

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132776.D
 Acq On : 14 Mar 2023 14:01
 Operator : CG\JU
 Sample : PB151381TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151381TB

Quant Time: Mar 14 14:26:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

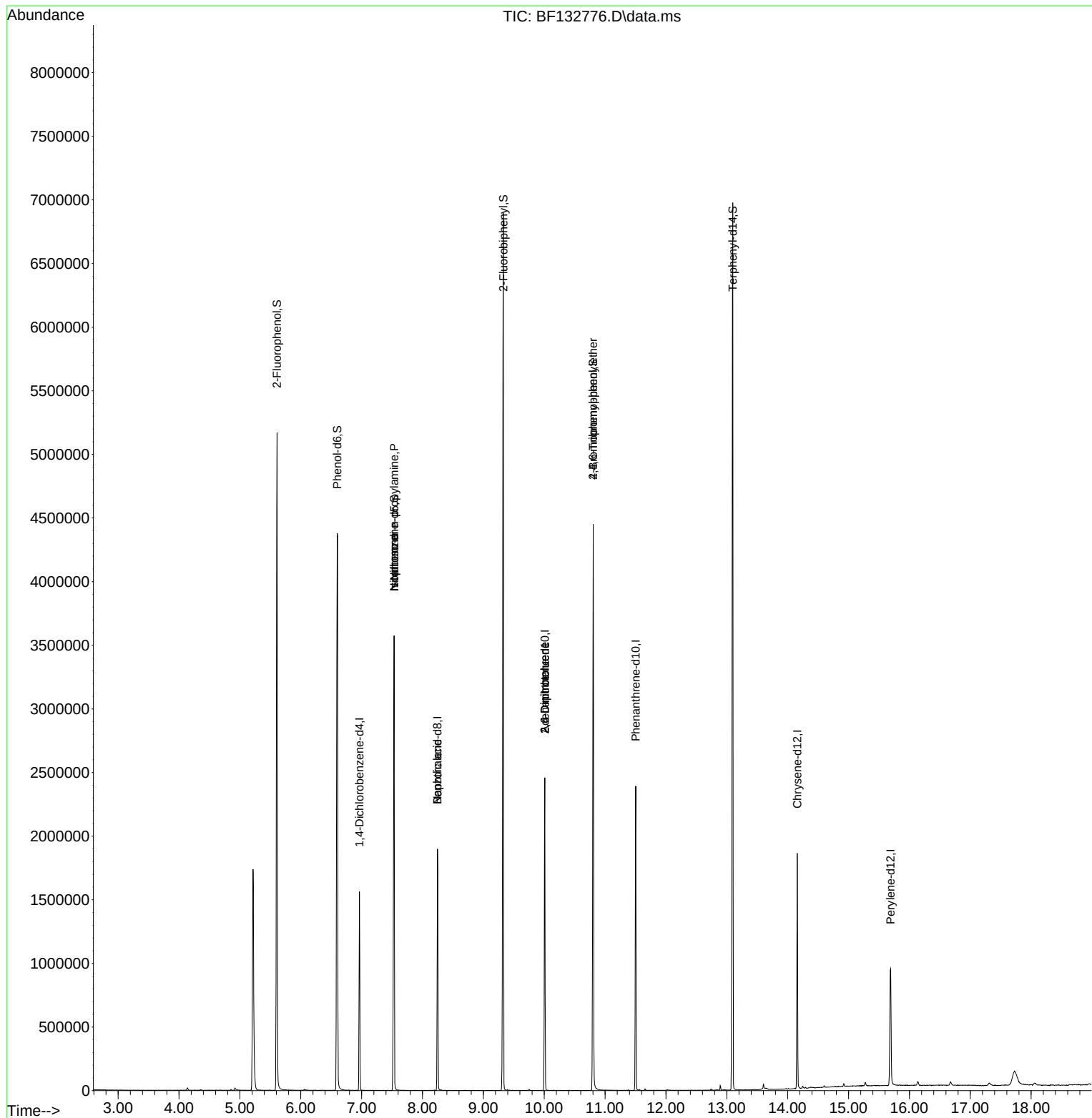
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	223180	20.000	ng	-0.01
21) Naphthalene-d8	8.245	136	851238	20.000	ng	-0.01
39) Acenaphthene-d10	10.010	164	476476	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	891534	20.000	ng	0.00
76) Chrysene-d12	14.157	240	598065	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	466502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1613897	117.363	ng	0.01
7) Phenol-d6	6.598	99	2029568	113.089	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1302840	72.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	592742	115.191	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	2216643	70.837	ng	0.00
79) Terphenyl-d14	13.098	244	2784135	78.708	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	171103	15.491	ng	# 76
25) Isophorone	7.534	82	1302826	37.874	ng	# 67
32) Benzoic acid	8.245	122	216	3.855	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	61435	7.776	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	61435	5.845	ng	# 21
67) 4-Bromophenyl-phenylether	10.804	248	38888	3.856	ng	# 1

