

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132165.D
 Acq On : 20 Jan 2023 17:13
 Operator : CG\JU
 Sample : PB150261BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150261BL

Quant Time: Jan 21 03:54:09 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)

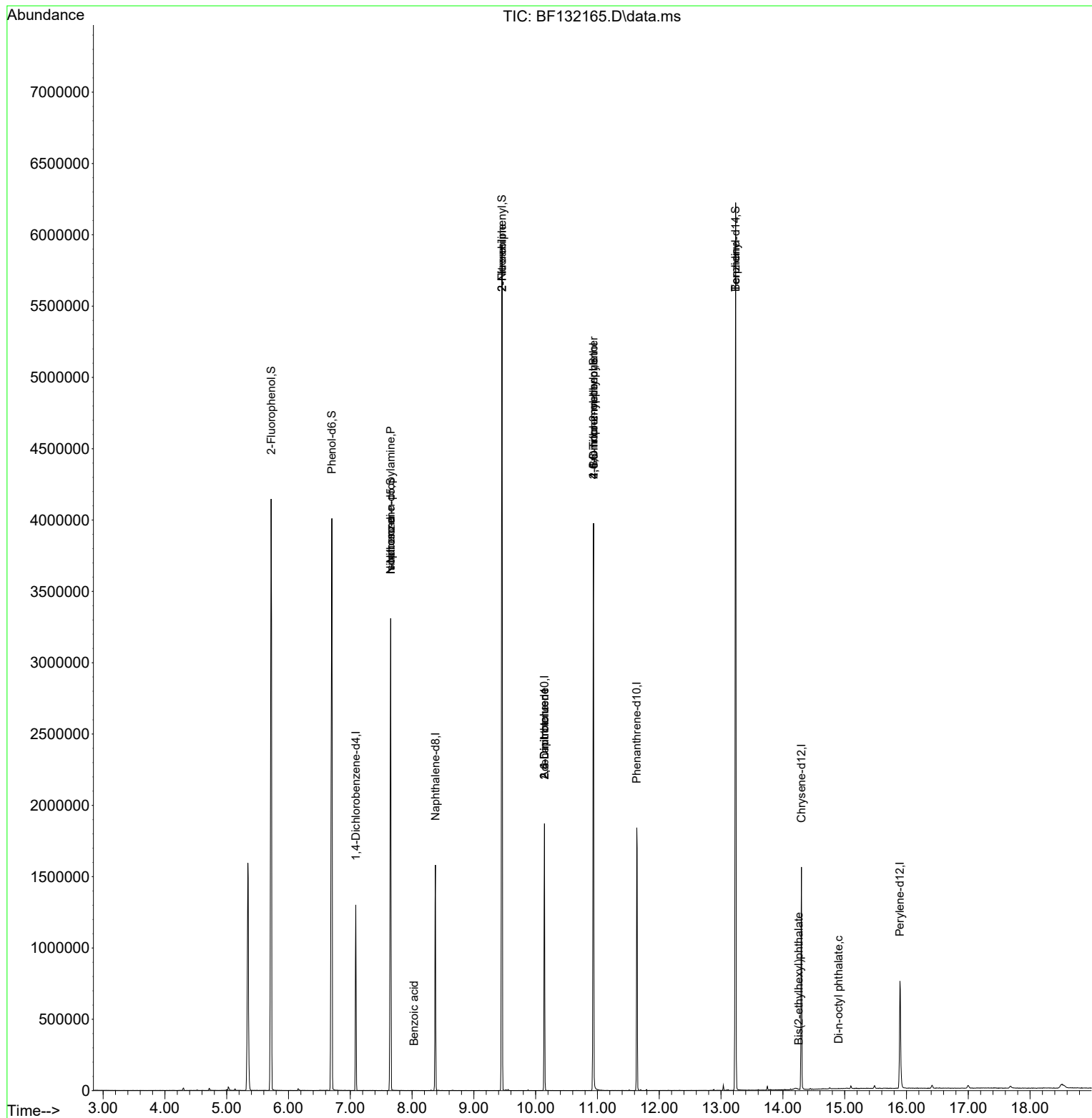
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	171556	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	633903	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	340865	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	680722	20.000	ng	0.00
76) Chrysene-d12	14.301	240	505881	20.000	ng	0.00
86) Perylene-d12	15.895	264	372835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	1225565	124.794	ng	0.01
7) Phenol-d6	6.701	99	1574765	127.383	ng	0.00
23) Nitrobenzene-d5	7.654	82	1052051	88.165	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	477692	131.200	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1743986	74.762	ng	0.00
79) Terphenyl-d14	13.236	244	2210852	73.207	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.654	70	145164	19.170	ng	# 76
25) Isophorone	7.654	82	1052036	45.059	ng	# 67
32) Benzoic acid	8.031	122	66	7.862	ng	# 1
48) 2-Nitroaniline	9.454	65	3397	3.019	ng	# 1
51) 2,6-Dinitrotoluene	10.142	165	43301	9.049	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	43301	7.539	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.936	198	1308	8.138	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	30245	3.645	ng	# 1
77) Benzidine	13.236	184	36841	2.426	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.260	149	132	3.498	ng	# 54
85) Di-n-octyl phthalate	14.901	149	76	5.339	ng	# 1

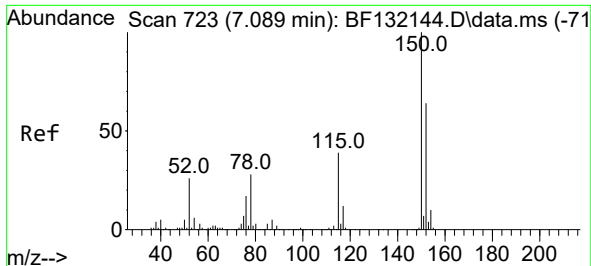
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
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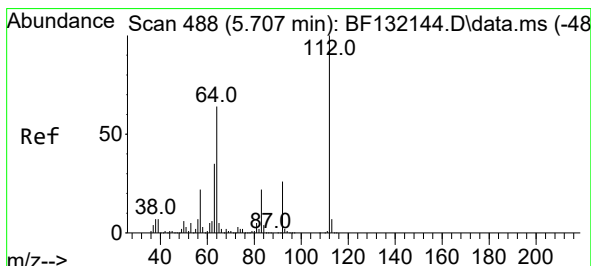
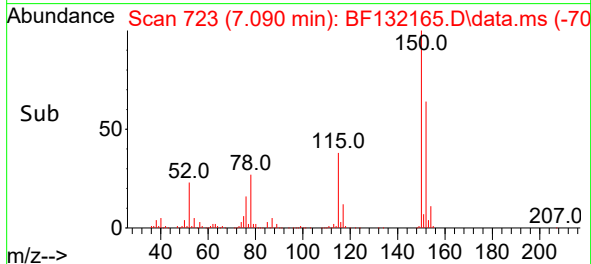
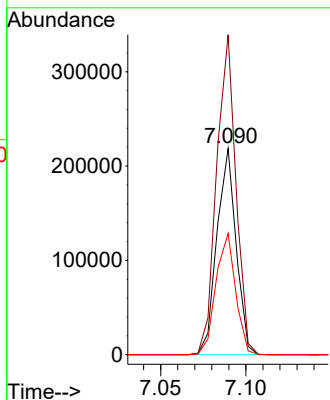
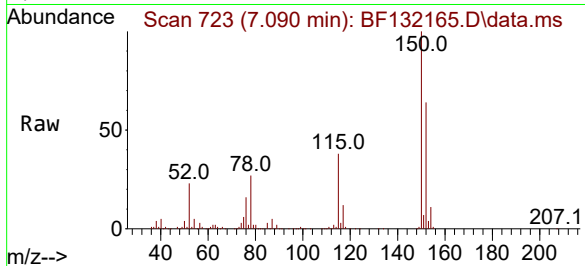




