

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126993.D
 Acq On : 22 Feb 2022 00:32
 Operator : CG\JU
 Sample : N1602-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 03:54:51 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)

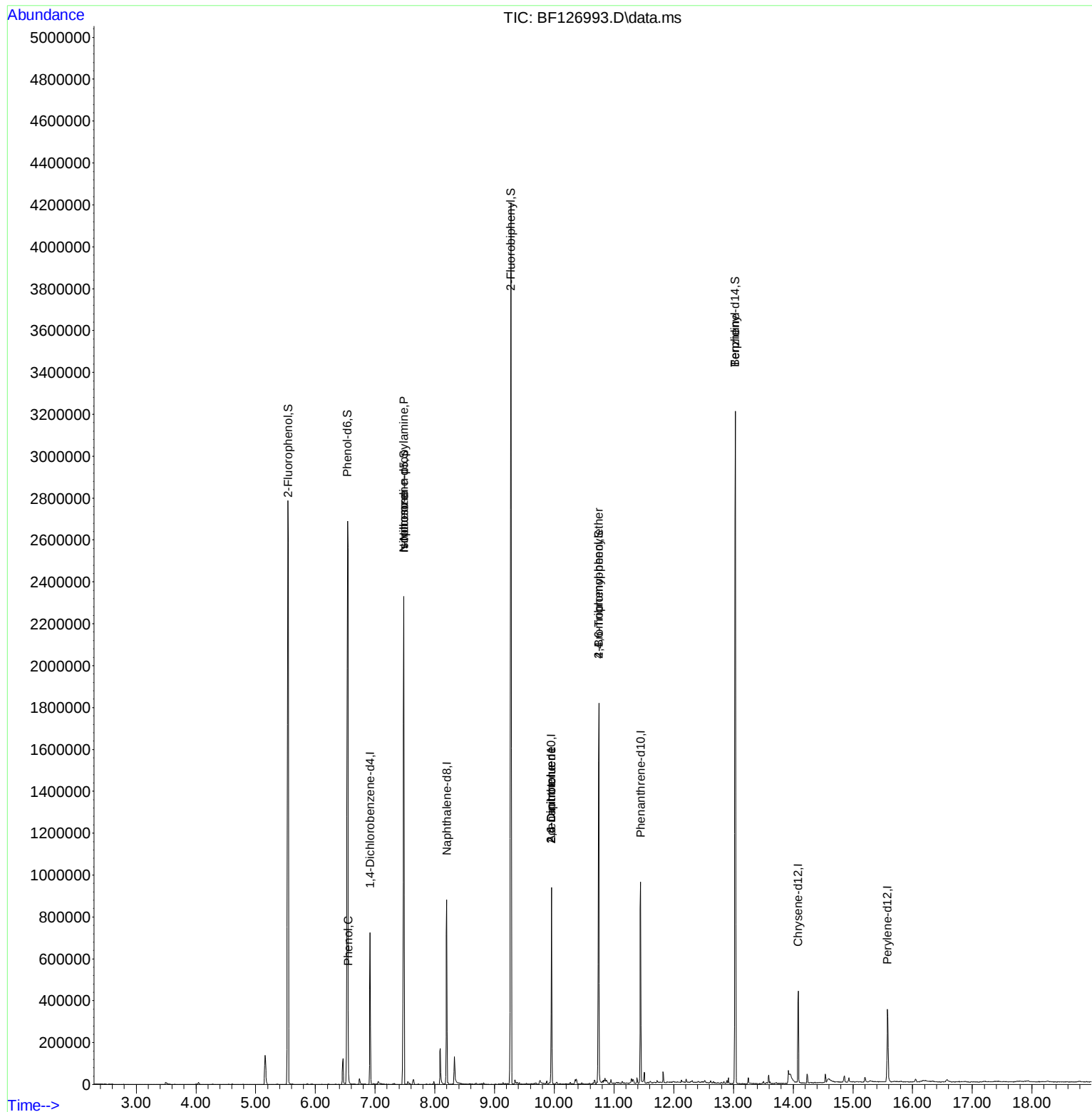
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	86543	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	350344	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	184115	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	325168	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	139010	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	151710	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	759669	135.669	ng	0.00
7) Phenol-d6	6.540	99	1113386	147.359	ng	0.00
23) Nitrobenzene-d5	7.481	82	780357	100.539	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	200588	94.624	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1151657	92.085	ng	0.00
79) Terphenyl-d14	13.033	244	1045146	110.525	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.551	94	17459	2.287	ng	# 60
19) n-Nitroso-di-n-propyla...	7.481	70	105697	21.710	ng	# 81
25) Isophorone	7.481	82	779792	60.714	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	23958	8.948	ng	# 22
57) 2,4-Dinitrotoluene	9.951	165	23958	6.618	ng	# 16
67) 4-Bromophenyl-phenylether	10.745	248	11829	3.256	ng	# 1
77) Benzidine	13.033	184	16530	4.376	ng	# 94