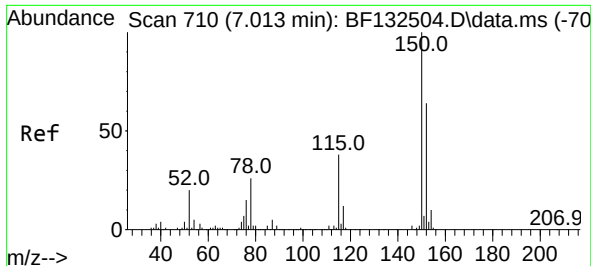
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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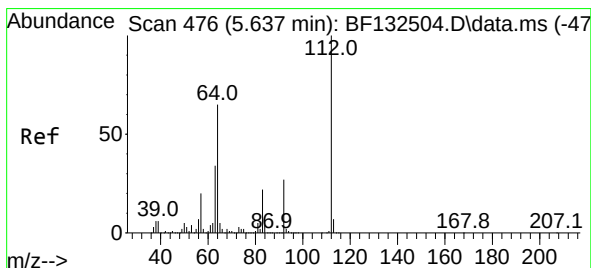
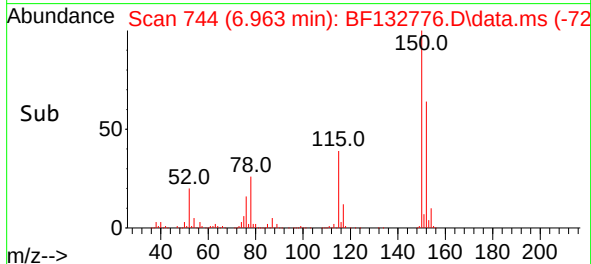
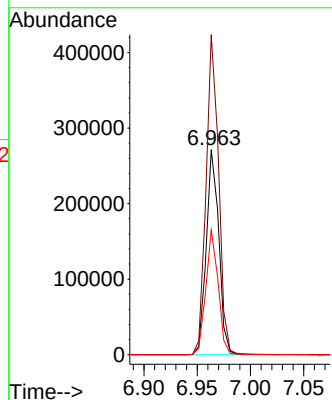
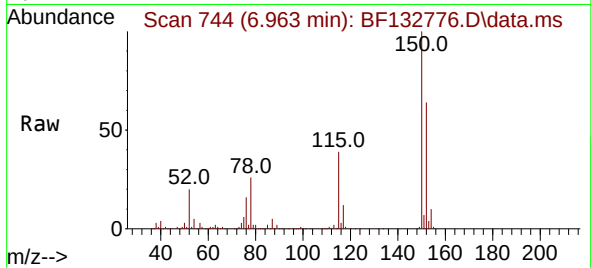




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

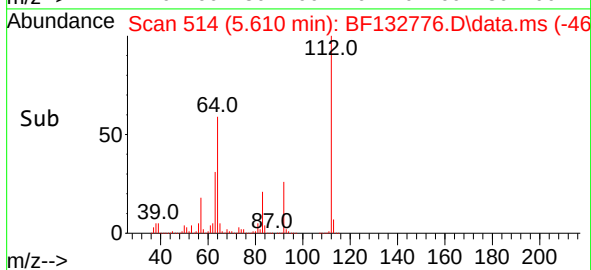
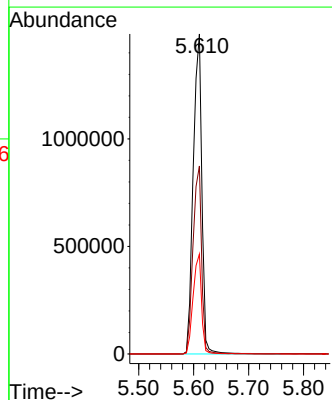
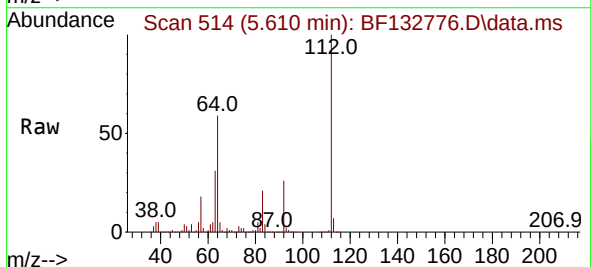
Instrument :
BNA_F
ClientSampleId :
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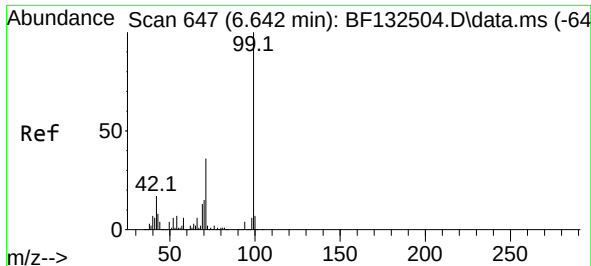
Tgt Ion:152 Resp: 223180
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.2
115 60.9 47.8 71.6



#5
2-Fluorophenol
Concen: 117.363 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:112 Resp: 1613897
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.2 27.4 41.2

