

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116287.D
 Acq On : 15 Aug 2019 19:22
 Operator : HP/JU
 Sample : K4356-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:10:18 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

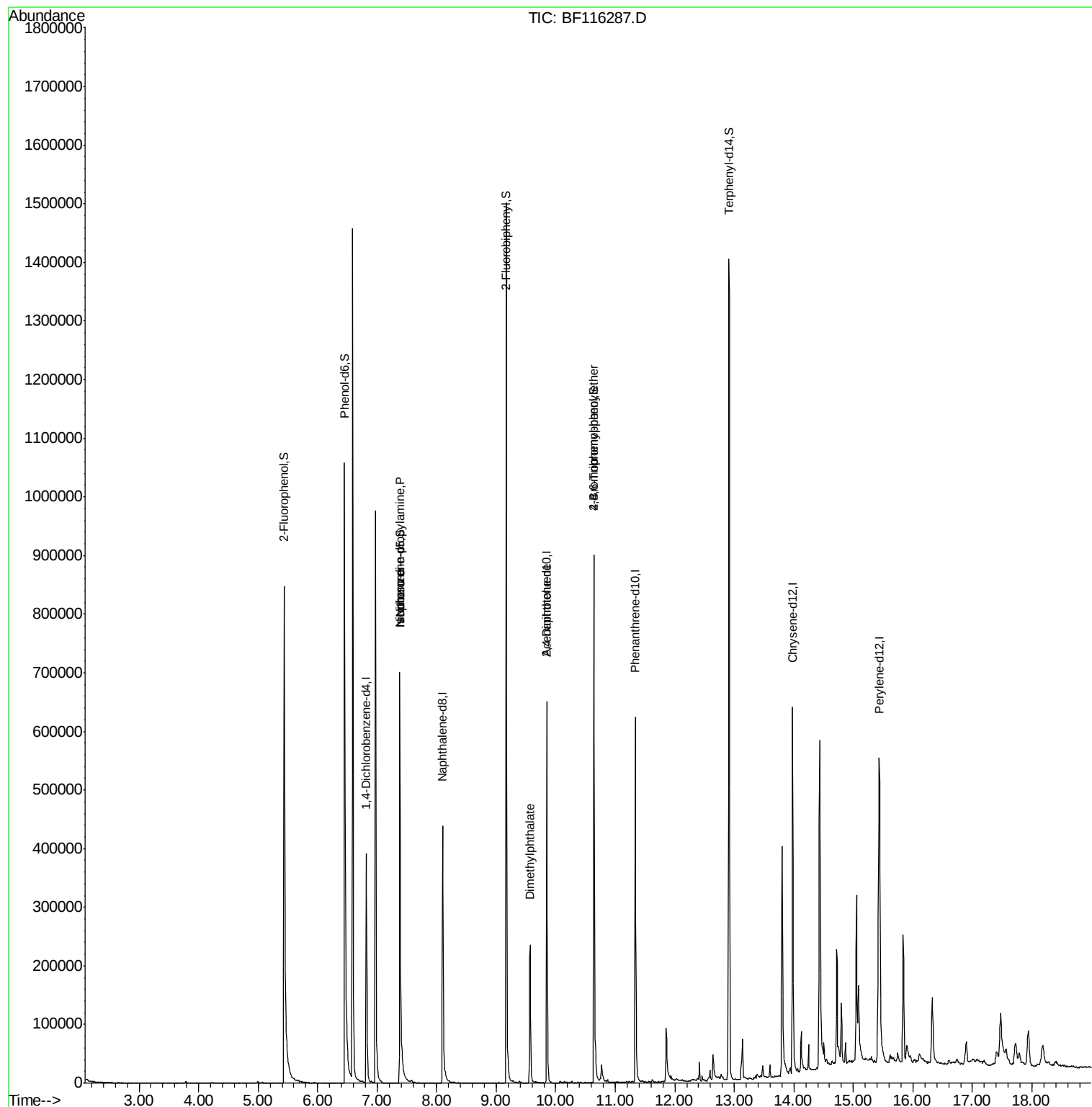
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67941	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	259862	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	143002	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	264541	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	249458	20.00	ng	-0.03
87) Perylene-d12	15.44	264	275504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	390732	96.28	ng	-0.04
7) Phenol-d6	6.45	99	527484	103.02	ng	-0.04
23) Nitrobenzene-d5	7.38	82	318378	70.72	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	126479	91.23	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	464410	60.83	ng	-0.04
79) Terphenyl-d14	12.92	244	494920	41.81	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	39937	12.586	ng	# 82
25) Isophorone	7.38	82	318512	37.001	ng	# 65
50) Dimethylphthalate	9.57	163	122461	12.577	ng	99
57) 2,4-Dinitrotoluene	9.85	165	17757	6.303	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	7714	2.724	ng	# 1

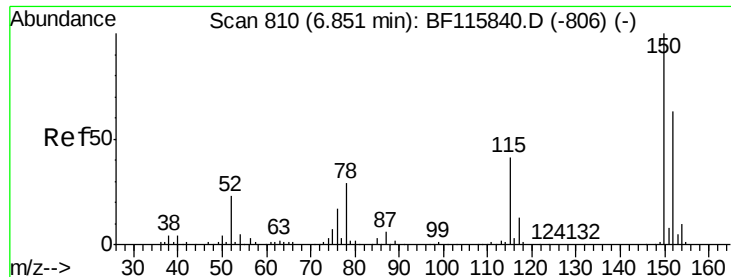
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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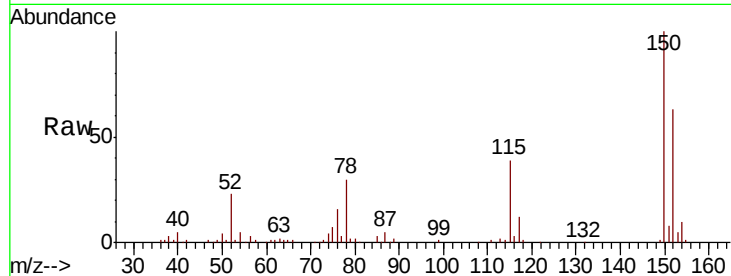


