

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126983.D
 Acq On : 21 Feb 2022 19:51
 Operator : CG\JU
 Sample : N1579-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(6.5-7.0)

Quant Time: Feb 22 03:49:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

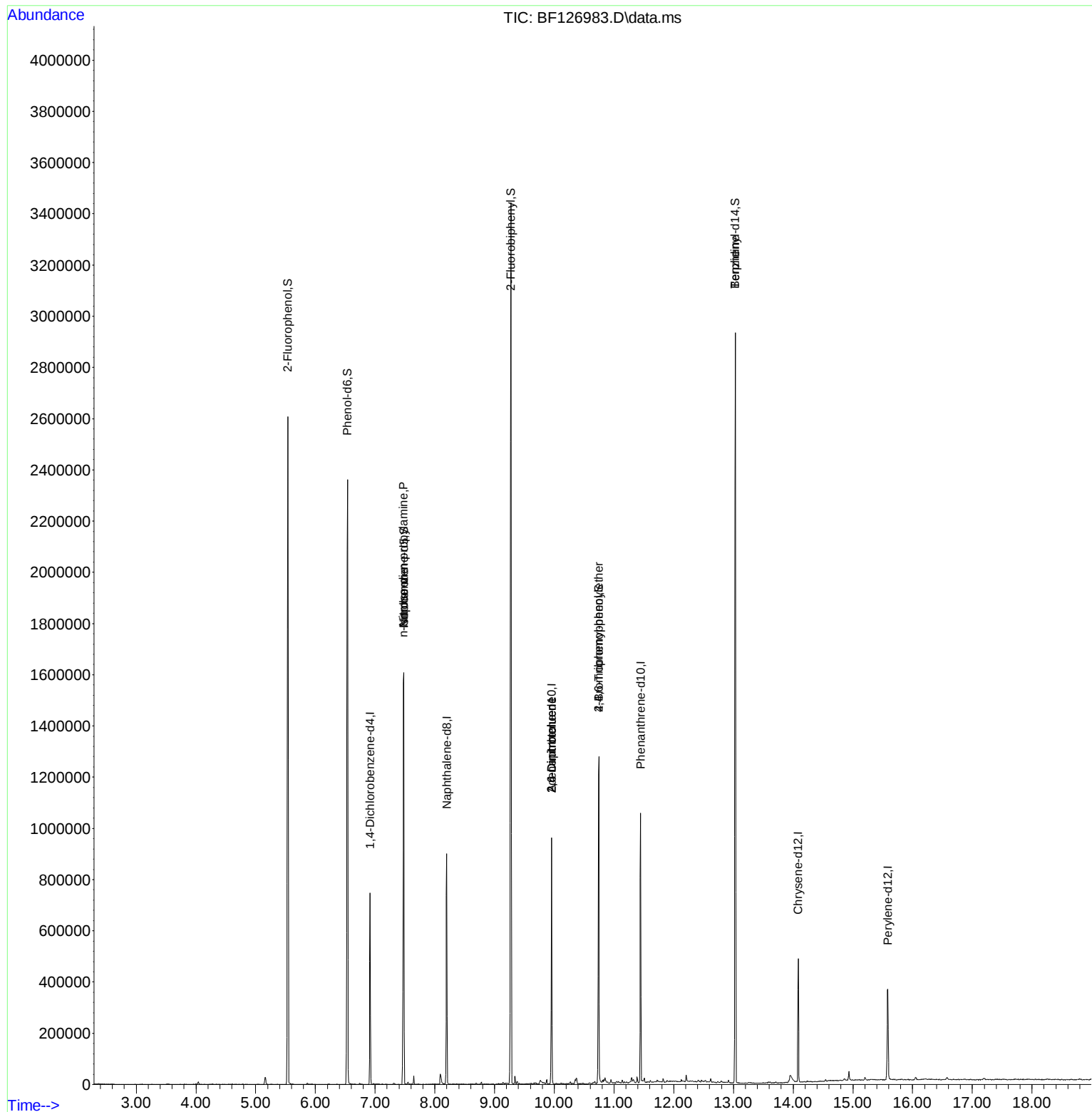
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	88918	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	368242	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	192392	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	331573	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	147141	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	158687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	614502	106.813	ng	0.00
7) Phenol-d6	6.540	99	813447	104.786	ng	0.00
23) Nitrobenzene-d5	7.481	82	572991	70.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	143111	64.606	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	943028	72.159	ng	0.00
79) Terphenyl-d14	13.033	244	922174	92.132	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	78699	15.733	ng	# 80
25) Isophorone	7.481	82	571440	42.330	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24459	8.742	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	24459	6.466	ng	# 16
67) 4-Bromophenyl-phenylether	10.745	248	8545	2.307	ng	# 1
77) Benzidine	13.033	184	13865	3.467	ng	99

