

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119240.D
 Acq On : 6 Mar 2020 4:51
 Operator : CG/JU
 Sample : L1717-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:34:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

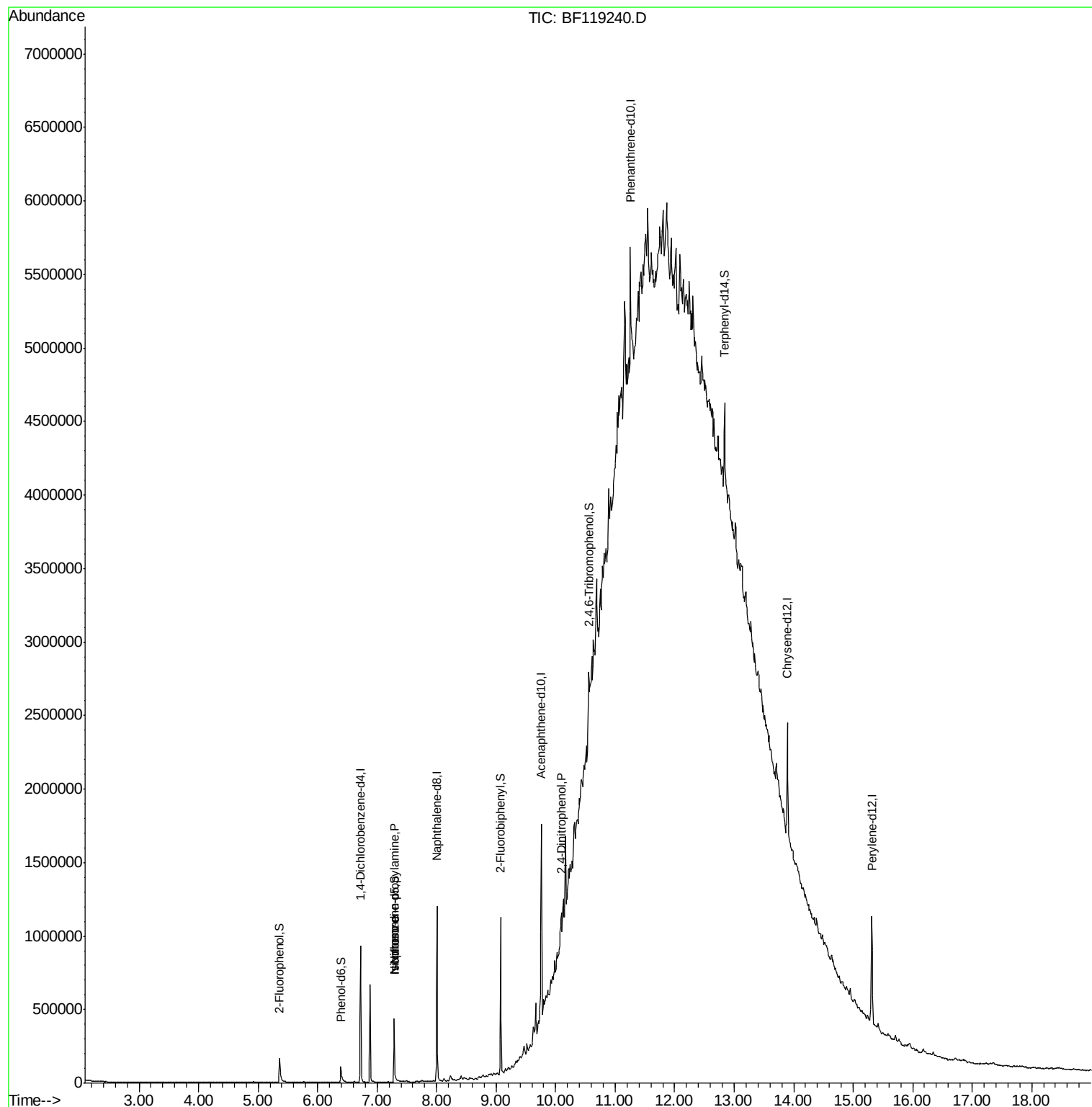
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144533	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	544964	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	264093	20.00	ng	-0.03
64) Phenanthrene-d10	11.26	188	304496	20.00	ng	0.00
76) Chrysene-d12	13.90	240	250970	20.00	ng	0.00
87) Perylene-d12	15.32	264	316964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	91357	10.56	ng	-0.01
7) Phenol-d6	6.39	99	67772	6.44	ng	-0.02
23) Nitrobenzene-d5	7.29	82	158473	15.35	ng	-0.04
42) 2,4,6-Tribromophenol	10.56	330	61823	17.89	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	332943	18.57	ng	-0.03
79) Terphenyl-d14	12.84	244	206337	14.15	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	21335	3.481	ng	# 76
25) Isophorone	7.29	82	158472	8.841	ng	# 63
54) 2,4-Dinitrophenol	10.09	184	583	7.718	ng	# 1

