

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132585.D
 Acq On : 01 Mar 2023 11:53
 Operator : CG\JU
 Sample : PB151108BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151108BL

Quant Time: Mar 02 03:14:46 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)

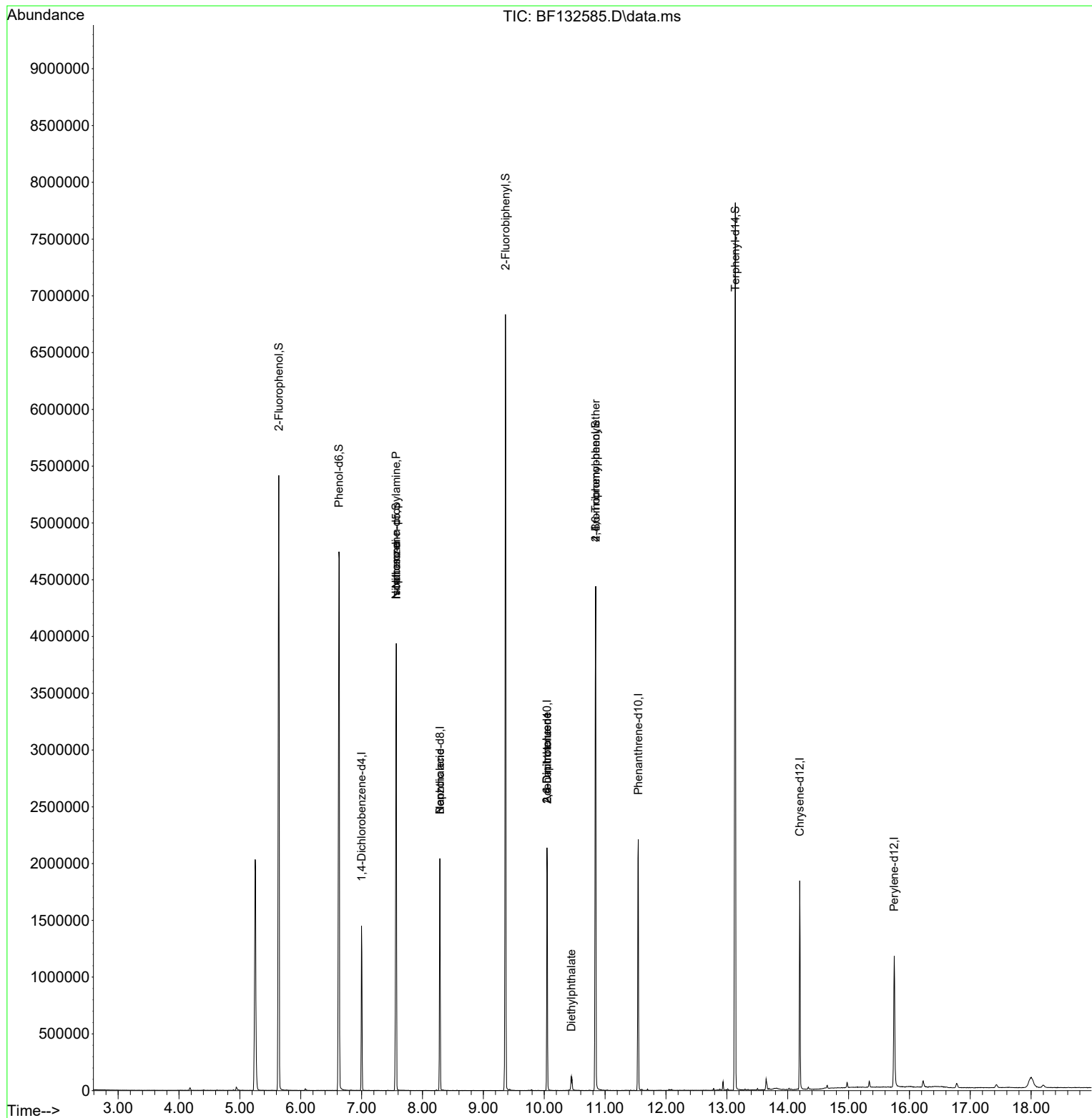
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	214337	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	825248	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	437714	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	859541	20.000	ng	0.00
76) Chrysene-d12	14.198	240	612632	20.000	ng	0.00
86) Perylene-d12	15.751	264	548187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1727080	130.775	ng	0.00
7) Phenol-d6	6.628	99	2179017	126.425	ng	0.00
23) Nitrobenzene-d5	7.569	82	1407045	80.892	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	567115	119.970	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2295668	79.859	ng	0.00
79) Terphenyl-d14	13.139	244	3060035	84.451	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.569	70	186005	17.535	ng	# 75
25) Isophorone	7.569	82	1405747	42.153	ng	# 67
32) Benzoic acid	8.287	122	115	3.846	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	56458	7.778	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	56458	5.847	ng	# 21
60) Diethylphthalate	10.445	149	84580	2.717	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	36169	3.720	ng	# 1

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

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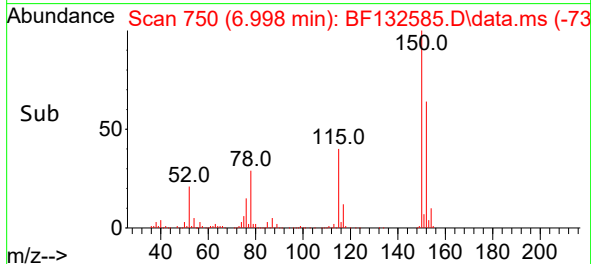
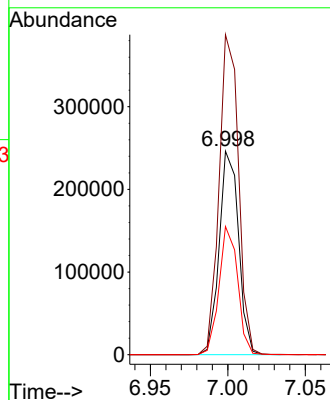
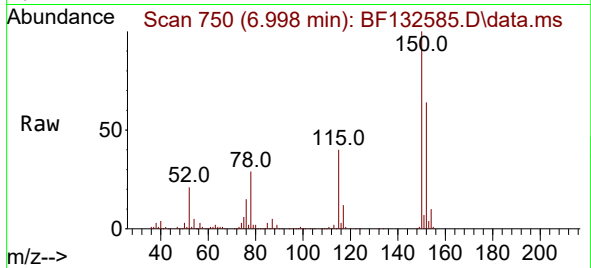




