

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115997.D
 Acq On : 5 Aug 2019 23:08
 Operator : HP/JU
 Sample : K4114-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PITRE

Quant Time: Aug 06 04:57:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

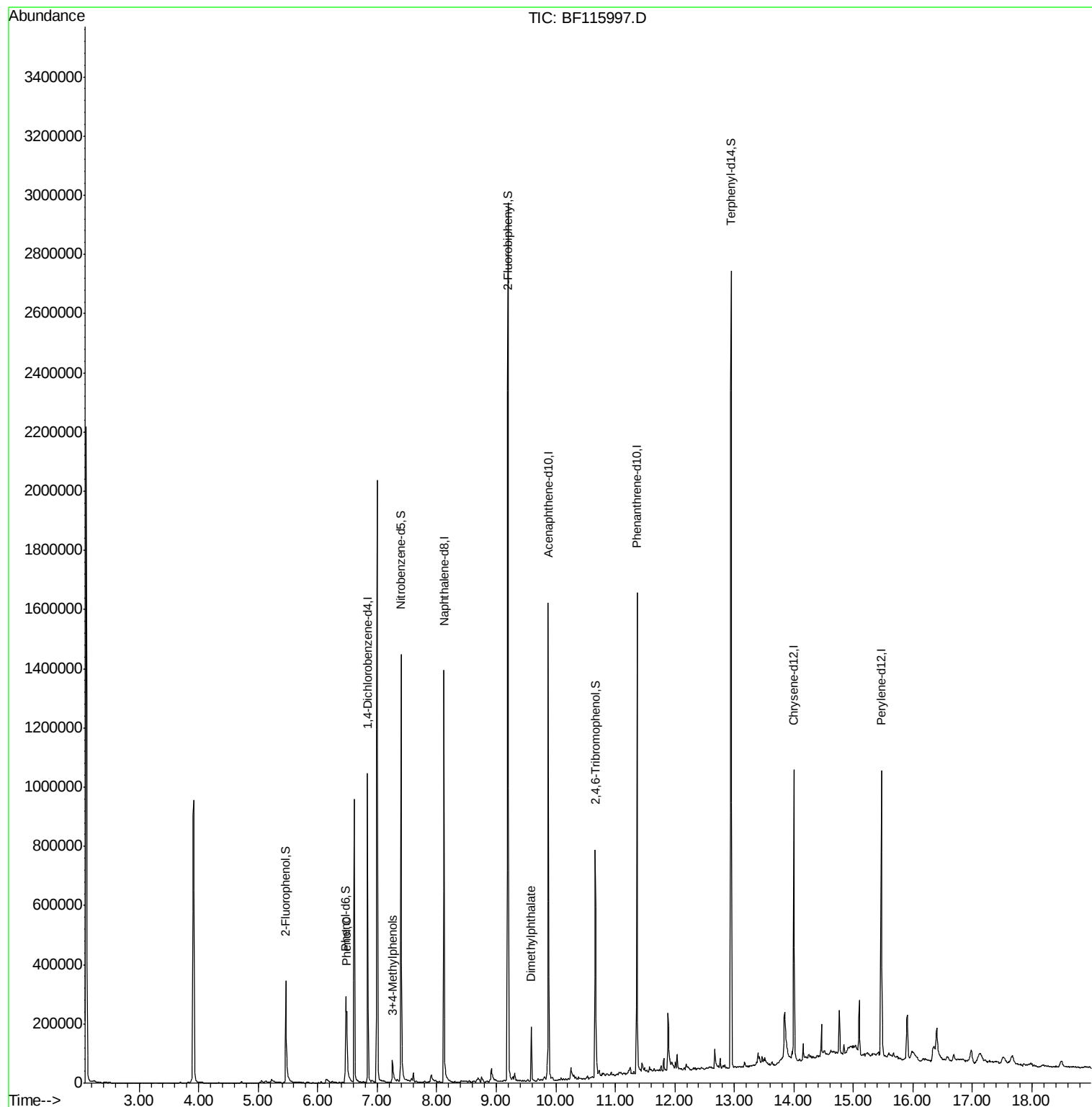
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153377	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	619371	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	327716	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	562755	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	337788	20.00	ng	-0.02
87) Perylene-d12	15.47	264	401820	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	134967	14.73	ng	0.00
7) Phenol-d6	6.47	99	116312	10.06	ng	-0.01
23) Nitrobenzene-d5	7.40	82	503972	46.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	93783	29.52	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	886629	50.68	ng	-0.02
79) Terphenyl-d14	12.94	244	899378	56.10	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	81852	6.013	ng	98
20) 3+4-Methylphenols	7.26	107	37077	3.652	ng	# 66
50) Dimethylphthalate	9.59	163	78671	3.526	ng	99