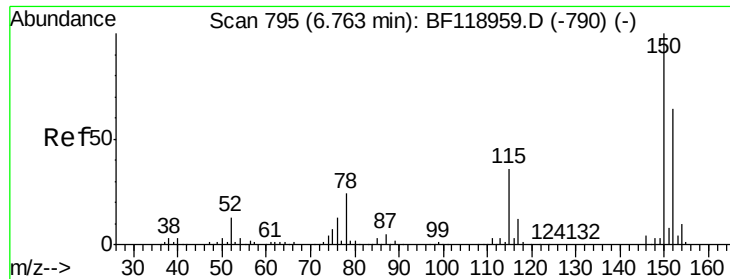
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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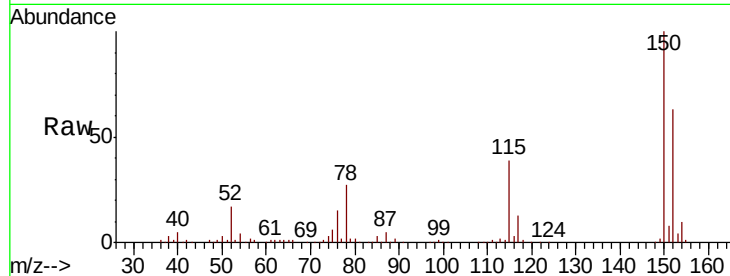


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119240.D
Acq: 6 Mar 2020 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.6
115	62.0	49.5	74.3

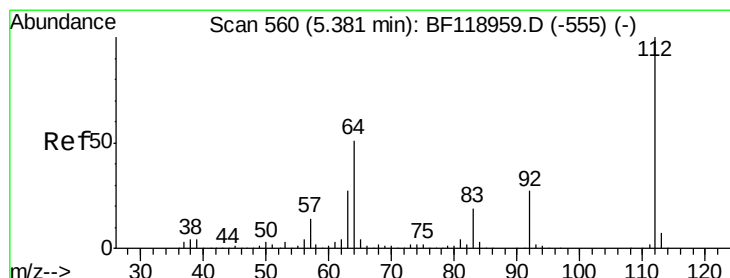
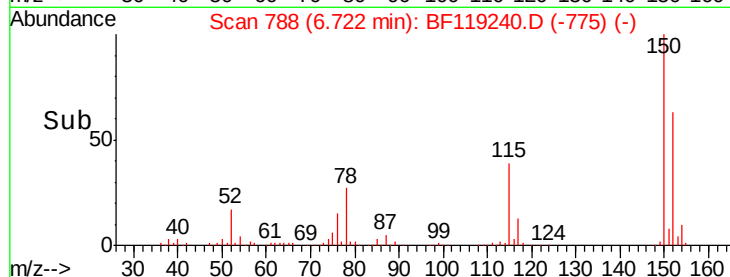
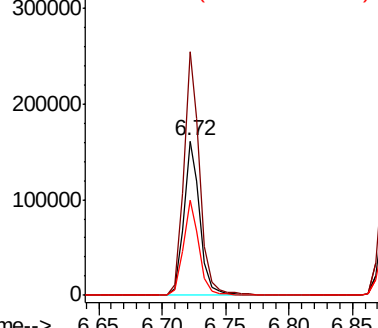


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

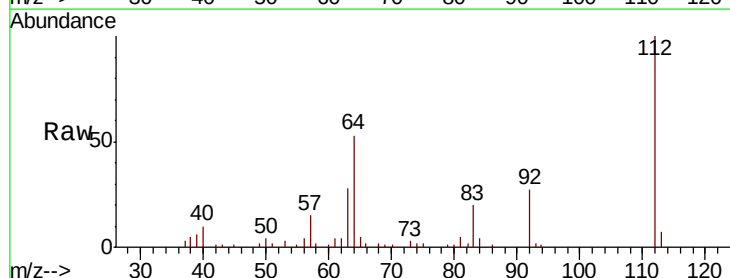
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.563 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119240.D
Acq: 6 Mar 2020 4:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	45.0	67.4
63	28.3	24.2	36.4

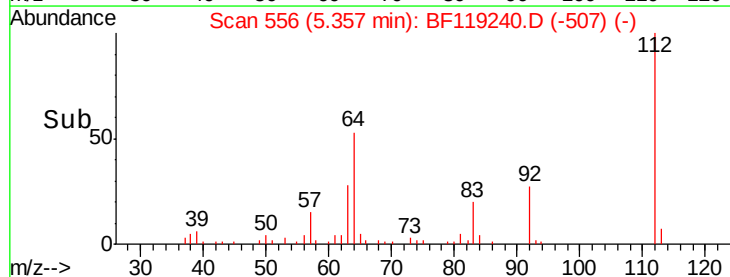
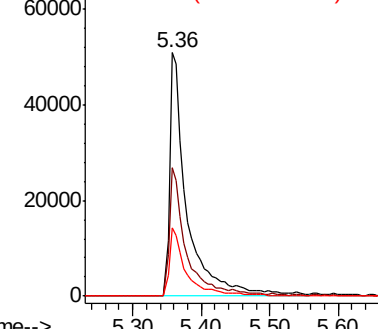


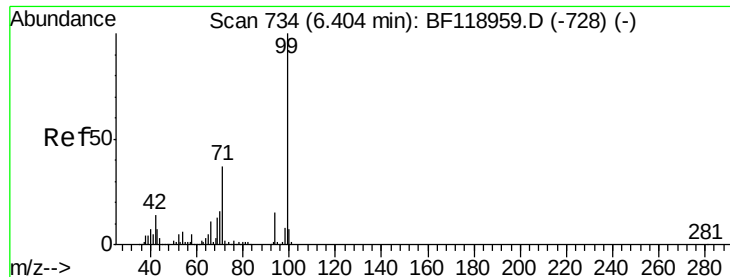
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 6.443 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

BNA_F

ClientSampled :