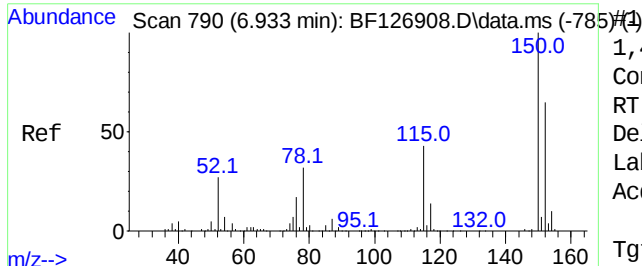
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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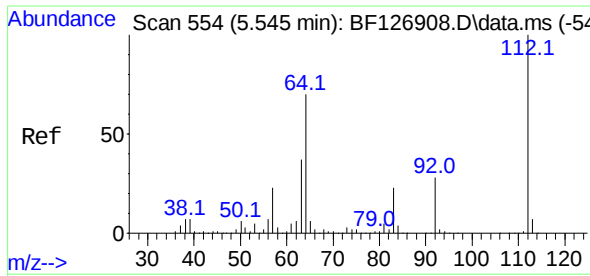
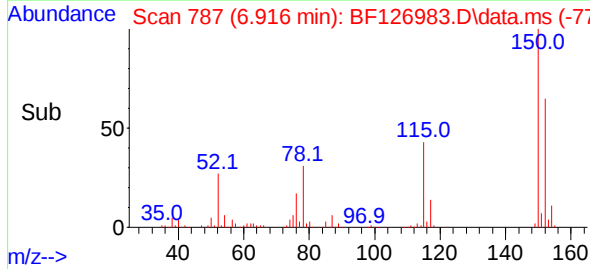
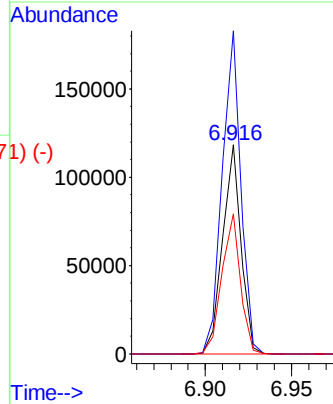
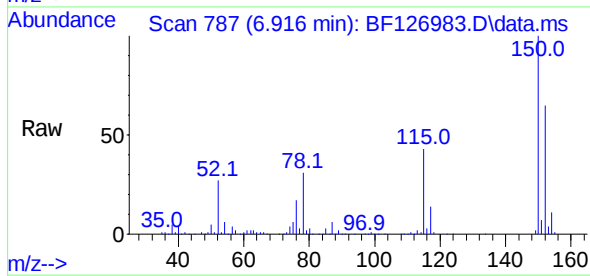




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126983.D
 Acq: 21 Feb 2022 19:51

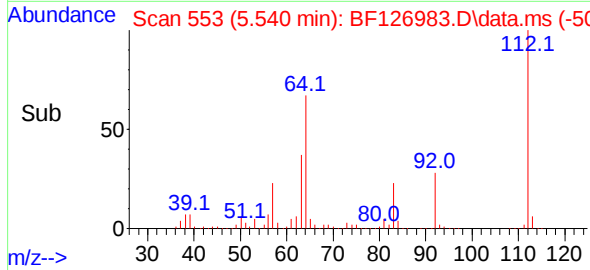
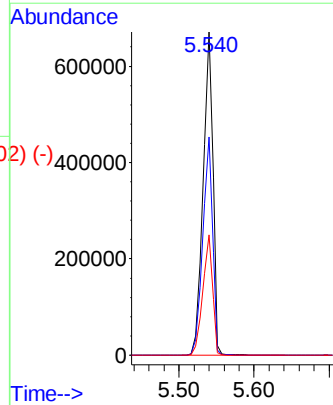
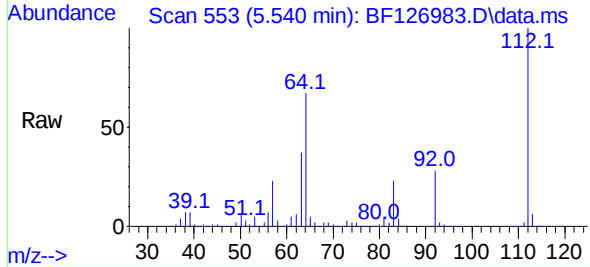
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(6.5-7.0)

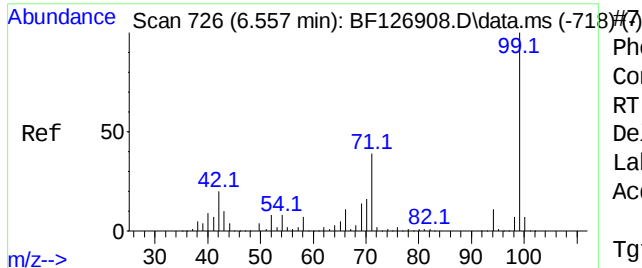
Tgt Ion:	152	Resp:	88918
Ion	Ratio	Lower	Upper
152	100		
150	154.6	128.1	192.1
115	66.9	56.7	85.1



2-Fluorophenol
 Concen: 106.813 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF126983.D
 Acq: 21 Feb 2022 19:51

Tgt Ion:	112	Resp:	614502
Ion	Ratio	Lower	Upper
112	100		
64	67.4	49.5	74.3
63	37.2	23.9	35.9#

