

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132517.D
 Acq On : 23 Feb 2023 13:16
 Operator : CG\JU
 Sample : PB150998TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150998TB

Quant Time: Feb 24 00:35:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

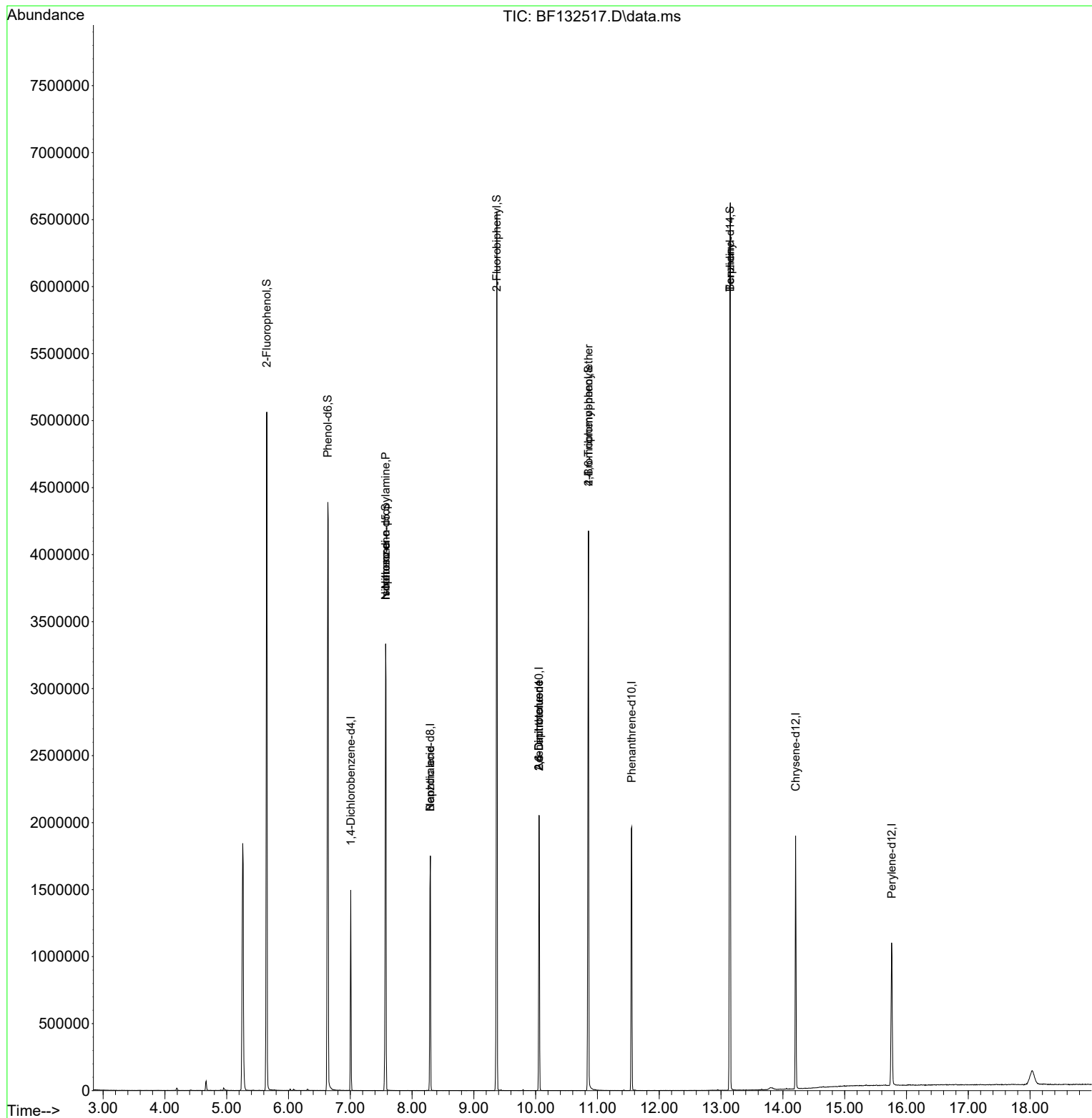
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	197591	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	740496	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	404758	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	786489	20.000	ng	# 0.00
76) Chrysene-d12	14.207	240	605521	20.000	ng	#-0.01
86) Perylene-d12	15.759	264	524731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1442919	118.518	ng	0.01
7) Phenol-d6	6.637	99	1896337	119.349	ng	0.00
23) Nitrobenzene-d5	7.572	82	1280193	82.023	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	517744	118.444	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2009818	75.607	ng	0.00
79) Terphenyl-d14	13.148	244	2544840	71.057	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	172229	17.613	ng	# 77
25) Isophorone	7.572	82	1278050	42.711	ng	# 67
32) Benzoic acid	8.295	122	174	3.853	ng	# 1
51) 2,6-Dinitrotoluene	10.054	165	52892	7.880	ng	# 22
57) 2,4-Dinitrotoluene	10.054	165	52892	5.923	ng	# 21
67) 4-Bromophenyl-phenylether	10.854	248	35870	4.032	ng	# 1
77) Benzidine	13.148	184	38004	2.578	ng	# 95

