

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126979.D
 Acq On : 21 Feb 2022 17:58
 Operator : CG\JU
 Sample : N1579-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 03:46:22 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)

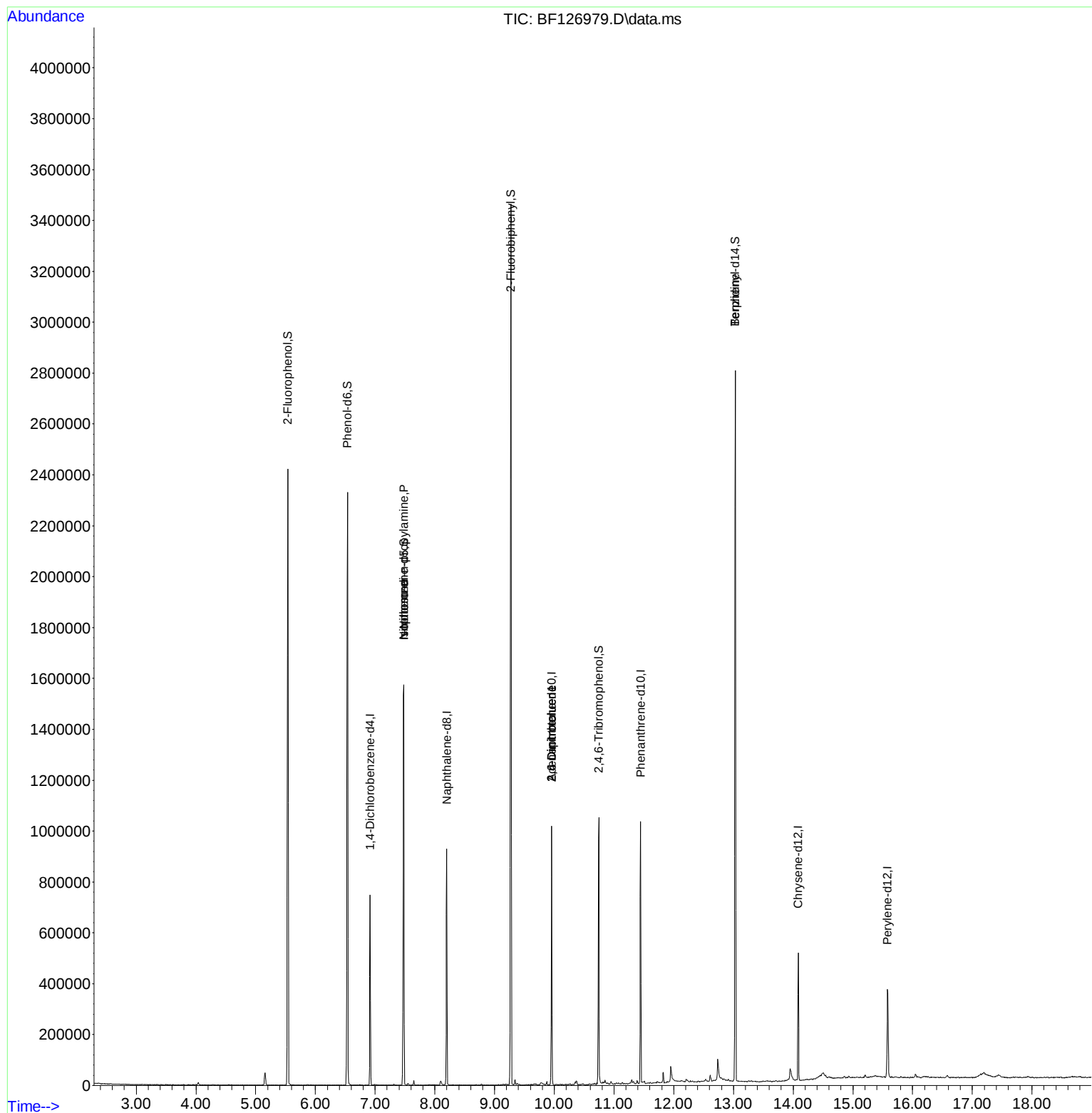
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	89157	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	359539	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	188401	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	328167	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	142058	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	153890	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	561775	97.386	ng	0.00
7) Phenol-d6	6.539	99	756556	97.196	ng	0.00
23) Nitrobenzene-d5	7.481	82	551397	69.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	116871	53.878	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	903675	70.613	ng	0.00
79) Terphenyl-d14	13.033	244	871427	90.177	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	76413	15.235	ng	# 78
25) Isophorone	7.481	82	550162	41.740	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24298	8.868	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	24298	6.559	ng	# 16
77) Benzidine	13.033	184	13731	3.557	ng	# 91

