

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116225.D
 Acq On : 13 Aug 2019 12:17
 Operator : HP/JU
 Sample : PB122181BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BL

Quant Time: Aug 13 23:17:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

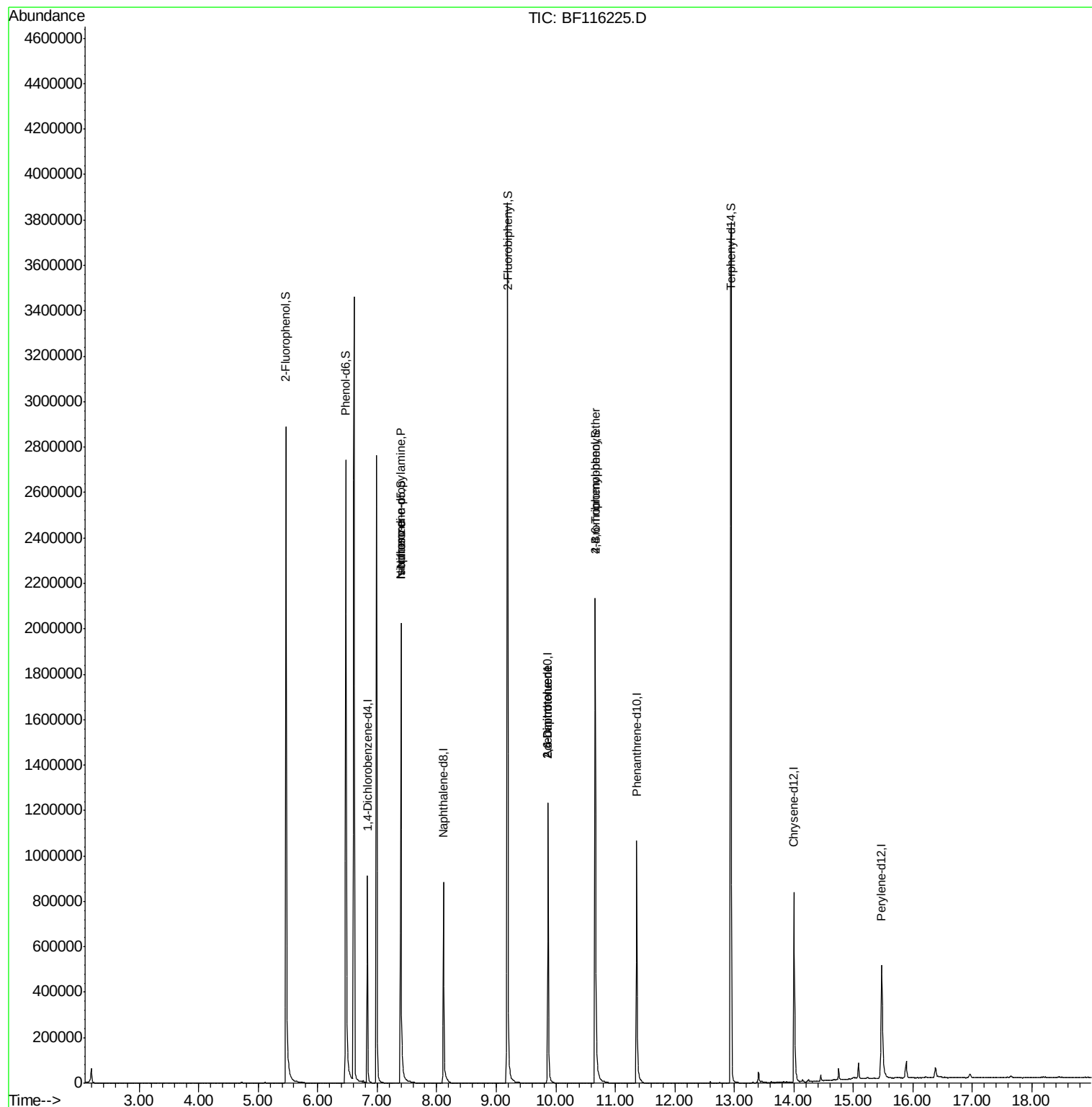
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132892	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	523908	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	281831	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	505347	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	359442	20.00	ng	0.00
87) Perylene-d12	15.47	264	338548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	962160	121.20	ng	0.00
7) Phenol-d6	6.47	99	1271352	126.94	ng	-0.01
23) Nitrobenzene-d5	7.40	82	820873	90.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	337801	123.63	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1423262	94.59	ng	-0.01
79) Terphenyl-d14	12.94	244	1572442	92.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	108337	17.456	ng	# 79
25) Isophorone	7.40	82	812202	46.799	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	35381	8.484	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	35381	6.372	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	20219	3.738	ng	# 1

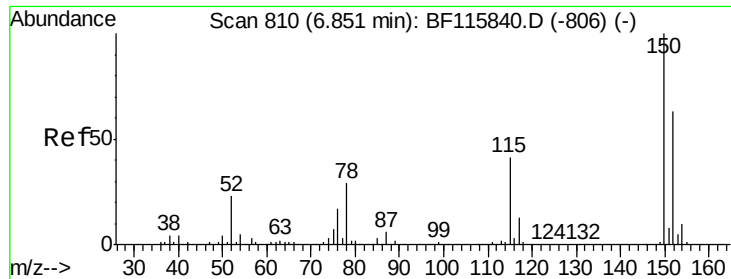
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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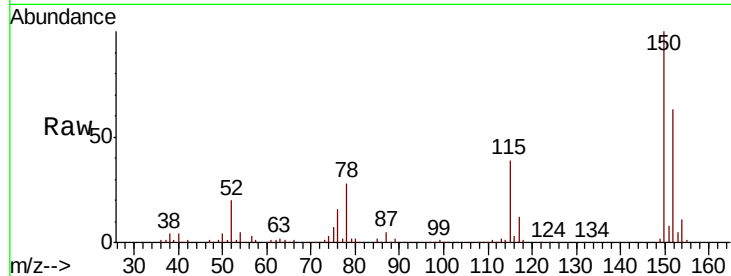