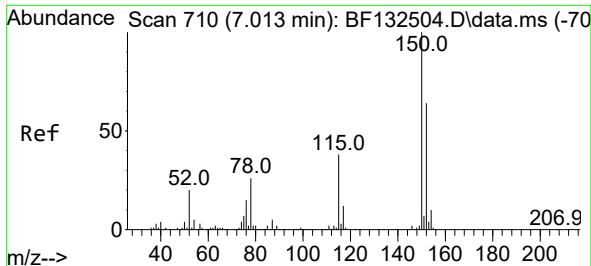
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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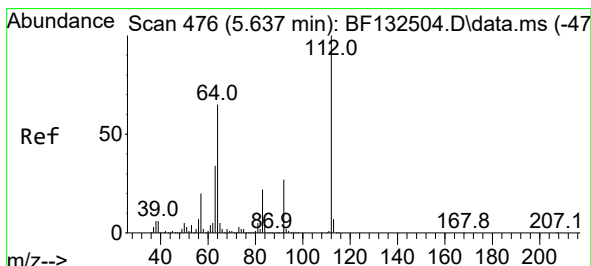
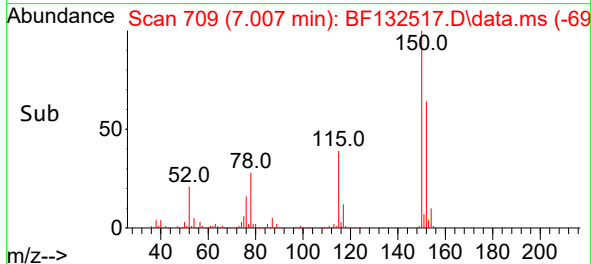
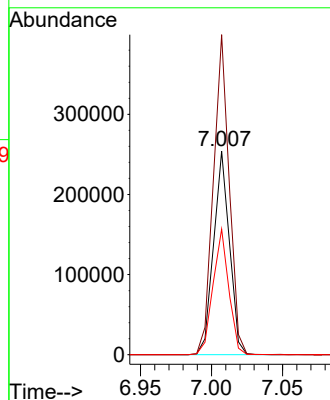
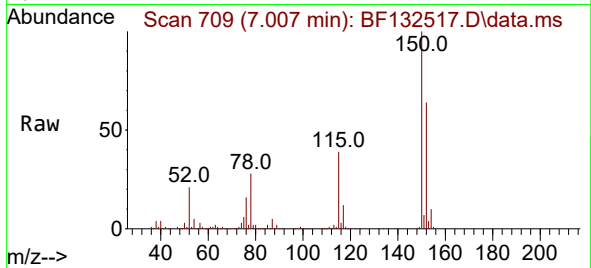




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

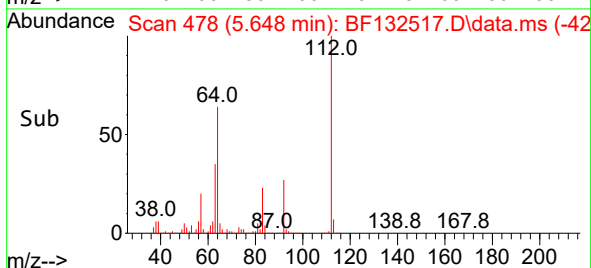
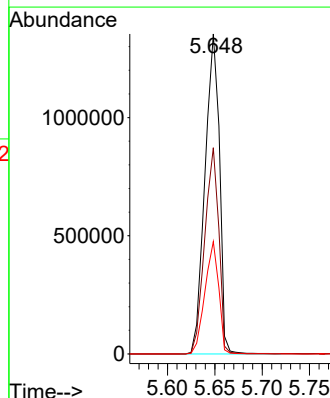
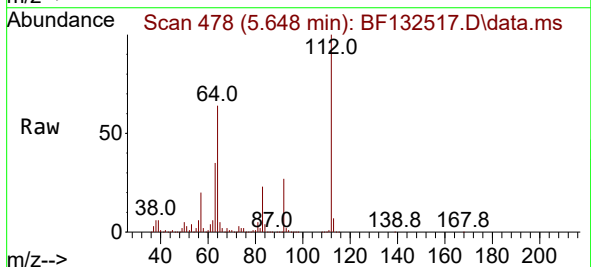
Instrument :
BNA_F
ClientSampleId :
PB150998TB

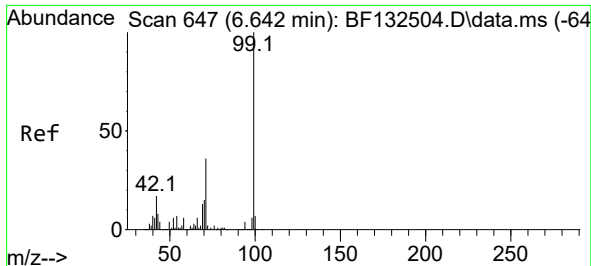
Tgt Ion:152 Resp: 197591
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 61.7 47.8 71.6



#5
2-Fluorophenol
Concen: 118.518 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

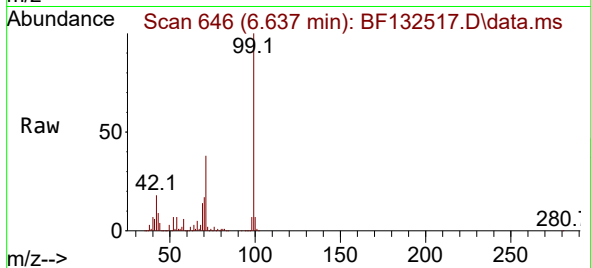
Tgt Ion:112 Resp: 1442919
Ion Ratio Lower Upper
112 100
64 64.5 51.6 77.4
63 35.1 27.4 41.2





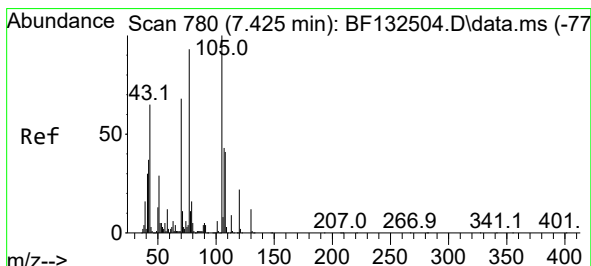
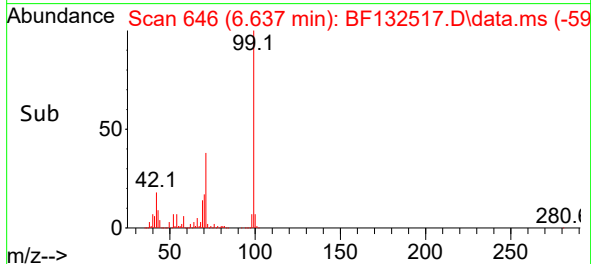
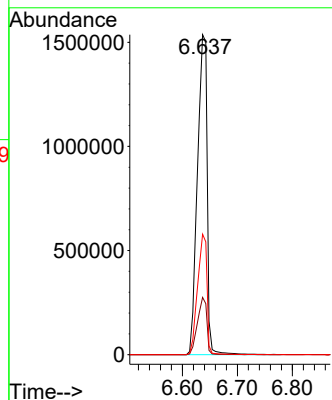
#7
Phenol-d6
Concen: 119.349 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1896337