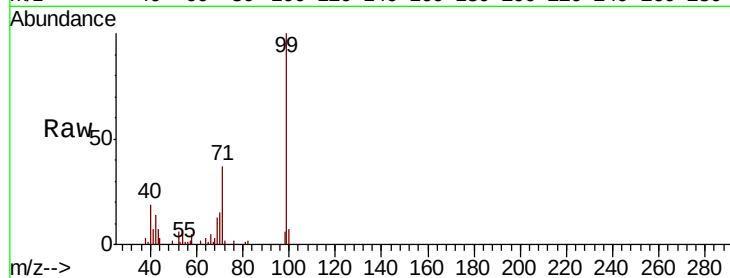
Tot Ion: 99 Resp: 67772

Ion Ratio Lower Upper

99 100

42 13.7 12.6 18.8

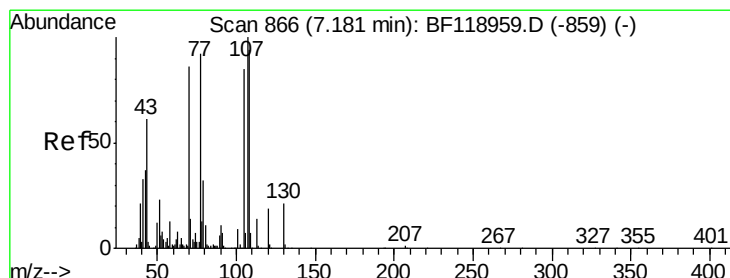
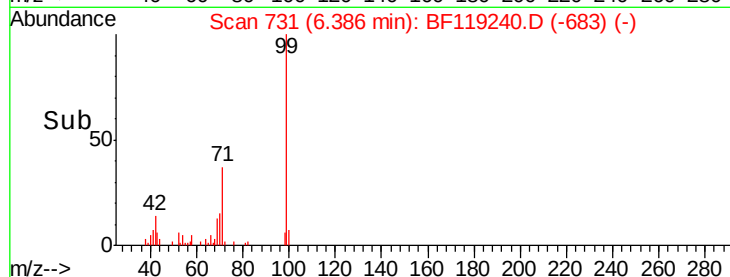
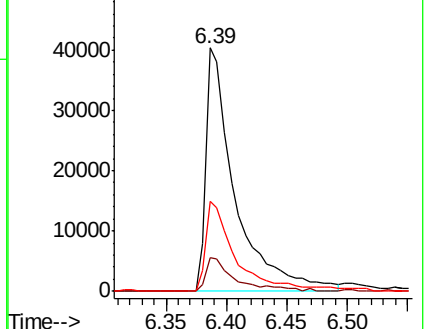
71 36.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 3.481 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Tgt Ion: 70 Resp: 21335

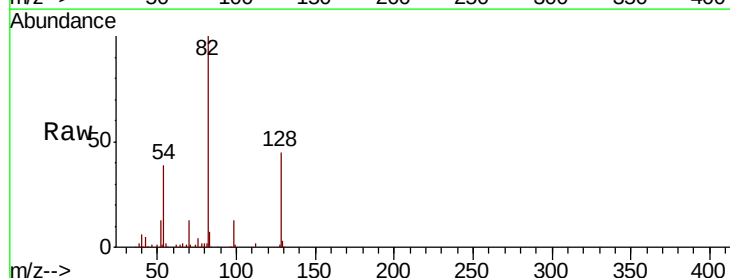
Ion Ratio Lower Upper

70 100

42 38.4 38.0 57.0

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

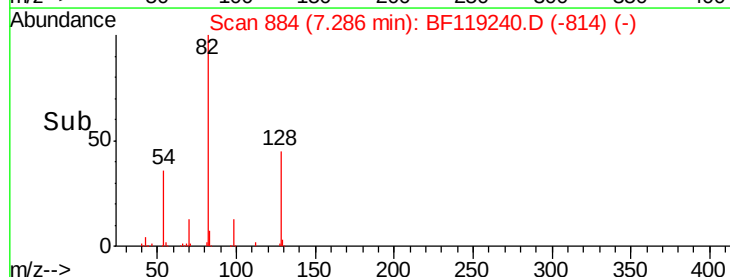
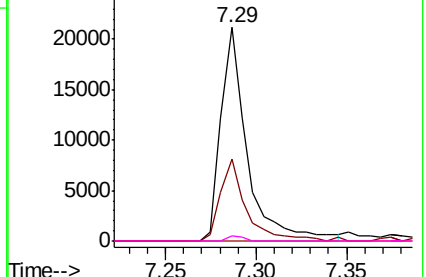


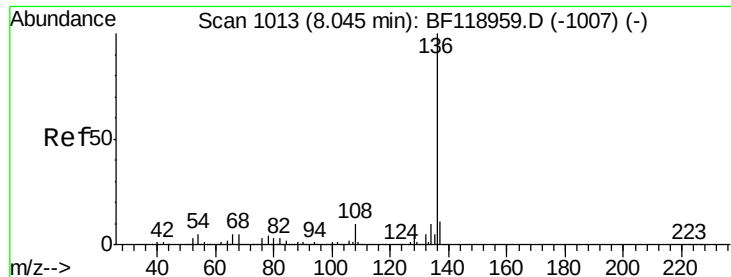
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