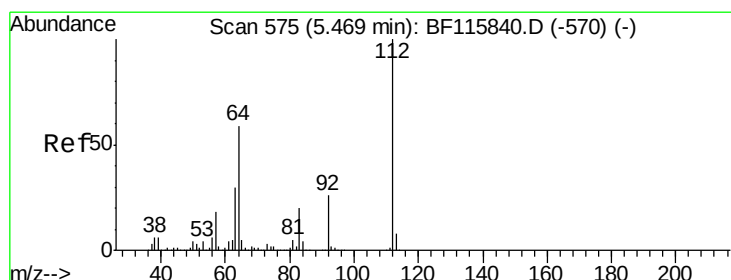
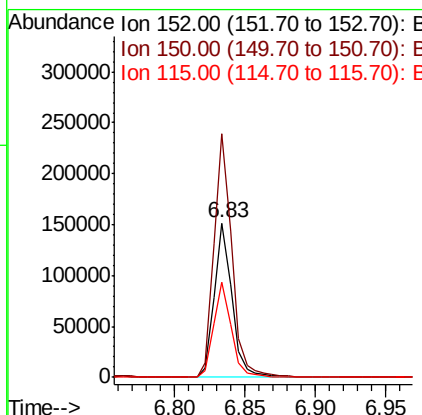
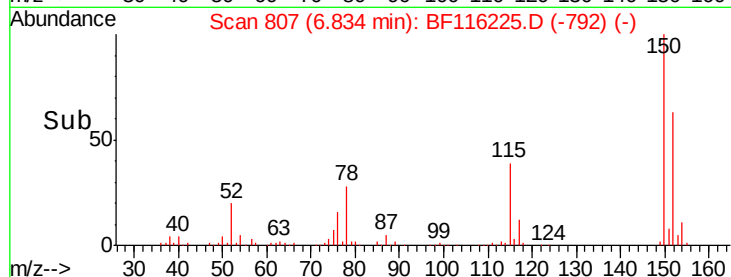
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122181BL

Tgt Ion:152 Resp: 132892
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 61.7 49.9 74.9

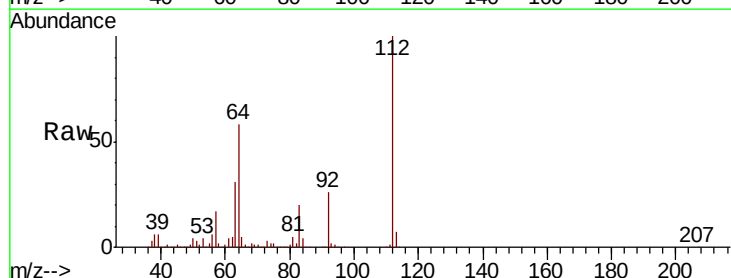


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

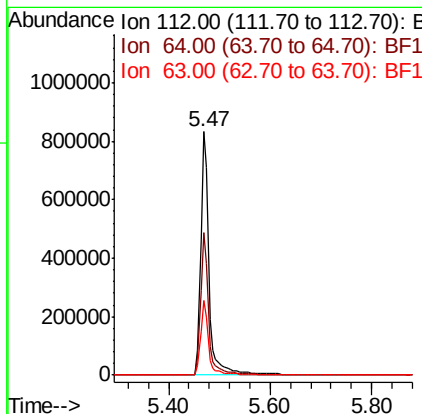
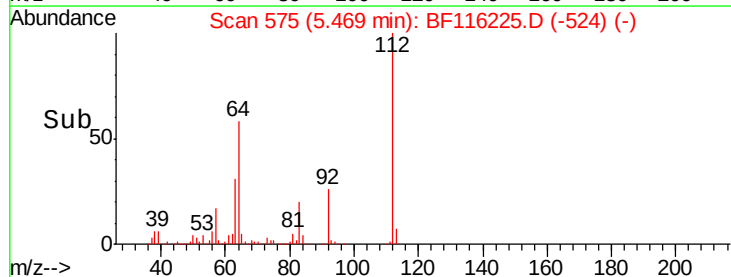


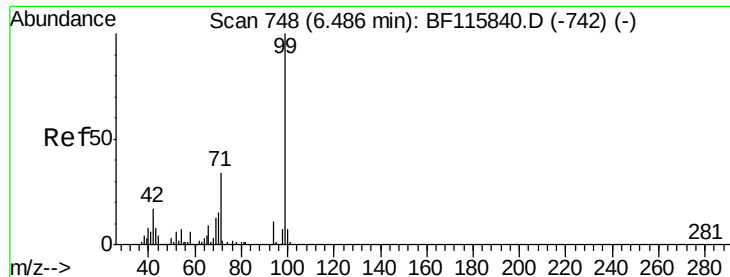
#5
 2-Fluorophenol
 Concen: 121.205 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

Tgt Ion:112 Resp: 962160
 Ion Ratio Lower Upper
 112 100
 64 58.5 45.4 68.2
 63 30.7 23.7 35.5



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: 126.938 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB122181BL