#1

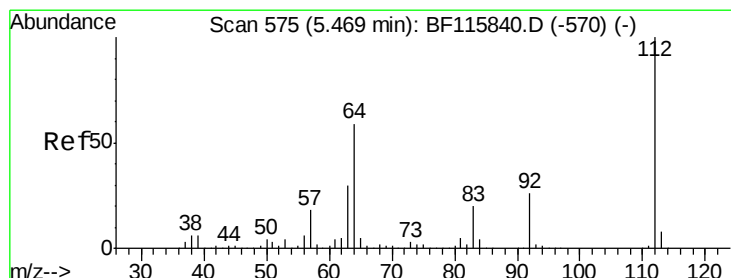
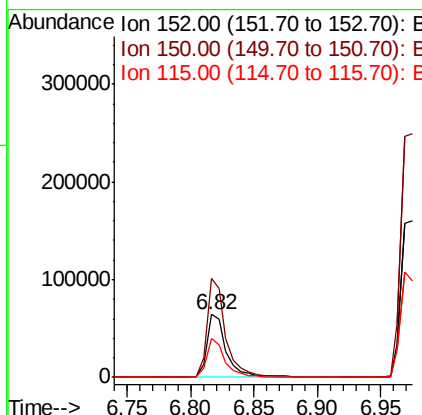
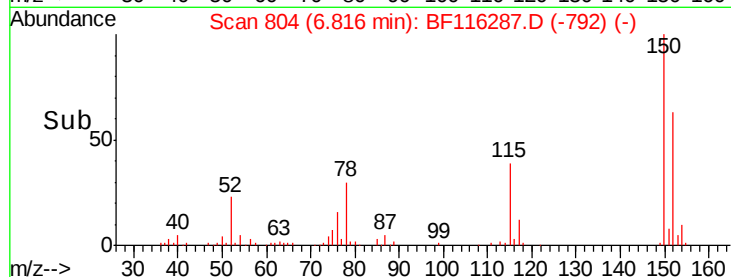
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116287.D
Acq: 15 Aug 2019 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67941
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 61.6 49.9 74.9



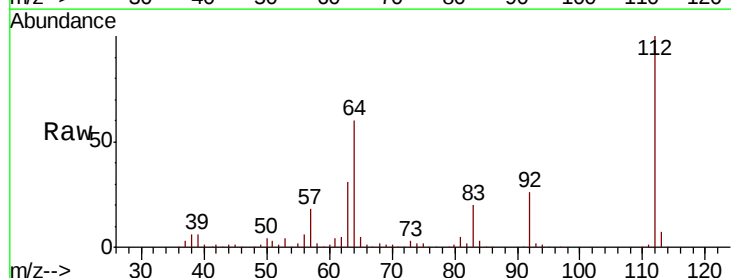
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



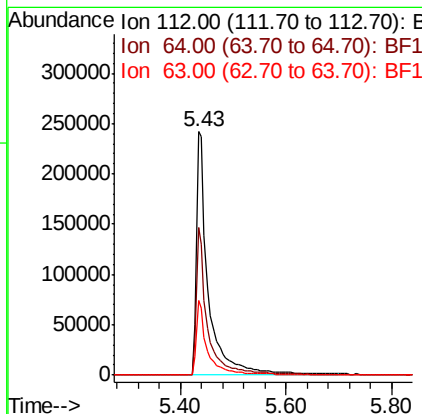
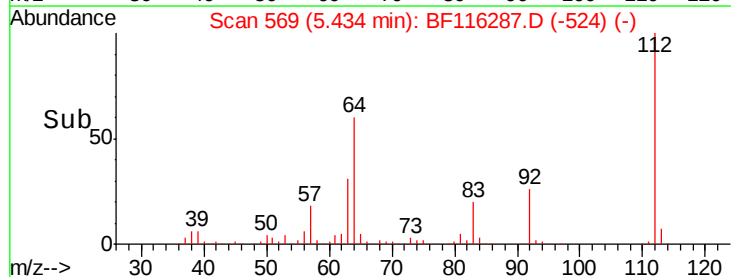
#5

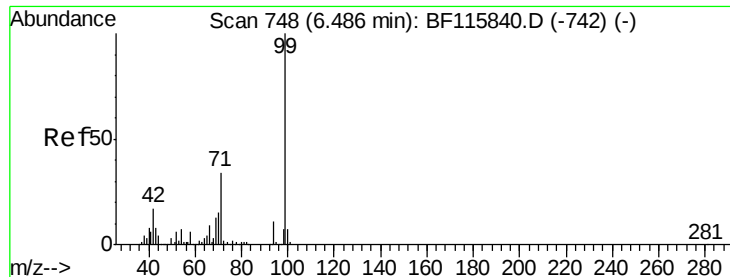
2-Fluorophenol
Concen: 96.276 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.04 min
Lab File: BF116287.D
Acq: 15 Aug 2019 19:22

Tgt Ion:112 Resp: 390732
Ion Ratio Lower Upper
112 100
64 60.4 45.4 68.2
63 30.9 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: 103.015 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampled :