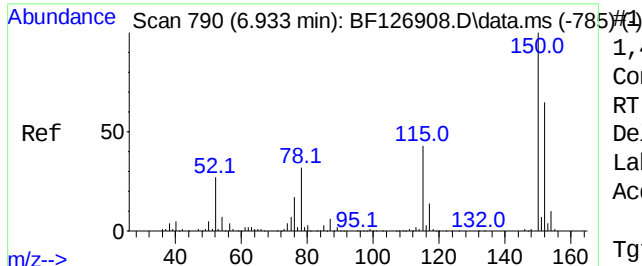
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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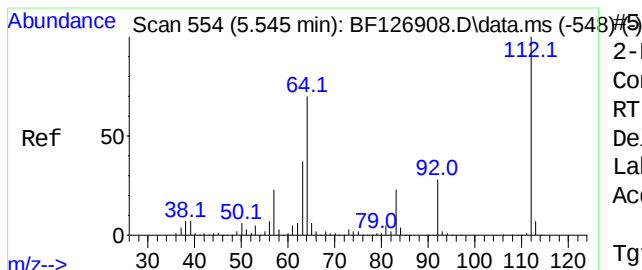
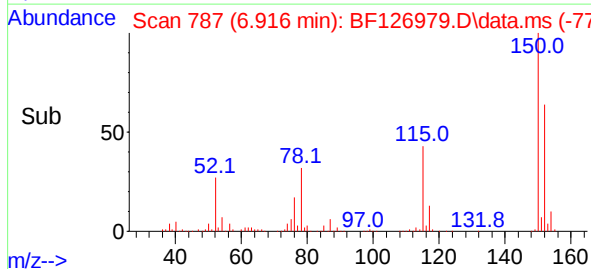
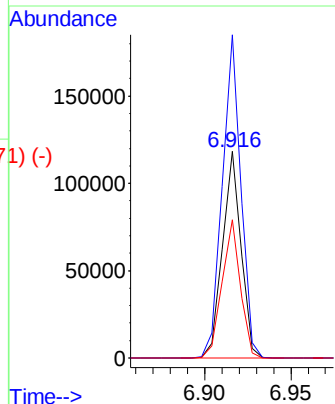
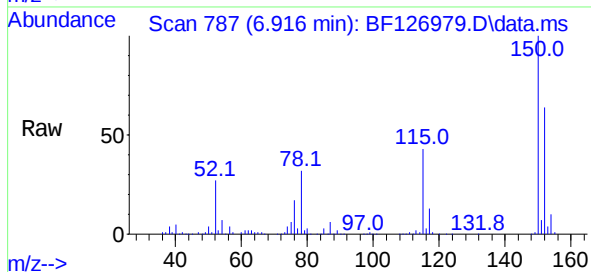




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126979.D
 Acq: 21 Feb 2022 17:58

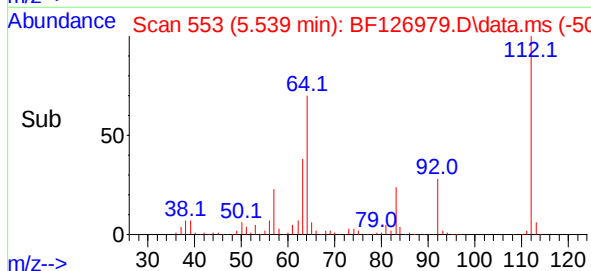
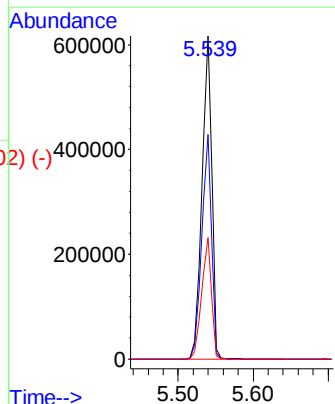
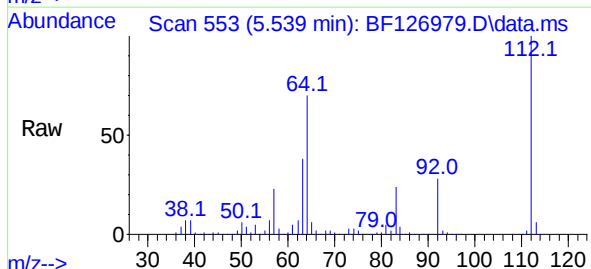
Instrument :
 BNA_F
 ClientSampleId :

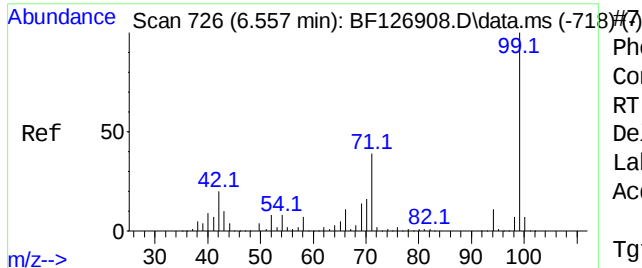
Tgt Ion:152 Resp: 89157
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.1 192.1
 115 67.0 56.7 85.1



2-Fluorophenol
 Concen: 97.386 ng
 RT: 5.539 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF126979.D
 Acq: 21 Feb 2022 17:58

Tgt Ion:112 Resp: 561775
 Ion Ratio Lower Upper
 112 100
 64 69.6 49.5 74.3
 63 37.6 23.9 35.9#





Phenol-d6

Concen: 97.196 ng

RT: 6.539 min Scan#

Delta R.T. -0.006 min

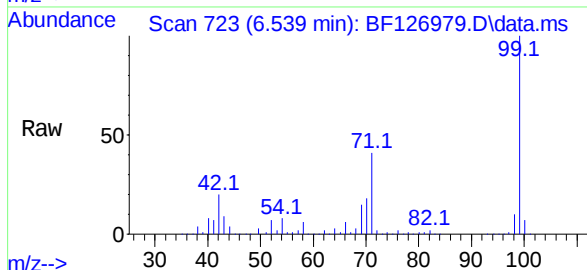
Lab File: BF126979.D

Acq: 21 Feb 2022 17:58

Instrument :