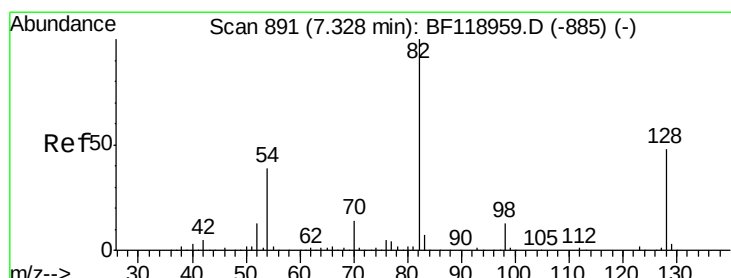
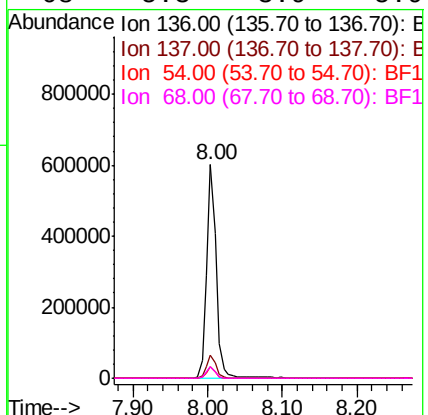
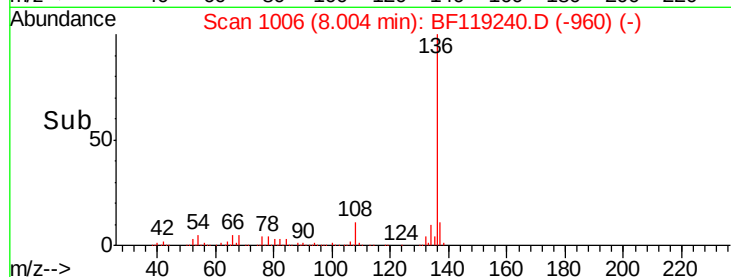
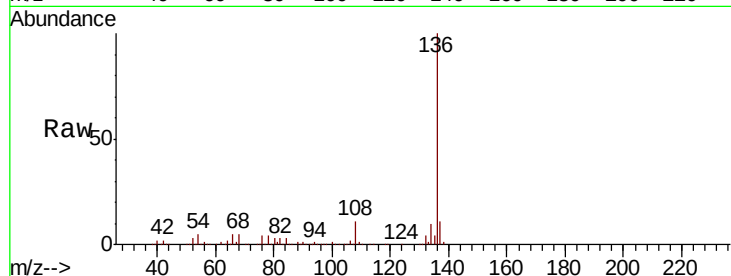




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119240.D
Acq: 6 Mar 2020 4:51

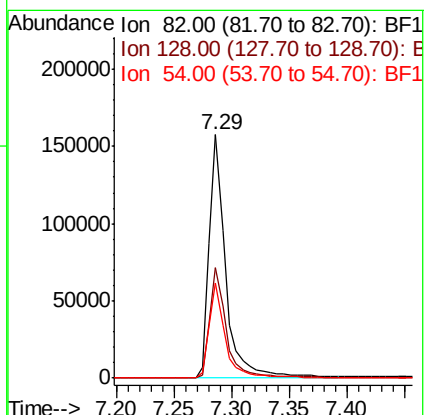
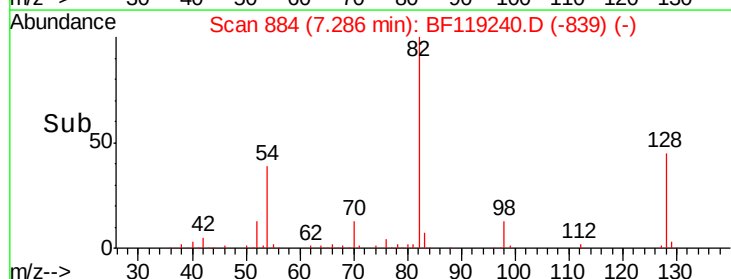
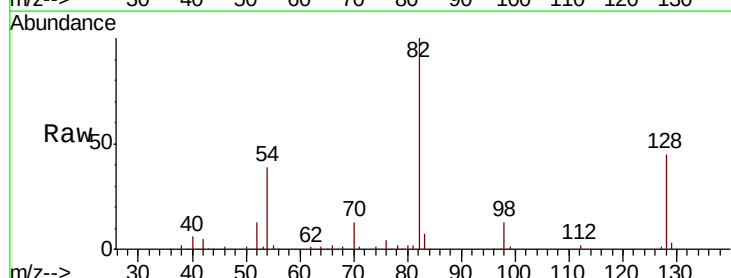
Instrument :
BNA_F
ClientSampleId :

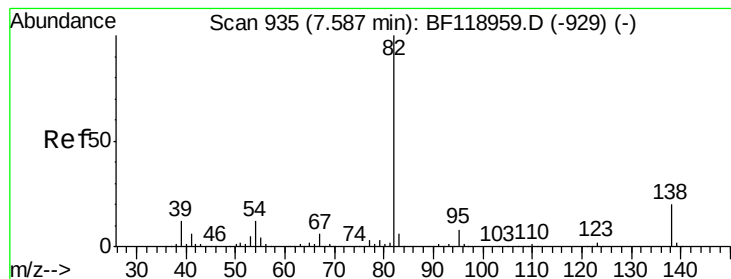
Tot Ion:136	Resp:	544964
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	5.3	3.8 5.6
68	5.3	3.9 5.9



#23
Nitrobenzene-d5
Concen: 15.354 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119240.D
Acq: 6 Mar 2020 4:51

Tgt Ion: 82	Resp:	158473
Ion	Ratio	Lower Upper
82	100	
128	45.4	37.9 56.9
54	39.2	33.4 50.2





#25

Isophorone

Concen: 8.841 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

Instrument :

BNA_F

ClientSampleId :