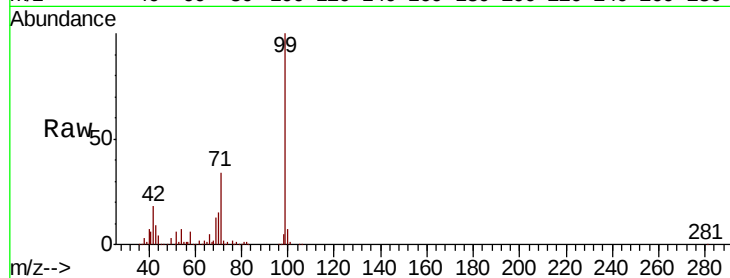
Tot Ion: 99 Resp: 527484

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.8

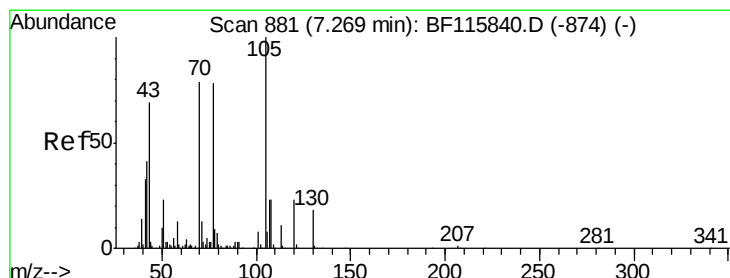
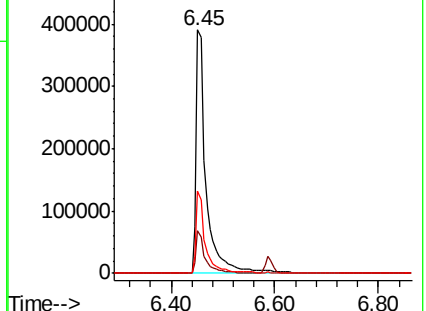
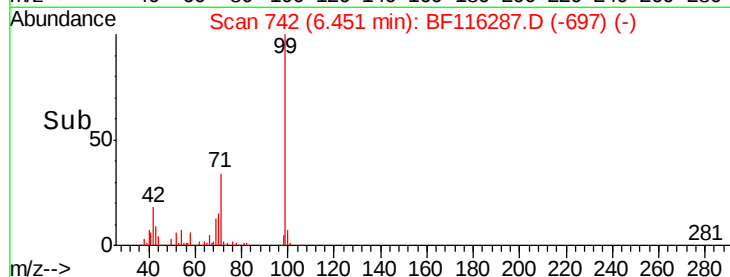
71 33.8 27.3 40.9



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: 12.586 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Tgt Ion: 70 Resp: 39937

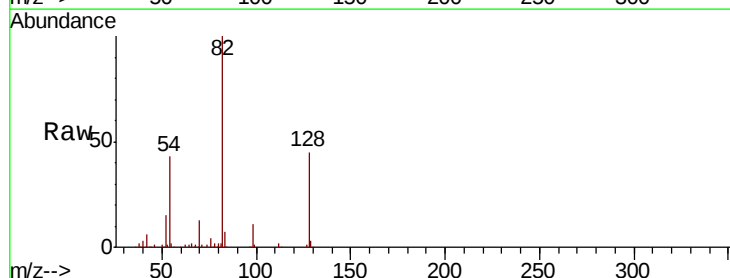
Ion Ratio Lower Upper

70 100

42 45.9 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

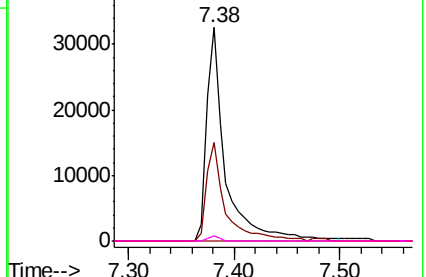
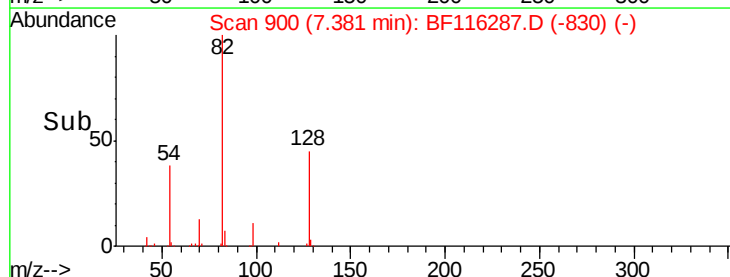


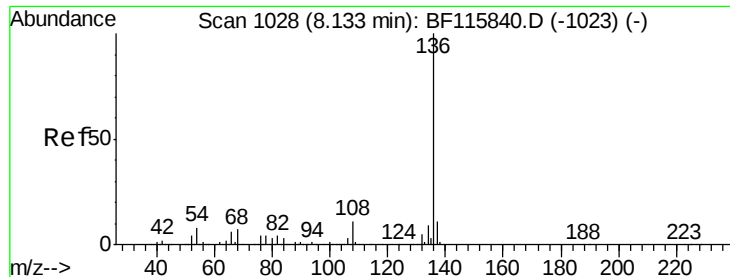
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 259862

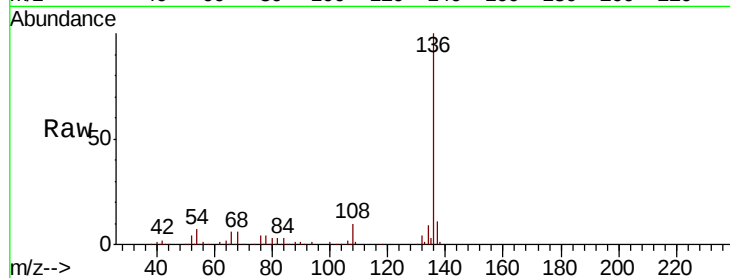
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.3 5.8 8.6

68 6.4 5.2 7.8

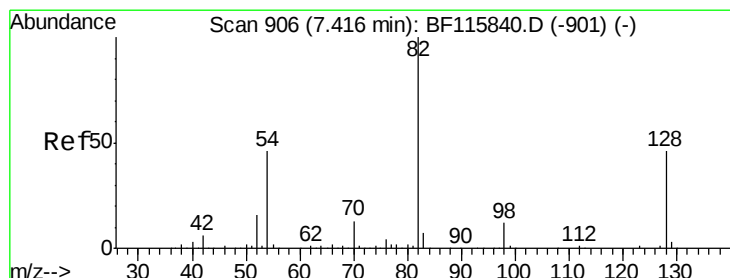
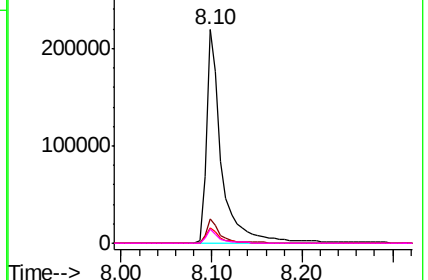
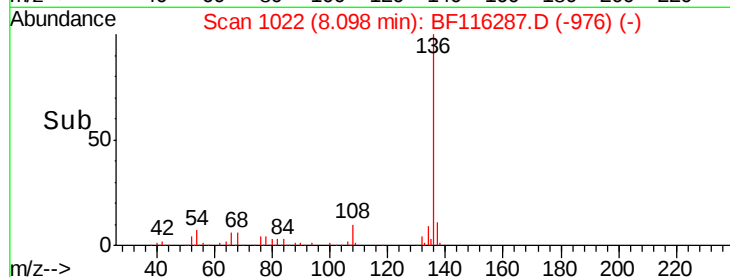