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.090 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF132165.D
 Acq: 20 Jan 2023 17:13

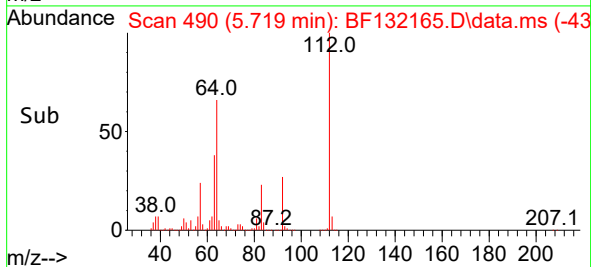
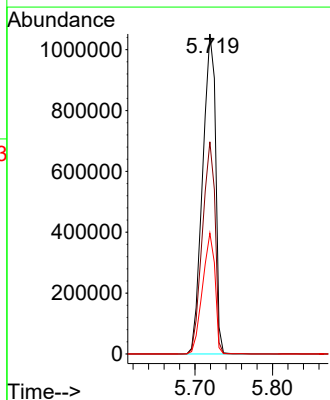
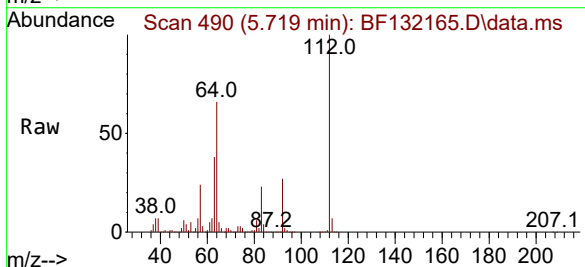
Instrument :
 BNA_F
 ClientSampleId :
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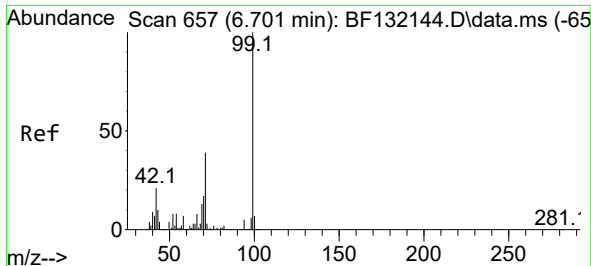
Tgt Ion:152 Resp: 171556
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.8 188.8
 115 58.8 49.2 73.8



#5
 2-Fluorophenol
 Concen: 124.794 ng
 RT: 5.719 min Scan# 490
 Delta R.T. 0.012 min
 Lab File: BF132165.D
 Acq: 20 Jan 2023 17:13

Tgt Ion:112 Resp: 1225565
 Ion Ratio Lower Upper
 112 100
 64 66.3 51.4 77.0
 63 37.7 28.2 42.2



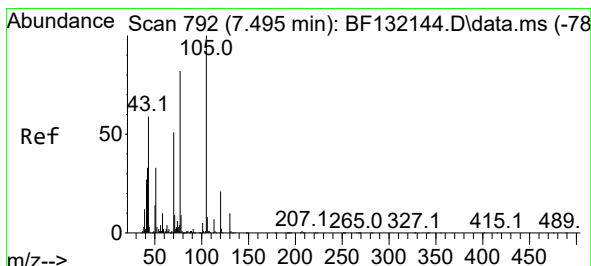
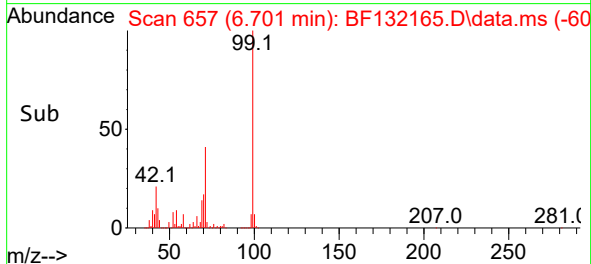
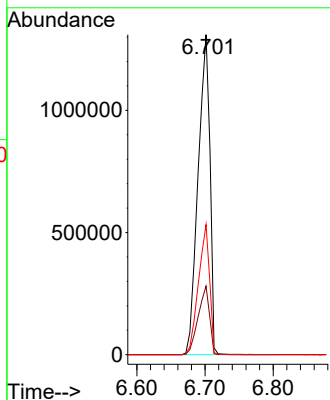
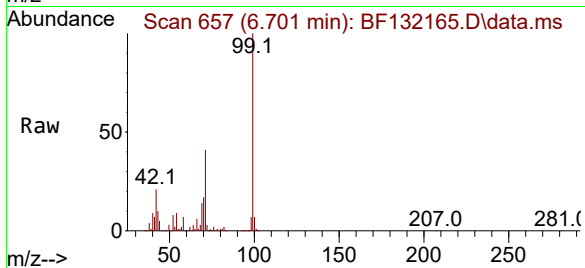


#7
Phenol-d6
Concen: 127.383 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Instrument :
BNA_F
ClientSampleId :
PB150261BL

Tgt Ion: 99 Resp: 1574765

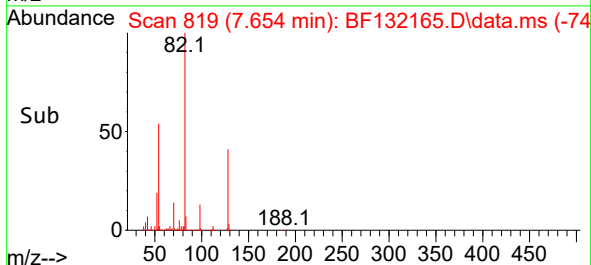
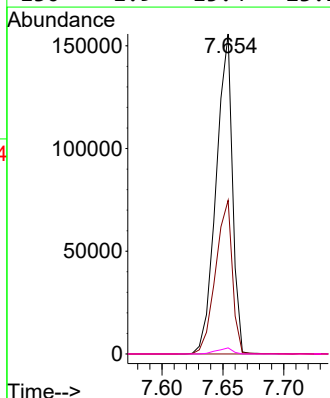
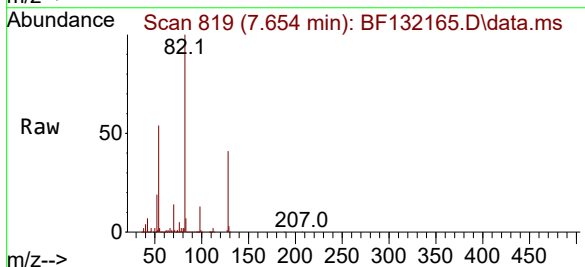
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.6	24.8
71	40.6	30.8	46.2

