

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132181.D
 Acq On : 21 Jan 2023 02:00
 Operator : CG\JU
 Sample : 01233-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P38B

Quant Time: Jan 21 03:59:38 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)

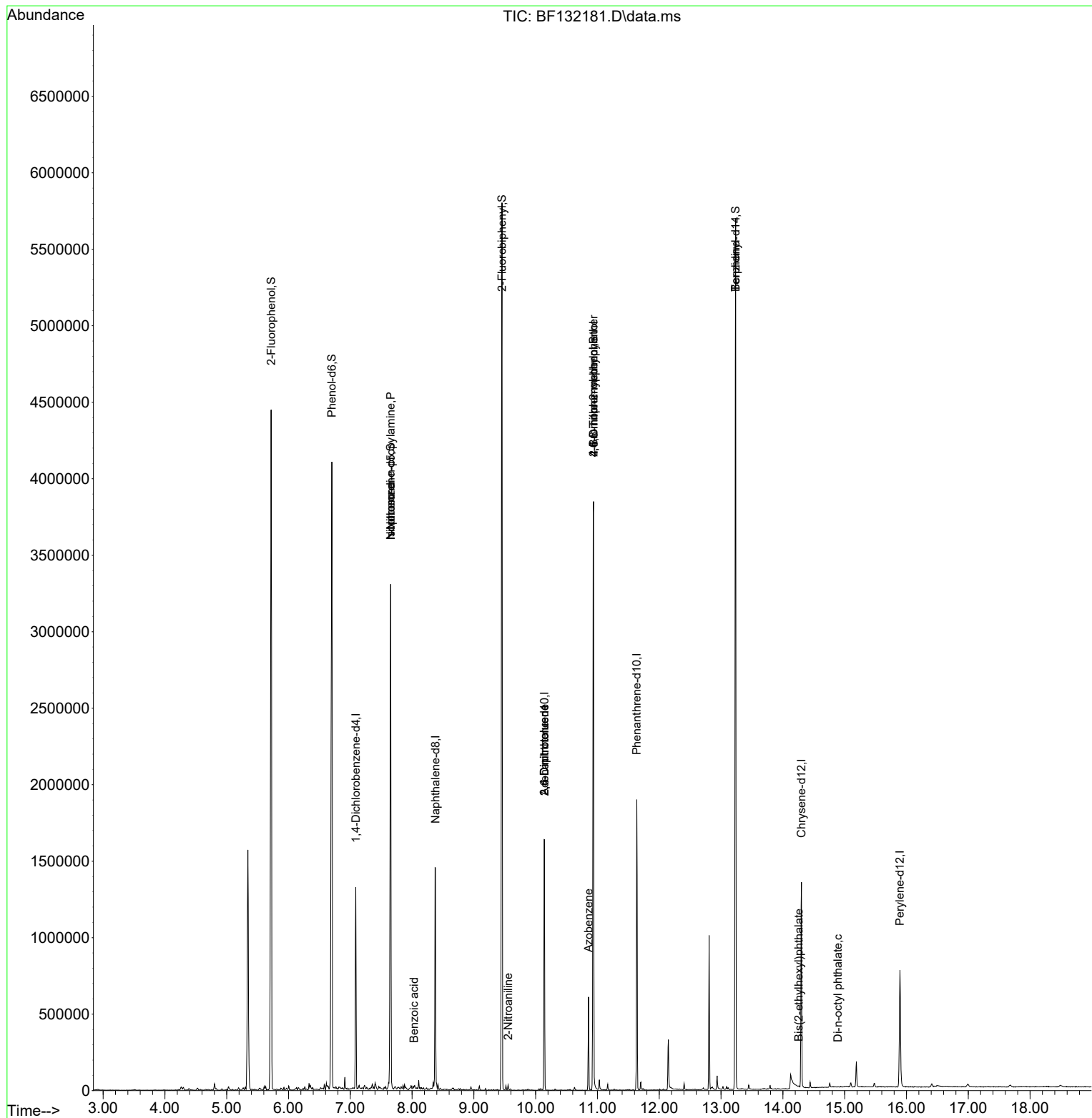
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	175268	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	626552	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	338703	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	667544	20.000	ng	0.00
76) Chrysene-d12	14.301	240	452870	20.000	ng	0.00
86) Perylene-d12	15.895	264	378822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1257545	125.339	ng	0.01
7) Phenol-d6	6.701	99	1653813	130.944	ng	0.00
23) Nitrobenzene-d5	7.654	82	1085157	92.007	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	504573	139.467	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1710341	73.787	ng	0.00
79) Terphenyl-d14	13.236	244	2057233	76.094	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.654	70	149608	19.338	ng	# 75
25) Isophorone	7.654	82	1085007	47.016	ng	# 67
32) Benzoic acid	8.031	122	282	7.889	ng	# 85
48) 2-Nitroaniline	9.554	65	334	2.582	ng	# 7
51) 2,6-Dinitrotoluene	10.142	165	43812	9.214	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	43812	7.676	ng	# 16
63) Azobenzene	10.854	77	92884	3.847	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.936	198	1603	8.220	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	32253	3.964	ng	# 1
77) Benzidine	13.236	184	33096	2.434	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.260	149	1913	3.590	ng	# 96
85) Di-n-octyl phthalate	14.889	149	129	5.342	ng	# 75

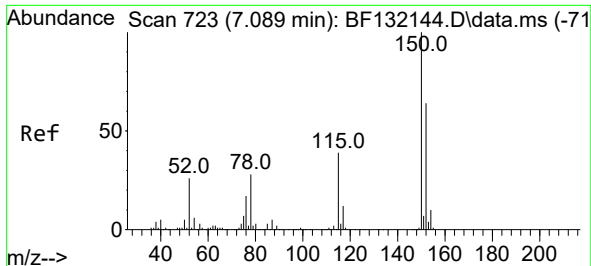
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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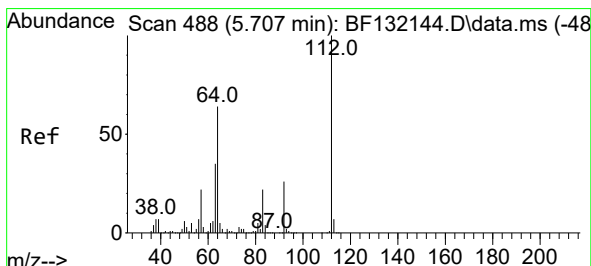
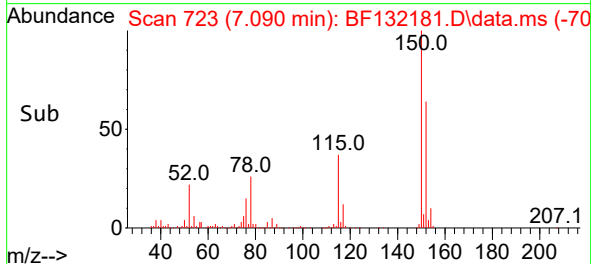
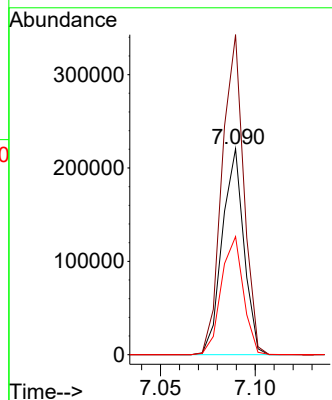
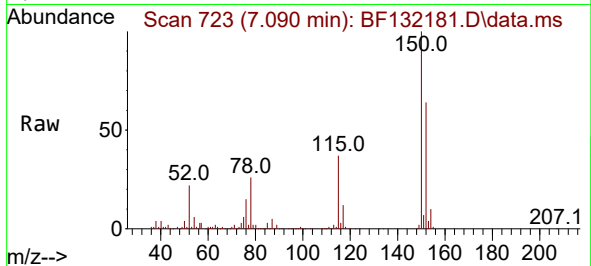