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.721 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

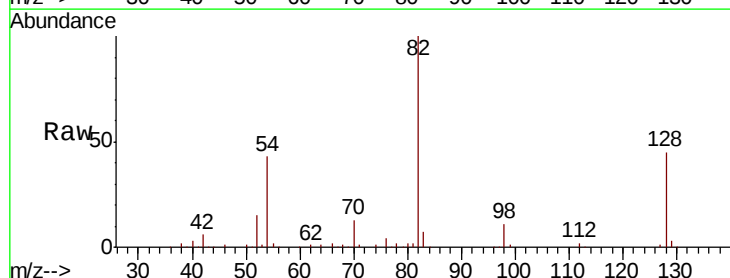
Tgt Ion: 82 Resp: 318378

Ion Ratio Lower Upper

82 100

128 45.1 36.5 54.7

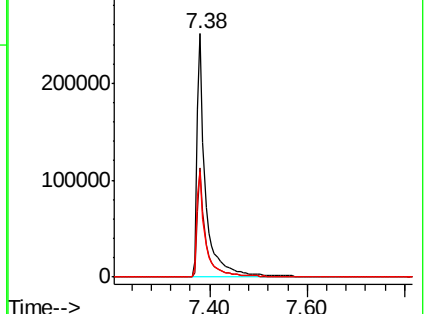
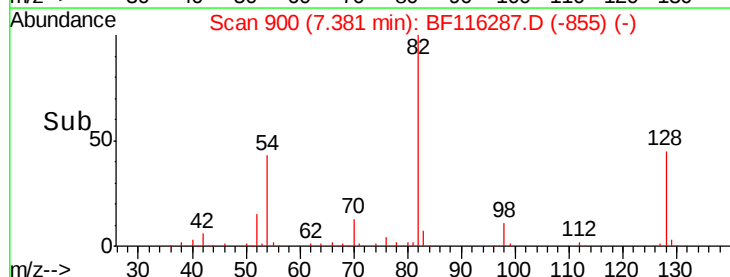
54 43.3 36.0 54.0

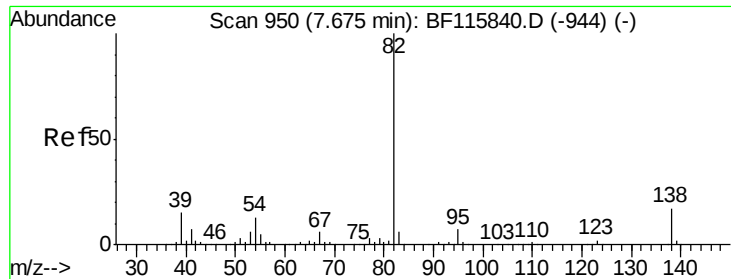


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.001 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

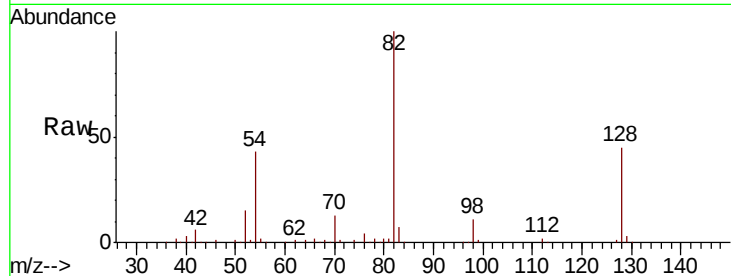
Tot Ion: 82 Resp: 318512

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

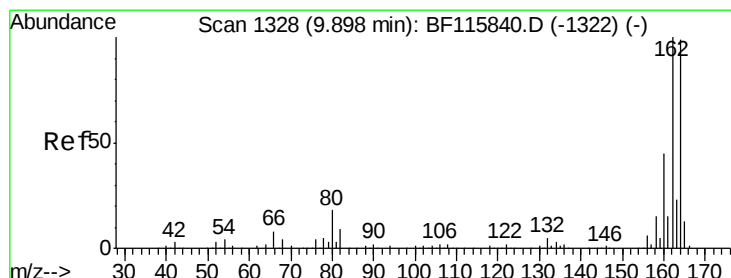
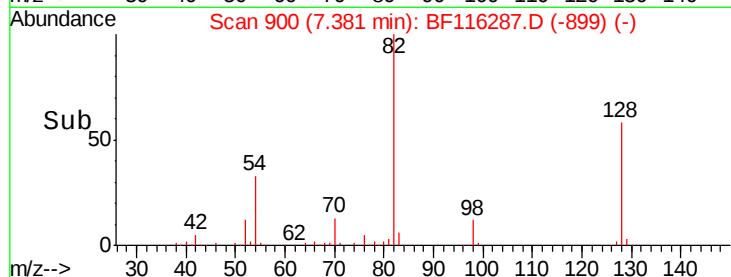
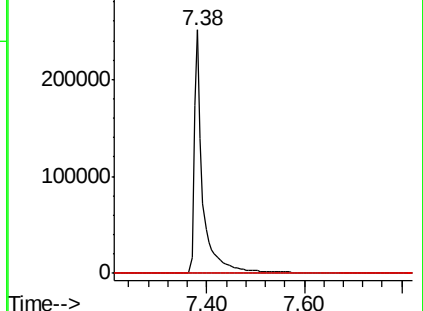
138 0.0 14.5 21.7#



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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

