

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 :
 SB-6-(9.5-10.0)

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)

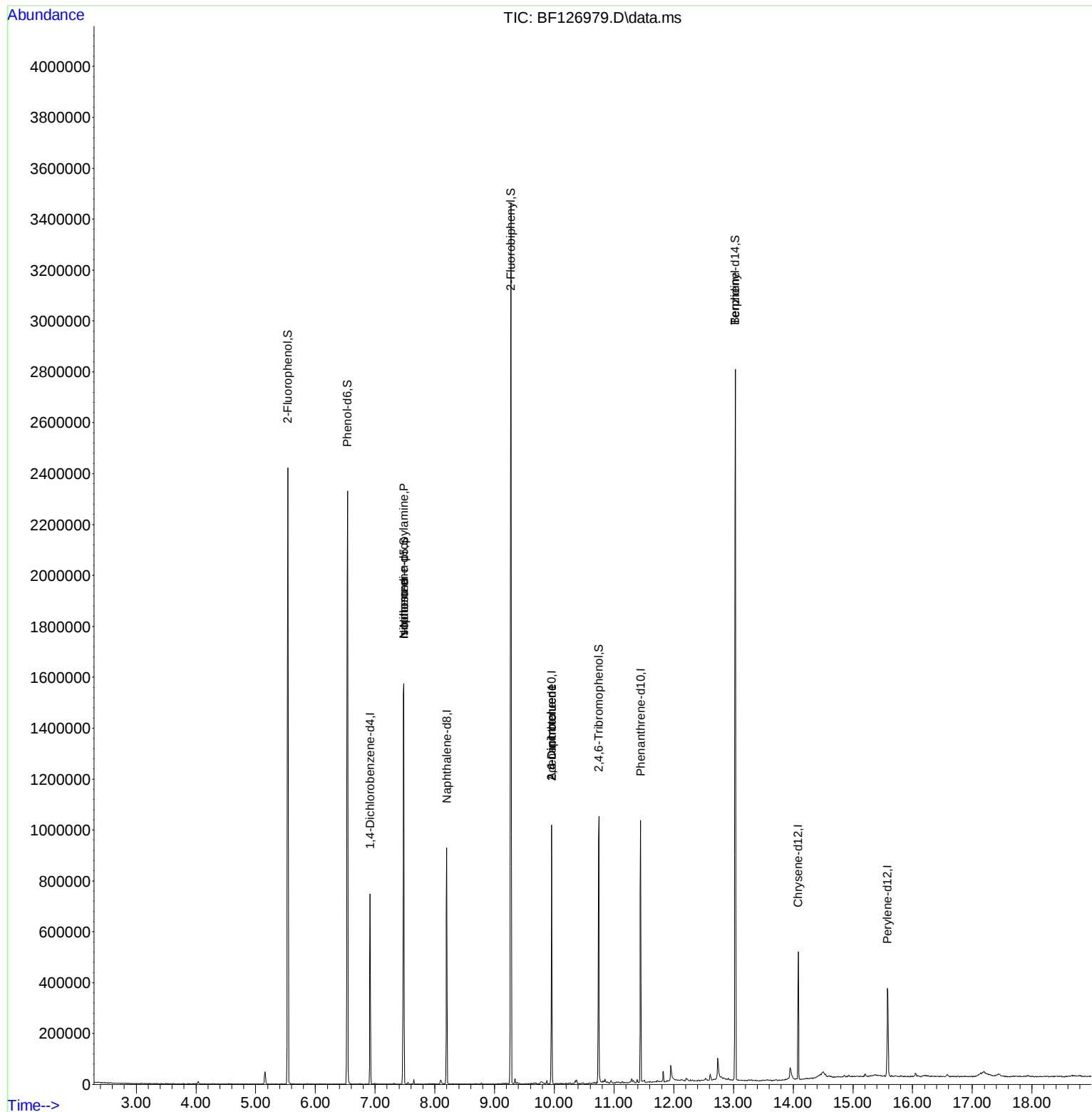
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	89157	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	359539	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	188401	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	328167	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	142058	20.000	ng	#-0.01
86) Perylene-d12	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

