

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116583.D
 Acq On : 27 Aug 2019 14:19
 Operator : HP/JU
 Sample : K4490-03RE 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 17:47:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

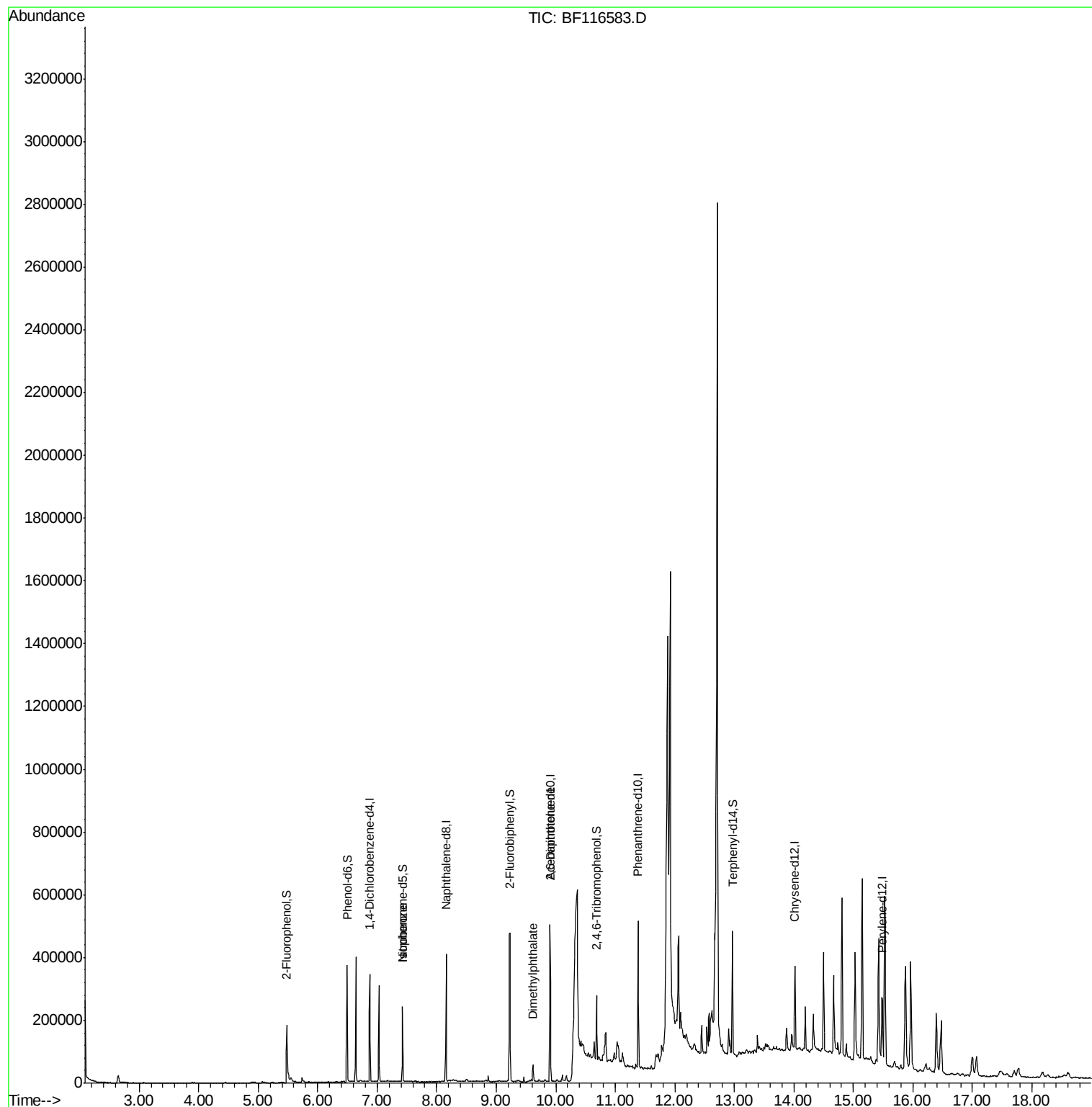
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	43401	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	172155	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	88391	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	139331	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	81479	20.00	ng	-0.01
87) Perylene-d12	15.49	264	91560	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	62738	21.12	ng	-0.02
7) Phenol-d6	6.49	99	106379	29.21	ng	-0.01
23) Nitrobenzene-d5	7.43	82	69566	22.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	18498	24.37	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	136298	24.83	ng	-0.01
79) Terphenyl-d14	12.97	244	110112	25.24	ng	-0.01
Target Compounds						
25) Isophorone	7.43	82	69564	11.218	ng	# 67
50) Dimethylphthalate	9.62	163	14173	2.298	ng	# 86
51) 2,6-Dinitrotoluene	9.90	165	11506	9.115	ng	# 24