BNA_F

ClientSampleId :



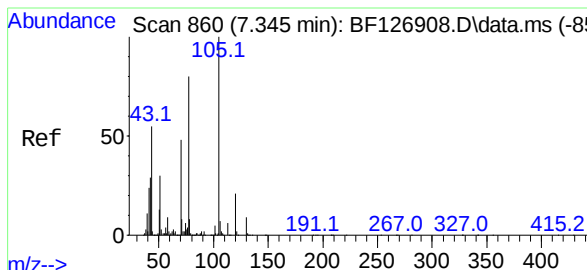
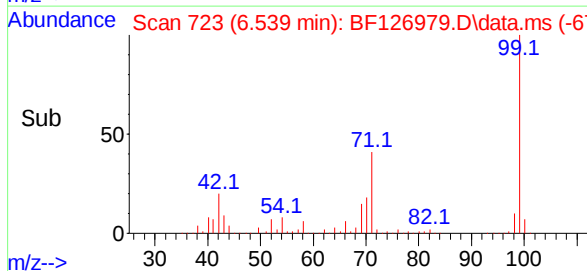
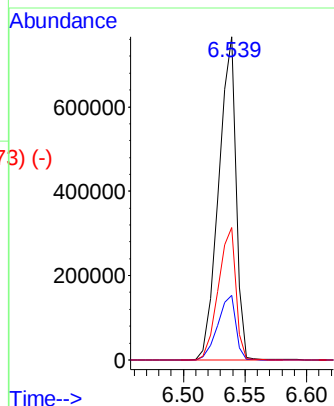
Tgt Ion: 99 Resp: 756556

Ion Ratio Lower Upper

99 100

42 20.1 14.2 21.4

71 41.0 24.3 36.5#



n-Nitroso-di-n-propylamine

Concen: 15.235 ng

RT: 7.481 min Scan# 883

Delta R.T. 0.147 min

Lab File: BF126979.D

Acq: 21 Feb 2022 17:58

Tgt Ion: 70 Resp: 76413

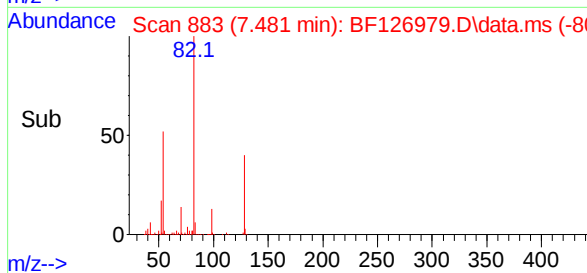
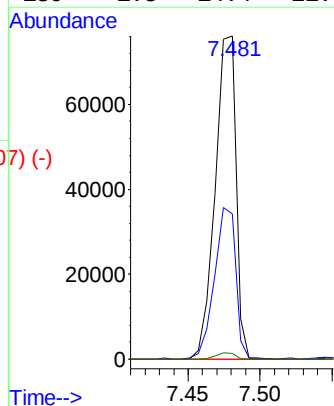
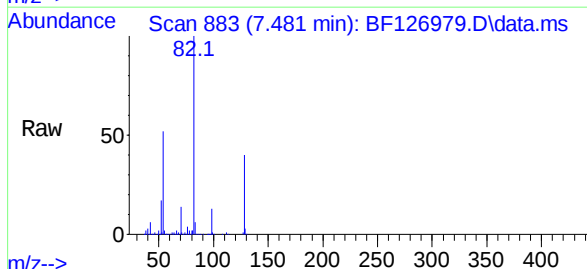
Ion Ratio Lower Upper

70 100

42 45.0 45.8 68.8#

101 0.0 6.9 10.3#

130 1.8 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

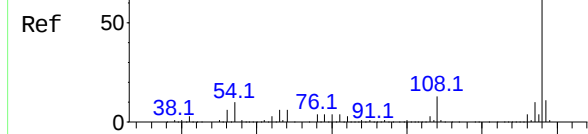
Lab File: BF126979.D

Acq: 21 Feb 2022 17:58

Instrument :

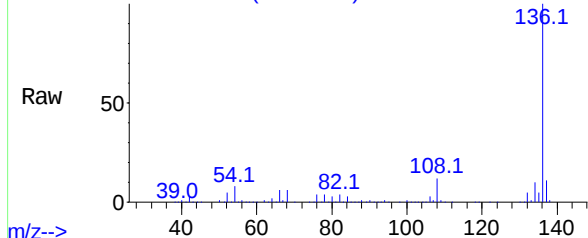
BNA_F

ClientSampleId :



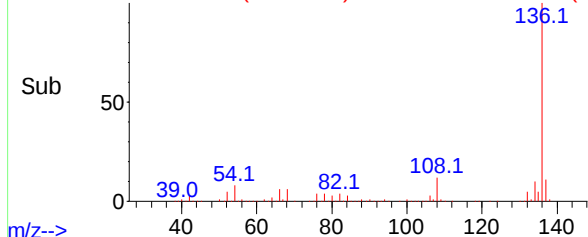
m/z-->

Abundance Scan 1005 (8.198 min): BF126979.D\data.ms



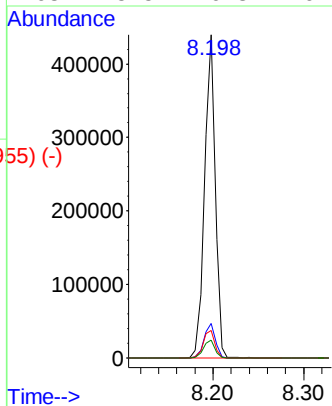
m/z-->

Abundance Scan 1005 (8.198 min): BF126979.D\data.ms (-955) (-)



m/z-->

Tgt Ion:	136	Resp:	359539
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.5	7.8	11.6
68	5.5	6.3	9.5#