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

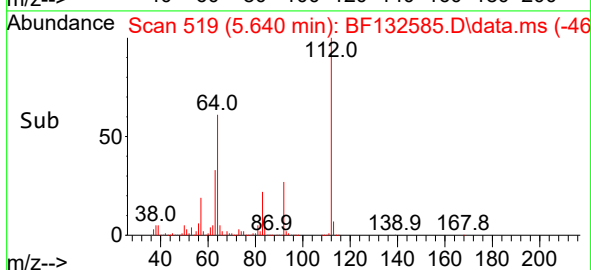
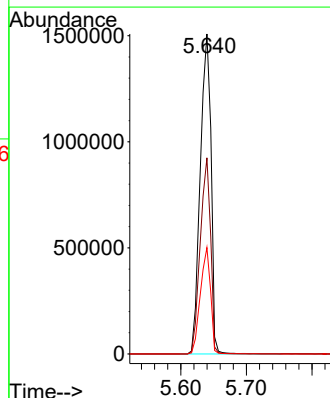
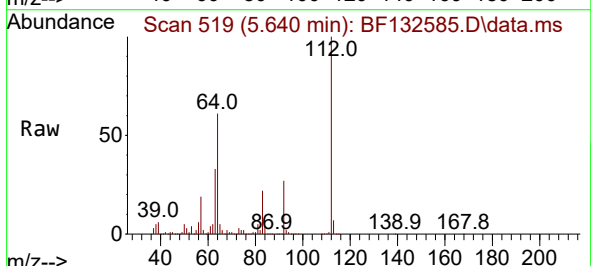
Instrument :
BNA_F
ClientSampleId :
PB151108BL

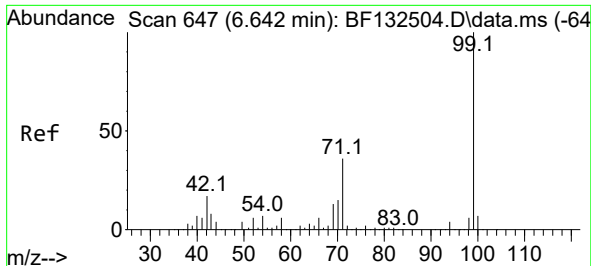
Tgt Ion:152 Resp: 214337
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 62.9 47.8 71.6



#5
2-Fluorophenol
Concen: 130.775 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Tgt Ion:112 Resp: 1727080
Ion Ratio Lower Upper
112 100
64 61.3 51.6 77.4
63 33.2 27.4 41.2

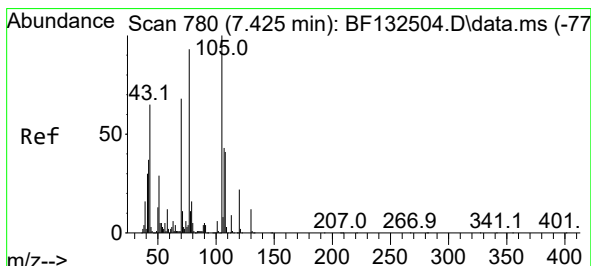
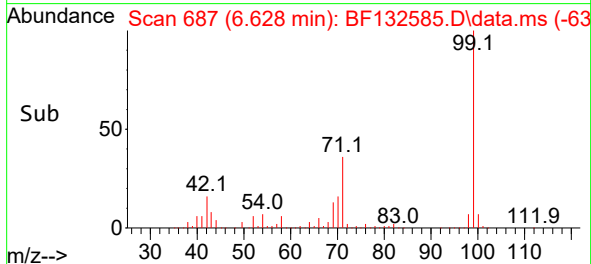
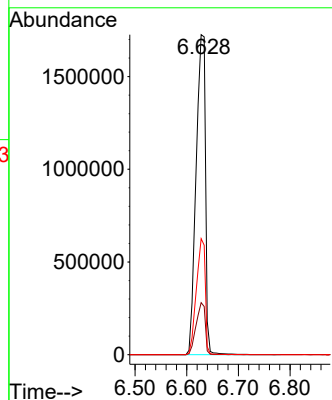
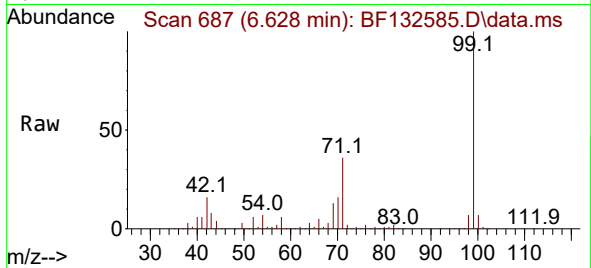




#7
Phenol-d6
Concen: 126.425 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