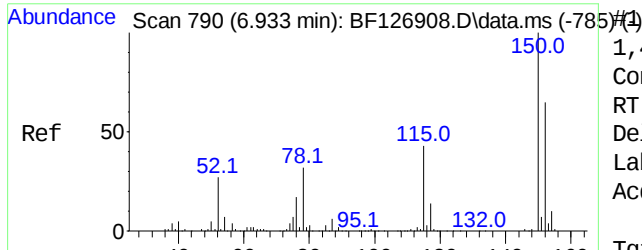
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 21 13:16:57 2022
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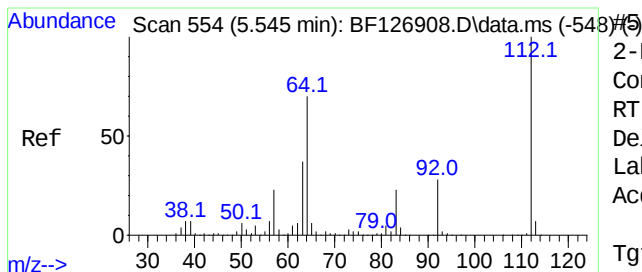
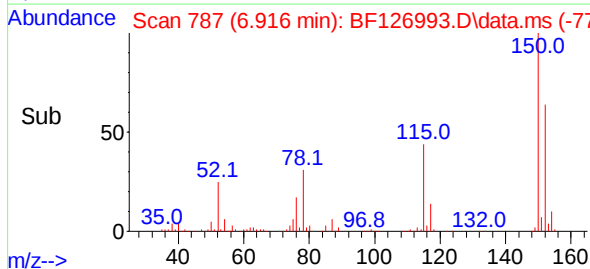
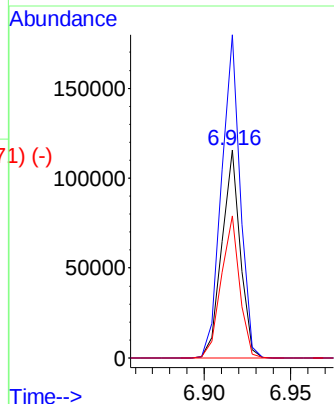
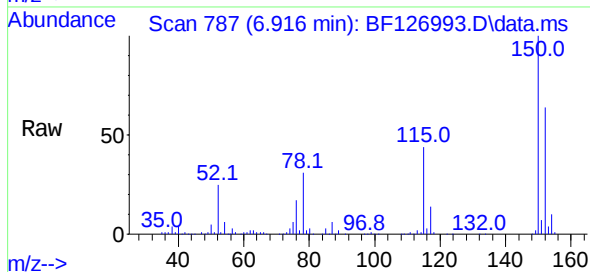




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

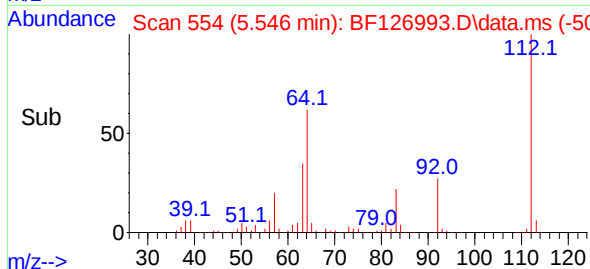
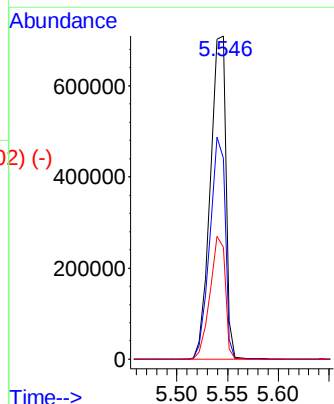
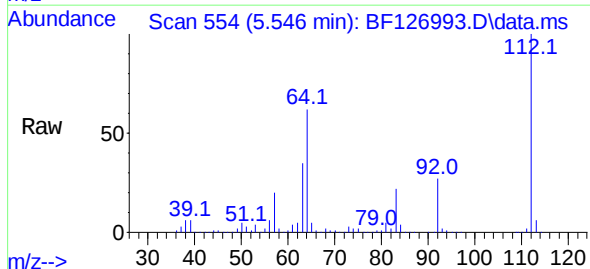
Instrument :
 BNA_F
 ClientSampleId :

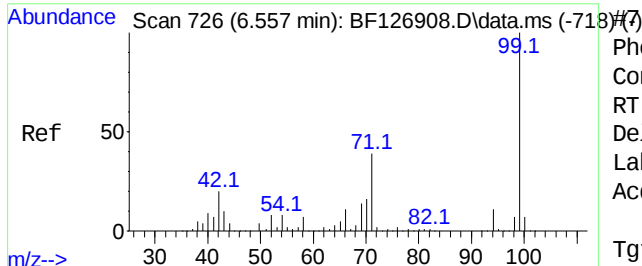
Tgt Ion:152 Resp: 86543
 Ion Ratio Lower Upper
 152 100
 150 155.3 128.1 192.1
 115 68.2 56.7 85.1



2-Fluorophenol
 Concen: 135.669 ng
 RT: 5.546 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

Tgt Ion:112 Resp: 759669
 Ion Ratio Lower Upper
 112 100
 64 62.2 49.5 74.3
 63 34.6 23.9 35.9

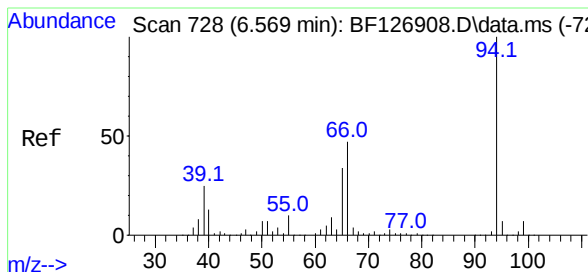
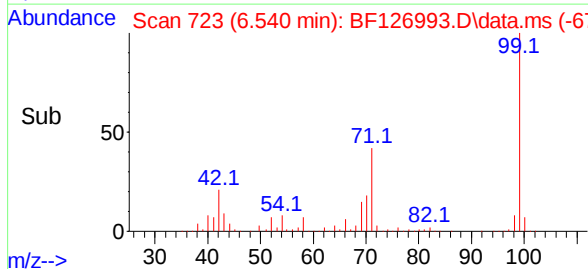
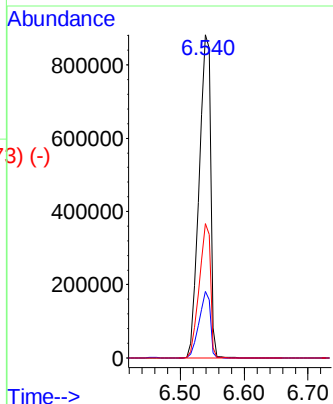
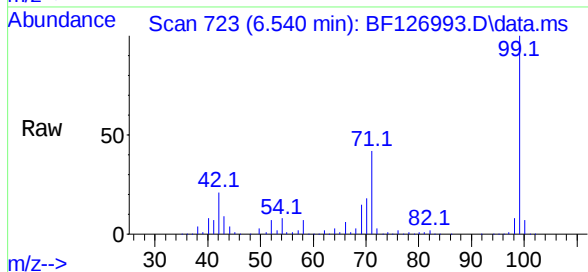