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

Nitrobenzene-d5

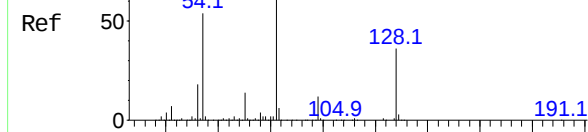
Concen: 69.224 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

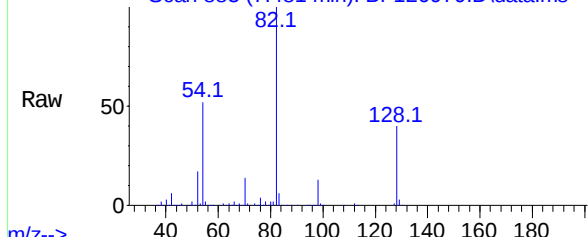
Lab File: BF126979.D

Acq: 21 Feb 2022 17:58



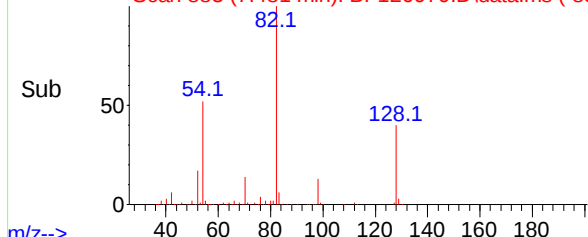
m/z-->

Abundance Scan 883 (7.481 min): BF126979.D\data.ms



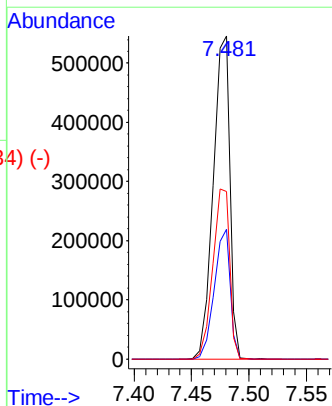
m/z-->

Abundance Scan 883 (7.481 min): BF126979.D\data.ms (-834) (-)

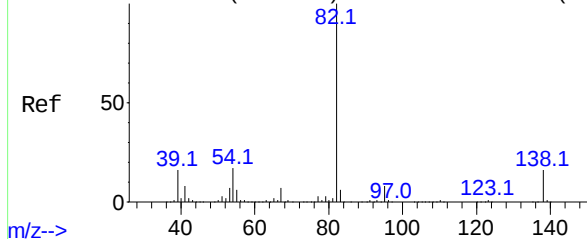


m/z-->

Tgt Ion:	82	Resp:	551397
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.7	49.1
54	51.8	41.7	62.5



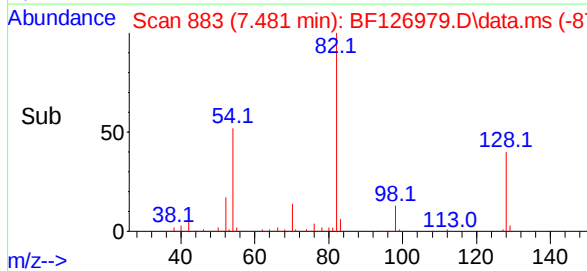
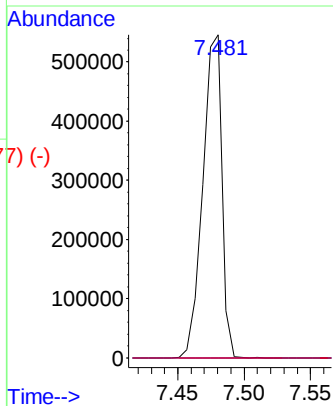
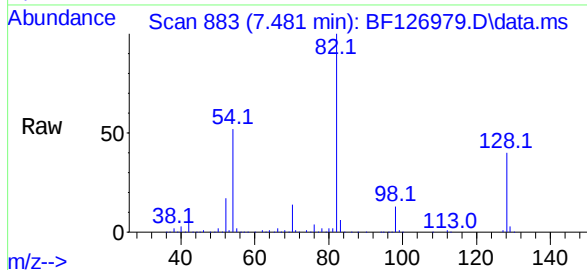
Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



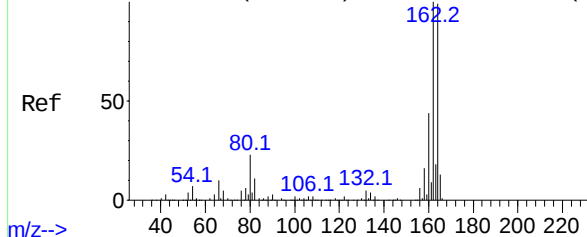
Isophorone
Concen: 41.740 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 550162
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

