132175.D
 Acq On : 20 Jan 2023 22:46
 Operator : CG\JU
 Sample : 01232-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P-17A

Quant Time: Jan 21 03:58:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

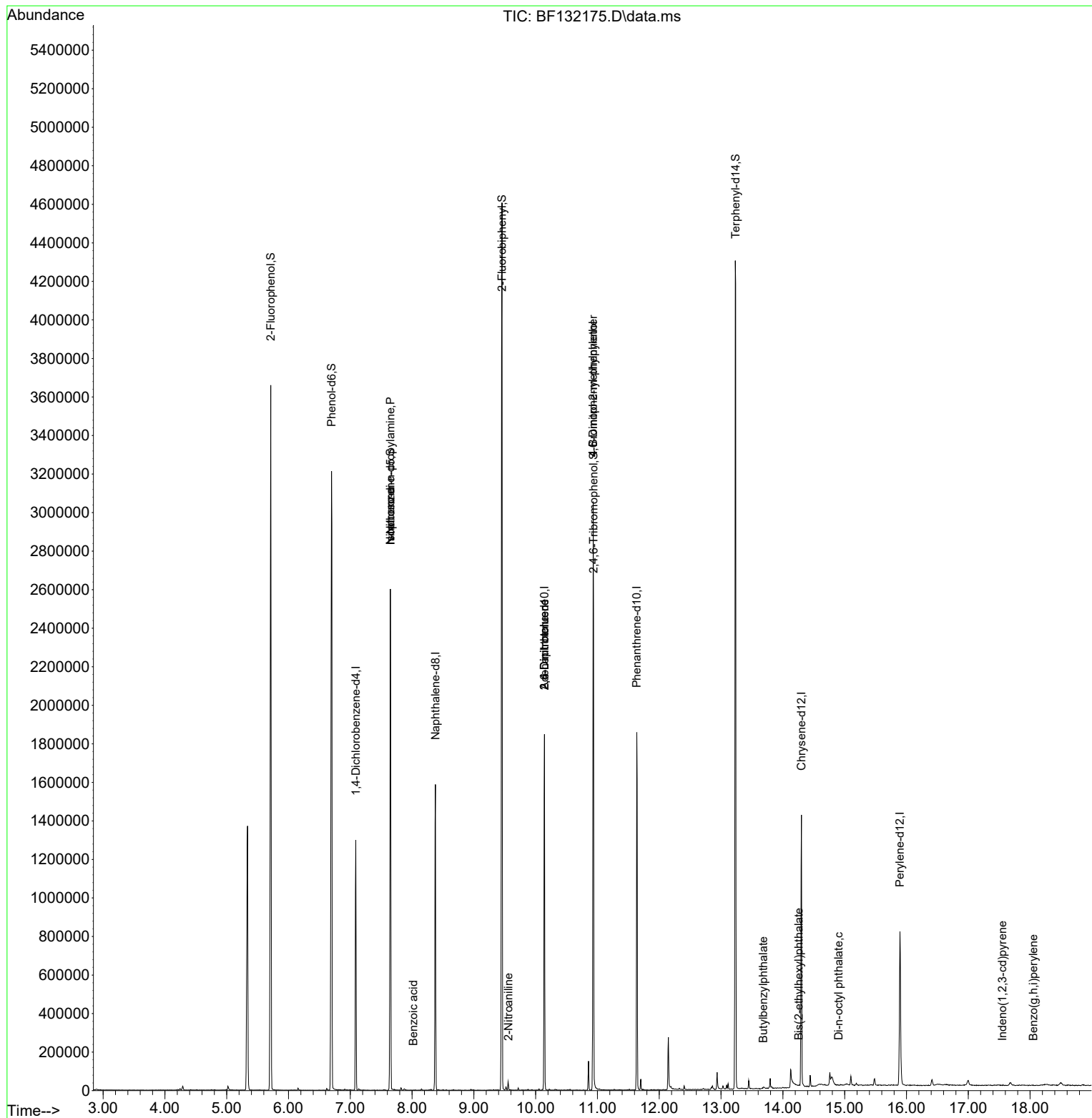
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	179173	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	654165	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	350949	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	681798	20.000	ng	0.00
76) Chrysene-d12	14.301	240	457343	20.000	ng	0.00
86) Perylene-d12	15.895	264	397282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	942833	91.923	ng	0.00
7) Phenol-d6	6.695	99	1228481	95.148	ng	0.00
23) Nitrobenzene-d5	7.648	82	803724	65.268	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	357742	95.432	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1348330	56.140	ng	0.00
79) Terphenyl-d14	13.236	244	1624364	59.496	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.648	70	108262	13.689	ng	# 78
25) Isophorone	7.648	82	803710	33.357	ng	# 67
32) Benzoic acid	8.019	122	98	7.865	ng	# 59
48) 2-Nitroaniline	9.560	65	366	2.585	ng	# 7
51) 2,6-Dinitrotoluene	10.142	165	43842	8.899	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	43842	7.414	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.930	198	952	8.049	ng	# 1
67) 4-Bromophenyl-phenylether	10.930	248	23146	2.785	ng	# 1
80) Butylbenzylphthalate	13.683	149	102	2.928	ng	# 68
84) Bis(2-ethylhexyl)phtha...	14.260	149	1236	3.554	ng	# 95
85) Di-n-octyl phthalate	14.901	149	168	5.343	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.553	276	685	2.358	ng	# 63
92) Benzo(g,h,i)perylene	18.053	276	920	2.330	ng	# 54

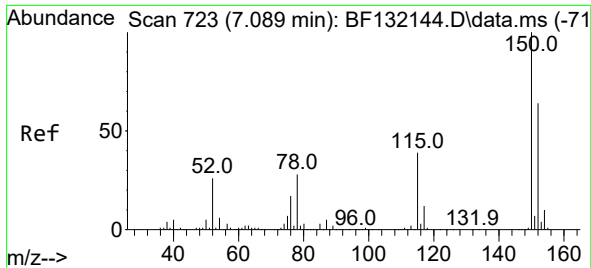
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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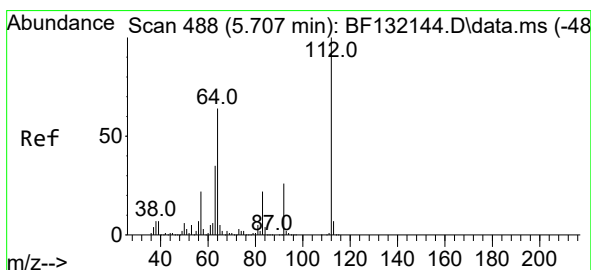
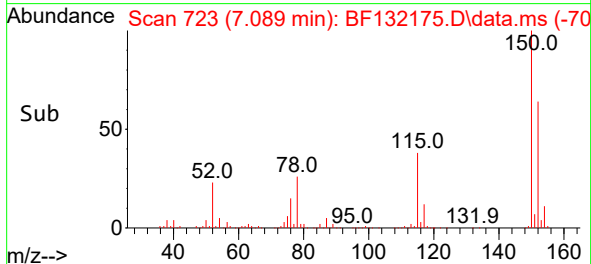
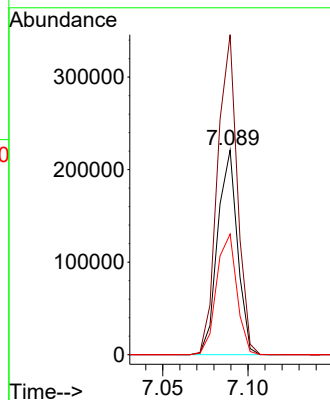
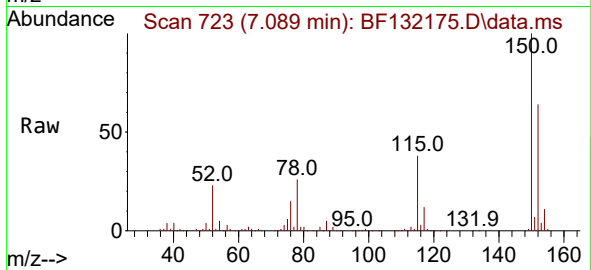