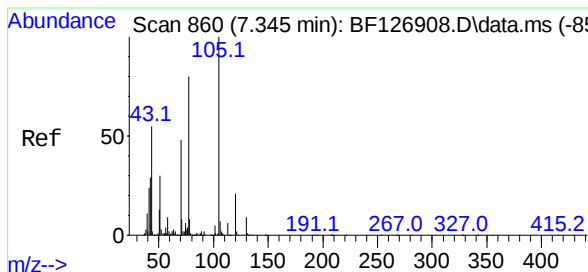
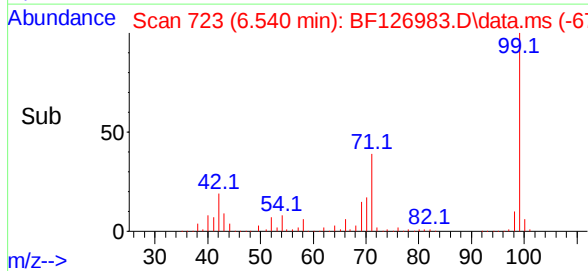
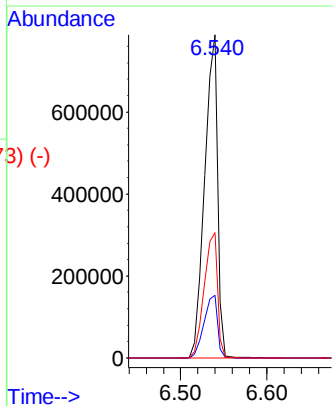
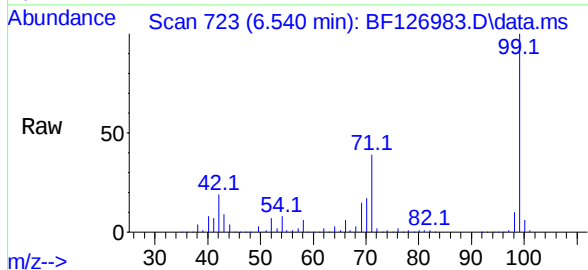




Phenol-d6
 Concen: 104.786 ng
 RT: 6.540 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126983.D
 Acq: 21 Feb 2022 19:51

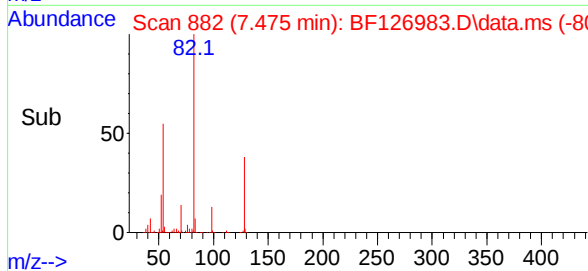
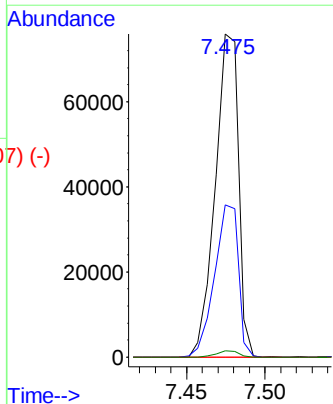
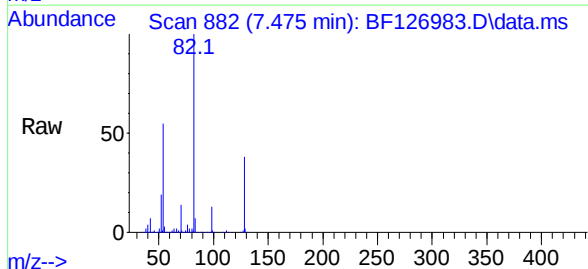
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(6.5-7.0)

Tgt Ion: 99 Resp: 813447
 Ion Ratio Lower Upper
 99 100
 42 19.4 14.2 21.4
 71 38.7 24.3 36.5#



n-Nitroso-di-n-propylamine
 Concen: 15.733 ng
 RT: 7.475 min Scan# 882
 Delta R.T. 0.141 min
 Lab File: BF126983.D
 Acq: 21 Feb 2022 19:51

Tgt Ion: 70 Resp: 78699
 Ion Ratio Lower Upper
 70 100
 42 47.0 45.8 68.8
 101 0.0 6.9 10.3#
 130 1.9 14.4 21.6#



Abundance Scan 1008 (8.216 min): BF126908.D\data.ms (-10621)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF126983.D

Acq: 21 Feb 2022 19:51

Instrument :

BNA_F

ClientSampleId :

SB-6-(6.5-7.0)

