

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132179.D
 Acq On : 21 Jan 2023 00:56
 Operator : CG\JU
 Sample : 01233-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P36A

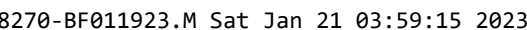
Quant Time: Jan 21 03:59:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

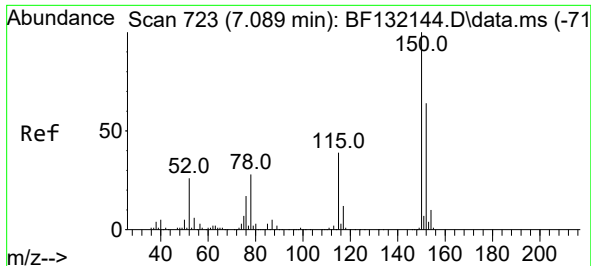
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	189363	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	681160	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	365830	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	725377	20.000	ng	0.00
76) Chrysene-d12	14.301	240	477461	20.000	ng	0.00
86) Perylene-d12	15.895	264	393144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1263847	116.590	ng	0.01
7) Phenol-d6	6.701	99	1681809	123.249	ng	0.00
23) Nitrobenzene-d5	7.654	82	1102226	85.962	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	529540	135.515	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1770150	70.705	ng	0.00
79) Terphenyl-d14	13.236	244	2172272	76.211	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.654	70	152644	18.262	ng	# 75
25) Isophorone	7.654	82	1102213	43.933	ng	# 67
32) Benzoic acid	8.019	122	153	7.871	ng	92
48) 2-Nitroaniline	9.554	65	393	2.587	ng	# 7
51) 2,6-Dinitrotoluene	10.142	165	47958	9.338	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	47958	7.780	ng	# 16
63) Azobenzene	10.854	77	62980	2.415	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.936	198	1455	8.153	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	34033	3.849	ng	# 1
77) Benzidine	13.236	184	34910	2.435	ng	# 86
84) Bis(2-ethylhexyl)phtha...	14.260	149	1260	3.553	ng	# 89
85) Di-n-octyl phthalate	14.913	149	390	5.352	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
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QLast Update : Fri Jan 20 00:50:42 2023
Response via : Initial Calibration

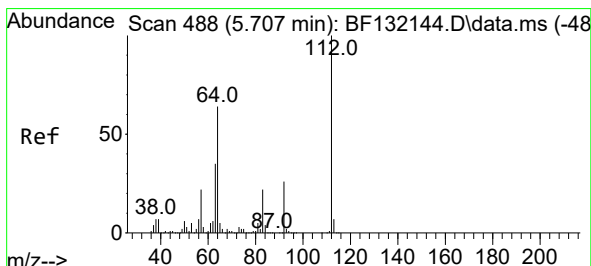
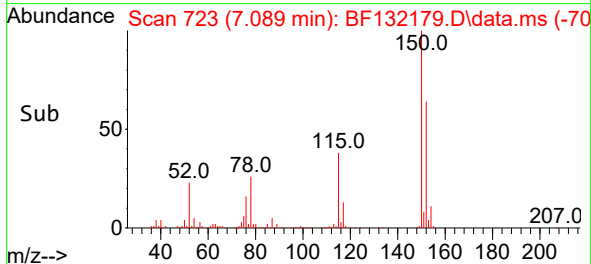
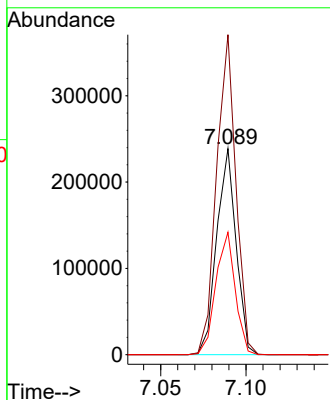
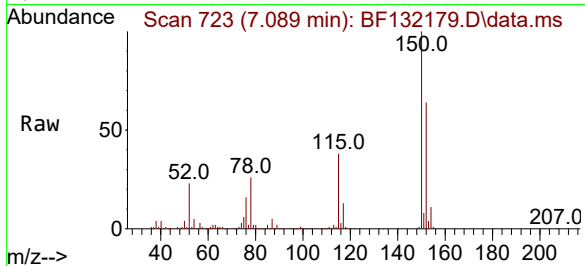




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

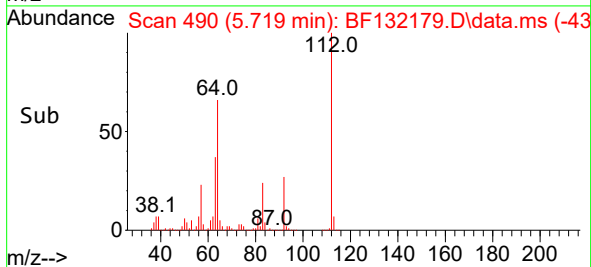
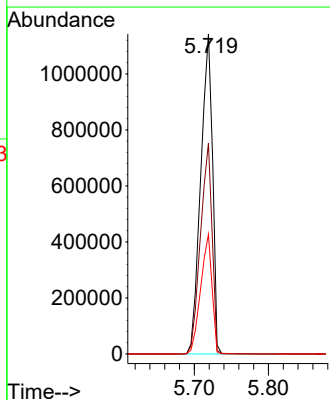
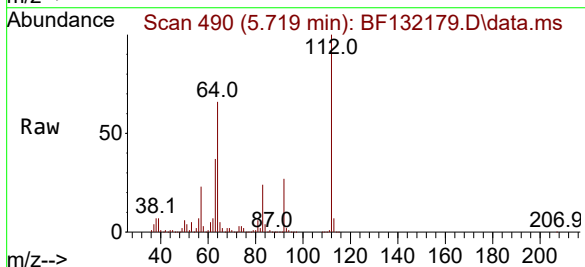
Instrument :
BNA_F
ClientSampleId :
B-P36A

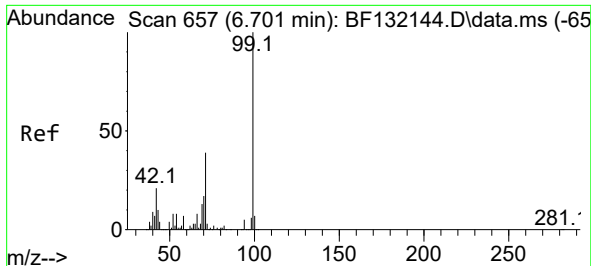
Tgt Ion:152 Resp: 189363
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.8
115 59.4 49.2 73.8



#5
2-Fluorophenol
Concen: 116.590 ng
RT: 5.719 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion:112 Resp: 1263847
Ion Ratio Lower Upper
112 100
64 65.9 51.4 77.0
63 37.4 28.2 42.2