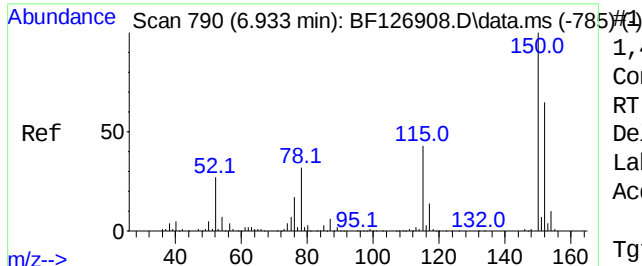
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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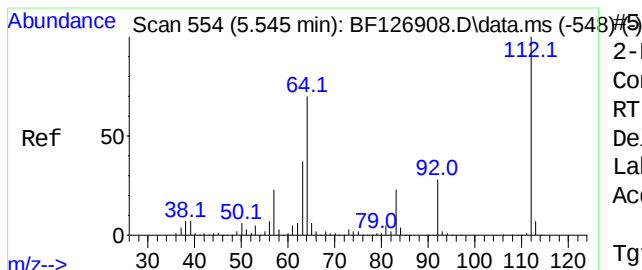
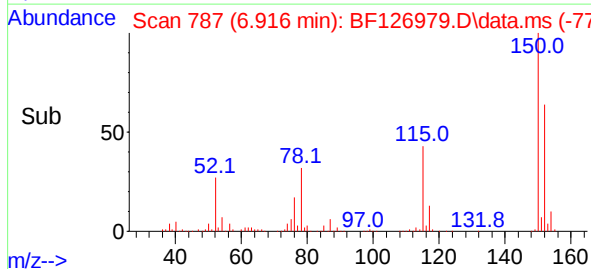
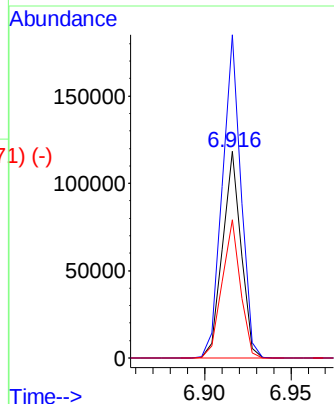
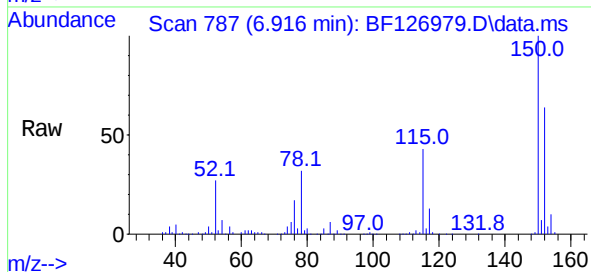




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan#
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

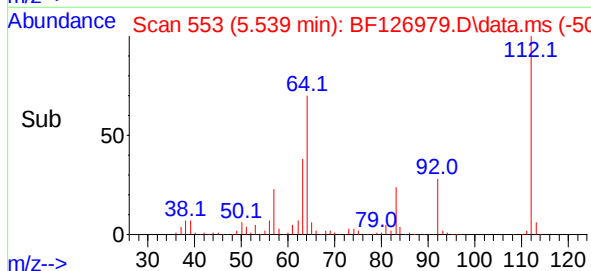
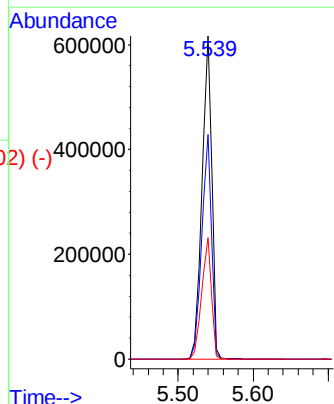
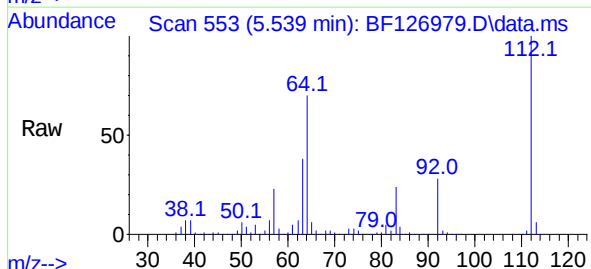
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)

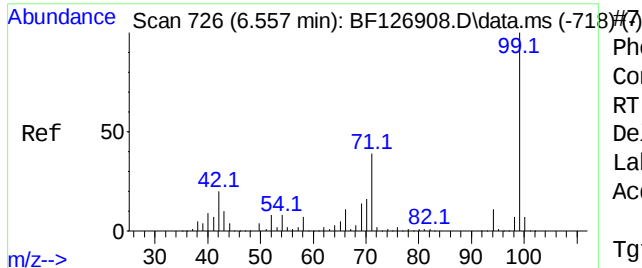
Tgt Ion:152 Resp: 89157
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 67.0 56.7 85.1



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 :

SB-6-(9.5-10.0)