Tgt Ion:136 Resp: 368242

Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 7.8 7.8 11.6

68 4.6 6.3 9.5#

Abundance Scan 1005 (8.198 min): BF126983.D\data.ms

m/z-->

Abundance Scan 1005 (8.198 min): BF126983.D\data.ms (-955) (-)

m/z-->

Abundance Scan 1005 (8.198 min): BF126983.D\data.ms (-955) (-)

m/z-->

Abundance

8.198

400000

300000

200000

100000

0

8.15 8.20 8.25

Time-->

Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880) #23

Nitrobenzene-d5

Concen: 70.234 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF126983.D

Acq: 21 Feb 2022 19:51

Tgt Ion: 82 Resp: 572991

Ion Ratio Lower Upper

82 100

128 41.5 32.7 49.1

54 51.3 41.7 62.5

Abundance Scan 883 (7.481 min): BF126983.D\data.ms

m/z-->

Abundance Scan 883 (7.481 min): BF126983.D\data.ms (-834) (-)

m/z-->

Abundance Scan 883 (7.481 min): BF126983.D\data.ms (-834) (-)

m/z-->

Abundance

7.481

500000

400000

300000

200000

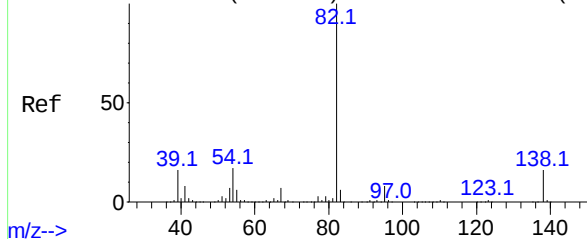
100000

0

7.45 7.50

Time-->

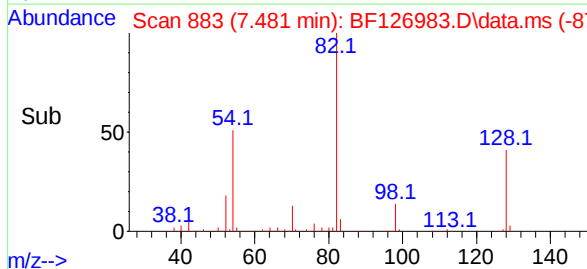
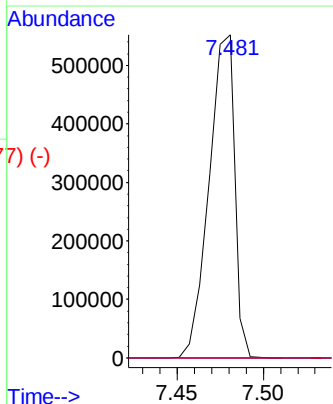
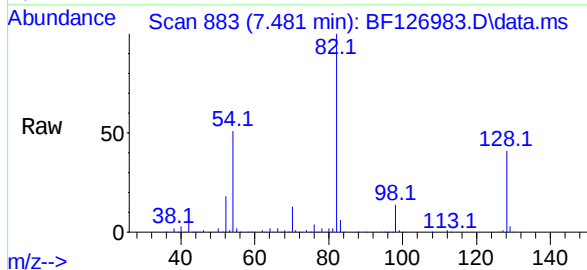
Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



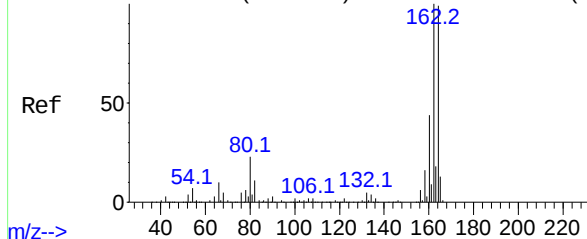
Isophorone
Concen: 42.330 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126983.D
Acq: 21 Feb 2022 19:51

Instrument :
BNA_F
ClientSampleId :
SB-6-(6.5-7.0)

Tgt Ion: 82 Resp: 571440
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

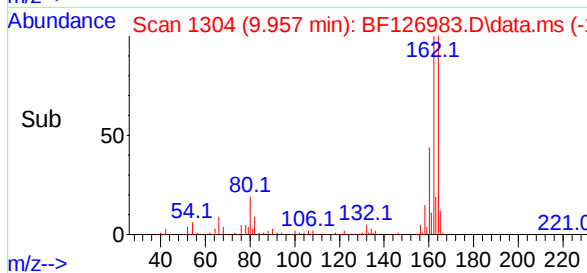
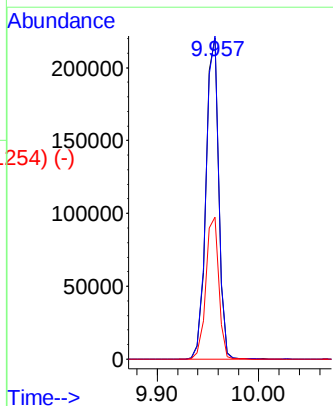
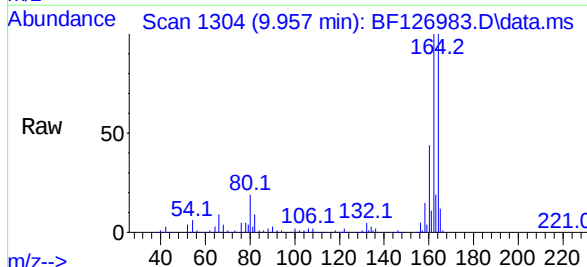


Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1304) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126983.D
Acq: 21 Feb 2022 19:51