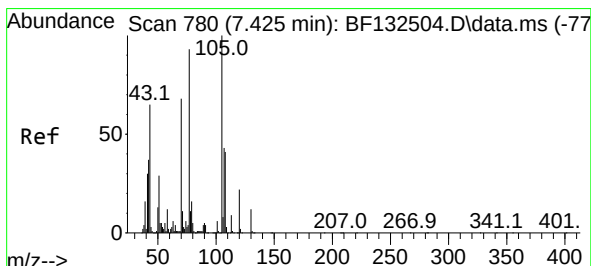
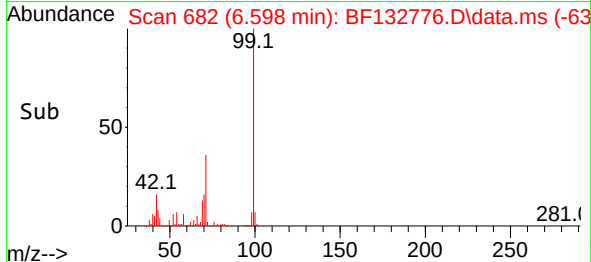
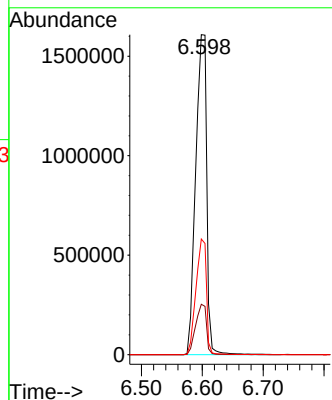
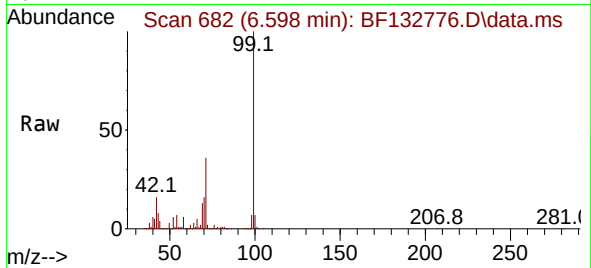




#7
Phenol-d6
Concen: 113.089 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

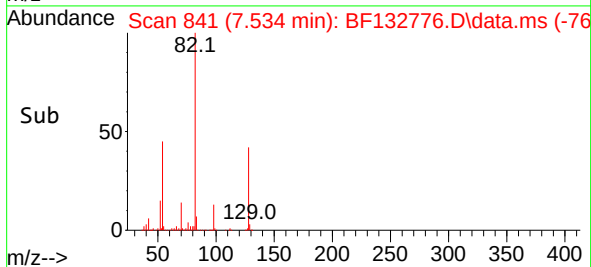
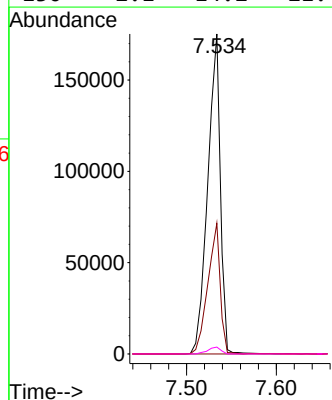
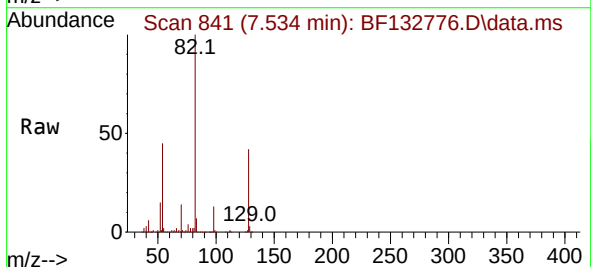
Instrument :
BNA_F
ClientSampleId :
PB151381TB

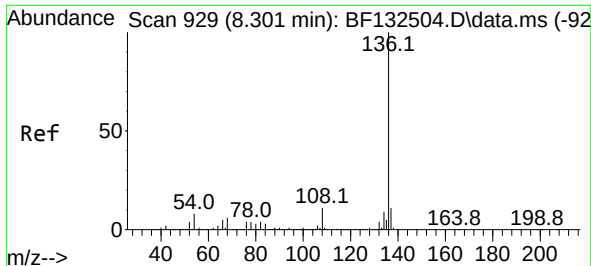
Tgt Ion: 99 Resp: 2029568
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 36.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.491 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.147 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion: 70 Resp: 171103
Ion Ratio Lower Upper
70 100
42 40.8 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

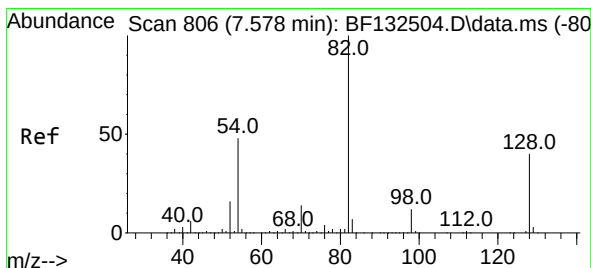
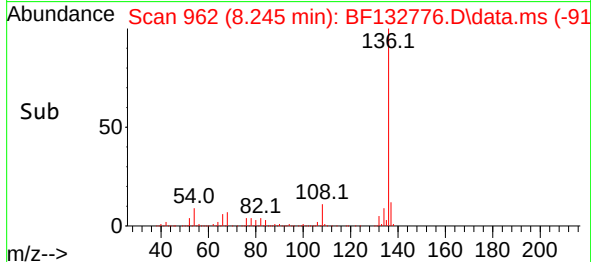
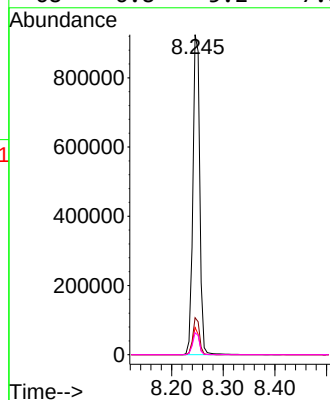
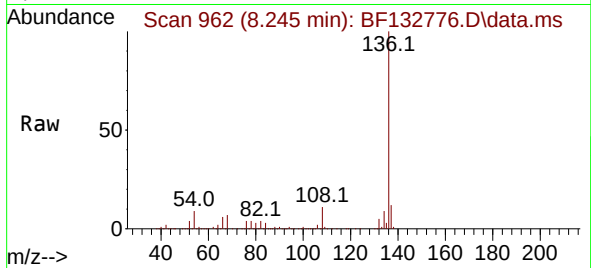