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.090 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF132181.D
 Acq: 21 Jan 2023 02:00

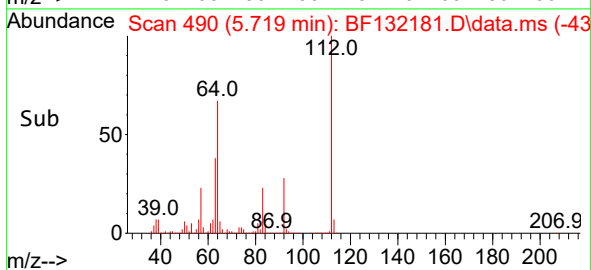
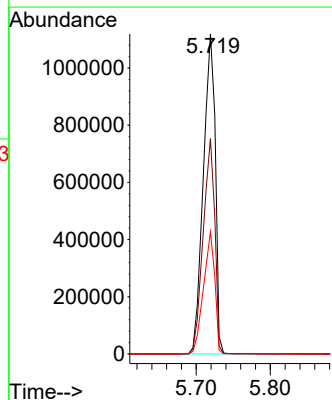
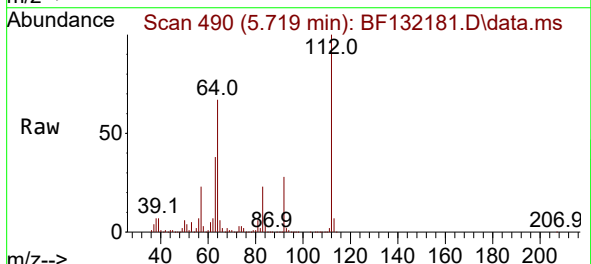
Instrument :
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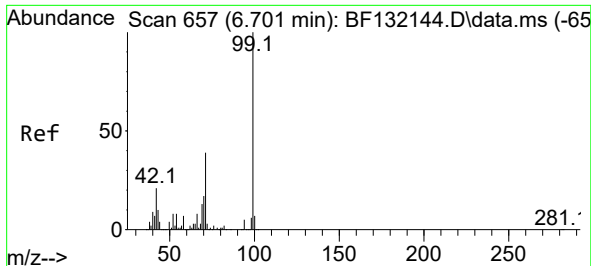
Tgt Ion:152 Resp: 175268
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.8 188.8
 115 57.3 49.2 73.8



#5
 2-Fluorophenol
 Concen: 125.339 ng
 RT: 5.719 min Scan# 490
 Delta R.T. 0.012 min
 Lab File: BF132181.D
 Acq: 21 Jan 2023 02:00

Tgt Ion:112 Resp: 1257545
 Ion Ratio Lower Upper
 112 100
 64 67.3 51.4 77.0
 63 38.2 28.2 42.2



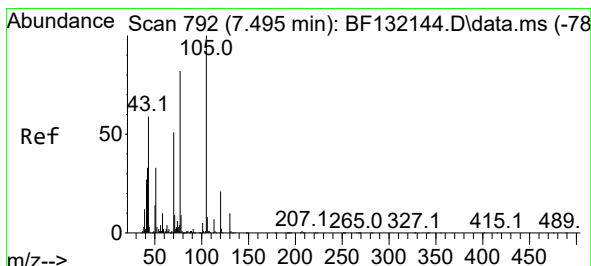
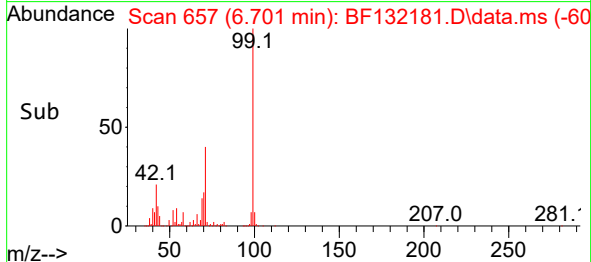
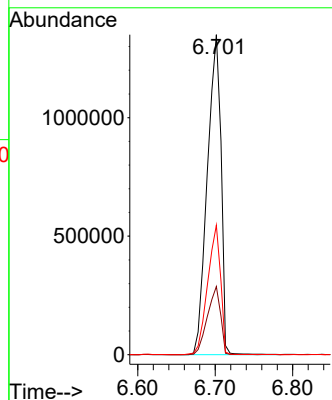
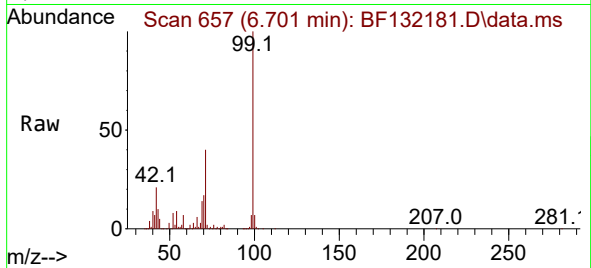


#7
Phenol-d6
Concen: 130.944 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Instrument :
BNA_F
ClientSampleId :
B-P38B

Tgt Ion: 99 Resp: 1653813

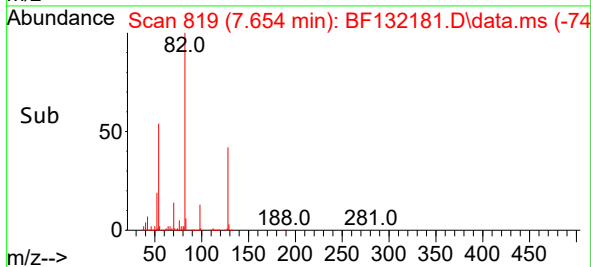
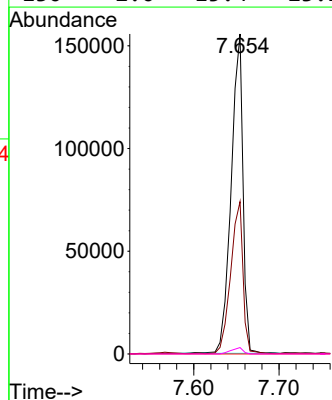
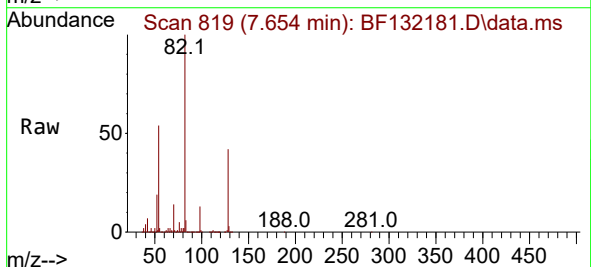
Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	24.8
71	40.4	30.8	46.2

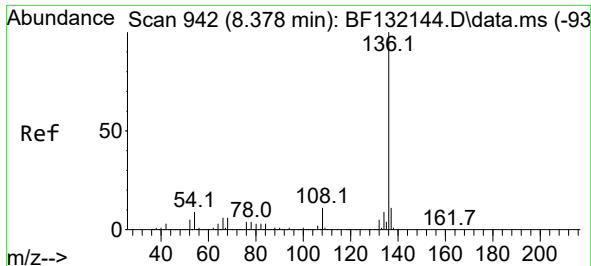


#19
n-Nitroso-di-n-propylamine
Concen: 19.338 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.159 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion: 70 Resp: 149608