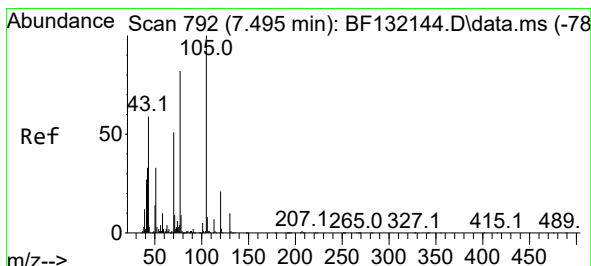
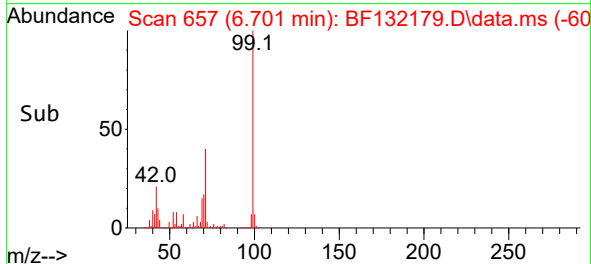
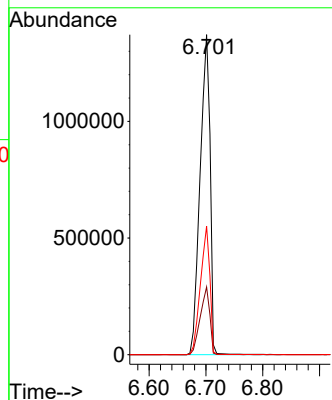
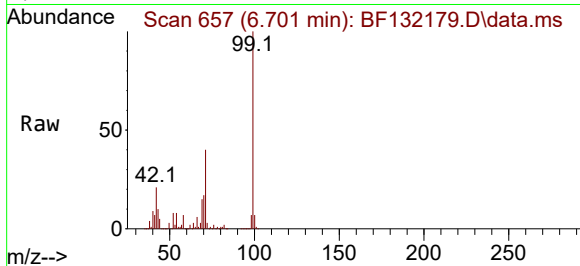


#7
Phenol-d6
Concen: 123.249 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Instrument :
BNA_F
ClientSampleId :
B-P36A

Tgt Ion: 99 Resp: 1681809

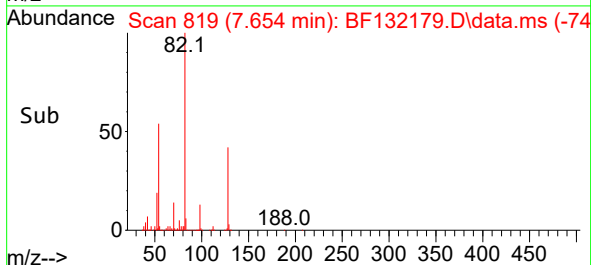
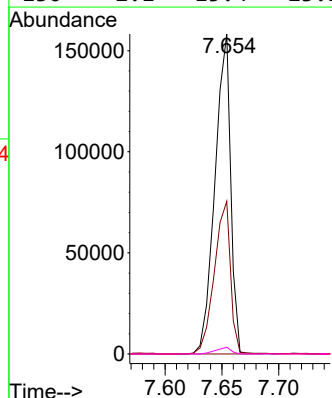
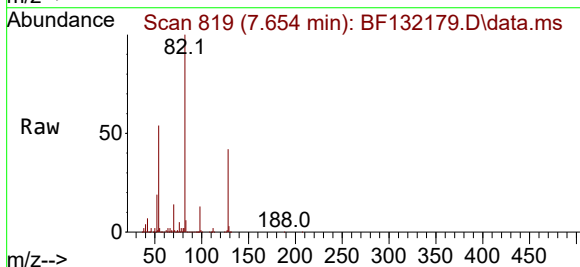
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	24.8
71	40.2	30.8	46.2

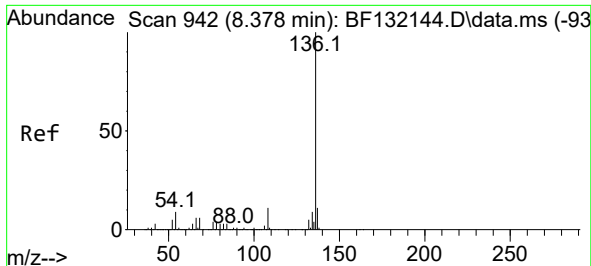


#19
n-Nitroso-di-n-propylamine
Concen: 18.262 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.159 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion: 70 Resp: 152644

Ion	Ratio	Lower	Upper
70	100		
42	47.7	51.0	76.4#
101	0.0	7.3	10.9#
130	2.1	15.4	23.2#



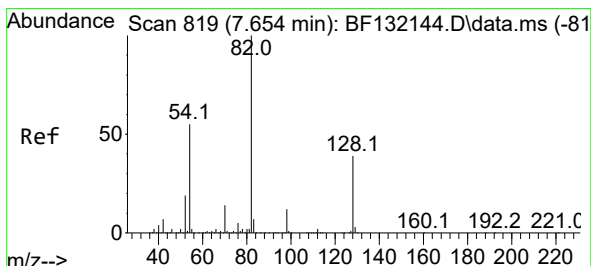
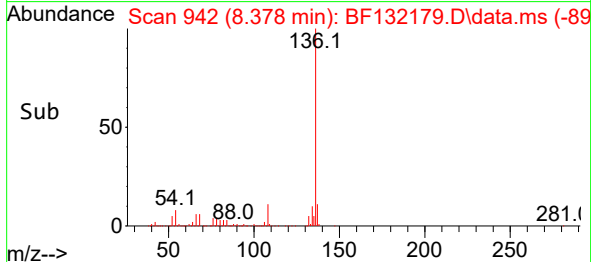
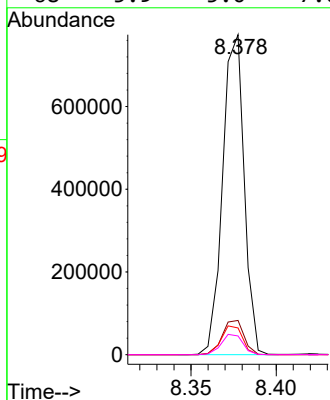
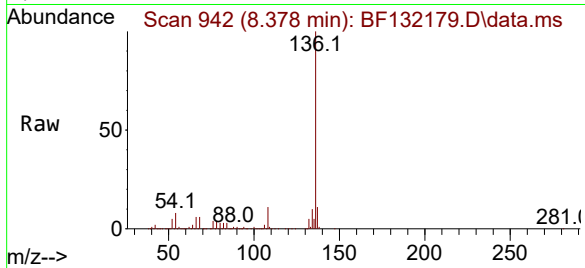


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Instrument :
BNA_F
ClientSampleId :
B-P36A

