

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131500.D
 Acq On : 02 Dec 2022 17:30
 Operator : CG\JU
 Sample : N5848-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Quant Time: Dec 05 00:03:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 05 00:00:18 2022
 Response via : Initial Calibration

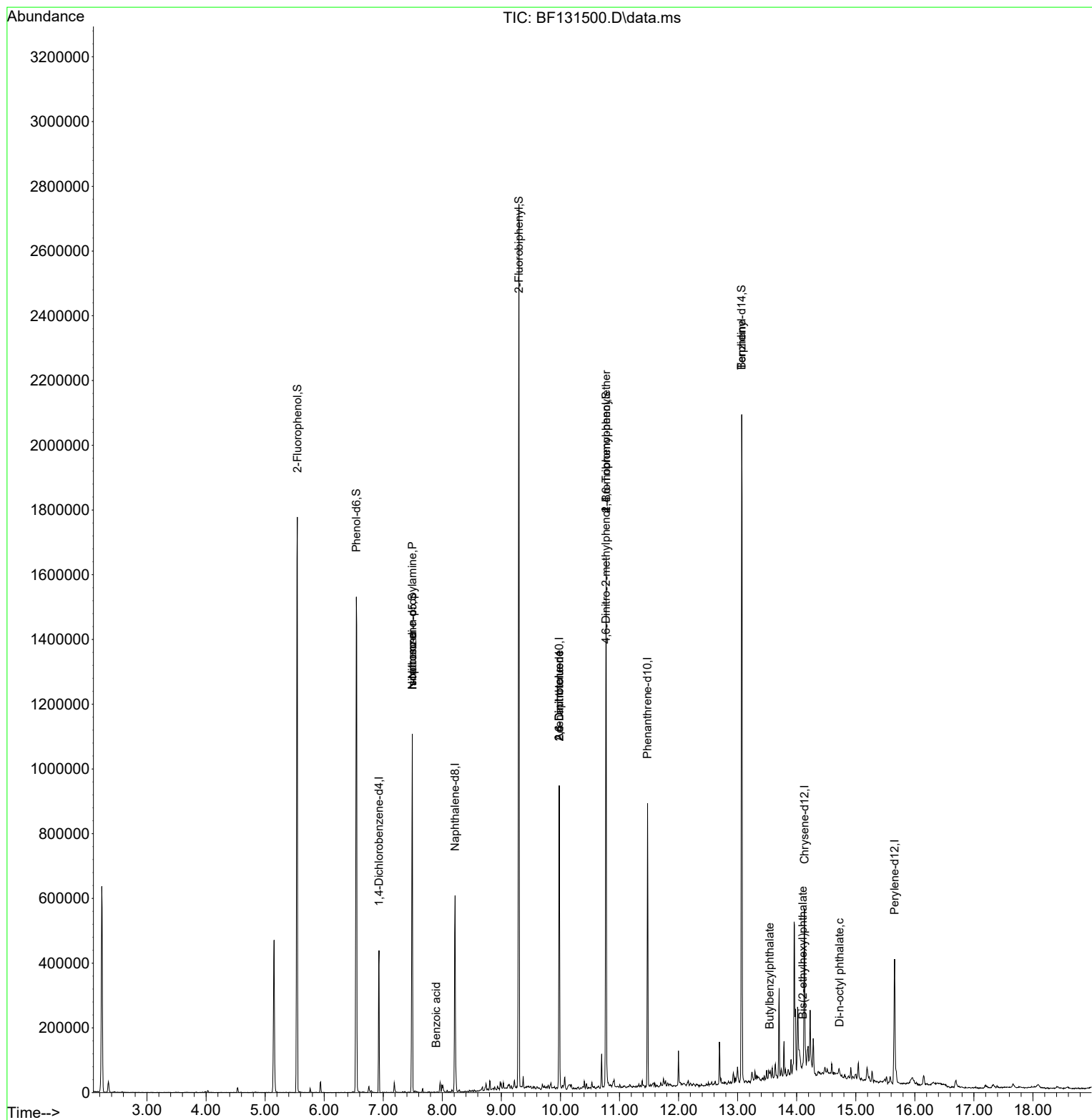
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	59681	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	251712	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	176968	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	296689	20.000	ng	0.00
76) Chrysene-d12	14.133	240	180981	20.000	ng	0.00
86) Perylene-d12	15.656	264	183722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	463862	147.925	ng	0.01
7) Phenol-d6	6.545	99	559587	139.865	ng	-0.01
23) Nitrobenzene-d5	7.492	82	331214	66.330	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	191998	128.958	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	832505	68.439	ng	0.00
79) Terphenyl-d14	13.068	244	773141	69.858	ng	0.00
Target Compounds						
9) Benzaldehyde	6.481	77	326	Below Cal		86
19) n-Nitroso-di-n-propyla...	7.492	70	46882	16.007 ng	#	75
25) Isophorone	7.492	82	331121	37.168 ng	#	68
32) Benzoic acid	7.898	122	291	5.286 ng	#	79
51) 2,6-Dinitrotoluene	9.980	165	23190	9.405 ng	#	15
57) 2,4-Dinitrotoluene	9.980	165	23190	7.475 ng	#	19
65) 4,6-Dinitro-2-methylph...	10.769	198	399	4.925 ng	#	1
67) 4-Bromophenyl-phenylether	10.774	248	12443	3.422 ng	#	1
77) Benzidine	13.068	184	9427	2.820 ng	#	95
80) Butylbenzylphthalate	13.545	149	1639	4.422 ng	#	80
84) Bis(2-ethylhexyl)phtha...	14.104	149	2178	4.031 ng	#	88
85) Di-n-octyl phthalate	14.727	149	2913	4.231 ng	#	75