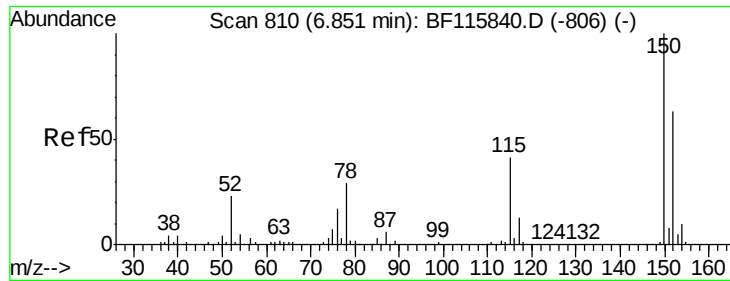
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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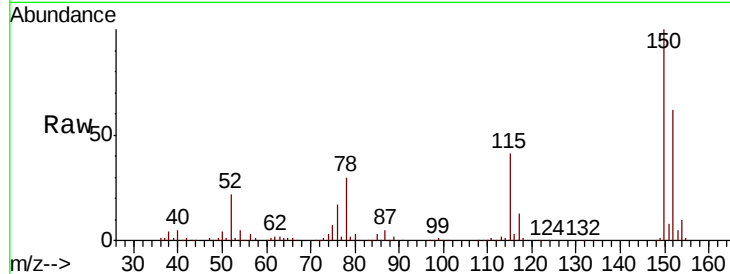


#1

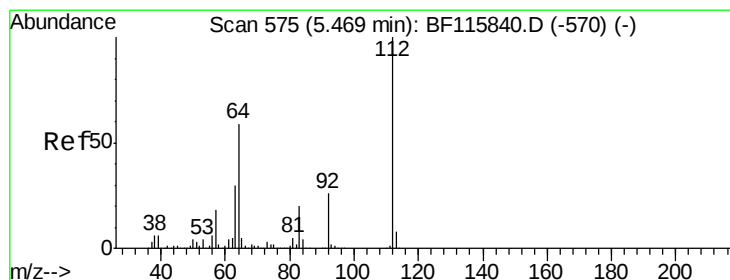
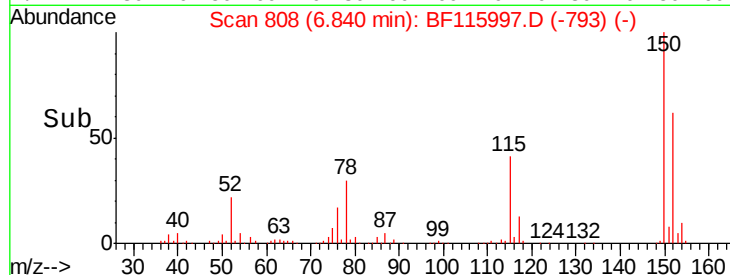
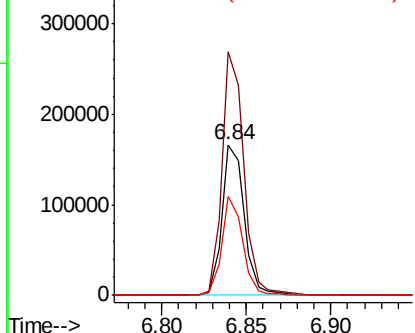
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PITRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	127.4	191.0
115	65.7	51.8	77.8



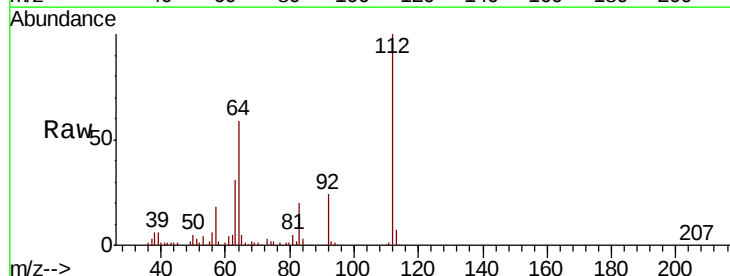
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



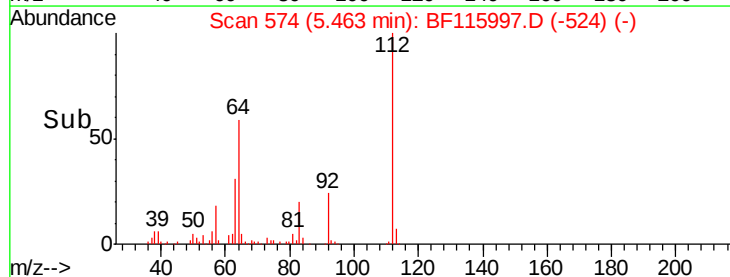
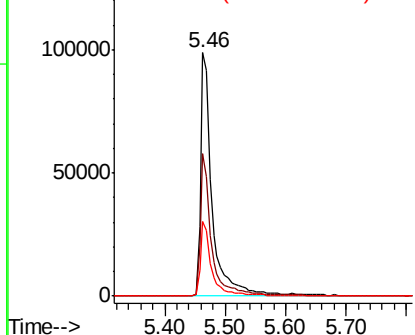
#5

2-Fluorophenol
Concen: 14.731 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.8	70.2
63	30.7	24.2	36.2



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: 10.062 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF115997.D

