

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132590.D
 Acq On : 01 Mar 2023 14:36
 Operator : CG\JU
 Sample : 01727-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB-1S

Quant Time: Mar 02 03:16:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

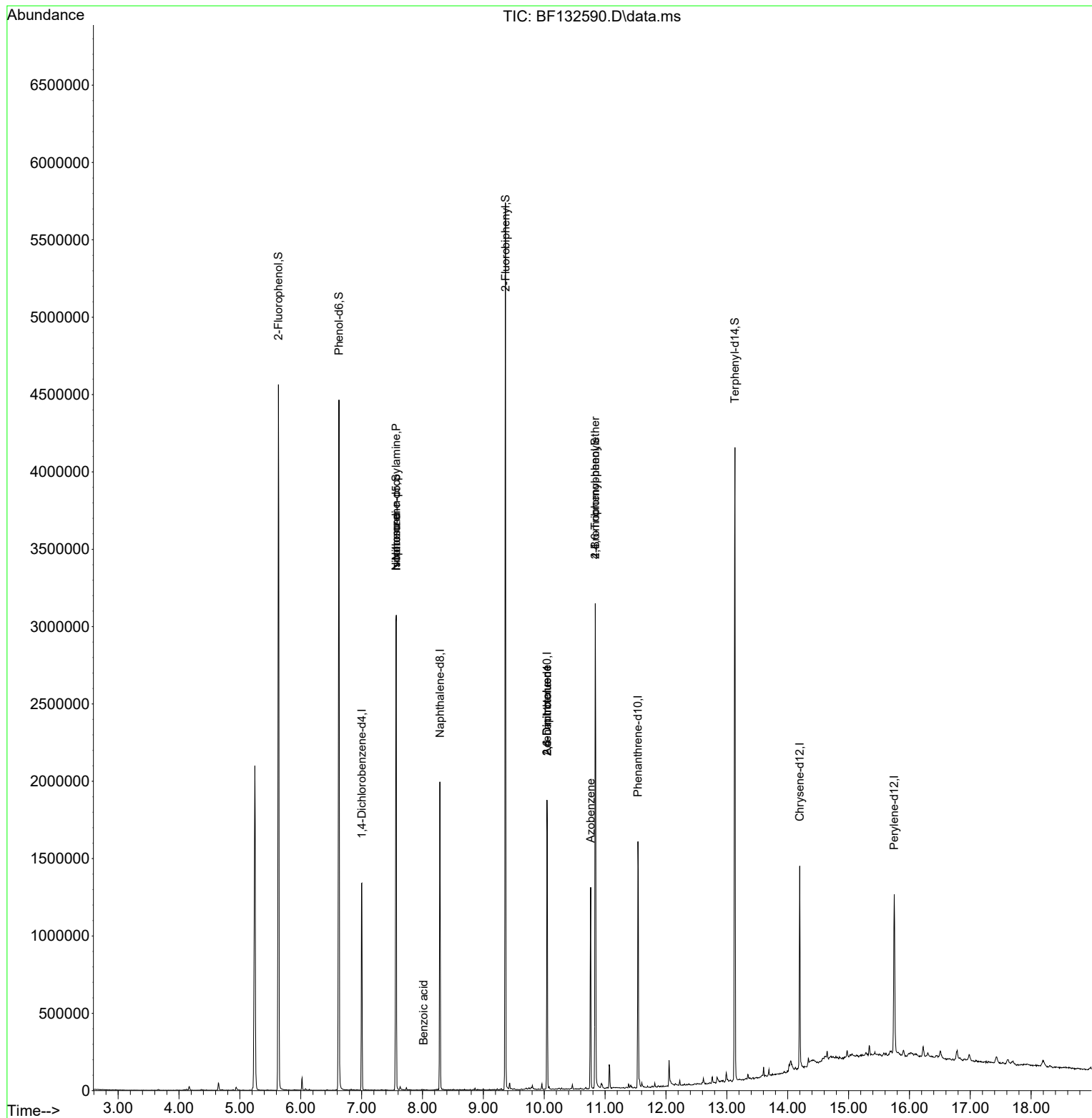
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	211022	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	757146	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	378535	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	615427	20.000	ng	0.00
76) Chrysene-d12	14.198	240	423282	20.000	ng	0.00
86) Perylene-d12	15.751	264	493617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1351133	103.916	ng	0.00
7) Phenol-d6	6.628	99	1700581	100.217	ng	0.00
23) Nitrobenzene-d5	7.569	82	1110841	69.608	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	371059	90.767	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1668713	67.124	ng	0.00
79) Terphenyl-d14	13.133	244	1508820	60.268	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	144803	13.866	ng	# 73
25) Isophorone	7.569	82	1110828	36.306	ng	# 67
32) Benzoic acid	8.016	122	133	3.849	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	49771	7.929	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	49771	5.960	ng	# 21
63) Azobenzene	10.763	77	218636	7.669	ng	# 1
67) 4-Bromophenyl-phenylether	10.839	248	24708	3.549	ng	# 1