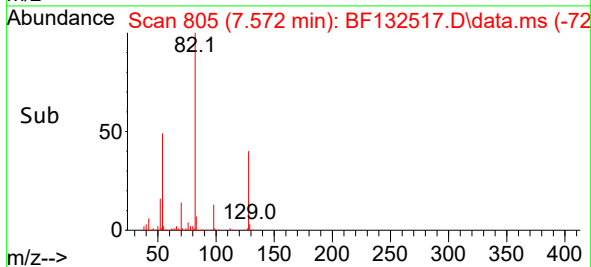
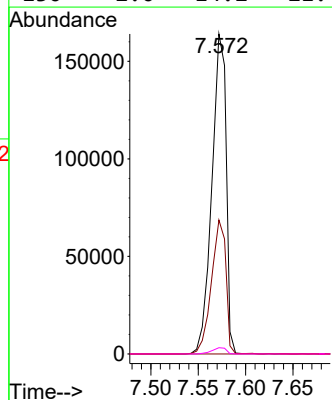
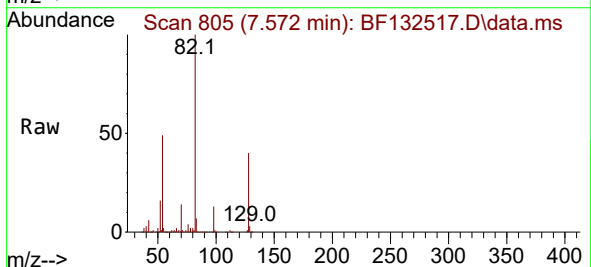
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.9	20.9
71	37.6	28.5	42.7

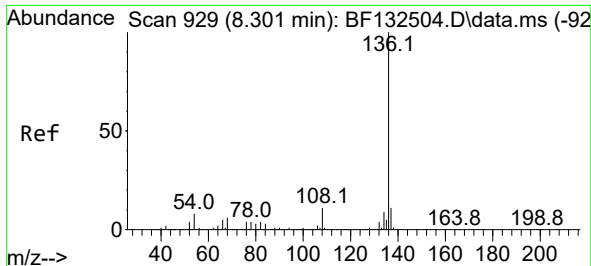


#19
n-Nitroso-di-n-propylamine
Concen: 17.613 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion: 70 Resp: 172229

Ion	Ratio	Lower	Upper
70	100		
42	41.8	44.1	66.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

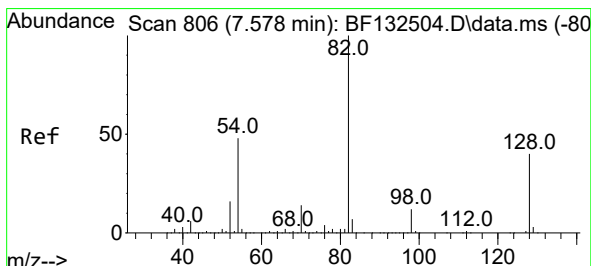
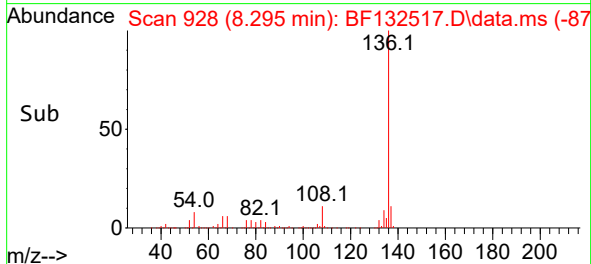
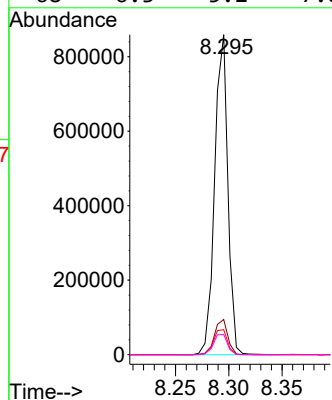
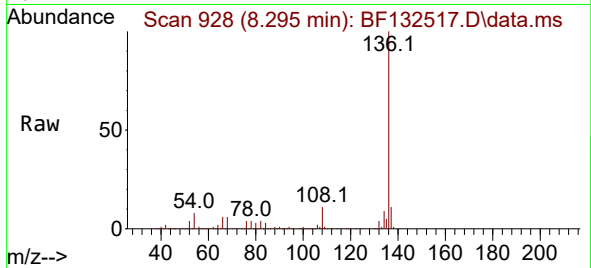