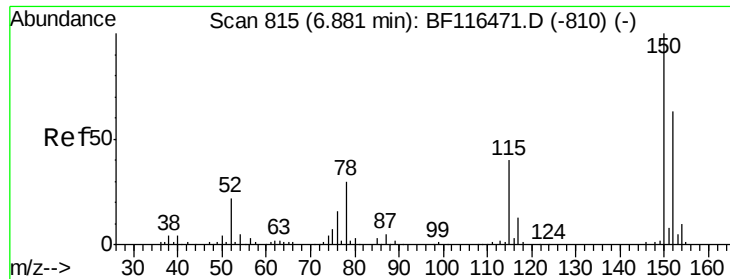
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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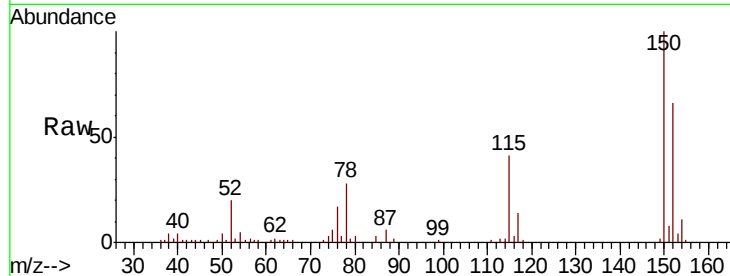


#1

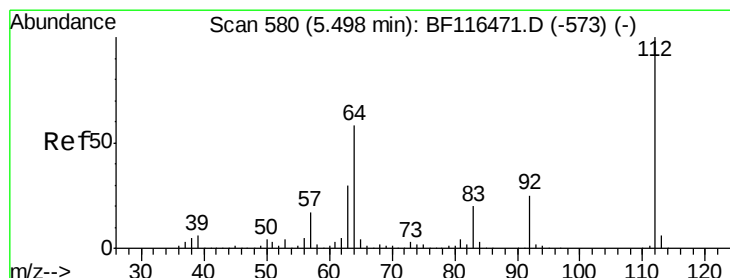
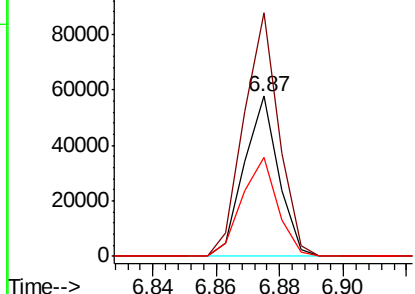
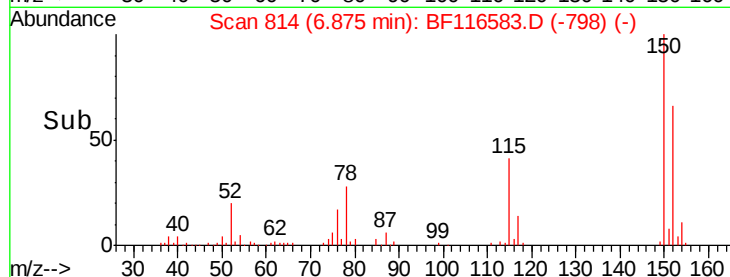
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43401
Ion Ratio Lower Upper
152 100
150 152.1 126.7 190.1
115 61.8 50.9 76.3



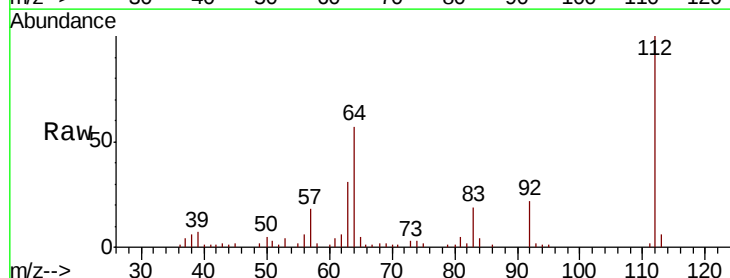
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



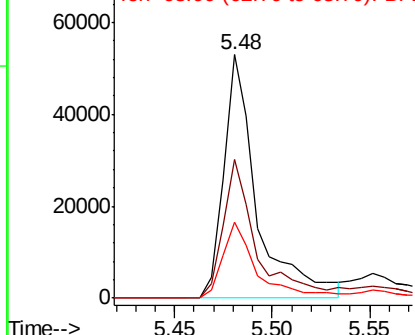
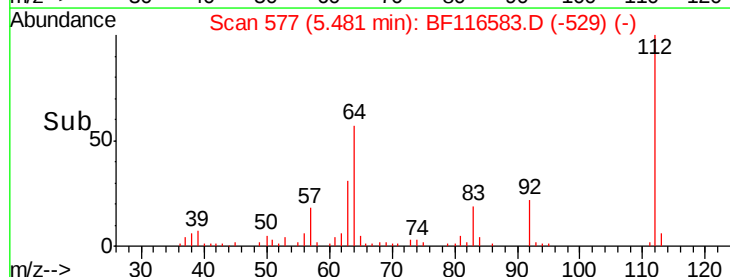
#5

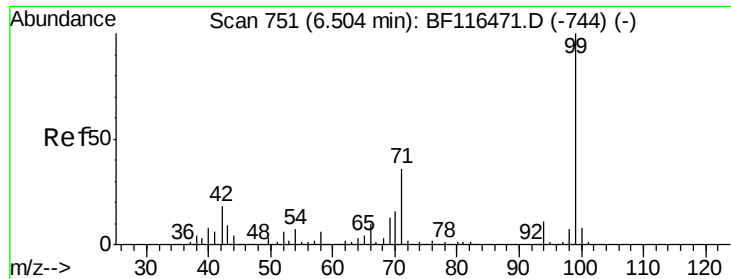
2-Fluorophenol
Concen: 21.121 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Tgt Ion:112 Resp: 62738
Ion Ratio Lower Upper
112 100
64 56.9 46.3 69.5
63 31.4 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: 29.208 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Instrument :