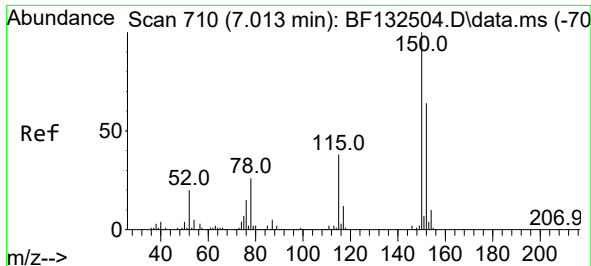
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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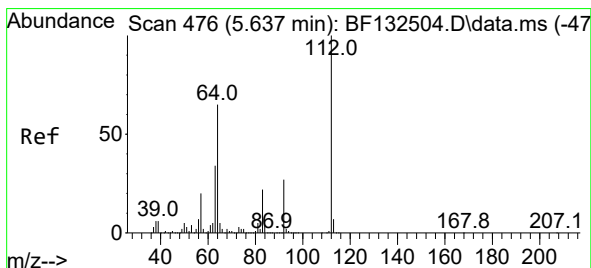
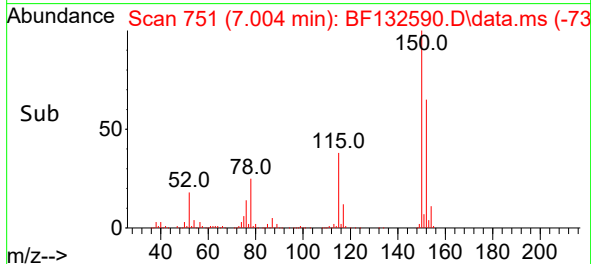
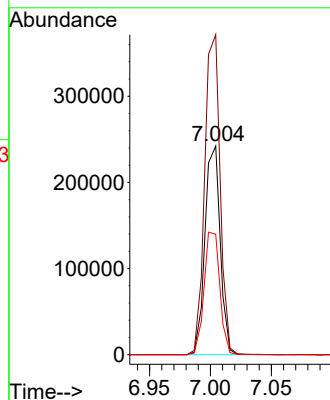
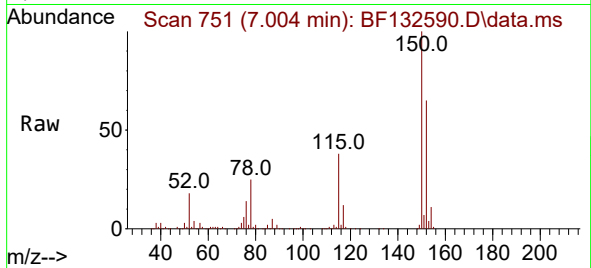




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

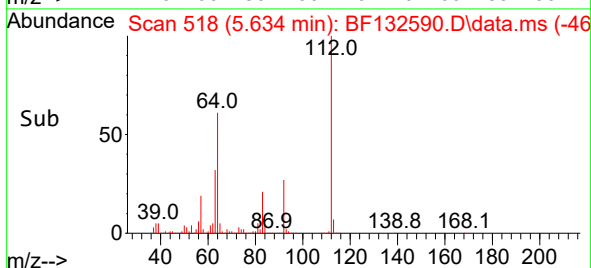
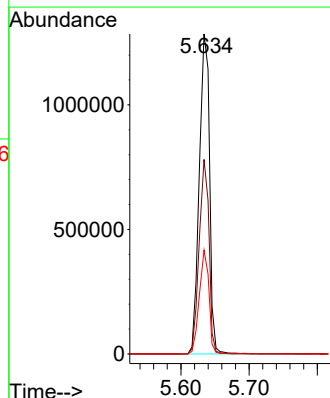
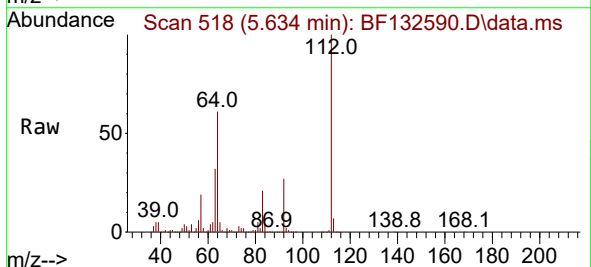
Instrument :
BNA_F
ClientSampleId :
JB-1S

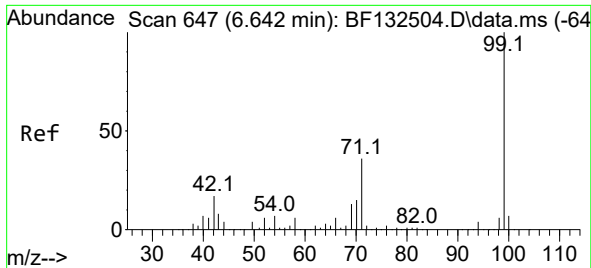
Tgt Ion:152 Resp: 211022
Ion Ratio Lower Upper
152 100
150 153.4 125.4 188.2
115 57.7 47.8 71.6



#5
2-Fluorophenol
Concen: 103.916 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Tgt Ion:112 Resp: 1351133
Ion Ratio Lower Upper
112 100
64 60.8 51.6 77.4
63 32.4 27.4 41.2

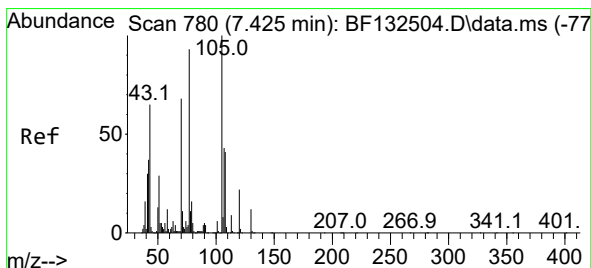
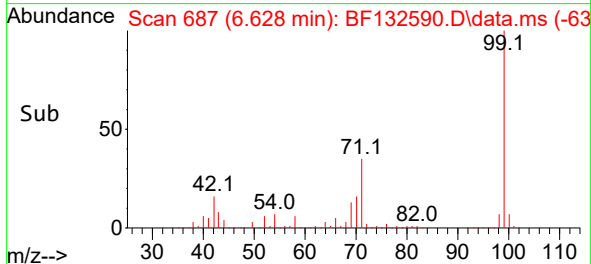
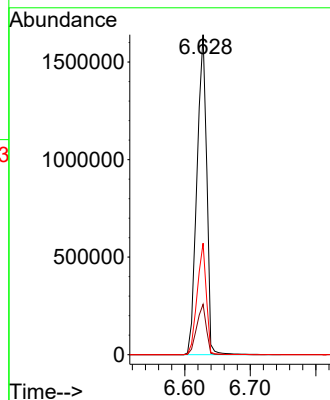
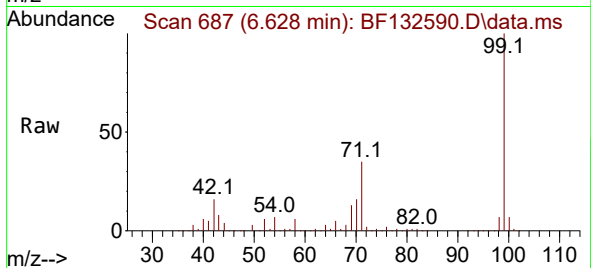