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

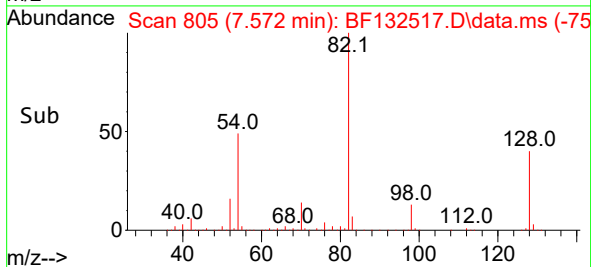
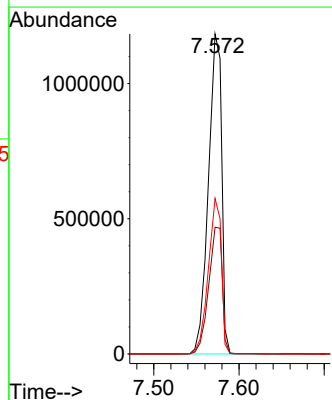
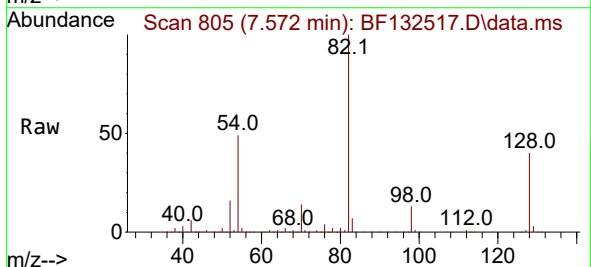
Instrument :
BNA_F
ClientSampleId :
PB150998TB

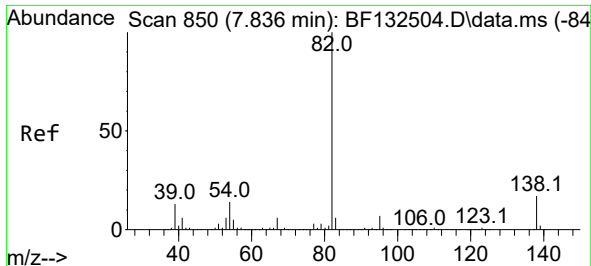
Tgt Ion:136 Resp: 740496
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.8 6.2 9.4
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 82.023 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion: 82 Resp: 1280193
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.2
54 48.6 38.4 57.6

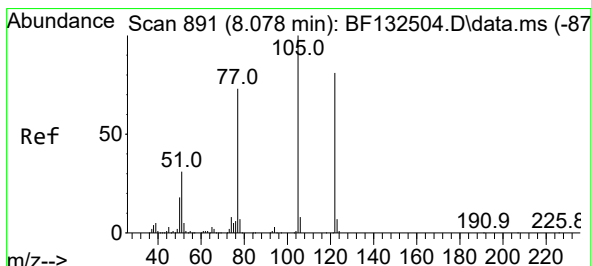
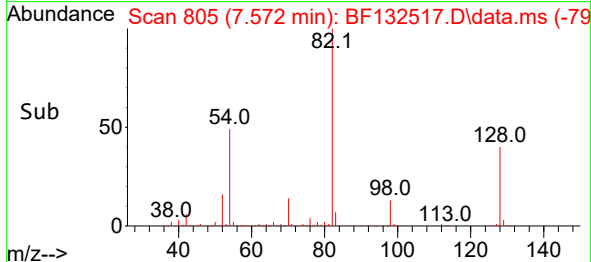
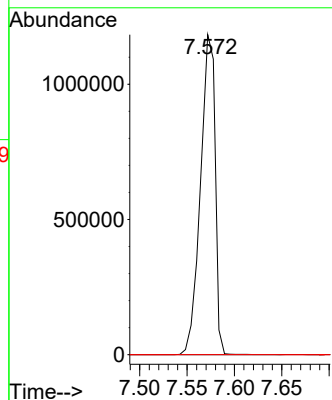
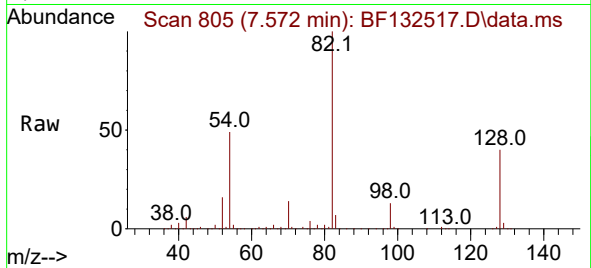




#25
Isophorone
Concen: 42.711 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

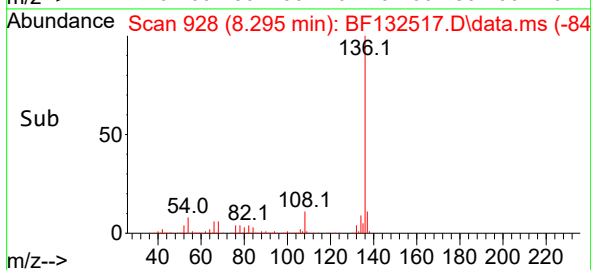
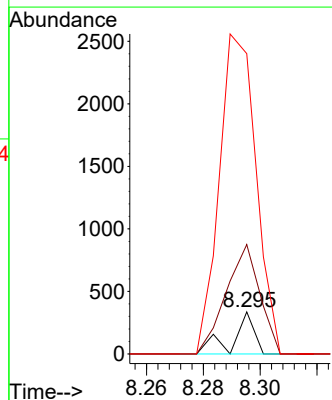
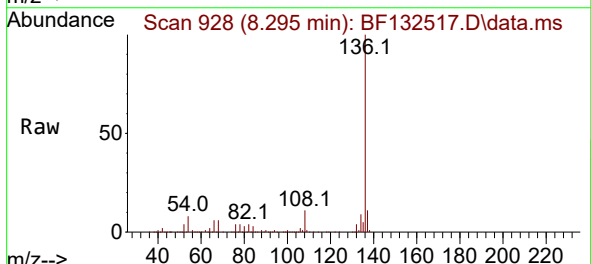
Instrument :
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ClientSampleId :
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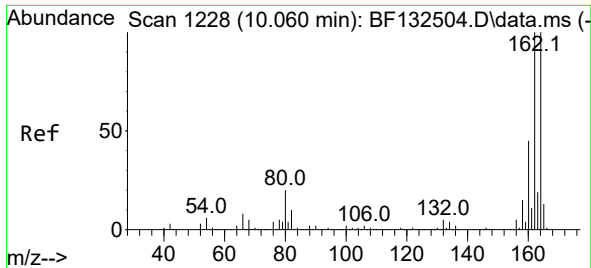
Tgt Ion: 82 Resp: 1278050
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.853 ng
RT: 8.295 min Scan# 928
Delta R.T. 0.217 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion:122 Resp: 174
Ion Ratio Lower Upper
122 100
105 260.4 102.6 142.6#
77 714.9 70.2 110.2#