Tgt Ion:164 Resp: 192392
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.2 36.6 54.8



Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1438) (-)

2,4,6-Tribromophenol

Concen: 64.606 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF126983.D

Acq: 21 Feb 2022 19:51

Instrument :

BNA_F

ClientSampleId :

SB-6-(6.5-7.0)

Tgt Ion:330 Resp: 143111

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 38.5 30.1 45.1

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->

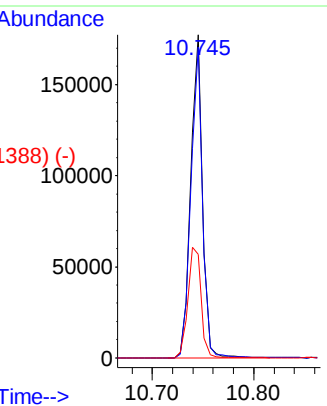
Abundance Scan 1438 (10.745 min): BF126983.D\data.ms (-1388) (-)

Ref

Raw

Sub

m/z-->



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-1185) (-)

2-Fluorobiphenyl

Concen: 72.159 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126983.D

Acq: 21 Feb 2022 19:51

Tgt Ion:172 Resp: 943028

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.0 28.6

Abundance Scan 1188 (9.275 min): BF126983.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 1188 (9.275 min): BF126983.D\data.ms (-1138) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1188 (9.275 min): BF126983.D\data.ms (-1138) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1188 (9.275 min): BF126983.D\data.ms (-1138) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1188 (9.275 min): BF126983.D\data.ms (-1138) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1188 (9.275 min): BF126983.D\data.ms (-1138) (-)

Ref

Raw

Sub

m/z-->

Abundance Scan 1188 (9.275 min): BF126983.D\data.ms (-1138) (-)

Ref

Raw

Sub

m/z-->

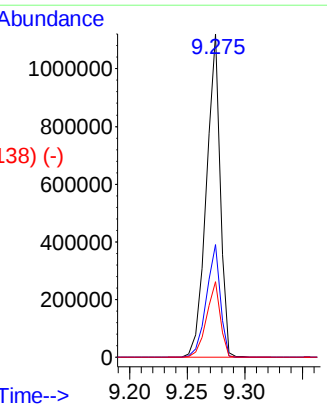
Abundance Scan 1188 (9.275 min): BF126983.D\data.ms (-1138) (-)

Ref

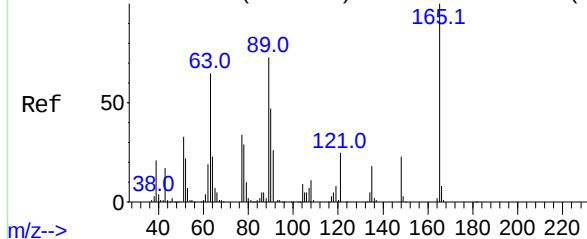
Raw

Sub

m/z-->



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-12651)

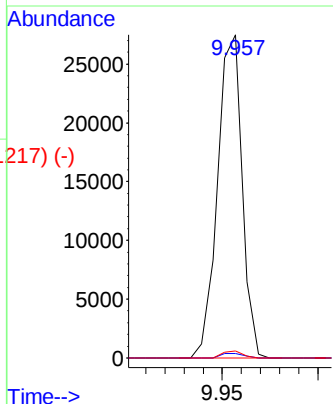
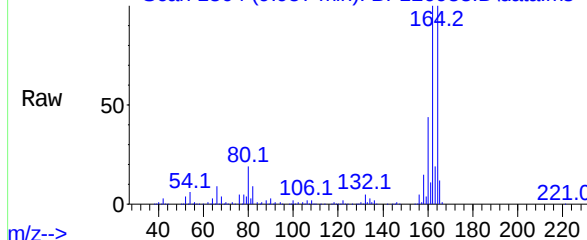


2,6-Dinitrotoluene
Concen: 8.742 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.212 min
Lab File: BF126983.D
Acq: 21 Feb 2022 19:51

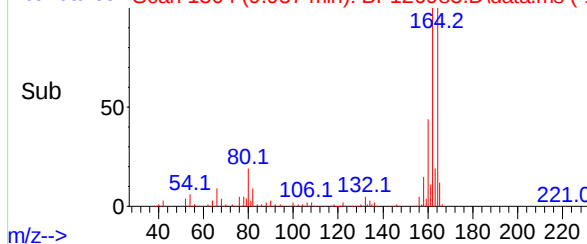
Instrument :
BNA_F
ClientSampleId :
SB-6-(6.5-7.0)

Tgt Ion:	165	Resp:	24459
Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.4	72.6#
89	2.2	50.5	75.7#

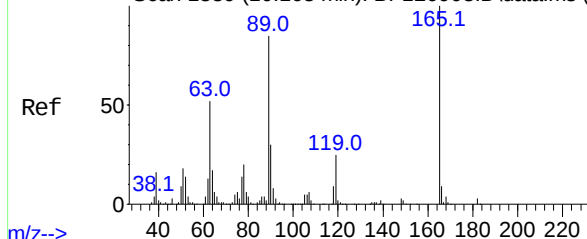
Abundance Scan 1304 (9.957 min): BF126983.D\data.ms