#7
Phenol-d6
Concen: 100.217 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

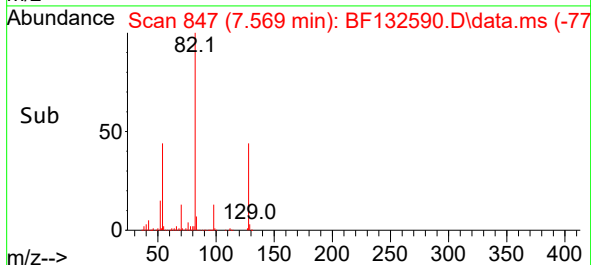
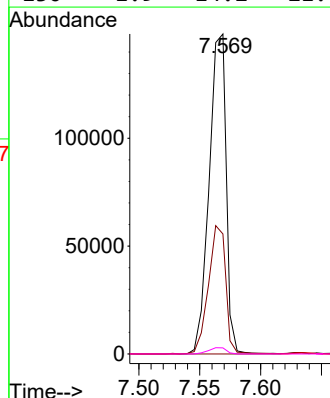
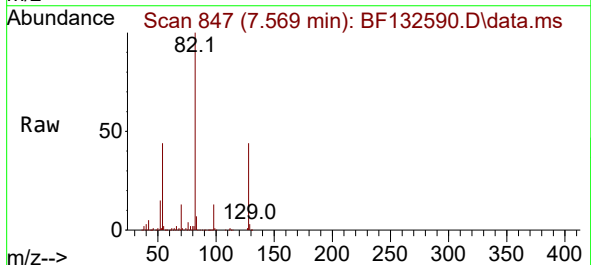
Instrument :
BNA_F
ClientSampleId :
JB-1S

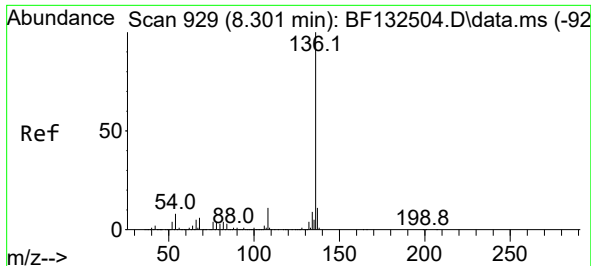
Tgt Ion: 99 Resp: 1700581
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 34.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.866 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Tgt Ion: 70 Resp: 144803
Ion Ratio Lower Upper
70 100
42 37.5 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#

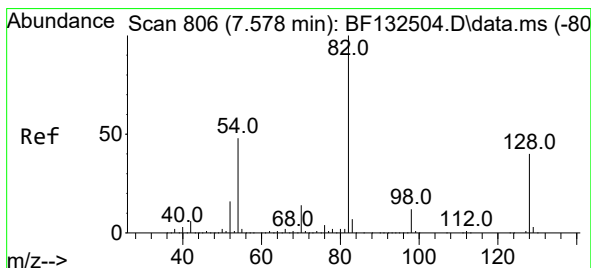
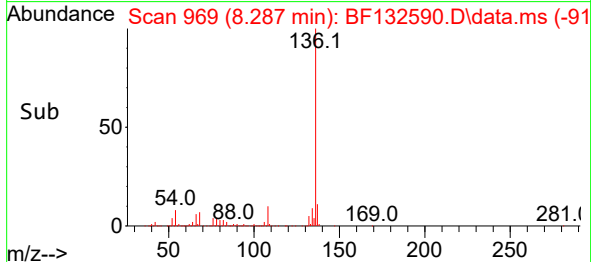
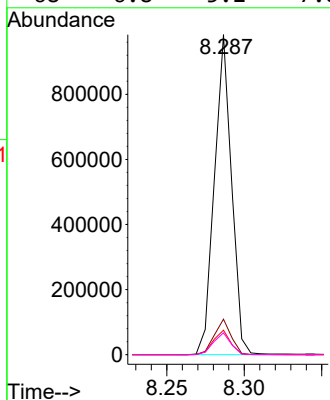
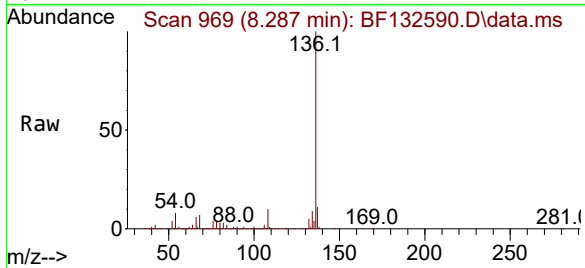




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

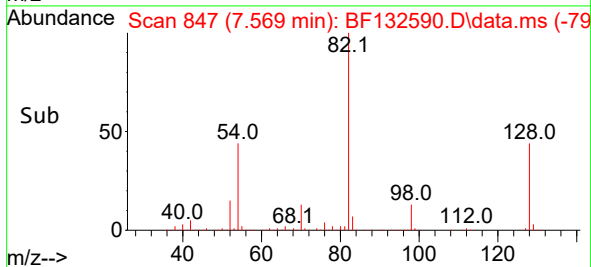
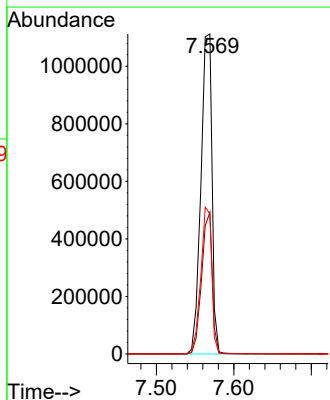
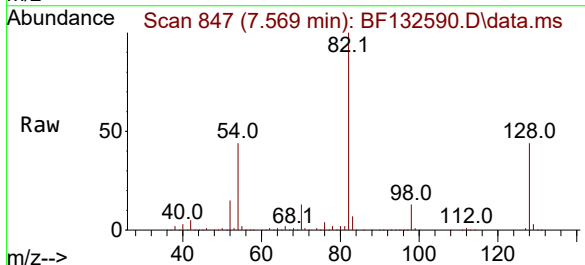
Instrument :
BNA_F
ClientSampleId :
JB-1S