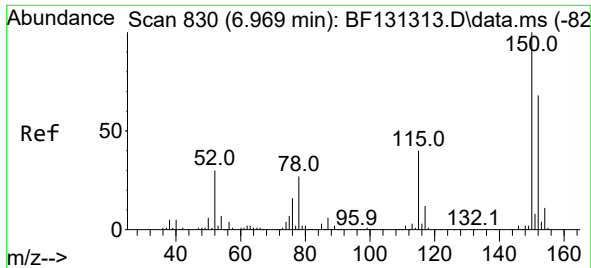
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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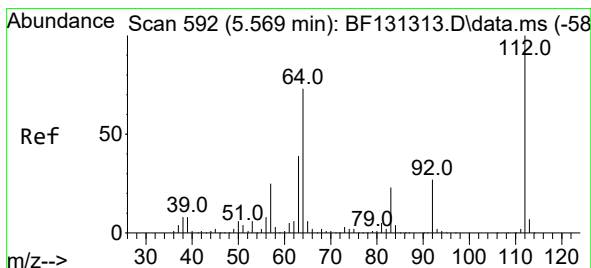
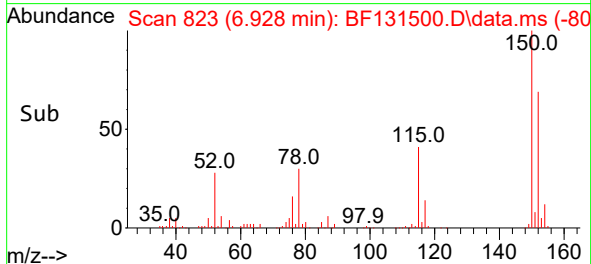
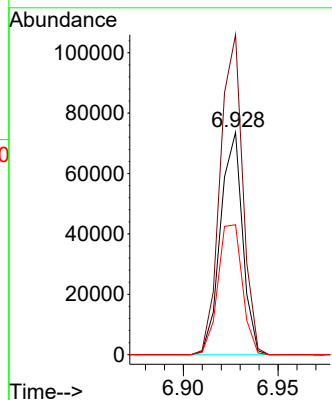
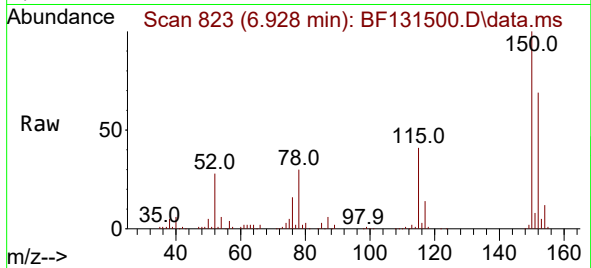




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

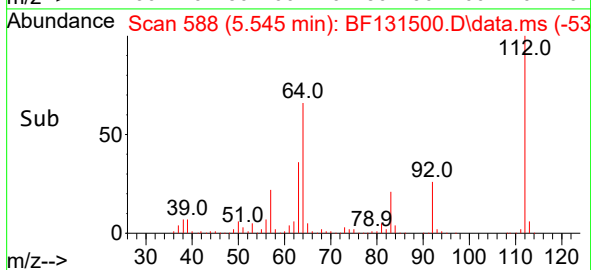
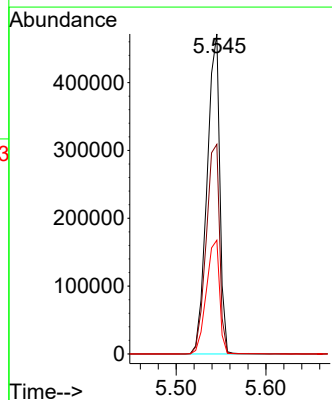
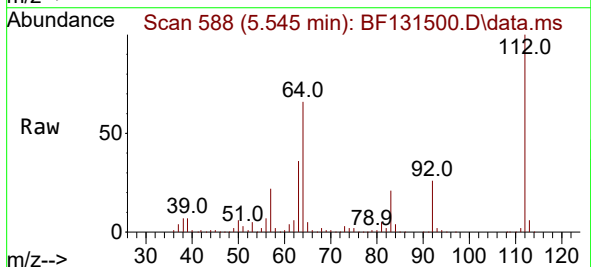
Instrument :
BNA_F
ClientSampleId :
PE-6

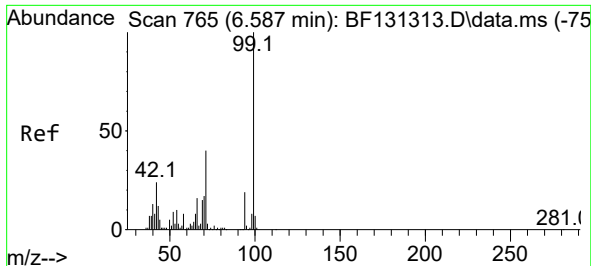
Tgt Ion:152 Resp: 59681
Ion Ratio Lower Upper
152 100
150 143.9 117.8 176.8
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 147.925 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion:112 Resp: 463862
Ion Ratio Lower Upper
112 100
64 65.5 58.6 88.0
63 35.5 31.4 47.0

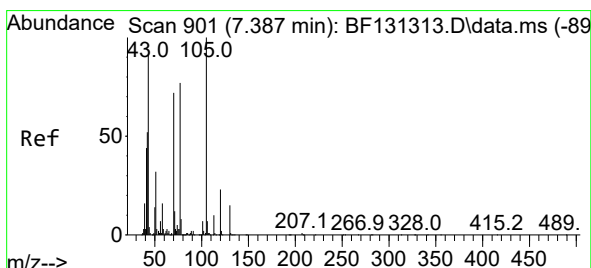
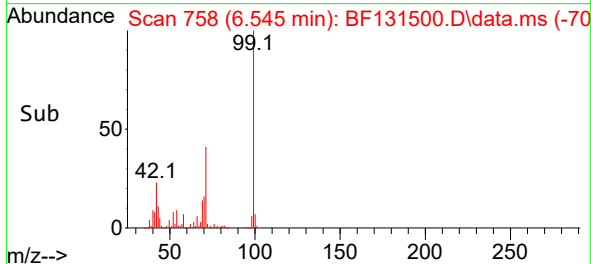
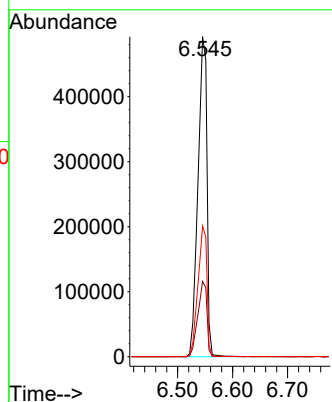
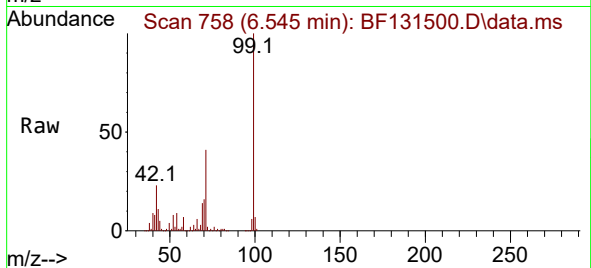




#7
Phenol-d6
Concen: 139.865 ng
RT: 6.545 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

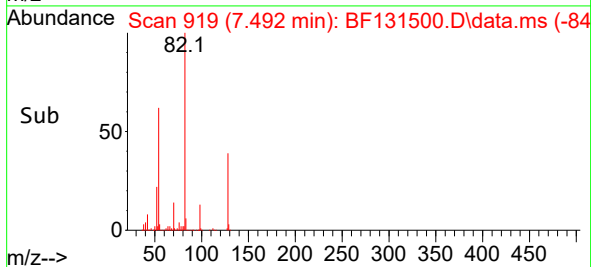
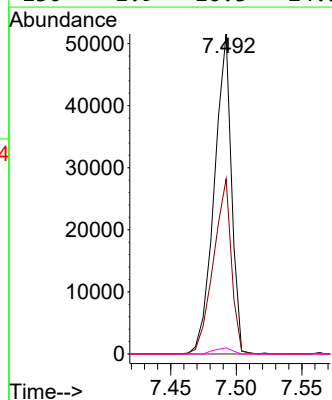
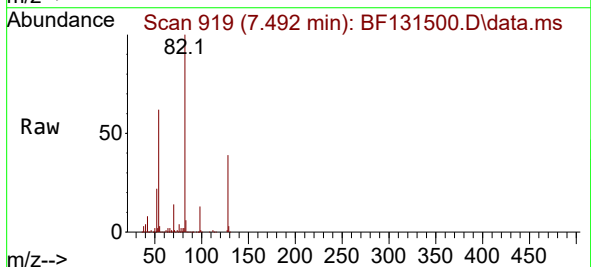
Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion: 99 Resp: 559587
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 40.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.007 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.147 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion: 70 Resp: 46882
Ion Ratio Lower Upper
70 100
42 54.7 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