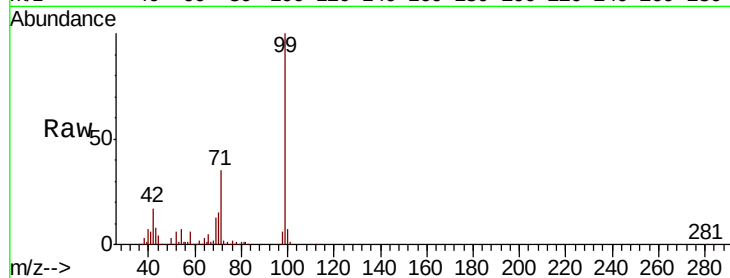
Tgt Ion: 99 Resp: 1271352

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

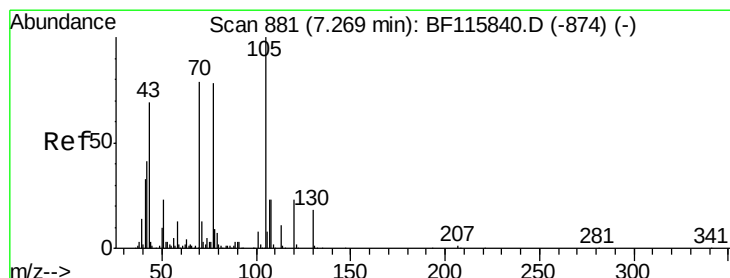
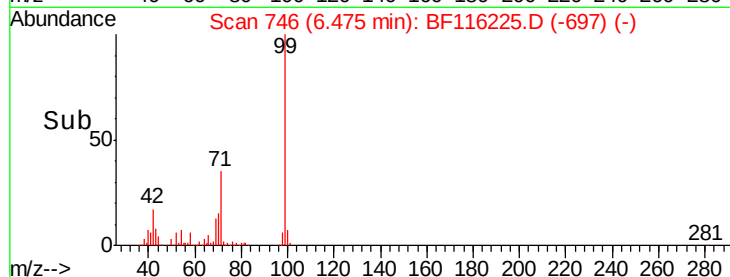
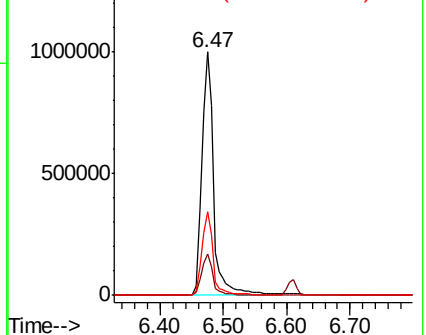
71 34.6 27.3 40.9



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: 17.456 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Tgt Ion: 70 Resp: 108337

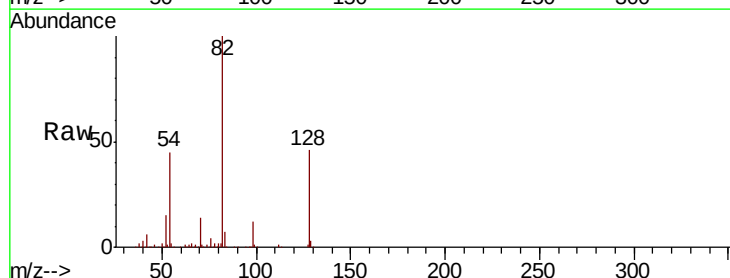
Ion Ratio Lower Upper

70 100

42 42.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

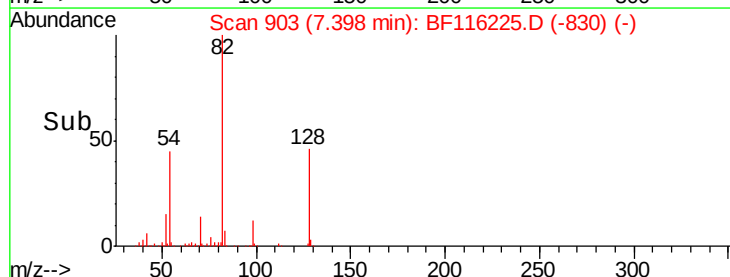
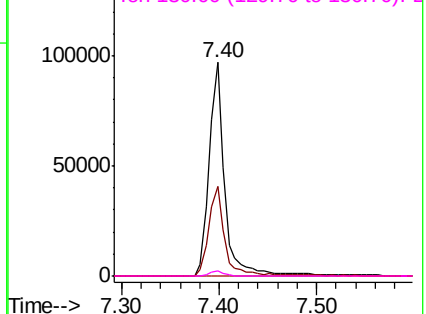


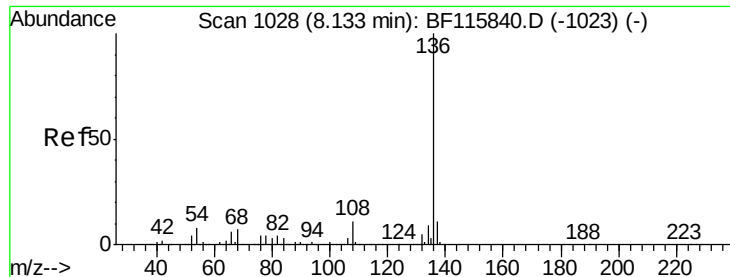
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

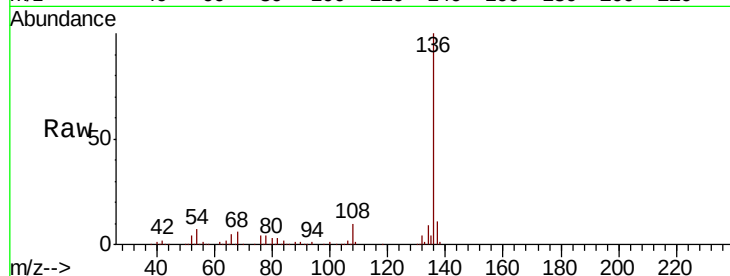




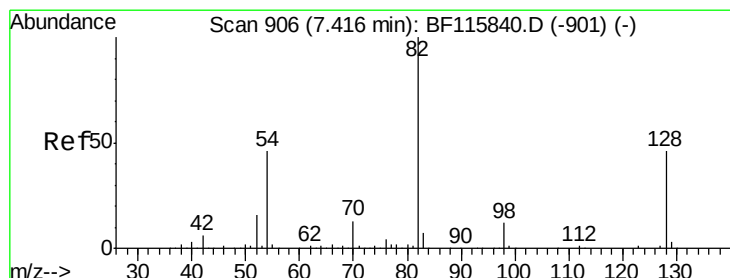
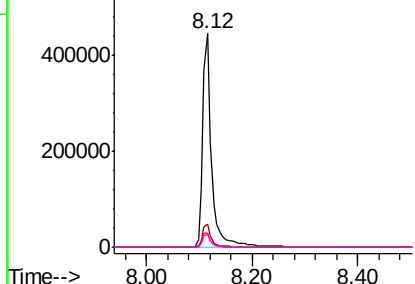
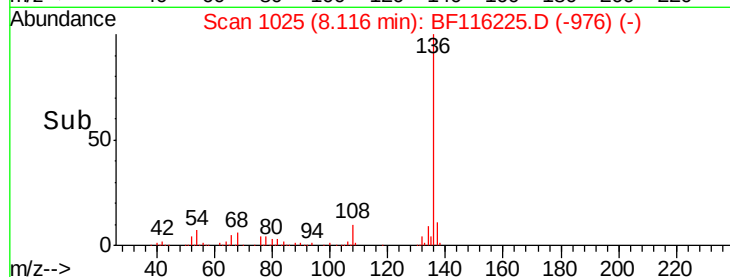
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116225.D
Acq: 13 Aug 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB122181BL