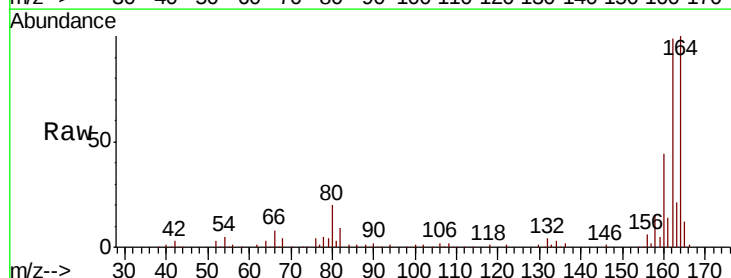
Tgt Ion: 164 Resp: 143002

Ion Ratio Lower Upper

164 100

162 98.9 82.6 124.0

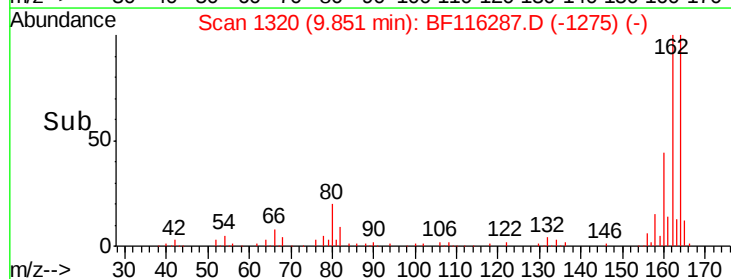
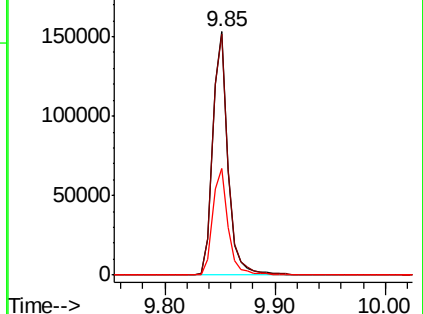
160 43.9 37.6 56.4

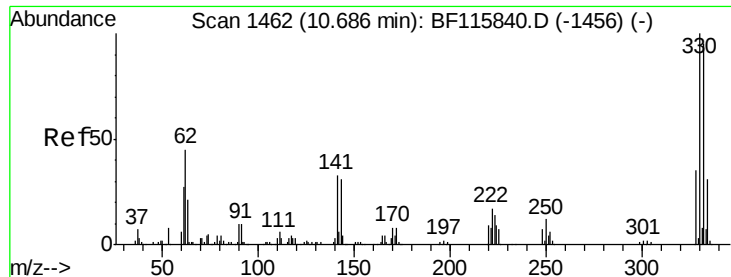


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

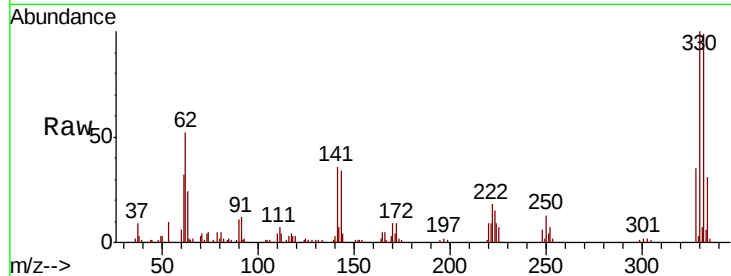




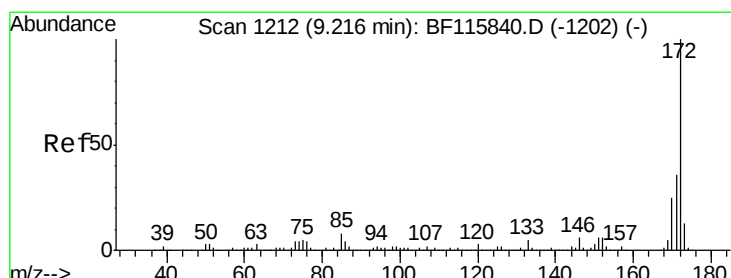
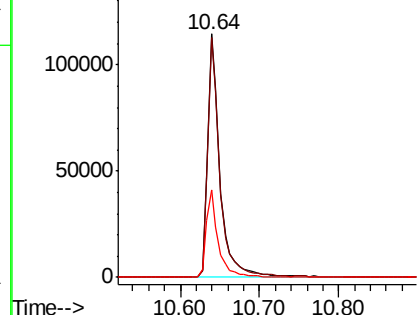
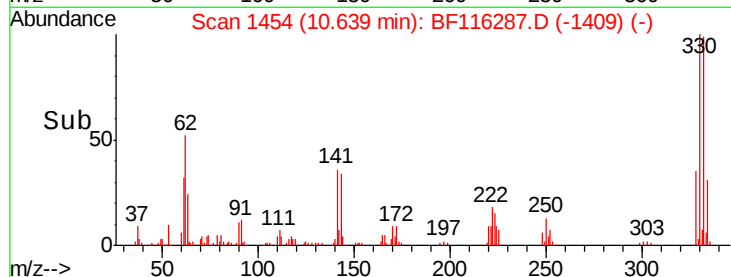
#42
 2,4,6-Tribromophenol
 Concen: 91.225 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116287.D
 Acq: 15 Aug 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	34.9	26.3	39.5

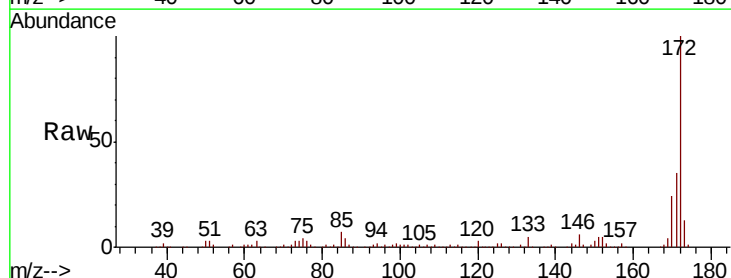


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

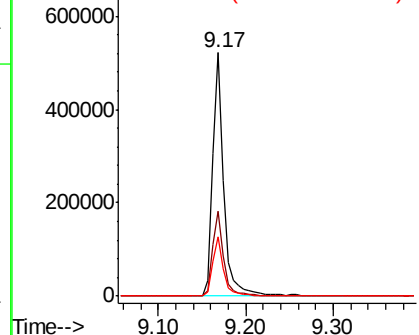
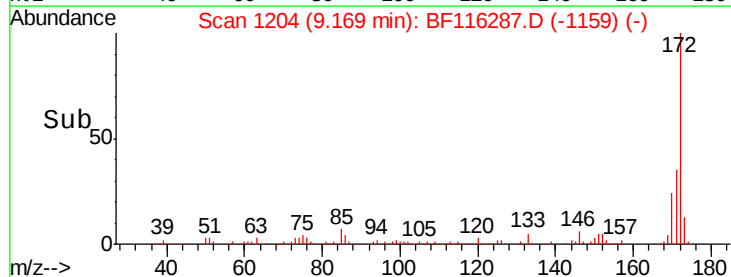