Ion	Ratio	Lower	Upper
70	100		
42	47.6	51.0	76.4#
101	0.0	7.3	10.9#
130	2.0	15.4	23.2#

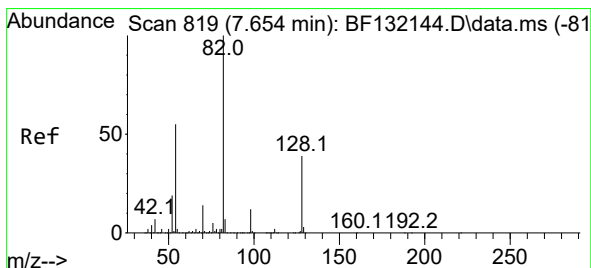
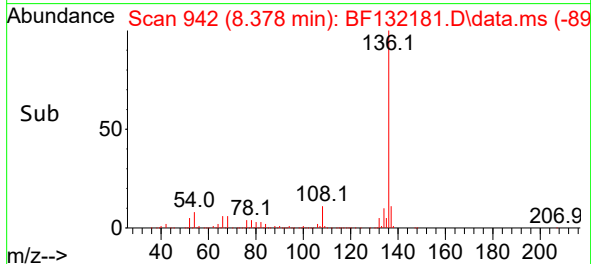
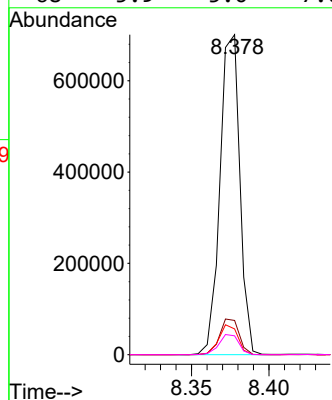
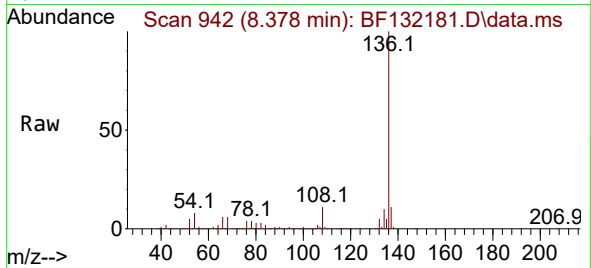




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

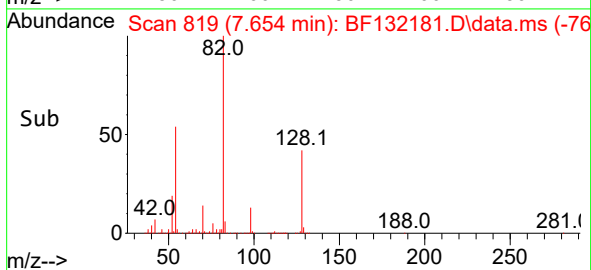
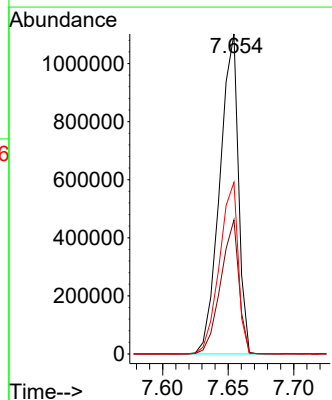
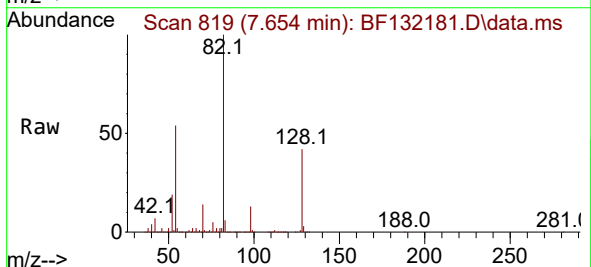
Instrument :
BNA_F
ClientSampleId :
B-P38B

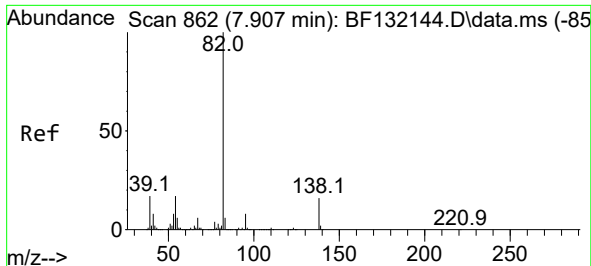
Tgt Ion:136 Resp: 626552
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.1 7.0 10.6
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.007 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion: 82 Resp: 1085157
Ion Ratio Lower Upper
82 100
128 41.9 31.1 46.7
54 53.7 43.9 65.9

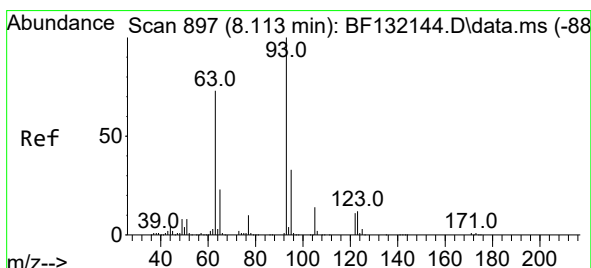
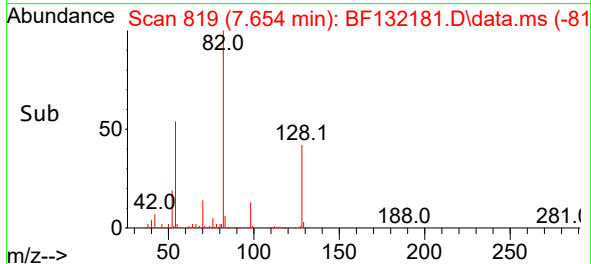
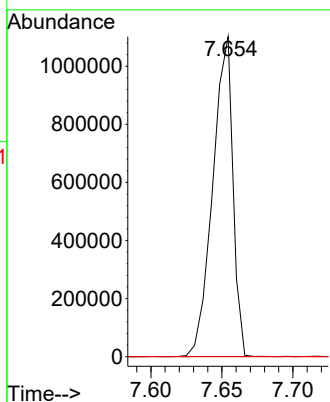
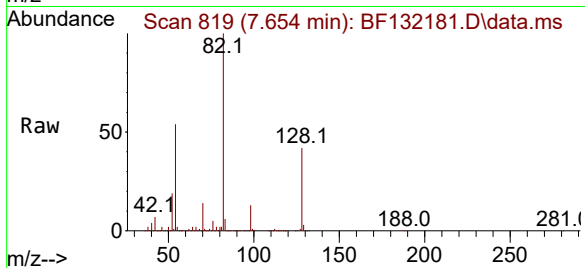




#25
Isophorone
Concen: 47.016 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

