

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126985.D
 Acq On : 21 Feb 2022 20:48
 Operator : CG\JU
 Sample : N1602-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 03:51:48 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)

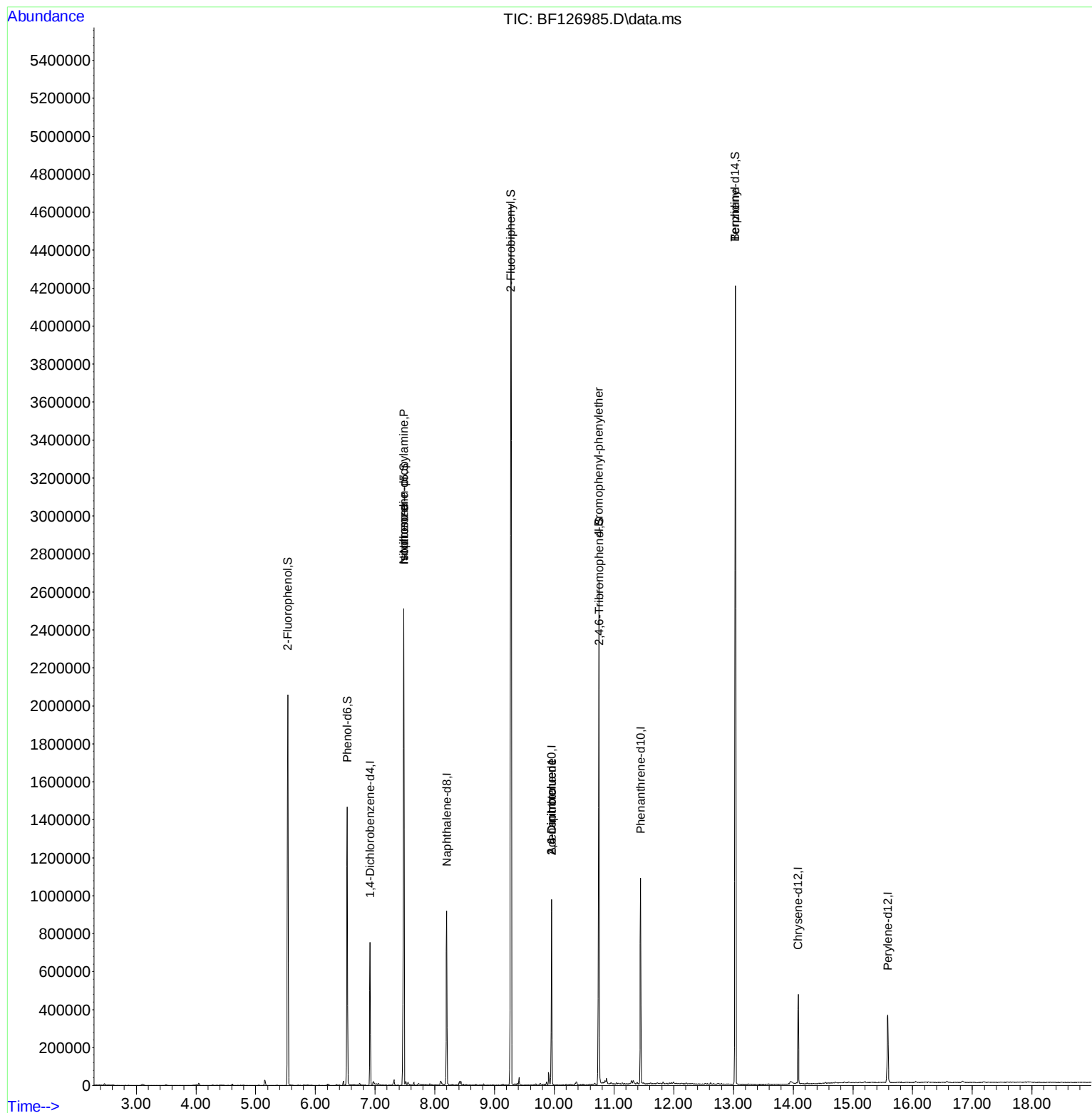
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91163	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	366390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	190943	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	336345	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	145078	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	161576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	459555	77.913	ng	0.00
7) Phenol-d6	6.534	99	427306	53.689	ng	-0.01
23) Nitrobenzene-d5	7.481	82	879384	108.335	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	313194	142.461	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1461321	112.667	ng	0.00
79) Terphenyl-d14	13.033	244	1381613	139.995	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	121708	23.732	ng	# 79
25) Isophorone	7.481	82	878949	65.437	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24836	8.944	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	24836	6.615	ng	# 16
67) 4-Bromophenyl-phenylether	10.745	248	19210	5.112	ng	# 1
77) Benzidine	13.033	184	20831	5.284	ng	# 94