Acq: 5 Aug 2019 23:08

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PITRE

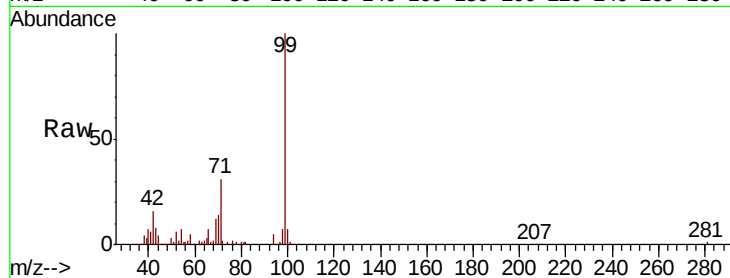
Tot Ion: 99 Resp: 116312

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

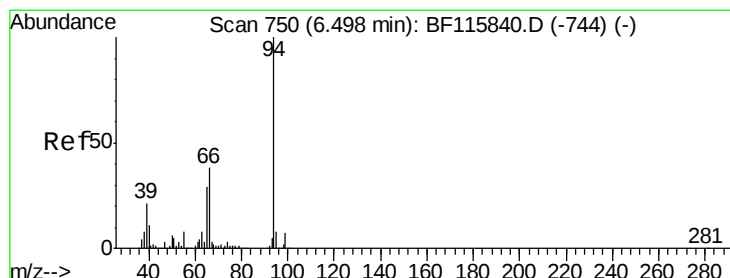
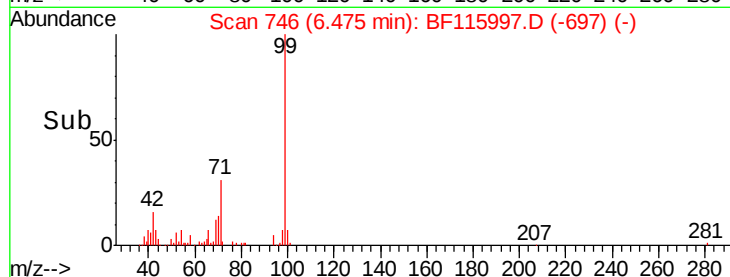
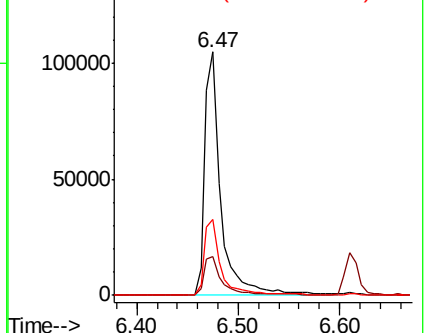
71 31.0 27.1 40.7



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



#10

Phenol

Concen: 6.013 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF115997.D

Acq: 5 Aug 2019 23:08

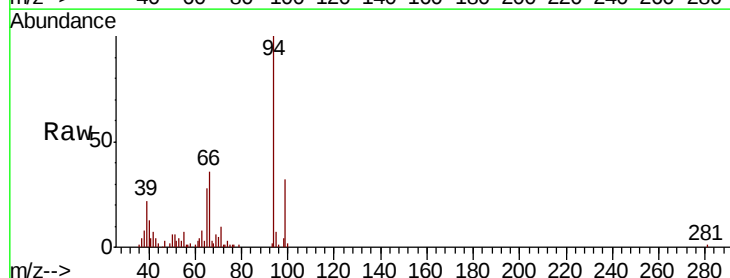
Tgt Ion: 94 Resp: 81852

Ion Ratio Lower Upper

94 100

65 28.2 8.9 48.9

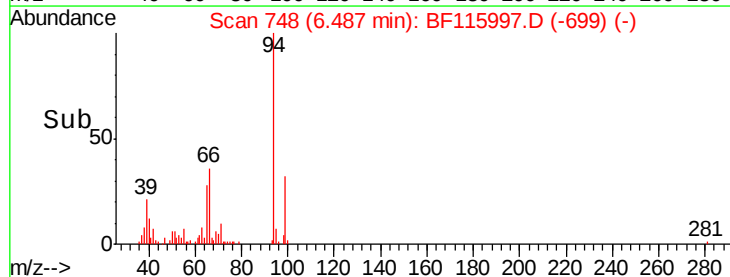
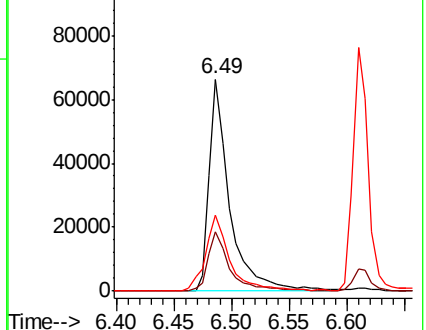
66 36.2 18.0 58.0

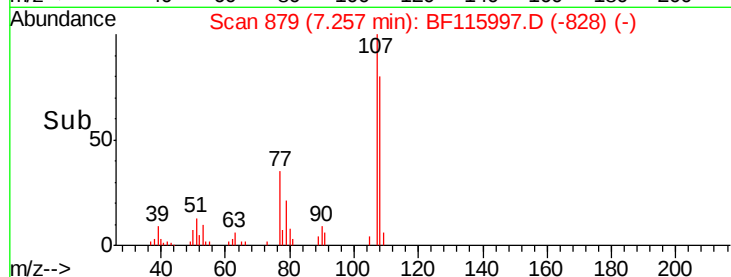
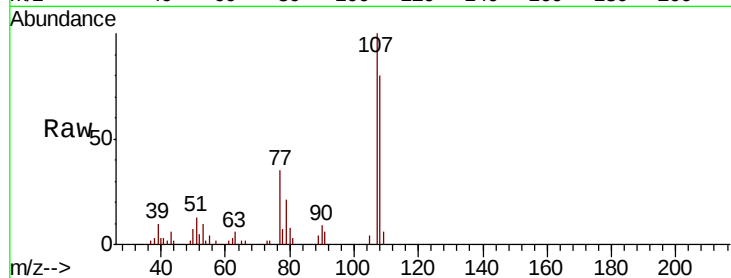
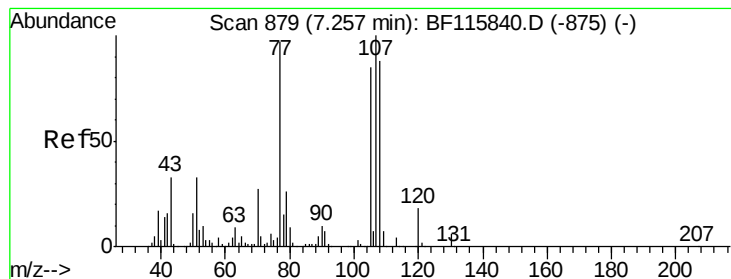