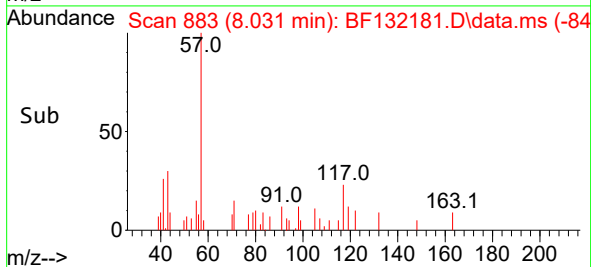
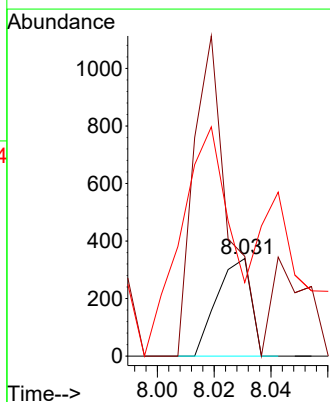
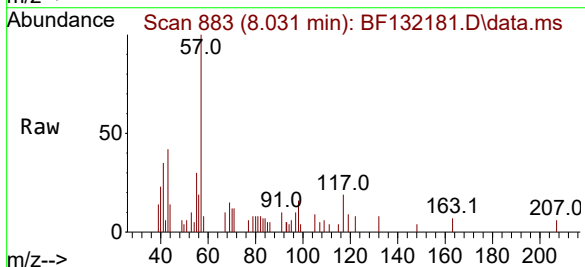
Instrument :
BNA_F
ClientSampleId :
B-P38B

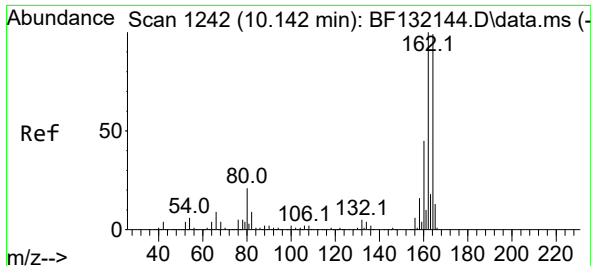
Tgt Ion: 82 Resp: 1085007
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.889 ng
RT: 8.031 min Scan# 883
Delta R.T. -0.082 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion:122 Resp: 282
Ion Ratio Lower Upper
122 100
105 102.4 96.8 136.8
77 75.5 72.5 112.5

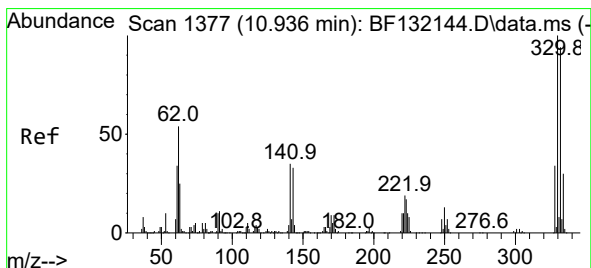
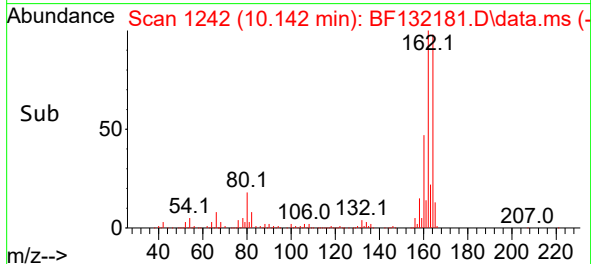
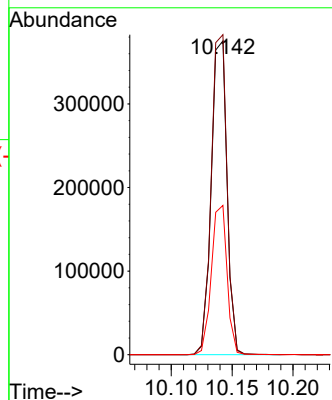
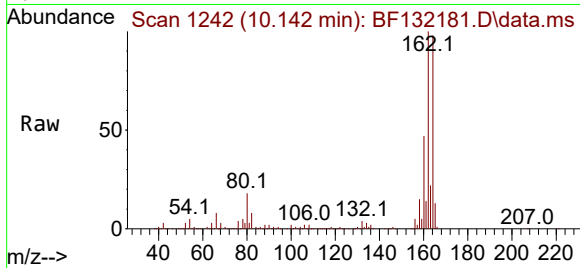




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

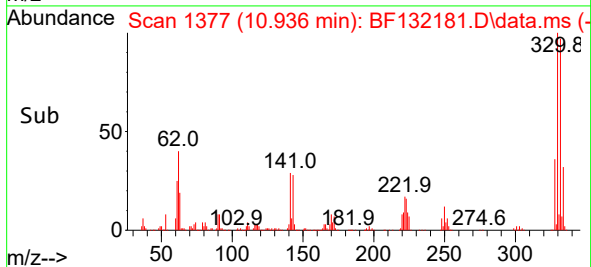
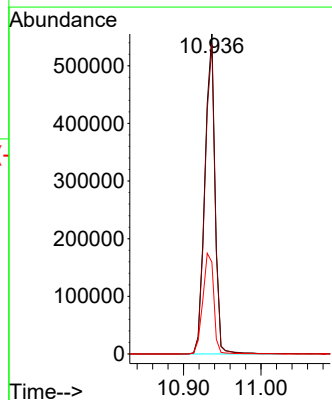
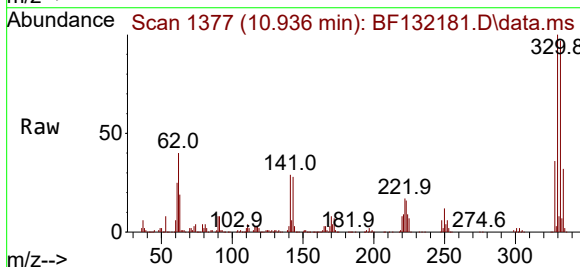
Instrument :
BNA_F
ClientSampleId :
B-P38B

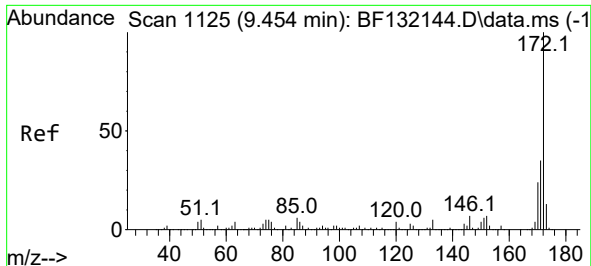
Tgt Ion:164 Resp: 338703
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 47.6 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 139.467 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion:330 Resp: 504573
Ion Ratio Lower Upper
330 100
332 96.8 75.6 113.4
141 34.0 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 73.787 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132181.D

Acq: 21 Jan 2023 02:00

Instrument :

BNA_F

ClientSampleId :