Tgt Ion:	136	Resp:	523908
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	5.8	8.6
68	6.0	5.2	7.8

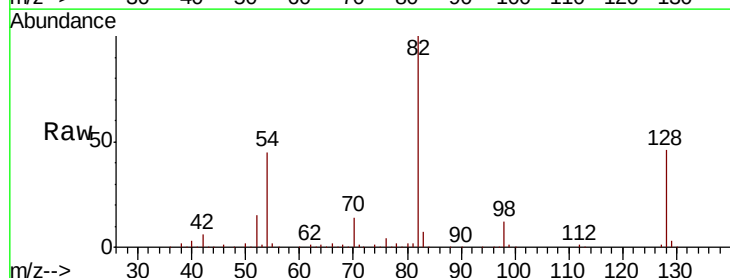


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

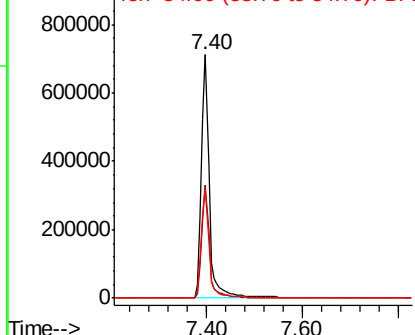
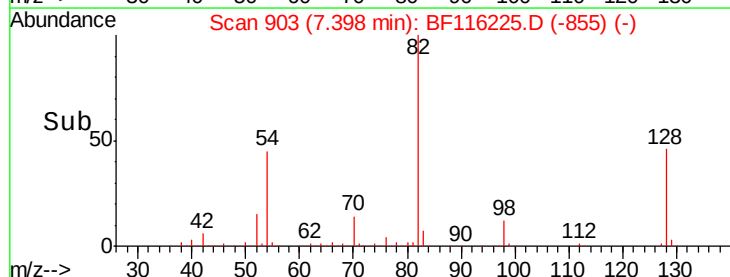


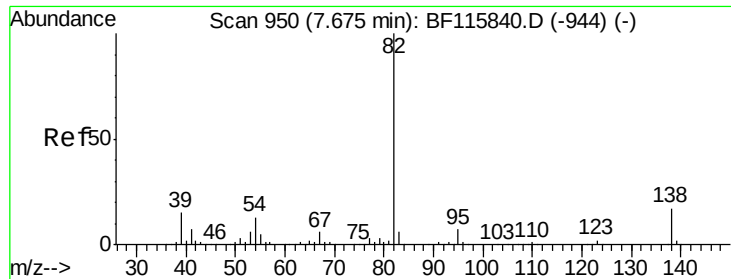
#23
Nitrobenzene-d5
Concen: 90.442 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116225.D
Acq: 13 Aug 2019 12:17

Tgt Ion:	82	Resp:	820873
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	45.3	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.799 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB122181BL

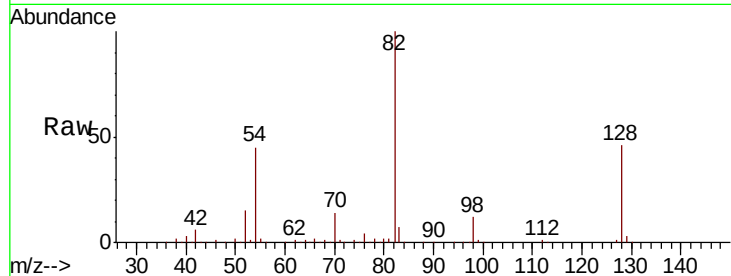
Tgt Ion: 82 Resp: 812202

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

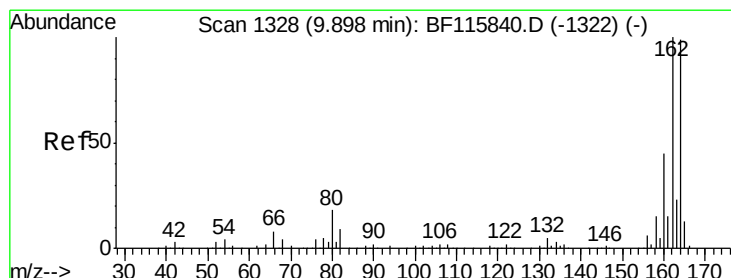
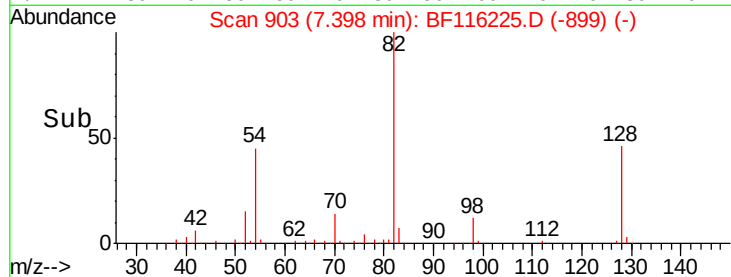
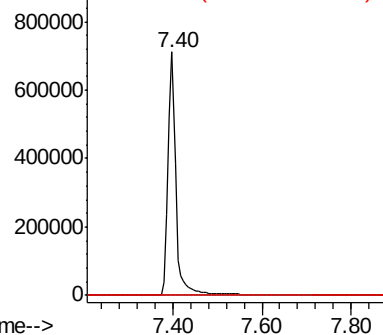
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