Tgt Ion:136 Resp: 681160

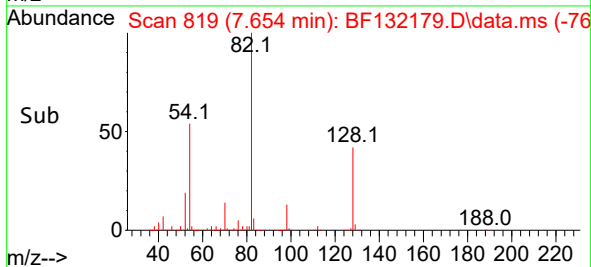
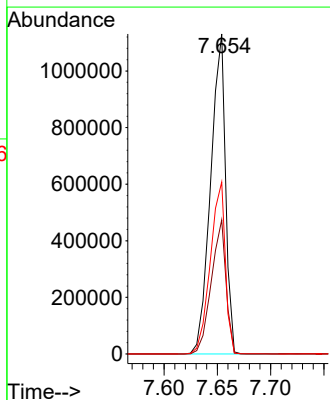
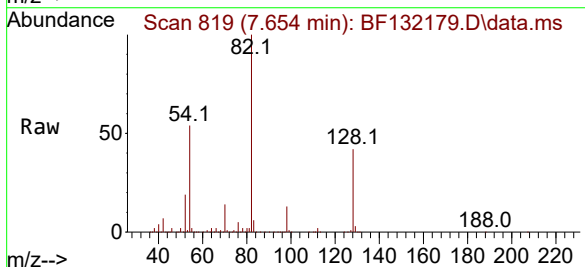
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	7.0	10.6
68	5.9	5.0	7.6

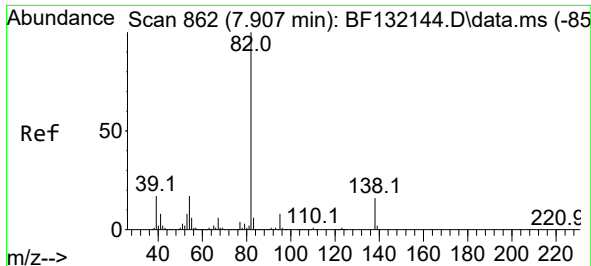


#23
Nitrobenzene-d5
Concen: 85.962 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion: 82 Resp: 1102226

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.1	46.7
54	53.7	43.9	65.9

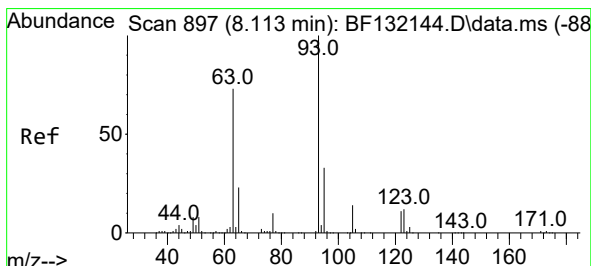
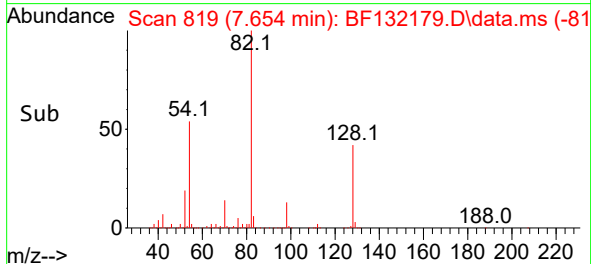
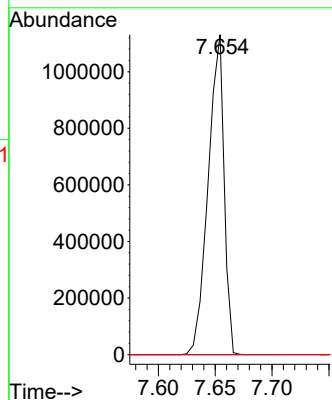
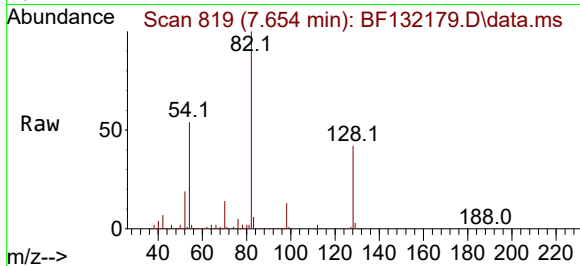




#25
Isophorone
Concen: 43.933 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

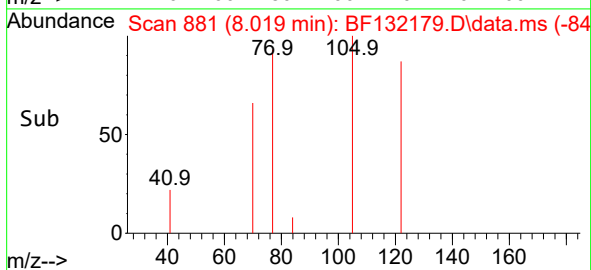
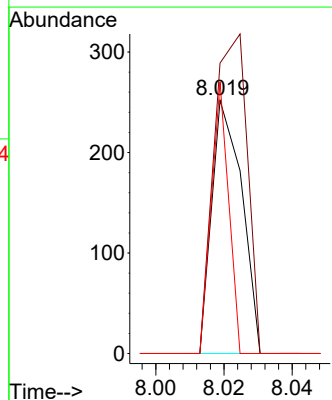
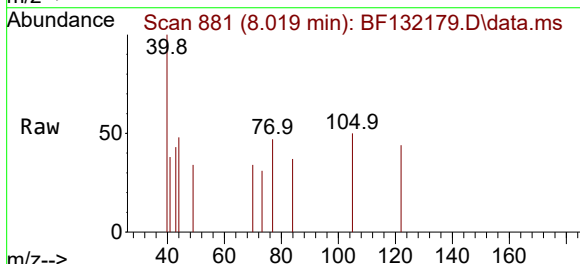
Instrument :
BNA_F
ClientSampleId :
B-P36A

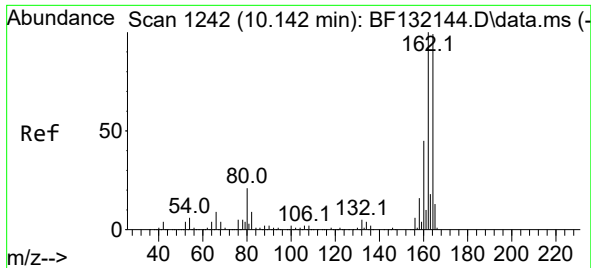
Tgt Ion: 82 Resp: 1102213
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.871 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.094 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion:122 Resp: 153
Ion Ratio Lower Upper
122 100
105 114.7 96.8 136.8
77 107.1 72.5 112.5