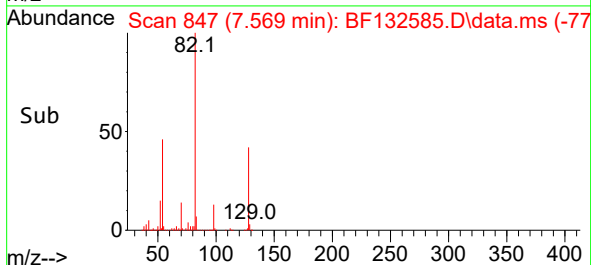
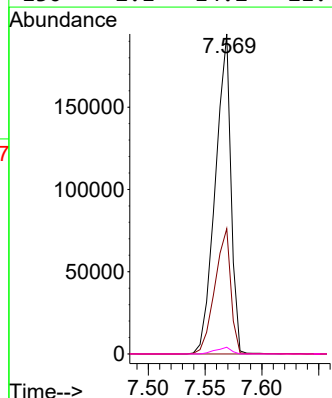
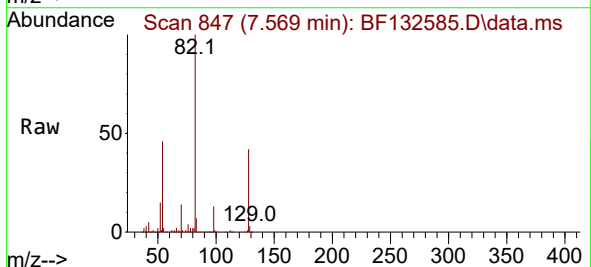
Instrument :
BNA_F
ClientSampleId :
PB151108BL

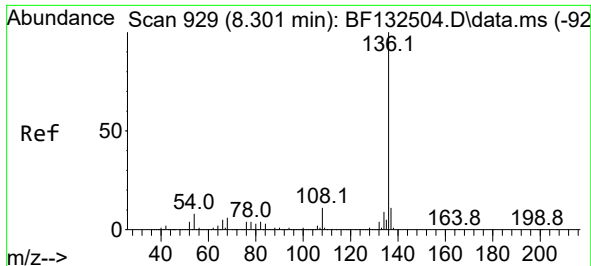
Tgt Ion: 99 Resp: 2179017
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 36.3 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.535 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Tgt Ion: 70 Resp: 186005
Ion Ratio Lower Upper
70 100
42 39.1 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

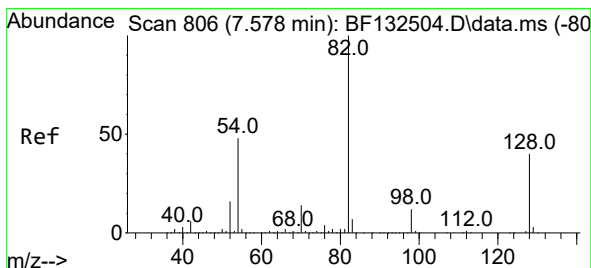
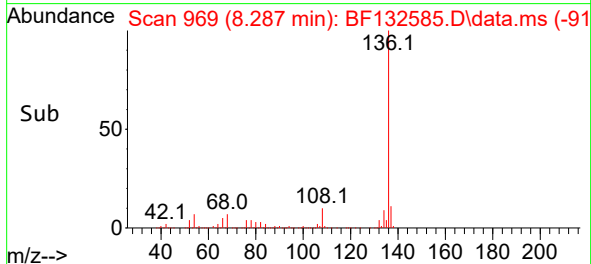
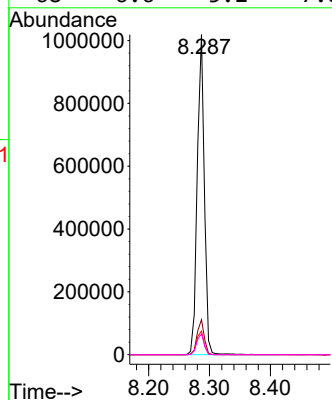
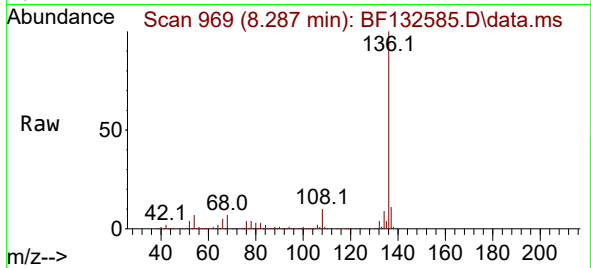




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

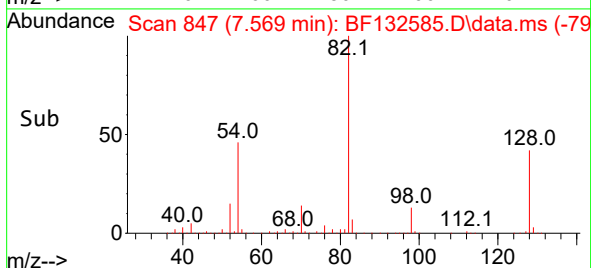
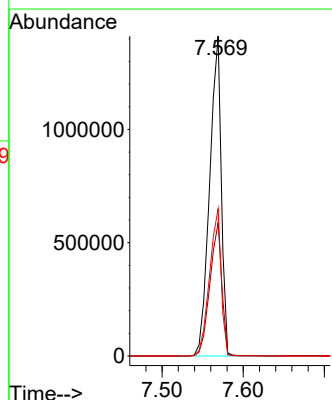
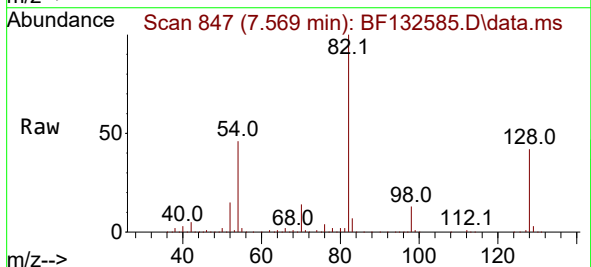
Instrument :
BNA_F
ClientSampleId :
PB151108BL