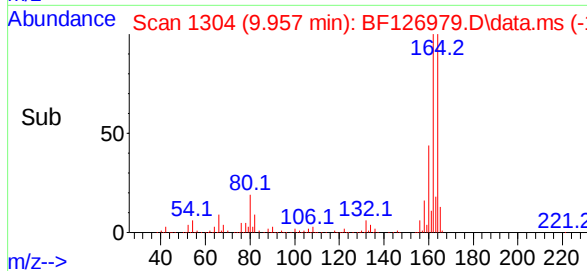
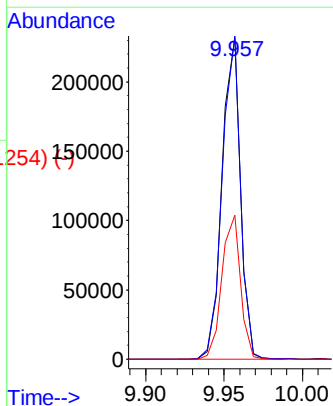
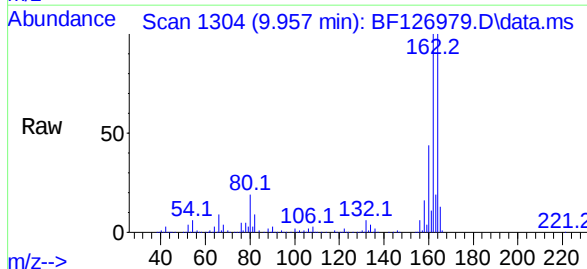


Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1304) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

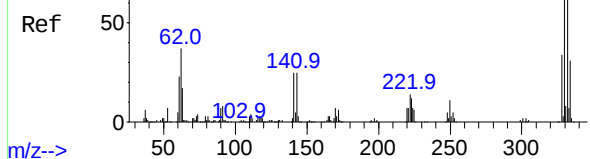
Tgt Ion:164 Resp: 188401
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.7 36.6 54.8



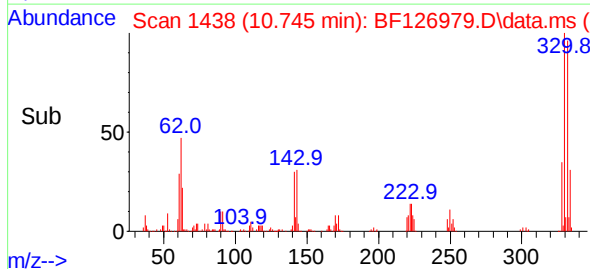
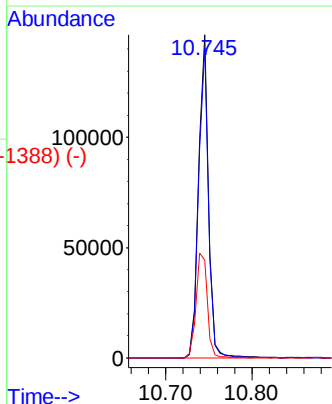
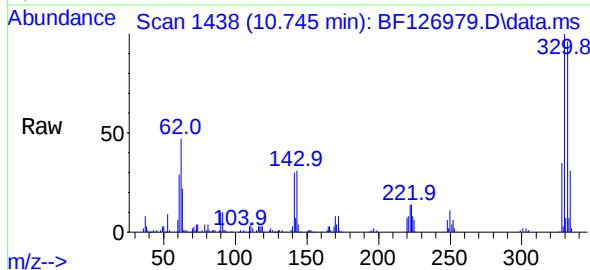
Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1438) (-)

2,4,6-Tribromophenol
Concen: 53.878 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

Instrument :
BNA_F
ClientSampleId :

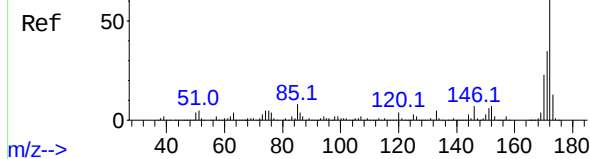


Tgt Ion:	330	Resp:	116871
Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.0	114.0
141	36.8	30.1	45.1

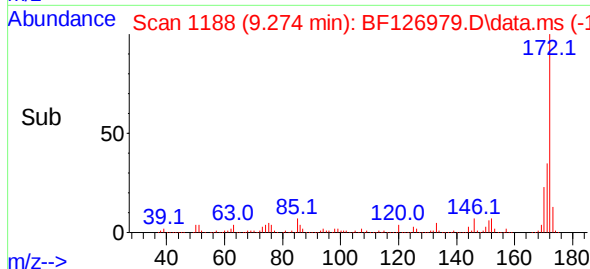
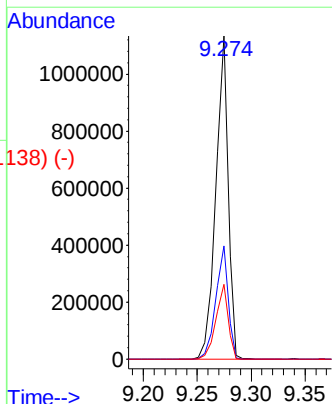
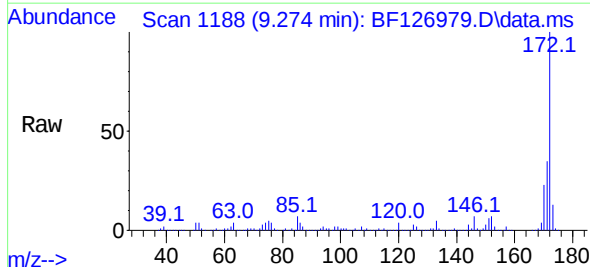


Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-1185) (-)

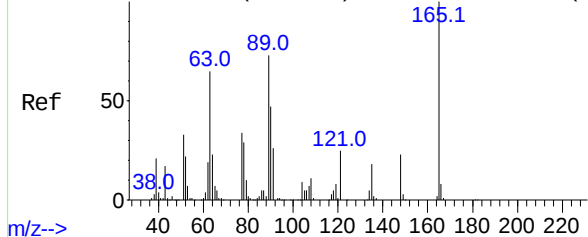
2-Fluorobiphenyl
Concen: 70.613 ng
RT: 9.274 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58



Tgt Ion:	172	Resp:	903675
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.1	19.0	28.6



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-1264)



2,6-Dinitrotoluene

Concen: 8.868 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.212 min

Lab File: BF126979.D

Acq: 21 Feb 2022 17:58

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 24298

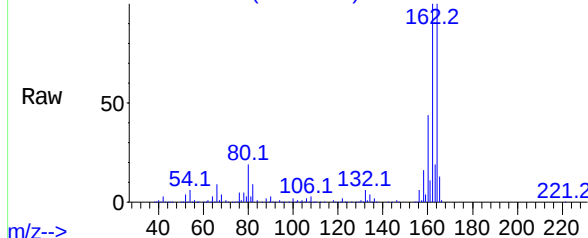
Ion Ratio Lower Upper

165 100

63 1.9 48.4 72.6#

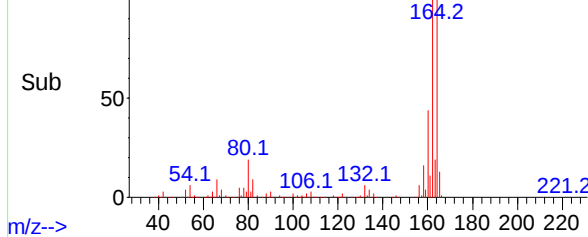
89 1.6 50.5 75.7#

Abundance Scan 1304 (9.957 min): BF126979.D\data.ms

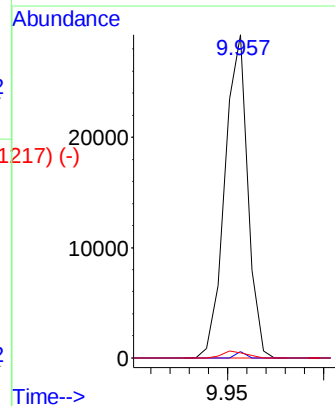


m/z-->

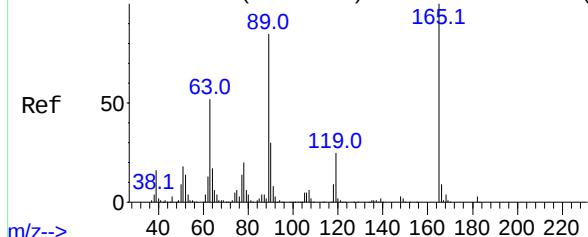
Abundance Scan 1304 (9.957 min): BF126979.D\data.ms (-1217) (-)



m/z-->



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



2,4-Dinitrotoluene

Concen: 6.559 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126979.D

Acq: 21 Feb 2022 17:58

Tgt Ion:165 Resp: 24298

Ion Ratio Lower Upper

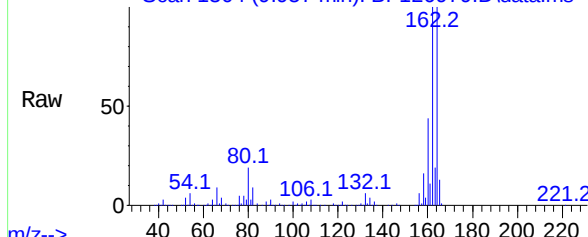
165 100

63 1.9 43.0 64.6#

89 1.6 71.0 106.4#

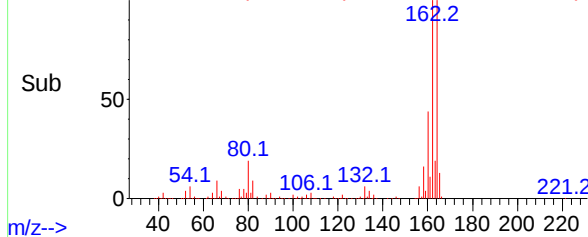
182 0.0 1.6 2.4#

Abundance Scan 1304 (9.957 min): BF126979.D\data.ms

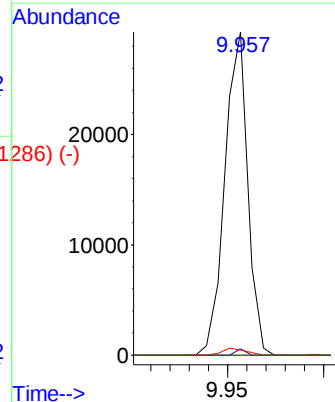


m/z-->

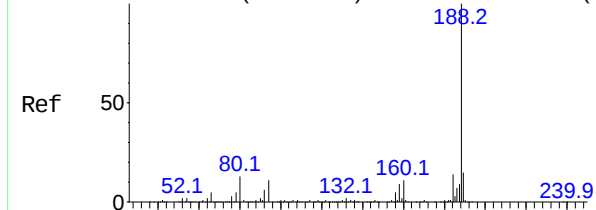
Abundance Scan 1304 (9.957 min): BF126979.D\data.ms (-1286) (-)



m/z-->



Abundance Scan 1560 (11.463 min): BF126908.D\data.ms (-1560) (-)