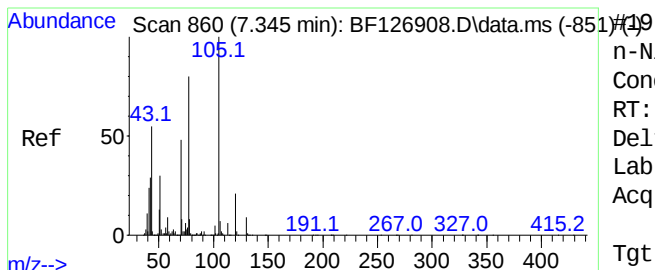
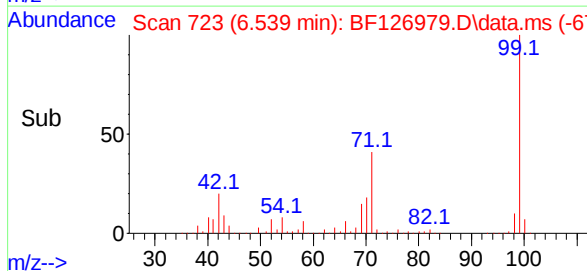
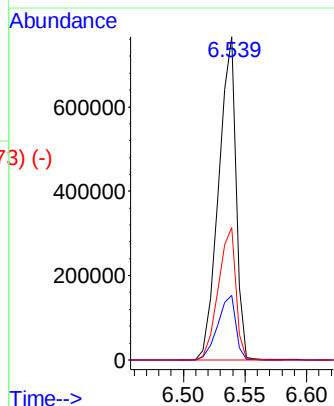
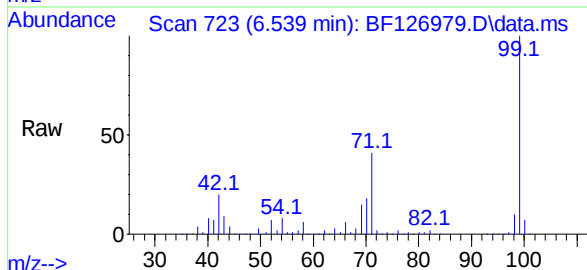
Tgt Ion: 99 Resp: 756556

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

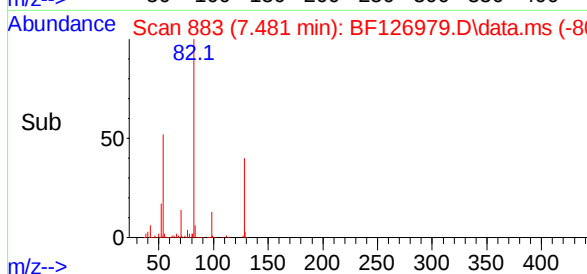
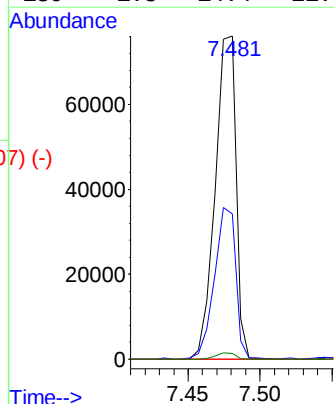
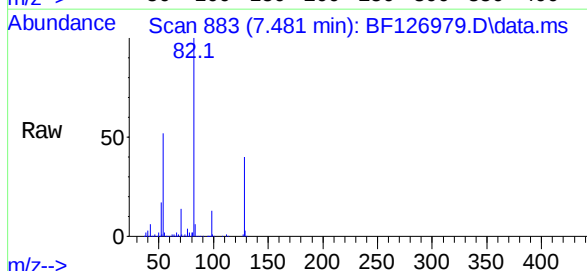
Ion Ratio Lower Upper

70 100

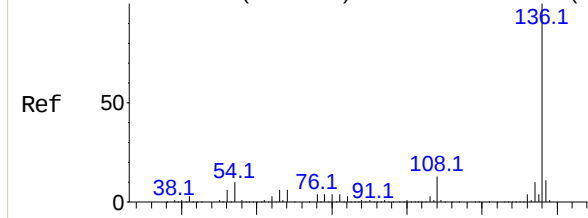
42 45.0 45.8 68.8#

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# 1

Delta R.T. -0.006 min

Lab File: BF126979.D

Acq: 21 Feb 2022 17:58

Instrument :

BNA_F

ClientSampleId :

SB-6-(9.5-10.0)