Instrument :

BNA_F

ClientSampleId :

PE-6

Tgt Ion:136 Resp: 251712

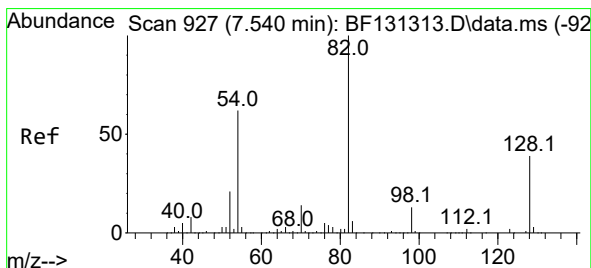
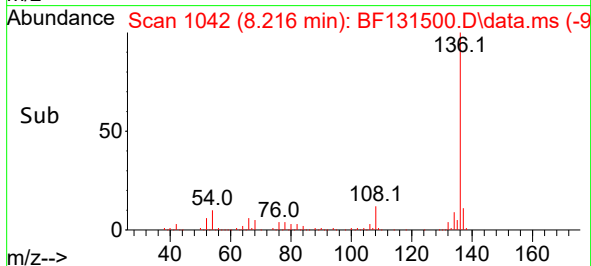
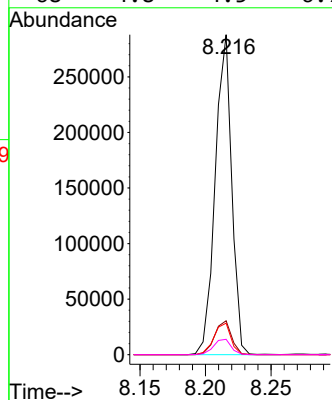
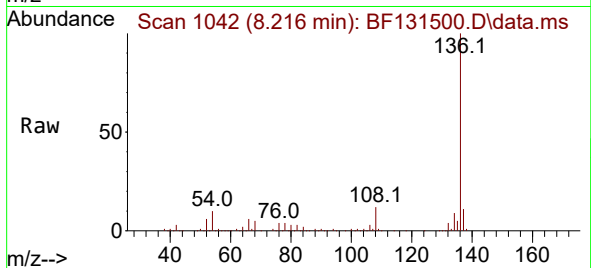
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 9.9 9.4 14.0

68 4.8 4.5 6.7



#23

Nitrobenzene-d5

Concen: 66.330 ng

RT: 7.492 min Scan# 919

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

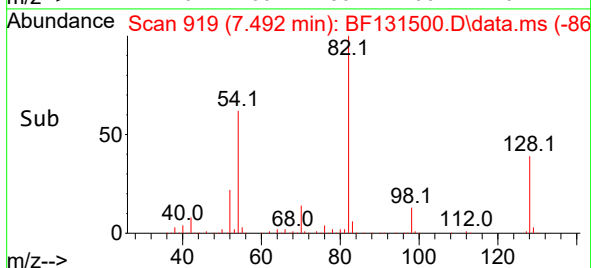
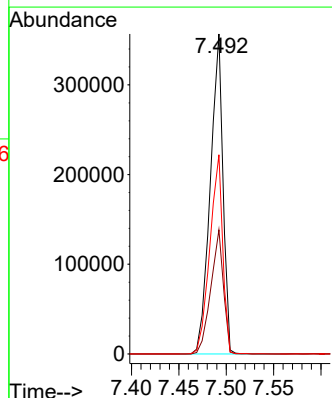
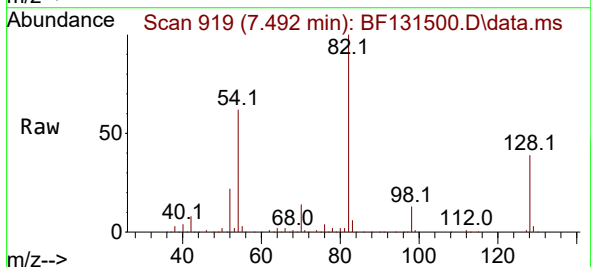
Tgt Ion: 82 Resp: 331214

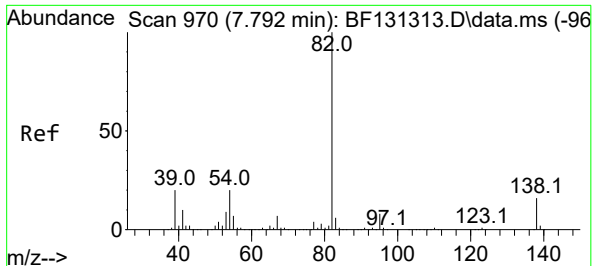
Ion Ratio Lower Upper

82 100

128 38.8 31.4 47.0

54 62.3 49.8 74.6

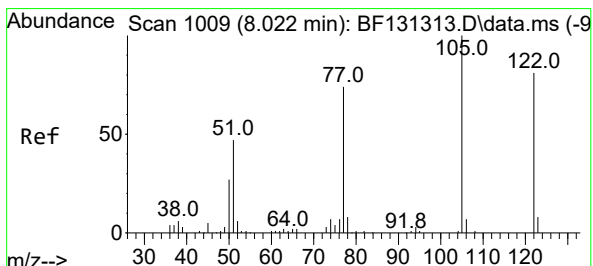
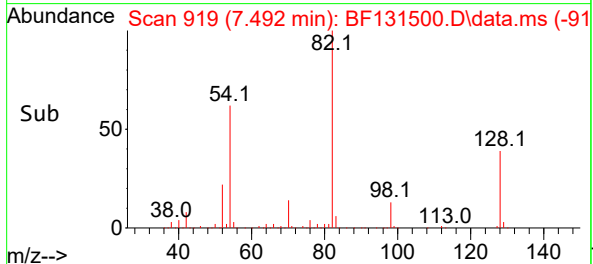
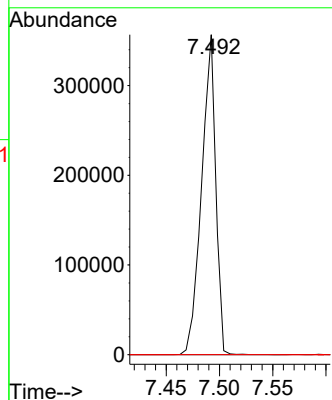
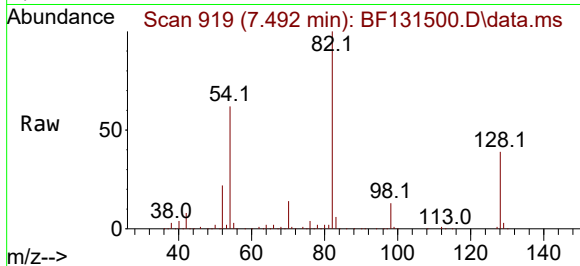