BNA_F

ClientSampleId :

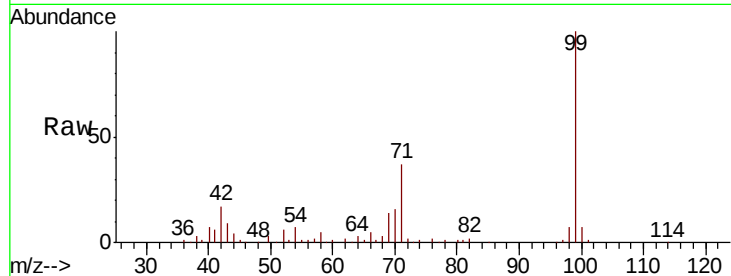
Tot Ion: 99 Resp: 106379

Ion Ratio Lower Upper

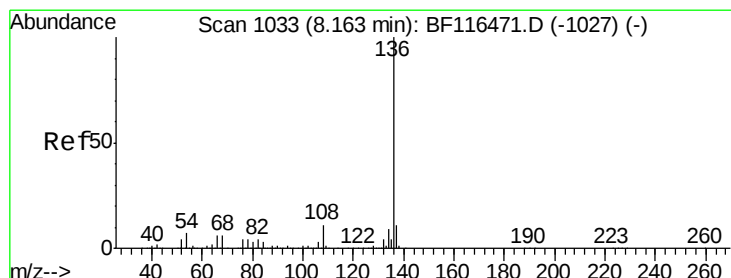
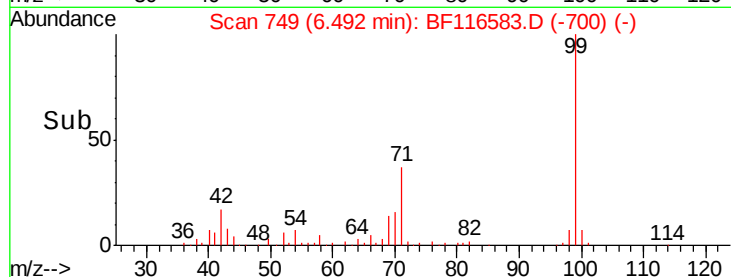
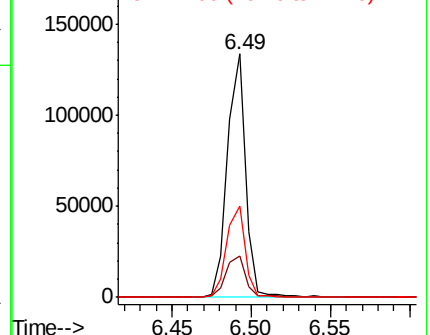
99 100

42 17.1 14.6 21.8

71 37.3 28.5 42.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Tgt Ion: 136 Resp: 172155

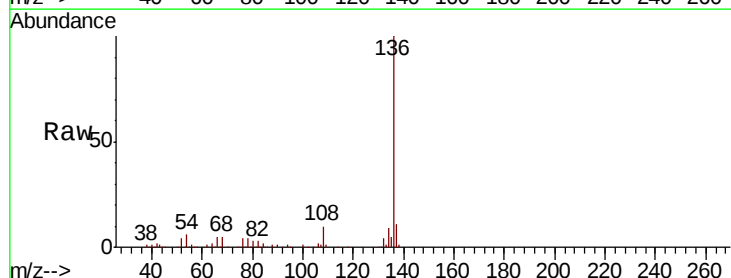
Ion Ratio Lower Upper

136 100

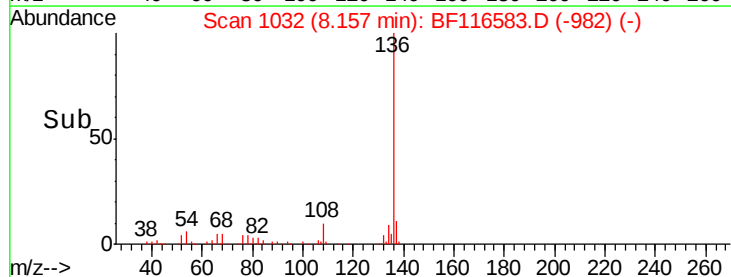
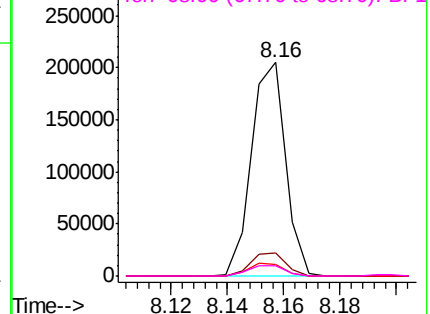
137 10.5 9.0 13.4