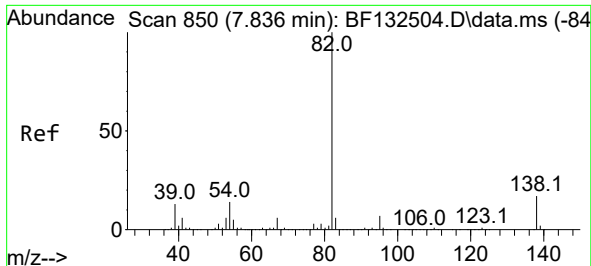
Tgt Ion:136 Resp: 825248
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.2 9.4
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 80.892 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Tgt Ion: 82 Resp: 1407045
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 46.0 38.4 57.6

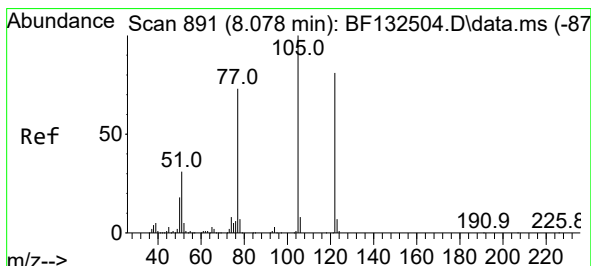
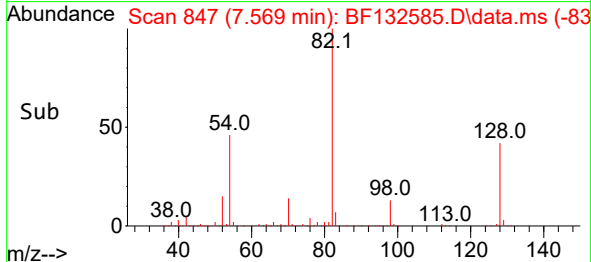
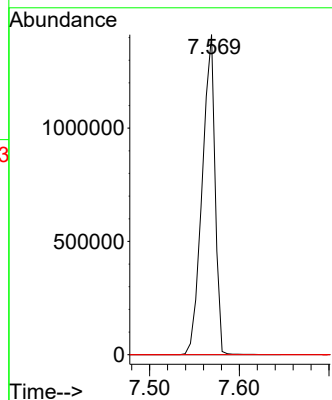
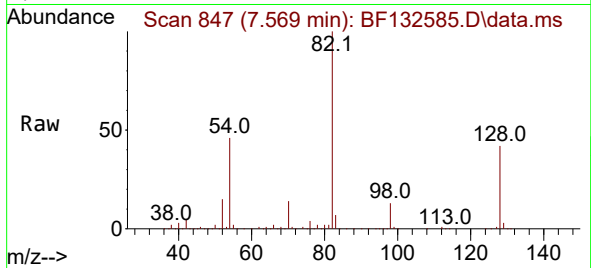




#25
Isophorone
Concen: 42.153 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

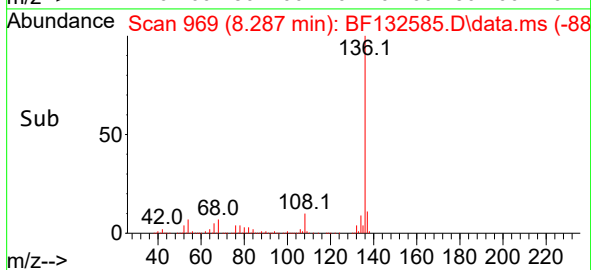
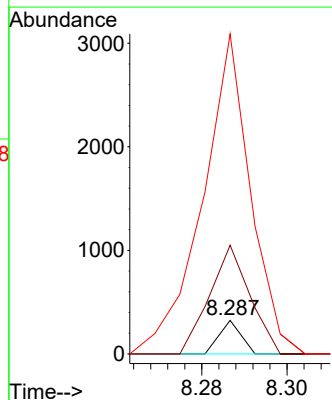
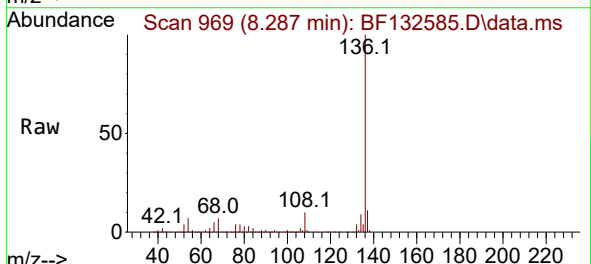
Instrument :
BNA_F
ClientSampleId :
PB151108BL

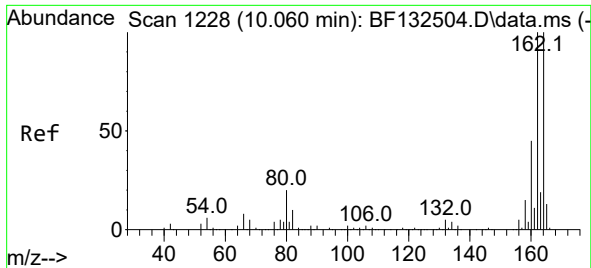
Tgt Ion: 82 Resp: 1405747
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.846 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Tgt Ion: 122 Resp: 115
Ion Ratio Lower Upper
122 100
105 323.1 102.6 142.6#
77 950.8 70.2 110.2#