#25
Isophorone
Concen: 37.168 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

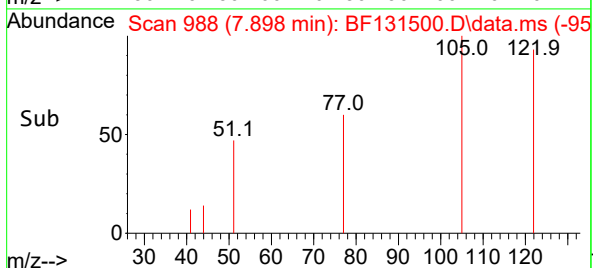
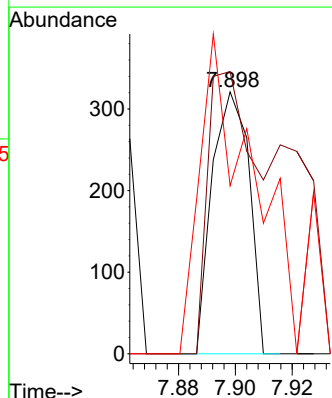
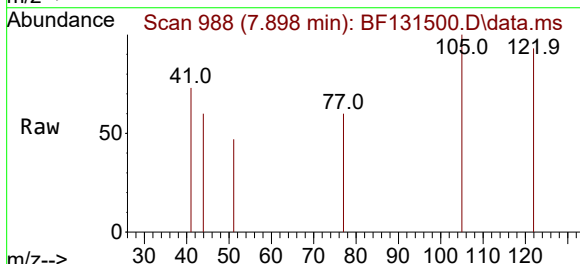
Instrument :
BNA_F
ClientSampleId :
PE-6

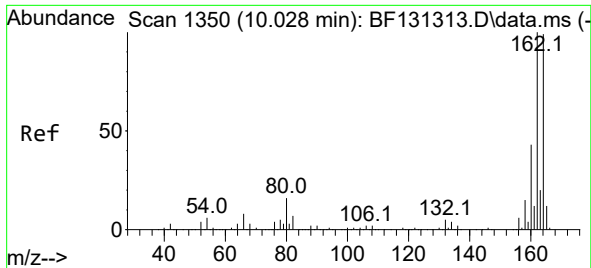
Tgt Ion: 82 Resp: 331121
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.286 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.094 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion: 122 Resp: 291
Ion Ratio Lower Upper
122 100
105 107.8 103.8 143.8
77 64.2 74.3 114.3#

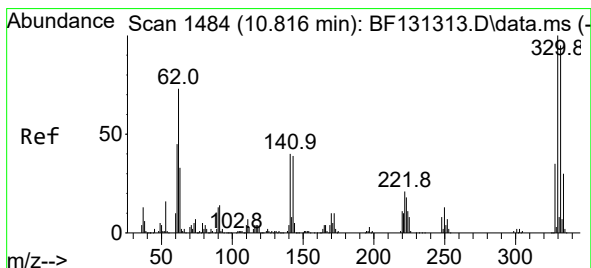
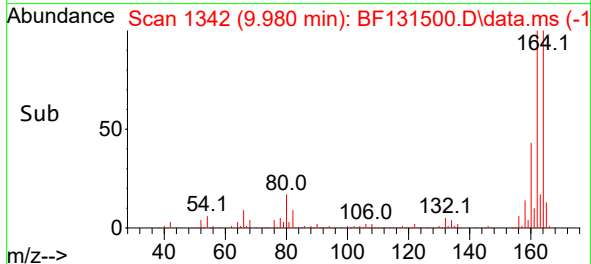
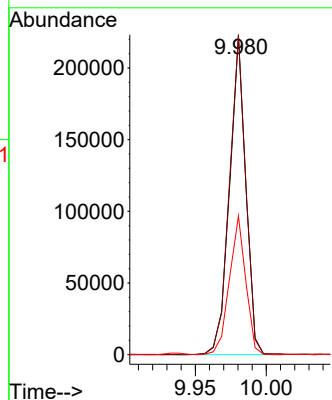
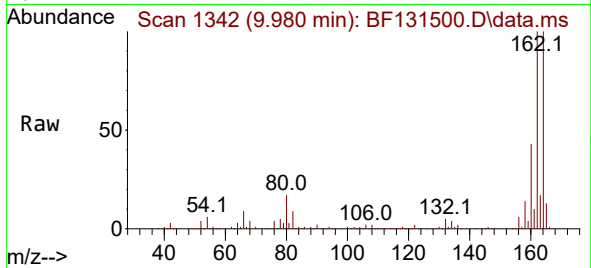




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

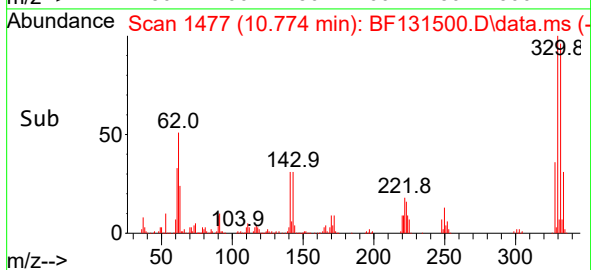
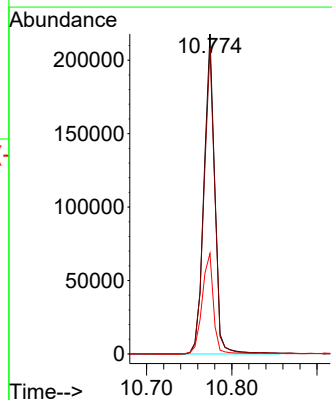
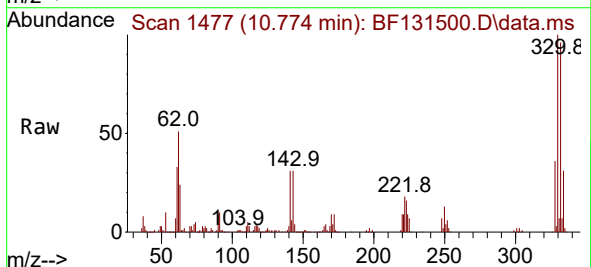
Instrument :
BNA_F
ClientSampleId :
PE-6

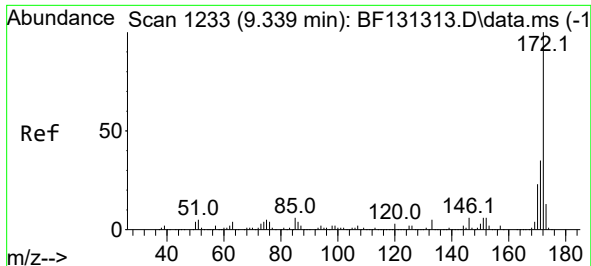
Tgt Ion:164 Resp: 176968
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 43.4 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 128.958 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion:330 Resp: 191998
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 33.0 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 68.439 ng