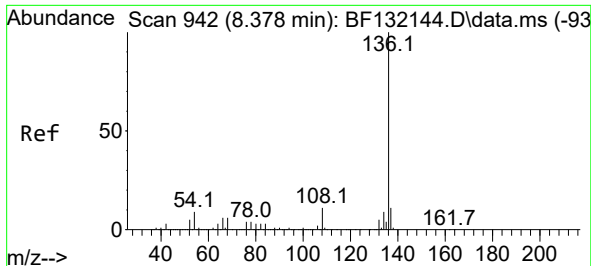


#19
n-Nitroso-di-n-propylamine
Concen: 19.170 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.159 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion: 70 Resp: 145164

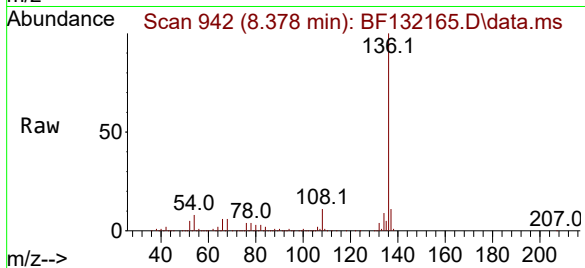
Ion	Ratio	Lower	Upper
70	100		
42	48.0	51.0	76.4#
101	0.0	7.3	10.9#
130	1.9	15.4	23.2#



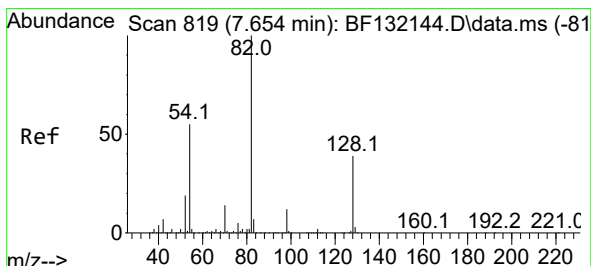
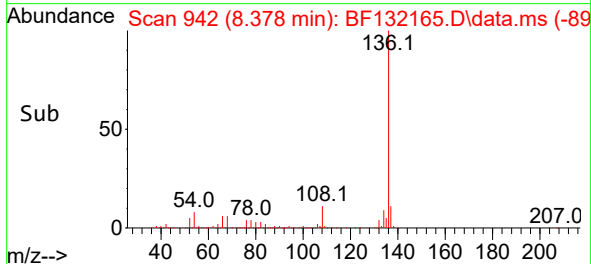
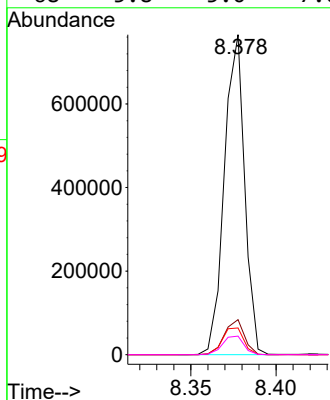


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Instrument :
BNA_F
ClientSampleId :
PB150261BL

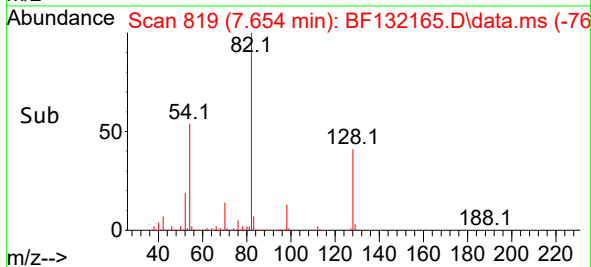
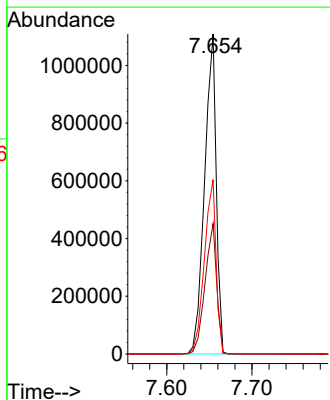
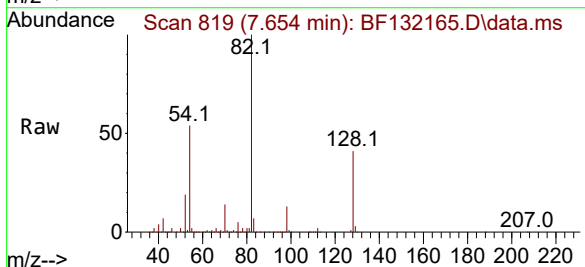


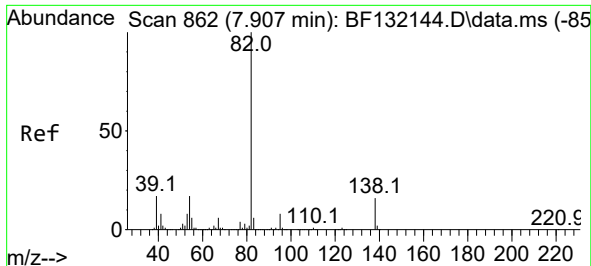
Tgt Ion:136 Resp: 633903
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.4 7.0 10.6
68 5.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 88.165 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion: 82 Resp: 1052051
Ion Ratio Lower Upper
82 100
128 40.8 31.1 46.7
54 54.5 43.9 65.9

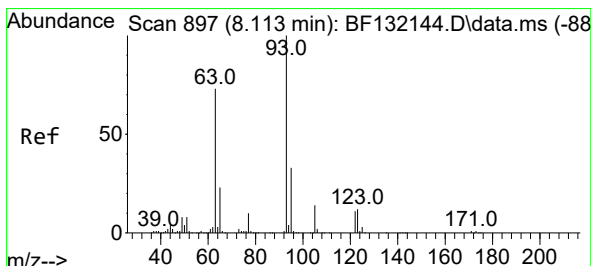
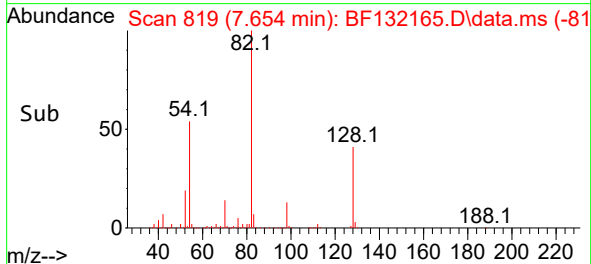
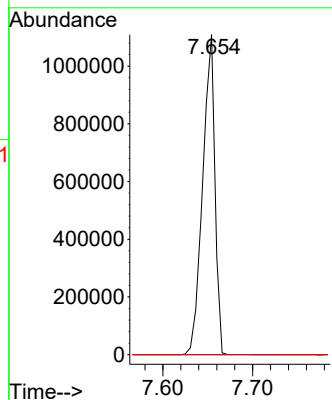
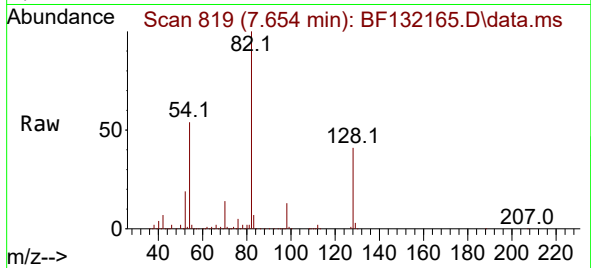