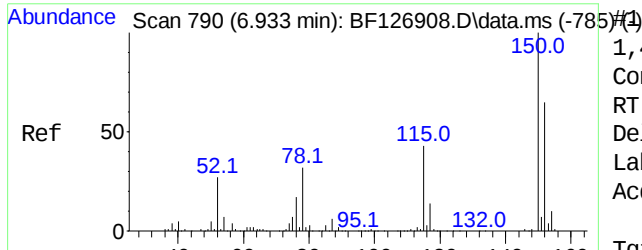
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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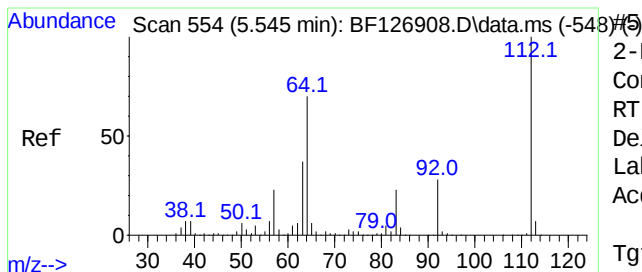
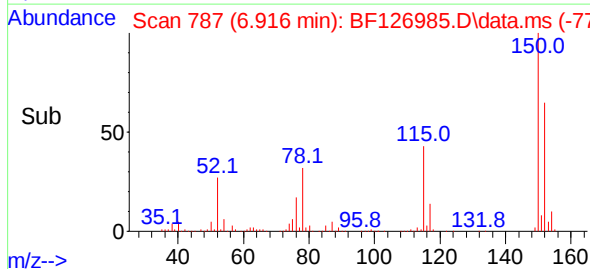
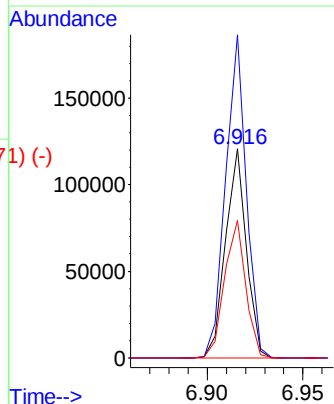
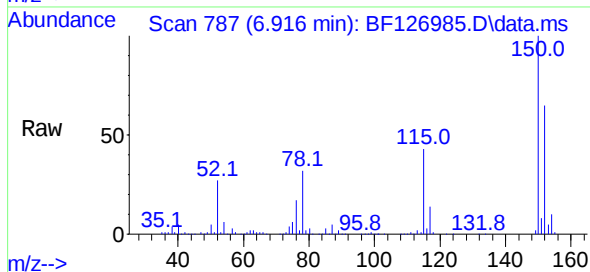




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126985.D
 Acq: 21 Feb 2022 20:48

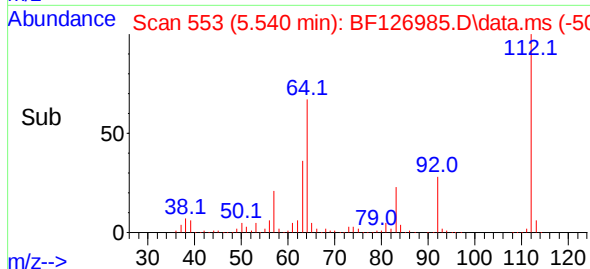
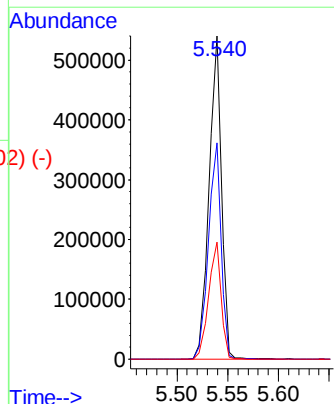
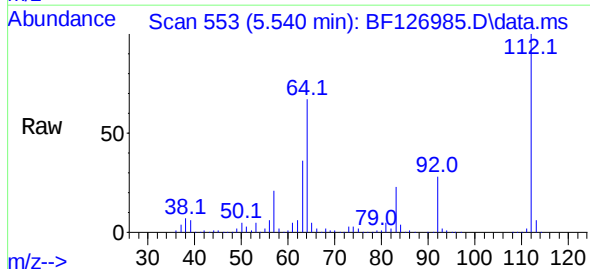
Instrument :
 BNA_F
 ClientSampleId :

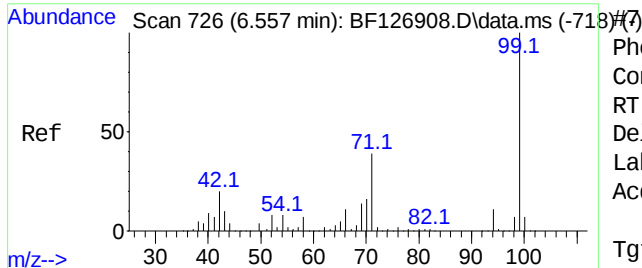
Tgt Ion:152 Resp: 91163
 Ion Ratio Lower Upper
 152 100
 150 154.6 128.1 192.1
 115 65.8 56.7 85.1



2-Fluorophenol
 Concen: 77.913 ng
 RT: 5.540 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF126985.D
 Acq: 21 Feb 2022 20:48

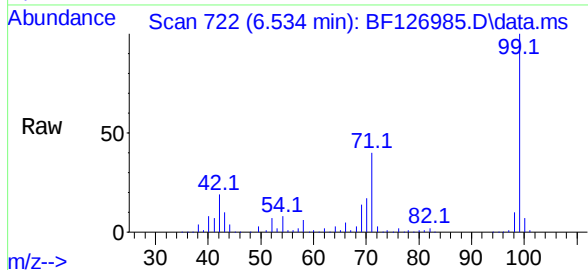
Tgt Ion:112 Resp: 459555
 Ion Ratio Lower Upper
 112 100
 64 66.9 49.5 74.3
 63 36.2 23.9 35.9#