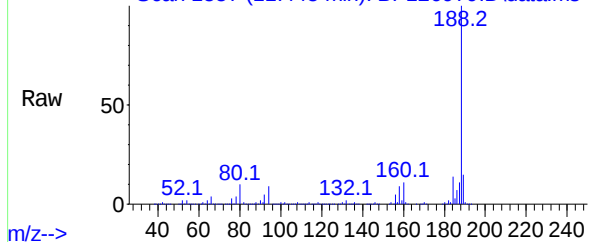


Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

Instrument :
BNA_F
ClientSampleId :

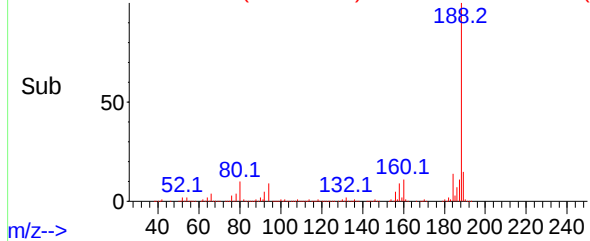
m/z-->

Abundance Scan 1557 (11.445 min): BF126979.D\data.ms

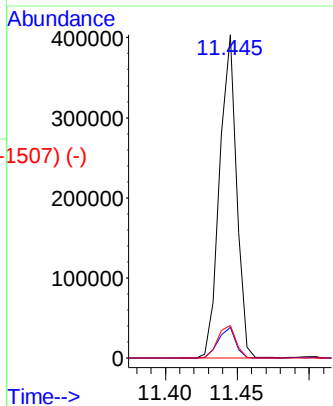


m/z-->

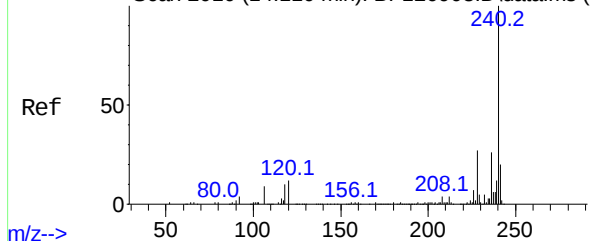
Abundance Scan 1557 (11.445 min): BF126979.D\data.ms (-1507) (-)



m/z-->



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2006) (-)

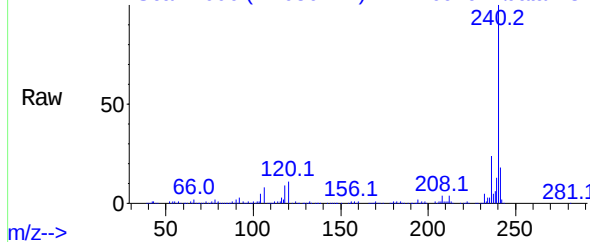


Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

Tgt Ion:240 Resp: 142058
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 24.2 20.5 30.7

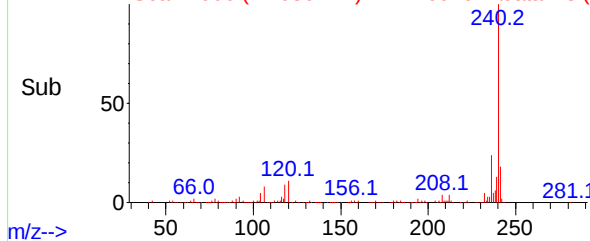
m/z-->

Abundance Scan 2006 (14.086 min): BF126979.D\data.ms

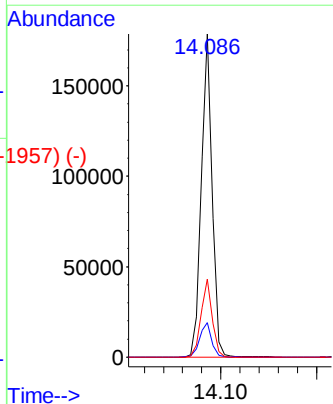


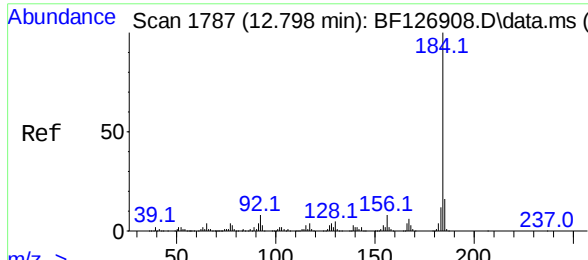
m/z-->

Abundance Scan 2006 (14.086 min): BF126979.D\data.ms (-1957) (-)