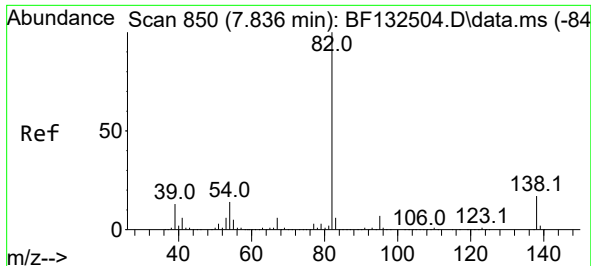
Tgt Ion:136 Resp: 757146
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.7 6.2 9.4
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 69.608 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Tgt Ion: 82 Resp: 1110841
Ion Ratio Lower Upper
82 100
128 44.2 32.2 48.2
54 43.8 38.4 57.6

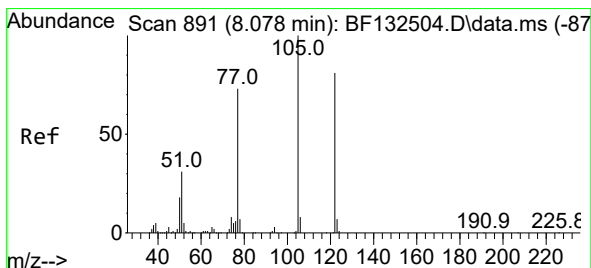
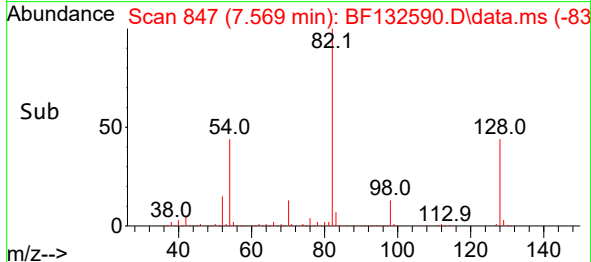
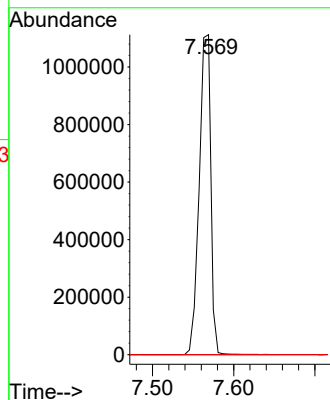
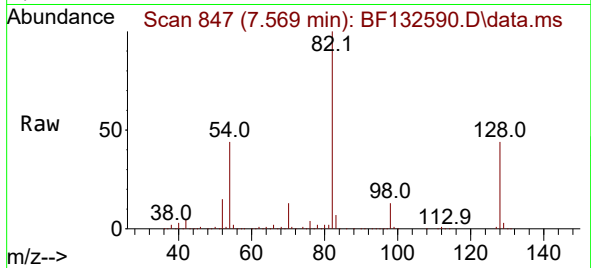




#25
Isophorone
Concen: 36.306 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

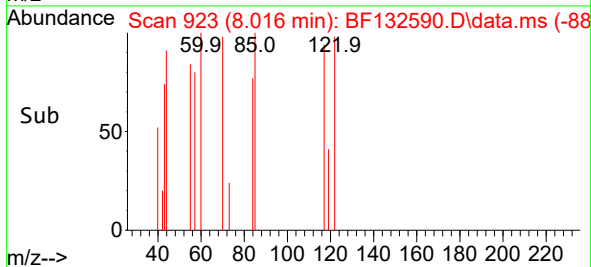
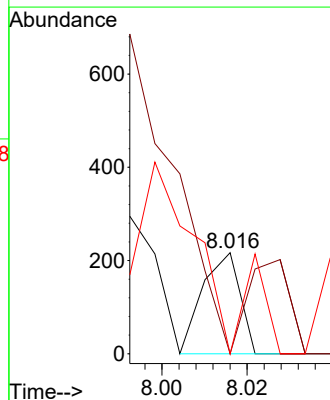
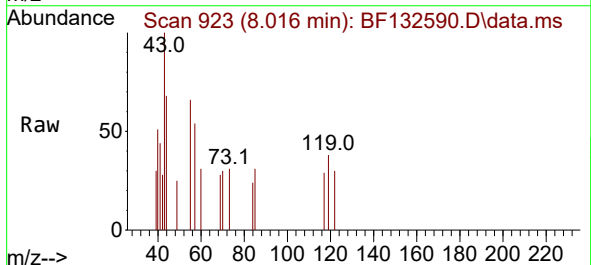
Instrument :
BNA_F
ClientSampleId :
JB-1S

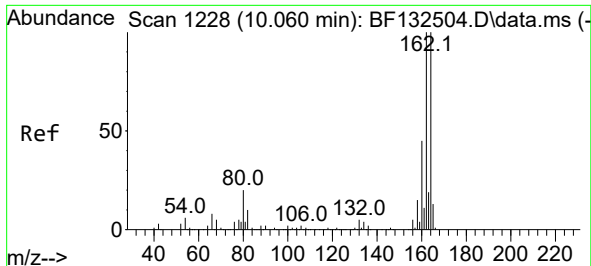
Tgt Ion: 82 Resp: 1110828
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.849 ng
RT: 8.016 min Scan# 923
Delta R.T. -0.050 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Tgt Ion:122 Resp: 133
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 0.0 70.2 110.2#