#25
Isophorone
Concen: 45.059 ng
RT: 7.654 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

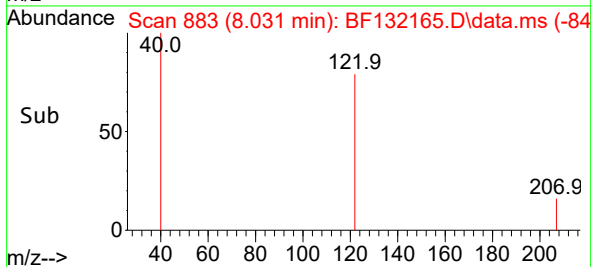
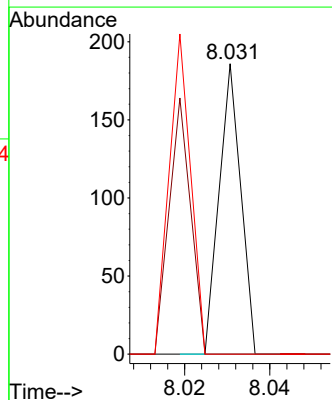
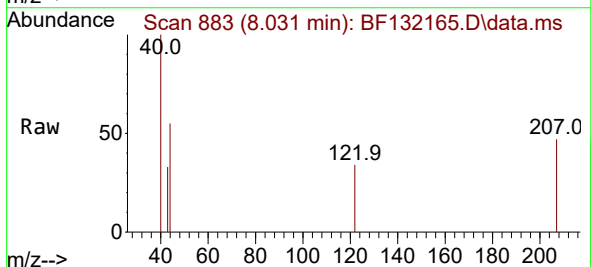
Instrument :
BNA_F
ClientSampleId :
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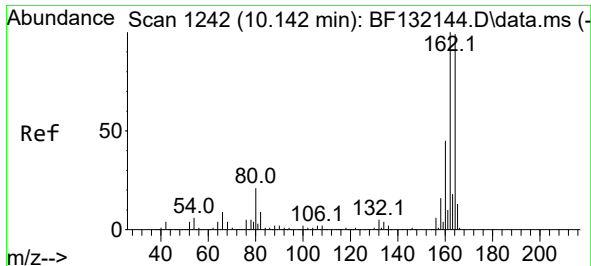
Tgt Ion: 82 Resp: 1052036
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.862 ng
RT: 8.031 min Scan# 883
Delta R.T. -0.082 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 0.0 96.8 136.8#
77 0.0 72.5 112.5#

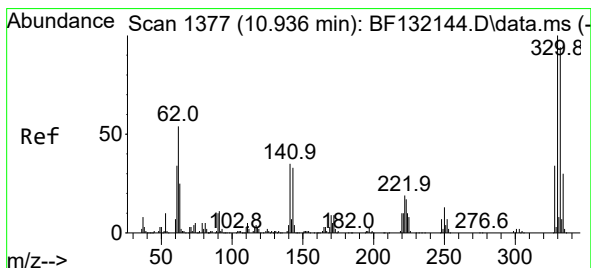
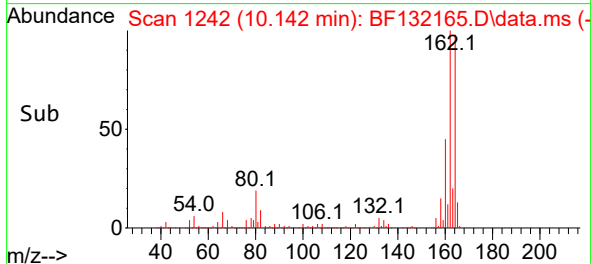
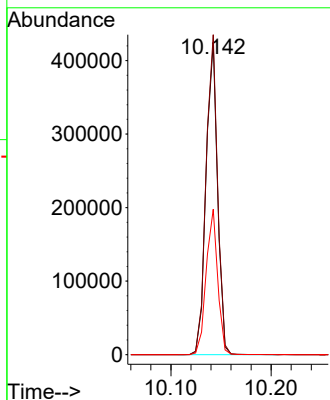
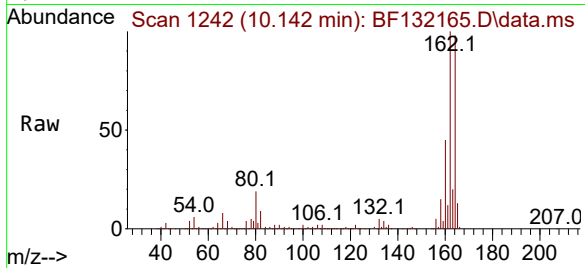




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

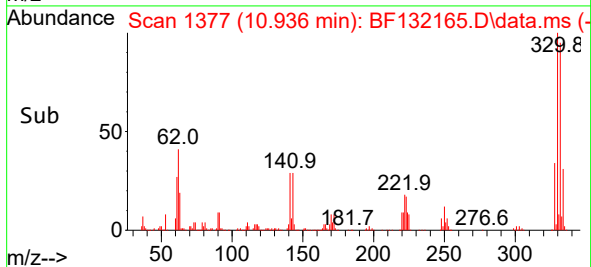
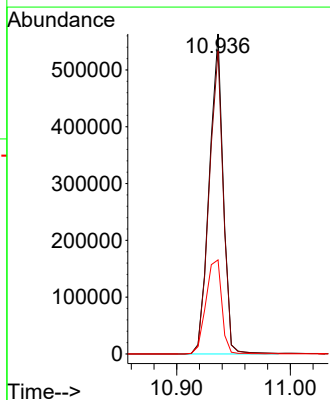
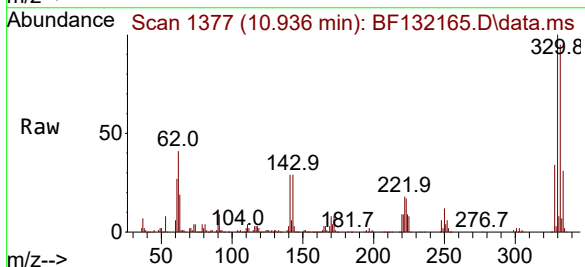
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ClientSampleId :
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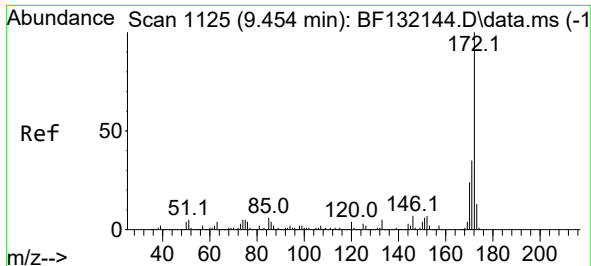
Tgt Ion:164 Resp: 340865
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 46.6 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 131.200 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion:330 Resp: 477692
Ion Ratio Lower Upper
330 100
332 96.6 75.6 113.4
141 33.5 27.1 40.7