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 3.652 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF115997.D

Acq: 5 Aug 2019 23:08

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PITRE

Tot Ion:107 Resp: 37077

Ion Ratio Lower Upper

107 100

108 80.4 67.9 107.9

77 34.6 77.3 117.3#

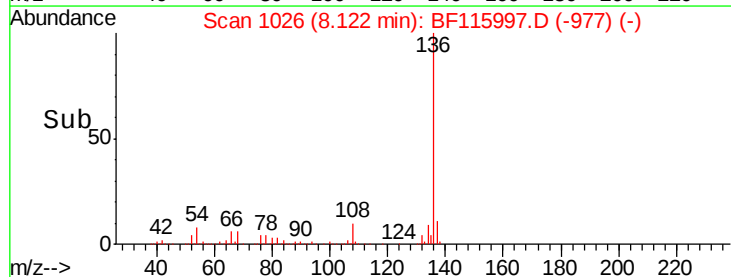
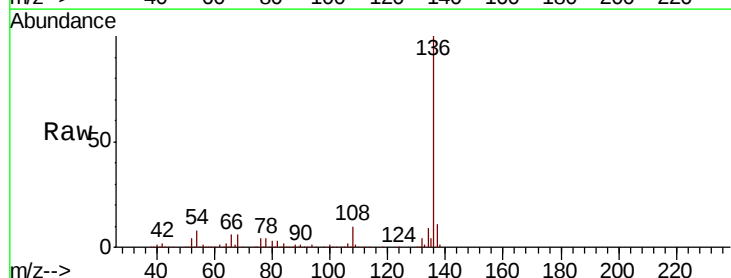
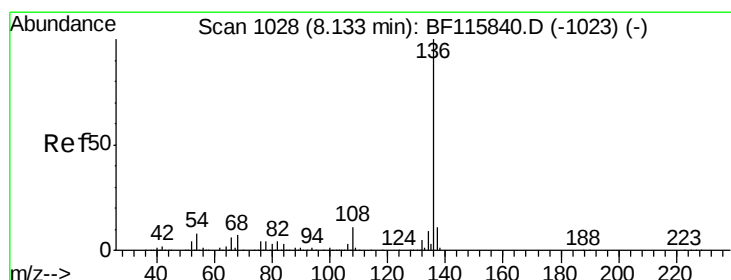
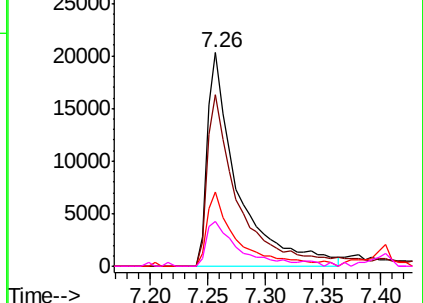
79 20.8 6.6 46.6

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF115997.D

Acq: 5 Aug 2019 23:08

Tgt Ion:136 Resp: 619371

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 6.1 9.1

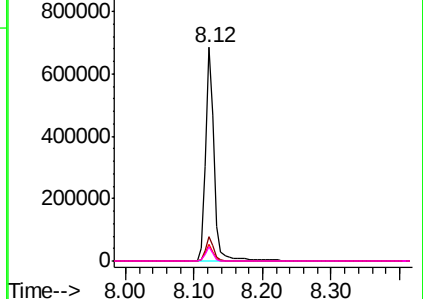
68 6.5 5.4 8.2

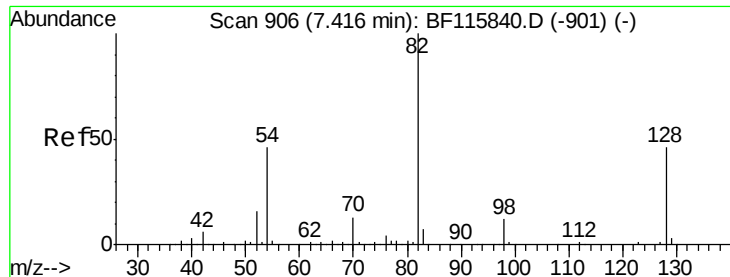
Abundance Ion 136.00 (135.70 to 136.70): E