Phenol-d6
 Concen: 147.359 ng
 RT: 6.540 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

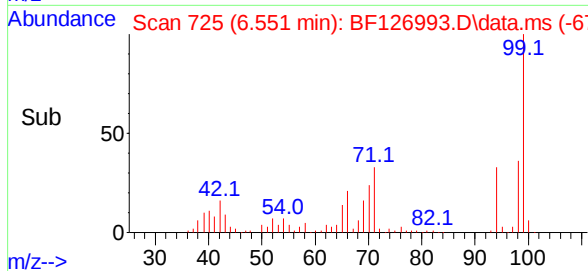
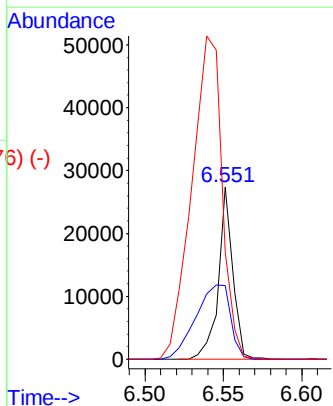
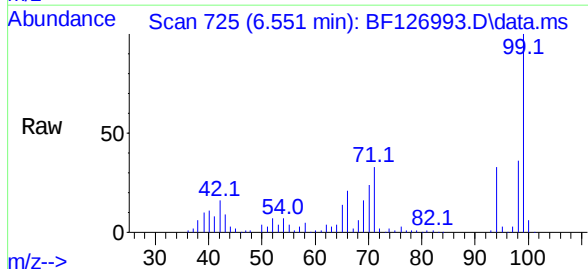
Instrument :
 BNA_F
 ClientSampleId :

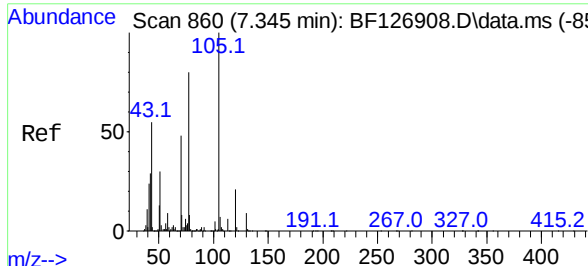
Tgt Ion: 99 Resp: 1113386
 Ion Ratio Lower Upper
 99 100
 42 20.6 14.2 21.4
 71 41.5 24.3 36.5#



Phenol
 Concen: 2.287 ng
 RT: 6.551 min Scan# 725
 Delta R.T. -0.012 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

Tgt Ion: 94 Resp: 17459
 Ion Ratio Lower Upper
 94 100
 65 42.6 7.2 47.2
 66 62.2 14.5 54.5#

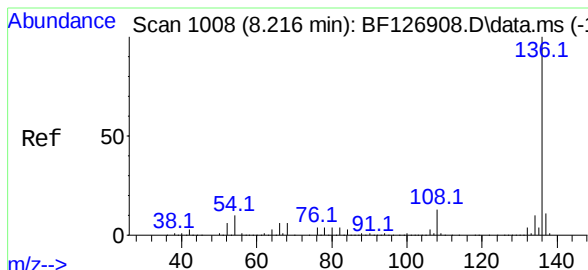
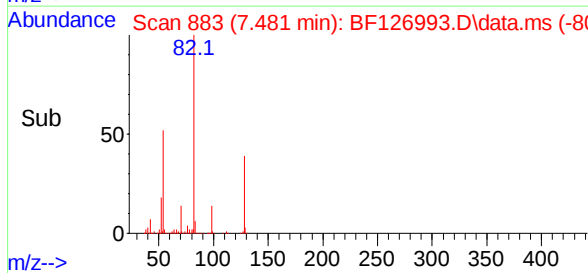
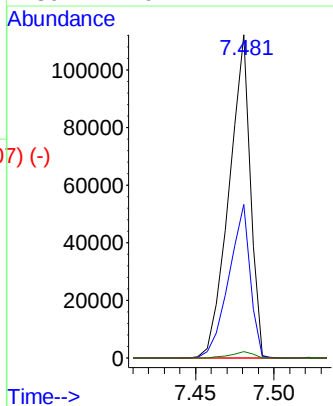
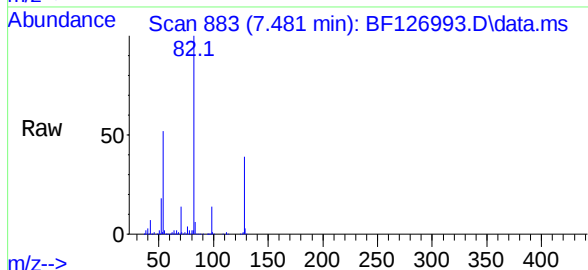




#19
n-Nitroso-di-n-propylamine
Concen: 21.710 ng
RT: 7.481 min Scan# 819
Delta R.T. 0.147 min
Lab File: BF126993.D
Acq: 22 Feb 2022 00:32