B-P38B

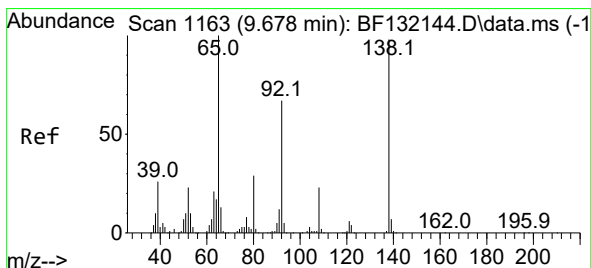
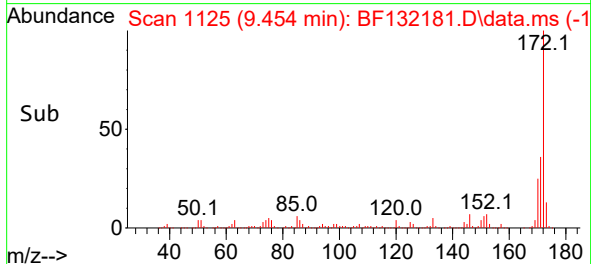
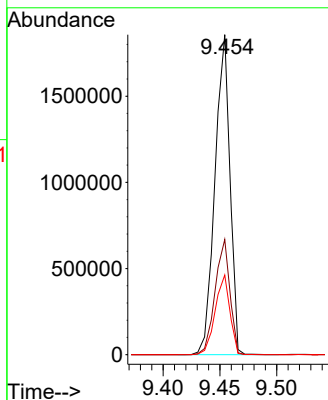
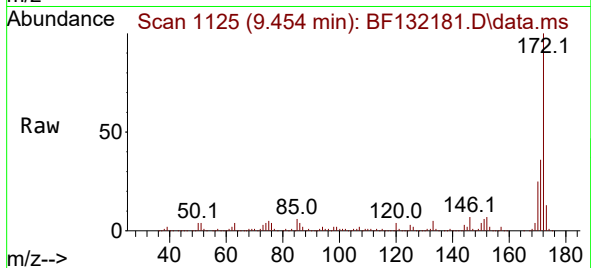
Tgt Ion:172 Resp: 1710341

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 24.9 19.6 29.4



#48

2-Nitroaniline

Concen: 2.582 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.124 min

Lab File: BF132181.D

Acq: 21 Jan 2023 02:00

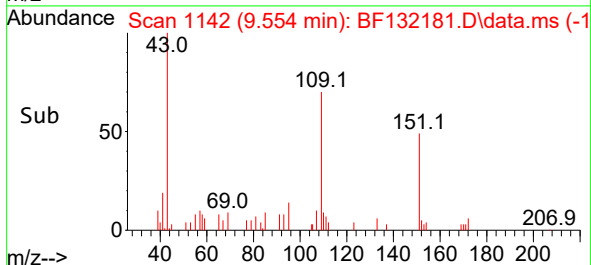
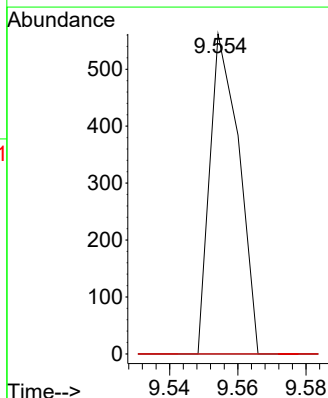
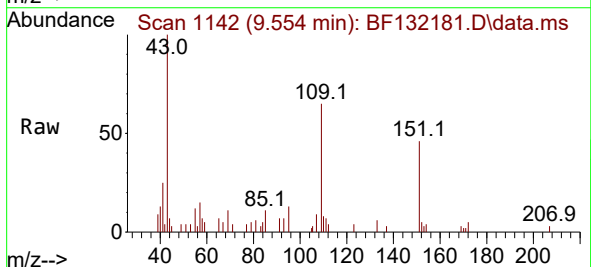
Tgt Ion: 65 Resp: 334

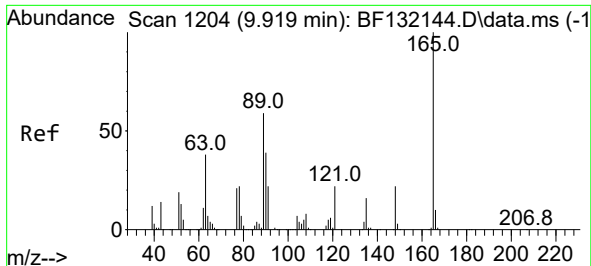
Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.6#

138 0.0 78.7 118.1#

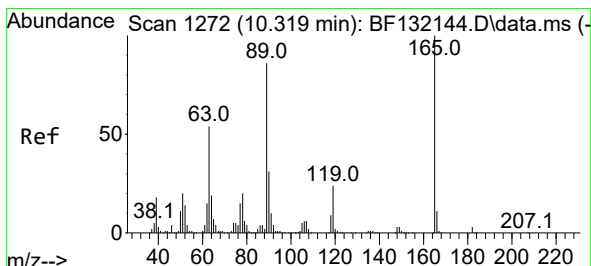
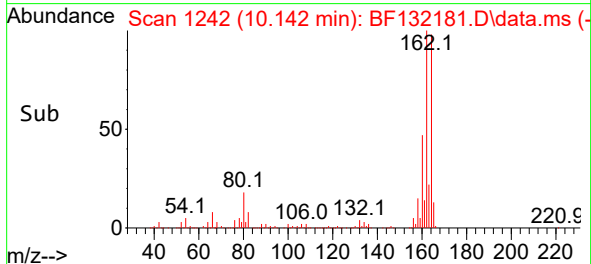
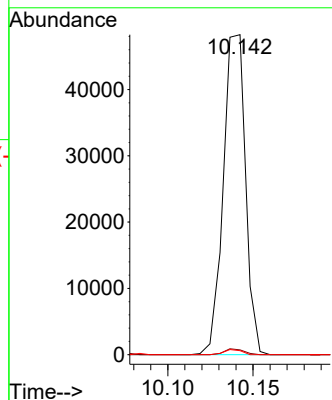
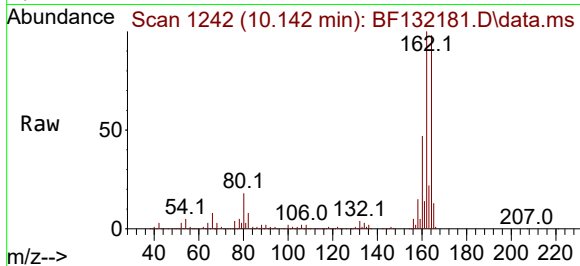




#51
2,6-Dinitrotoluene
Concen: 9.214 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.223 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

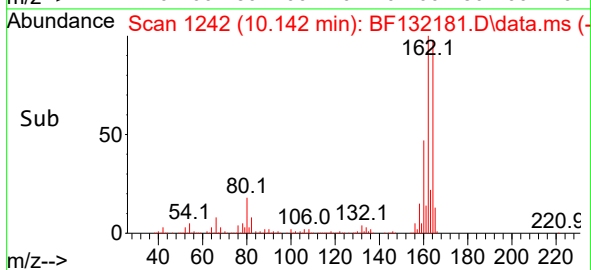
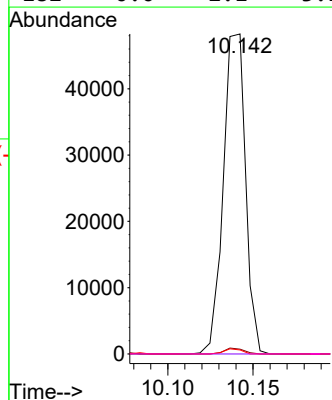
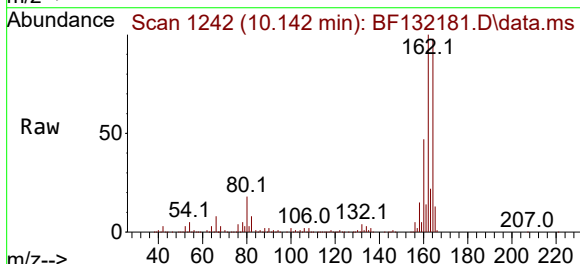
Instrument :
BNA_F
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B-P38B