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

Instrument :

BNA_F

ClientSampleId :

PE-6

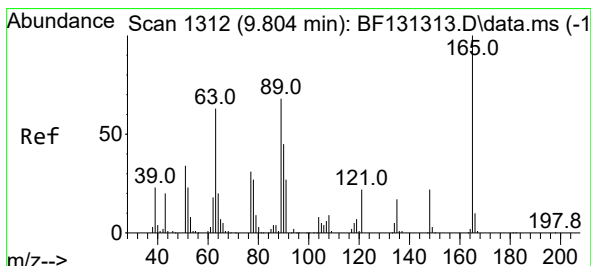
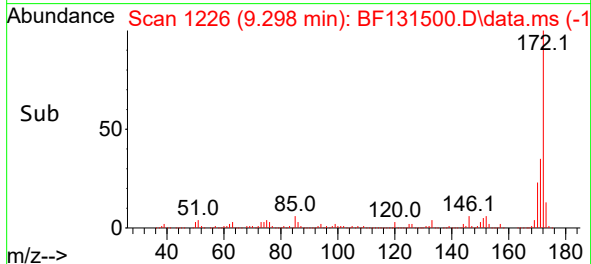
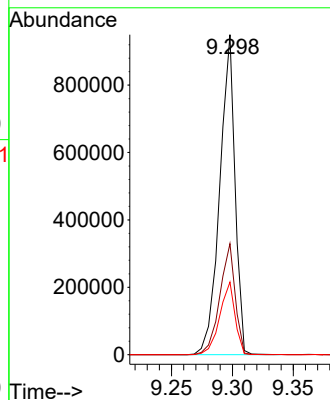
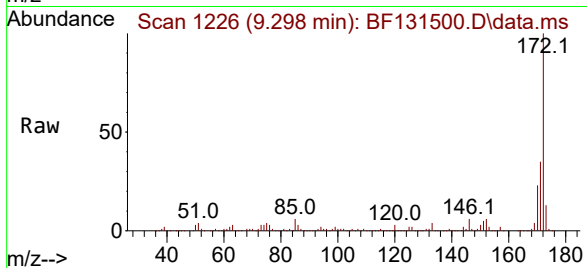
Tgt Ion:172 Resp: 832505

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 22.7 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.405 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.212 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

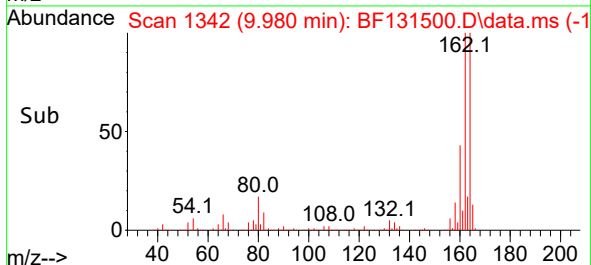
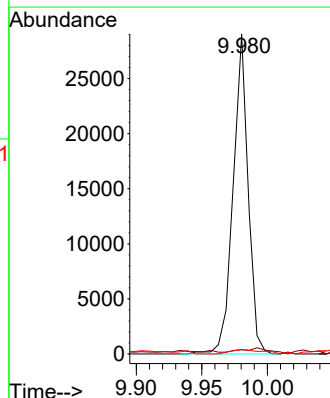
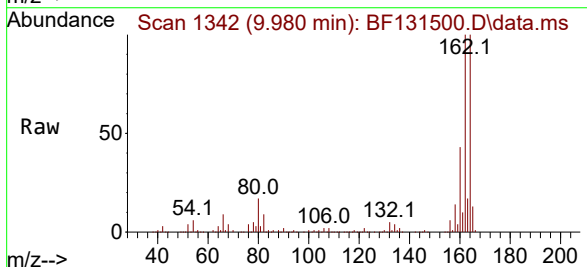
Tgt Ion:165 Resp: 23190

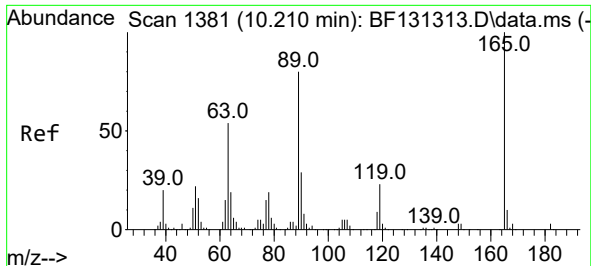
Ion Ratio Lower Upper

165 100

63 1.3 62.0 93.0#

89 1.4 54.4 81.6#

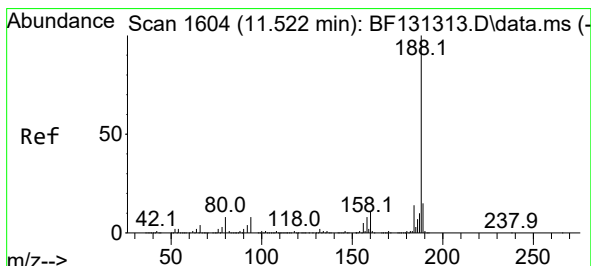
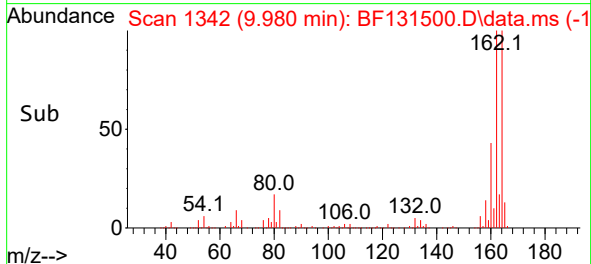
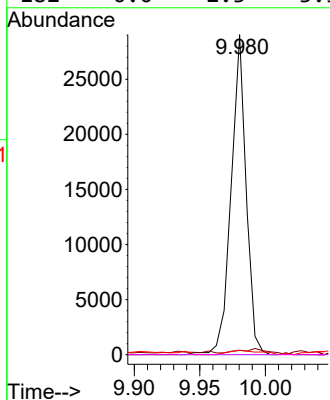
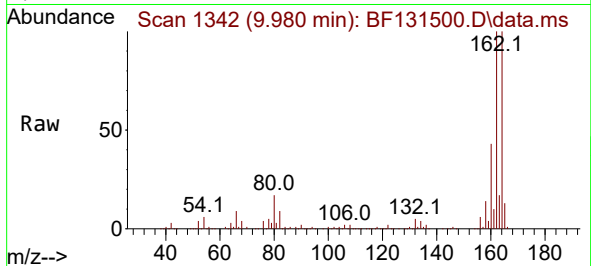




#57
2,4-Dinitrotoluene
Concen: 7.475 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