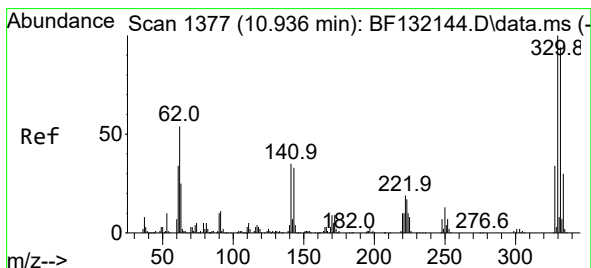
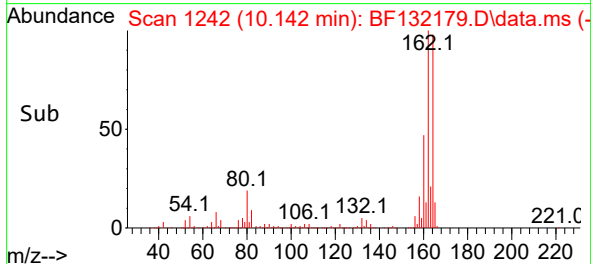
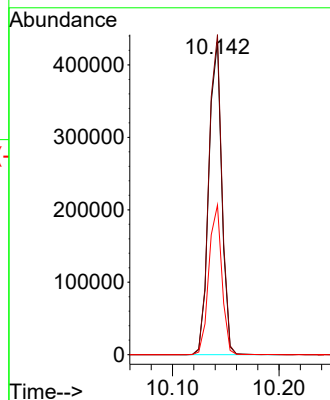
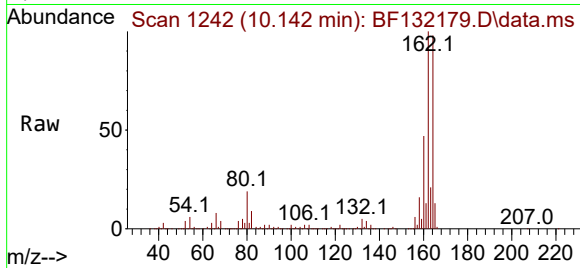




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

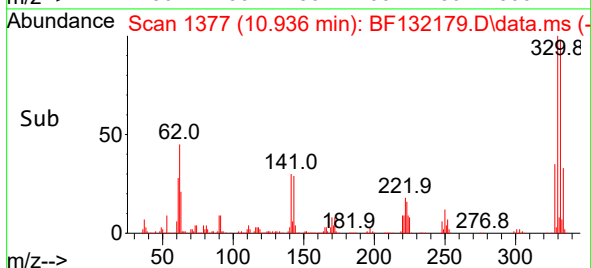
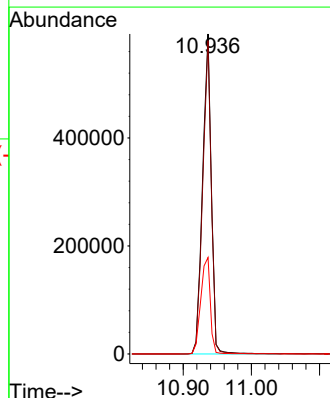
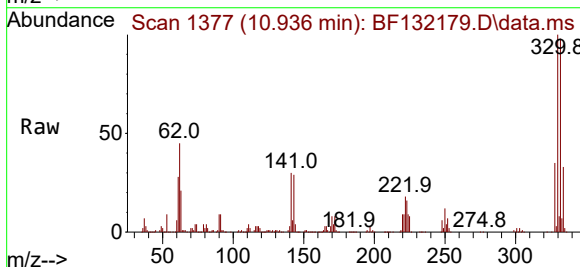
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ClientSampleId :
B-P36A

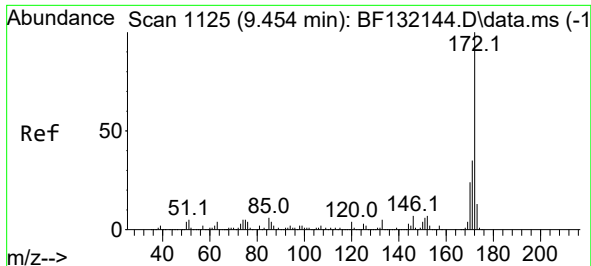
Tgt Ion:164 Resp: 365830
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 47.8 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 135.515 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion:330 Resp: 529540
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 33.1 27.1 40.7

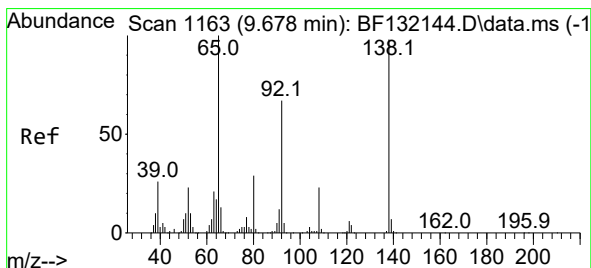
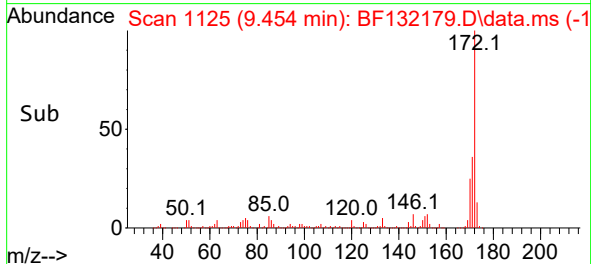
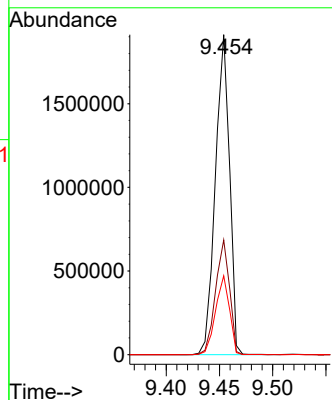
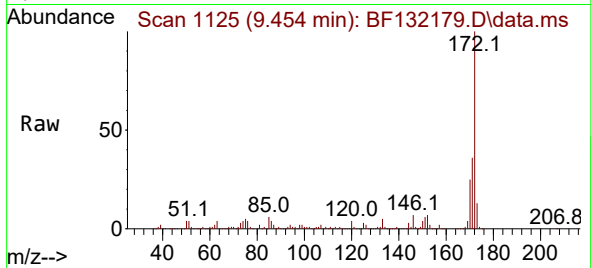




#45
2-Fluorobiphenyl
Concen: 70.705 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