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

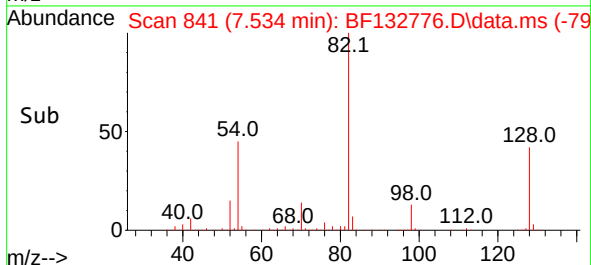
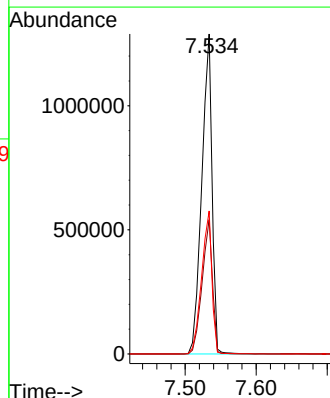
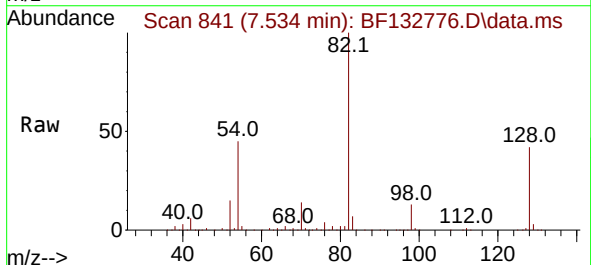
Instrument :
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ClientSampleId :
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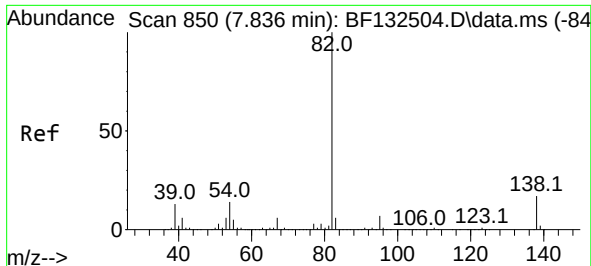
Tgt Ion:136 Resp: 851238
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.5 6.2 9.4
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 72.615 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion: 82 Resp: 1302840
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 44.7 38.4 57.6

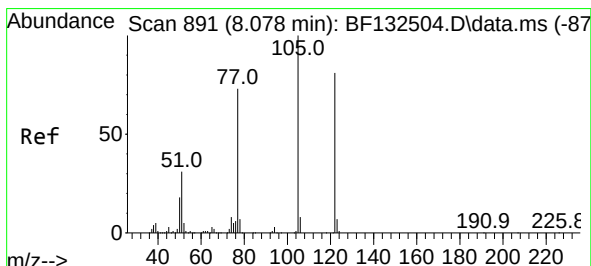
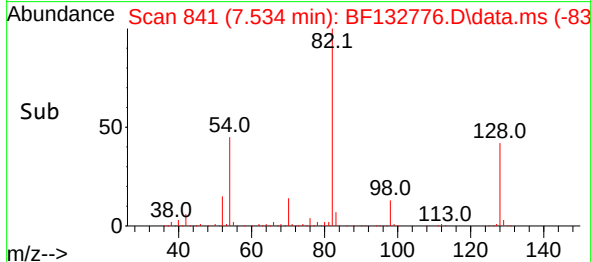
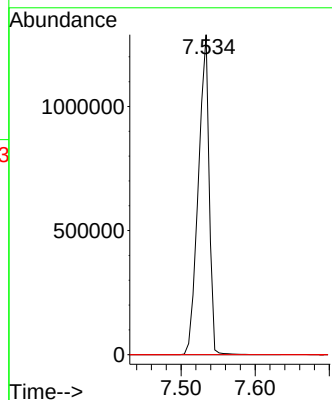
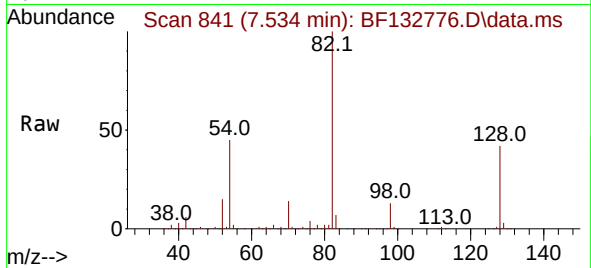




#25
Isophorone
Concen: 37.874 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