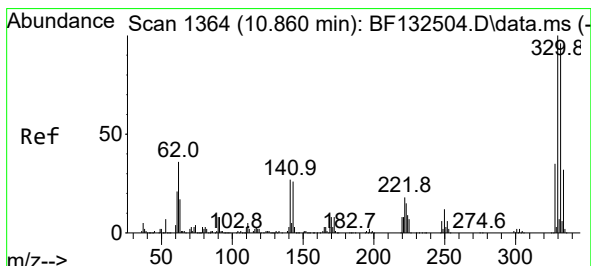
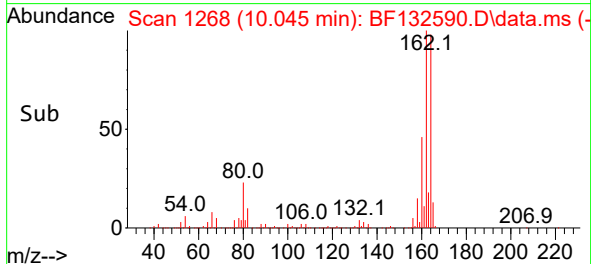
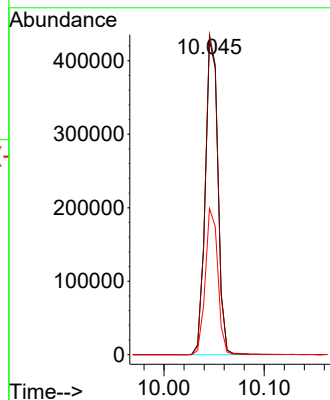
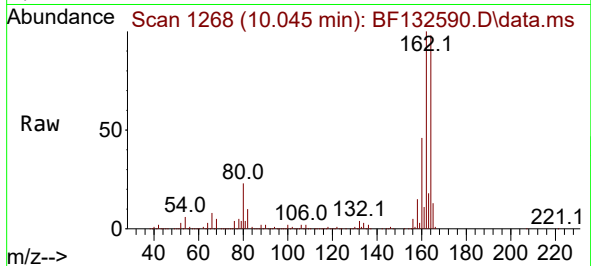




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.009 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

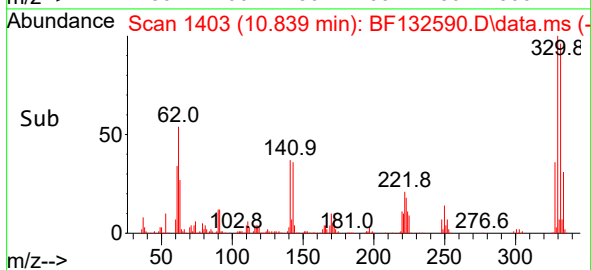
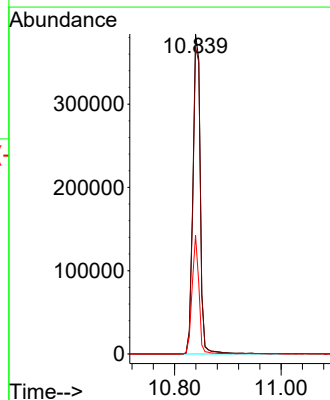
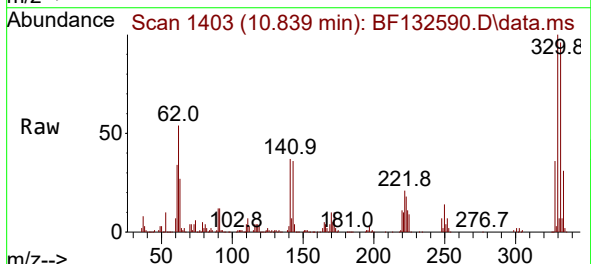
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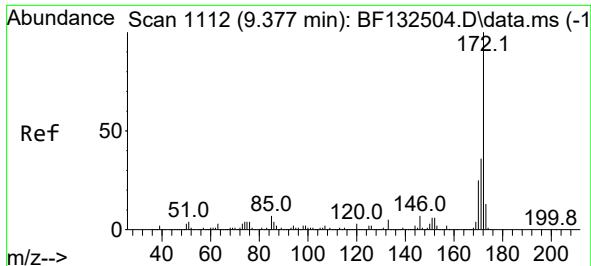
Tgt Ion:164 Resp: 378535
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 46.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 90.767 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Tgt Ion:330 Resp: 371059
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 34.2 28.4 42.6

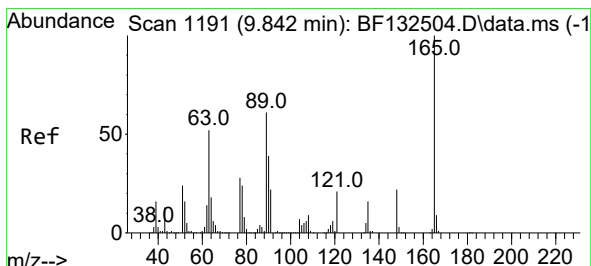
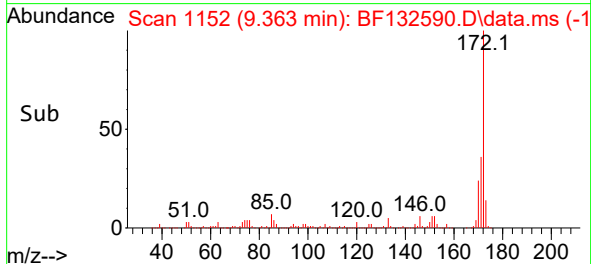
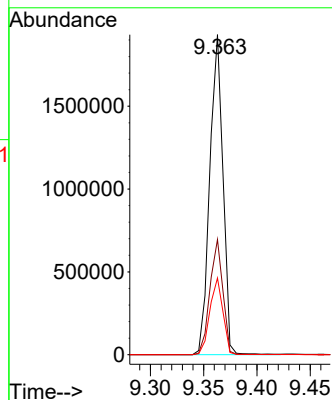
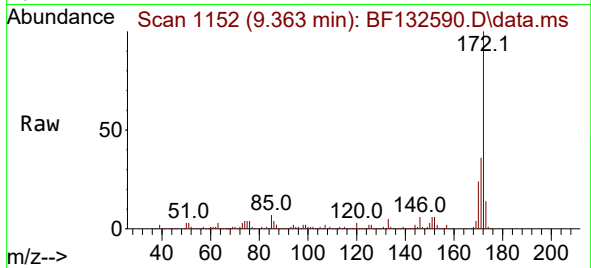