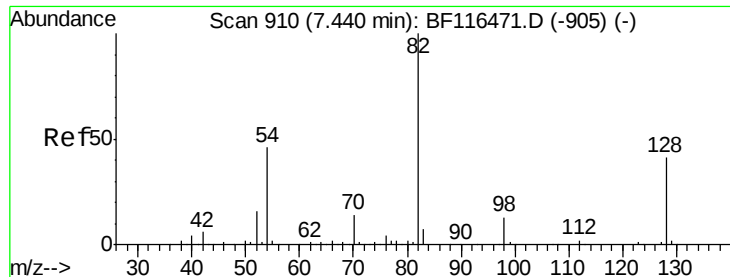
54 5.7 5.8 8.6#

68 4.5 5.1 7.7#



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

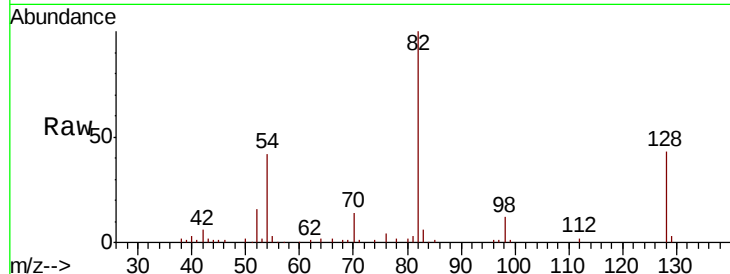




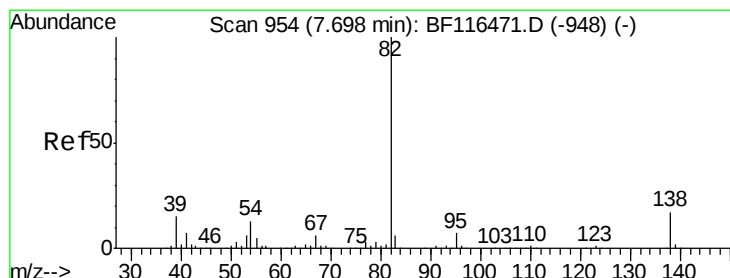
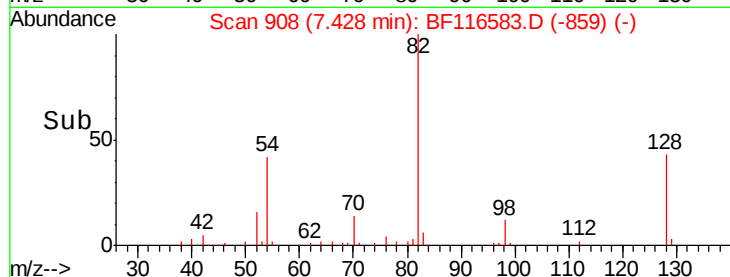
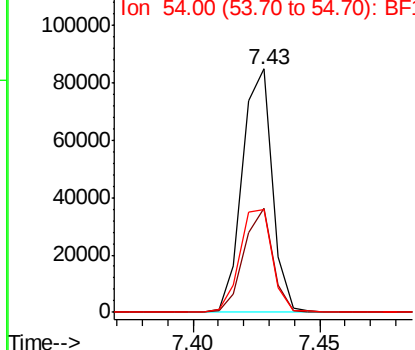
#23
Nitrobenzene-d5
Concen: 22.108 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	69566
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	42.5	36.5	54.7

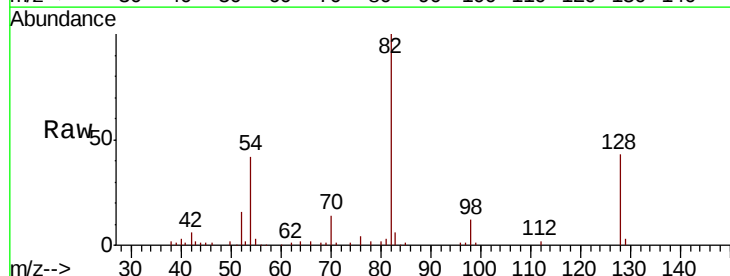


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

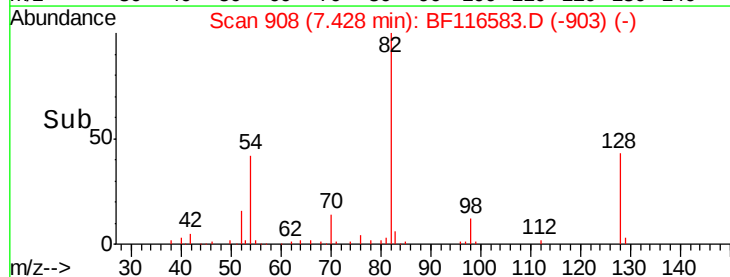
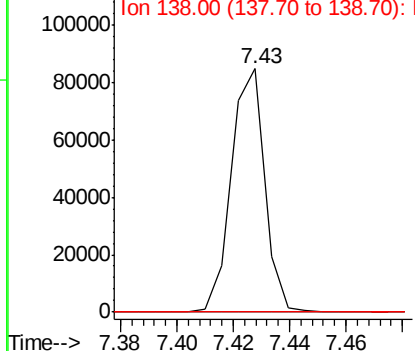


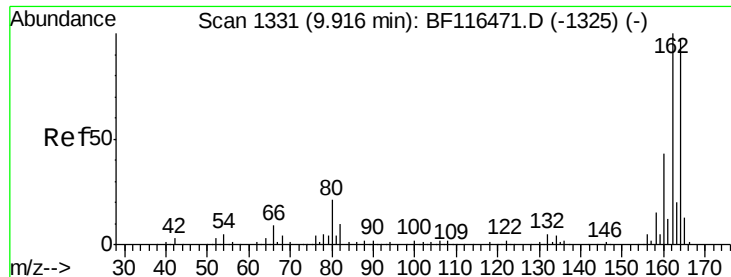
#25
Isophorone
Concen: 11.218 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Tgt Ion:	82	Resp:	69564
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Instrument :