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

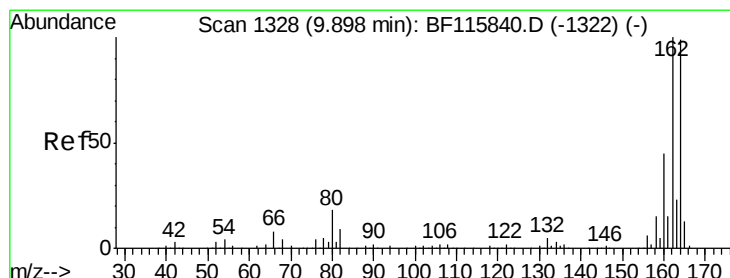
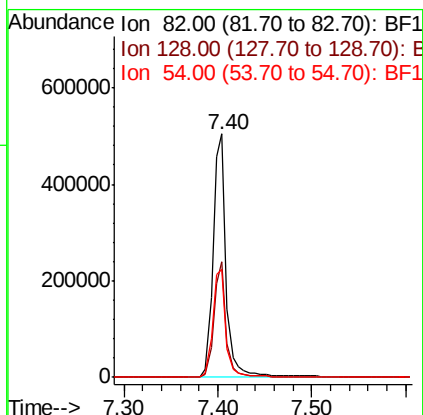
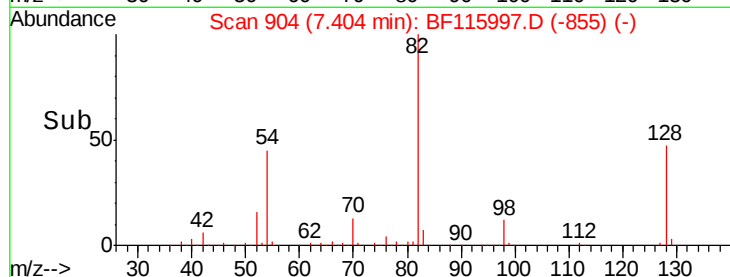
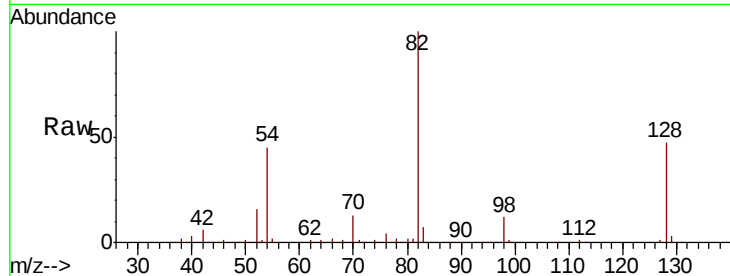




#23
Nitrobenzene-d5
Concen: 46.968 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

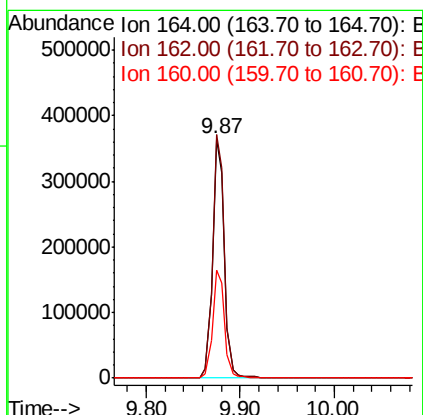
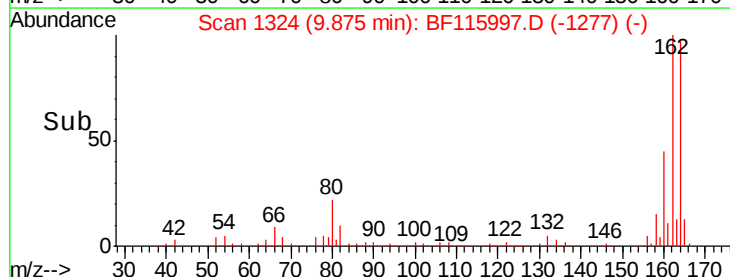
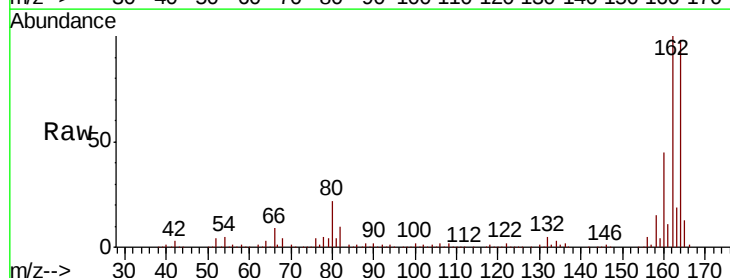
Instrument :
BNA_F
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CS-TEST-PITRE

Tot Ion: 82 Resp: 503972
Ion Ratio Lower Upper
82 100
128 47.3 36.6 55.0
54 44.5 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

Tgt Ion: 164 Resp: 327716
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 45.4 36.2 54.4