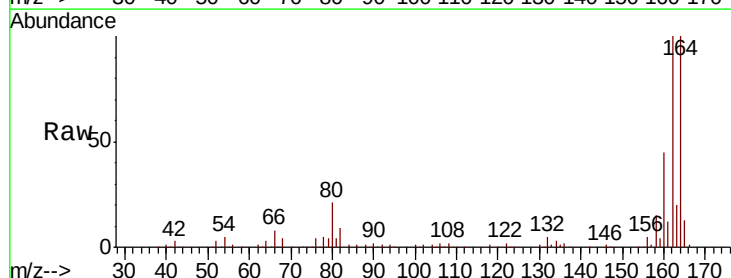
Tgt Ion: 164 Resp: 281831

Ion Ratio Lower Upper

164 100

162 100.4 82.6 124.0

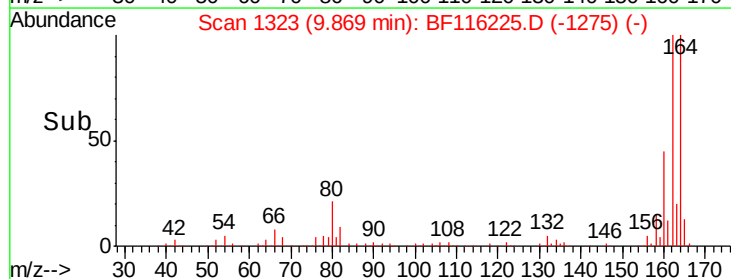
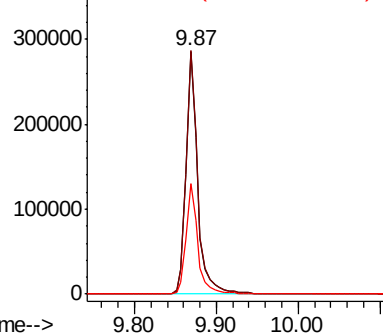
160 45.3 37.6 56.4

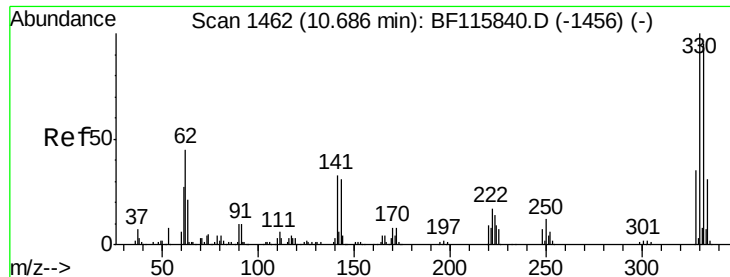


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 123.627 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB122181BL

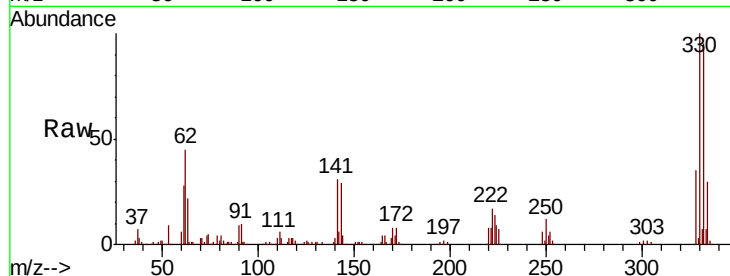
Tgt Ion:330 Resp: 337801

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

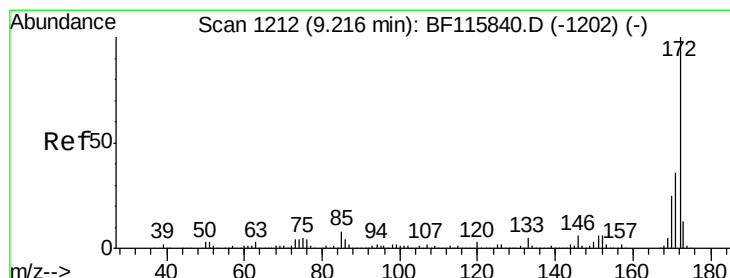
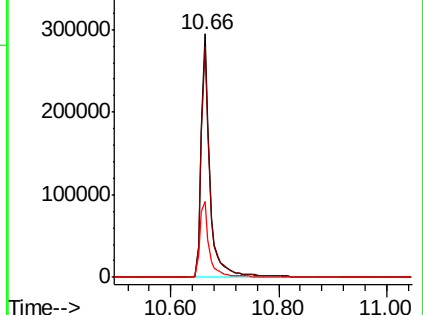
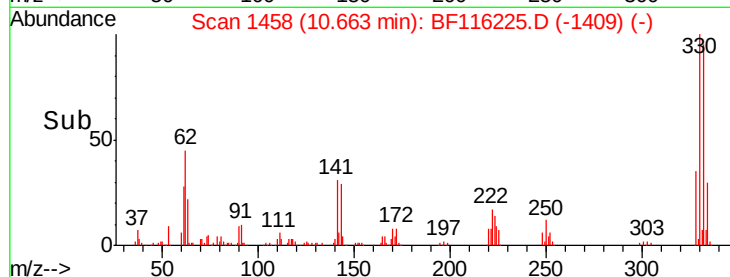
141 33.8 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 94.591 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

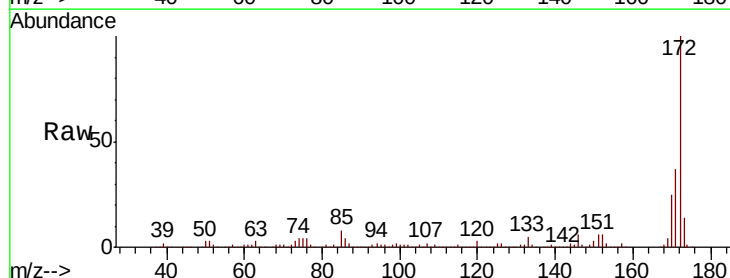
Tgt Ion:172 Resp: 1423262

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

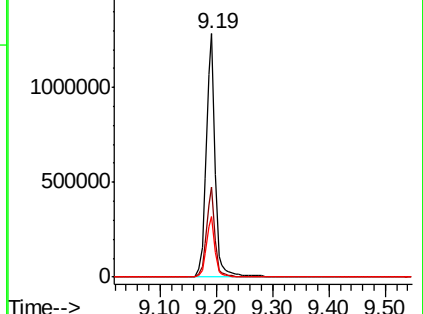
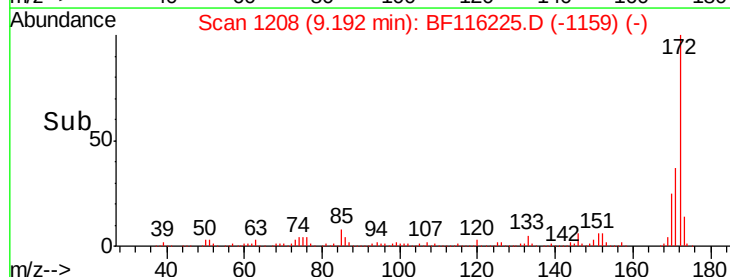
170 24.8 20.1 30.1