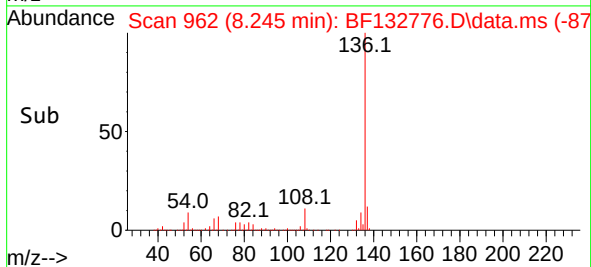
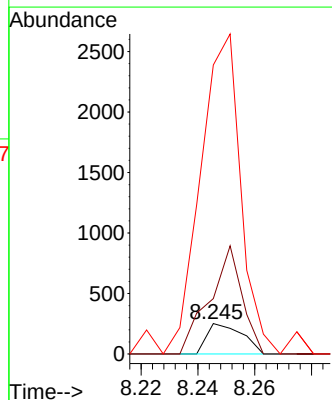
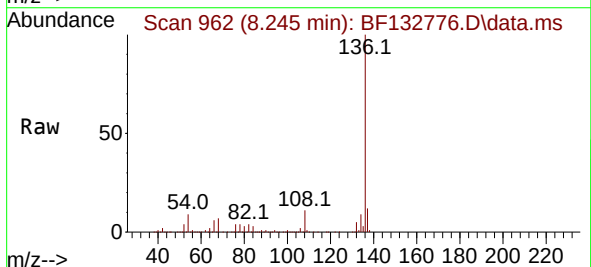
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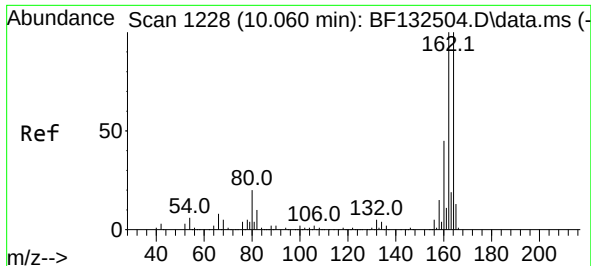
Tgt Ion: 82 Resp: 1302826
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.855 ng
RT: 8.245 min Scan# 962
Delta R.T. 0.206 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:122 Resp: 216
Ion Ratio Lower Upper
122 100
105 182.5 102.6 142.6#
77 951.4 70.2 110.2#

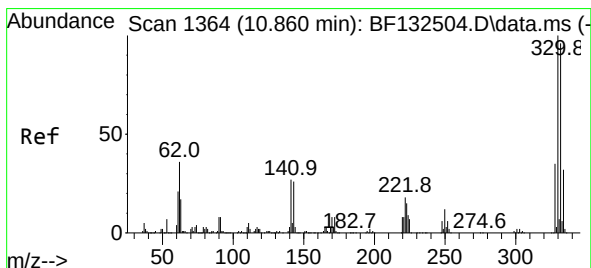
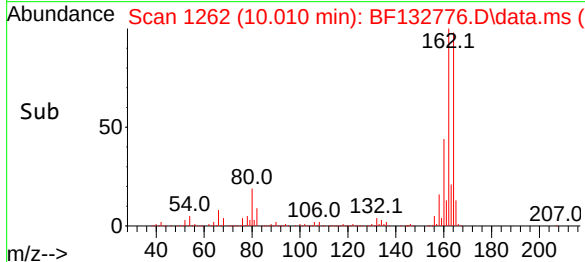
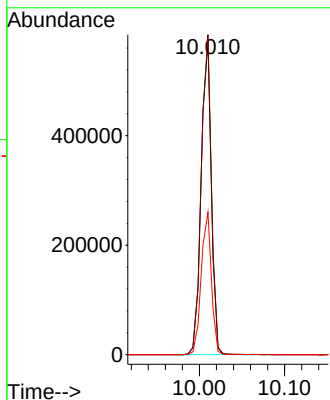
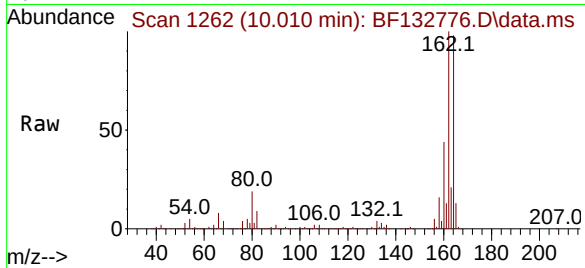




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

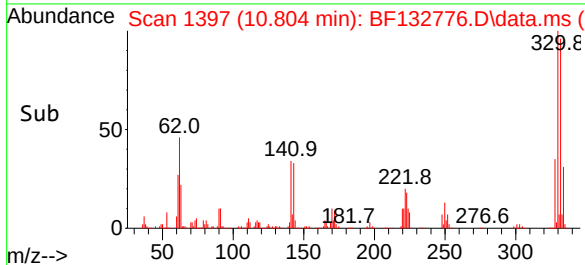
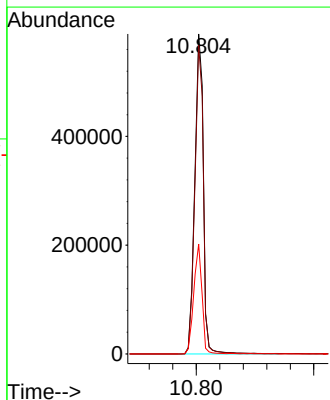
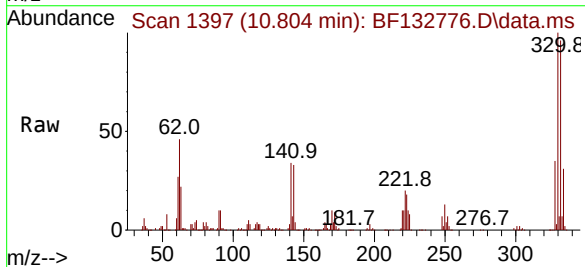
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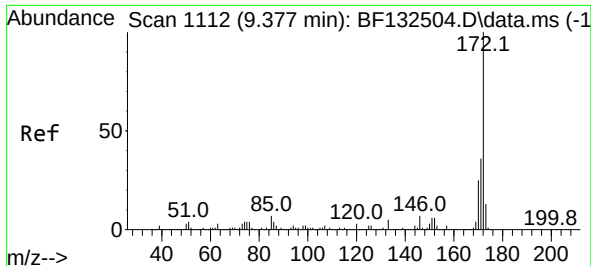
Tgt Ion:164 Resp: 476476
Ion Ratio Lower Upper
164 100
162 102.1 79.8 119.8
160 45.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 115.191 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:330 Resp: 592742
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 32.9 28.4 42.6