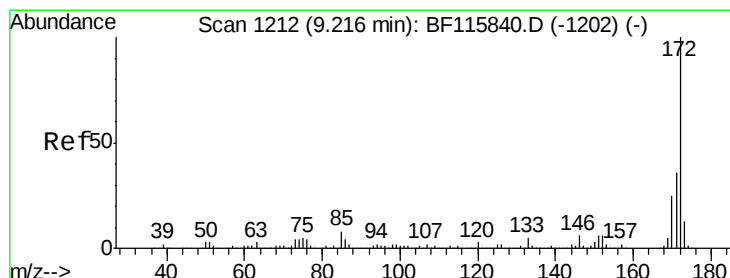
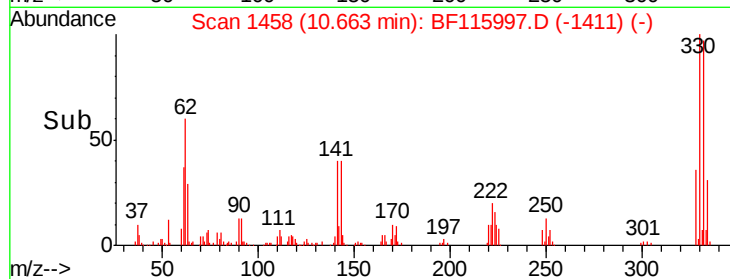
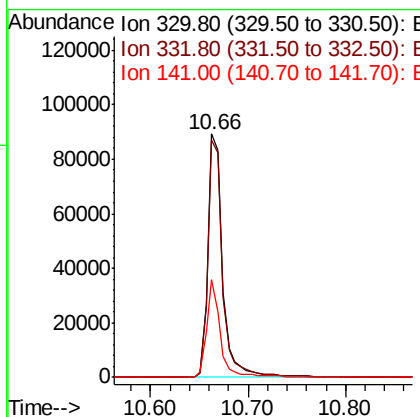
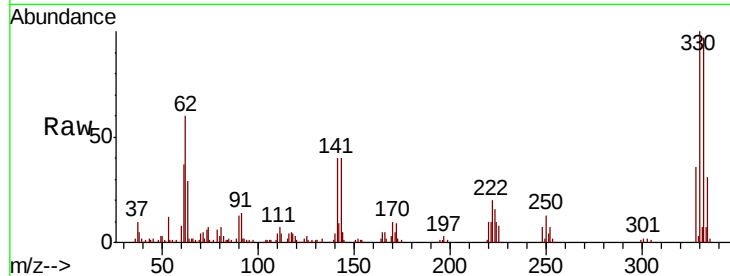




#42
 2,4,6-Tribromophenol
 Concen: 29.517 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

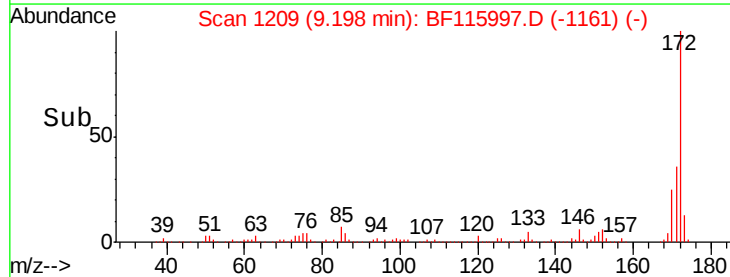
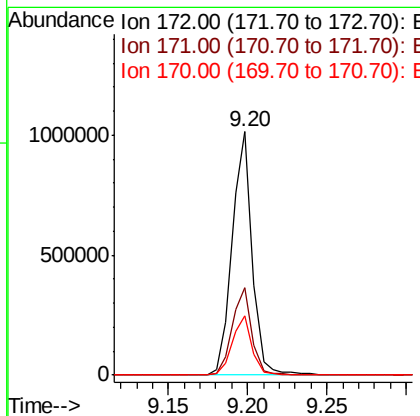
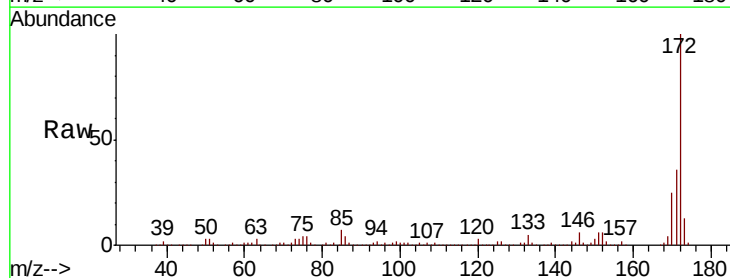
Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PITRE

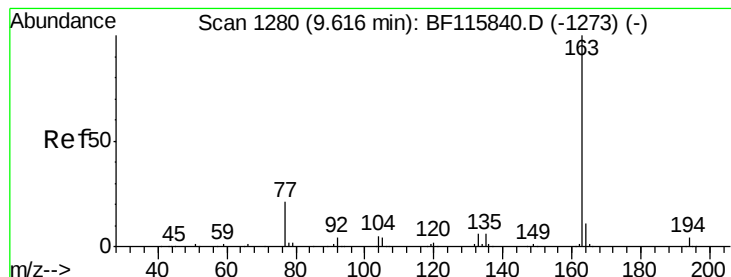
Tot Ion:330 Resp: 93783
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.7 116.5
 141 36.8 28.1 42.1



#45
 2-Fluorobiphenyl
 Concen: 50.676 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

Tgt Ion:172 Resp: 886629
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.1 43.7
 170 24.5 20.1 30.1