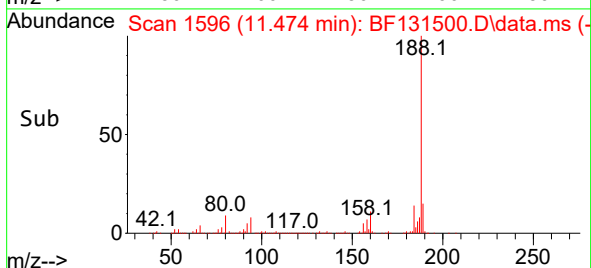
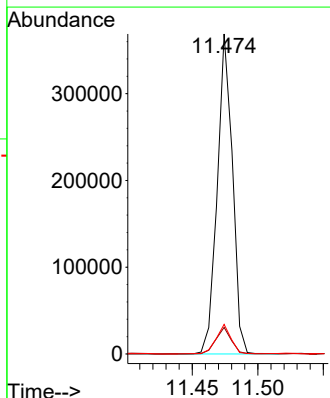
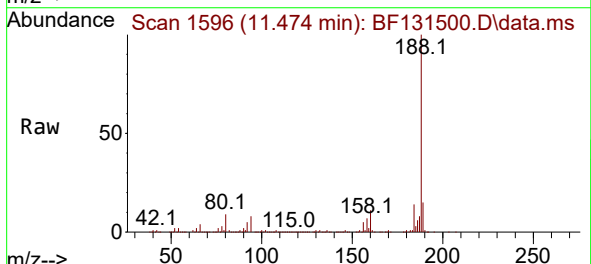
Instrument :
BNA_F
ClientSampleId :
PE-6

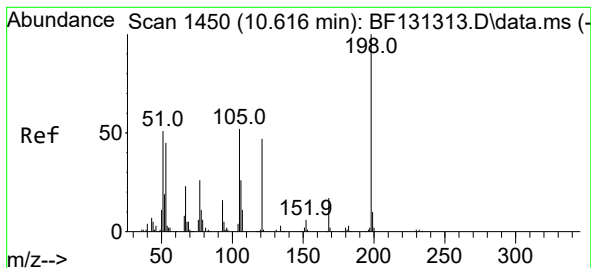
Tgt Ion:165 Resp: 23190
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 1.4 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion:188 Resp: 296689
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.3 6.8 10.2

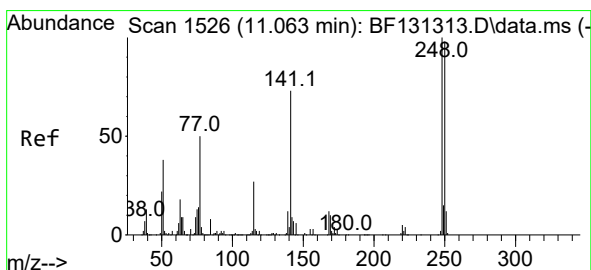
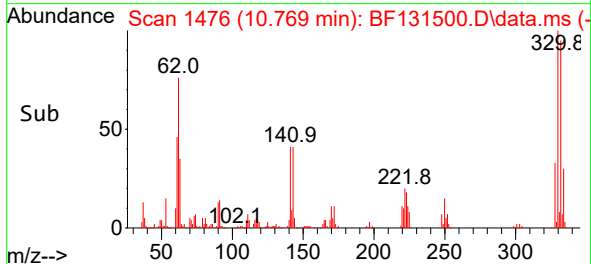
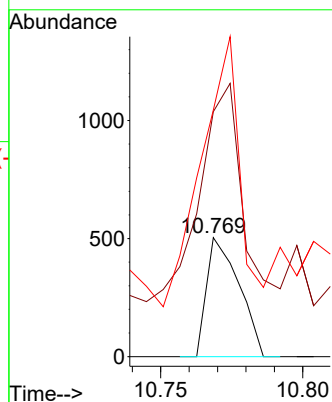
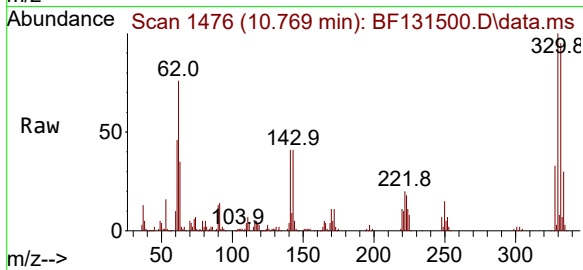




#65
4,6-Dinitro-2-methylphenol
Concen: 4.925 ng
RT: 10.769 min Scan# 1450
Delta R.T. 0.188 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

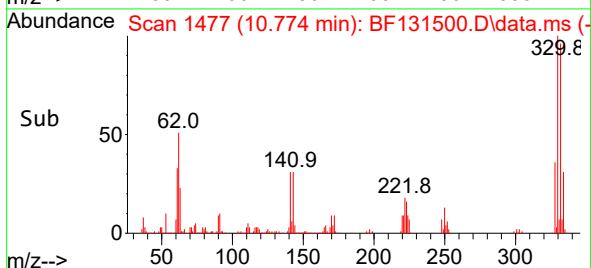
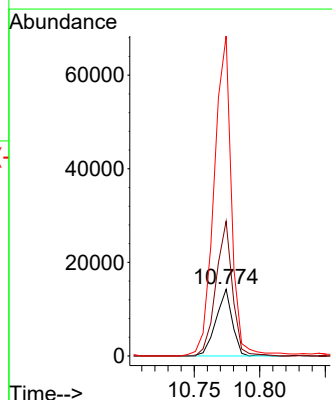
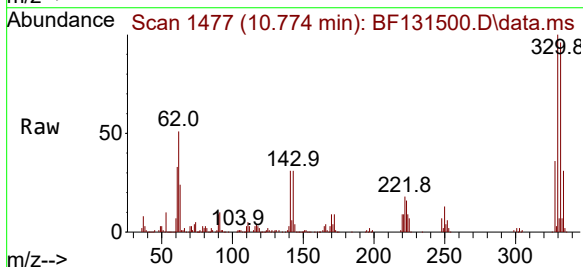
Instrument :
BNA_F
ClientSampleId :
PE-6

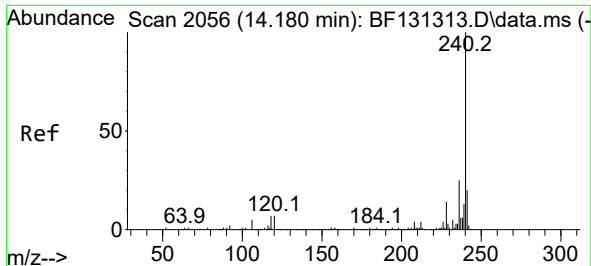
Tgt Ion:198 Resp: 399
Ion Ratio Lower Upper
198 100
51 205.8 50.1 90.1#
105 207.1 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.422 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.247 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion:248 Resp: 12443
Ion Ratio Lower Upper
248 100
250 201.9 78.3 117.5#
141 479.4 58.0 87.0#