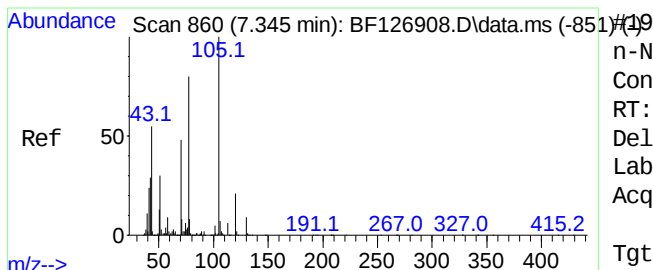
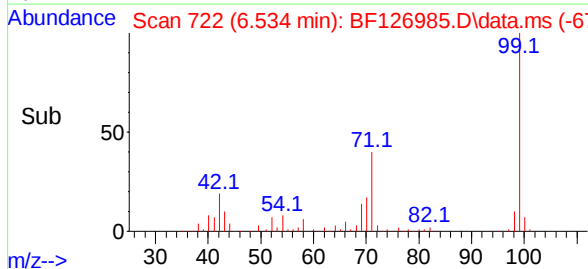
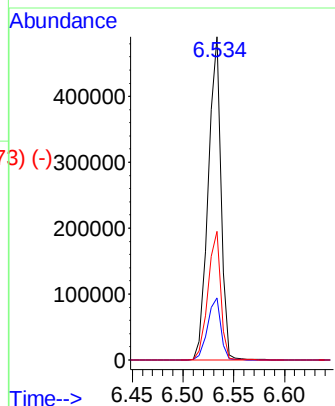


Phenol-d6
Concen: 53.689 ng
RT: 6.534 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

Instrument :
BNA_F
ClientSampleId :

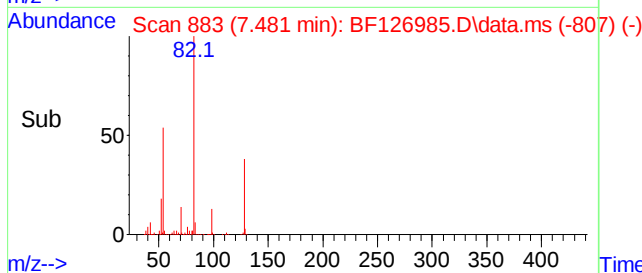
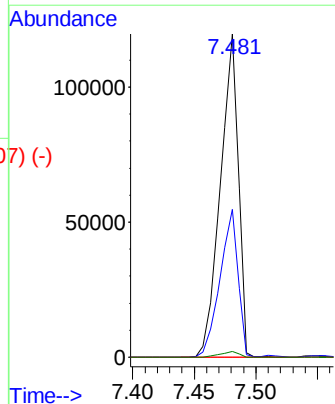
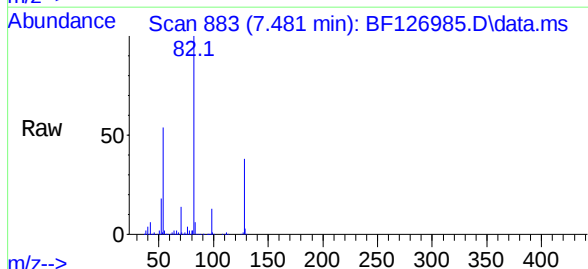


Tgt Ion: 99 Resp: 427306
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 39.9 24.3 36.5#



n-Nitroso-di-n-propylamine
Concen: 23.732 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF126985.D
Acq: 21 Feb 2022 20:48

Tgt Ion: 70 Resp: 121708
Ion Ratio Lower Upper
70 100
42 45.8 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

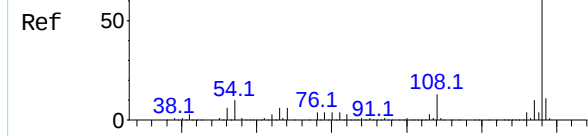
Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

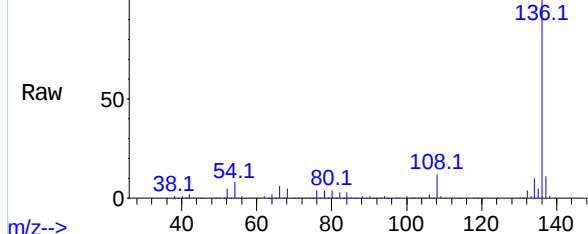
BNA_F

ClientSampleId :



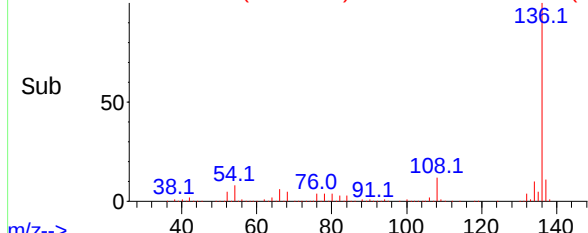
m/z-->

Abundance Scan 1005 (8.198 min): BF126985.D\data.ms



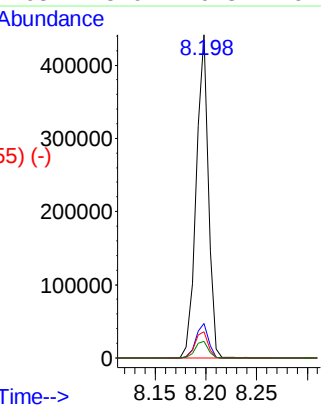
m/z-->

Abundance Scan 1005 (8.198 min): BF126985.D\data.ms (-955) (-)



m/z-->

Tgt Ion:	136	Resp:	366390
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.0	7.8	11.6
68	5.0	6.3	9.5#



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

Nitrobenzene-d5

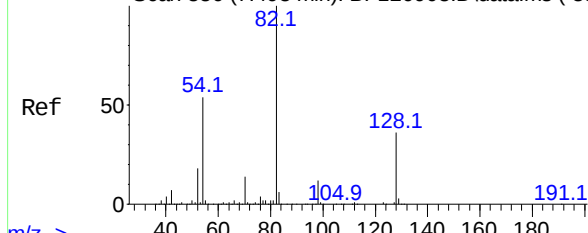
Concen: 108.335 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