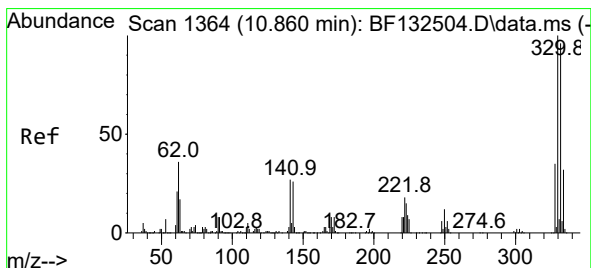
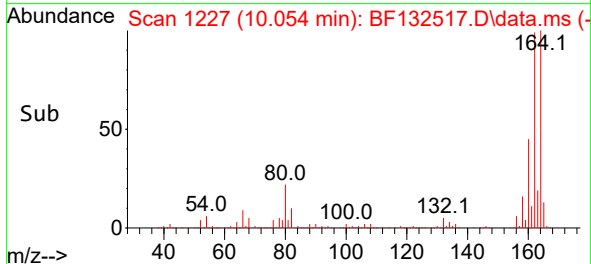
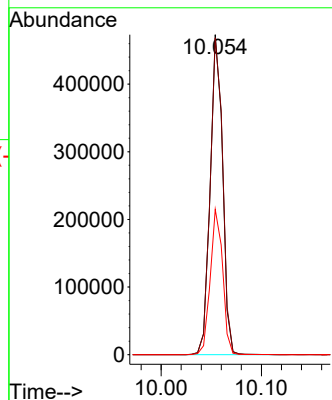
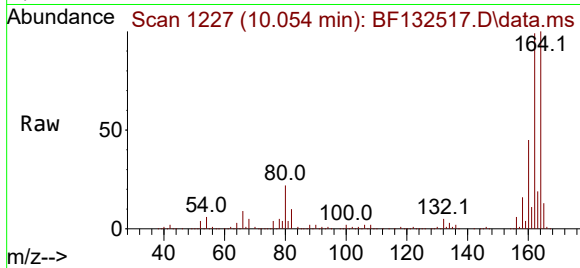




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

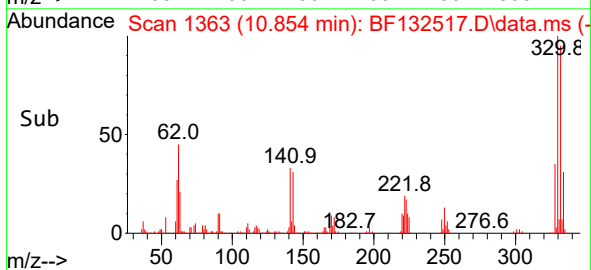
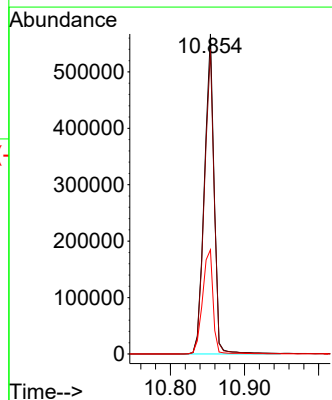
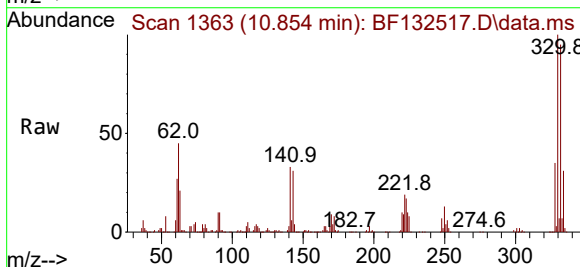
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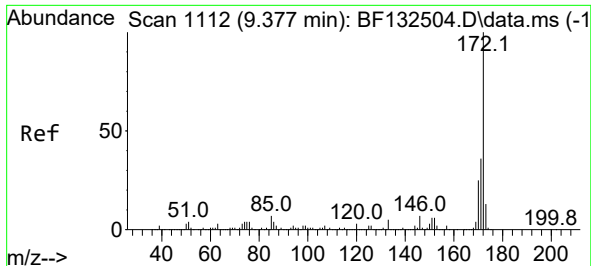
Tgt Ion:164 Resp: 404758
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 45.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 118.444 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion:330 Resp: 517744
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 35.3 28.4 42.6

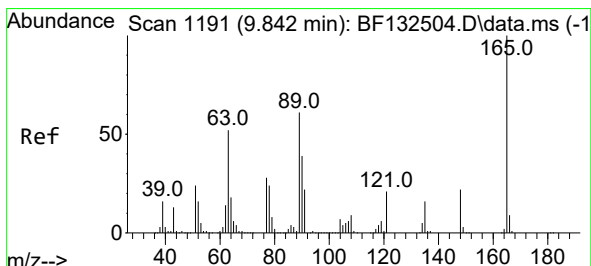
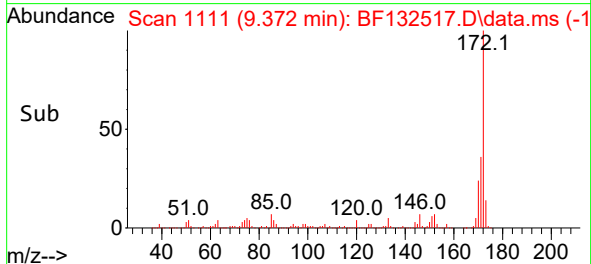
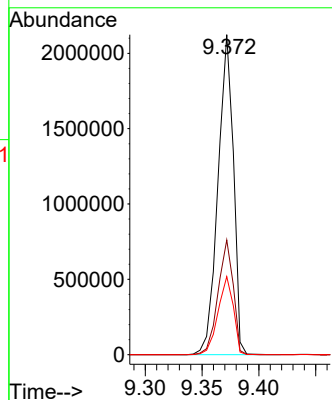
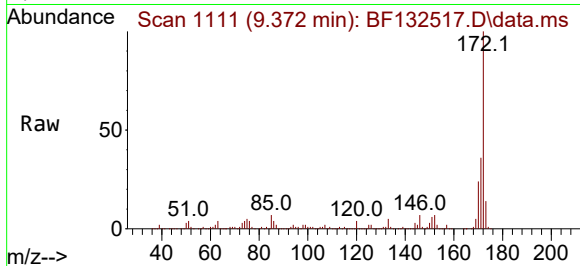