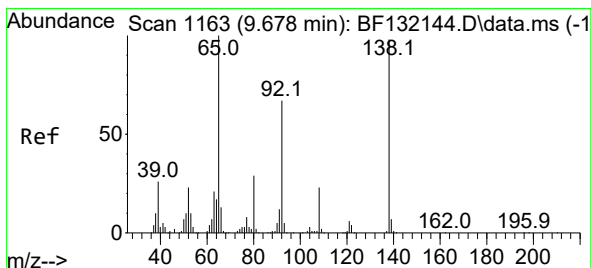
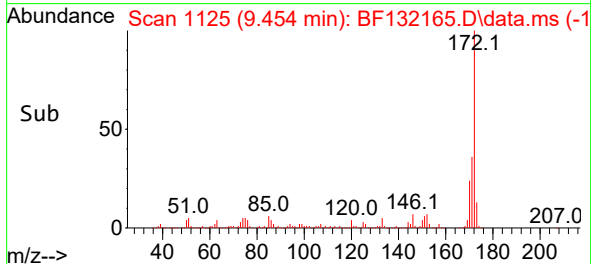
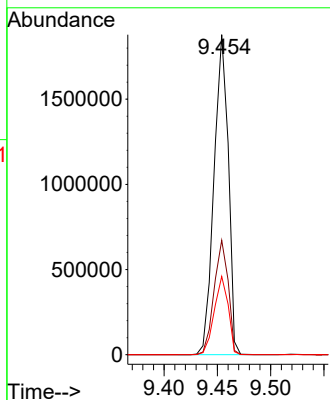
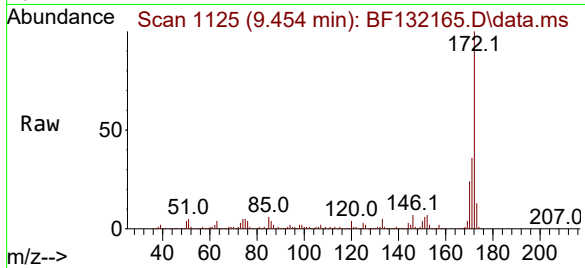




#45
2-Fluorobiphenyl
Concen: 74.762 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

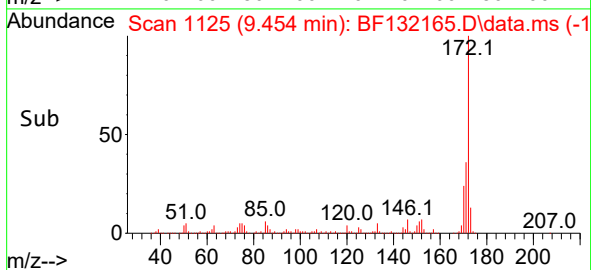
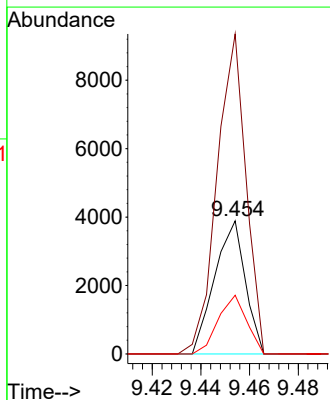
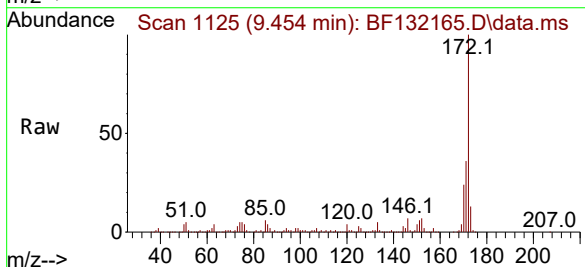
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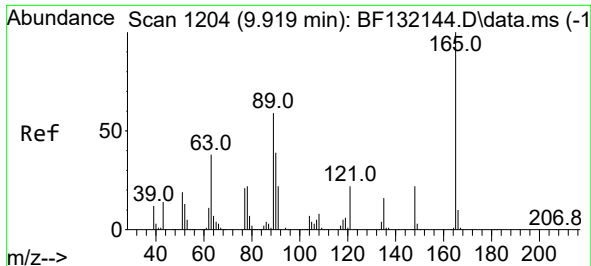
Tgt Ion:172 Resp: 1743986
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.4 19.6 29.4



#48
2-Nitroaniline
Concen: 3.019 ng
RT: 9.454 min Scan# 1125
Delta R.T. -0.224 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion: 65 Resp: 3397
Ion Ratio Lower Upper
65 100
92 240.3 53.8 80.6#
138 44.1 78.7 118.1#

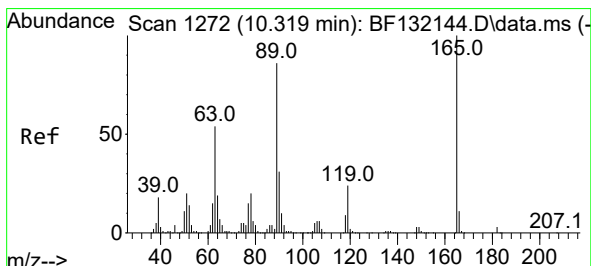
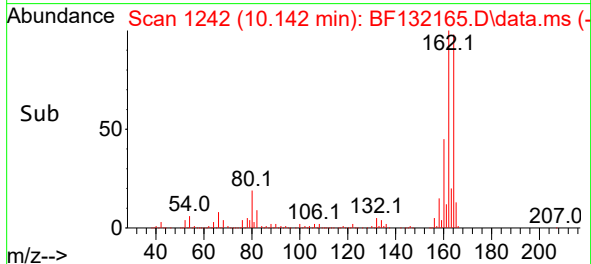
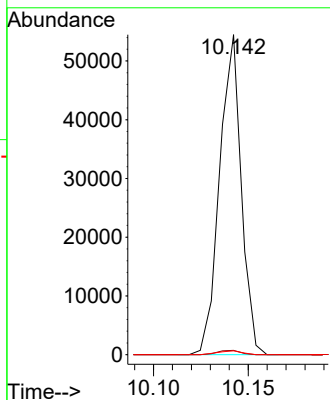
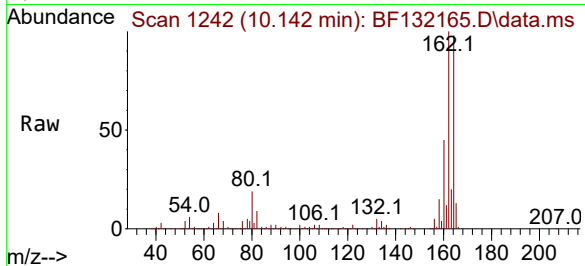