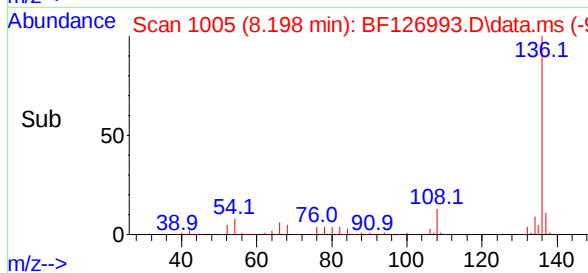
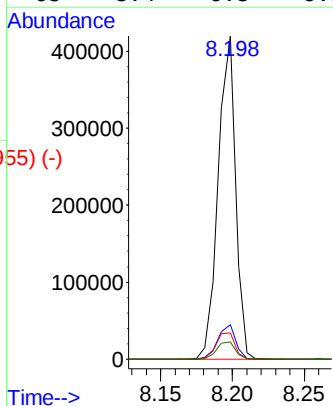
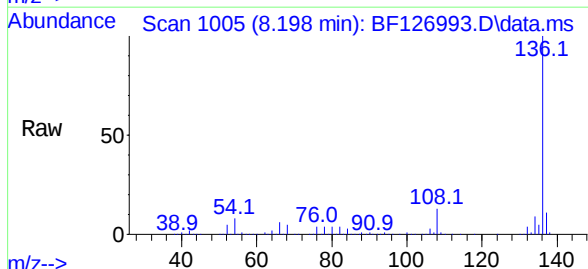
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	70	Resp:	105697
Ion	Ratio	Lower	Upper
70	100		
42	47.5	45.8	68.8
101	0.0	6.9	10.3#
130	2.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126993.D
Acq: 22 Feb 2022 00:32

Tgt Ion:	136	Resp:	350344
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	7.8	11.6
68	5.4	6.3	9.5#



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

Nitrobenzene-d5

Concen: 100.539 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

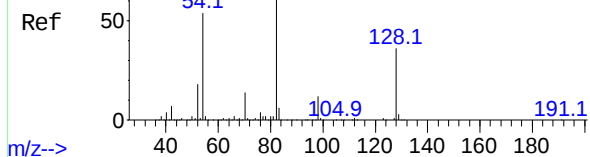
Lab File: BF126993.D

Acq: 22 Feb 2022 00:32

Instrument :

BNA_F

ClientSampleId :



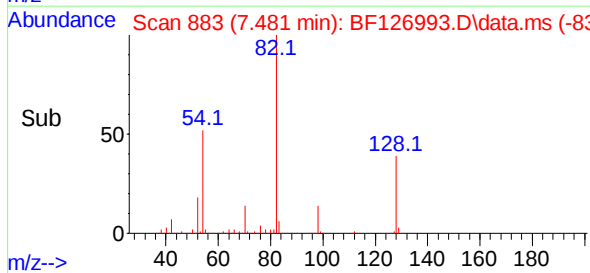
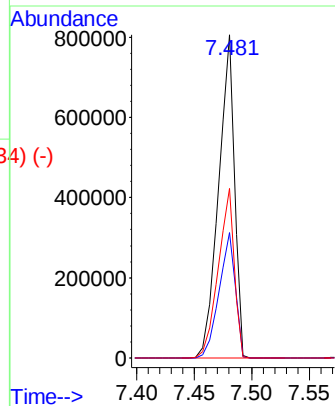
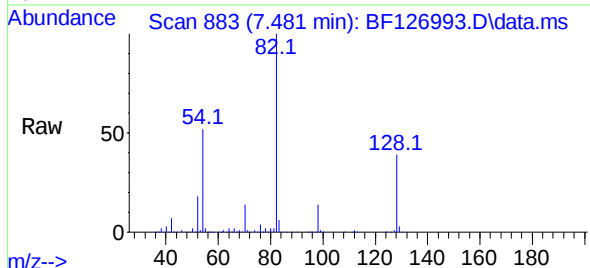
Tgt Ion: 82 Resp: 780357

Ion Ratio Lower Upper

82 100

128 38.8 32.7 49.1

54 52.4 41.7 62.5



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

Isophorone

Concen: 60.714 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.265 min

Lab File: BF126993.D

Acq: 22 Feb 2022 00:32

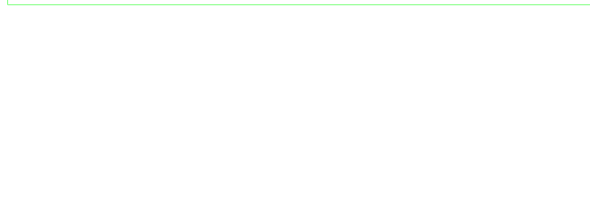
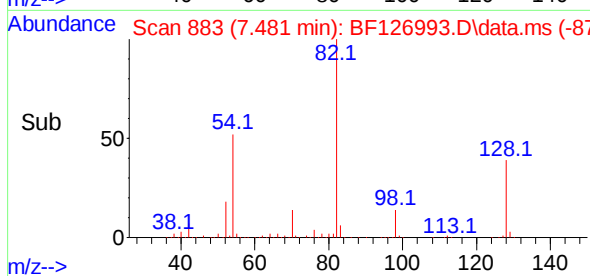
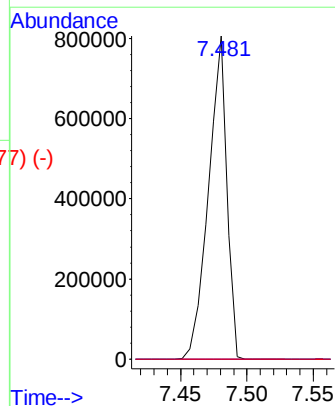
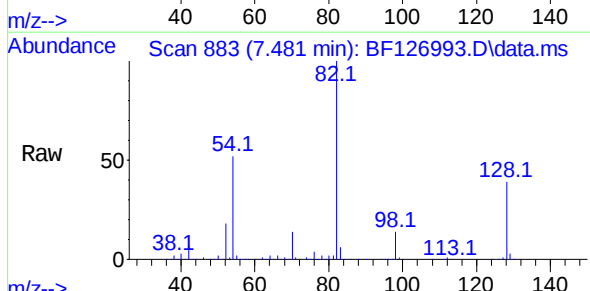
Tgt Ion: 82 Resp: 779792