m/z-->

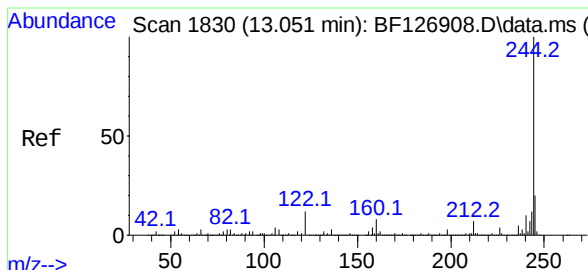
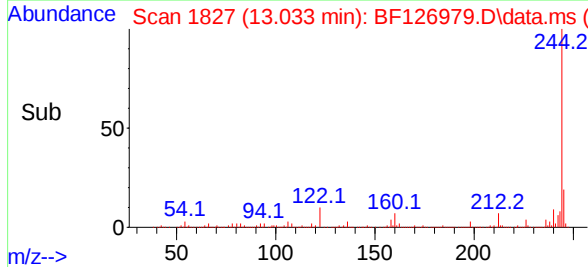
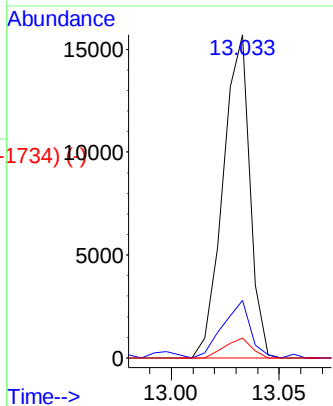
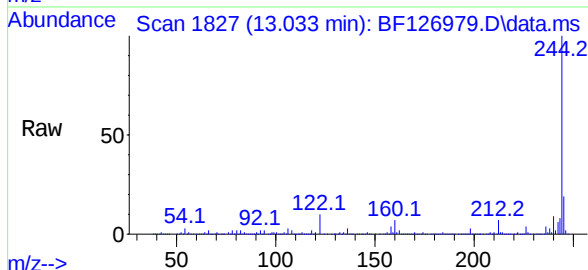




Benzidine
 Concen: 3.557 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. 0.247 min
 Lab File: BF126979.D
 Acq: 21 Feb 2022 17:58

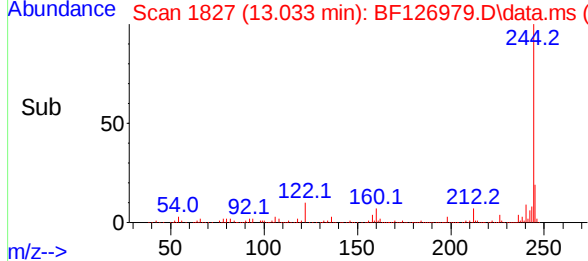
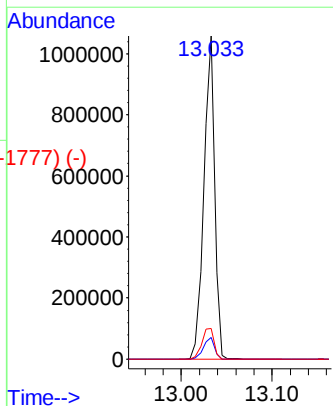
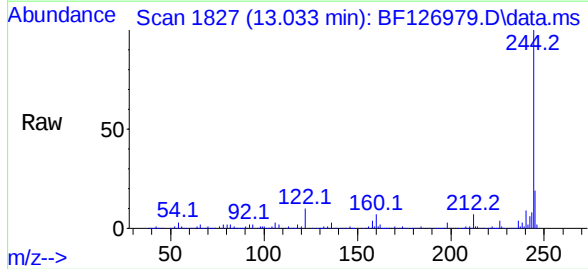
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	184	Resp:	13731
Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.8	17.8#
183	6.1	8.2	12.2#

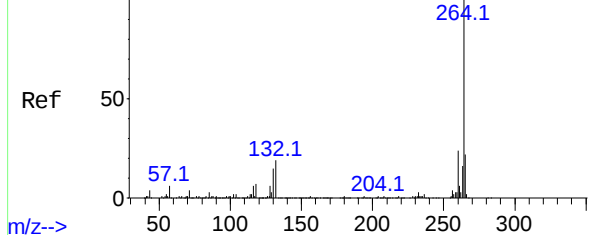


Terphenyl-d14
 Concen: 90.177 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF126979.D
 Acq: 21 Feb 2022 17:58

Tgt Ion:	244	Resp:	871427
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	9.6	13.3	19.9#



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



Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126979.D

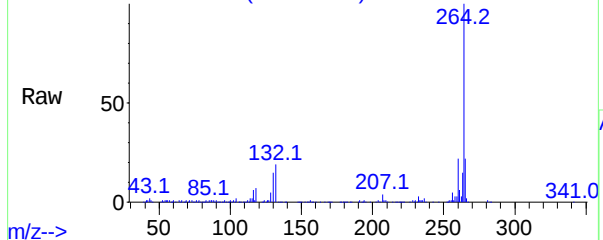
Acq: 21 Feb 2022 17:58

Instrument :

BNA_F

ClientSampleId :

Abundance Scan 2260 (15.580 min): BF126979.D\data.ms



Tgt Ion:264 Resp: 153890

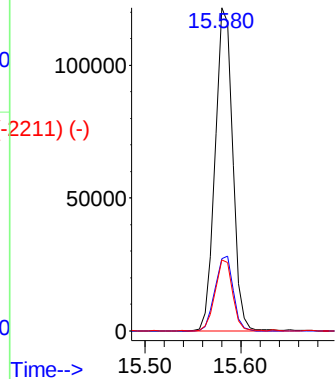
Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.9 17.4 26.2

Abundance



Abundance Scan 2260 (15.580 min): BF126979.D\data.ms (-2211) (-)