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

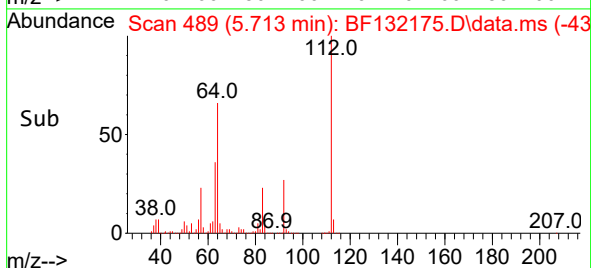
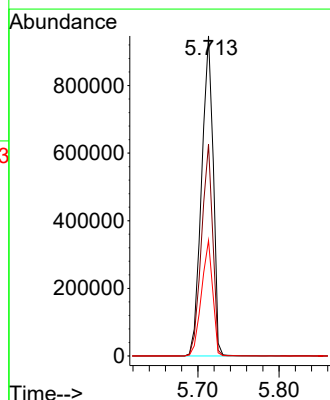
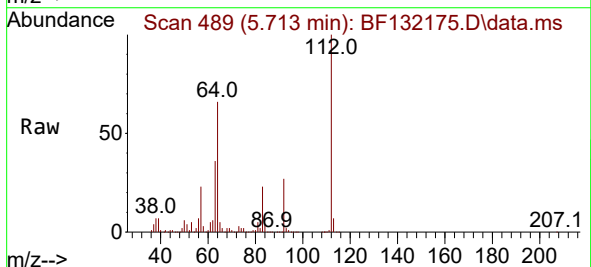
Instrument :
BNA_F
ClientSampleId :
B-P-17A

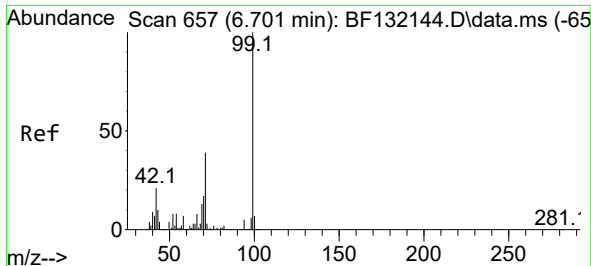
Tgt Ion:152 Resp: 179173
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.8
115 59.0 49.2 73.8



#5
2-Fluorophenol
Concen: 91.923 ng
RT: 5.713 min Scan# 489
Delta R.T. 0.006 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Tgt Ion:112 Resp: 942833
Ion Ratio Lower Upper
112 100
64 66.1 51.4 77.0
63 36.1 28.2 42.2

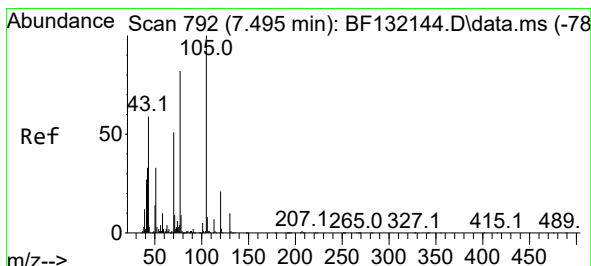
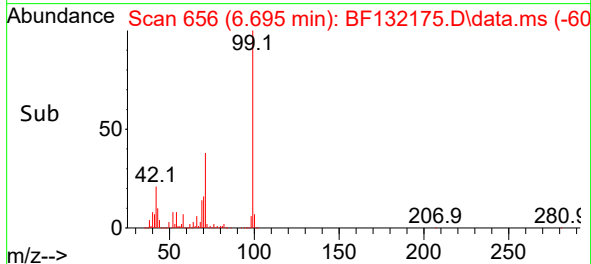
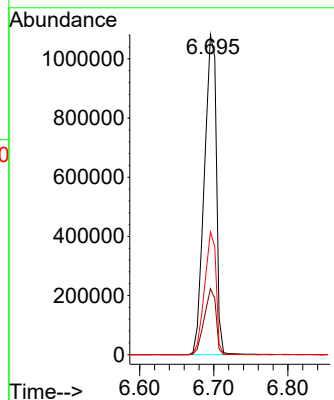
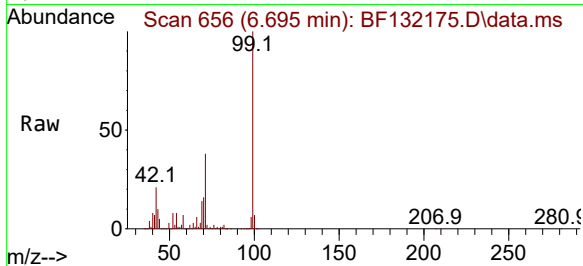




#7
Phenol-d6
Concen: 95.148 ng
RT: 6.695 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

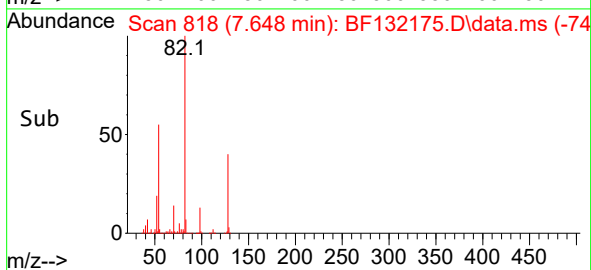
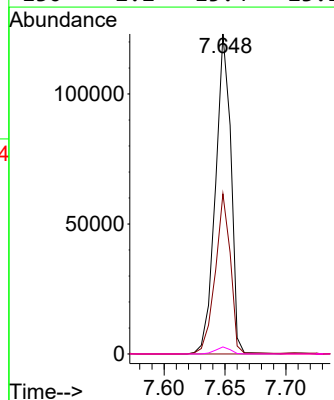
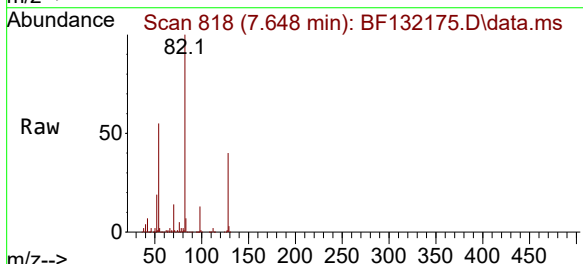
Instrument :
BNA_F
ClientSampleId :
B-P-17A

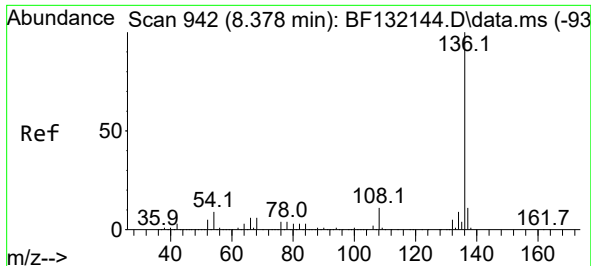
Tgt Ion: 99 Resp: 1228481
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 38.3 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.689 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.153 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

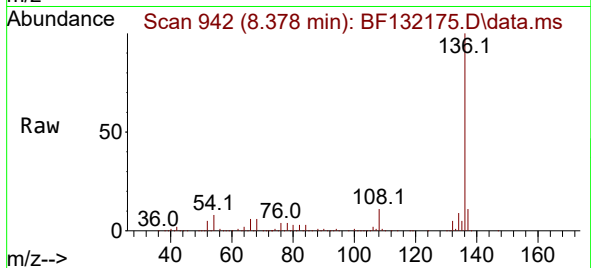
Tgt Ion: 70 Resp: 108262
Ion Ratio Lower Upper
70 100
42 50.0 51.0 76.4#
101 0.0 7.3 10.9#
130 2.2 15.4 23.2#