#45
2-Fluorobiphenyl
Concen: 75.607 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

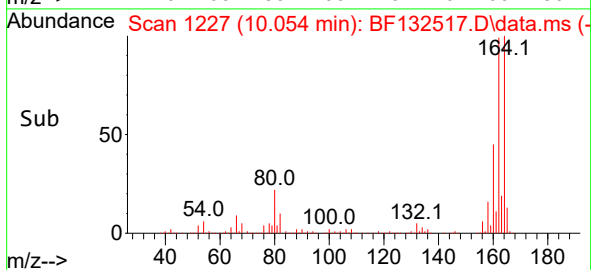
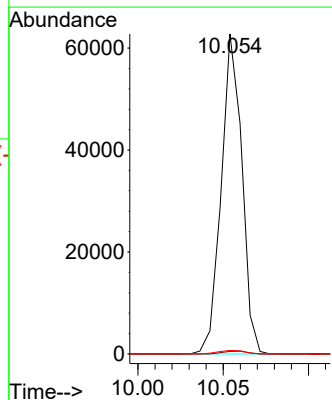
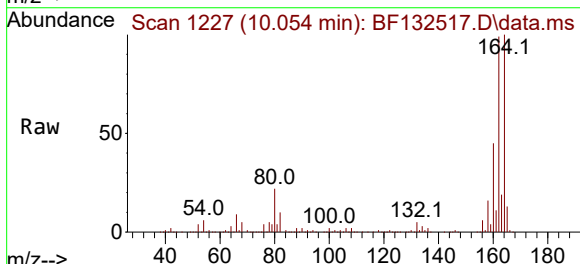
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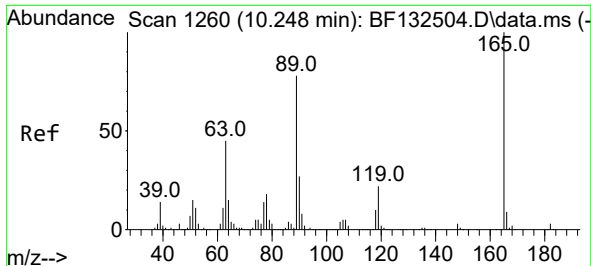
Tgt Ion:172 Resp: 2009818
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion:165 Resp: 52892
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.1 48.9 73.3#

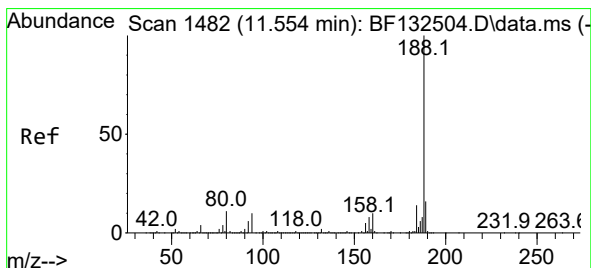
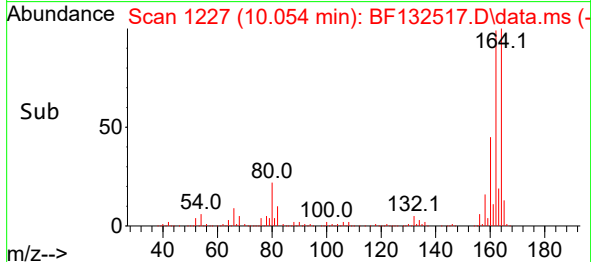
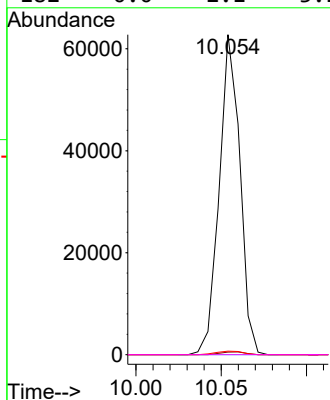
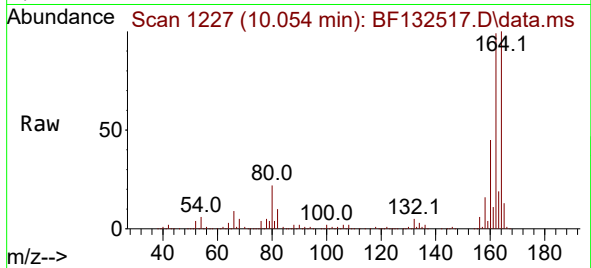




#57
2,4-Dinitrotoluene
Concen: 5.923 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.194 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