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 (-1307.9)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.012 min

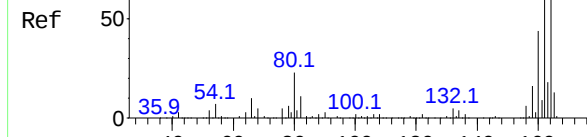
Lab File: BF126993.D

Acq: 22 Feb 2022 00:32

Instrument :

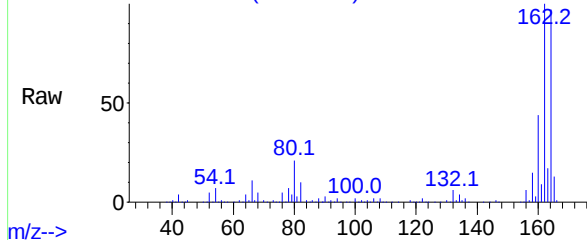
BNA_F

ClientSampleId :



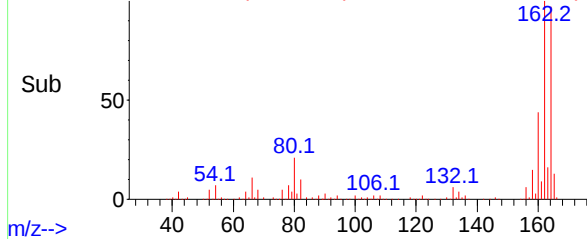
m/z-->

Abundance Scan 1303 (9.951 min): BF126993.D\data.ms



m/z-->

Abundance Scan 1303 (9.951 min): BF126993.D\data.ms (-1254) (-)



m/z-->

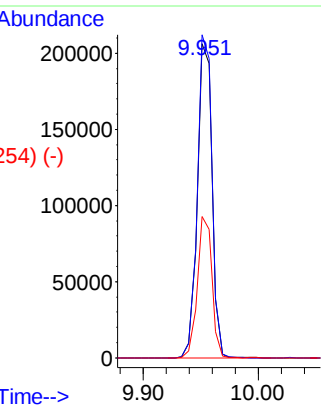
Tgt Ion:164 Resp: 184115

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.0

160 45.0 36.6 54.8



Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1442.3)

2,4,6-Tribromophenol

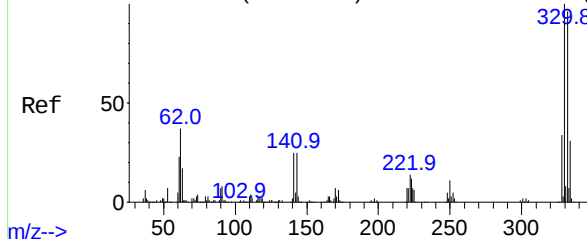
Concen: 94.624 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

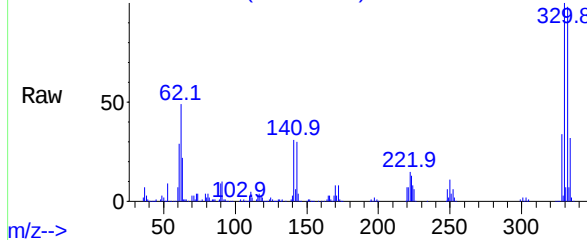
Lab File: BF126993.D

Acq: 22 Feb 2022 00:32



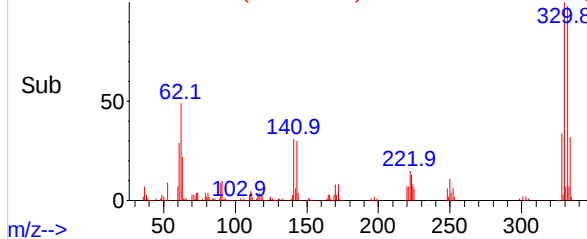
m/z-->

Abundance Scan 1438 (10.745 min): BF126993.D\data.ms



m/z-->

Abundance Scan 1438 (10.745 min): BF126993.D\data.ms (-1388) (-)



m/z-->

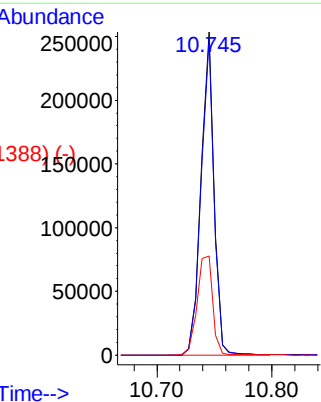
Tgt Ion:330 Resp: 200588

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 36.5 30.1 45.1



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-11851-)

2-Fluorobiphenyl

Concen: 92.085 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

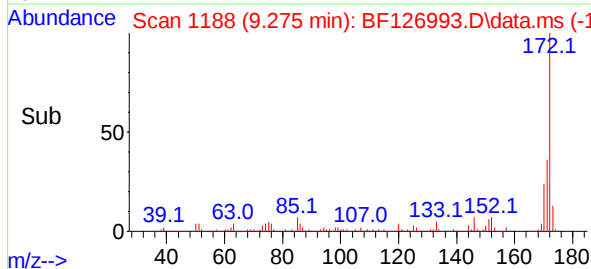
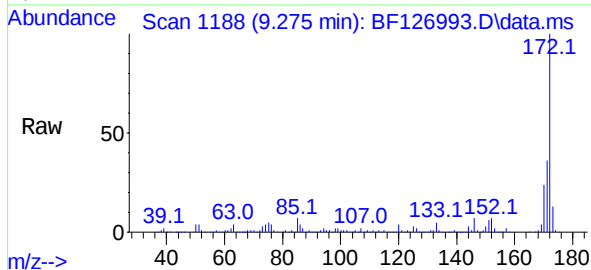
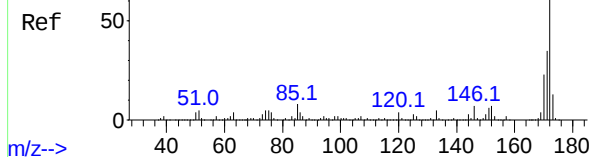
Lab File: BF126993.D