#51
2,6-Dinitrotoluene
Concen: 9.049 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

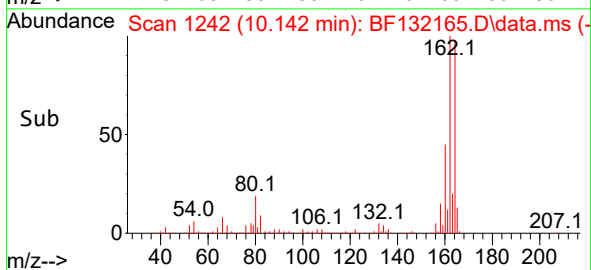
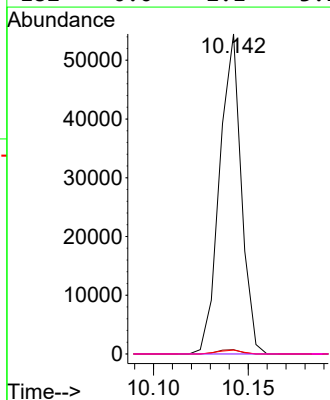
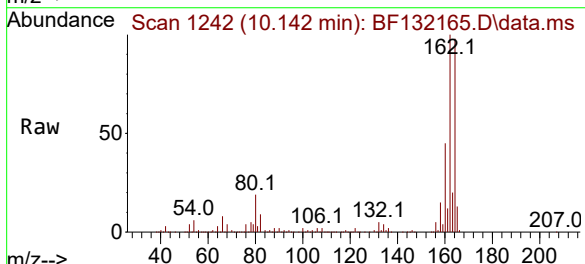
Instrument :
BNA_F
ClientSampleId :
PB150261BL

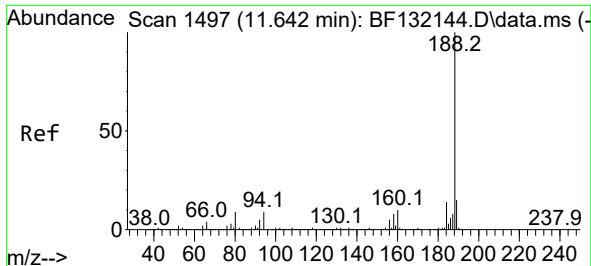
Tgt Ion:165 Resp: 43301
Ion Ratio Lower Upper
165 100
63 1.4 46.6 70.0#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.539 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion:165 Resp: 43301
Ion Ratio Lower Upper
165 100
63 1.4 43.5 65.3#
89 1.2 69.0 103.6#
182 0.0 2.1 3.1#

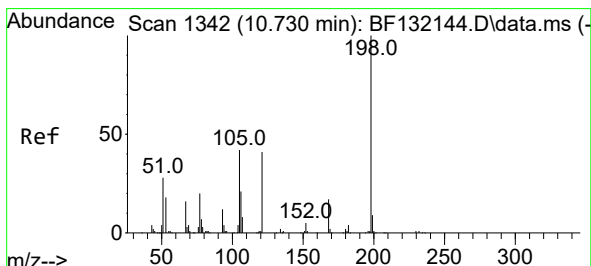
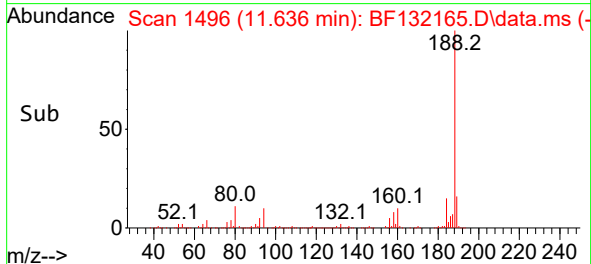
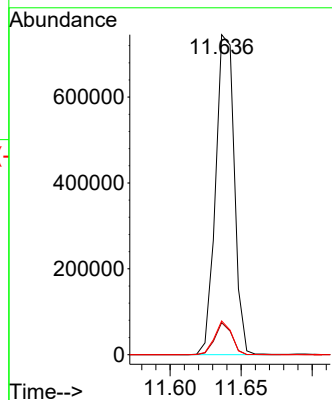
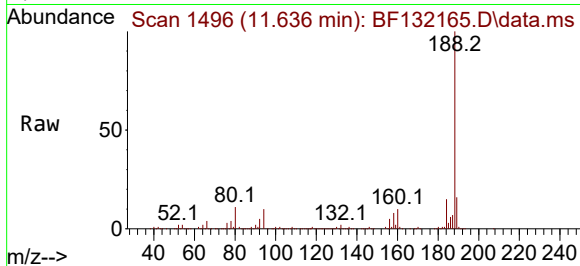




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.636 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

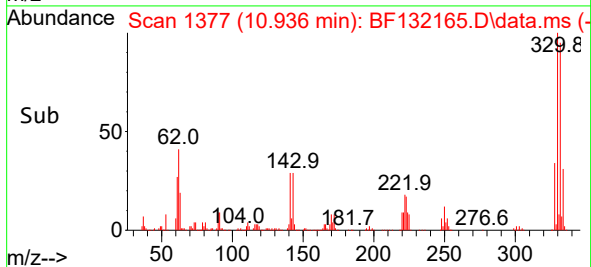
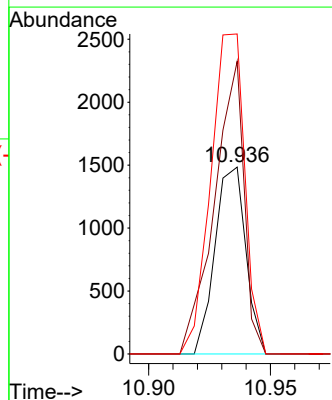
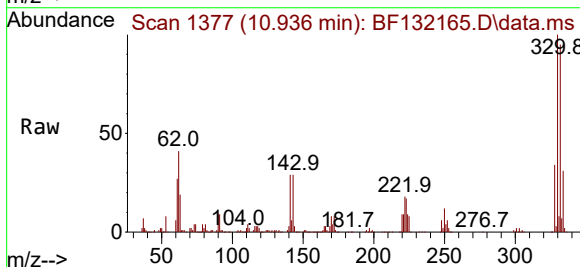
Instrument :
BNA_F
ClientSampleId :
PB150261BL

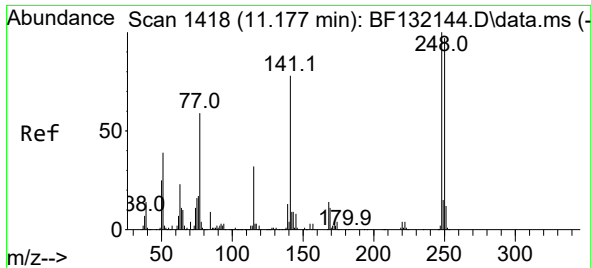
Tgt Ion:188 Resp: 680722
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 10.5 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.138 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.206 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion:198 Resp: 1308
Ion Ratio Lower Upper
198 100
51 156.6 24.3 64.3#
105 171.2 23.3 63.3#