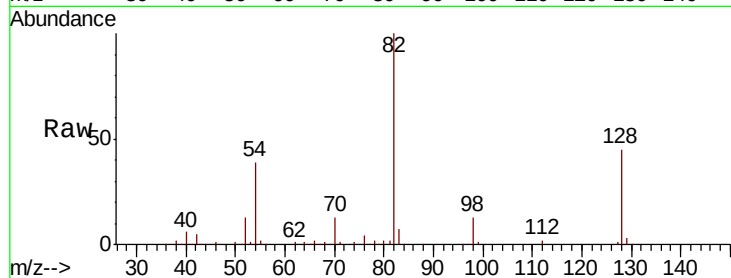
Tot Ion: 82 Resp: 158472

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

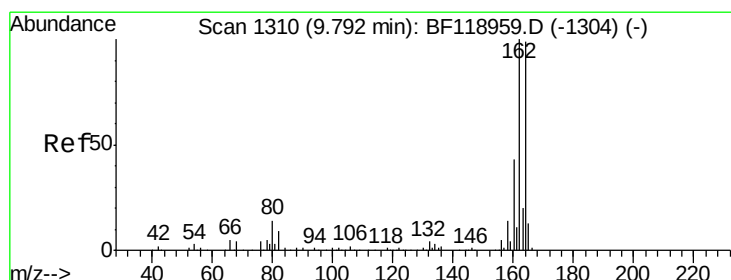
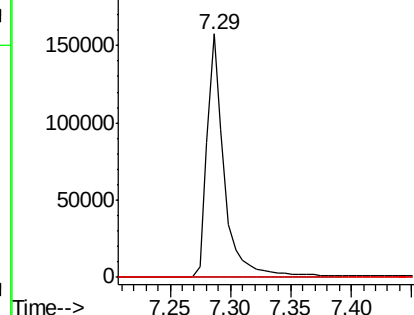
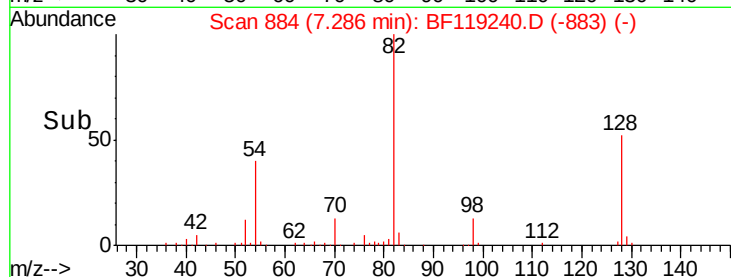
138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF119240.D

Acq: 6 Mar 2020 4:51

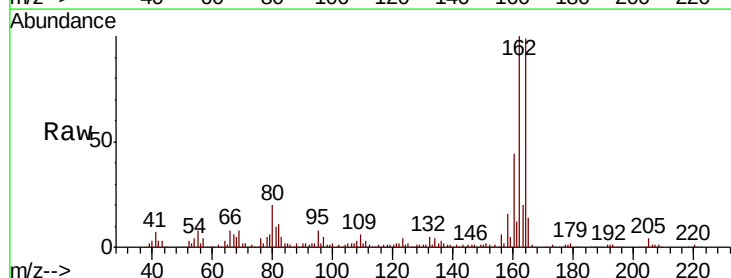
Tgt Ion:164 Resp: 264093

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.8

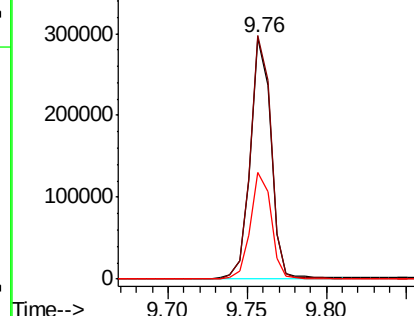
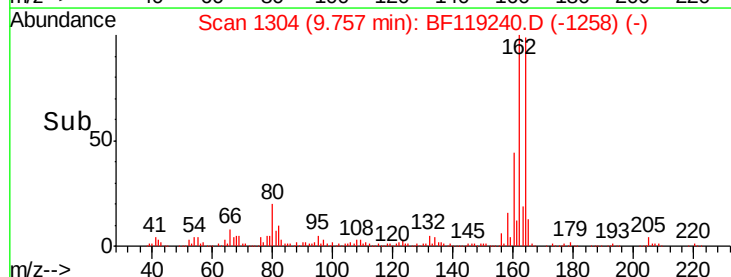
160 44.2 36.0 54.0