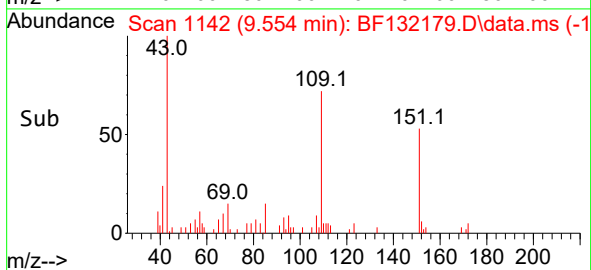
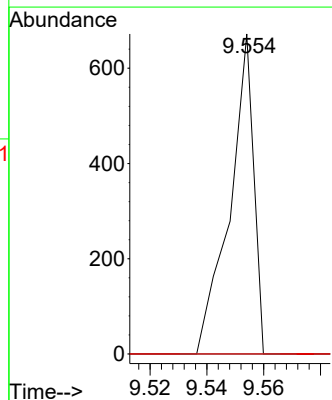
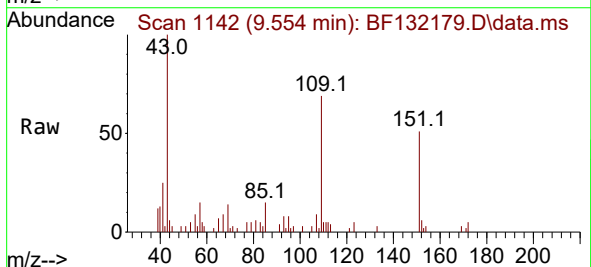
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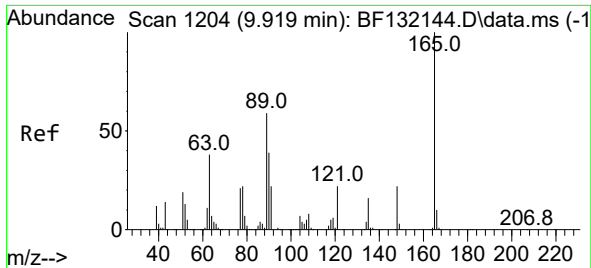
Tgt Ion:172 Resp: 1770150
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.7 19.6 29.4



#48
2-Nitroaniline
Concen: 2.587 ng
RT: 9.554 min Scan# 1142
Delta R.T. -0.124 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion: 65 Resp: 393
Ion Ratio Lower Upper
65 100
92 0.0 53.8 80.6#
138 0.0 78.7 118.1#

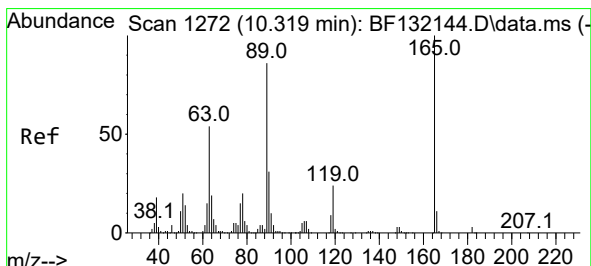
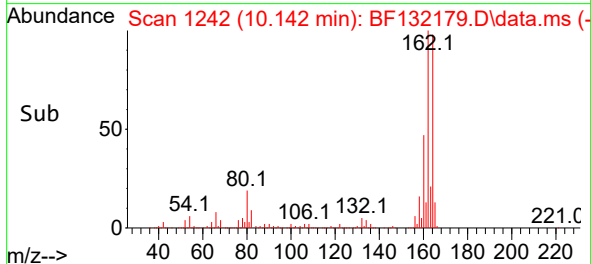
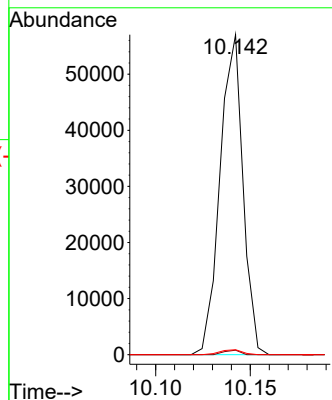
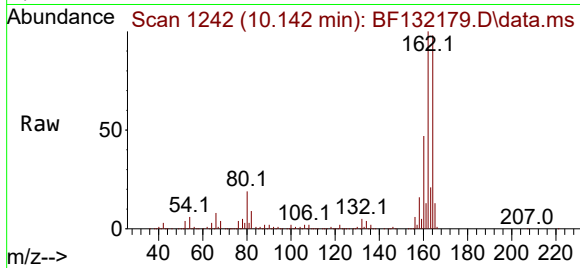




#51
2,6-Dinitrotoluene
Concen: 9.338 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.223 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

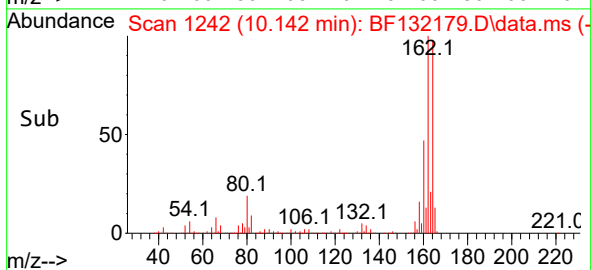
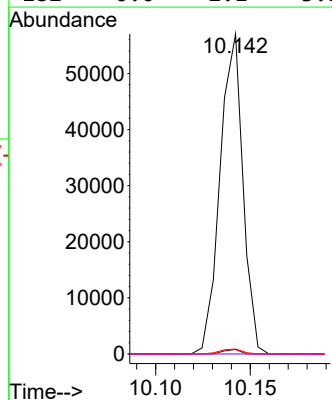
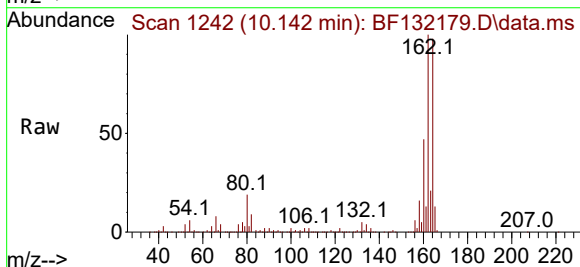
Instrument :
BNA_F
ClientSampleId :
B-P36A

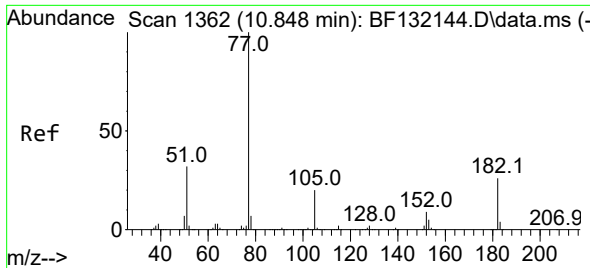
Tgt Ion:165 Resp: 47958
Ion Ratio Lower Upper
165 100
63 1.4 46.6 70.0#
89 1.6 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.780 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion:165 Resp: 47958
Ion Ratio Lower Upper
165 100
63 1.4 43.5 65.3#
89 1.6 69.0 103.6#
182 0.0 2.1 3.1#