Tgt Ion:136 Resp: 359539

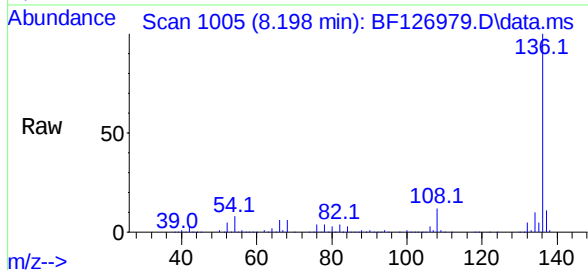
Ion Ratio Lower Upper

136 100

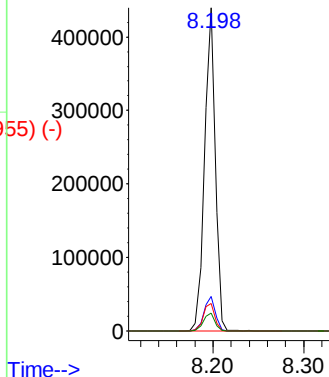
137 10.6 8.6 13.0

54 8.5 7.8 11.6

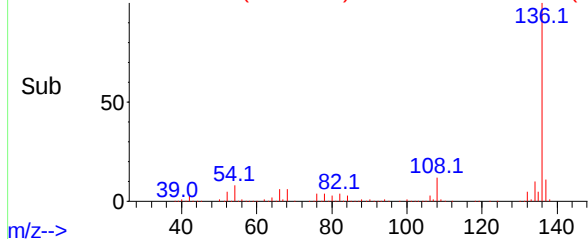
68 5.5 6.3 9.5#



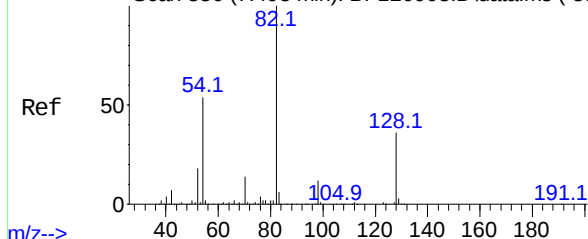
Abundance



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



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

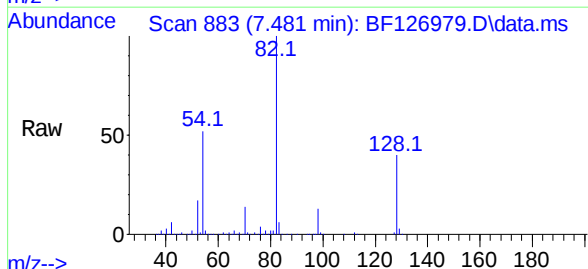
Tgt Ion: 82 Resp: 551397

Ion Ratio Lower Upper

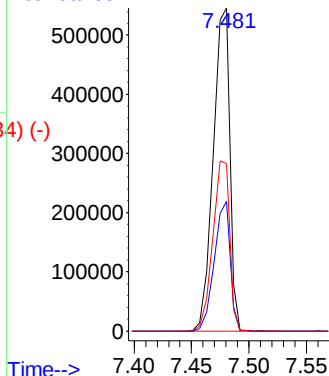
82 100

128 40.2 32.7 49.1

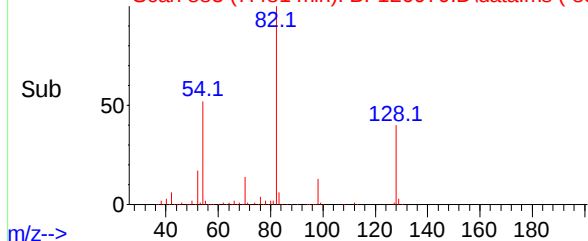
54 51.8 41.7 62.5



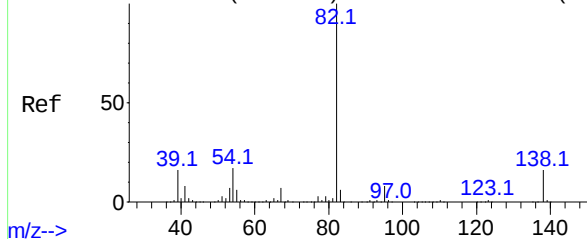
Abundance



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



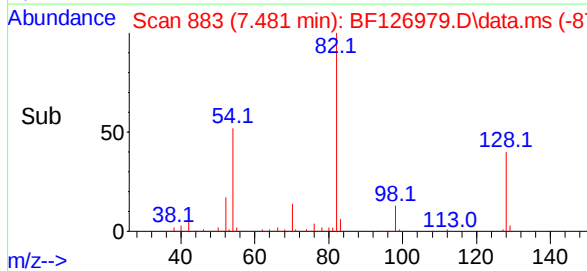
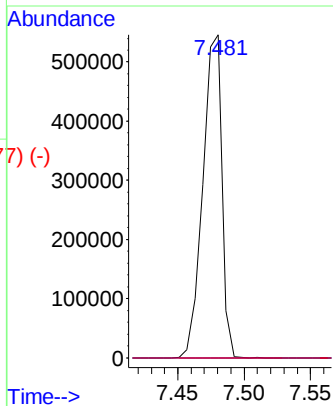
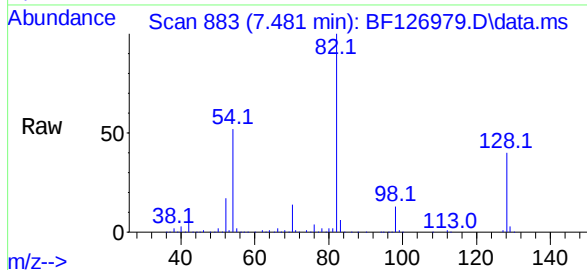
Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



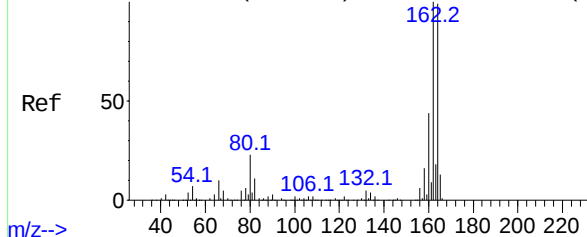
Isophorone
Concen: 41.740 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

Instrument :
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SB-6-(9.5-10.0)