Acq: 22 Feb 2022 00:32

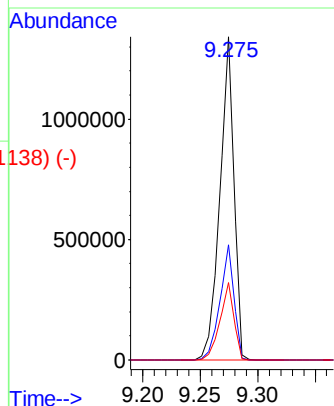
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	172	Resp:	1151657
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.0	19.0	28.6



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

2,6-Dinitrotoluene

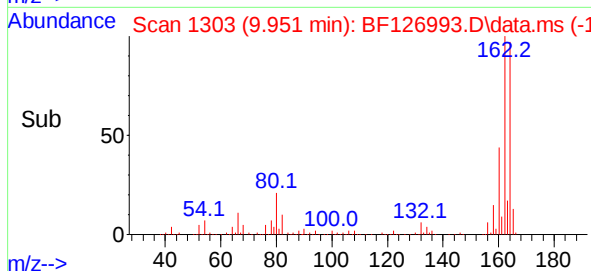
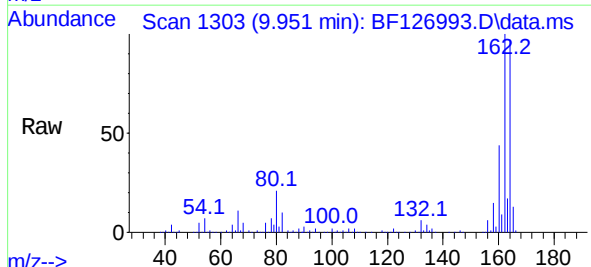
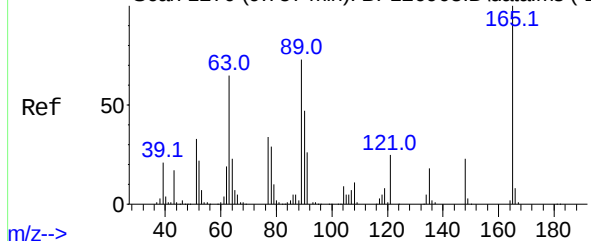
Concen: 8.948 ng

RT: 9.951 min Scan# 1303

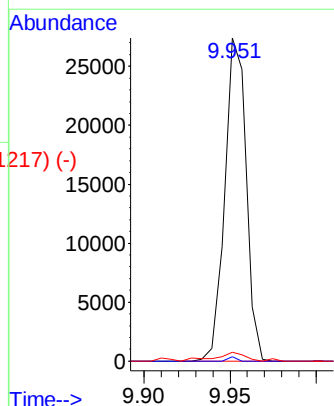
Delta R.T. 0.206 min

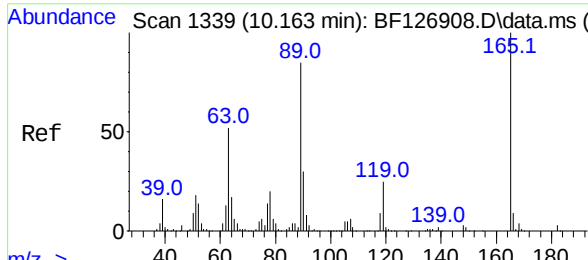
Lab File: BF126993.D

Acq: 22 Feb 2022 00:32



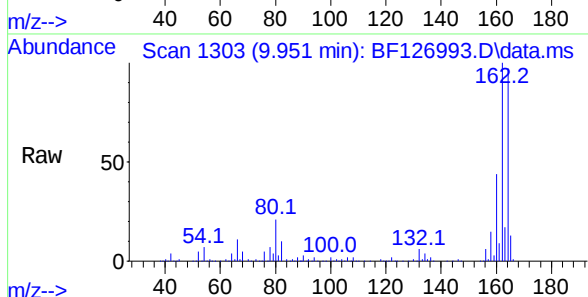
Tgt Ion:	165	Resp:	23958
Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.4	72.6#
89	2.8	50.5	75.7#



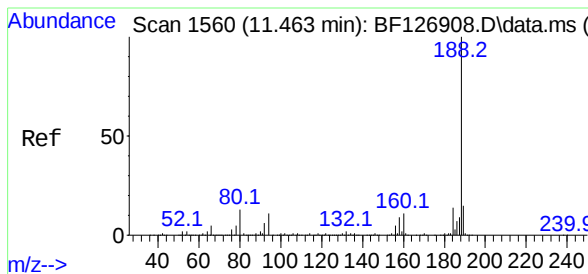
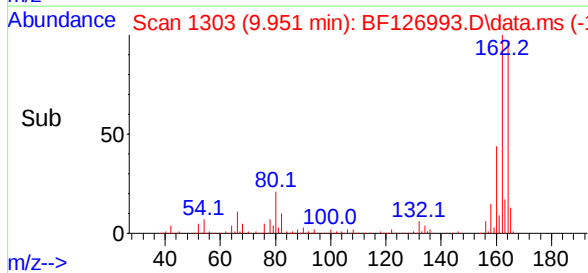
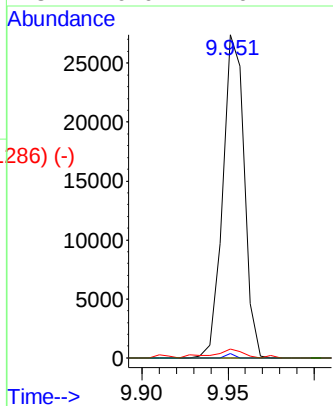


Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)
 2,4-Dinitrotoluene
 Concen: 6.618 ng
 RT: 9.951 min Scan# 1339
 Delta R.T. -0.200 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

Instrument :
 BNA_F
 ClientSampleId :

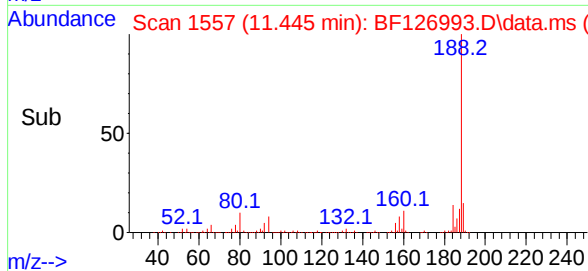
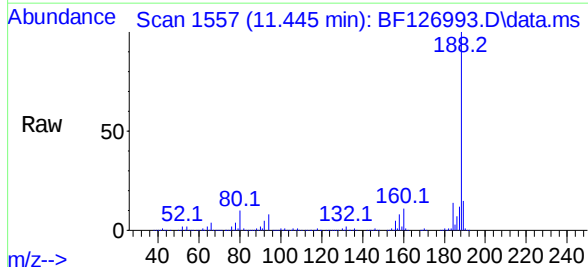
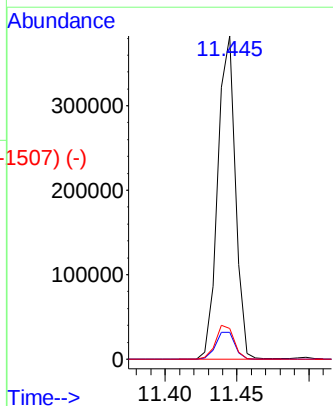


Tgt Ion:	165	Resp:	23958
Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.0	64.6#
89	2.8	71.0	106.4#
182	0.0	1.6	2.4#



Scan 1560 (11.463 min): BF126908.D\data.ms (-1564) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. -0.006 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

Tgt Ion:	188	Resp:	325168
Ion	Ratio	Lower	Upper
188	100		
94	8.3	10.1	15.1#
80	9.5	11.8	17.6#



Abundance Scan 1482 (11.004 min): BF126908.D\data.ms (-1482) (-)

4-Bromophenyl-phenylether

Concen: 3.256 ng

RT: 10.745 min Scan# 1482

Delta R.T. -0.247 min

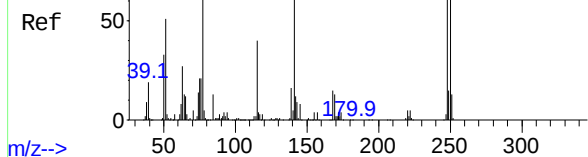
Lab File: BF126993.D

Acq: 22 Feb 2022 00:32

Instrument :

BNA_F

ClientSampleId :



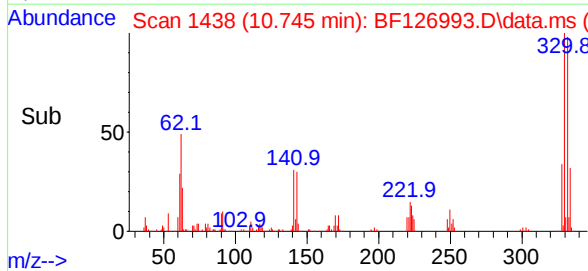
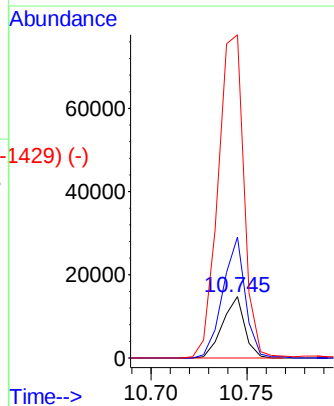
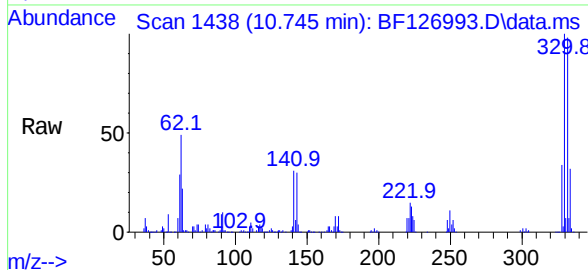
Tgt Ion:248 Resp: 11829

Ion Ratio Lower Upper

248 100

250 196.9 76.2 114.4#

141 527.0 66.2 99.4#



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

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2006

Delta R.T. -0.012 min

Lab File: BF126993.D

Acq: 22 Feb 2022 00:32

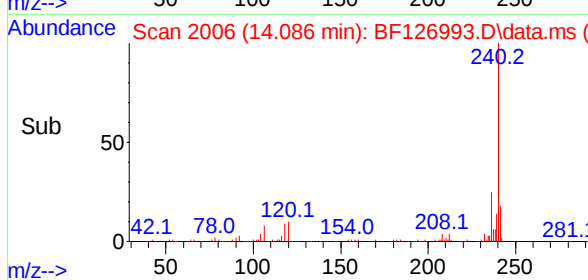
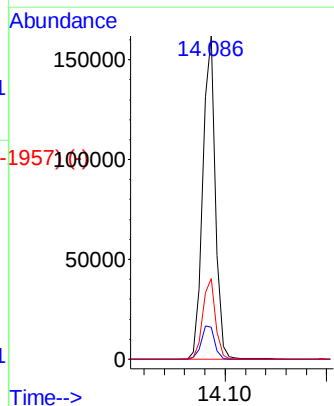
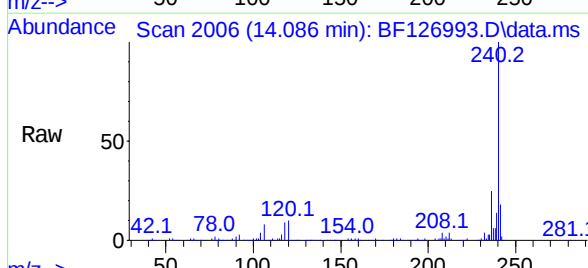
Tgt Ion:240 Resp: 139010