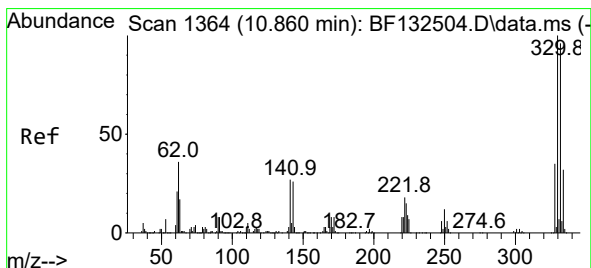
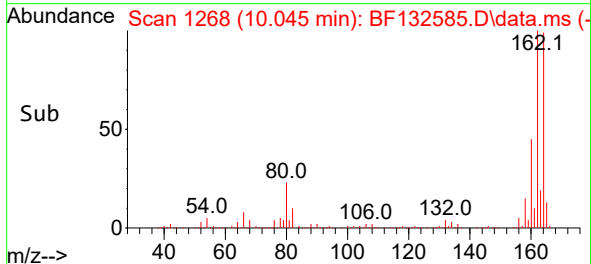
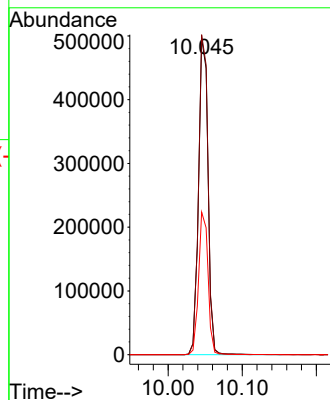
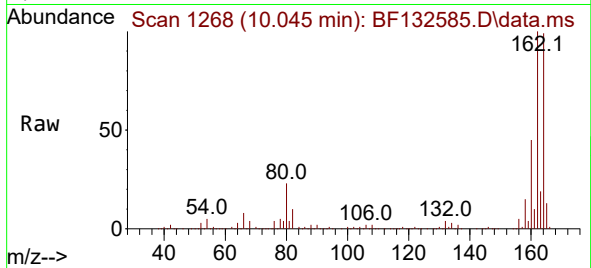




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

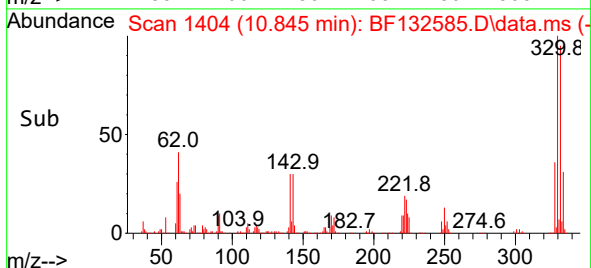
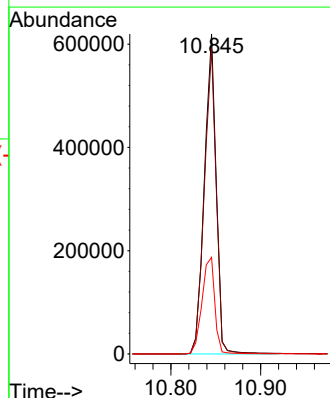
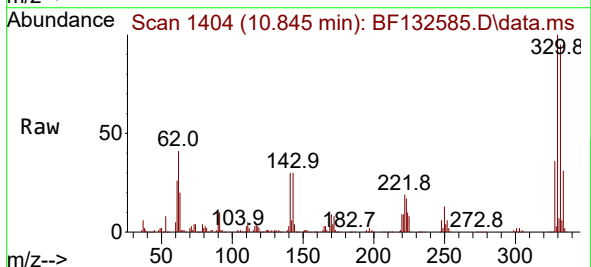
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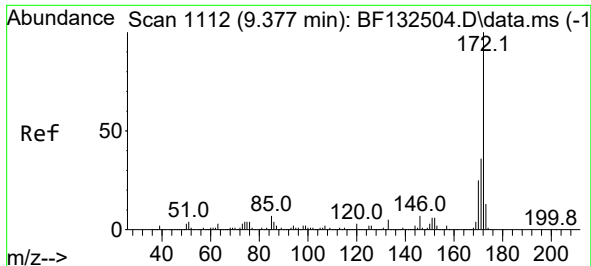
Tgt Ion:164 Resp: 437714
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 45.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 119.970 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Tgt Ion:330 Resp: 567115
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 32.8 28.4 42.6

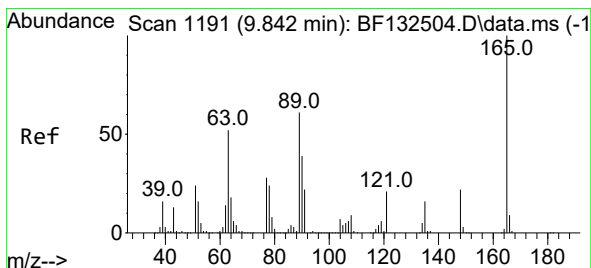
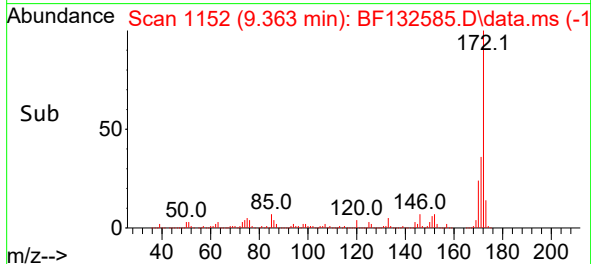
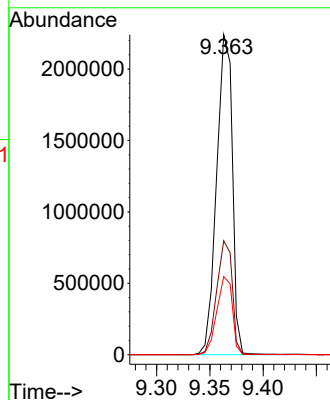
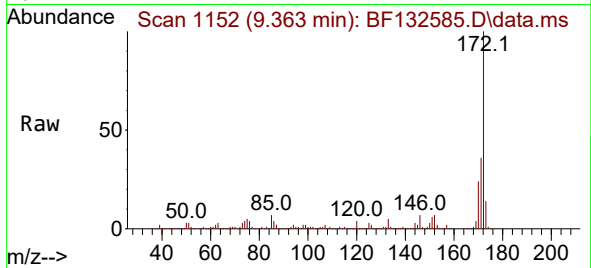