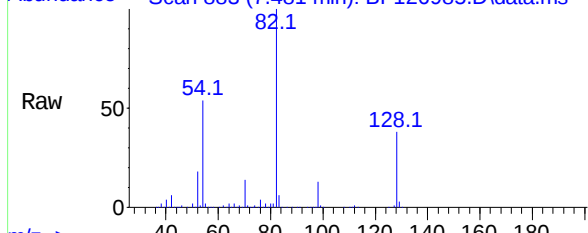
Lab File: BF126985.D

Acq: 21 Feb 2022 20:48



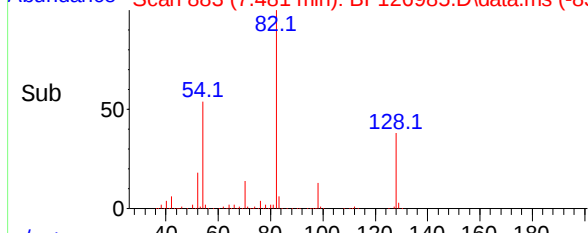
m/z-->

Abundance Scan 883 (7.481 min): BF126985.D\data.ms



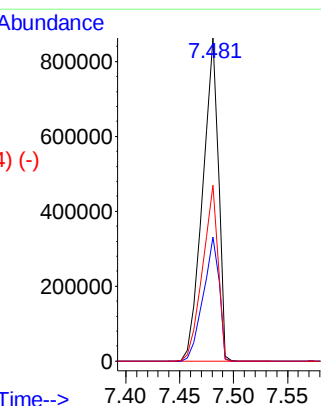
m/z-->

Abundance Scan 883 (7.481 min): BF126985.D\data.ms (-834) (-)



m/z-->

Tgt Ion:	82	Resp:	879384
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.7	49.1
54	54.4	41.7	62.5



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

Isophorone

Concen: 65.437 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.265 min

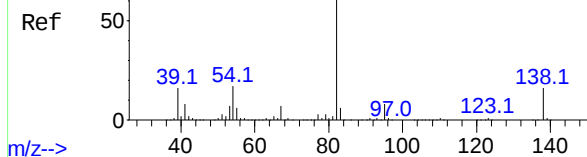
Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :



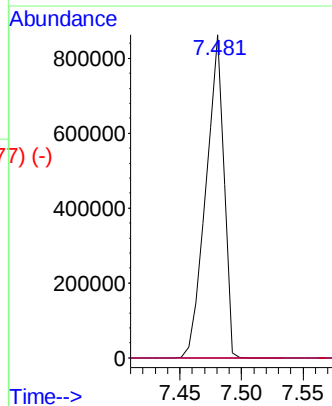
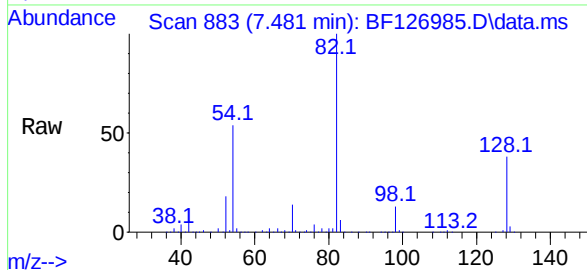
Tgt Ion: 82 Resp: 878949

Ion Ratio Lower Upper

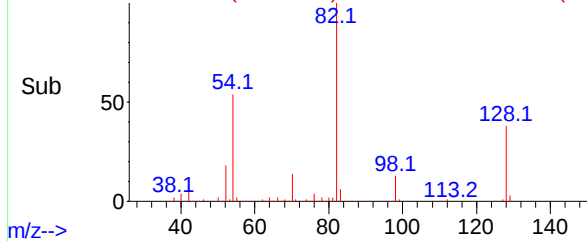
82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#



Abundance Scan 883 (7.481 min): BF126985.D\data.ms (-877) (-)



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

Acenaphthene-d10

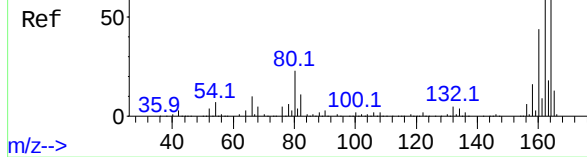
Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48



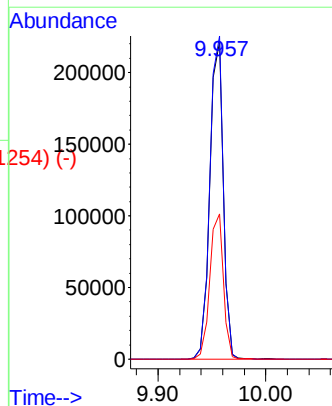
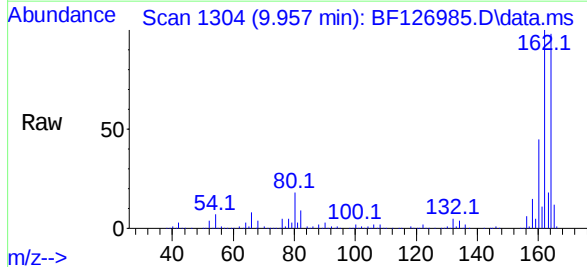
Tgt Ion: 164 Resp: 190943