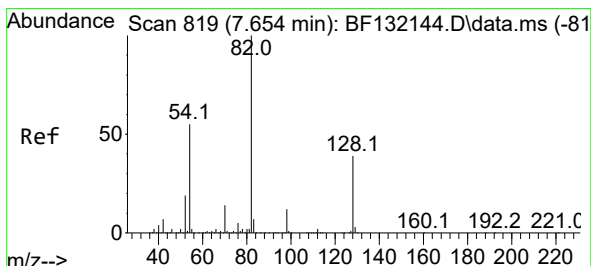
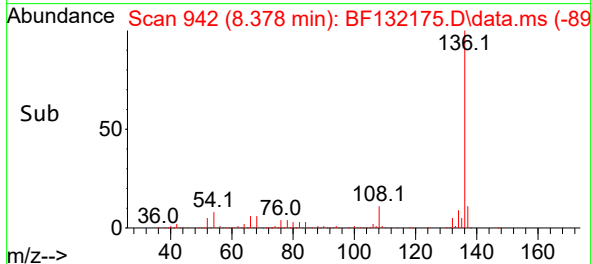
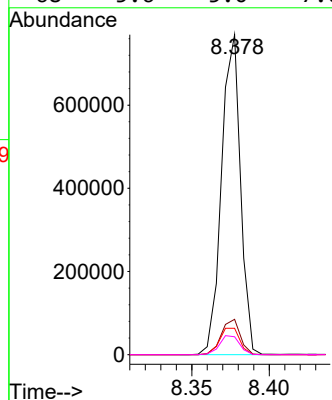


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Instrument :
BNA_F
ClientSampleId :
B-P-17A

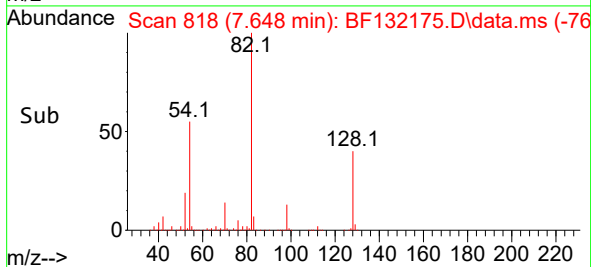
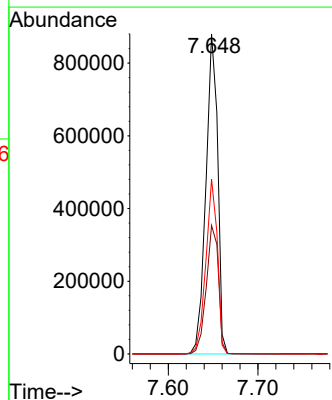
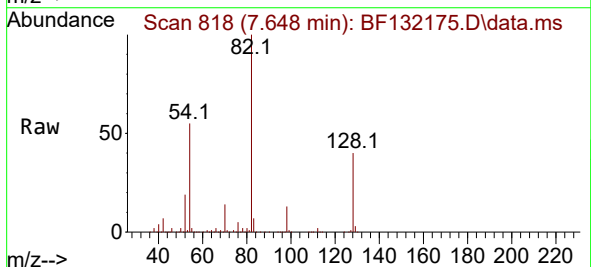


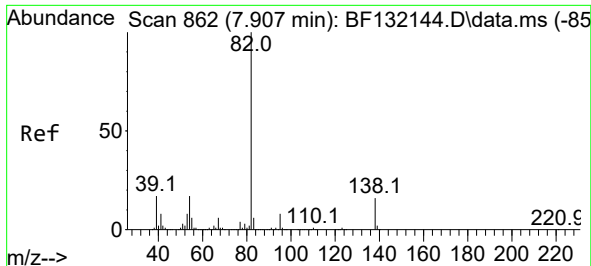
Tgt Ion:136 Resp: 654165
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 7.0 10.6
68 5.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 65.268 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Tgt Ion: 82 Resp: 803724
Ion Ratio Lower Upper
82 100
128 40.2 31.1 46.7
54 54.7 43.9 65.9

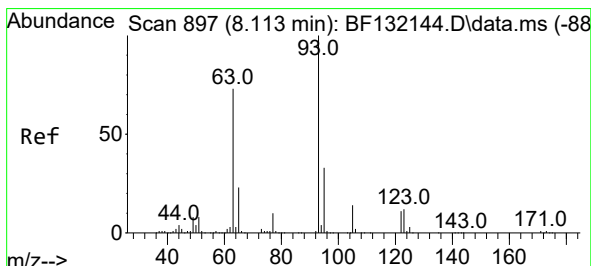
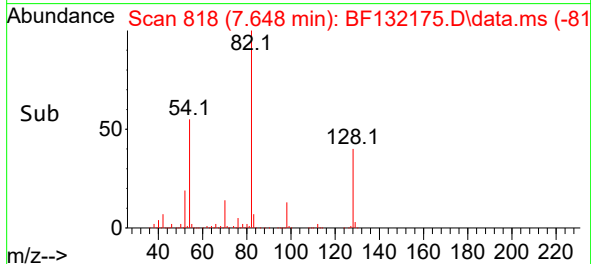
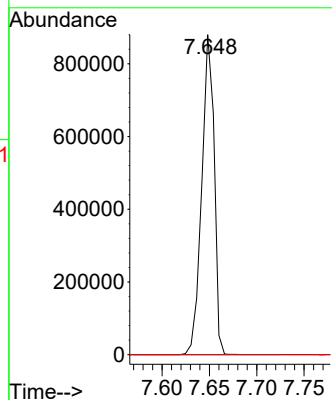
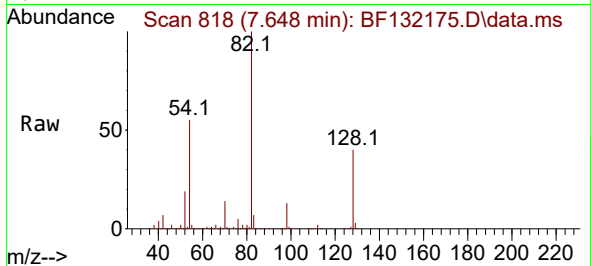




#25
Isophorone
Concen: 33.357 ng
RT: 7.648 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

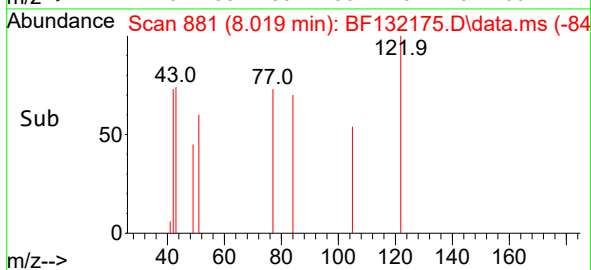
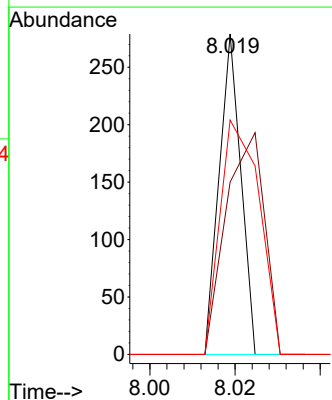
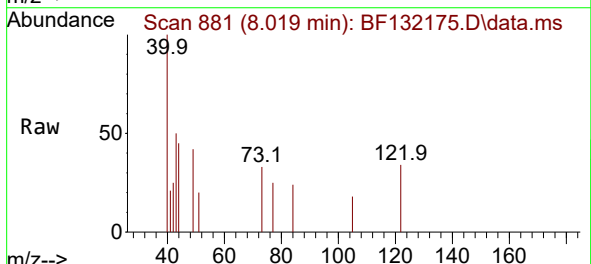
Instrument :
BNA_F
ClientSampleId :
B-P-17A