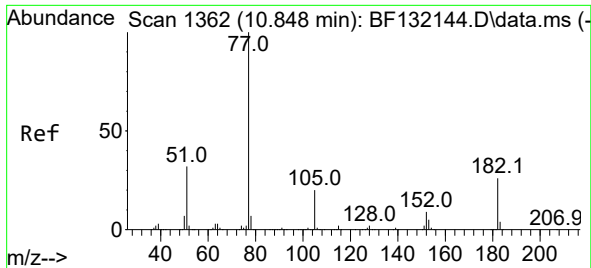
Tgt Ion:165 Resp: 43812
Ion Ratio Lower Upper
165 100
63 1.5 46.6 70.0#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.676 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion:165 Resp: 43812
Ion Ratio Lower Upper
165 100
63 1.5 43.5 65.3#
89 1.2 69.0 103.6#
182 0.0 2.1 3.1#

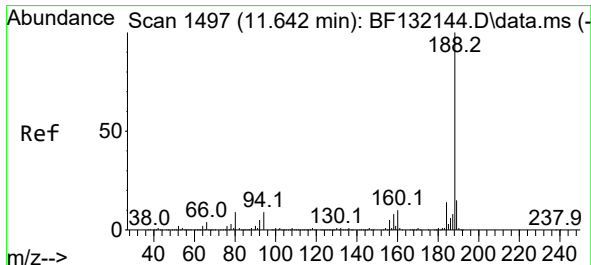
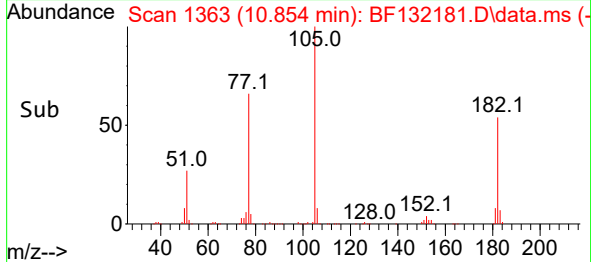
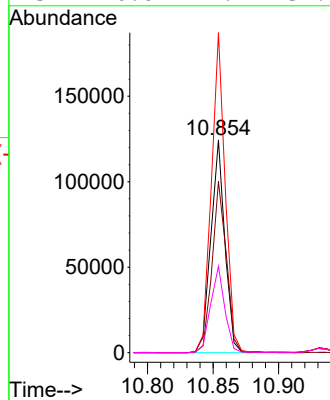
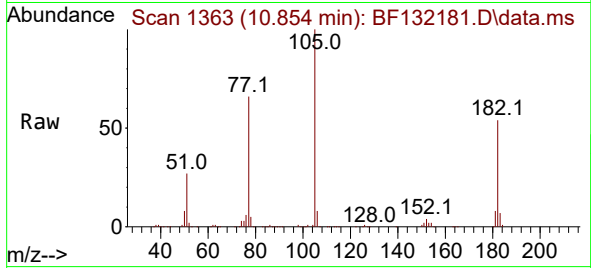




#63
Azobenzene
Concen: 3.847 ng
RT: 10.854 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

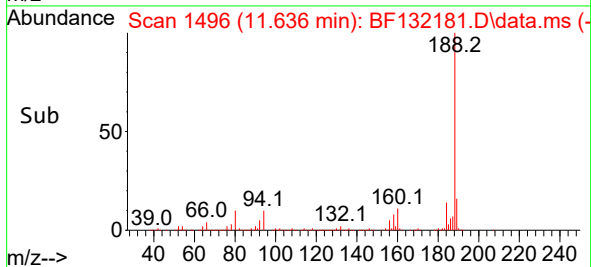
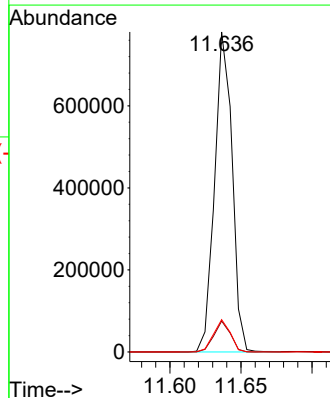
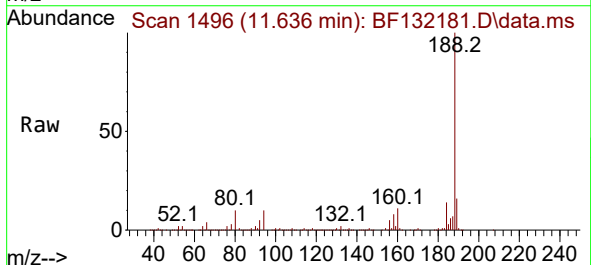
Instrument :
BNA_F
ClientSampleId :
B-P38B

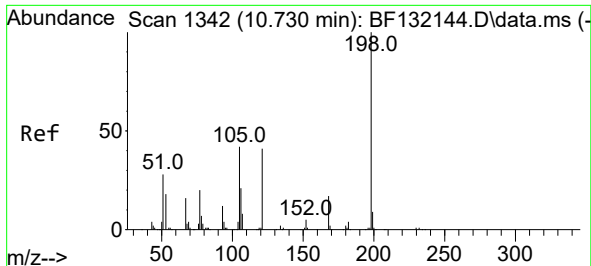
Tgt Ion: 77 Resp: 92884
Ion Ratio Lower Upper
77 100
182 80.5 6.4 46.4#
105 150.4 0.0 39.8#
51 40.6 12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.636 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion: 188 Resp: 667544
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.1 7.5 11.3

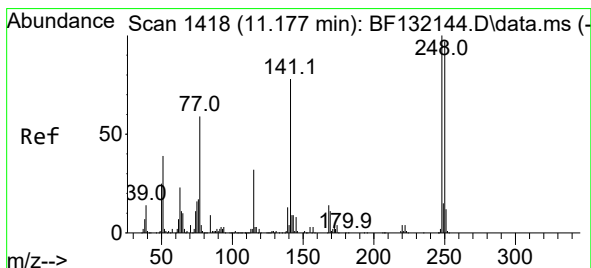
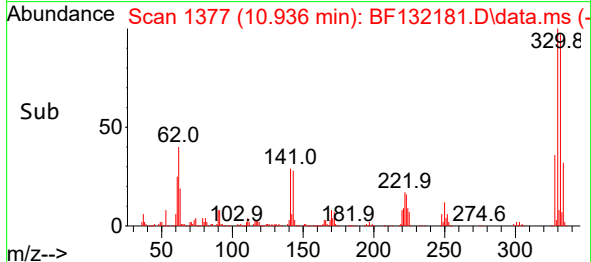
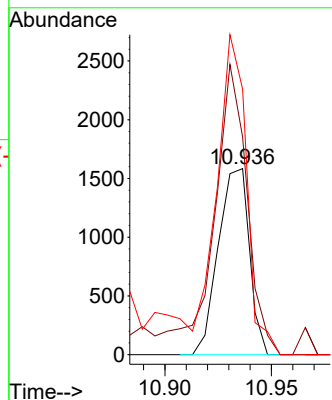
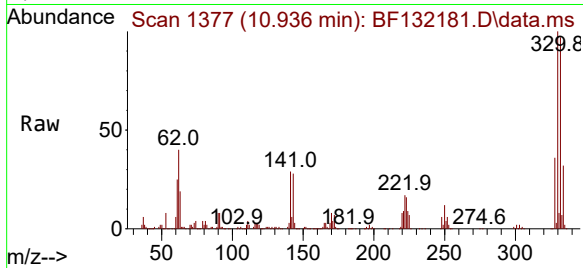