#45
2-Fluorobiphenyl
Concen: 79.859 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

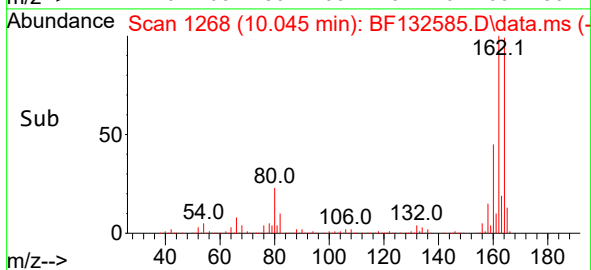
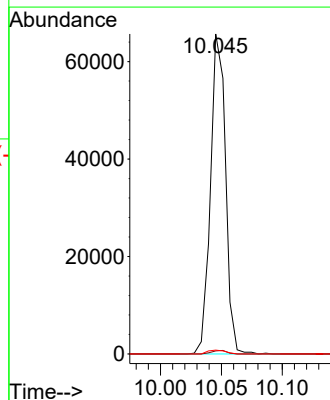
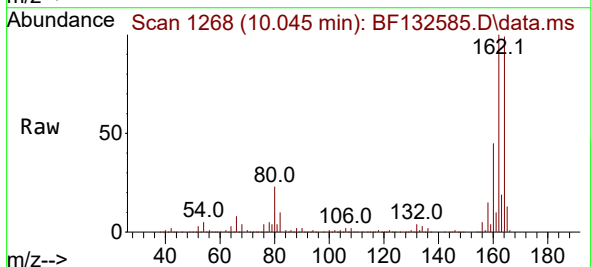
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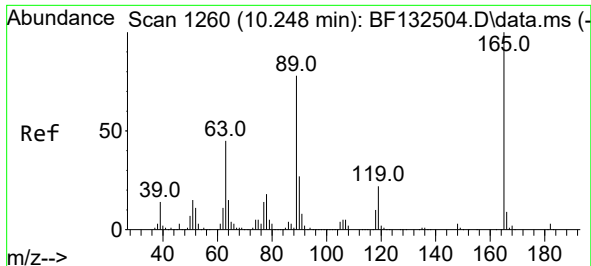
Tgt Ion:172 Resp: 2295668
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.778 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Tgt Ion:165 Resp: 56458
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.2 48.9 73.3#

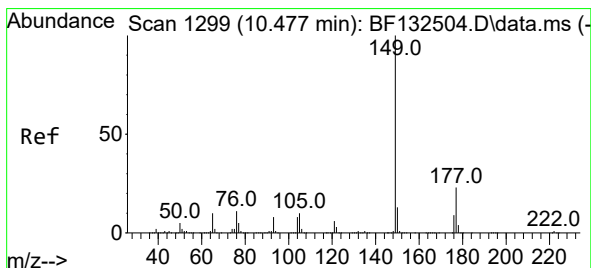
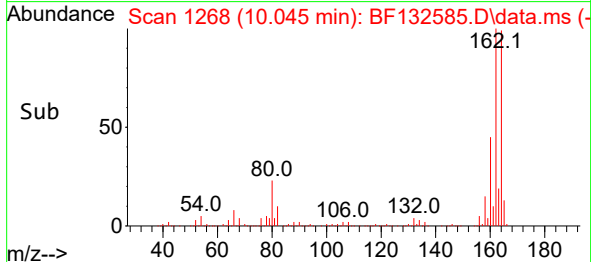
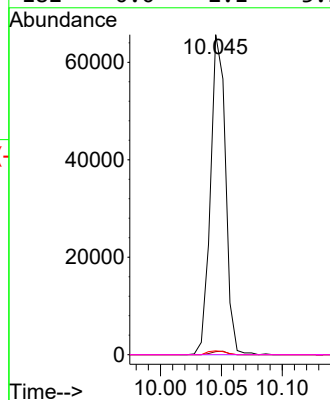
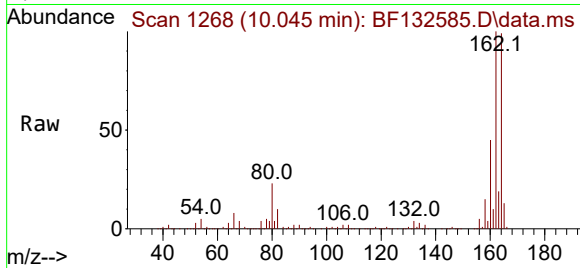




#57
2,4-Dinitrotoluene
Concen: 5.847 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.197 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

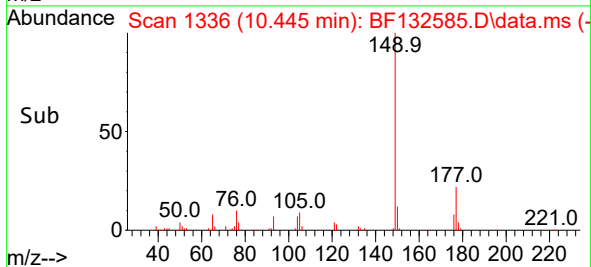
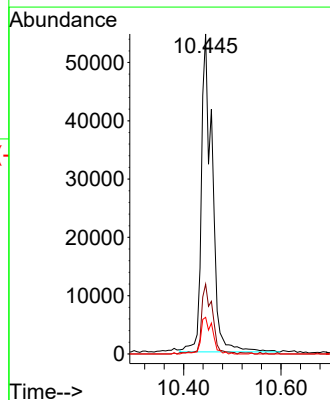
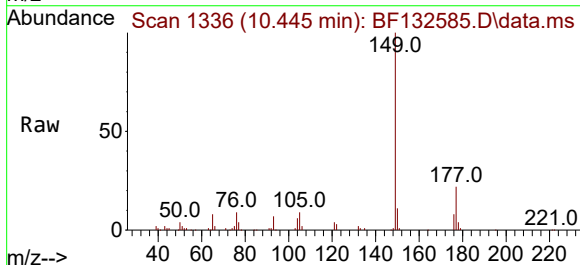
Instrument :
BNA_F
ClientSampleId :
PB151108BL