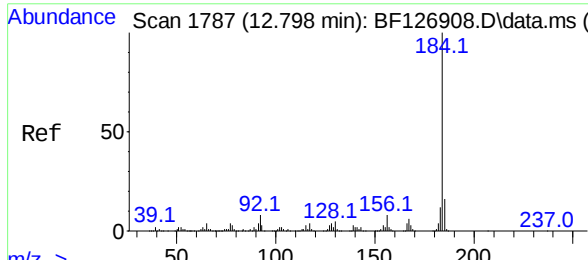
Ion Ratio Lower Upper

240 100

120 9.9 14.4 21.6#

236 25.0 20.5 30.7

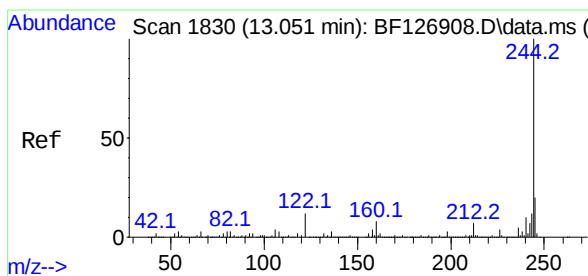
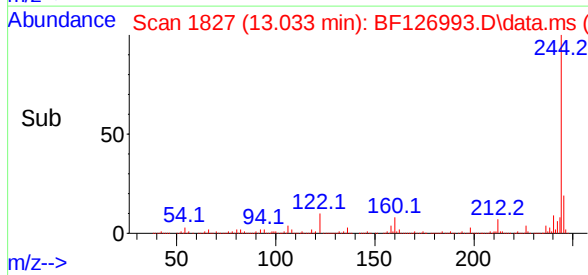
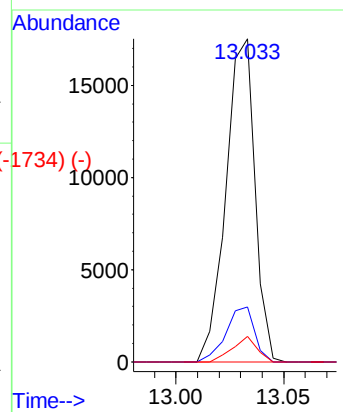
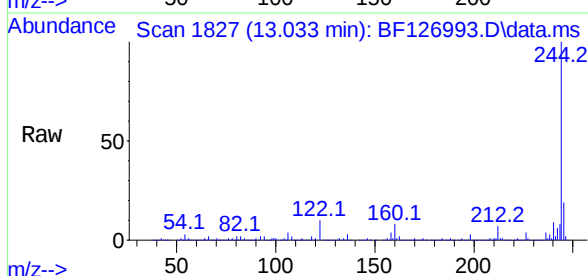




Benzidine
 Concen: 4.376 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. 0.247 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

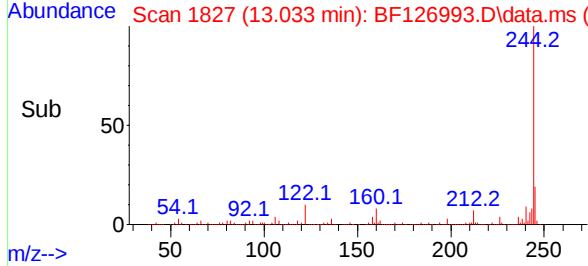
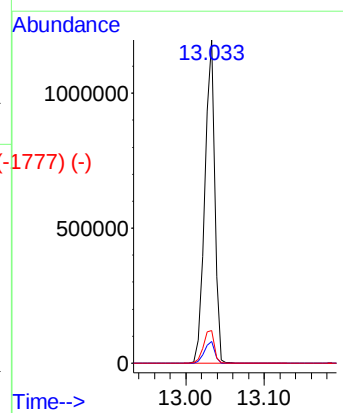
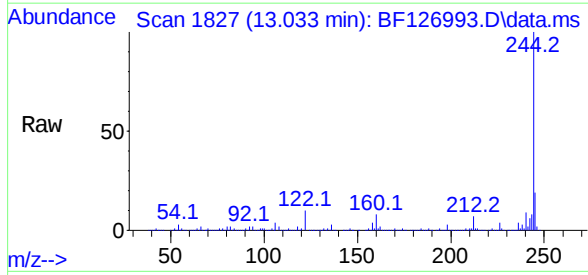
Instrument : BNA_F
 ClientSampleId :

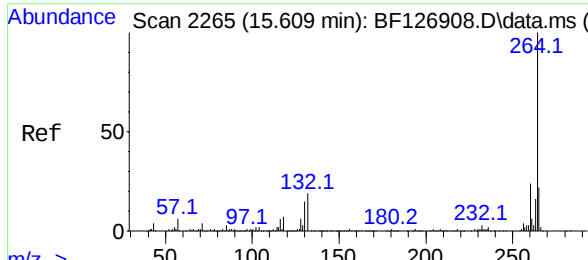
Tgt Ion:	184	Resp:	16530
Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.8	17.8
183	8.0	8.2	12.2#



Terphenyl-d14
 Concen: 110.525 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

Tgt Ion:	244	Resp:	1045146
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	10.1	13.3	19.9#





Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF126993.D
 Acq: 22 Feb 2022 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	264	Resp:	151710
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	17.4	26.2