#65
4,6-Dinitro-2-methylphenol
Concen: 8.220 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.206 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

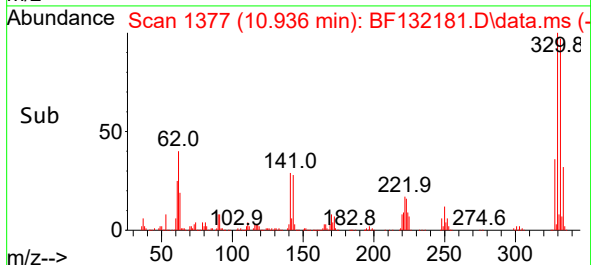
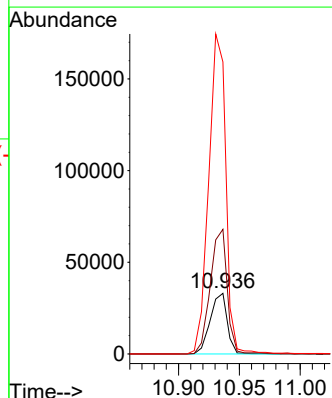
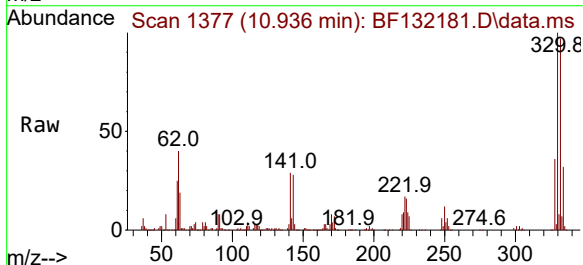
Instrument :
BNA_F
ClientSampleId :
B-P38B

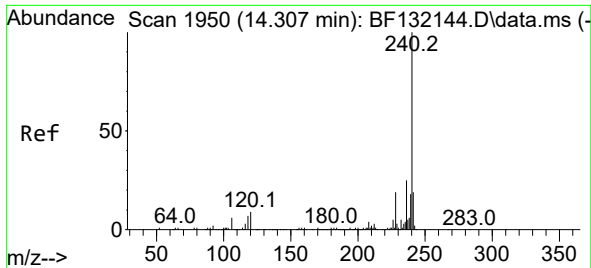
Tgt Ion:198 Resp: 1603
Ion Ratio Lower Upper
198 100
51 117.0 24.3 64.3#
105 142.7 23.3 63.3#



#67
4-Bromophenyl-phenylether
Concen: 3.964 ng
RT: 10.936 min Scan# 1377
Delta R.T. -0.241 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion:248 Resp: 32253
Ion Ratio Lower Upper
248 100
250 205.5 77.4 116.0#
141 481.4 62.2 93.2#

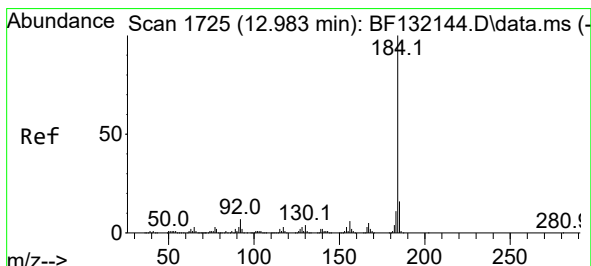
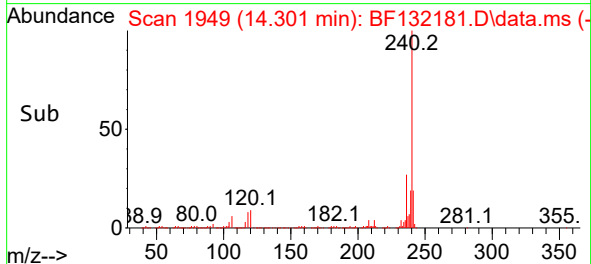
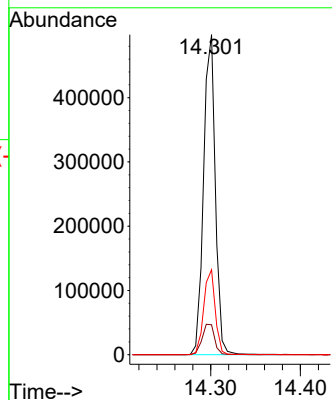
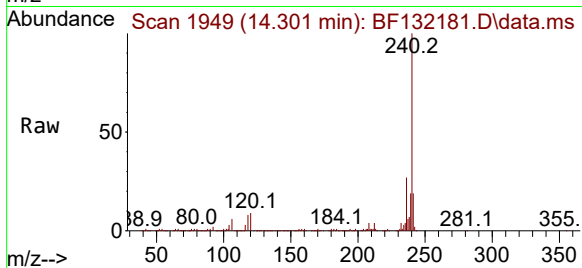




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

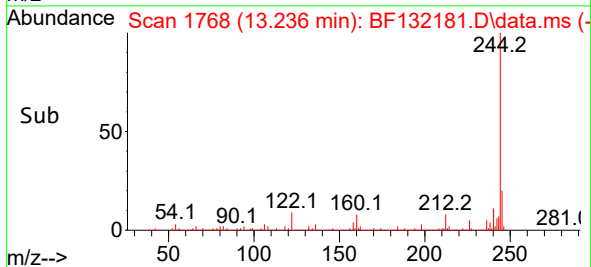
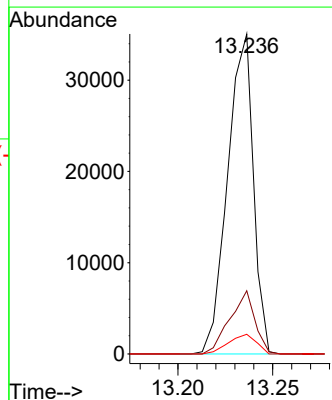
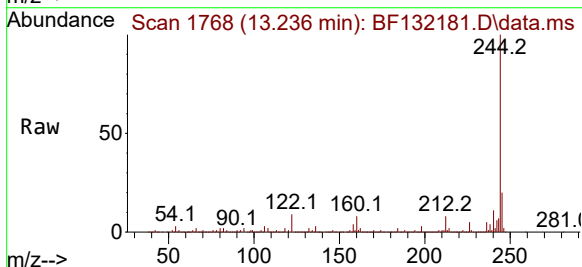
Instrument :
BNA_F
ClientSampleId :
B-P38B

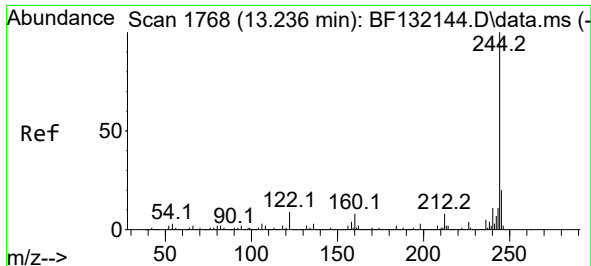
Tgt Ion:240 Resp: 452870
Ion Ratio Lower Upper
240 100
120 9.4 6.9 10.3
236 26.5 20.3 30.5



#77
Benidine
Concen: 2.434 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.253 min
Lab File: BF132181.D
Acq: 21 Jan 2023 02:00