Abundance Scan 1304 (9.957 min): BF126983.D\data.ms (-1217) (-)



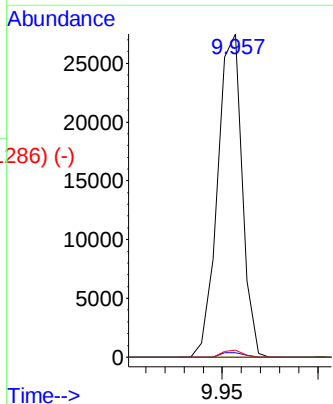
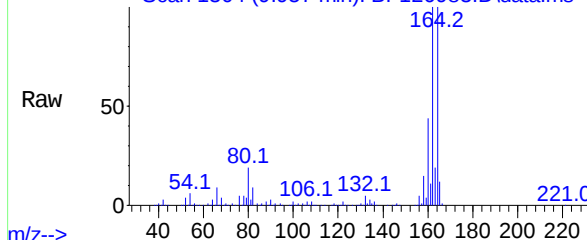
Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



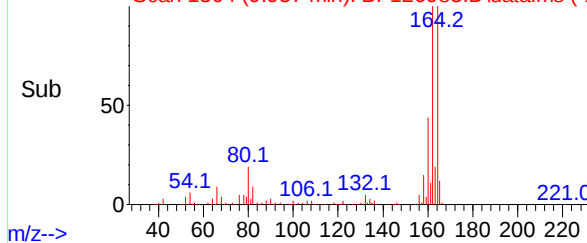
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF126983.D
Acq: 21 Feb 2022 19:51

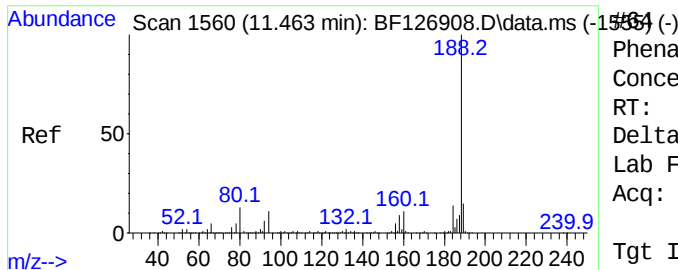
Tgt Ion:	165	Resp:	24459
Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.0	64.6#
89	2.2	71.0	106.4#
182	0.0	1.6	2.4#

Abundance Scan 1304 (9.957 min): BF126983.D\data.ms



Abundance Scan 1304 (9.957 min): BF126983.D\data.ms (-1286) (-)

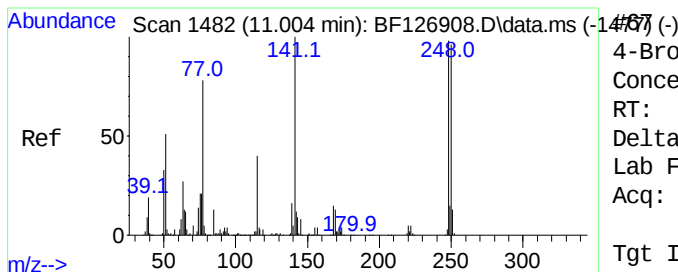
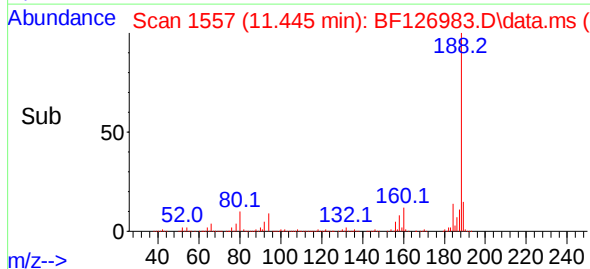
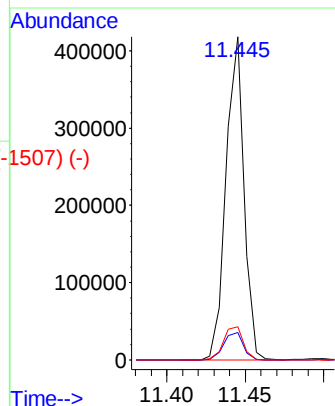
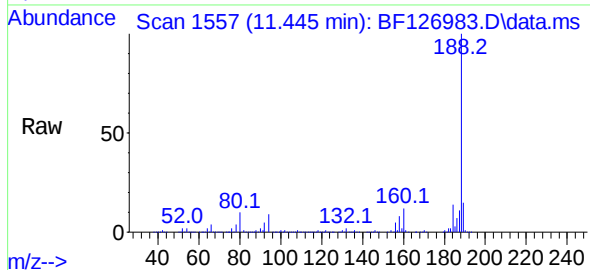




Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF126983.D
Acq: 21 Feb 2022 19:51