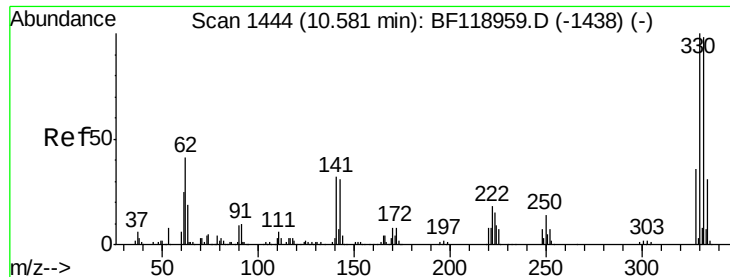


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

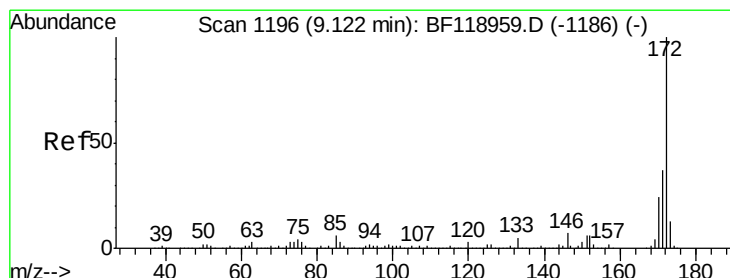
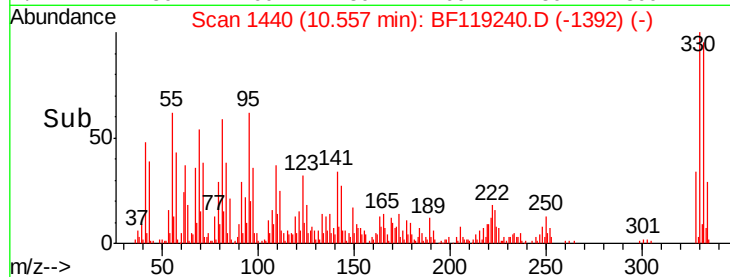
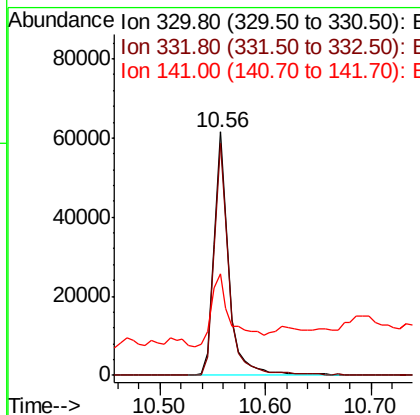
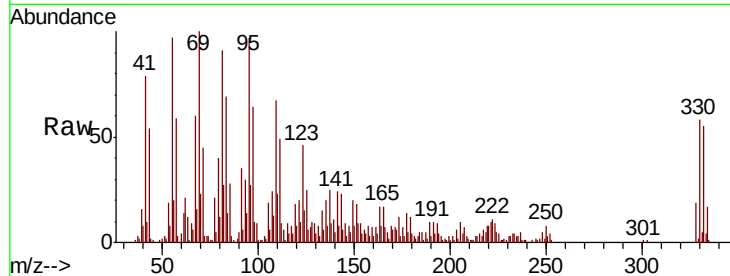




#42
 2,4,6-Tribromophenol
 Concen: 17.895 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119240.D
 Acq: 6 Mar 2020 4:51

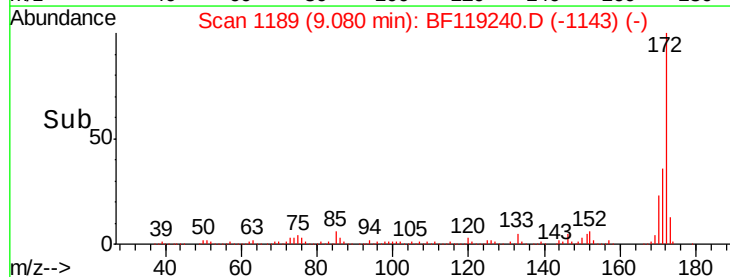
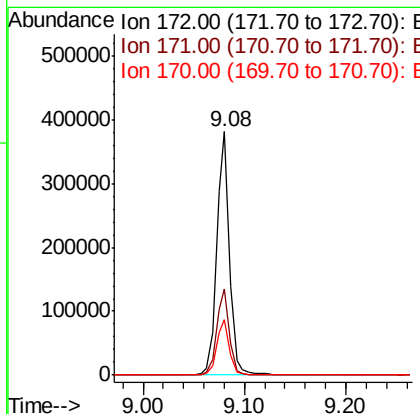
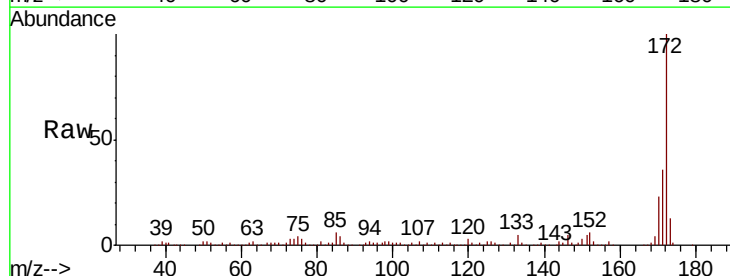
Instrument :
 BNA_F
 ClientSampled :

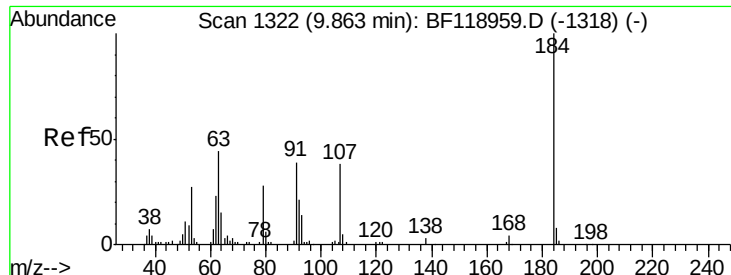
Tot Ion:330 Resp: 61823
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.0 114.0
 141 41.9 22.9 34.3#



#45
 2-Fluorobiphenyl
 Concen: 18.572 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119240.D
 Acq: 6 Mar 2020 4:51

Tgt Ion:172 Resp: 332943
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.6 45.8
 170 22.9 20.2 30.2