#45
2-Fluorobiphenyl
Concen: 67.124 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

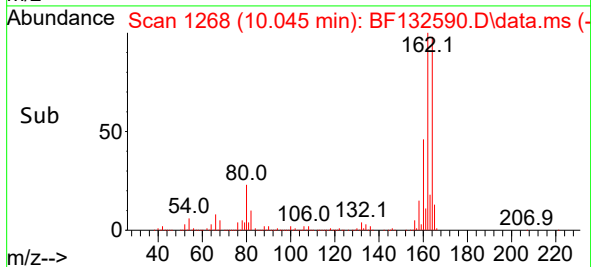
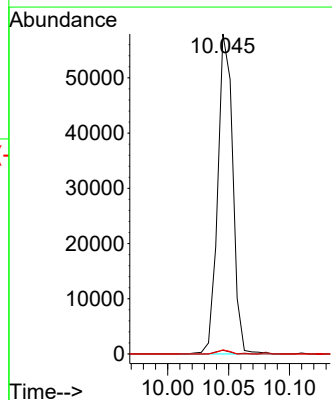
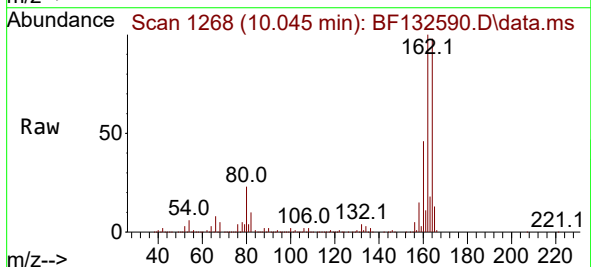
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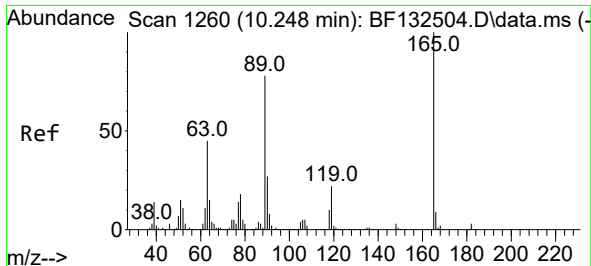
Tgt Ion:172 Resp: 1668713
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.929 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Tgt Ion:165 Resp: 49771
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.3 48.9 73.3#

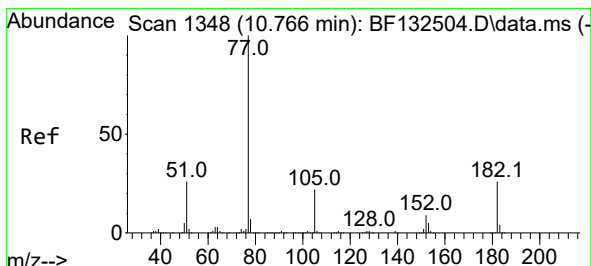
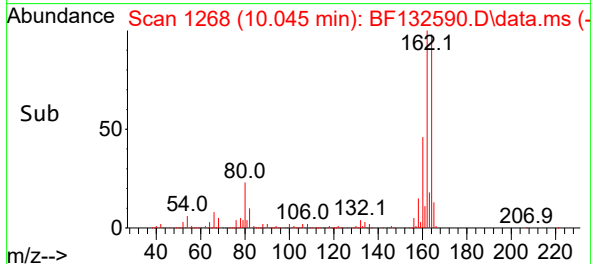
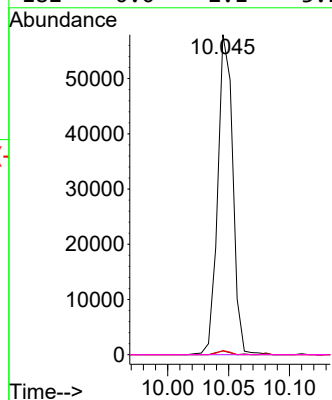
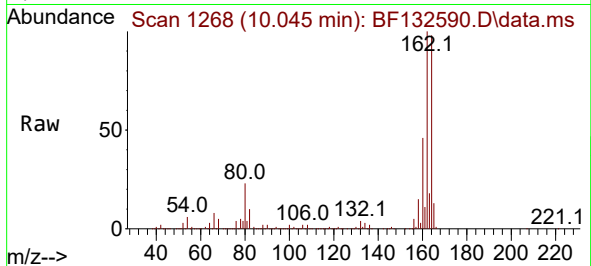