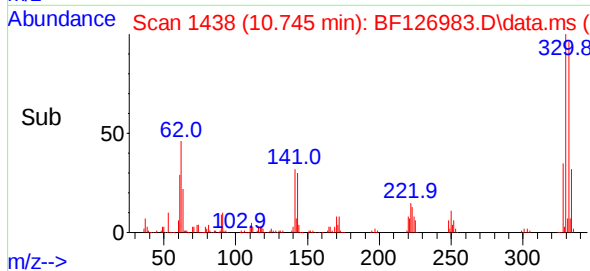
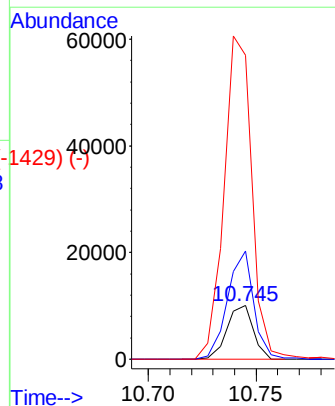
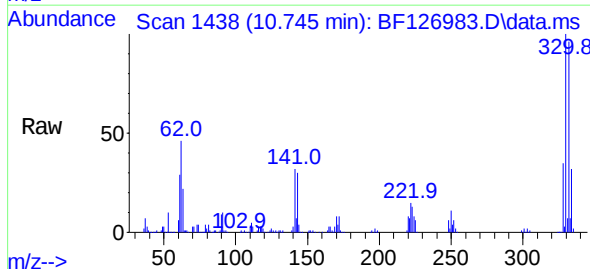
Instrument :
BNA_F
ClientSampleId :
SB-6-(6.5-7.0)

Tgt Ion:	188	Resp:	331573
Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.1	15.1#
80	10.2	11.8	17.6#



4-Bromophenyl-phenylether
Concen: 2.307 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF126983.D
Acq: 21 Feb 2022 19:51

Tgt Ion:	248	Resp:	8545
Ion	Ratio	Lower	Upper
248	100		
250	201.8	76.2	114.4#
141	566.2	66.2	99.4#



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-1734) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126983.D

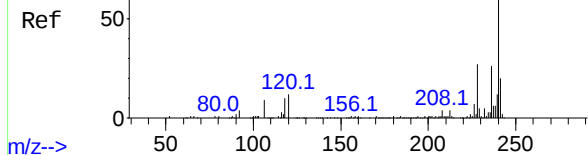
Acq: 21 Feb 2022 19:51

Instrument :

BNA_F

ClientSampleId :

SB-6-(6.5-7.0)



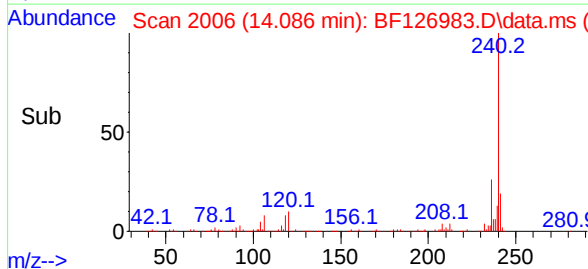
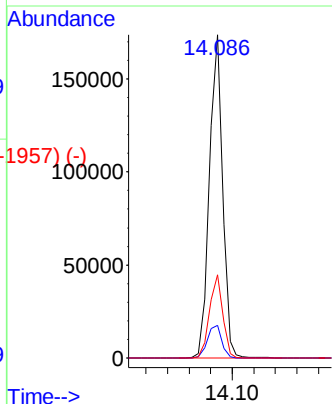
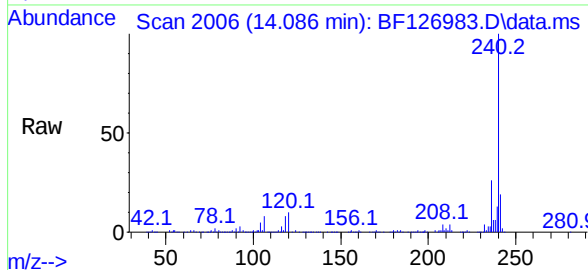
Tgt Ion:240 Resp: 147141

Ion Ratio Lower Upper

240 100

120 10.2 14.4 21.6#

236 25.7 20.5 30.7



Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1734) (-)

Benzidine

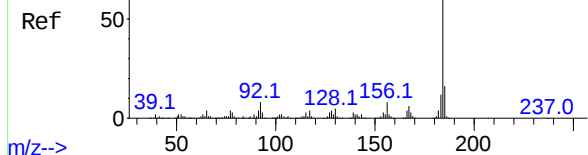
Concen: 3.467 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.247 min