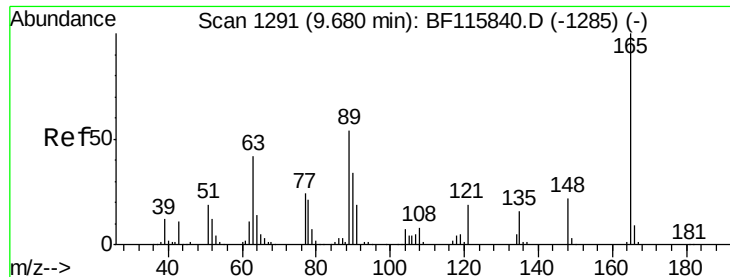


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

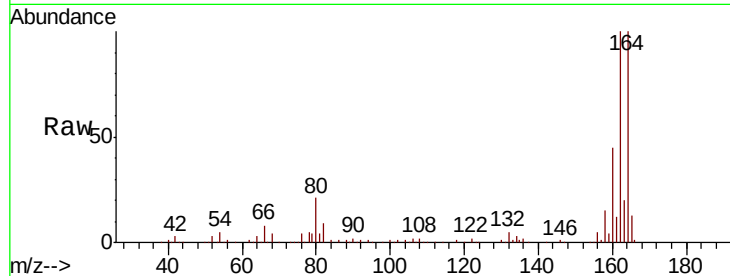




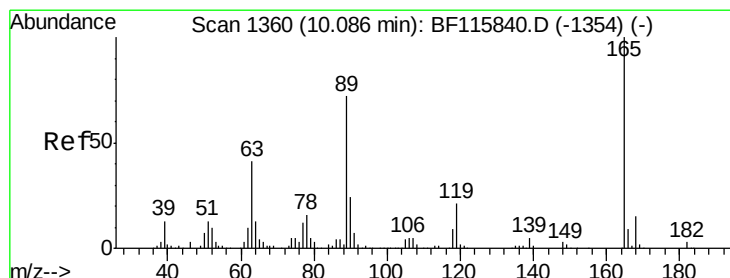
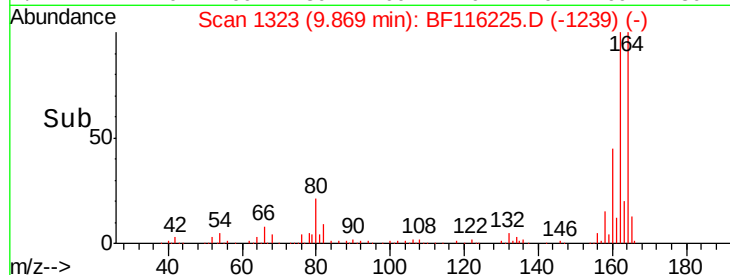
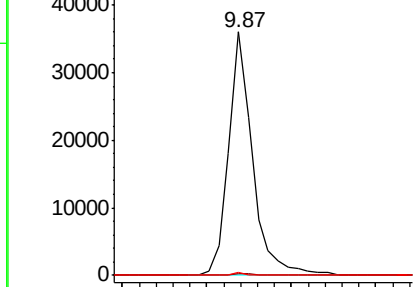
#51
 2,6-Dinitrotoluene
 Concen: 8.484 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

Instrument :
 BNA_F
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 PB122181BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.3	42.9	64.3#

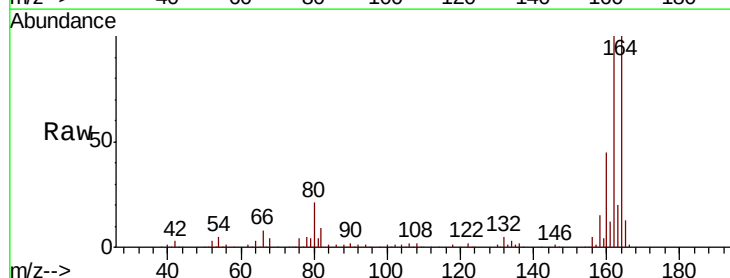


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

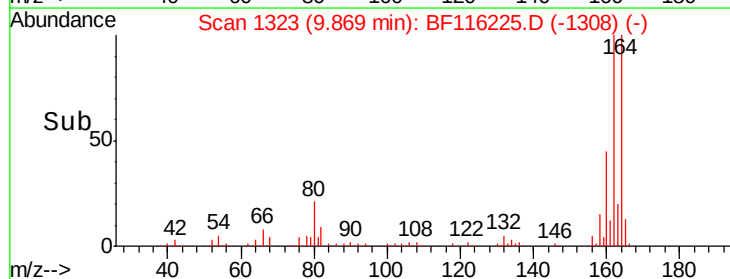
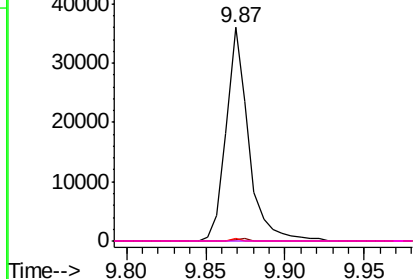