#50

Dimethylphthalate

Concen: 3.526 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF115997.D

Acq: 5 Aug 2019 23:08

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PITRE

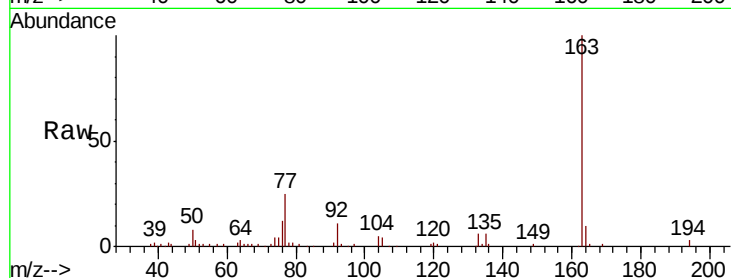
Tot Ion:163 Resp: 78671

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

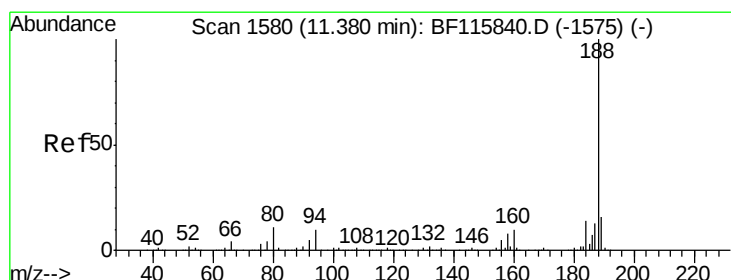
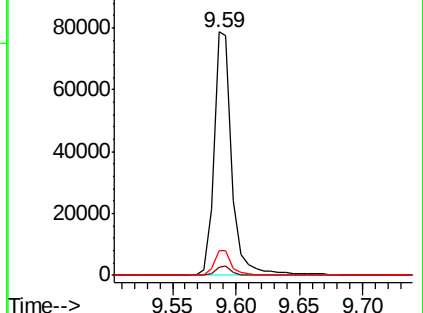
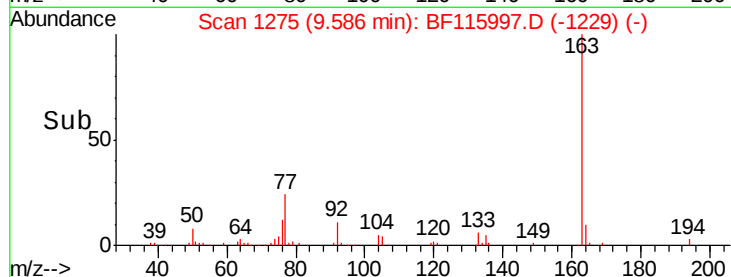
164 10.4 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF115997.D

Acq: 5 Aug 2019 23:08

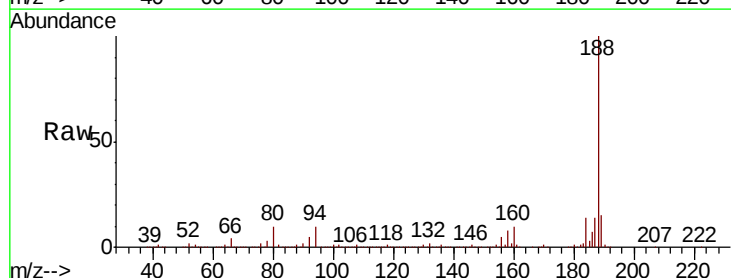
Tgt Ion:188 Resp: 562755

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

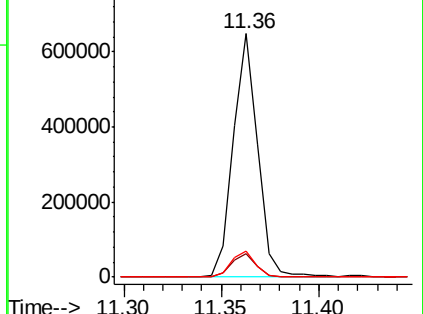
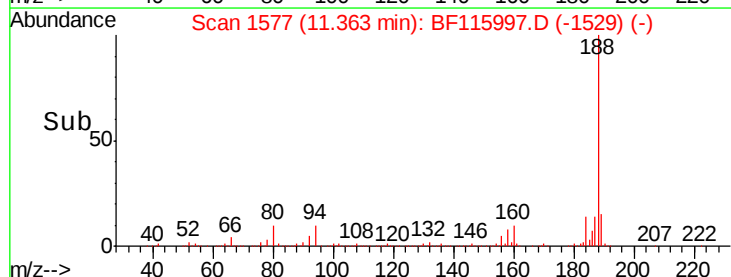
80 10.5 8.6 12.8