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#

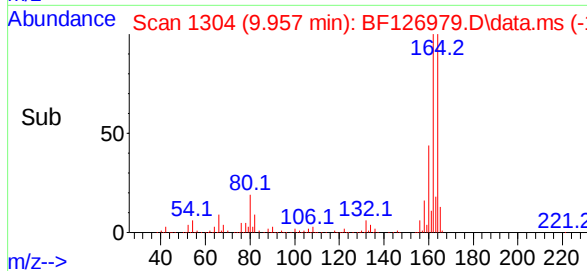
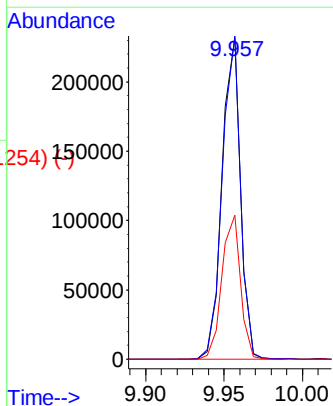
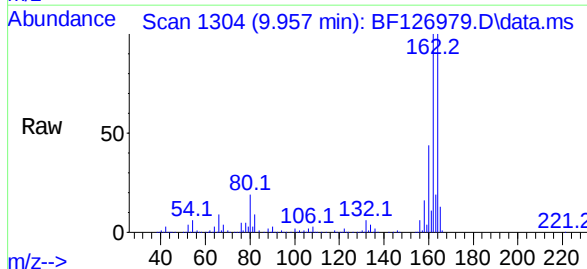


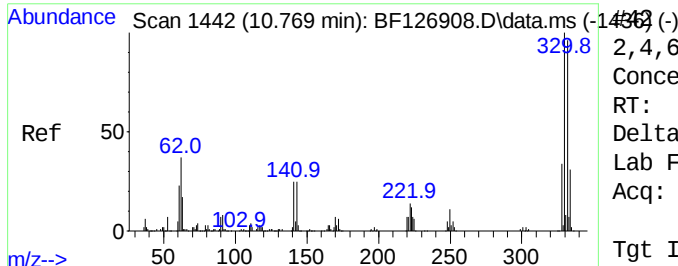
Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1304) #39



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

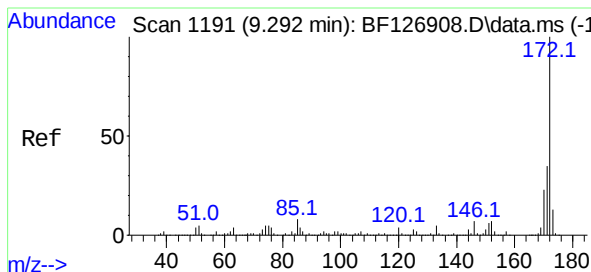
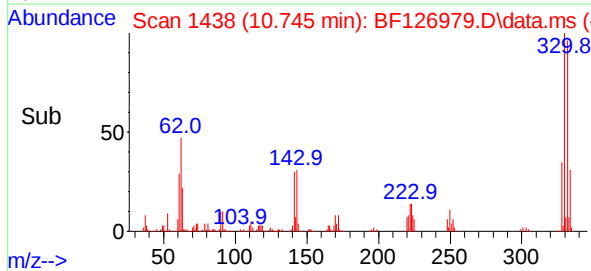
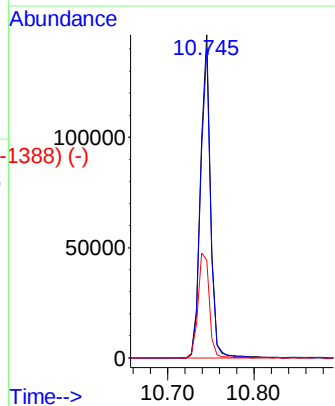
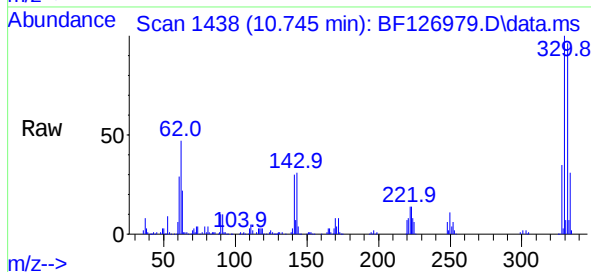




2,4,6-Tribromophenol
Concen: 53.878 ng
RT: 10.745 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

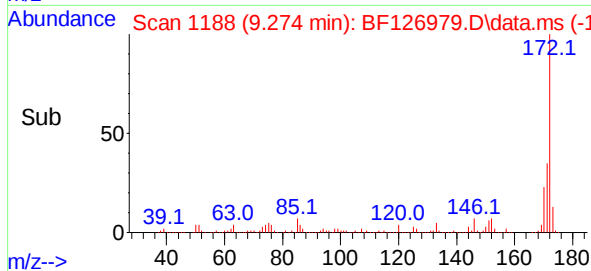
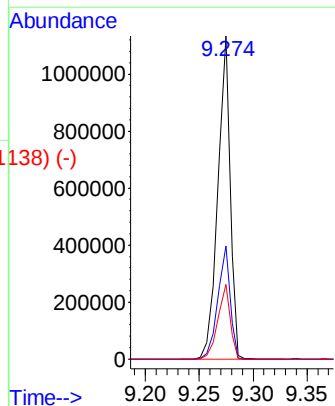
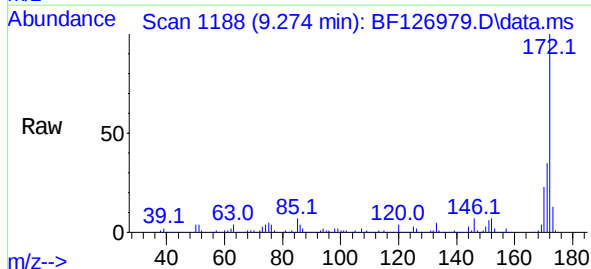
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)