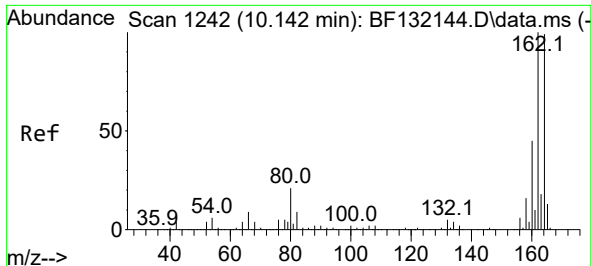
Tgt Ion: 82 Resp: 803710
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.865 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.094 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Tgt Ion:122 Resp: 98
Ion Ratio Lower Upper
122 100
105 53.8 96.8 136.8#
77 73.1 72.5 112.5

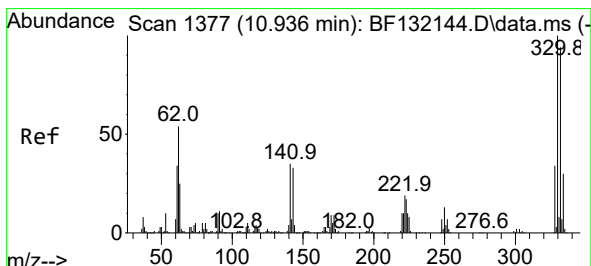
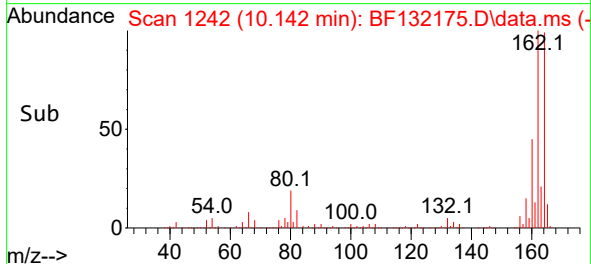
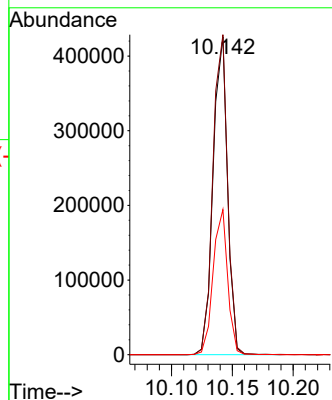
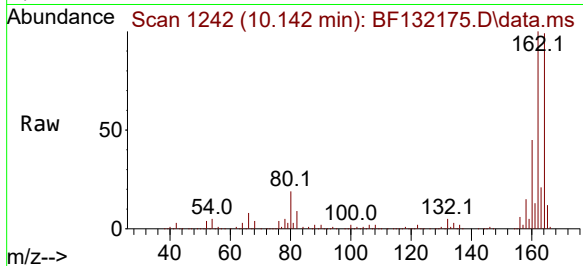




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

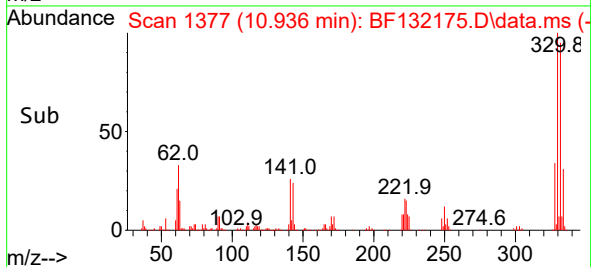
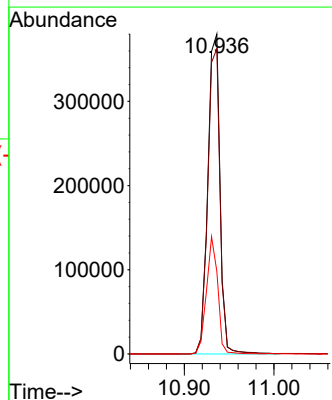
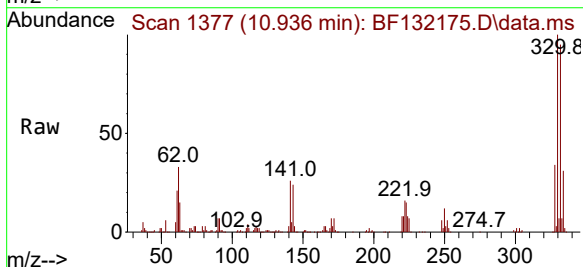
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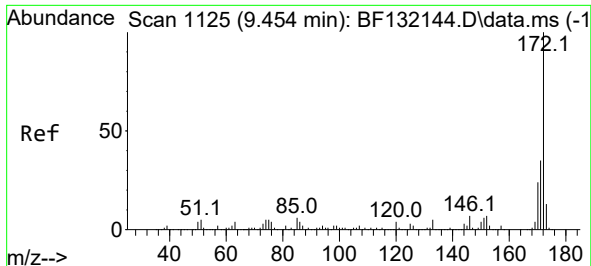
Tgt Ion:164 Resp: 350949
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 45.6 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 95.432 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Tgt Ion:330 Resp: 357742
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 34.0 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 56.140 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

Instrument :

BNA_F

ClientSampleId :

B-P-17A

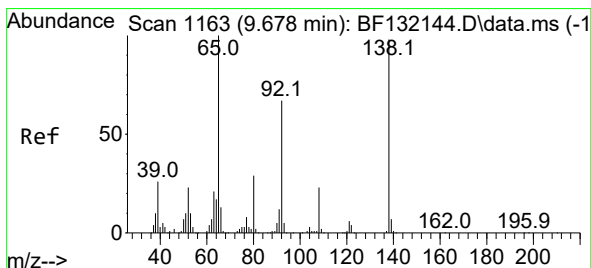
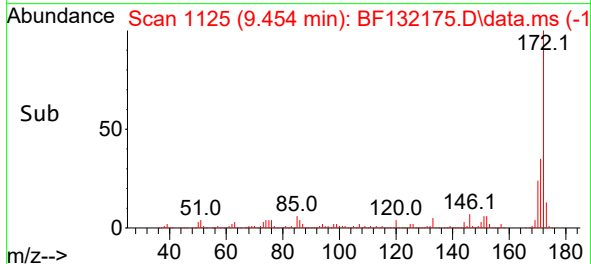
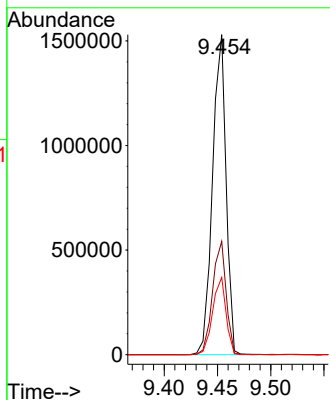
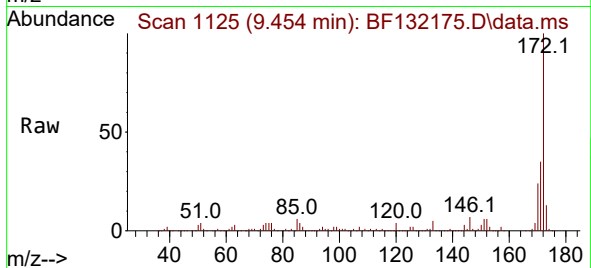
Tgt Ion:172 Resp: 1348330