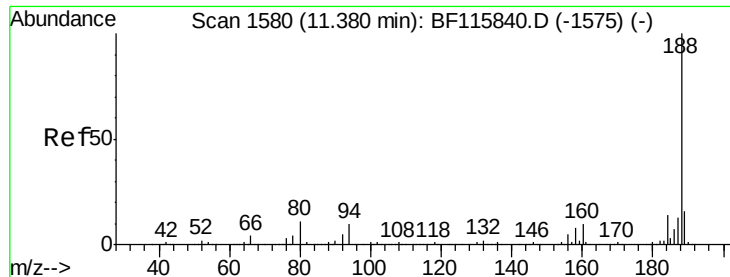
#57
 2,4-Dinitrotoluene
 Concen: 6.372 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

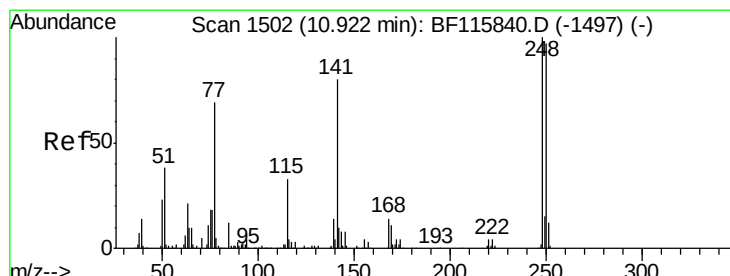
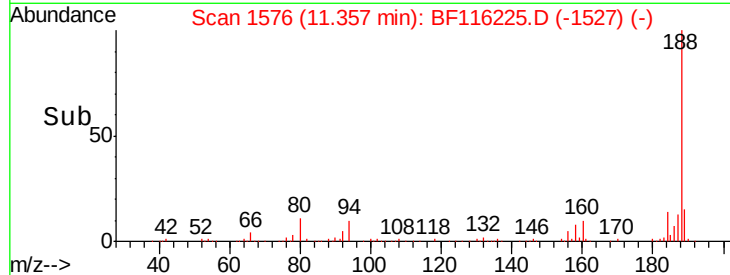
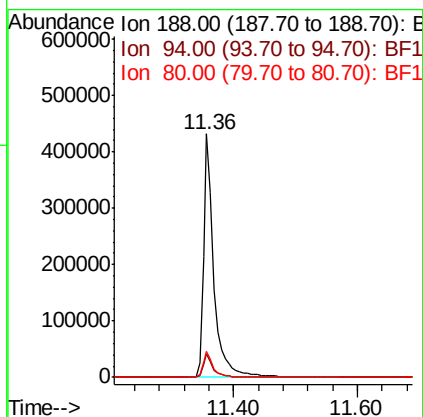
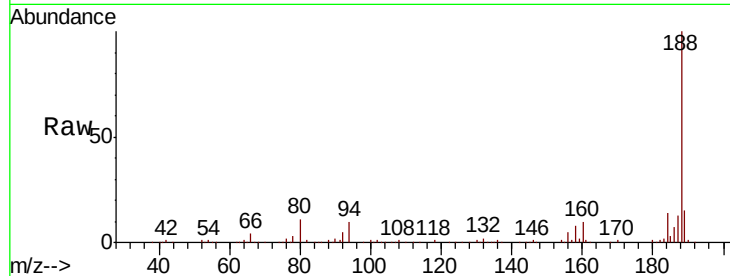




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

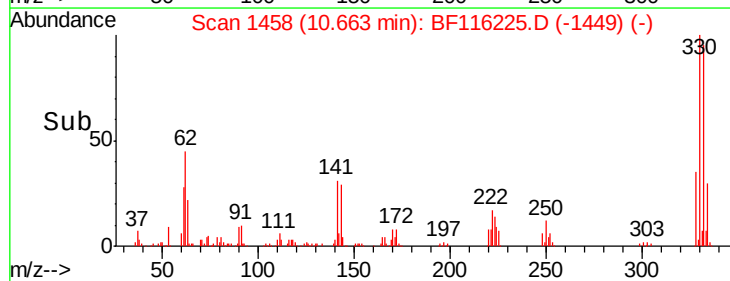
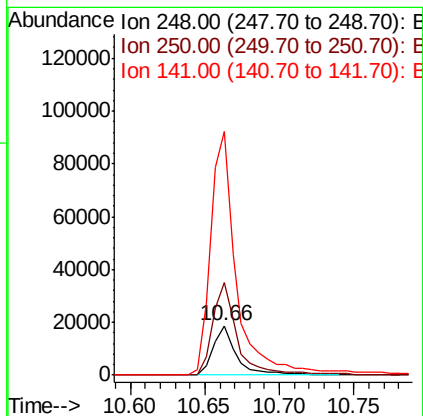
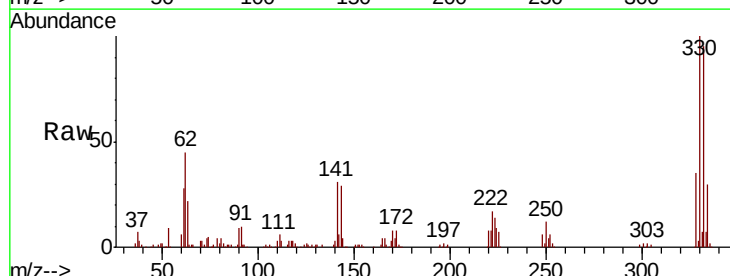
Instrument :
 BNA_F
 ClientSampleId :
 PB122181BL

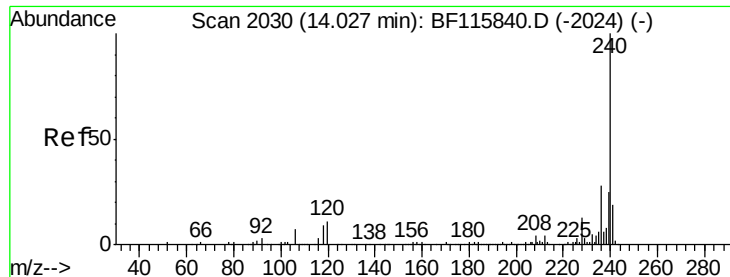
Tgt Ion:	188	Resp:	505347
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.7	8.7	13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.738 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116225.D
 Acq: 13 Aug 2019 12:17