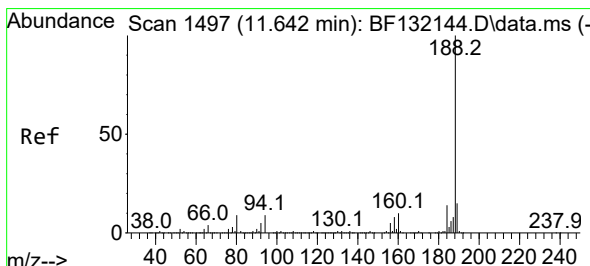
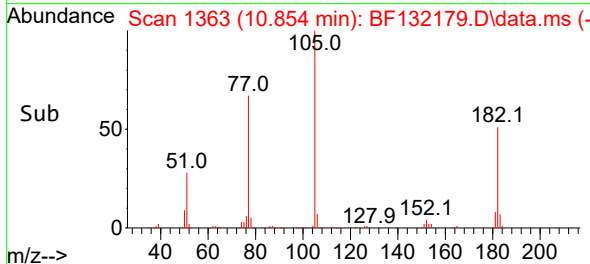
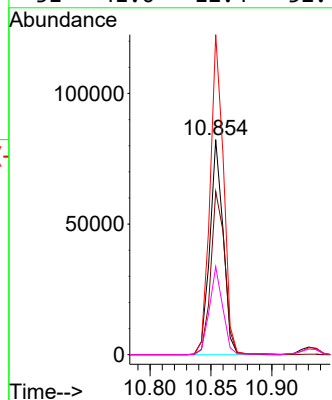
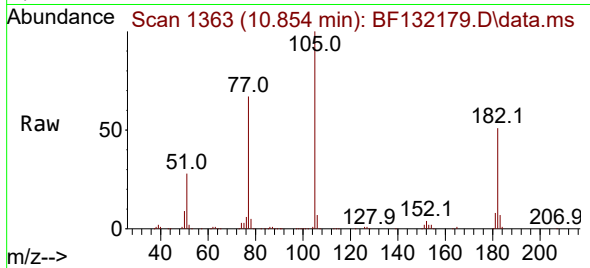




#63
 Azobenzene
 Concen: 2.415 ng
 RT: 10.854 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132179.D
 Acq: 21 Jan 2023 00:56

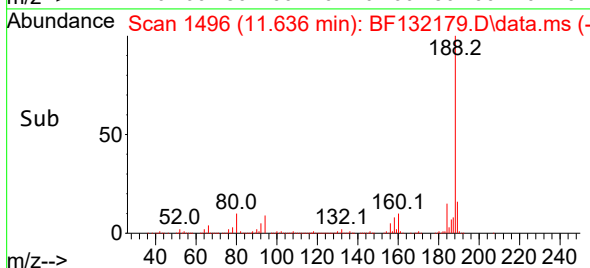
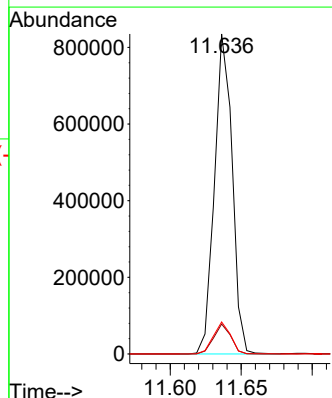
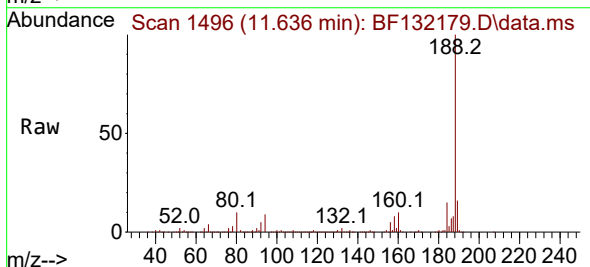
Instrument :
 BNA_F
 ClientSampleId :
 B-P36A

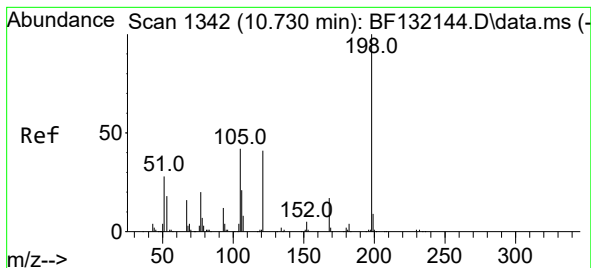
Tgt Ion: 77	Resp: 62980
Ion Ratio	Lower Upper
77 100	
182 75.9	6.4 46.4#
105 148.8	0.0 39.8#
51 41.0	12.4 52.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.636 min Scan# 1496
 Delta R.T. -0.006 min
 Lab File: BF132179.D
 Acq: 21 Jan 2023 00:56

Tgt Ion: 188	Resp: 725377
Ion Ratio	Lower Upper
188 100	
94 9.3	6.9 10.3
80 10.0	7.5 11.3

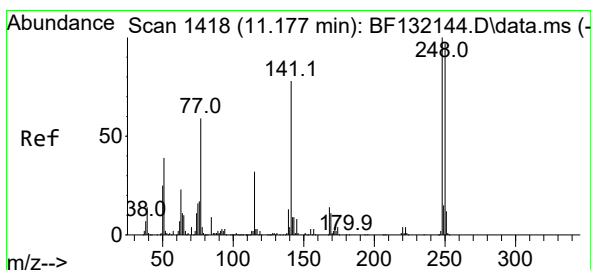
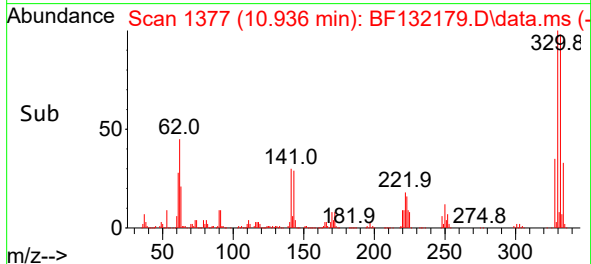
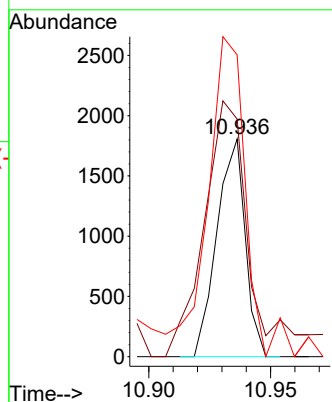
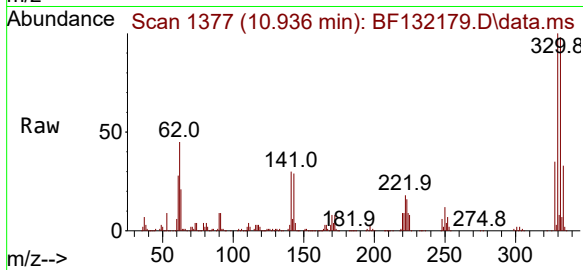




#65
4,6-Dinitro-2-methylphenol
Concen: 8.153 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.206 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