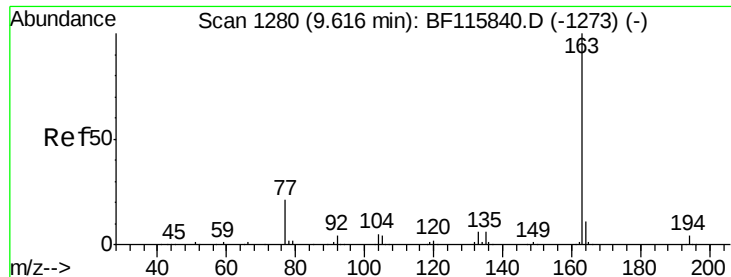
#45
 2-Fluorobiphenyl
 Concen: 60.830 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116287.D
 Acq: 15 Aug 2019 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.3	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





#50

Dimethylphthalate

Concen: 12.577 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :
BNA_F
ClientSampled :

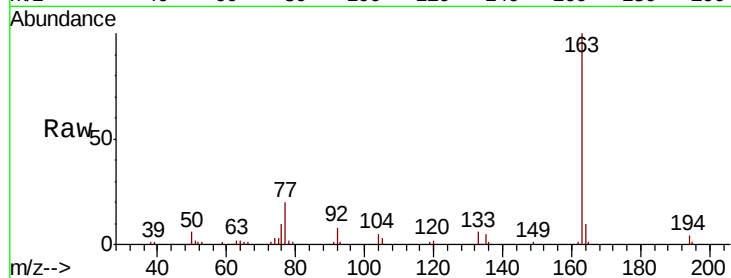
Tot Ion:163 Resp: 122461

Ion Ratio Lower Upper

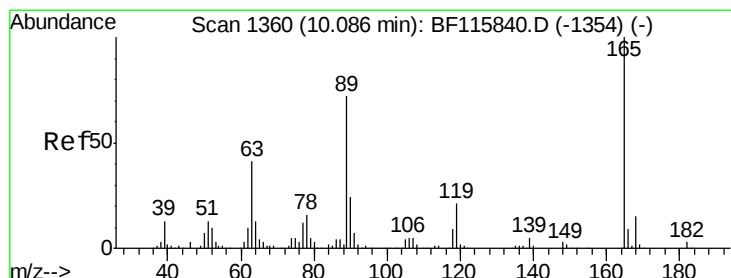
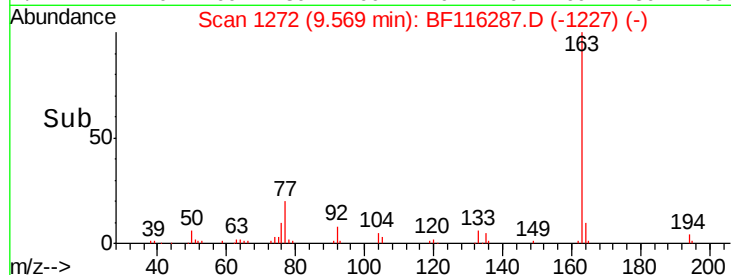
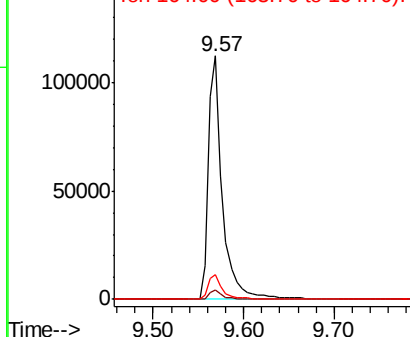
163 100

194 4.0 3.0 4.6

164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.303 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Tgt Ion:165 Resp: 17757

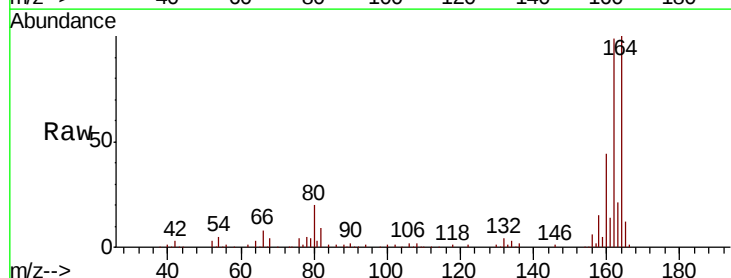
Ion Ratio Lower Upper

165 100

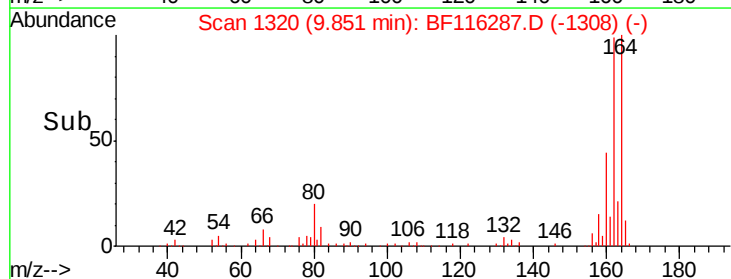
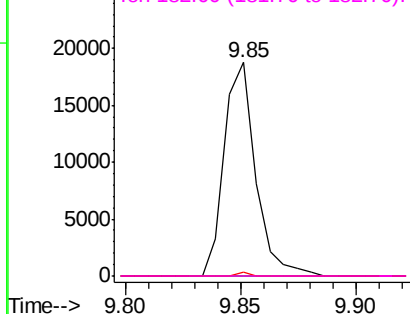
63 0.0 39.6 59.4#