#57
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

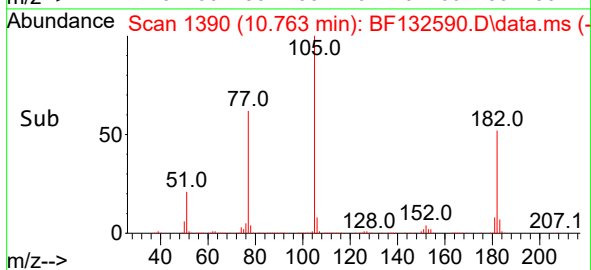
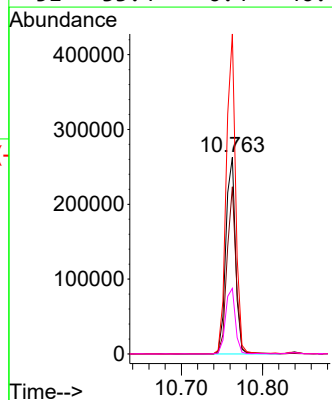
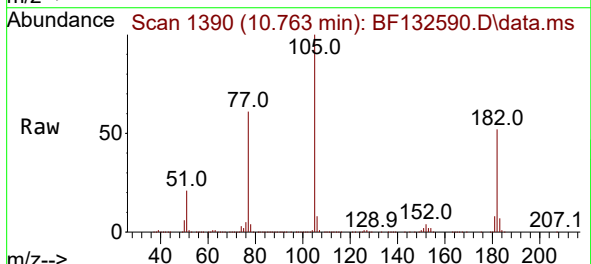
Instrument :
BNA_F
ClientSampleId :
JB-1S

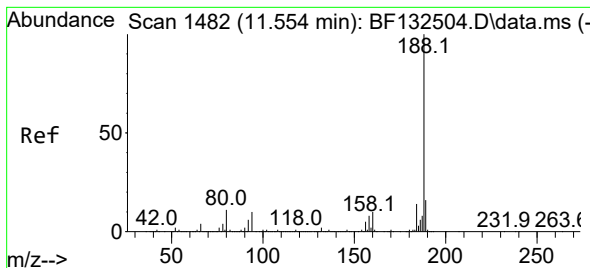
Tgt Ion:165 Resp: 49771
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 7.669 ng
RT: 10.763 min Scan# 1390
Delta R.T. 0.009 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Tgt Ion: 77 Resp: 218636
Ion Ratio Lower Upper
77 100
182 85.0 5.5 45.5#
105 162.7 1.8 41.8#
51 33.4 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.539 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132590.D

Acq: 01 Mar 2023 14:36

Instrument :

BNA_F

ClientSampleId :

JB-1S

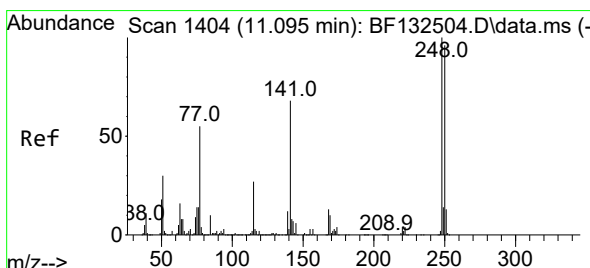
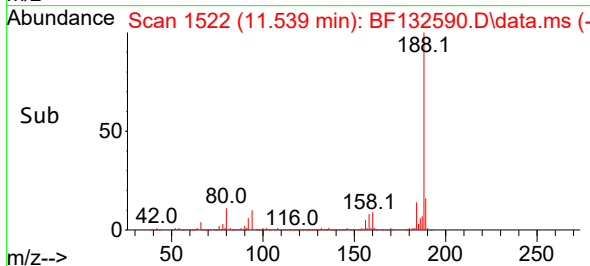
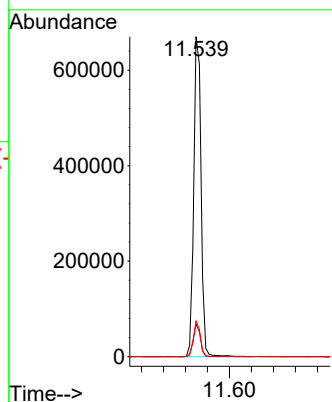
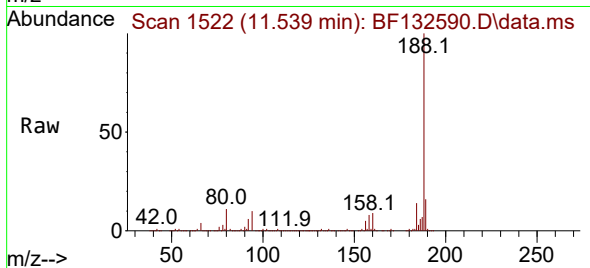
Tgt Ion:188 Resp: 615427

Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

80 11.1 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 3.549 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.250 min

Lab File: BF132590.D

Acq: 01 Mar 2023 14:36

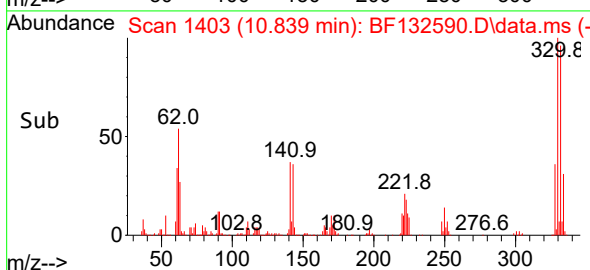
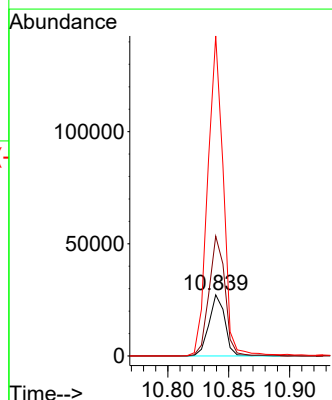
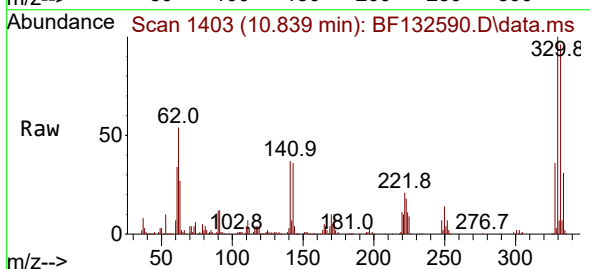
Tgt Ion:248 Resp: 24708