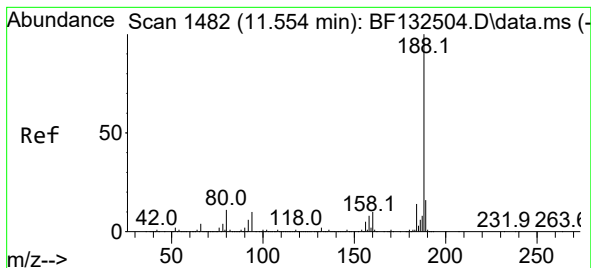
Tgt Ion:165 Resp: 56458
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 2.717 ng
RT: 10.445 min Scan# 1336
Delta R.T. -0.026 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Tgt Ion:149 Resp: 84580
Ion Ratio Lower Upper
149 100
177 21.8 18.1 27.1
150 11.5 10.2 15.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132585.D

Acq: 01 Mar 2023 11:53

Instrument :

BNA_F

ClientSampleId :

PB151108BL

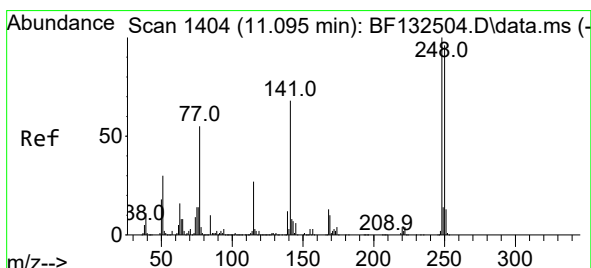
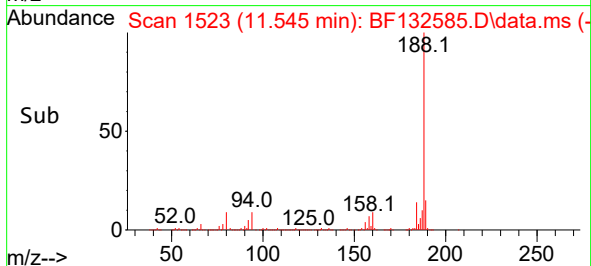
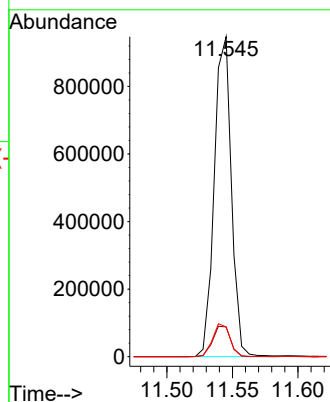
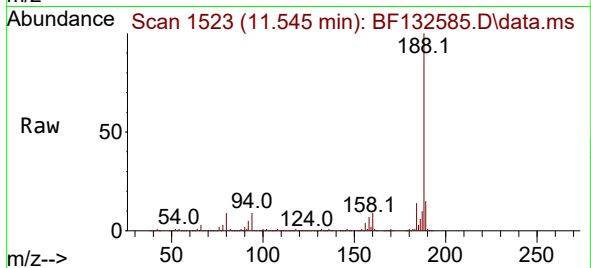
Tgt Ion:188 Resp: 859541

Ion Ratio Lower Upper

188 100

94 9.3 8.3 12.5

80 9.3 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 3.720 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.244 min

Lab File: BF132585.D

Acq: 01 Mar 2023 11:53

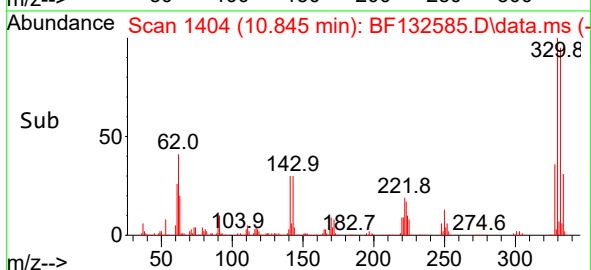
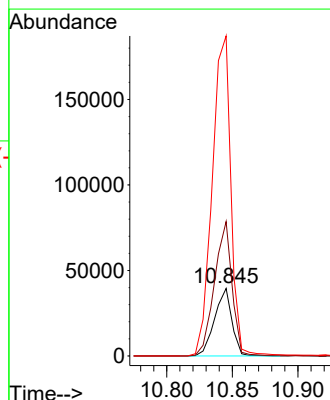
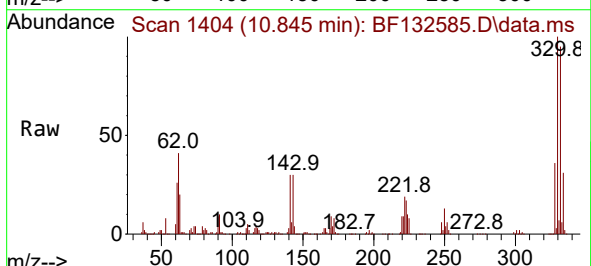
Tgt Ion:248 Resp: 36169

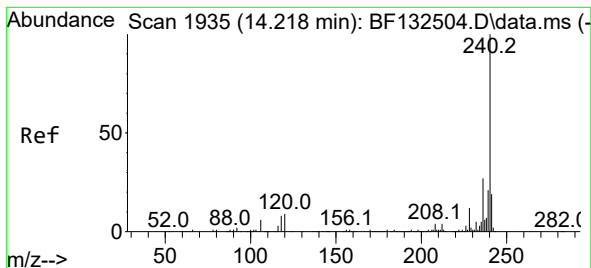
Ion Ratio Lower Upper

248 100

250 198.9 77.0 115.4#

141 473.7 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: BF132585.D

Acq: 01 Mar 2023 11:53

Instrument :