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.2 19.6 29.4



#48

2-Nitroaniline

Concen: 2.585 ng

RT: 9.560 min Scan# 1143

Delta R.T. -0.118 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

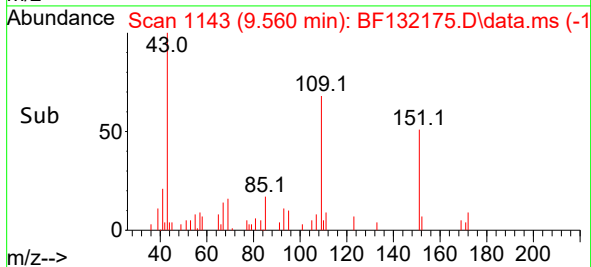
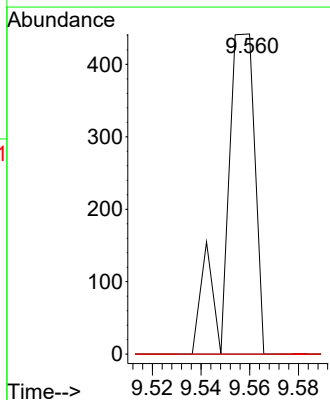
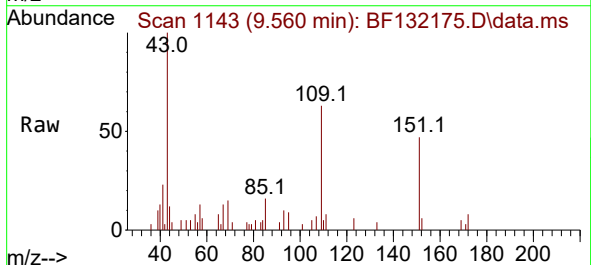
Tgt Ion: 65 Resp: 366

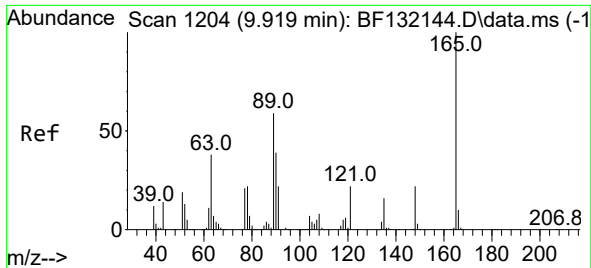
Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.6#

138 0.0 78.7 118.1#

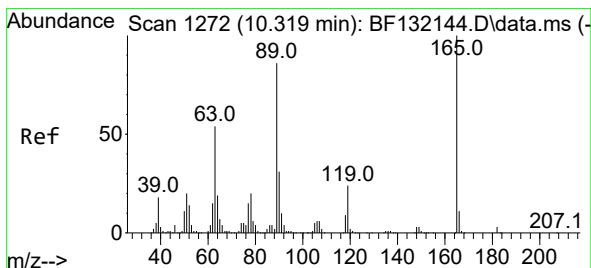
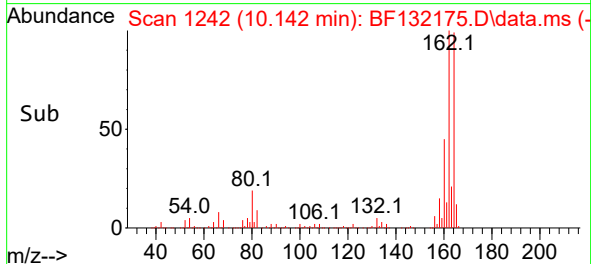
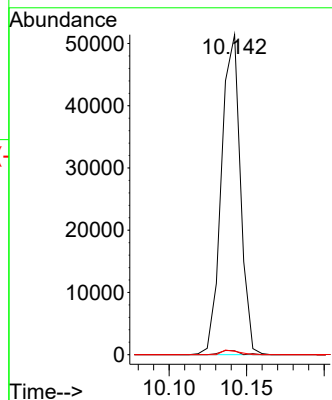
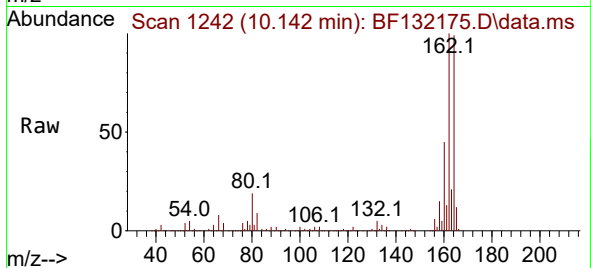




#51
2,6-Dinitrotoluene
Concen: 8.899 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.223 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

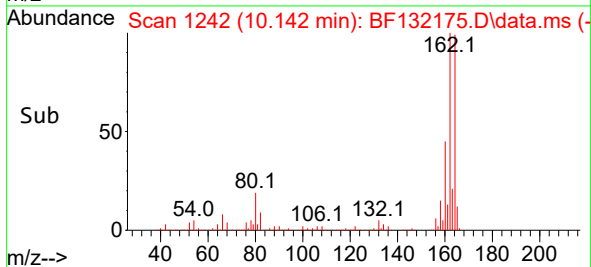
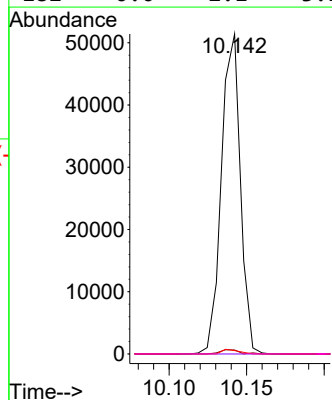
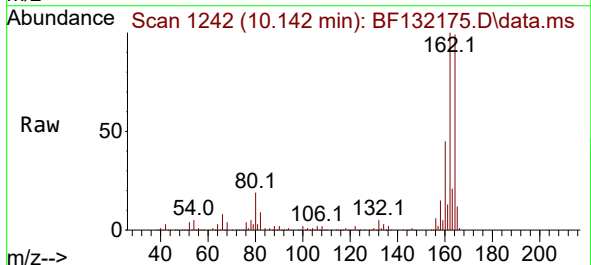
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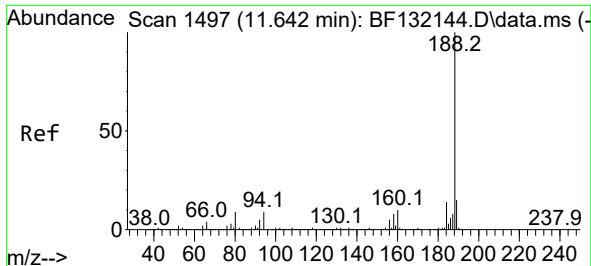
Tgt Ion:165 Resp: 43842
Ion Ratio Lower Upper
165 100
63 1.2 46.6 70.0#
89 1.1 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.414 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Tgt Ion:165 Resp: 43842
Ion Ratio Lower Upper
165 100
63 1.2 43.5 65.3#
89 1.1 69.0 103.6#
182 0.0 2.1 3.1#