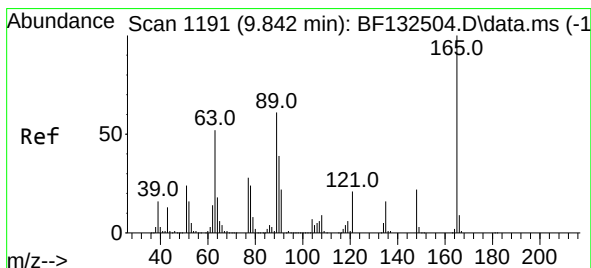
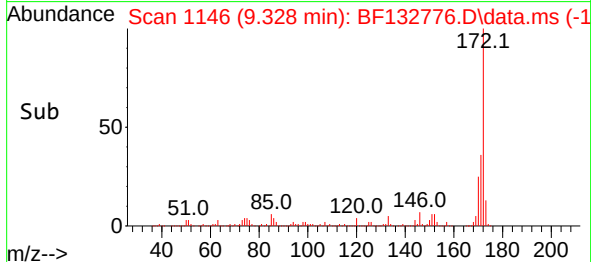
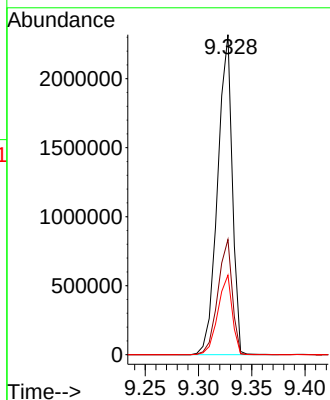
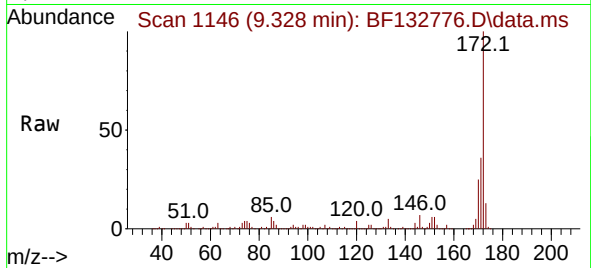




#45
2-Fluorobiphenyl
Concen: 70.837 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

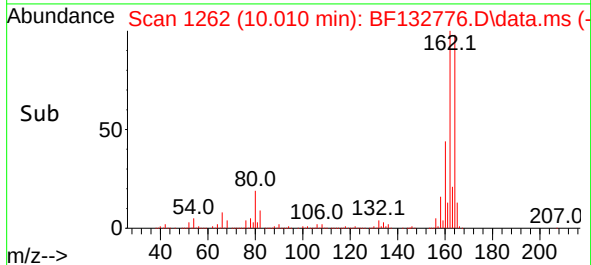
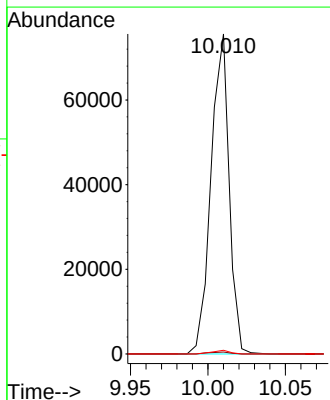
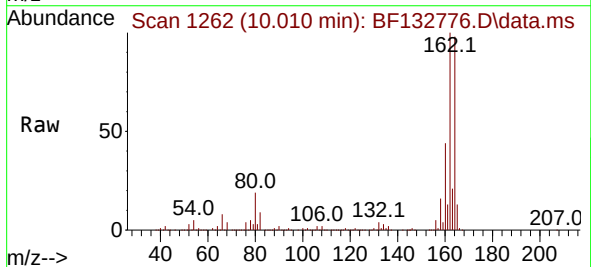
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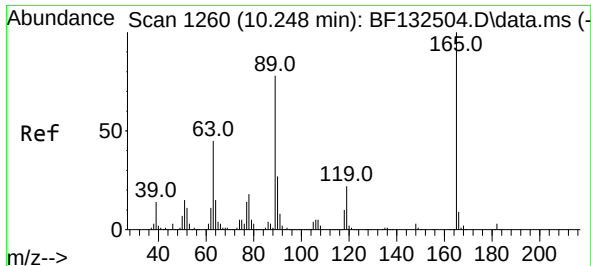
Tgt Ion:172 Resp: 2216643
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.9 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.776 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:165 Resp: 61435
Ion Ratio Lower Upper
165 100
63 0.6 47.3 70.9#
89 1.1 48.9 73.3#