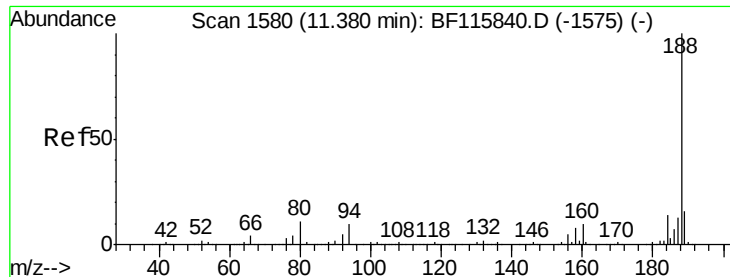
89 1.8 62.2 93.2#

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: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

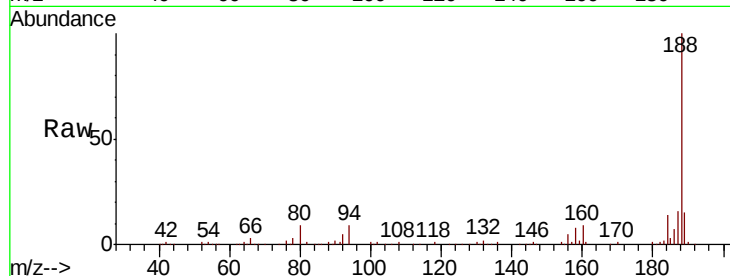
Tot Ion:188 Resp: 264541

Ion Ratio Lower Upper

188 100

94 9.3 8.1 12.1

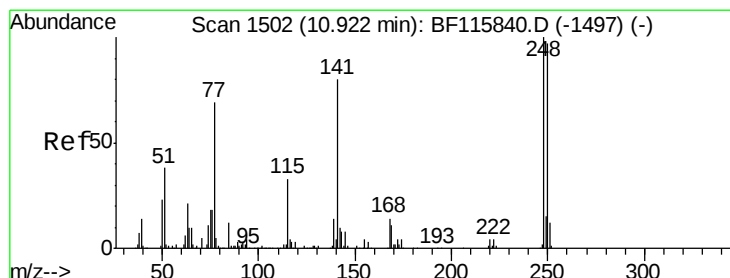
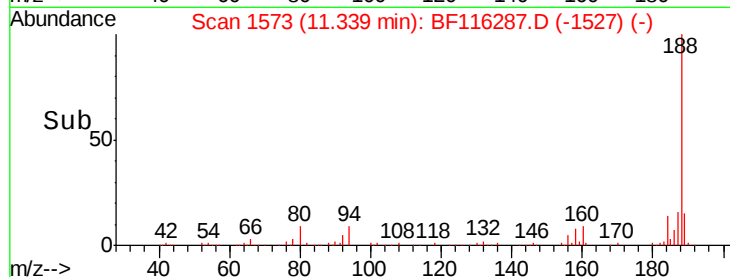
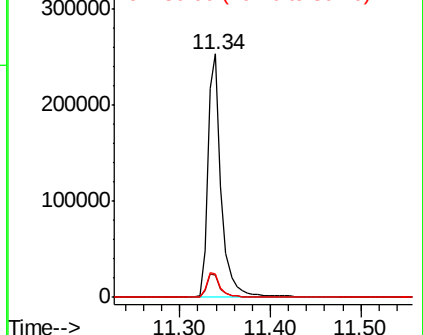
80 9.5 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.724 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.27 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

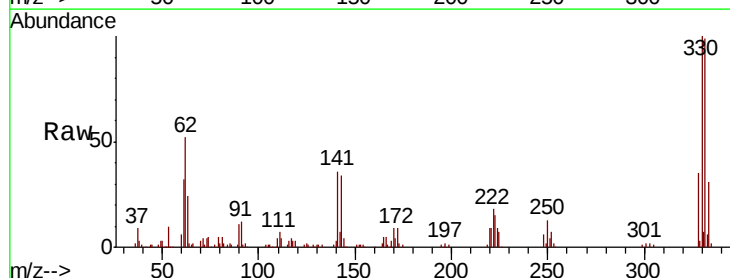
Tgt Ion:248 Resp: 7714

Ion Ratio Lower Upper

248 100

250 198.9 77.4 116.2#

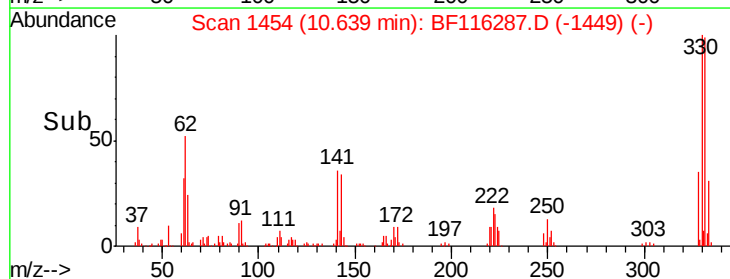
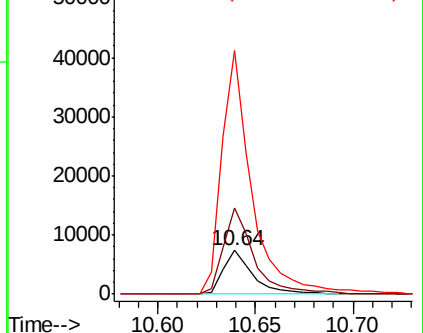
141 562.1 56.8 85.2#

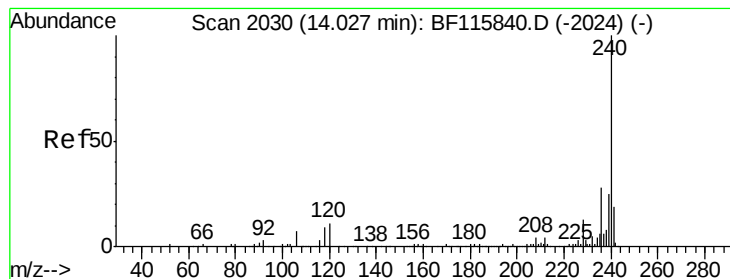


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

Instrument :