Ion Ratio Lower Upper

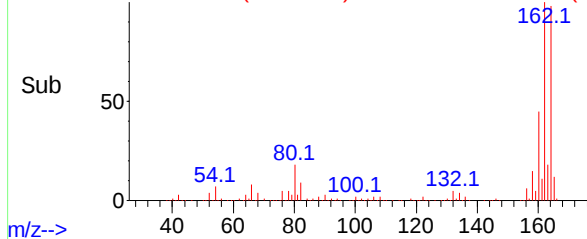
164 100

162 101.8 81.4 122.0

160 45.8 36.6 54.8



Abundance Scan 1304 (9.957 min): BF126985.D\data.ms (-1254) (-)



Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1463) (-)

2,4,6-Tribromophenol

Concen: 142.461 ng

RT: 10.751 min Scan# 1439

Delta R.T. -0.000 min

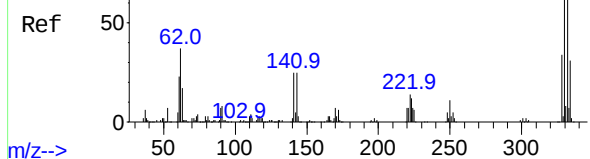
Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :



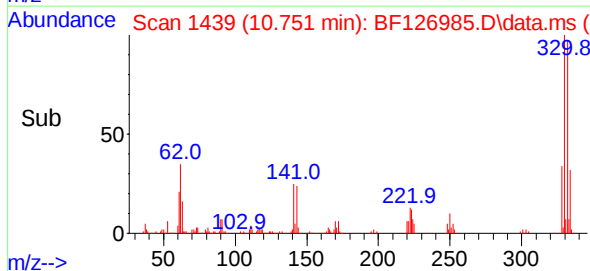
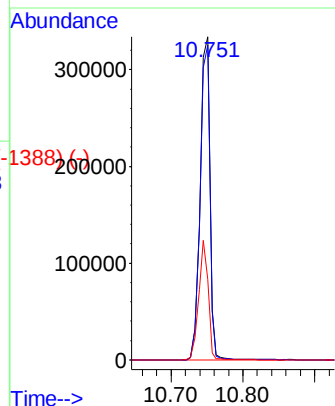
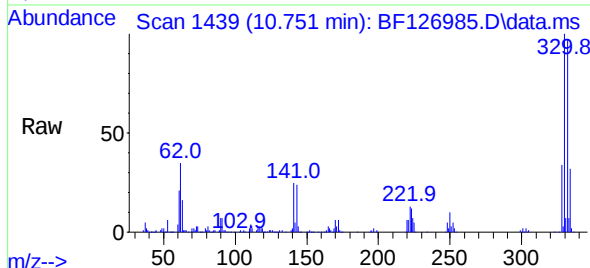
Tgt Ion:330 Resp: 313194

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 35.9 30.1 45.1



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

2-Fluorobiphenyl

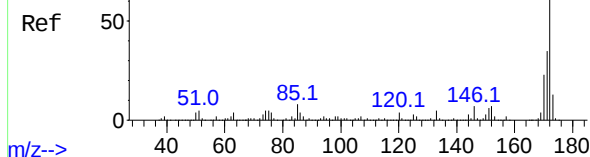
Concen: 112.667 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48



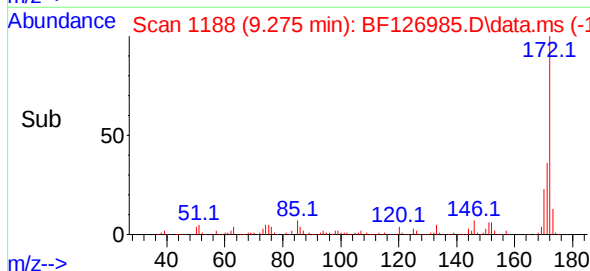
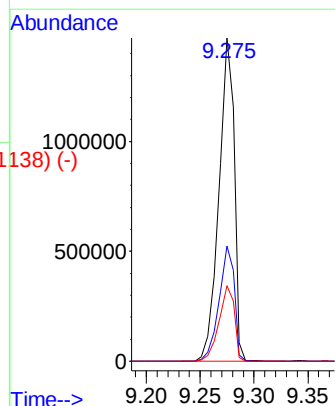
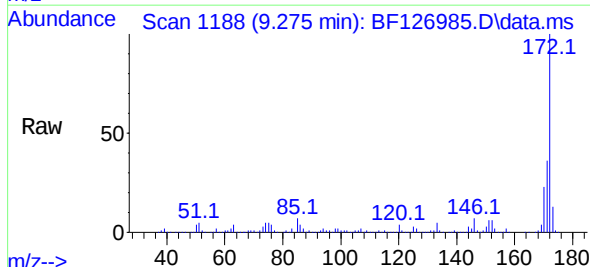
Tgt Ion:172 Resp: 1461321

Ion Ratio Lower Upper

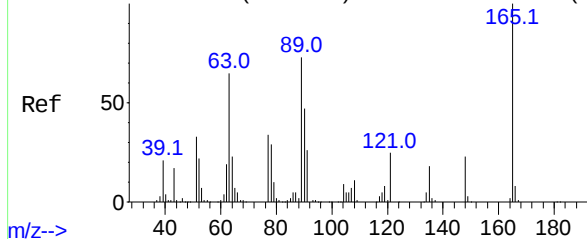
172 100

171 35.6 28.3 42.5

170 23.3 19.0 28.6



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



2,6-Dinitrotoluene

Concen: 8.944 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.212 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