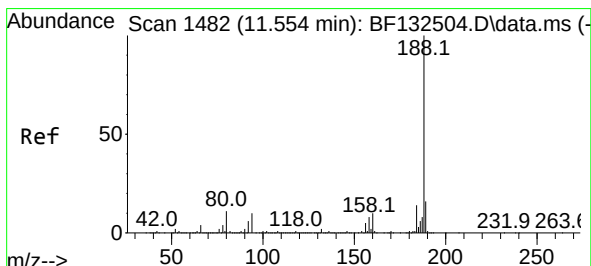
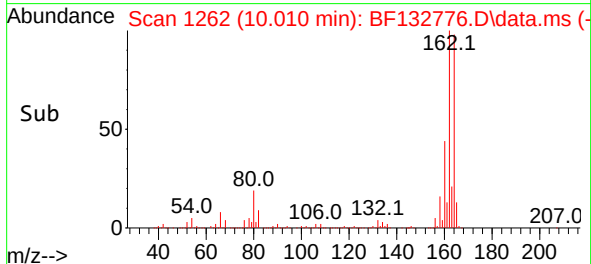
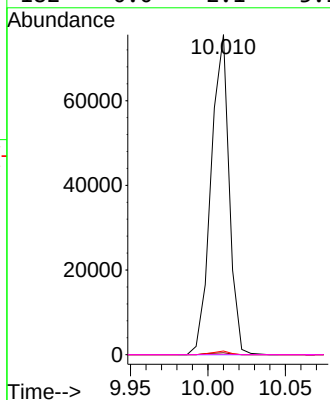
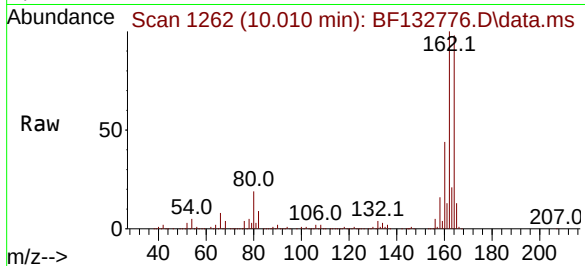




#57
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 10.010 min Scan# 1516
Delta R.T. -0.200 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

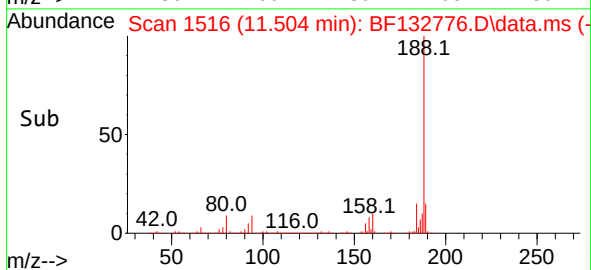
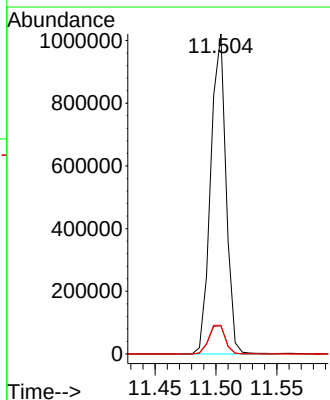
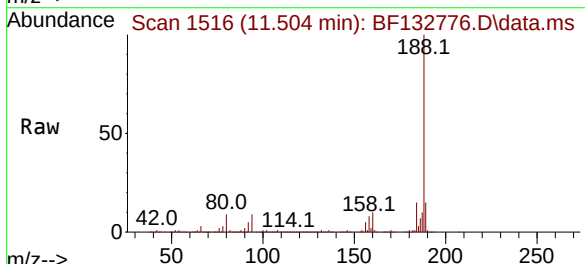
Instrument :
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PB151381TB

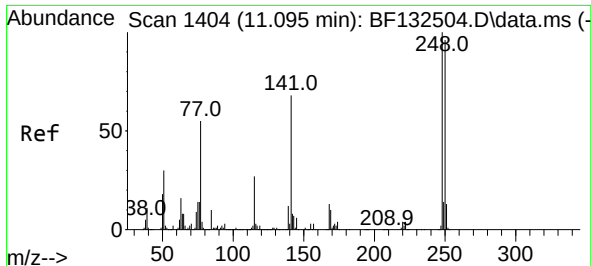
Tgt Ion:165 Resp: 61435
Ion Ratio Lower Upper
165 100
63 0.6 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:188 Resp: 891534
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 8.9 8.7 13.1

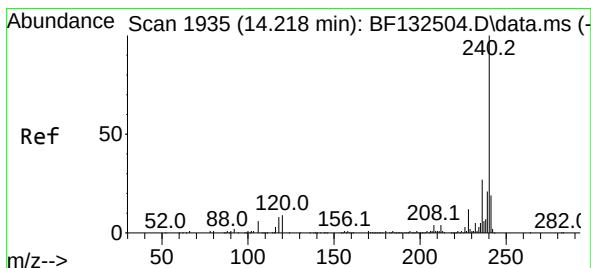
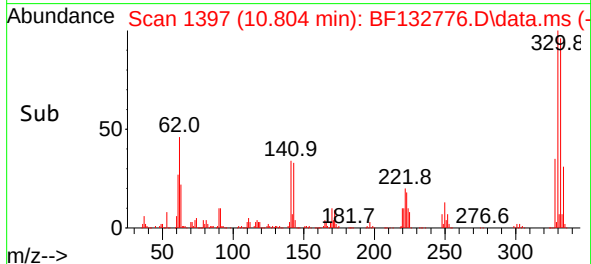
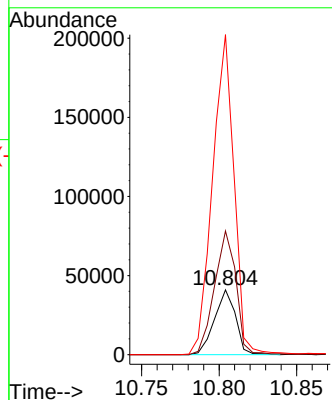
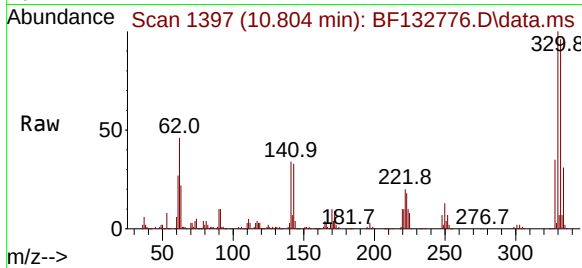