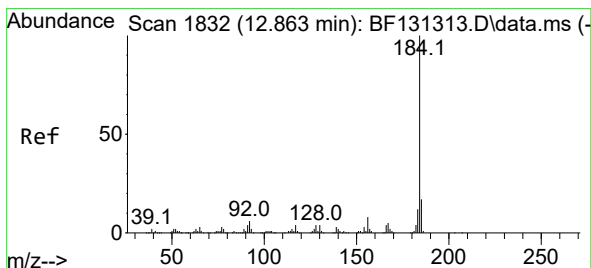
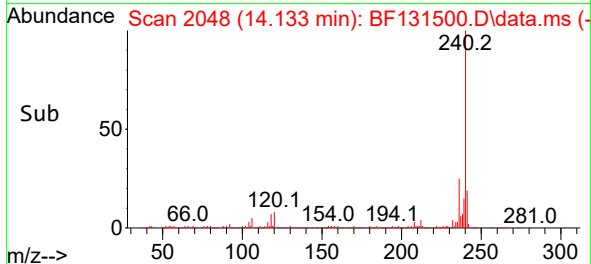
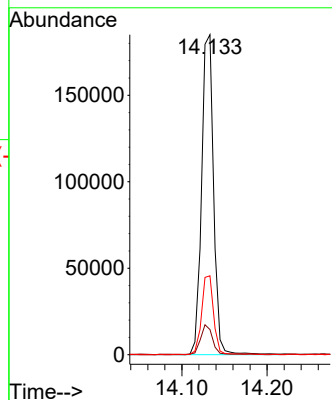
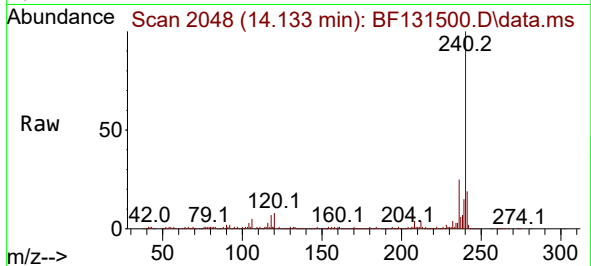




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

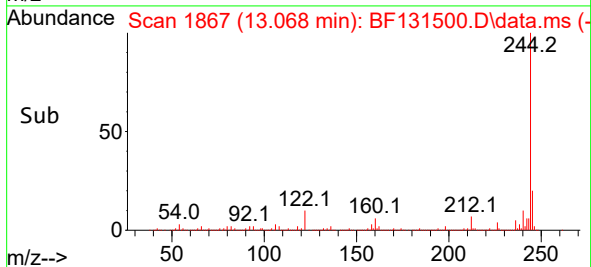
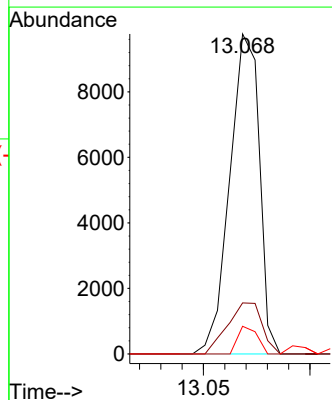
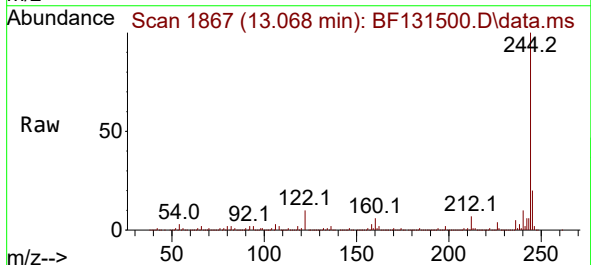
Instrument :
BNA_F
ClientSampleId :
PE-6

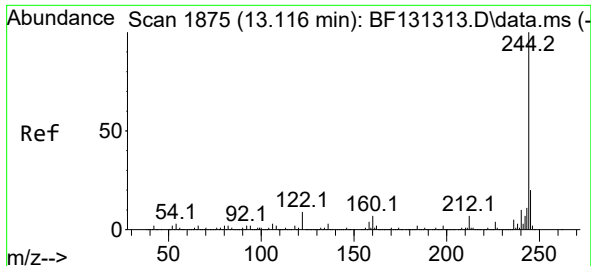
Tgt Ion:240 Resp: 180981
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 24.7 20.3 30.5



#77
Benzidine
Concen: 2.820 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion:184 Resp: 9427
Ion Ratio Lower Upper
184 100
185 16.0 13.8 20.8
183 8.6 9.6 14.4#

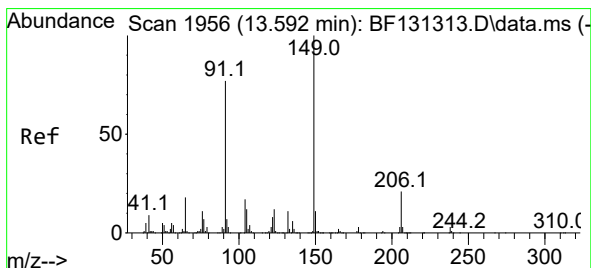
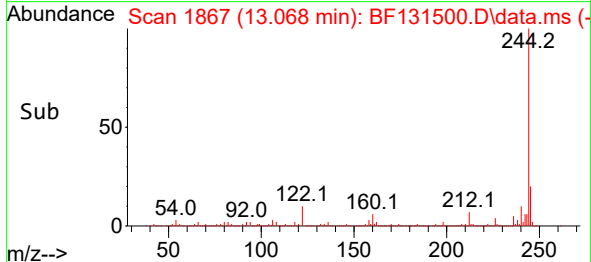
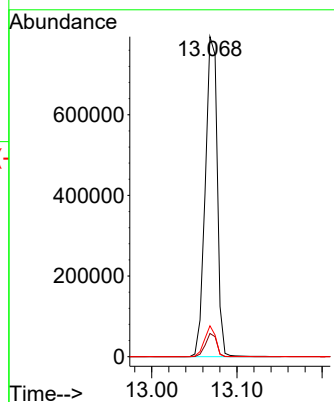
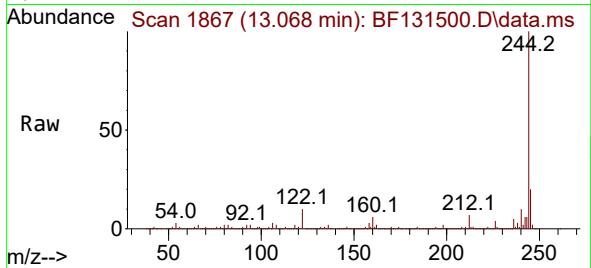




#79
 Terphenyl-d14
 Concen: 69.858 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131500.D
 Acq: 02 Dec 2022 17:30