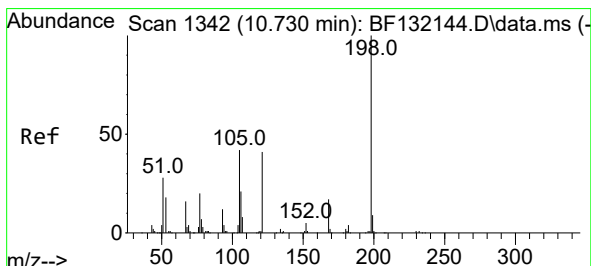
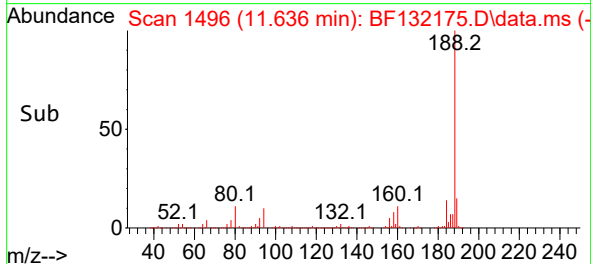
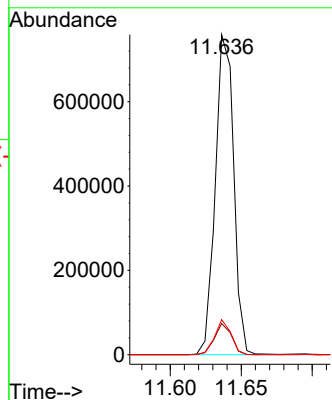
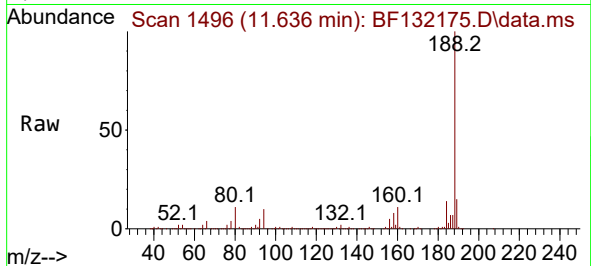




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.636 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

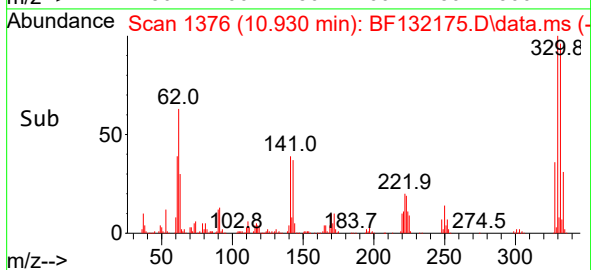
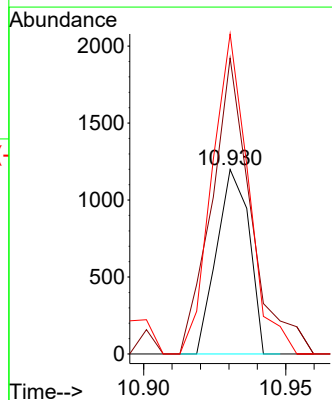
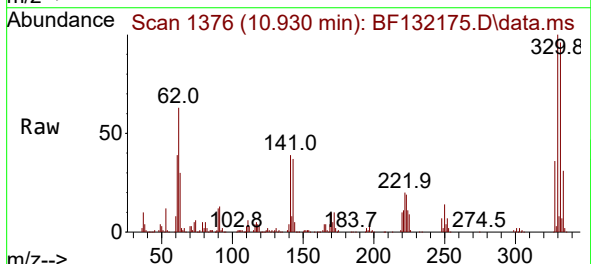
Instrument :
BNA_F
ClientSampleId :
B-P-17A

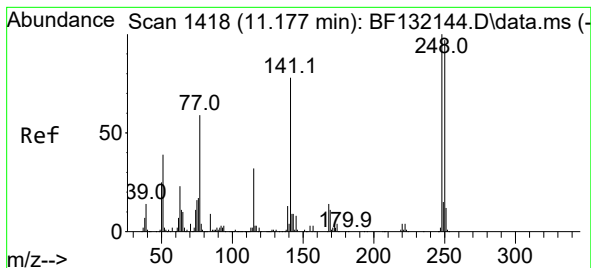
Tgt Ion:188 Resp: 681798
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 11.0 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.049 ng
RT: 10.930 min Scan# 1376
Delta R.T. 0.200 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Tgt Ion:198 Resp: 952
Ion Ratio Lower Upper
198 100
51 160.4 24.3 64.3#
105 173.4 23.3 63.3#

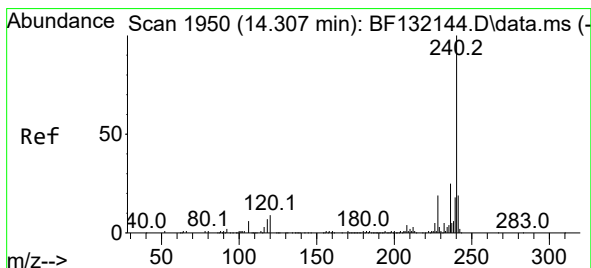
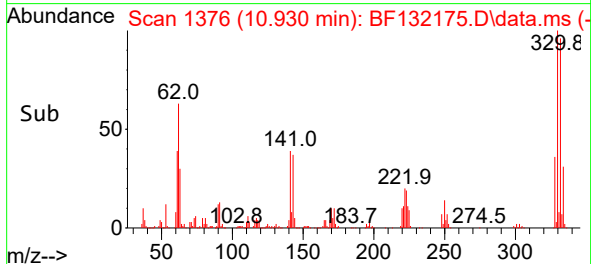
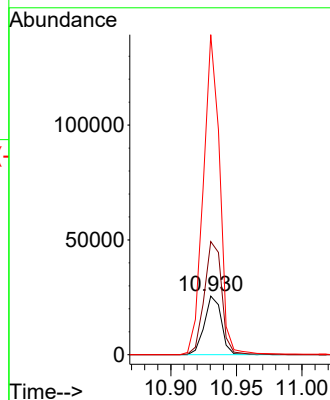
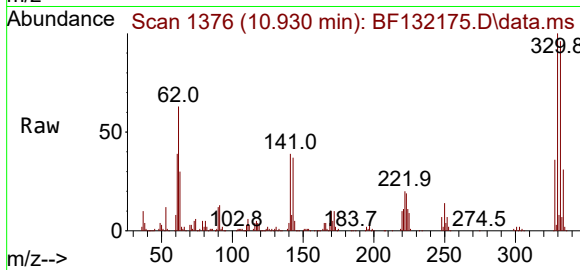




#67
4-Bromophenyl-phenylether
Concen: 2.785 ng
RT: 10.930 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

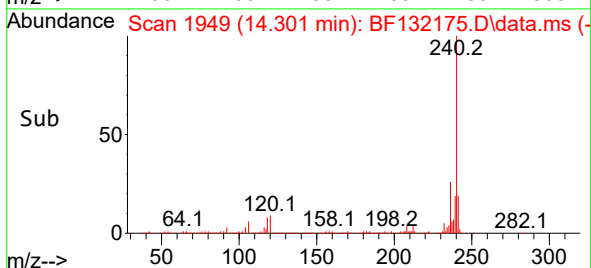
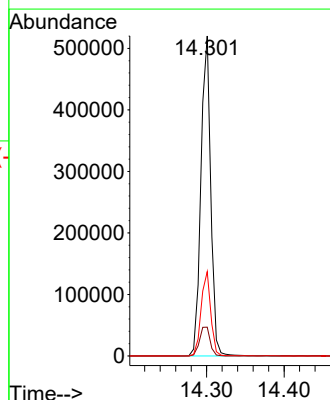
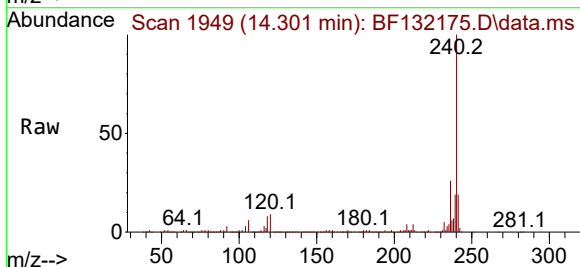
Instrument :
BNA_F
ClientSampleId :
B-P-17A