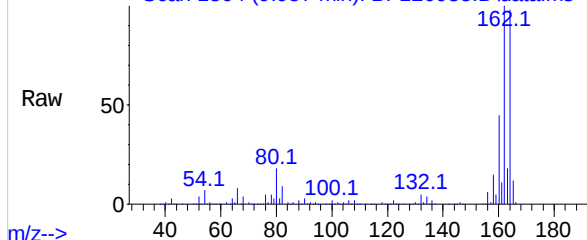
Instrument :

BNA_F

ClientSampleId :

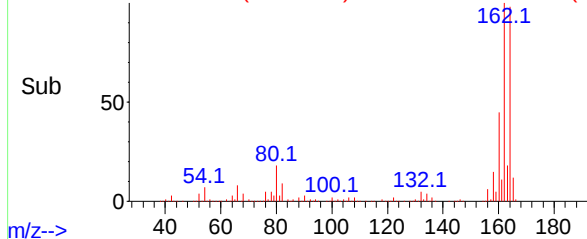
m/z-->

Abundance Scan 1304 (9.957 min): BF126985.D\data.ms

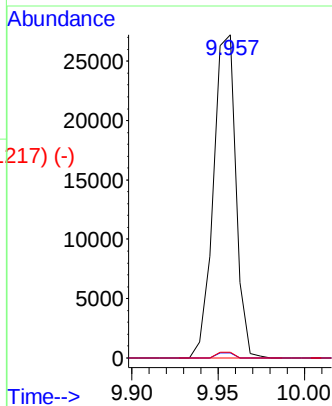


m/z-->

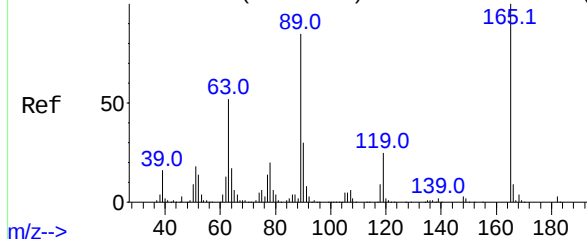
Abundance Scan 1304 (9.957 min): BF126985.D\data.ms (-1217) (-)



m/z-->

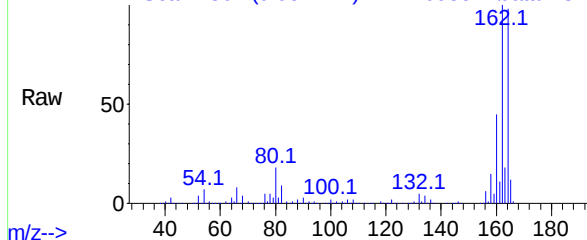


Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



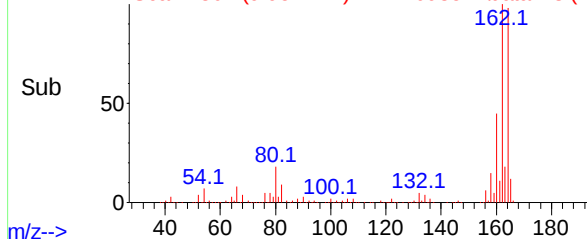
m/z-->

Abundance Scan 1304 (9.957 min): BF126985.D\data.ms



m/z-->

Abundance Scan 1304 (9.957 min): BF126985.D\data.ms (-1286) (-)



m/z-->

2,4-Dinitrotoluene

Concen: 6.615 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Tgt Ion:165 Resp: 24836