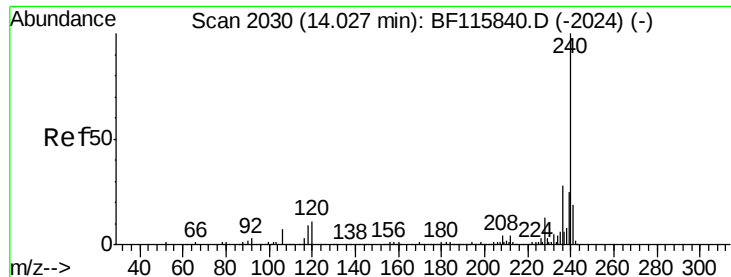


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

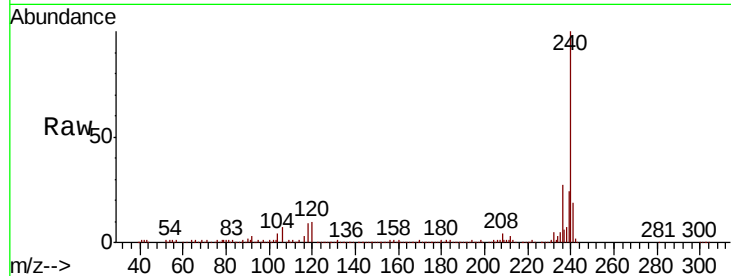




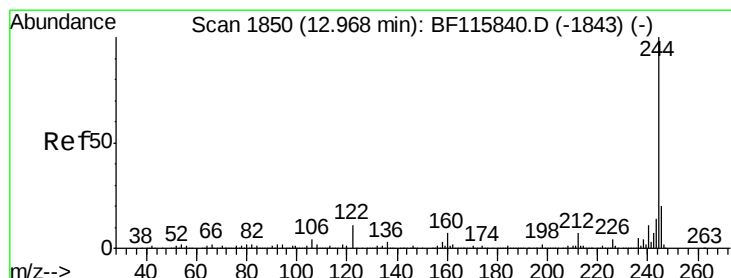
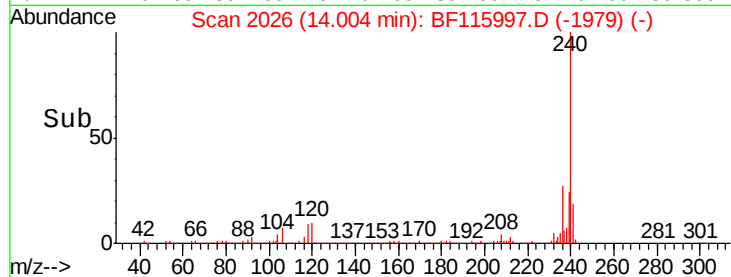
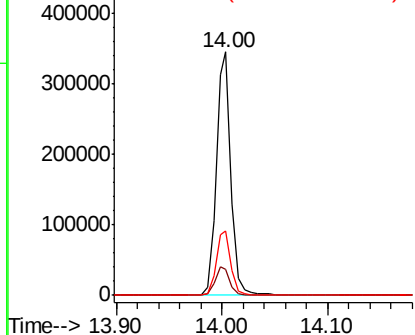
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PITRE

Tot Ion:240 Resp: 337788
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.5 12.7
 236 26.6 22.2 33.2

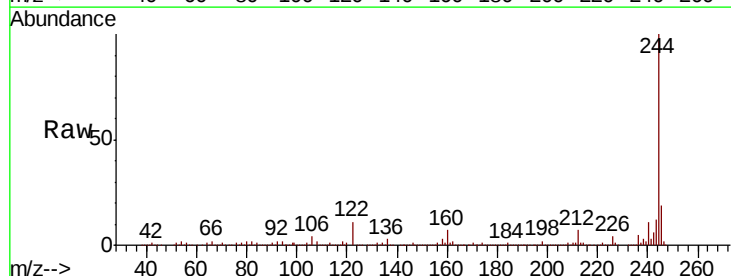


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

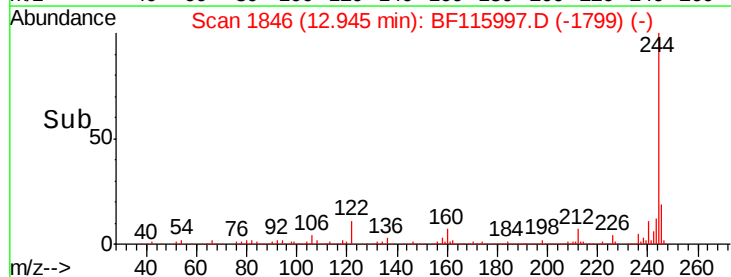
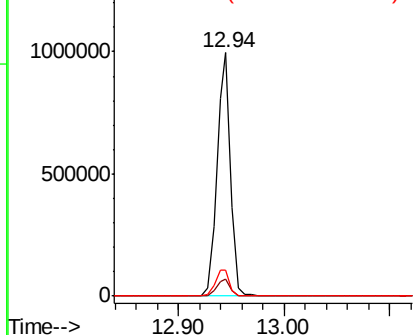


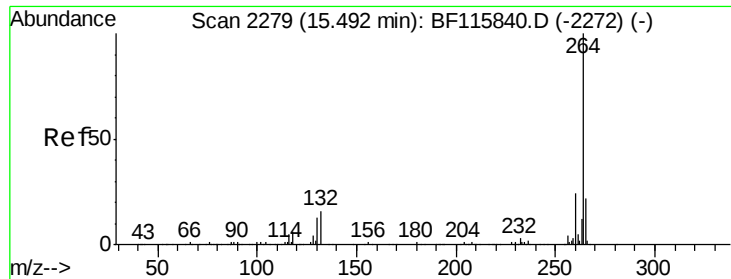
#79
 Terphenyl-d14
 Concen: 56.104 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

Tgt Ion:244 Resp: 899378
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 8.6 13.0



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: 15.47 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PITRE

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.5	19.4	29.2	
265	21.6	17.5	26.3	