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

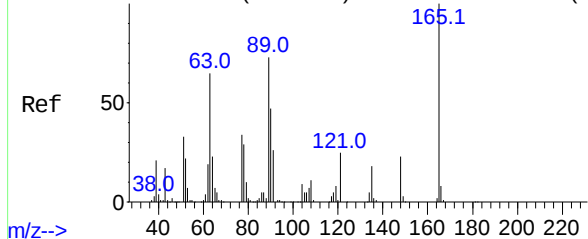


2-Fluorobiphenyl
Concen: 70.613 ng
RT: 9.274 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

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)

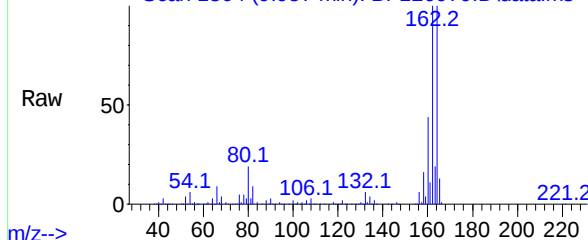


2,6-Dinitrotoluene
Concen: 8.868 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.212 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

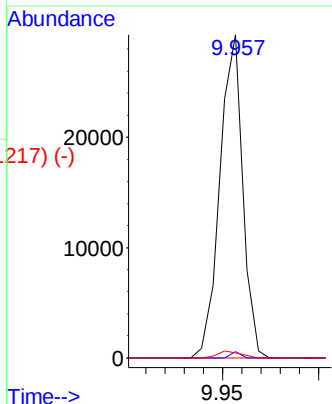
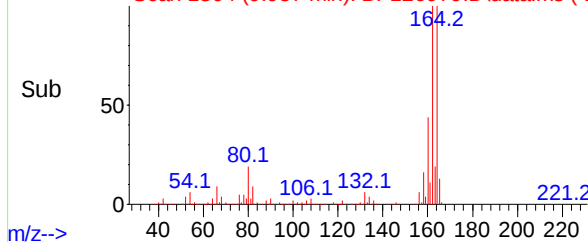
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)

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#

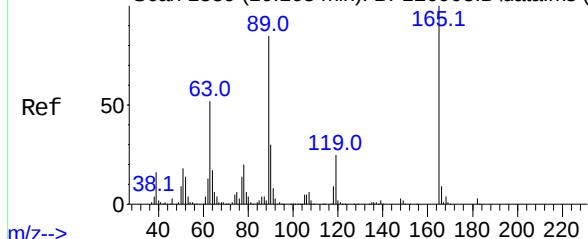
Abundance Scan 1304 (9.957 min): BF126979.D\data.ms



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



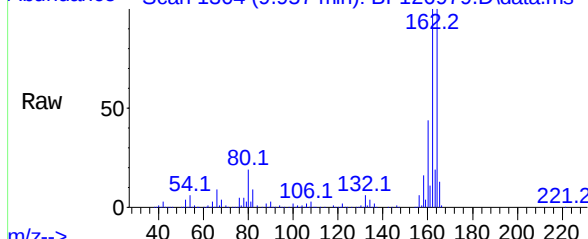
Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



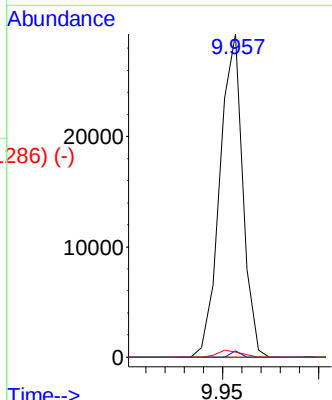
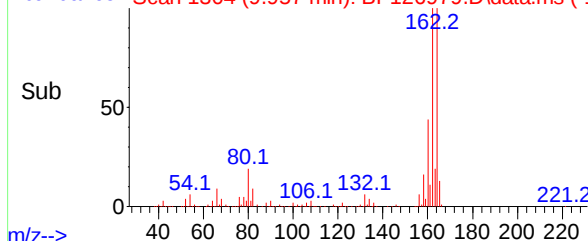
2,4-Dinitrotoluene
Concen: 6.559 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

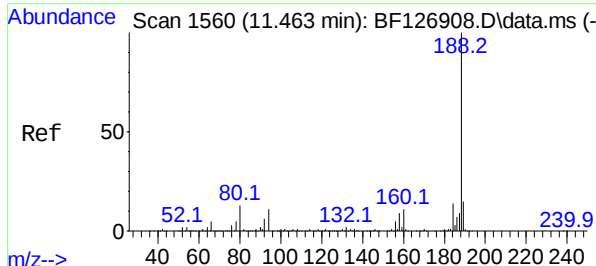
Tgt Ion:	165	Resp:	24298
Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.0	64.6#
89	1.6	71.0	106.4#
182	0.0	1.6	2.4#