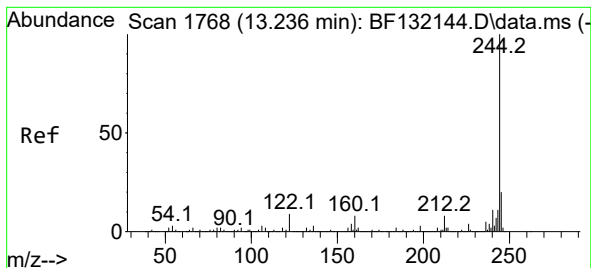
Tgt Ion:248 Resp: 23146
Ion Ratio Lower Upper
248 100
250 193.1 77.4 116.0#
141 545.9 62.2 93.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132175.D
Acq: 20 Jan 2023 22:46

Tgt Ion:240 Resp: 457343
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 26.3 20.3 30.5





#79

Terphenyl-d14

Concen: 59.496 ng

RT: 13.236 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

Instrument :

BNA_F

ClientSampleId :

B-P-17A

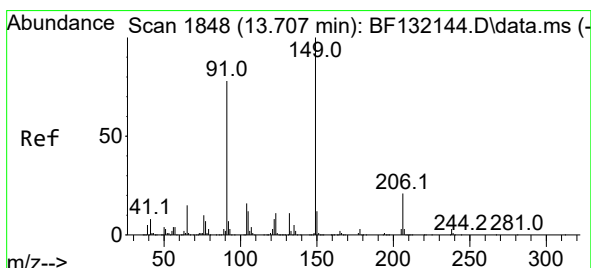
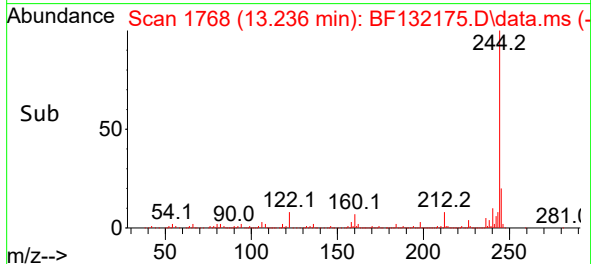
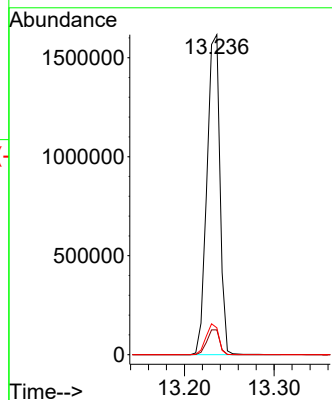
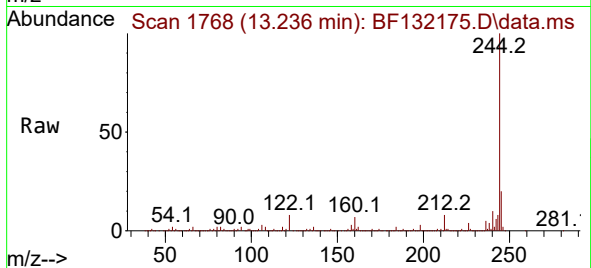
Tgt Ion:244 Resp: 1624364

Ion Ratio Lower Upper

244 100

212 7.8 6.7 10.1

122 8.4 7.4 11.2



#80

Butylbenzylphthalate

Concen: 2.928 ng

RT: 13.683 min Scan# 1844

Delta R.T. -0.024 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

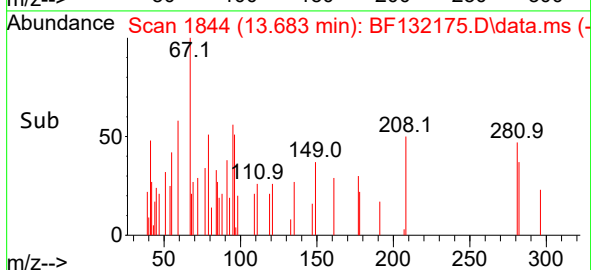
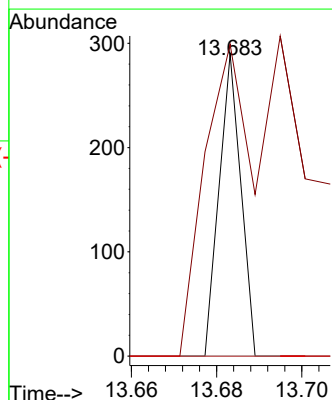
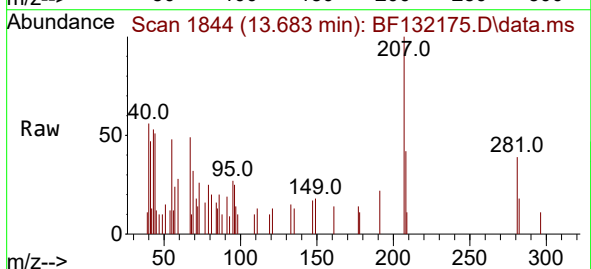
Tgt Ion:149 Resp: 102

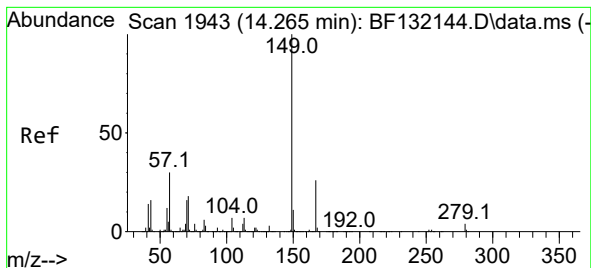
Ion Ratio Lower Upper

149 100

91 103.1 62.6 94.0#

206 0.0 16.4 24.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.554 ng

RT: 14.260 min Scan# 1942

Delta R.T. -0.005 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

Instrument :

BNA_F

ClientSampleId :

B-P-17A

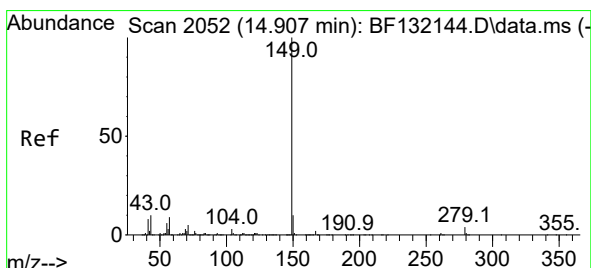
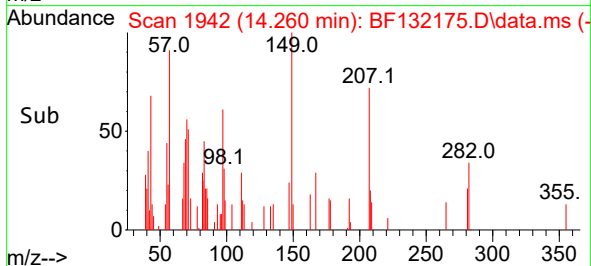
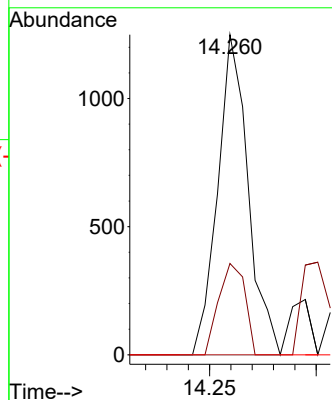
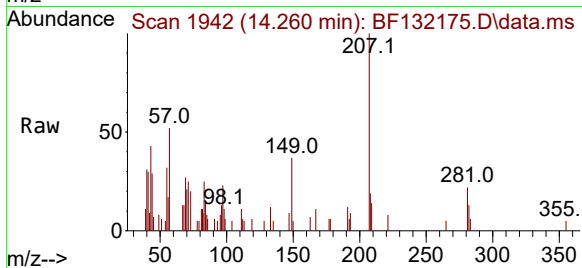
Tgt Ion:149 Resp: 1236