Lab File: BF126983.D

Acq: 21 Feb 2022 19:51



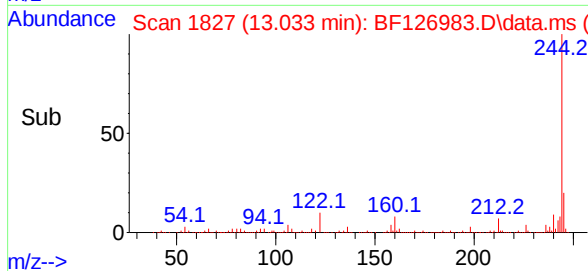
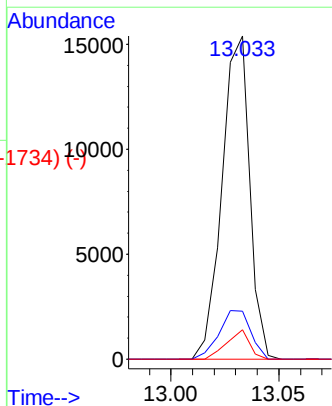
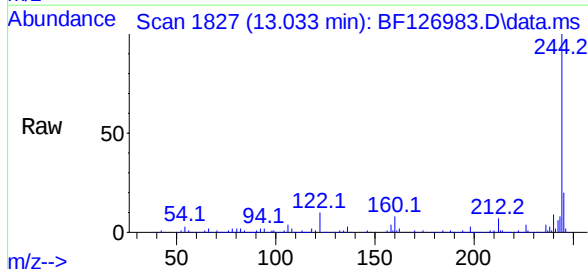
Tgt Ion:184 Resp: 13865

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

183 9.1 8.2 12.2



Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 92.132 ng

RT: 13.033 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF126983.D

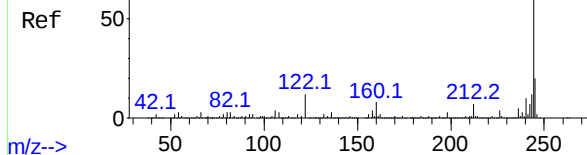
Acq: 21 Feb 2022 19:51

Instrument :

BNA_F

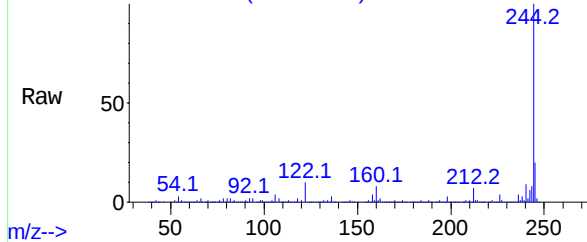
ClientSampleId :

SB-6-(6.5-7.0)



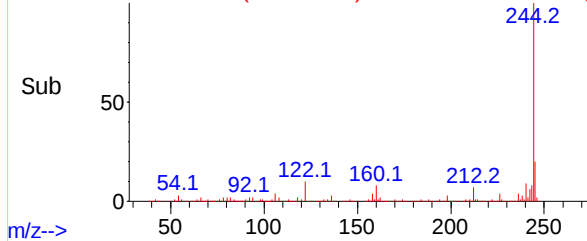
m/z-->

Abundance Scan 1827 (13.033 min): BF126983.D\data.ms



m/z-->

Abundance Scan 1827 (13.033 min): BF126983.D\data.ms (-1777) (-)



m/z-->

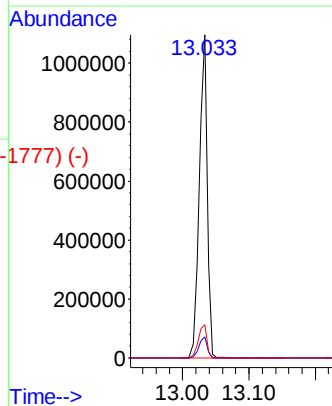
Tgt Ion:244 Resp: 922174

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 10.2 13.3 19.9#



Abundance Scan 2265 (15.609 min): BF126908.D\data.ms (-2286) (-)

Perylene-d12

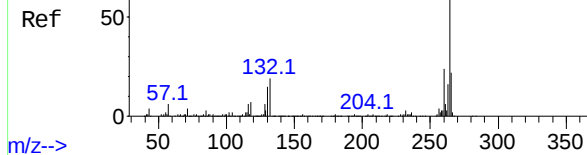
Concen: 20.000 ng

RT: 15.586 min Scan# 2261

Delta R.T. -0.006 min

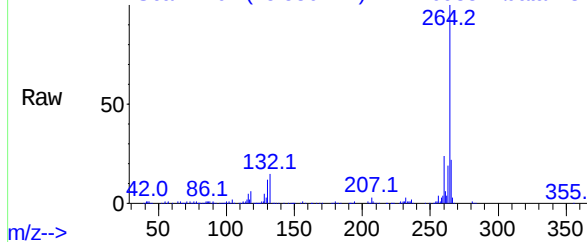
Lab File: BF126983.D

Acq: 21 Feb 2022 19:51



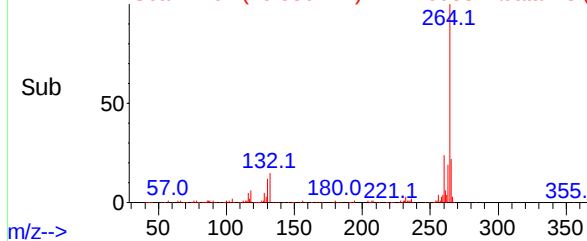
m/z-->

Abundance Scan 2261 (15.586 min): BF126983.D\data.ms



m/z-->

Abundance Scan 2261 (15.586 min): BF126983.D\data.ms (-2211) (-)



m/z-->

Tgt Ion:264 Resp: 158687

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.6 17.4 26.2