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



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

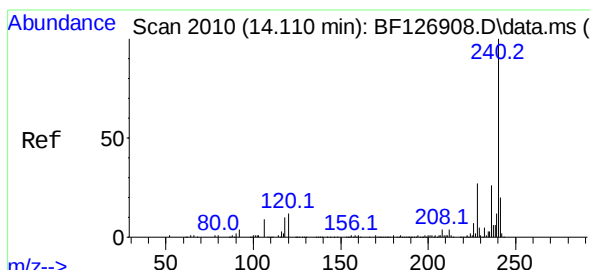
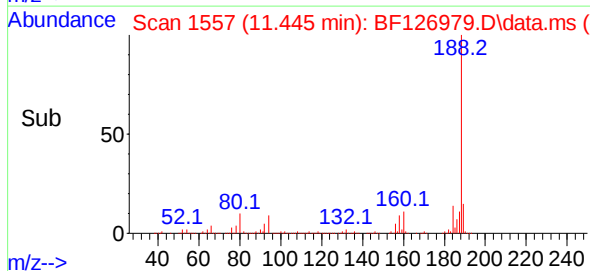
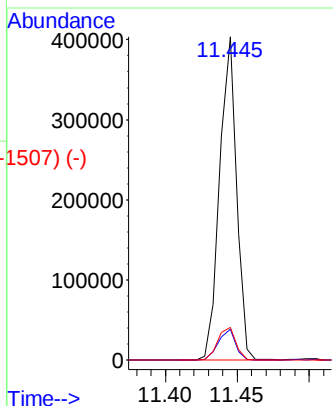
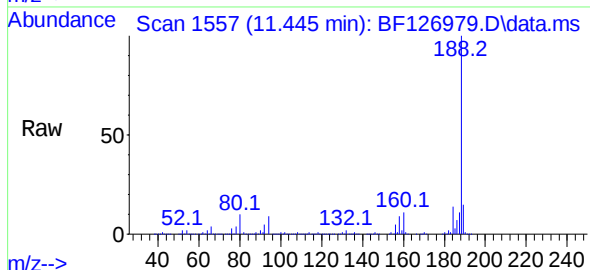




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BF126979.D
 Acq: 21 Feb 2022 17:58

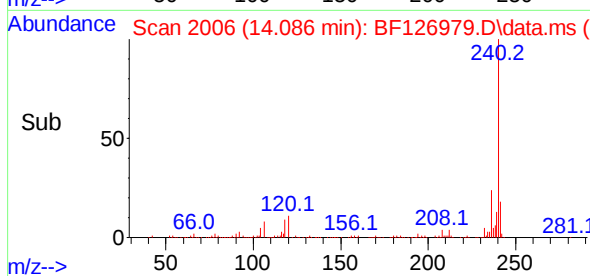
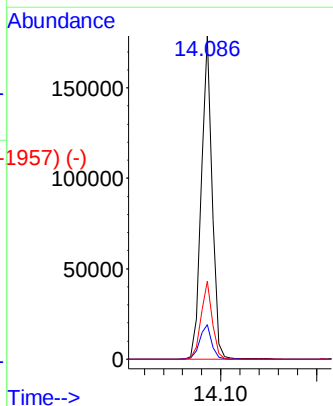
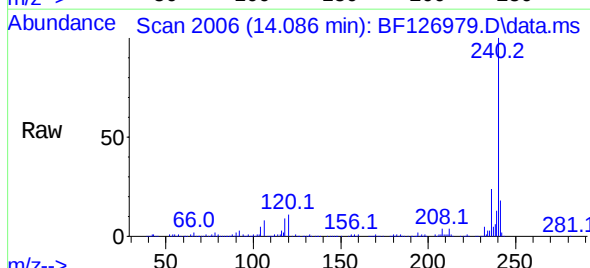
Instrument :
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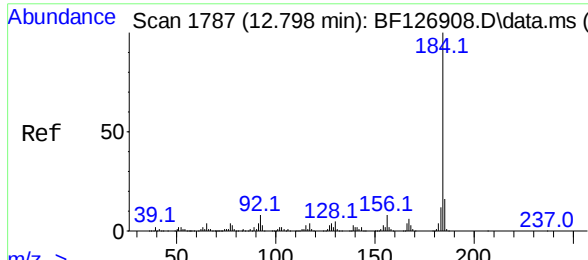
Tgt Ion:	188	Resp:	328167
Ion	Ratio	Lower	Upper
188	100		
94	9.5	10.1	15.1#
80	10.1	11.8	17.6#