Ion Ratio Lower Upper

149 100

167 28.5 21.0 31.6

279 0.0 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 5.343 ng

RT: 14.901 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

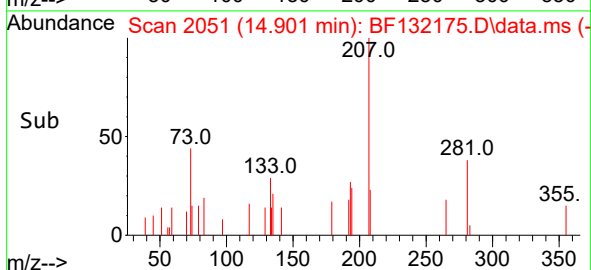
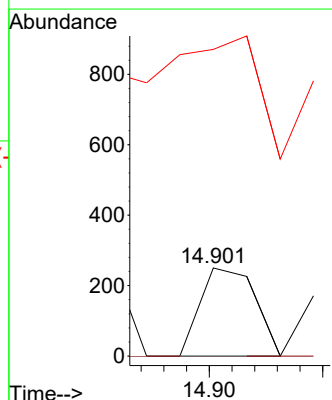
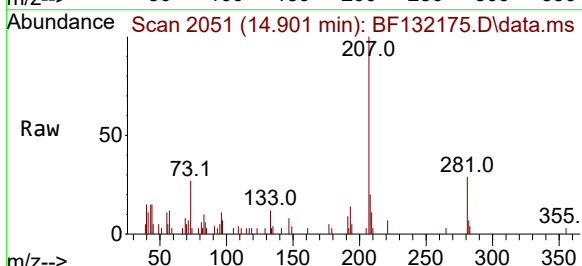
Tgt Ion:149 Resp: 168

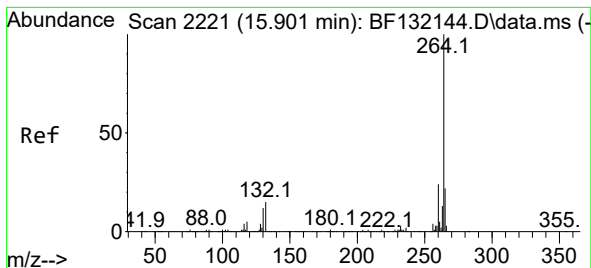
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 201.2 8.4 12.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

Instrument :

BNA_F

ClientSampleId :

B-P-17A

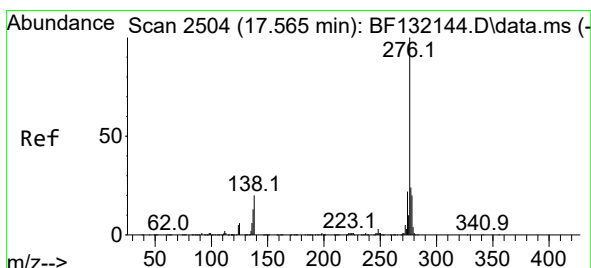
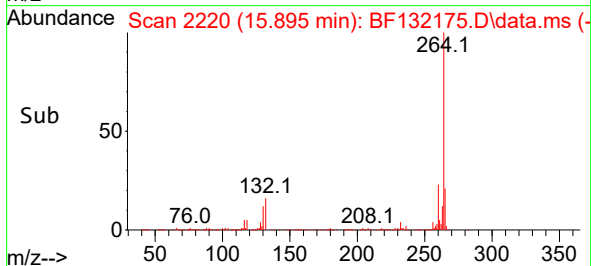
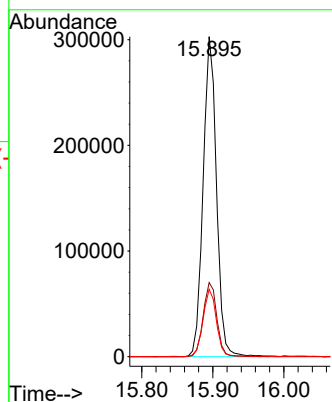
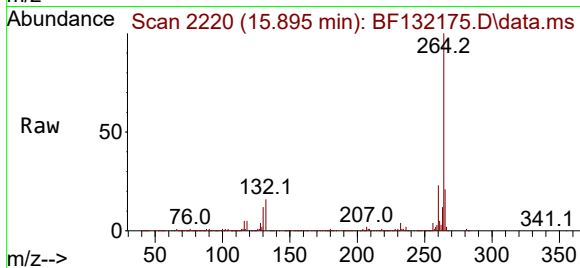
Tgt Ion:264 Resp: 397282

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.1 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.358 ng

RT: 17.553 min Scan# 2502

Delta R.T. -0.012 min

Lab File: BF132175.D

Acq: 20 Jan 2023 22:46

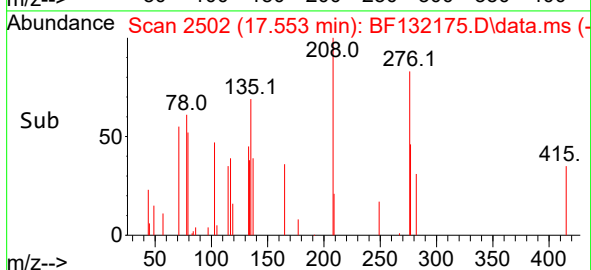
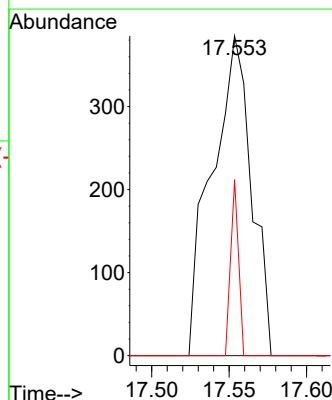
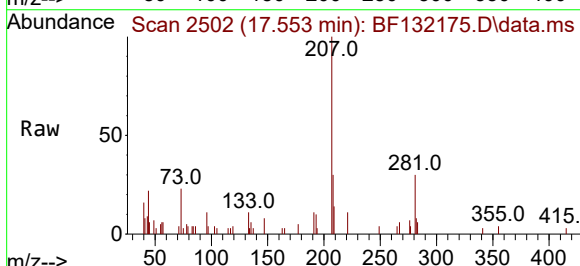
Tgt Ion:276 Resp: 685

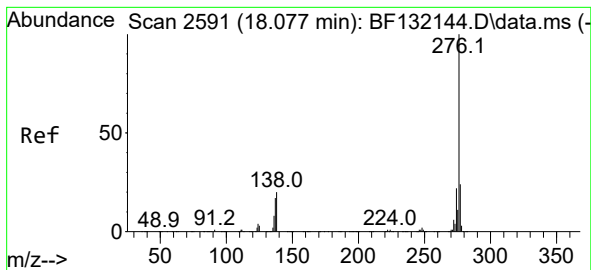
Ion Ratio Lower Upper

276 100

138 0.0 17.9 26.9#

277 10.9 20.2 30.2#





#92

Benzo(g,h,i)perylene

Concen: 2.330 ng

RT: 18.053 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF132175.D

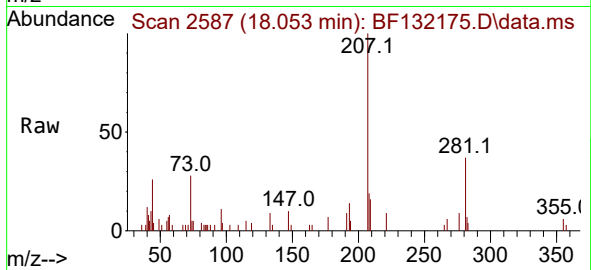
Acq: 20 Jan 2023 22:46

Instrument :

BNA_F

ClientSampleId :

B-P-17A



Tgt Ion: 276 Resp: 920

Ion Ratio Lower Upper

276 100

277 0.0 18.9 28.3#

138 0.0 15.7 23.5#