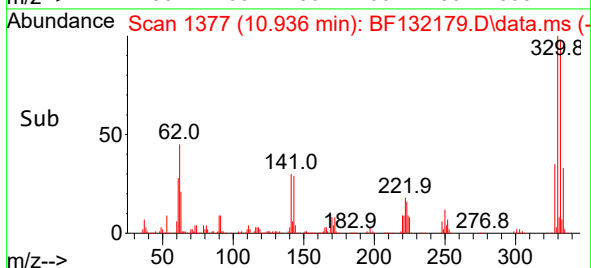
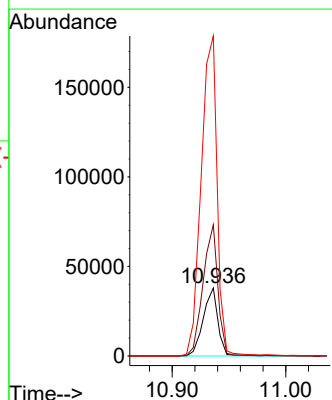
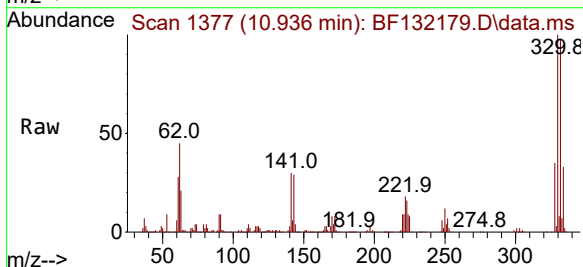
Instrument :
BNA_F
ClientSampleId :
B-P36A

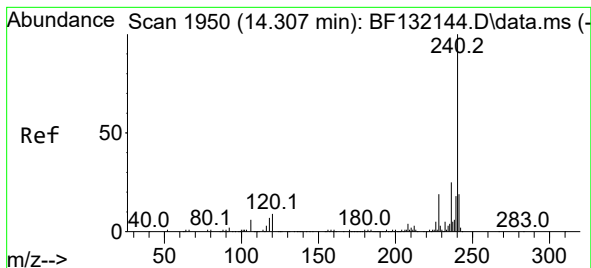
Tgt Ion:198 Resp: 1455
Ion Ratio Lower Upper
198 100
51 109.1 24.3 64.3#
105 138.6 23.3 63.3#



#67
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.936 min Scan# 1377
Delta R.T. -0.241 min
Lab File: BF132179.D
Acq: 21 Jan 2023 00:56

Tgt Ion:248 Resp: 34033
Ion Ratio Lower Upper
248 100
250 193.1 77.4 116.0#
141 471.0 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: BF132179.D

Acq: 21 Jan 2023 00:56

Instrument :

BNA_F

ClientSampleId :

B-P36A

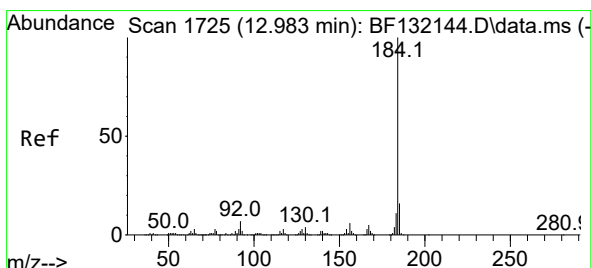
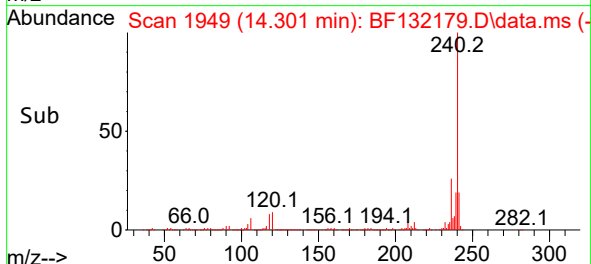
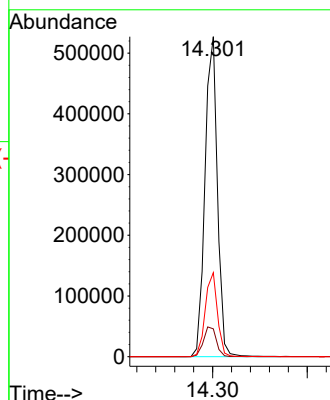
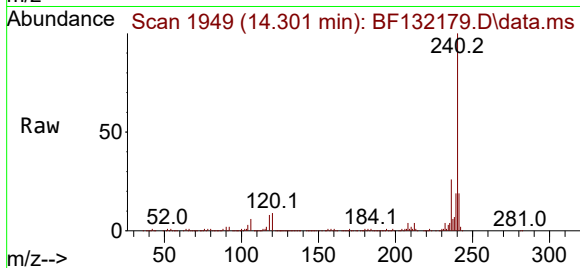
Tgt Ion:240 Resp: 477461

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

236 26.2 20.3 30.5



#77

Benzidine

Concen: 2.435 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.253 min

Lab File: BF132179.D

Acq: 21 Jan 2023 00:56

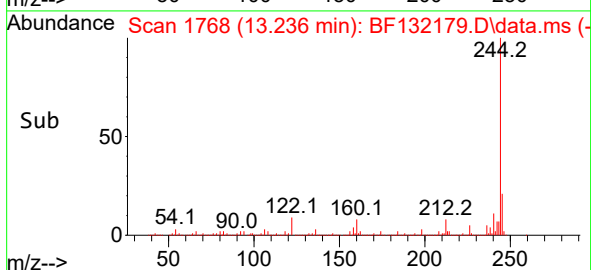
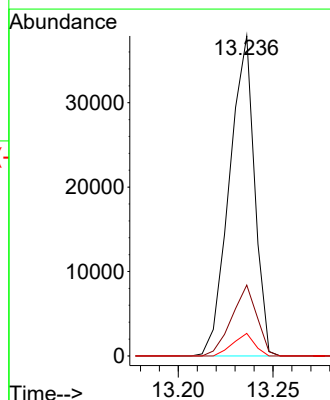
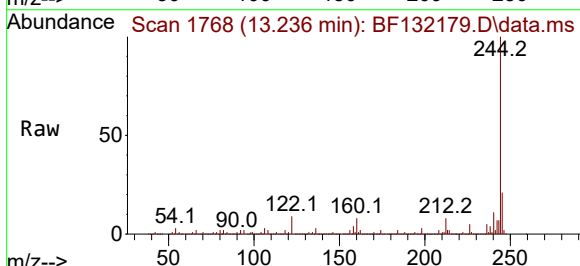
Tgt Ion:184 Resp: 34910

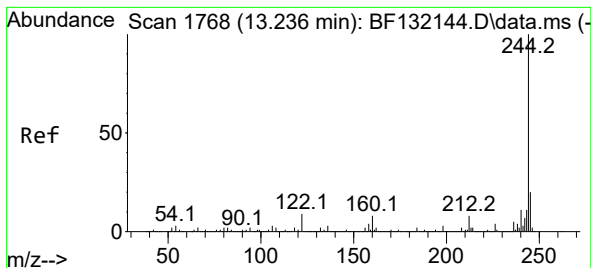
Ion Ratio Lower Upper

184 100

185 22.1 12.5 18.7#

183 7.0 9.0 13.4#





#79

Terphenyl-d14

Concen: 76.211 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132179.D

Acq: 21 Jan 2023 00:56

Instrument :

BNA_F

ClientSampleId :