BNA_F

ClientSampleId :

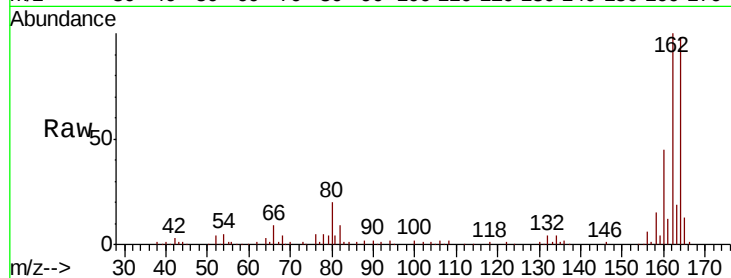
Tot Ion:164 Resp: 88391

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

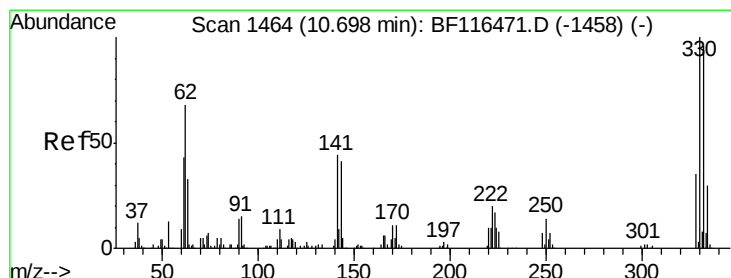
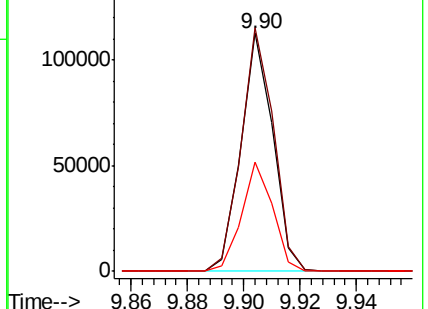
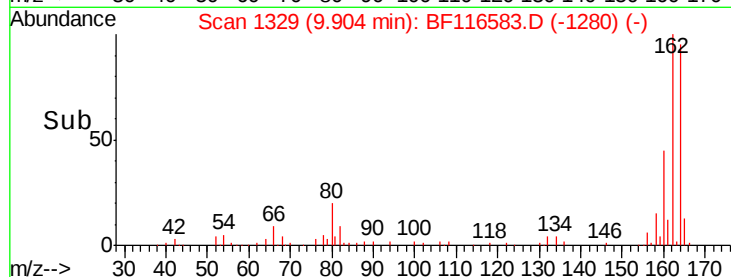
160 45.8 35.8 53.8



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: 24.372 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

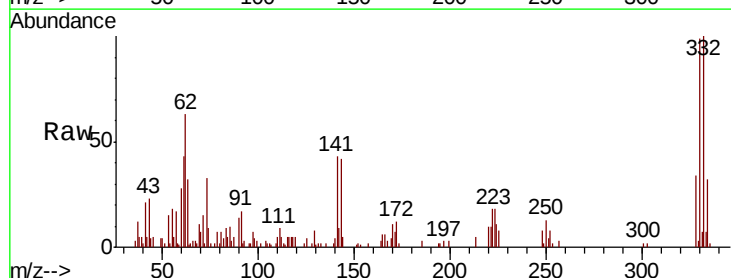
Tgt Ion:330 Resp: 18498

Ion Ratio Lower Upper

330 100

332 99.3 77.2 115.8

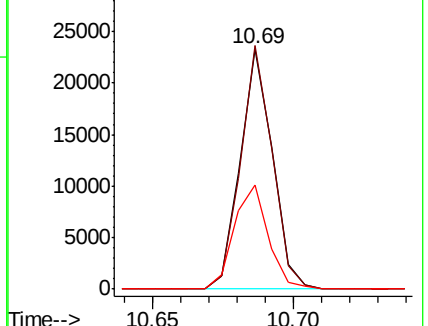
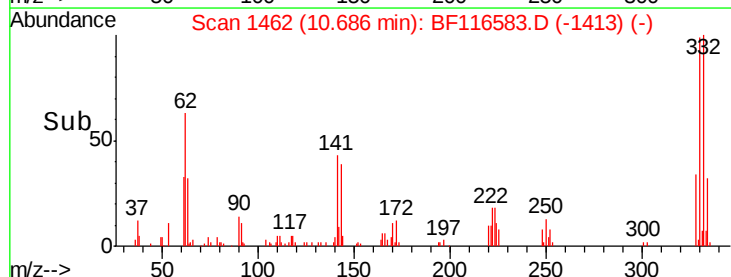
141 45.7 33.3 49.9