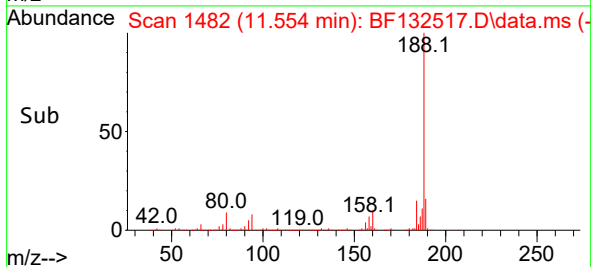
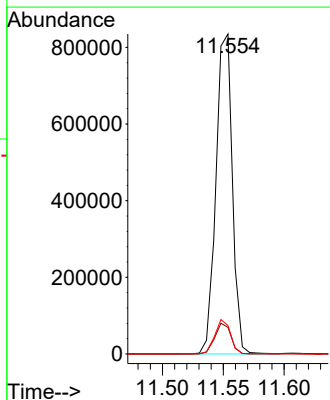
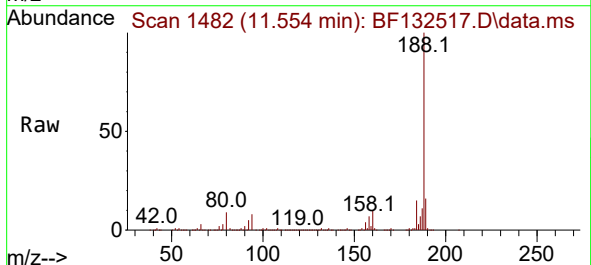
Instrument :
BNA_F
ClientSampleId :
PB150998TB

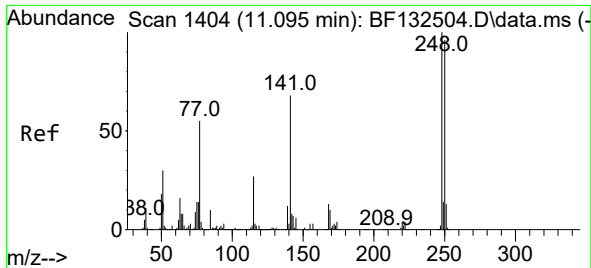
Tgt Ion:165 Resp: 52892
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion:188 Resp: 786489
Ion Ratio Lower Upper
188 100
94 8.3 8.3 12.5#
80 8.9 8.7 13.1

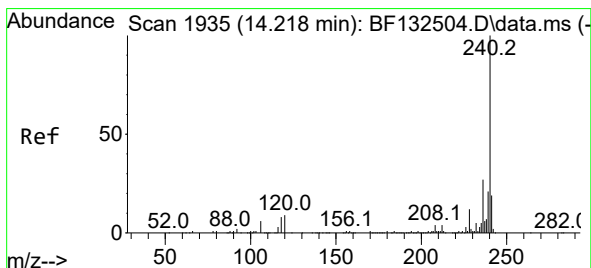
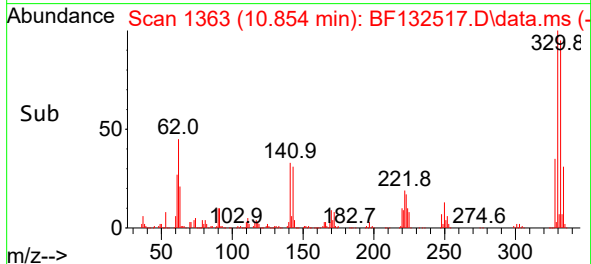
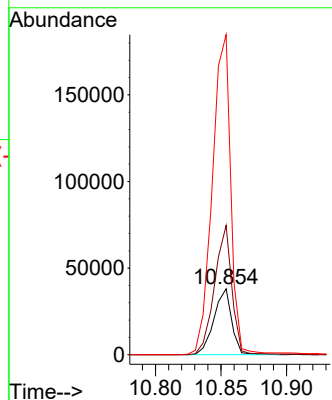
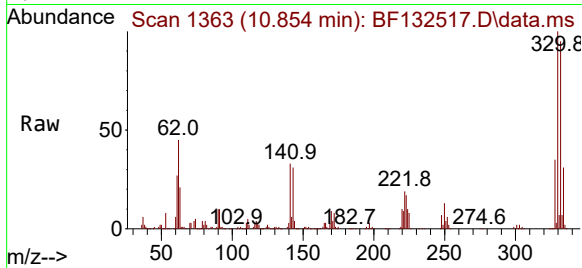




#67
4-Bromophenyl-phenylether
Concen: 4.032 ng
RT: 10.854 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

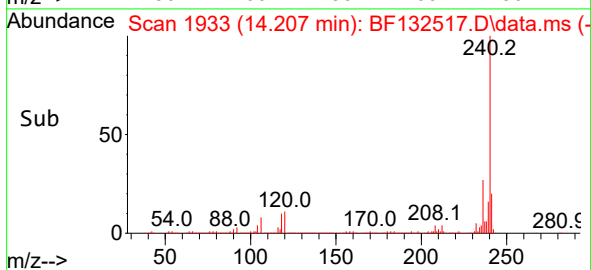
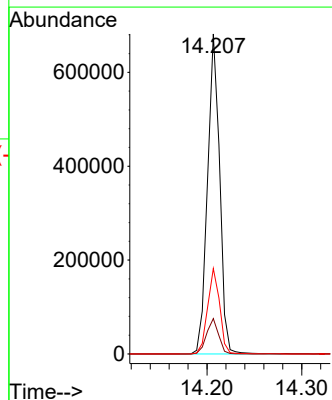
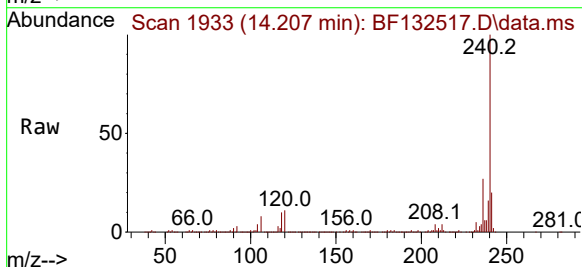
Instrument :
BNA_F
ClientSampleId :
PB150998TB