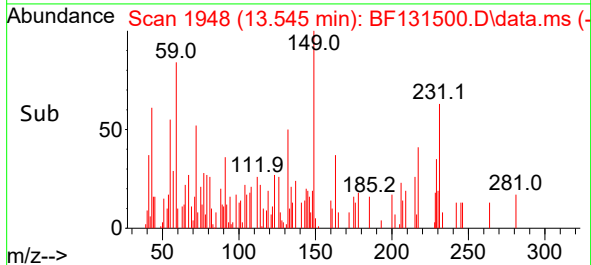
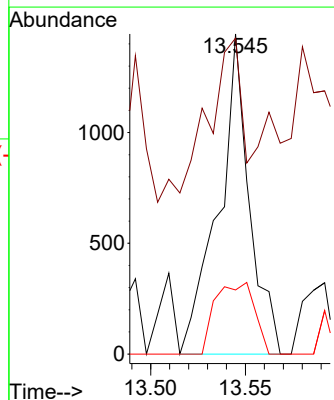
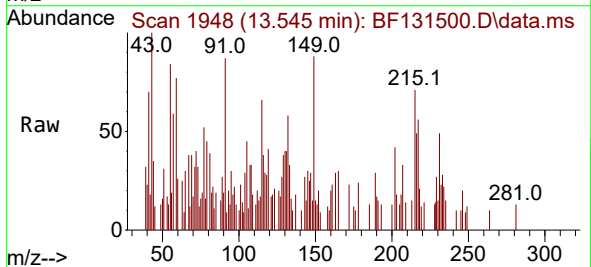
Instrument :
 BNA_F
 ClientSampleId :
 PE-6

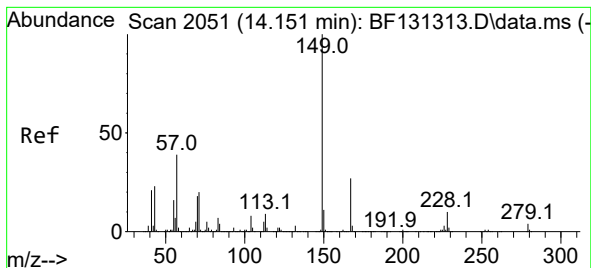
Tgt Ion:244 Resp: 773141
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.422 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: BF131500.D
 Acq: 02 Dec 2022 17:30

Tgt Ion:149 Resp: 1639
 Ion Ratio Lower Upper
 149 100
 91 98.7 61.9 92.9#
 206 20.0 16.5 24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.031 ng

RT: 14.104 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

Instrument :

BNA_F

ClientSampleId :

PE-6

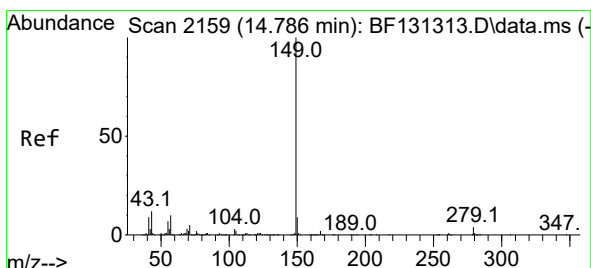
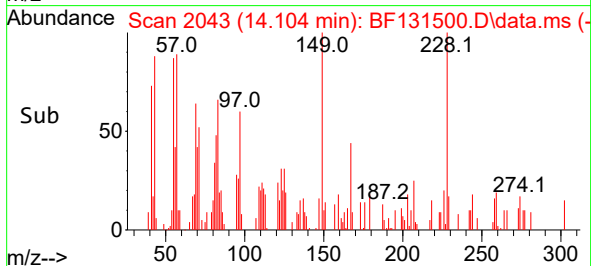
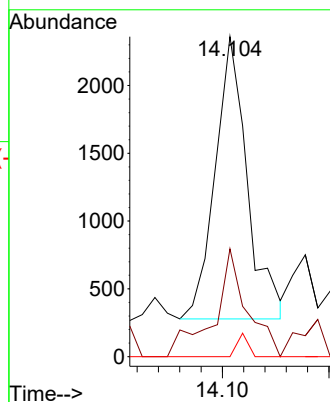
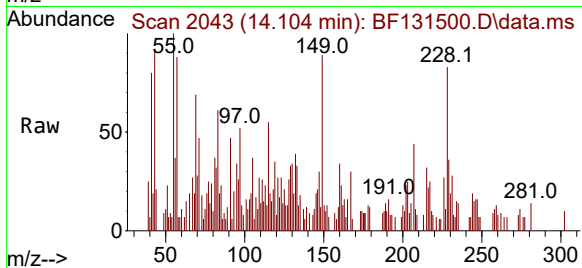
Tgt Ion:149 Resp: 2178

Ion Ratio Lower Upper

149 100

167 33.7 21.9 32.9#

279 0.0 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 4.231 ng

RT: 14.727 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

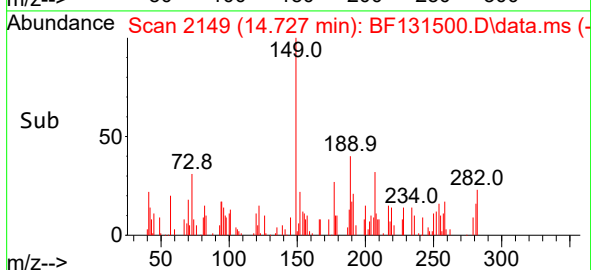
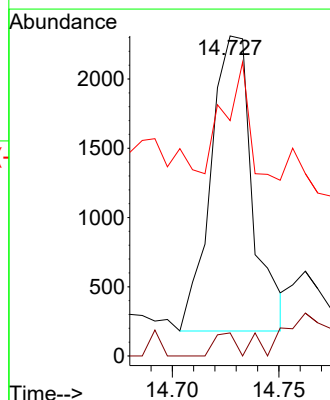
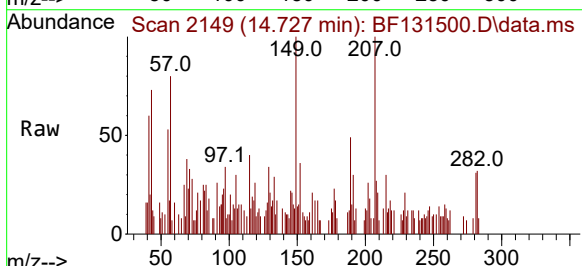
Tgt Ion:149 Resp: 2913

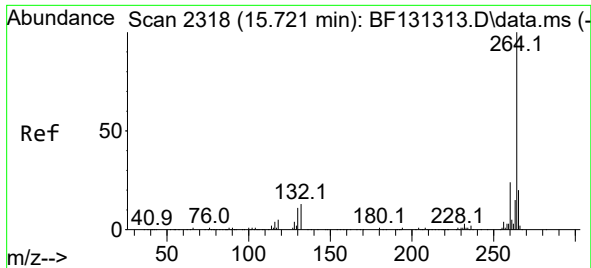
Ion Ratio Lower Upper

149 100

167 3.9 1.2 1.8#

43 24.2 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Instrument :
BNA_F
ClientSampleId :
PE-6

Tgt Ion:264 Resp: 183722

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.6	16.4	24.6