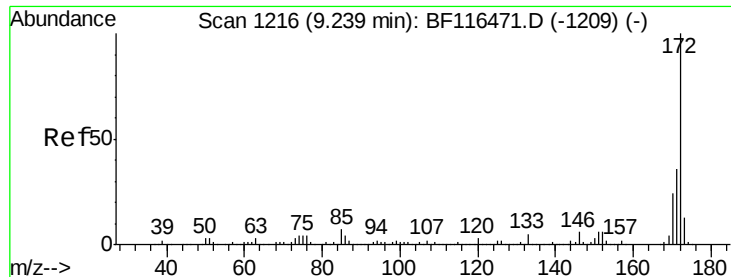


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

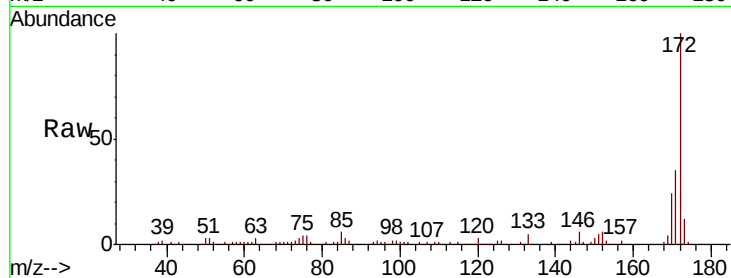




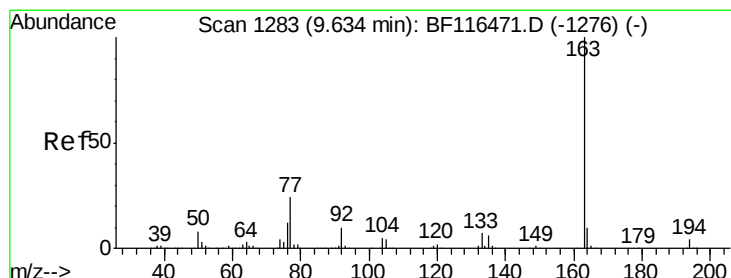
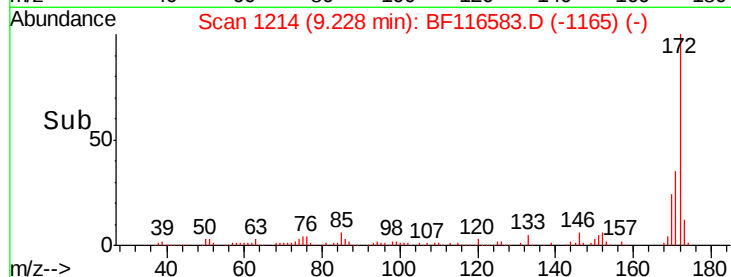
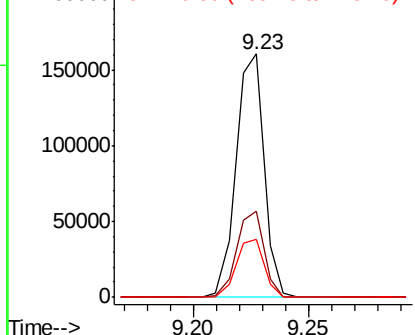
#45
2-Fluorobiphenyl
Concen: 24.832 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.7	19.4	29.0

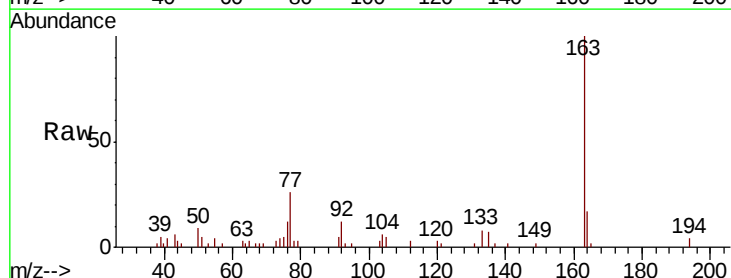


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

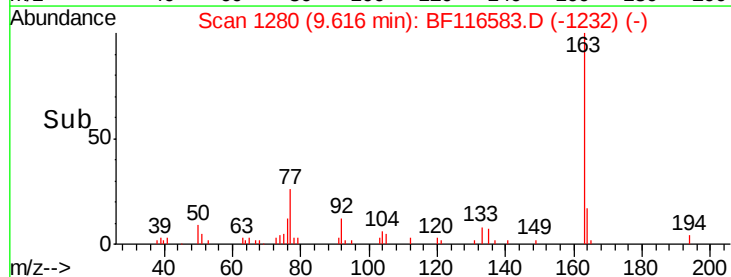
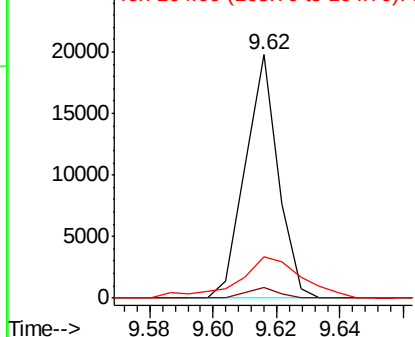


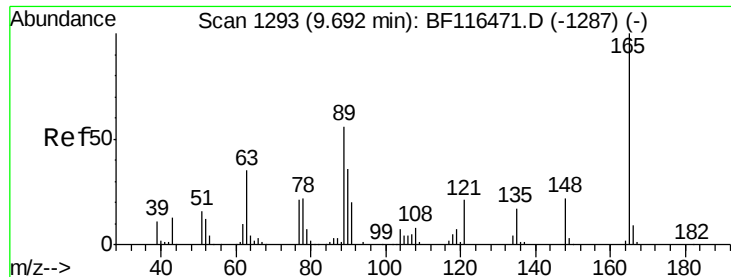
#50
Dimethylphthalate
Concen: 2.298 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF116583.D
Acq: 27 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.9	4.3
164	16.7	8.2	12.2#