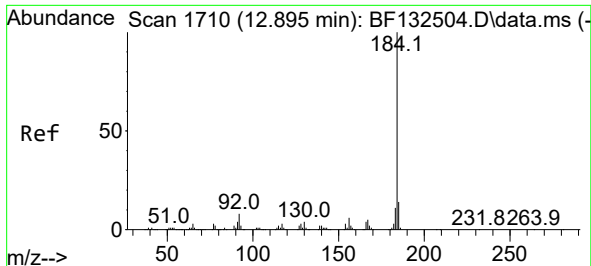
Tgt Ion:248 Resp: 35870
Ion Ratio Lower Upper
248 100
250 196.1 77.0 115.4#
141 485.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion:240 Resp: 605521
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 26.7 21.8 32.6

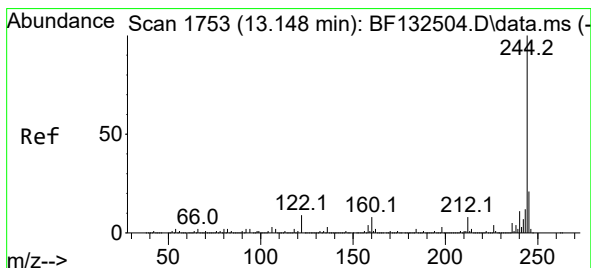
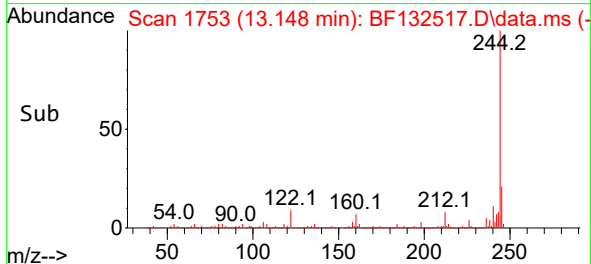
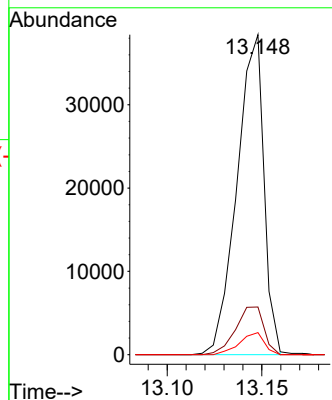
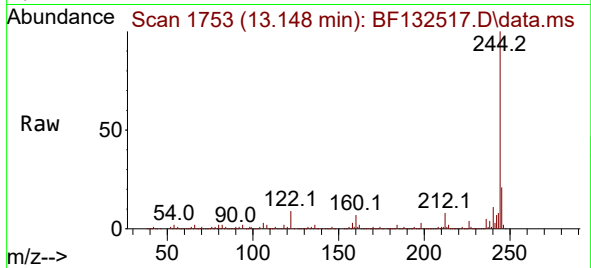




#77
Benzidine
Concen: 2.578 ng
RT: 13.148 min Scan# 1710
Delta R.T. 0.253 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

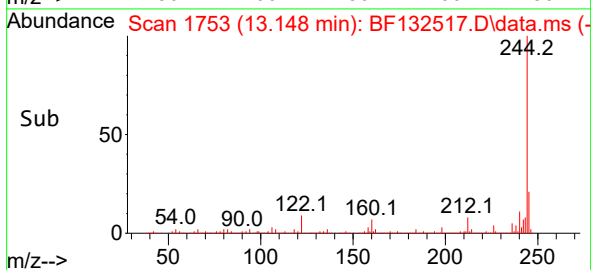
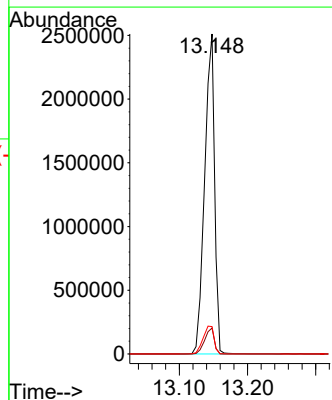
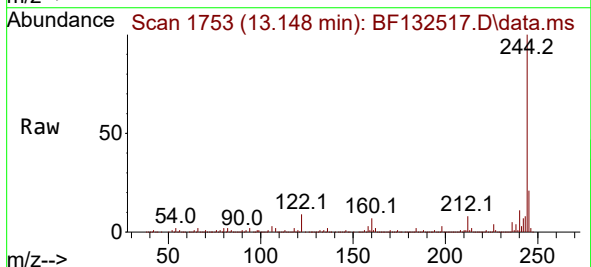
Instrument :
BNA_F
ClientSampleId :
PB150998TB

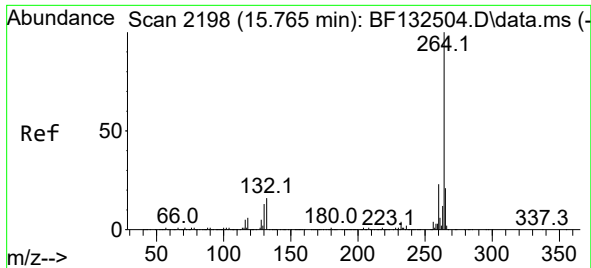
Tgt Ion:184 Resp: 38004
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 6.9 8.7 13.1#



#79
Terphenyl-d14
Concen: 71.057 ng
RT: 13.148 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

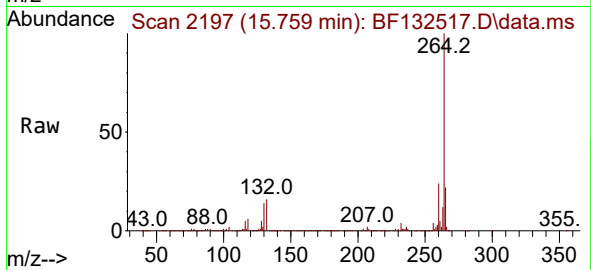
Tgt Ion:244 Resp: 2544840
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 8.6 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.759 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132517.D
 Acq: 23 Feb 2023 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB150998TB



Tgt Ion:264 Resp: 524731
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.2 17.1 25.7