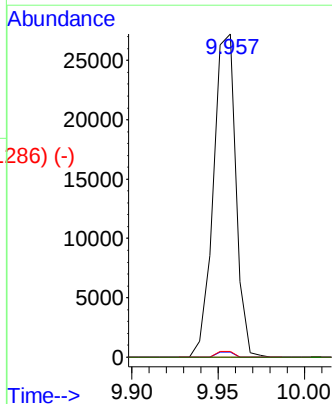
Ion Ratio Lower Upper

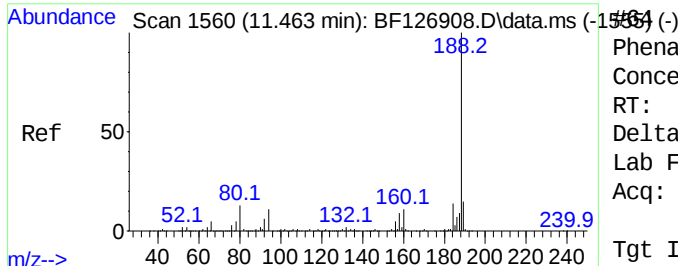
165 100

63 1.5 43.0 64.6#

89 1.8 71.0 106.4#

182 0.0 1.6 2.4#

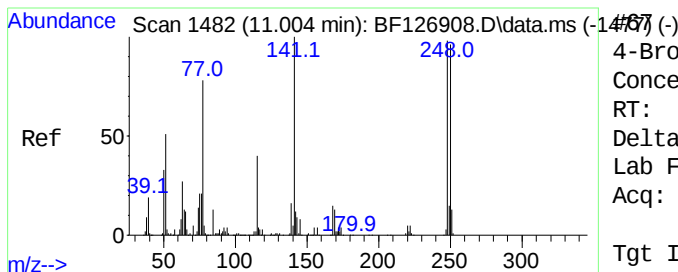
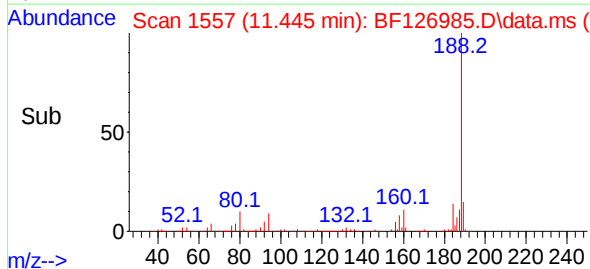
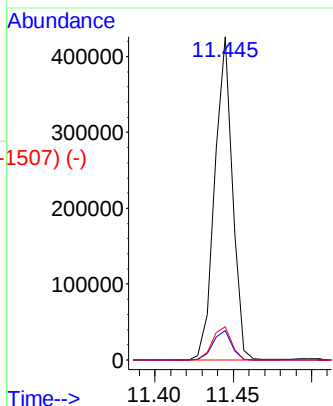
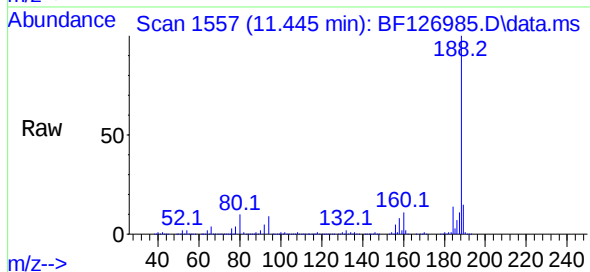




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BF126985.D
 Acq: 21 Feb 2022 20:48

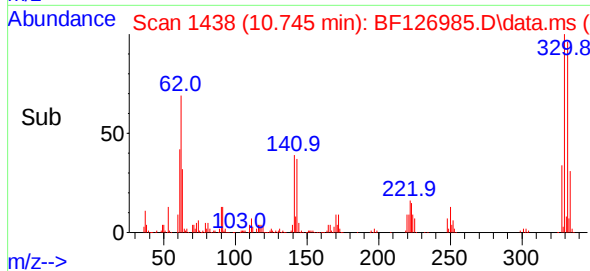
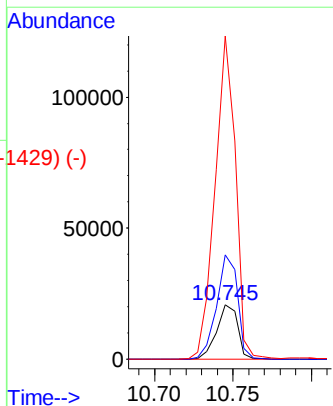
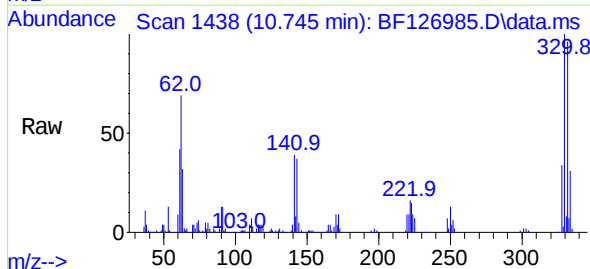
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	188	Resp:	336345
Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.1	15.1#
80	10.3	11.8	17.6#



4-Bromophenyl-phenylether
 Concen: 5.112 ng
 RT: 10.745 min Scan# 1438
 Delta R.T. -0.247 min
 Lab File: BF126985.D
 Acq: 21 Feb 2022 20:48

Tgt Ion:	248	Resp:	19210
Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.2	114.4#
141	595.8	66.2	99.4#



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-20076) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 1

Delta R.T. -0.012 min

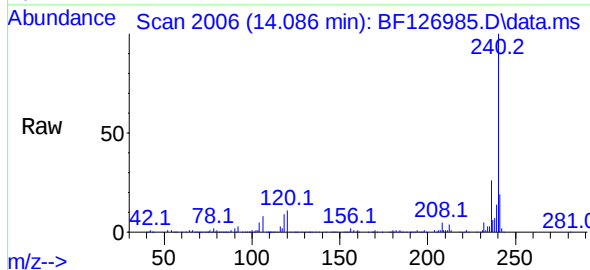
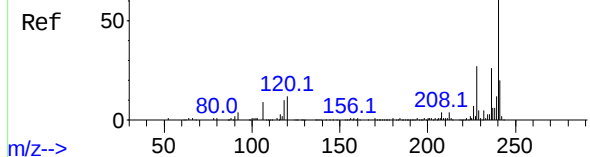
Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :



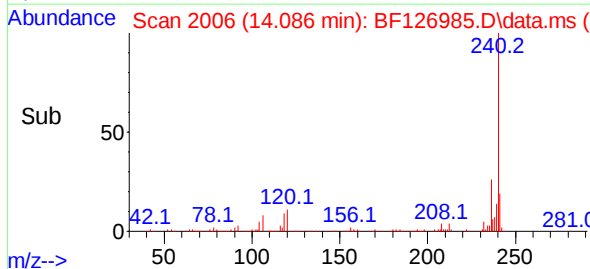
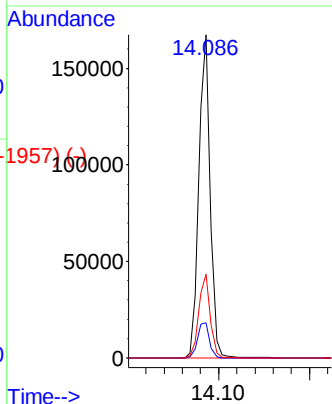
Tgt Ion:240 Resp: 145078

Ion Ratio Lower Upper

240 100

120 10.9 14.4 21.6#

236 25.9 20.5 30.7



Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1757) (-)