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

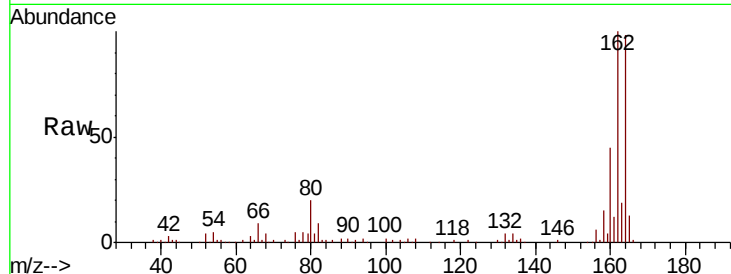




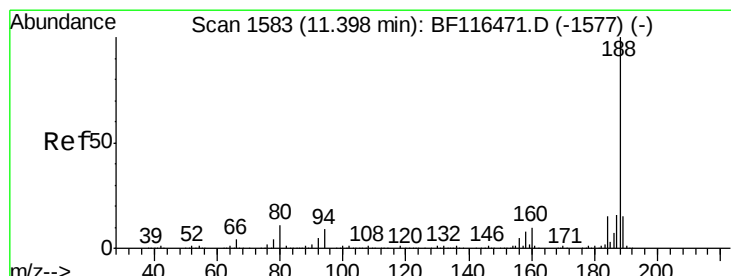
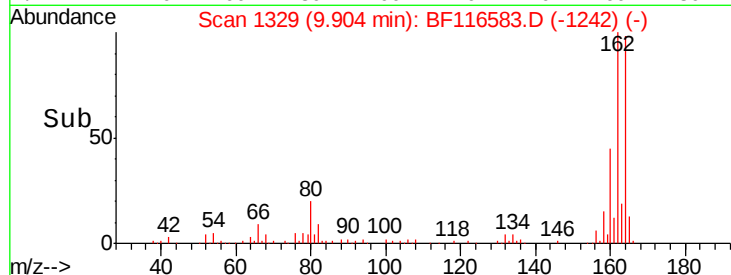
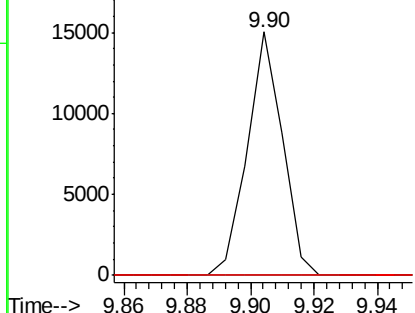
#51
 2,6-Dinitrotoluene
 Concen: 9.115 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF116583.D
 Acq: 27 Aug 2019 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	0.0	45.1	67.7#

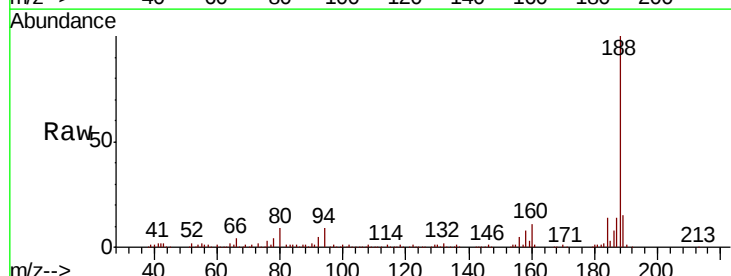


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

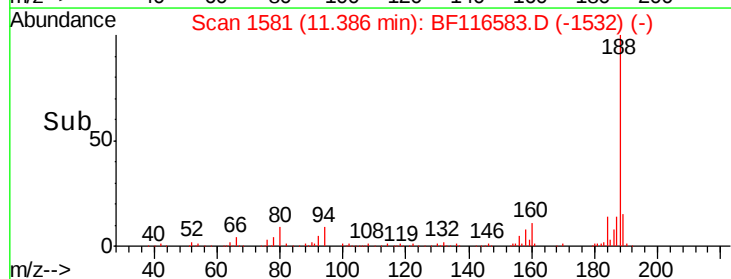
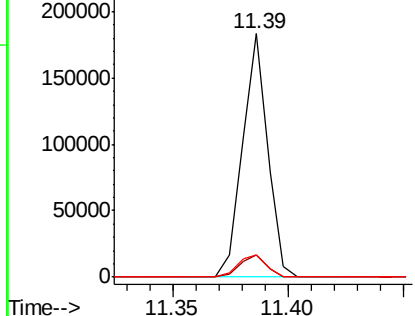


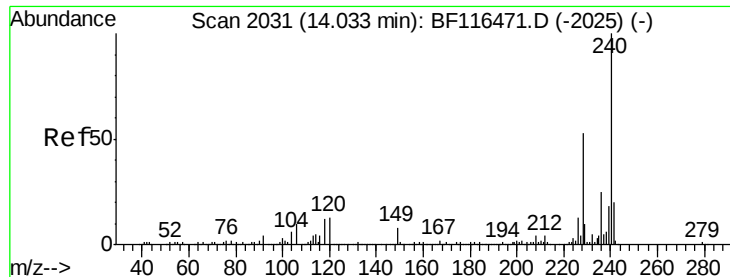
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF116583.D
 Acq: 27 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.1	8.6	12.8



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





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

Instrument :

BNA_F

ClientSampled :