#67
4-Bromophenyl-phenylether
Concen: 3.856 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

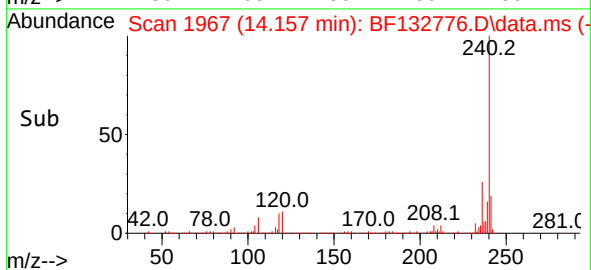
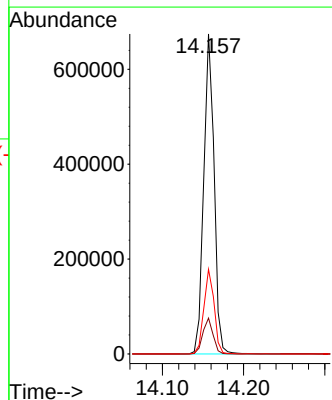
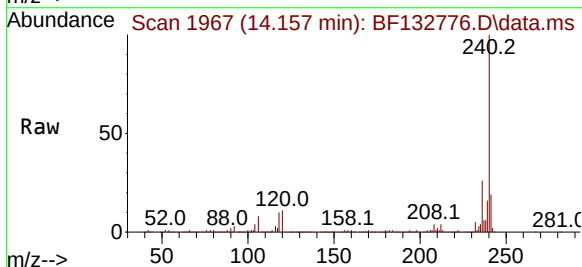
Instrument :
BNA_F
ClientSampleId :
PB151381TB

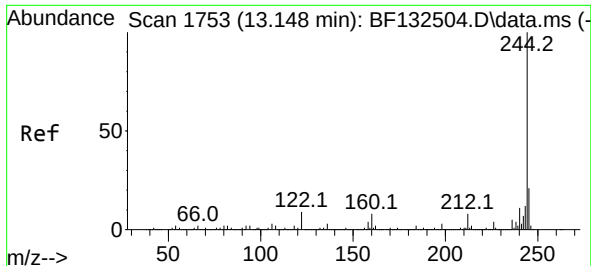
Tgt Ion:248 Resp: 38888
Ion Ratio Lower Upper
248 100
250 190.7 77.0 115.4#
141 493.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:240 Resp: 598065
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 26.4 21.8 32.6

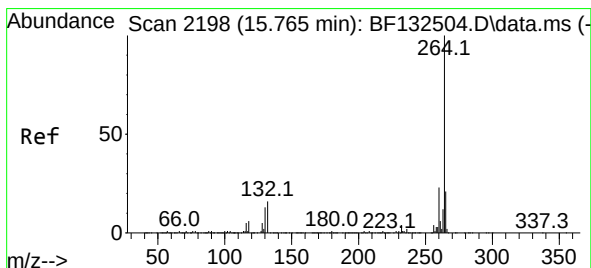
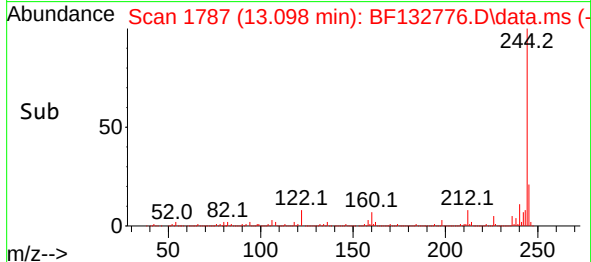
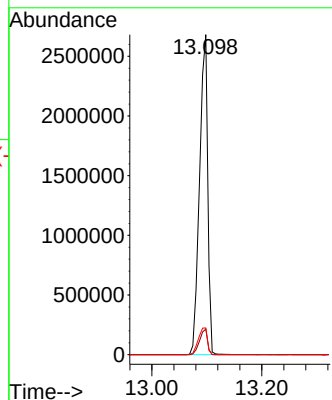
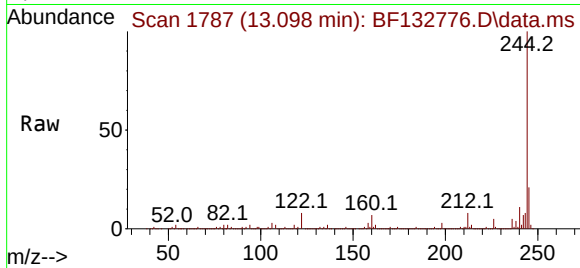




#79
 Terphenyl-d14
 Concen: 78.708 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132776.D
 Acq: 14 Mar 2023 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB151381TB

Tgt Ion:244 Resp: 2784135
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132776.D
 Acq: 14 Mar 2023 14:01

Tgt Ion:264 Resp: 466502
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 20.7 17.1 25.7