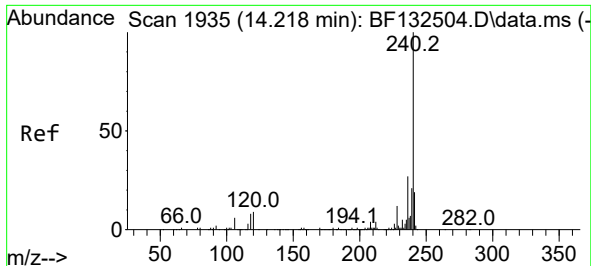
Ion Ratio Lower Upper

248 100

250 196.2 77.0 115.4#

141 523.5 54.2 81.2#

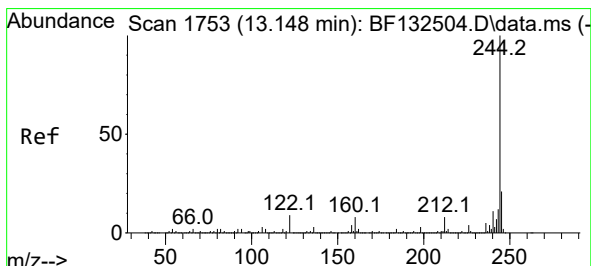
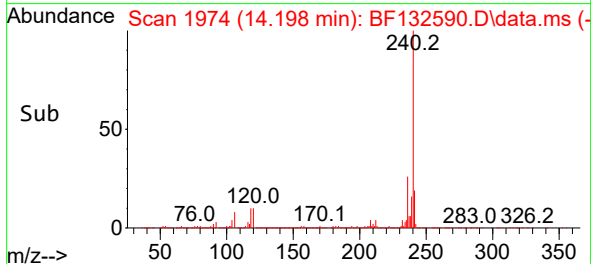
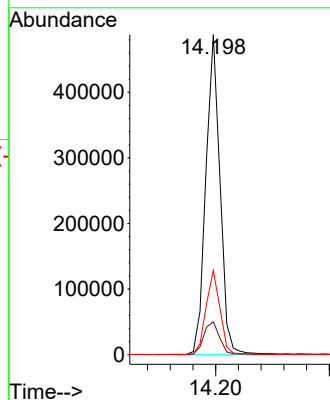
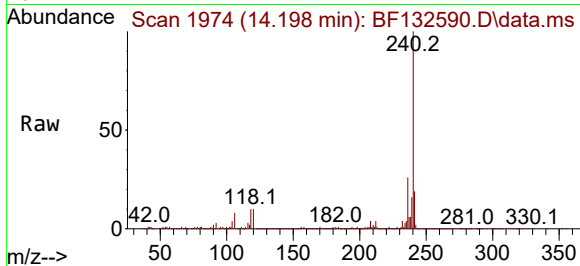




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

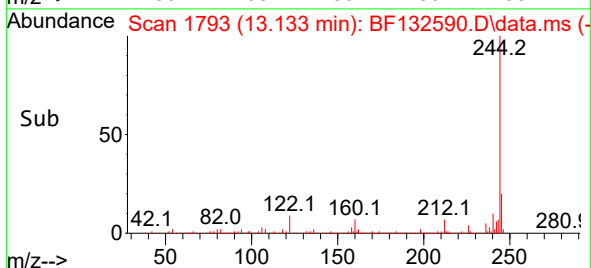
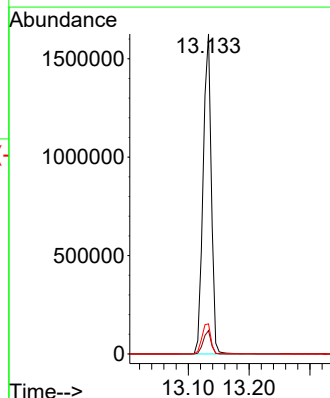
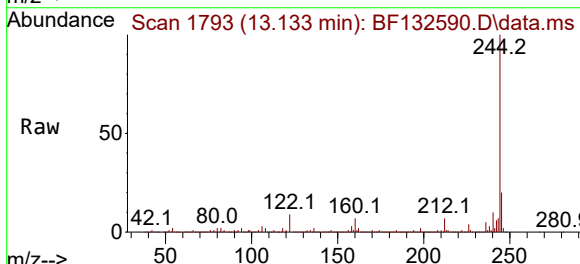
Instrument :
BNA_F
ClientSampleId :
JB-1S

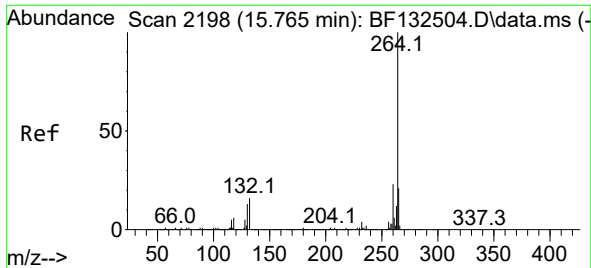
Tgt Ion:240 Resp: 423282
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.4 21.8 32.6



#79
Terphenyl-d14
Concen: 60.268 ng
RT: 13.133 min Scan# 1793
Delta R.T. -0.009 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

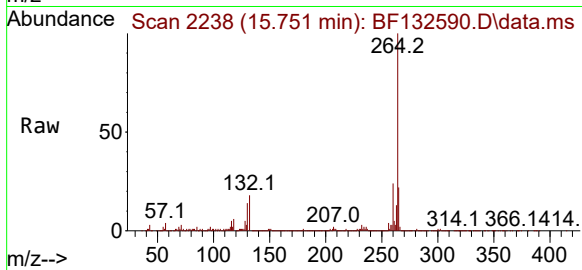
Tgt Ion:244 Resp: 1508820
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 9.4 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.751 min Scan# 21
Delta R.T. -0.003 min
Lab File: BF132590.D
Acq: 01 Mar 2023 14:36

Instrument :
BNA_F
ClientSampleId :
JB-1S



Tgt Ion:264 Resp: 493617

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.3	17.1	25.7