Tgt Ion:	248	Resp:	20219
Ion	Ratio	Lower	Upper
248	100		
250	189.8	77.4	116.2#
141	496.5	56.8	85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

Instrument :

BNA_F

ClientSampleId :

PB122181BL

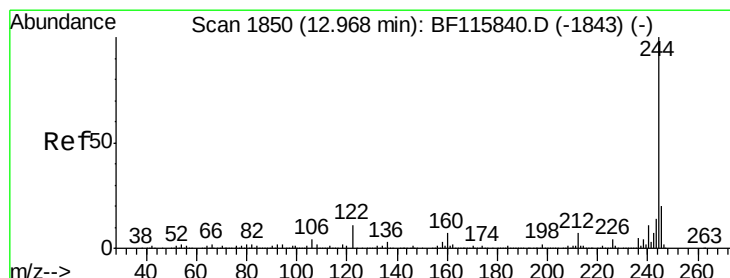
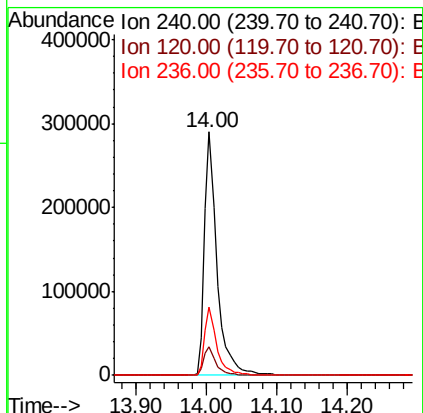
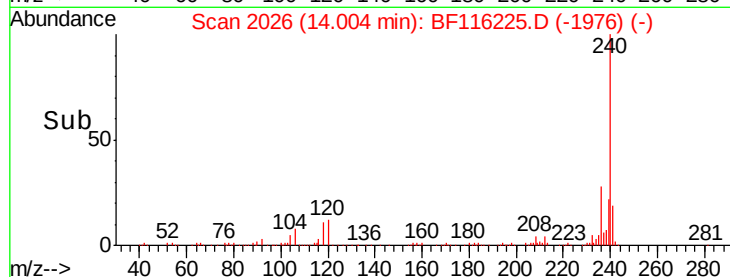
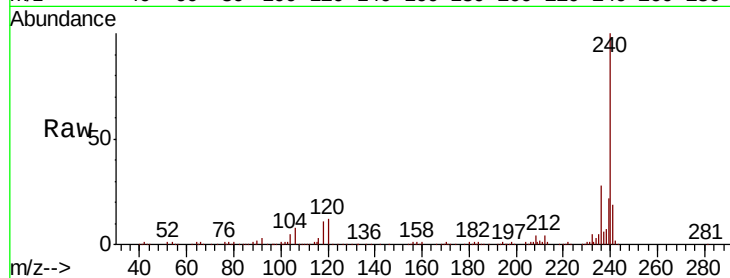
Tgt Ion:240 Resp: 359442

Ion Ratio Lower Upper

240 100

120 11.9 10.7 16.1

236 27.8 22.2 33.2



#79

Terphenyl-d14

Concen: 92.182 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116225.D

Acq: 13 Aug 2019 12:17

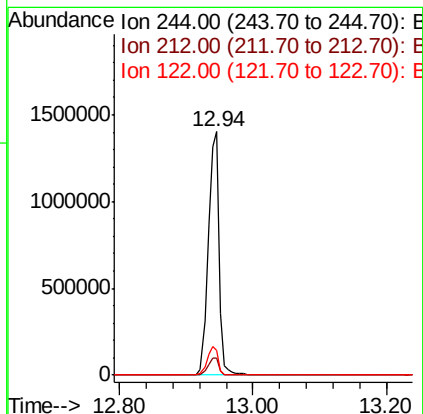
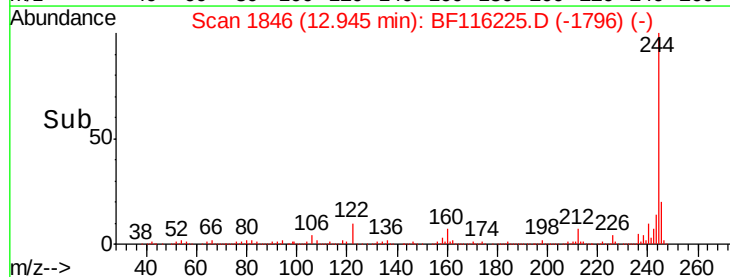
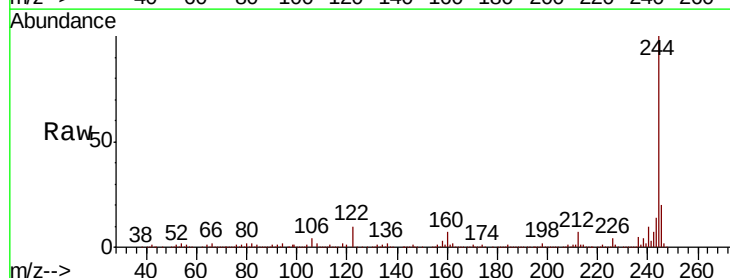
Tgt Ion:244 Resp: 1572442

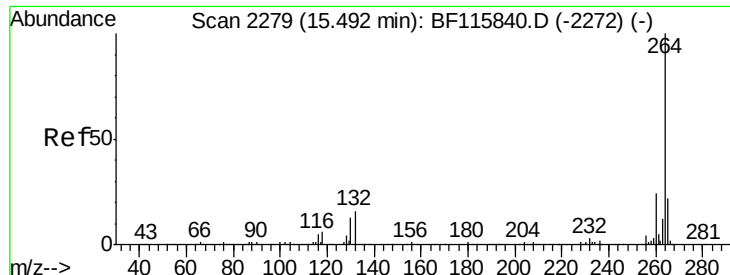
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.4 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116225.D
Acq: 13 Aug 2019 12:17

Instrument :
BNA_F
ClientSampleId :
PB122181BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.7	17.4	26.0