Tgt Ion:184 Resp: 33096
Ion Ratio Lower Upper
184 100
185 19.8 12.5 18.7#
183 6.2 9.0 13.4#

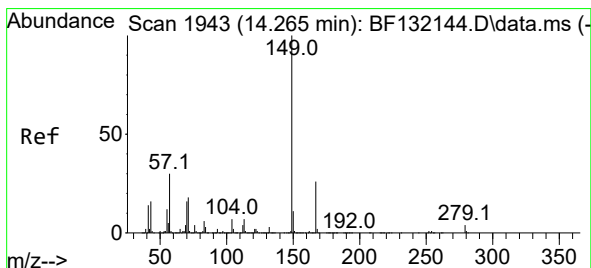
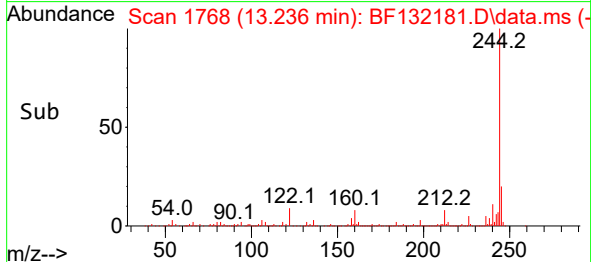
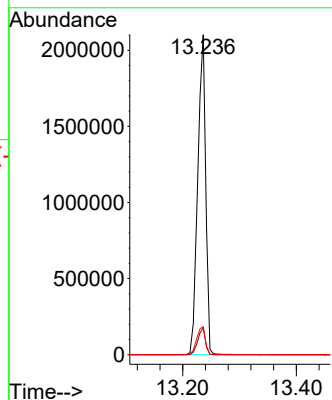
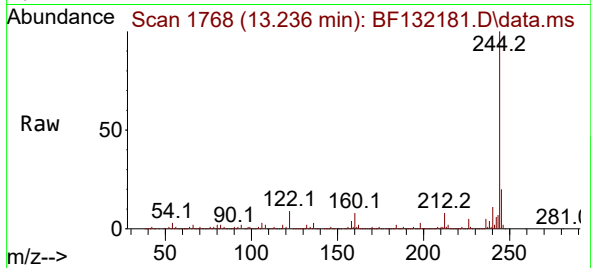




#79
 Terphenyl-d14
 Concen: 76.094 ng
 RT: 13.236 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BF132181.D
 Acq: 21 Jan 2023 02:00

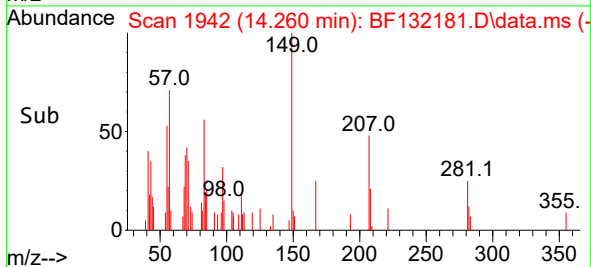
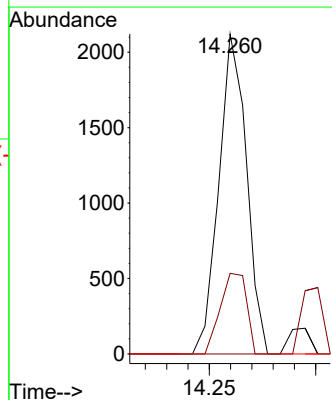
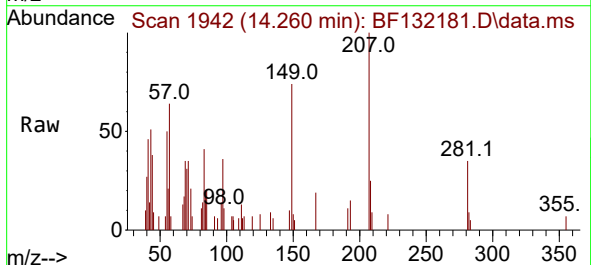
Instrument :
 BNA_F
 ClientSampleId :
 B-P38B

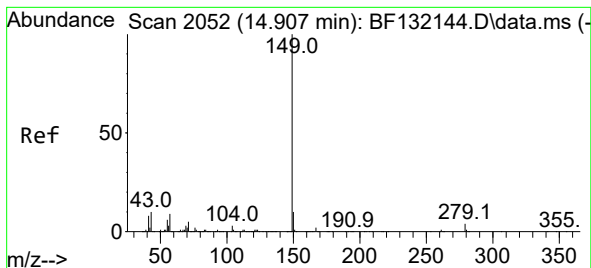
Tgt Ion:244 Resp: 2057233
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 8.8 7.4 11.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.590 ng
 RT: 14.260 min Scan# 1942
 Delta R.T. -0.005 min
 Lab File: BF132181.D
 Acq: 21 Jan 2023 02:00

Tgt Ion:149 Resp: 1913
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.6
 279 0.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 5.342 ng

RT: 14.889 min Scan# 2052

Delta R.T. -0.018 min

Lab File: BF132181.D

Acq: 21 Jan 2023 02:00

Instrument :

BNA_F

ClientSampleId :

B-P38B

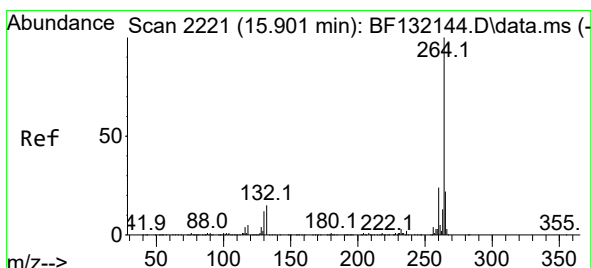
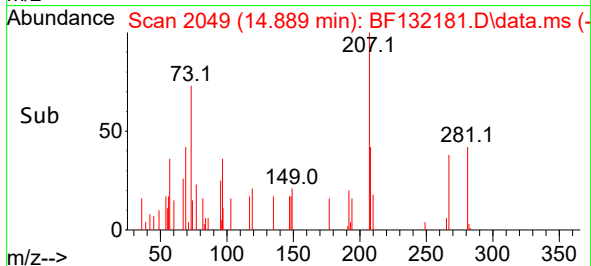
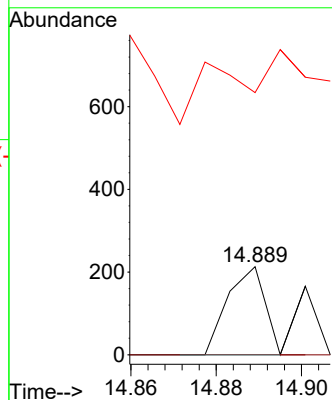
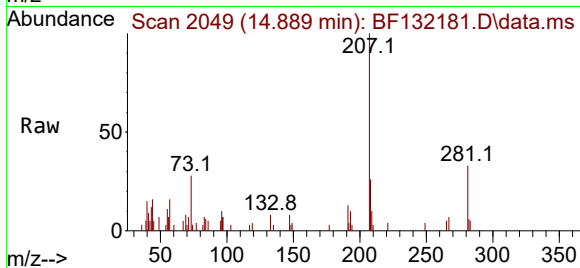
Tgt Ion:149 Resp: 129

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 2220

Delta R.T. -0.006 min

Lab File: BF132181.D

Acq: 21 Jan 2023 02:00

Tgt Ion:264 Resp: 378822

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.1 17.4 26.0