B-P36A

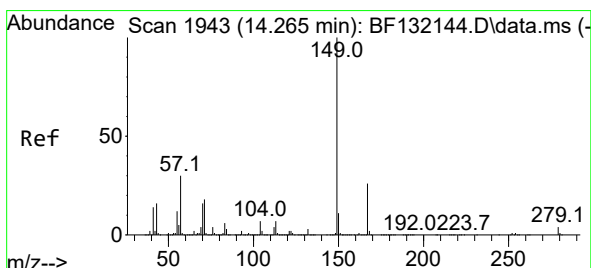
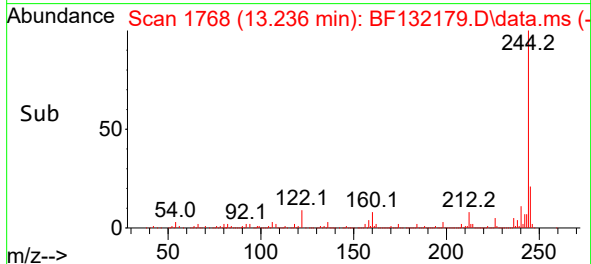
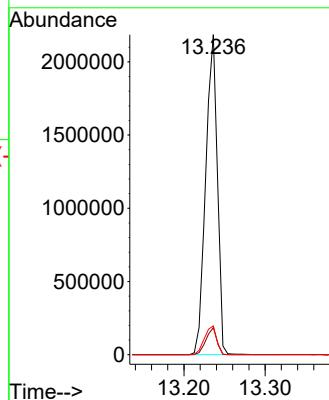
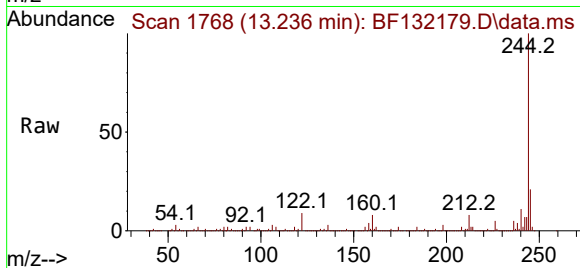
Tgt Ion:244 Resp: 2172272

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

122 9.0 7.4 11.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.553 ng

RT: 14.260 min Scan# 1942

Delta R.T. -0.005 min

Lab File: BF132179.D

Acq: 21 Jan 2023 00:56

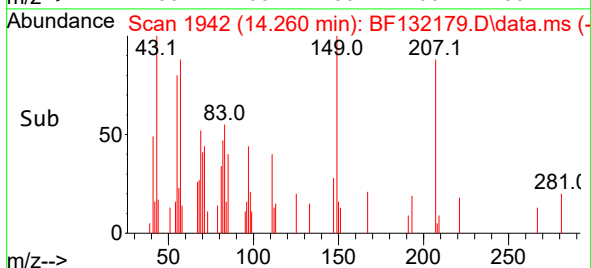
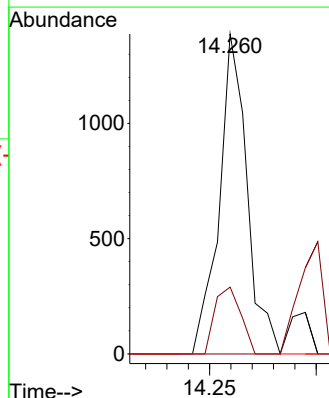
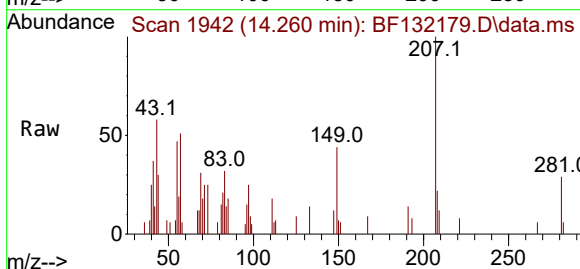
Tgt Ion:149 Resp: 1260

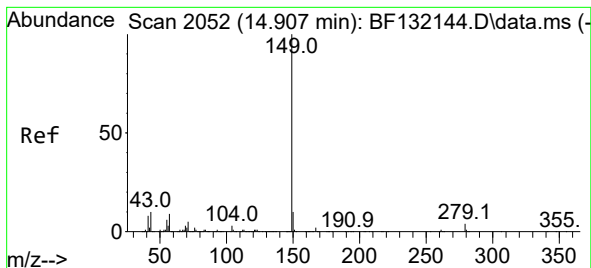
Ion Ratio Lower Upper

149 100

167 20.9 21.0 31.6#

279 0.0 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 5.352 ng

RT: 14.913 min Scan# 2053

Delta R.T. 0.005 min

Lab File: BF132179.D

Acq: 21 Jan 2023 00:56

Instrument :

BNA_F

ClientSampleId :

B-P36A

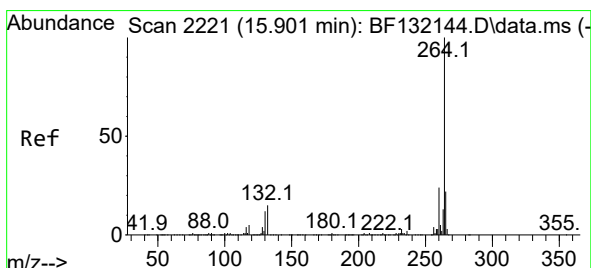
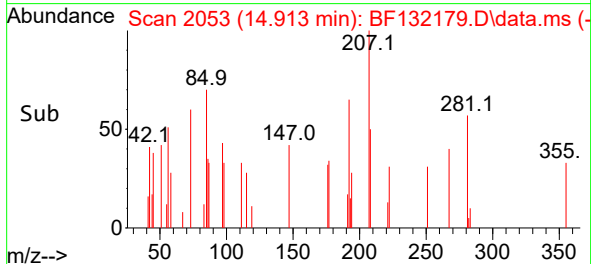
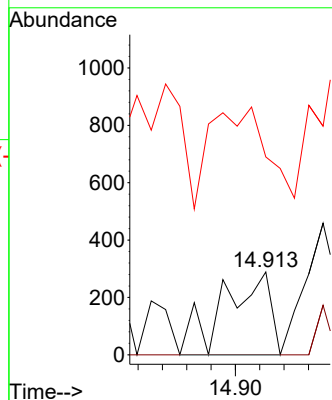
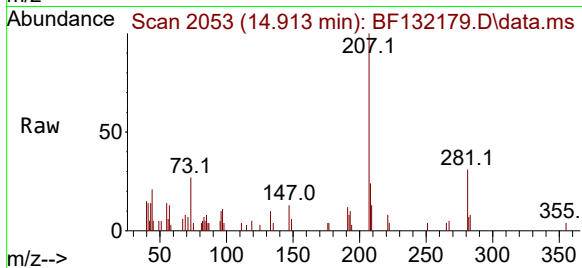
Tgt Ion:149 Resp: 390

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 148.5 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: BF132179.D

Acq: 21 Jan 2023 00:56

Tgt Ion:264 Resp: 393144

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.9 17.4 26.0