BNA_F

ClientSampleId :

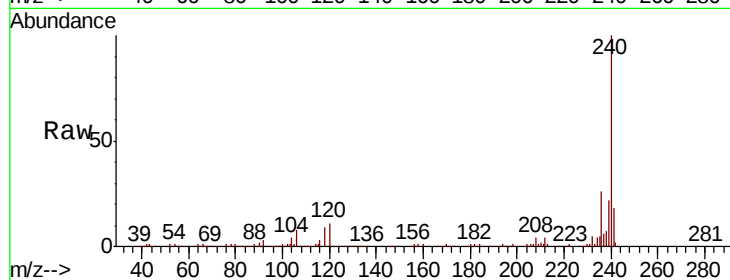
Tot Ion:240 Resp: 249458

Ion Ratio Lower Upper

240 100

120 10.7 10.7 16.1#

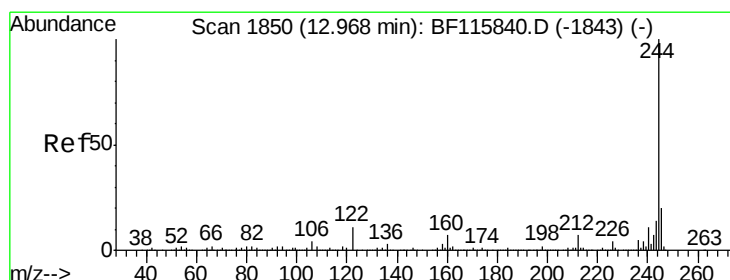
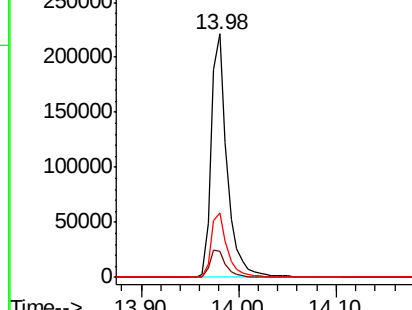
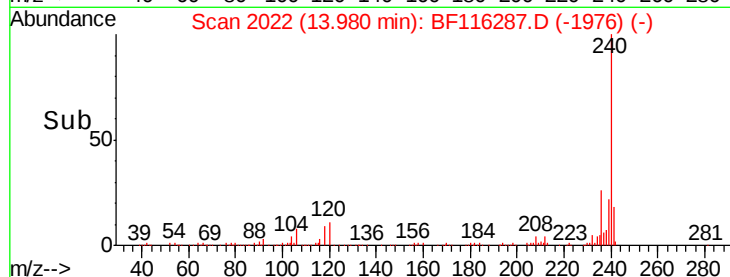
236 26.4 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 41.806 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116287.D

Acq: 15 Aug 2019 19:22

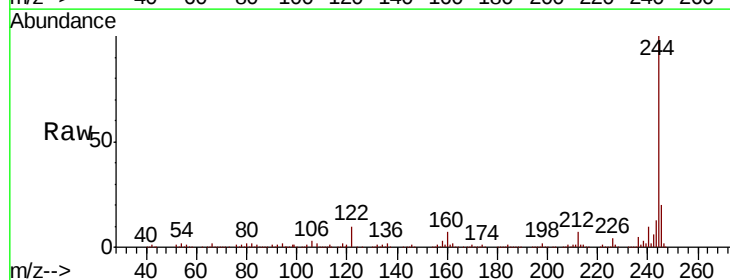
Tgt Ion:244 Resp: 494920

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

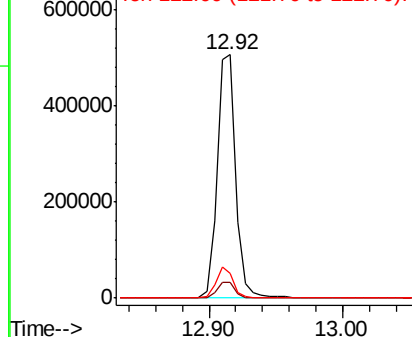
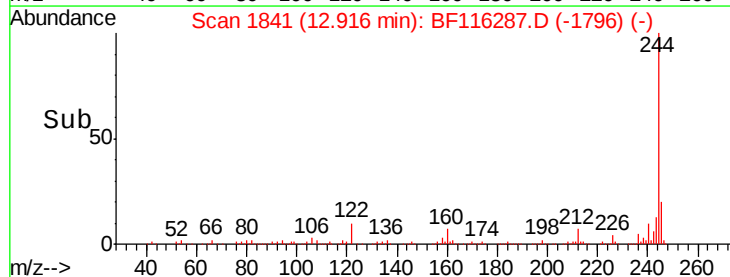
122 10.1 9.0 13.4

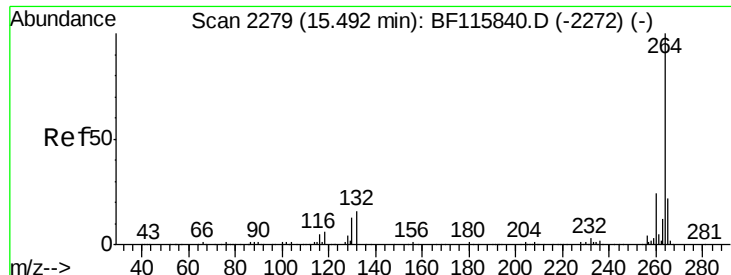


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

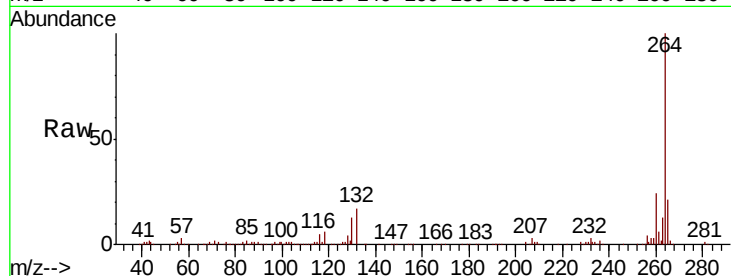




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116287.D
Acq: 15 Aug 2019 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	275504
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.1	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