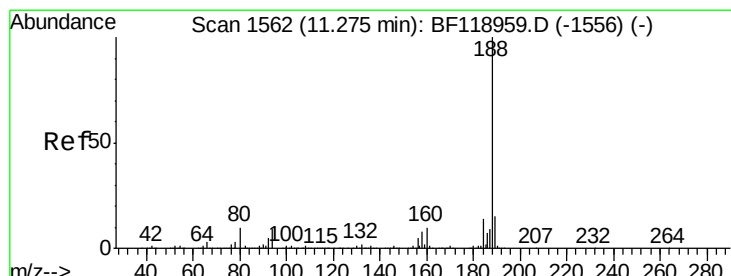
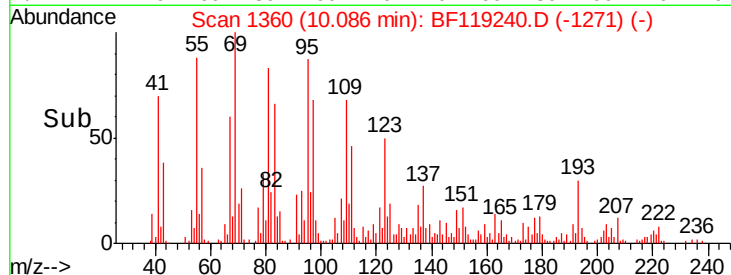
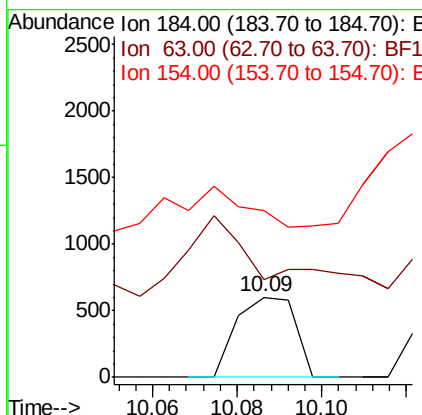
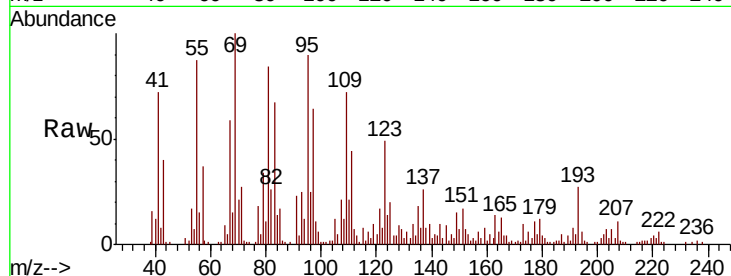




#54
 2,4-Dinitrophenol
 Concen: 7.718 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.22 min
 Lab File: BF119240.D
 Acq: 6 Mar 2020 4:51

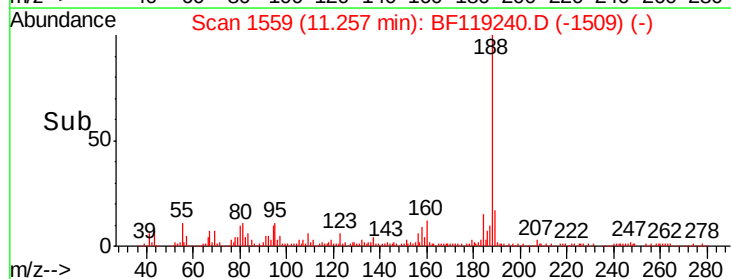
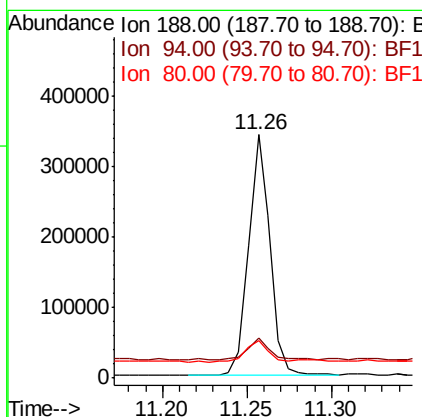
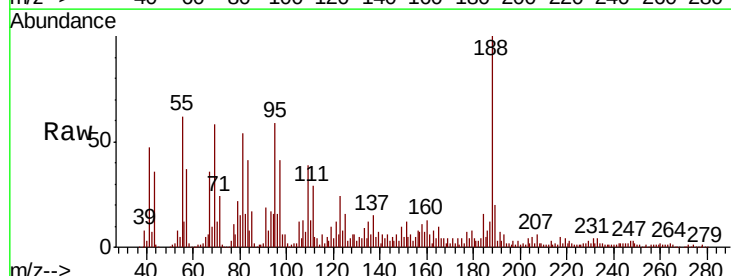
Instrument :
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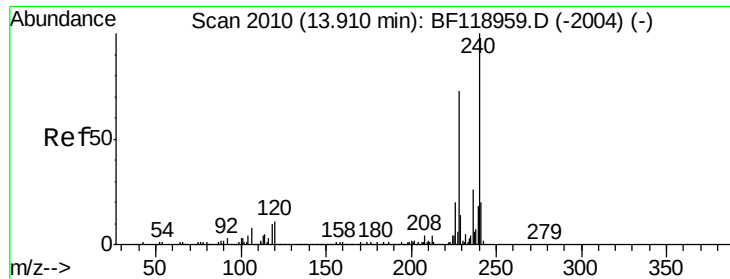
Tot Ion:184 Resp: 583
 Ion Ratio Lower Upper
 184 100
 63 122.1 38.7 58.1#
 154 208.6 49.7 74.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119240.D
 Acq: 6 Mar 2020 4:51

Tgt Ion:188 Resp: 304496
 Ion Ratio Lower Upper
 188 100
 94 16.3 7.1 10.7#
 80 15.3 7.8 11.8#