Benzidine

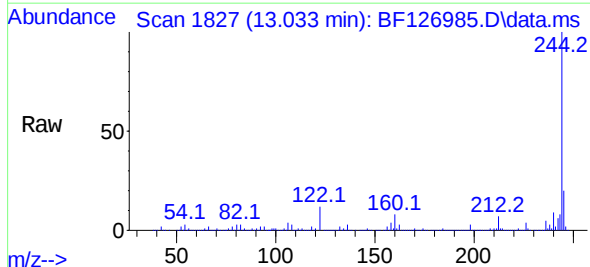
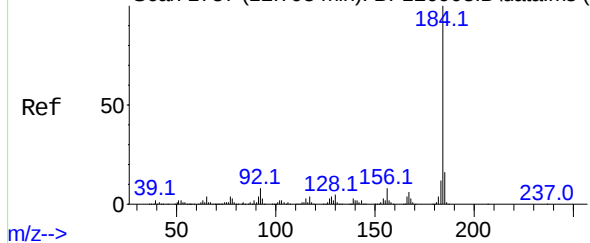
Concen: 5.284 ng

RT: 13.033 min Scan# 1827

Delta R.T. 0.247 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48



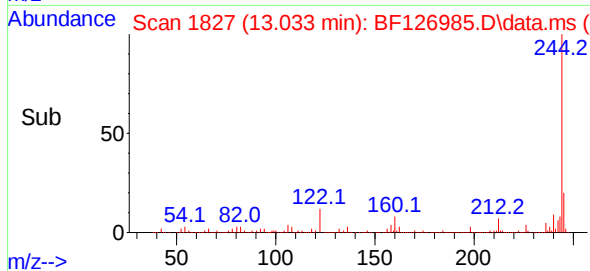
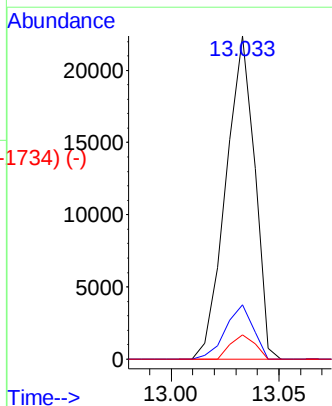
Tgt Ion:184 Resp: 20831

Ion Ratio Lower Upper

184 100

185 16.8 11.8 17.8

183 7.5 8.2 12.2#



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

Terphenyl-d14

Concen: 139.995 ng

RT: 13.033 min Scan# 1827

Delta R.T. -0.006 min

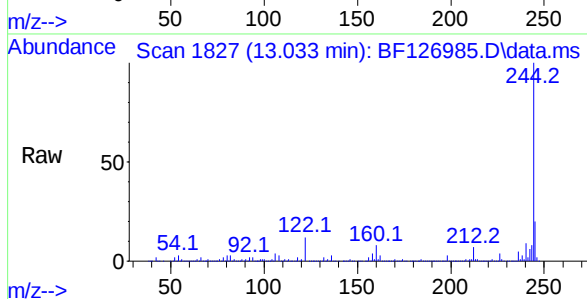
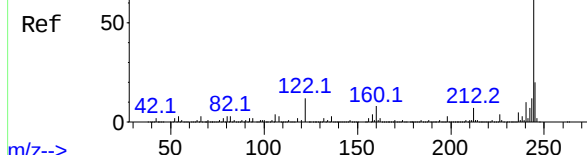
Lab File: BF126985.D

Acq: 21 Feb 2022 20:48

Instrument :

BNA_F

ClientSampleId :



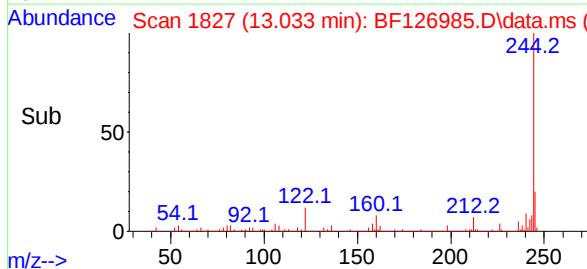
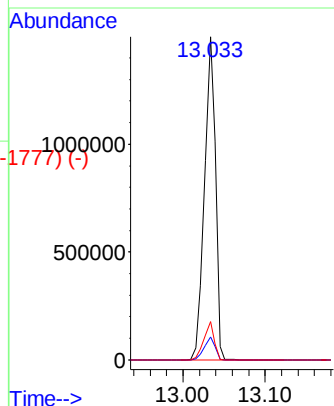
Tgt Ion:244 Resp: 1381613

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 11.9 13.3 19.9#



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

Perylene-d12

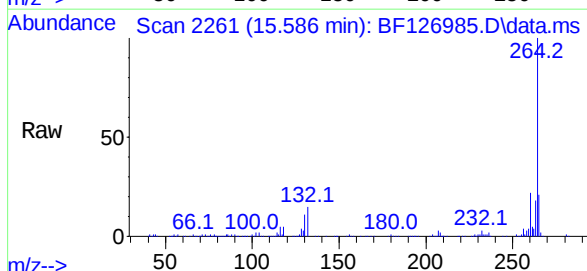
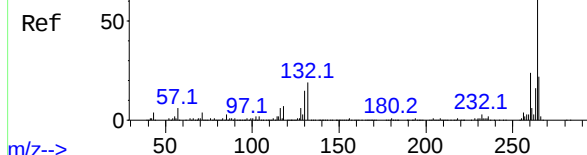
Concen: 20.000 ng

RT: 15.586 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF126985.D

Acq: 21 Feb 2022 20:48



Tgt Ion:264 Resp: 161576

Ion Ratio Lower Upper

264 100

260 21.7 19.2 28.8

265 21.0 17.4 26.2