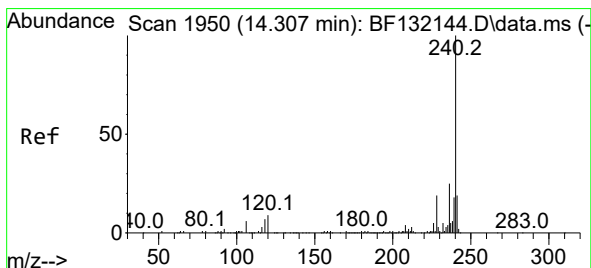
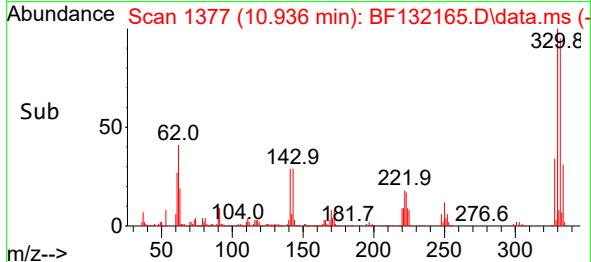
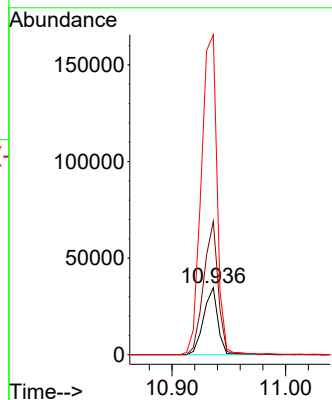
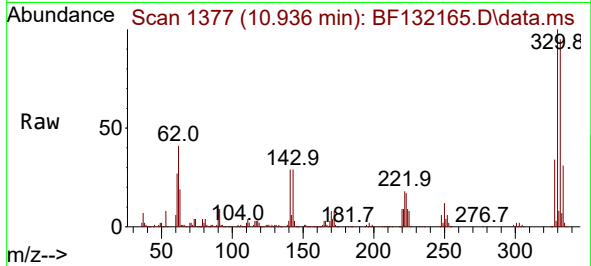




#67
4-Bromophenyl-phenylether
Concen: 3.645 ng
RT: 10.936 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

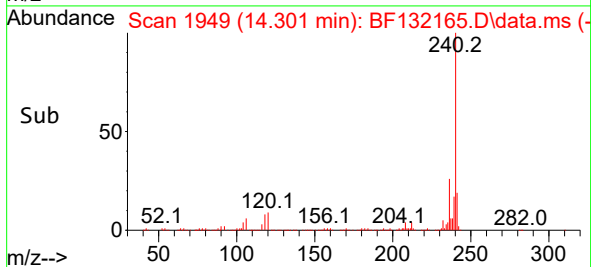
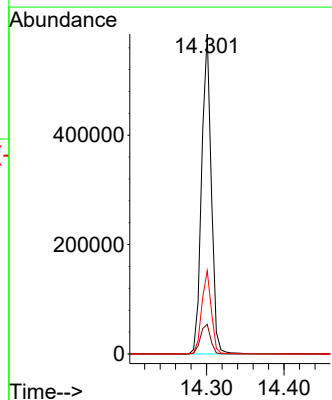
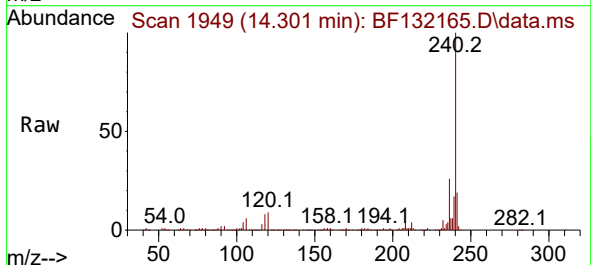
Instrument :
BNA_F
ClientSampleId :
PB150261BL

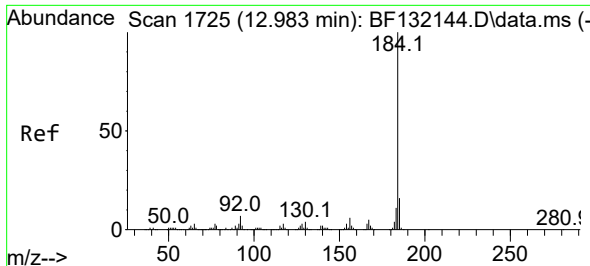
Tgt Ion:248 Resp: 30245
Ion Ratio Lower Upper
248 100
250 199.3 77.4 116.0#
141 477.9 62.2 93.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion:240 Resp: 505881
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 26.0 20.3 30.5

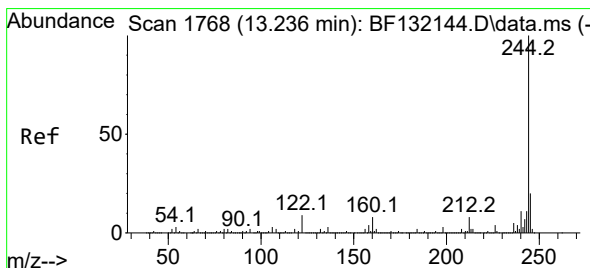
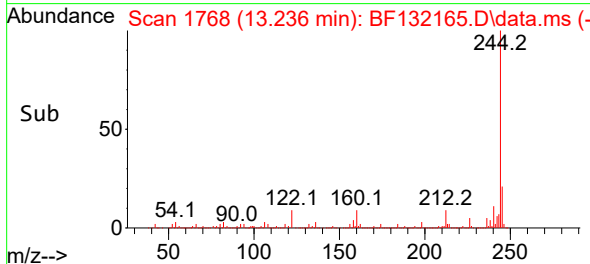
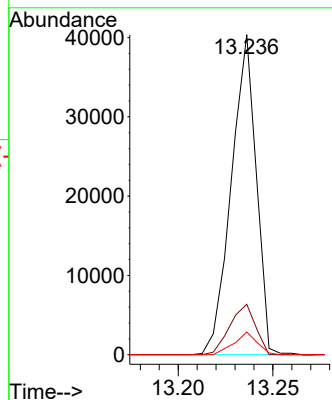
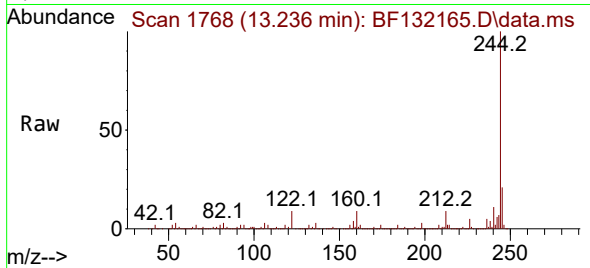




#77
Benzidine
Concen: 2.426 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.253 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