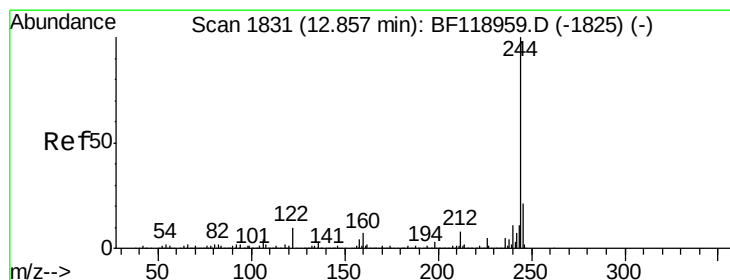
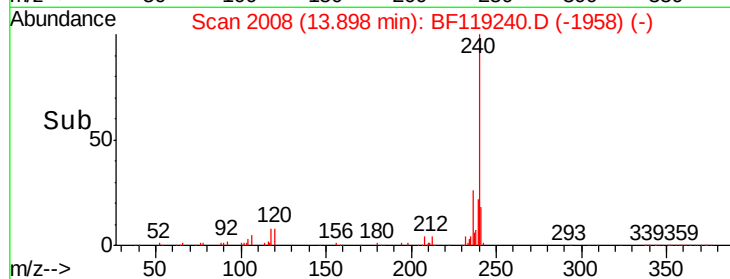
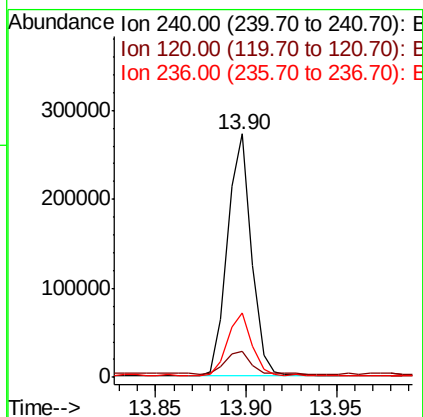
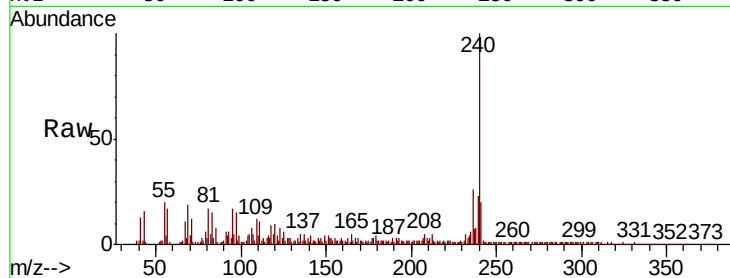




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119240.D
Acq: 6 Mar 2020 4:51

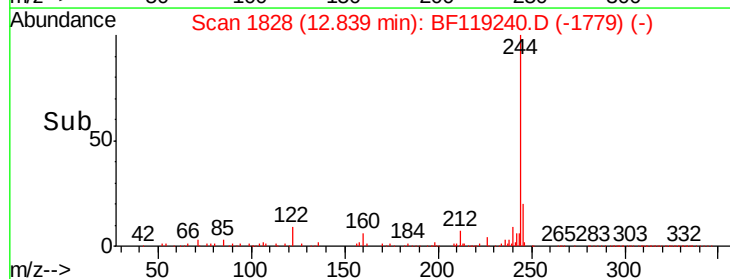
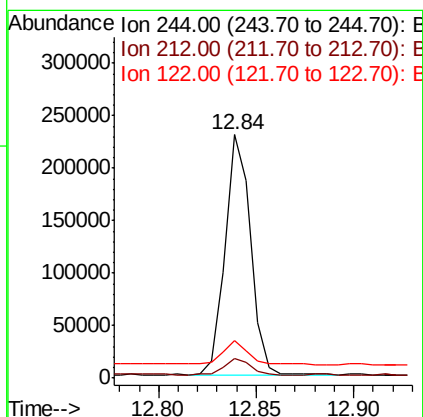
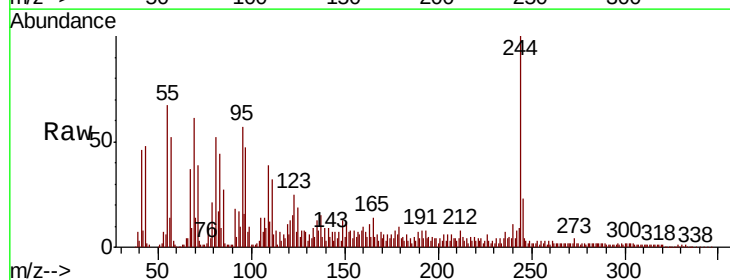
Instrument :
BNA_F
ClientSampleId :

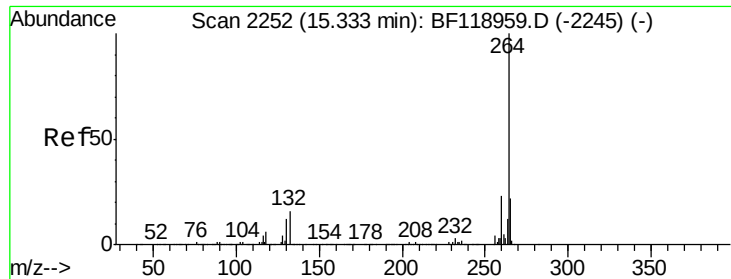
Tot Ion:240 Resp: 250970
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.4 21.0 31.4



#79
Terphenyl-d14
Concen: 14.155 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF119240.D
Acq: 6 Mar 2020 4:51

Tgt Ion:244 Resp: 206337
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 15.3 8.2 12.2#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119240.D
Acq: 6 Mar 2020 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.5	17.7	26.5