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

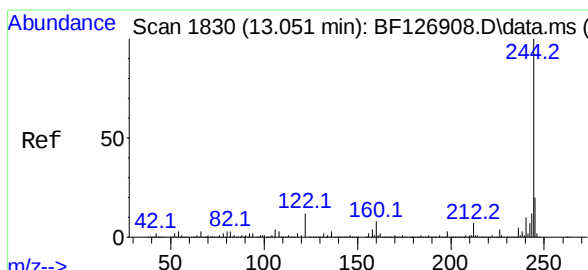
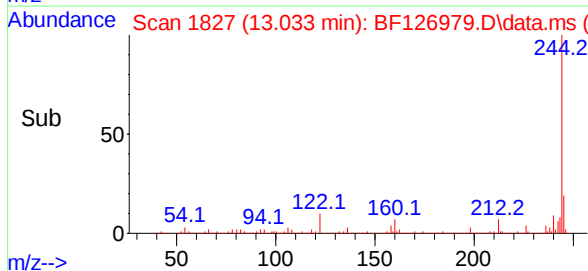
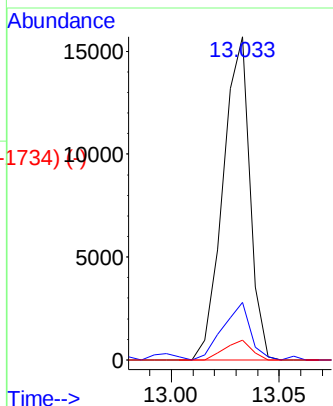
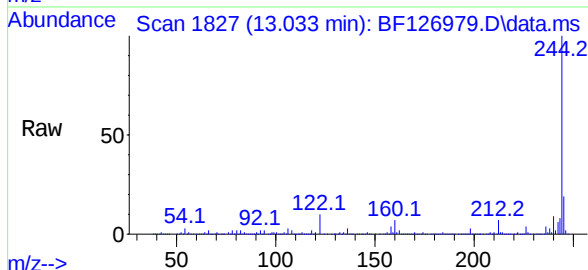




Benzidine
Concen: 3.557 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.247 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

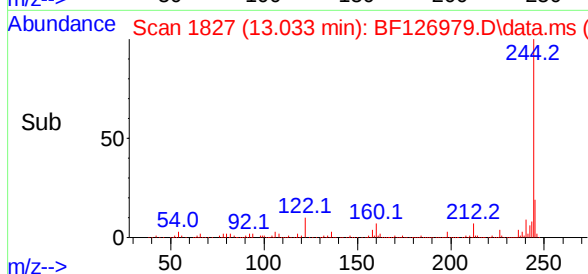
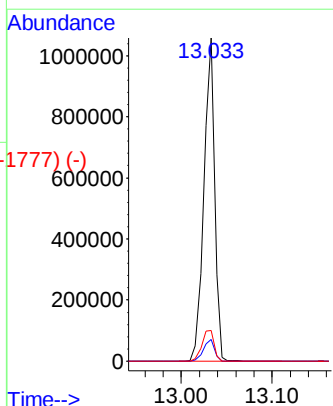
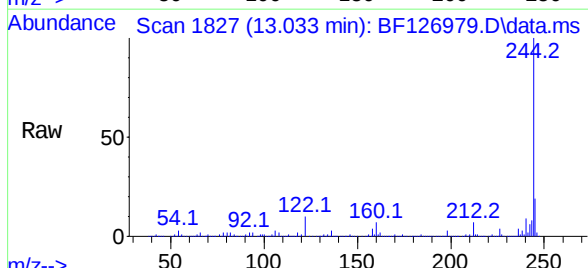
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)

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#

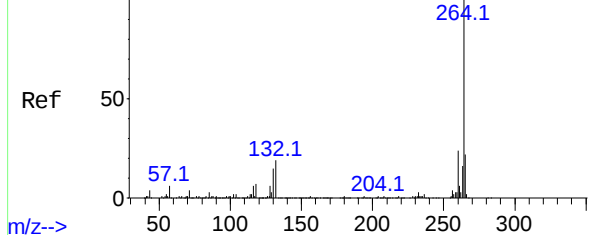


Terphenyl-d14
Concen: 90.177 ng
RT: 13.033 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF126979.D
Acq: 21 Feb 2022 17:58

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

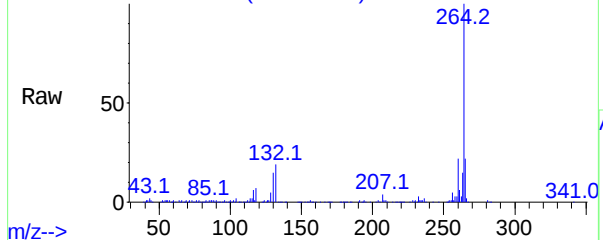
Instrument :

BNA_F

ClientSampleId :

SB-6-(9.5-10.0)

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



Tgt Ion:264 Resp: 153890

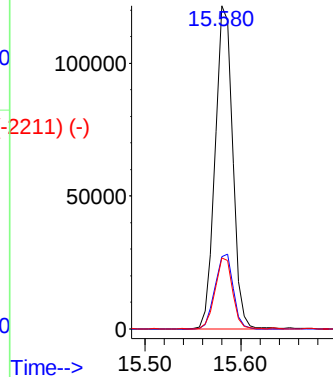
Ion Ratio Lower Upper

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) (-)