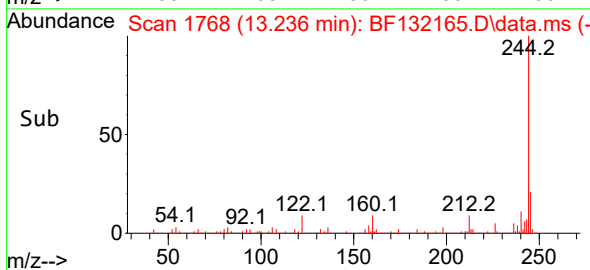
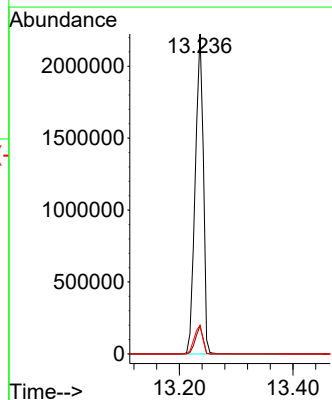
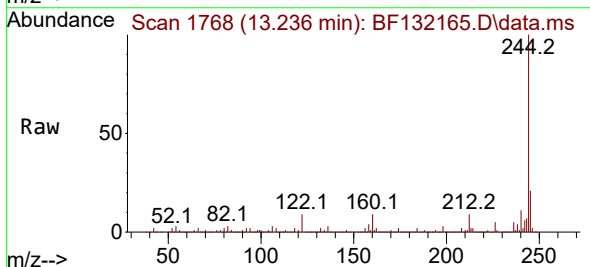
Instrument :
BNA_F
ClientSampleId :
PB150261BL

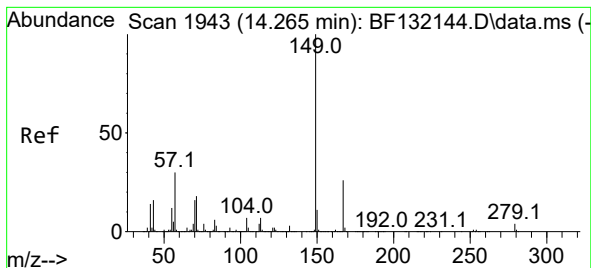
Tgt Ion:184 Resp: 36841
Ion Ratio Lower Upper
184 100
185 15.8 12.5 18.7
183 7.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 73.207 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF132165.D
Acq: 20 Jan 2023 17:13

Tgt Ion:244 Resp: 2210852
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 8.9 7.4 11.2

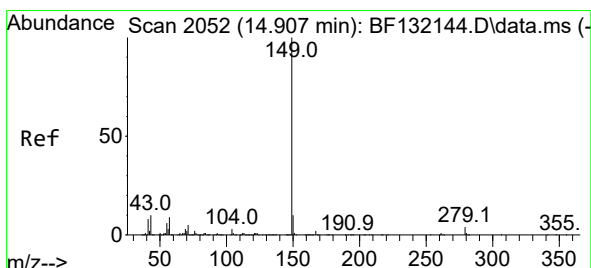
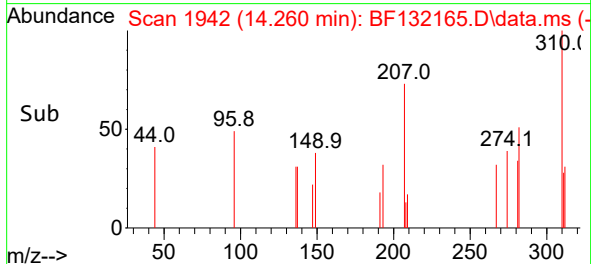
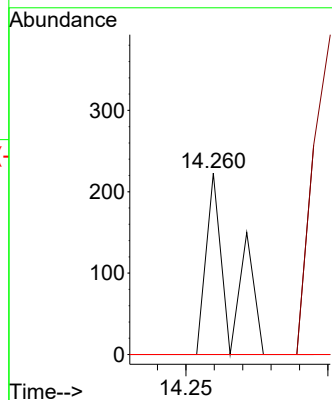
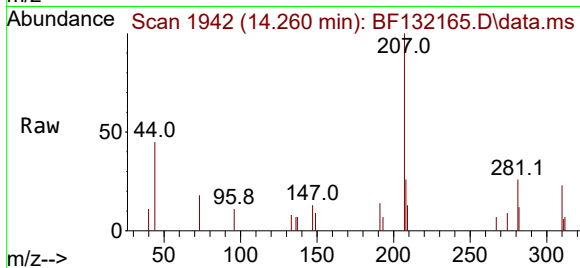




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.498 ng
 RT: 14.260 min Scan# 1942
 Delta R.T. -0.005 min
 Lab File: BF132165.D
 Acq: 20 Jan 2023 17:13

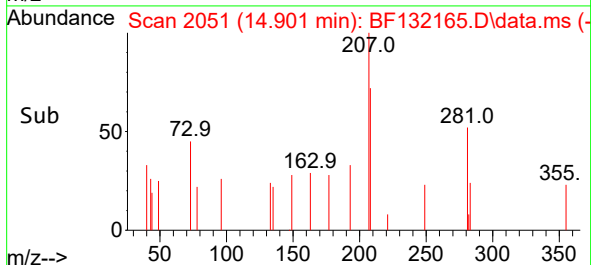
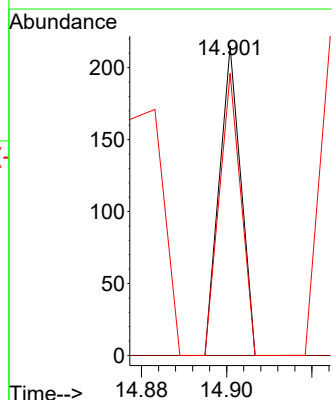
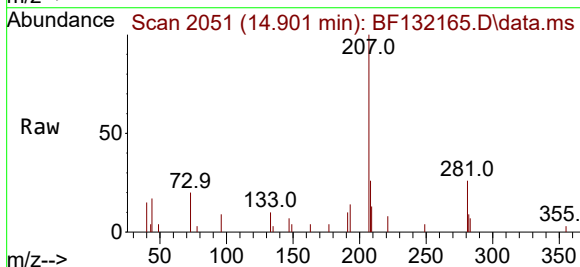
Instrument :
 BNA_F
 ClientSampleId :
 PB150261BL

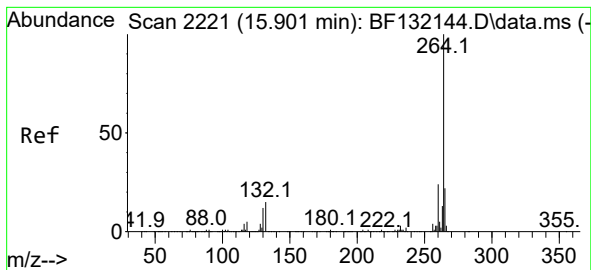
Tgt Ion:149 Resp: 132
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.0 31.6#
 279 0.0 3.2 4.8#



#85
 Di-n-octyl phthalate
 Concen: 5.339 ng
 RT: 14.901 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF132165.D
 Acq: 20 Jan 2023 17:13

Tgt Ion:149 Resp: 76
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 155.3 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: BF132165.D
 Acq: 20 Jan 2023 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB150261BL

Tgt Ion:264 Resp: 372835
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.7 17.4 26.0