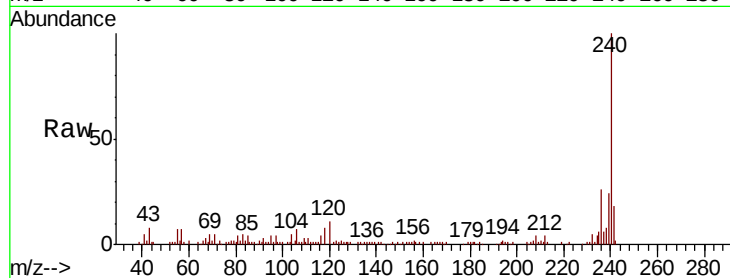
Tot Ion:240 Resp: 81479

Ion Ratio Lower Upper

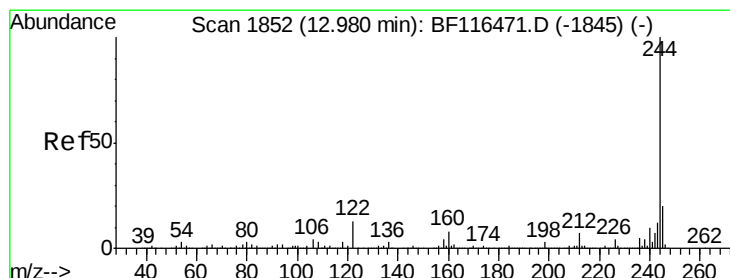
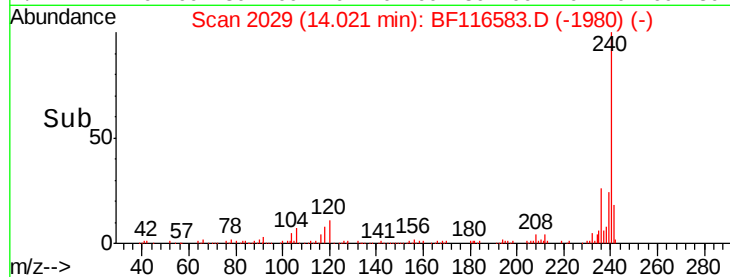
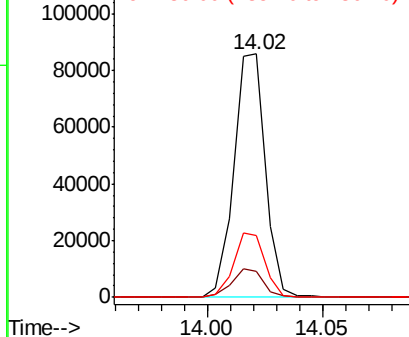
240 100

120 10.7 10.5 15.7

236 25.6 20.2 30.2



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: 25.243 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF116583.D

Acq: 27 Aug 2019 14:19

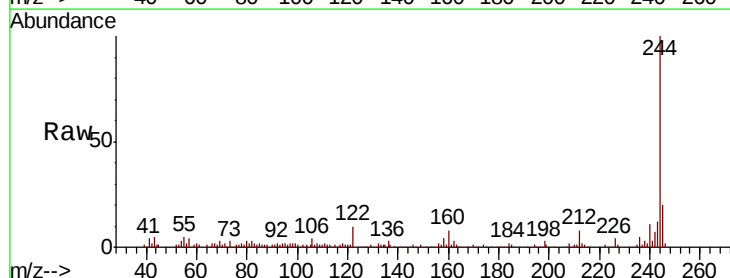
Tgt Ion:244 Resp: 110112

Ion Ratio Lower Upper

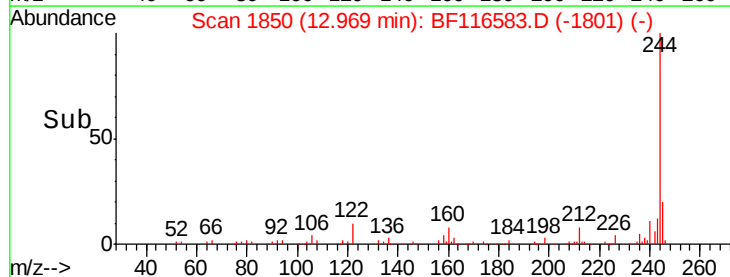
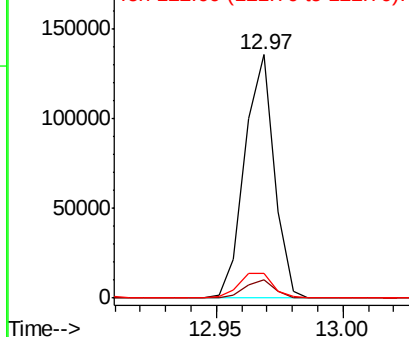
244 100

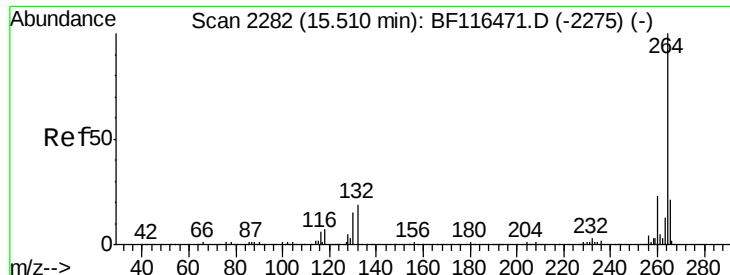
212 7.8 5.7 8.5

122 10.3 10.2 15.4



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: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF116583.D
 Acq: 27 Aug 2019 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.3	18.8	28.2	
265	21.9	17.1	25.7	