BNA_F

ClientSampleId :

PB151108BL

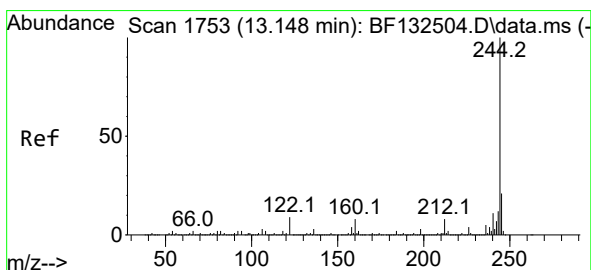
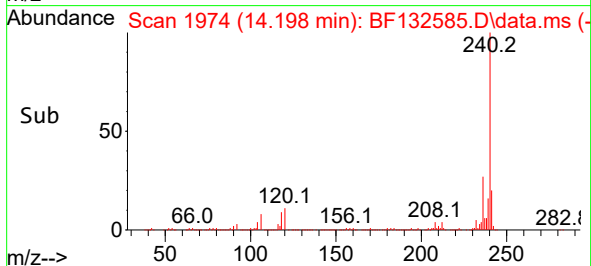
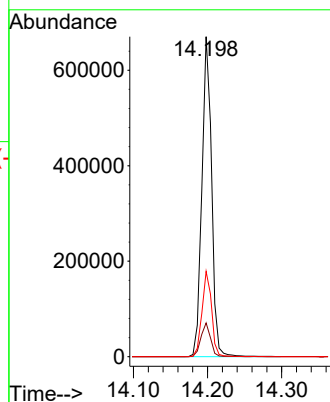
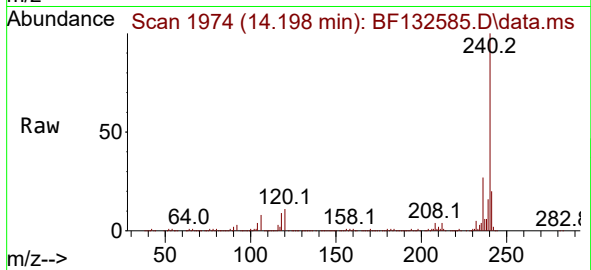
Tgt Ion:240 Resp: 612632

Ion Ratio Lower Upper

240 100

120 10.6 7.2 10.8

236 26.7 21.8 32.6



#79

Terphenyl-d14

Concen: 84.451 ng

RT: 13.139 min Scan# 1794

Delta R.T. -0.003 min

Lab File: BF132585.D

Acq: 01 Mar 2023 11:53

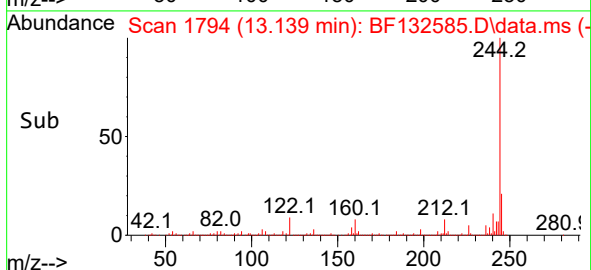
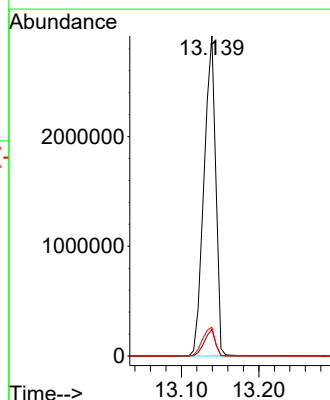
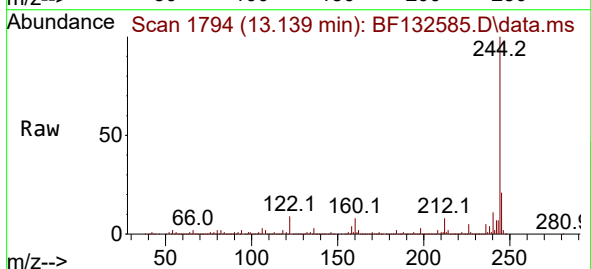
Tgt Ion:244 Resp: 3060035

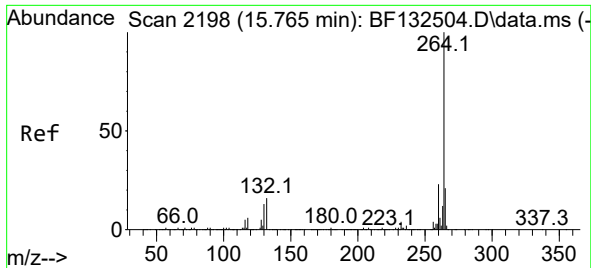
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

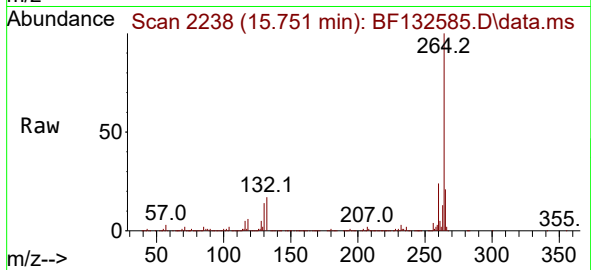
122 9.0 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.751 min Scan# 21
Delta R.T. -0.003 min
Lab File: BF132585.D
Acq: 01 Mar 2023 11:53

Instrument :
BNA_F
ClientSampleId :
PB151108BL



Tgt Ion:264 Resp: 548187
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.4 17.1 25.7

