

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 01:40:00 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

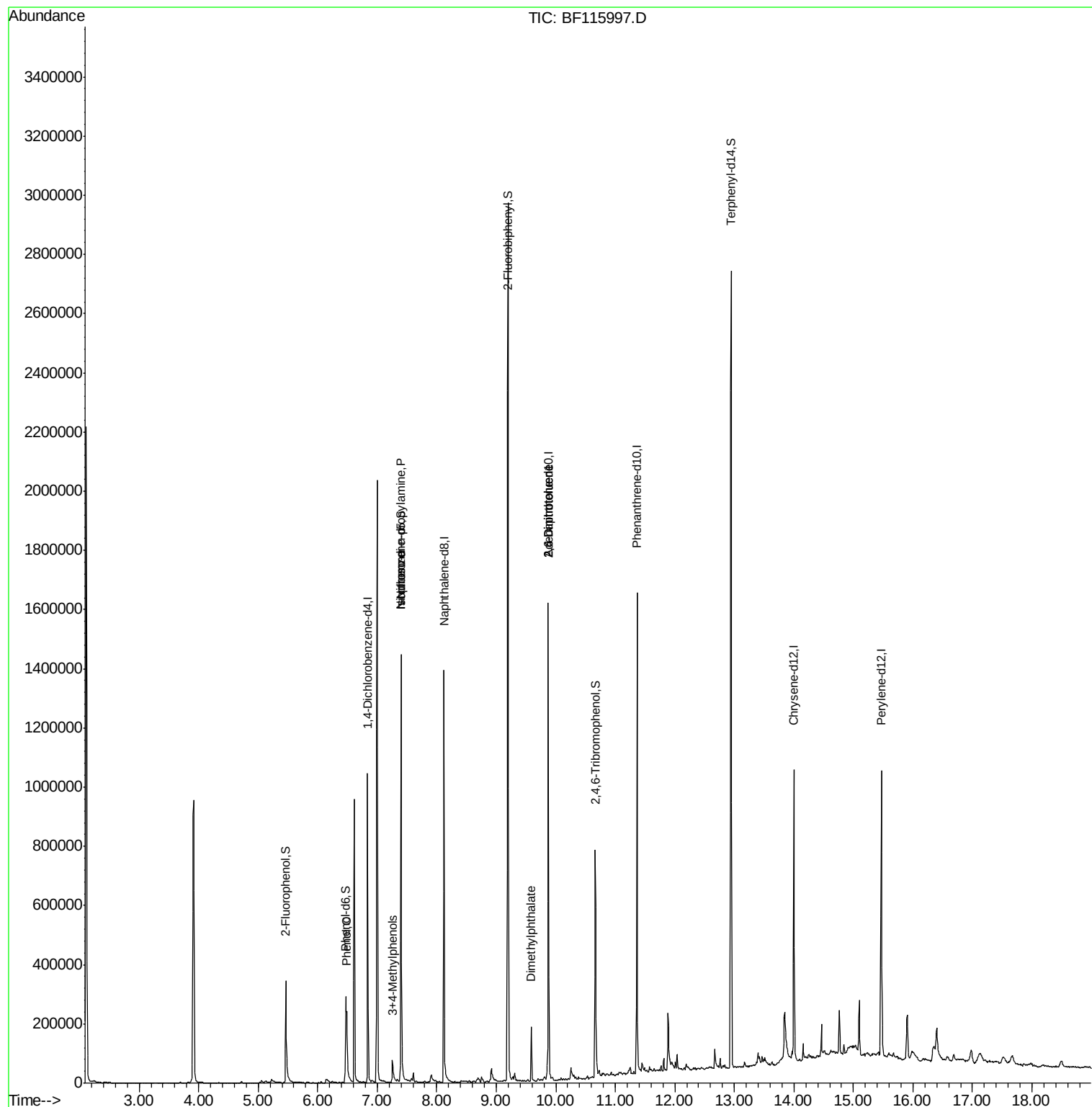
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153377	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	619371	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	327716	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	562755	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	337788	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
19) n-Nitroso-di-n-propylamine	7.40	70	68468	9.558	ng	# 77
20) 3+4-Methylphenols	7.26	107	37077	3.652	ng	# 66
25) Isophorone	7.40	82	503968	24.563	ng	# 66
50) Dimethylphthalate	9.59	163	78671	3.526	ng	99
51) 2,6-Dinitrotoluene	9.87	165	42540	8.773	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	42540	6.589	ng	# 25

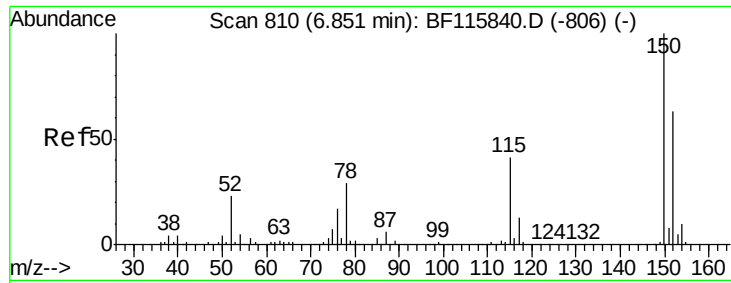
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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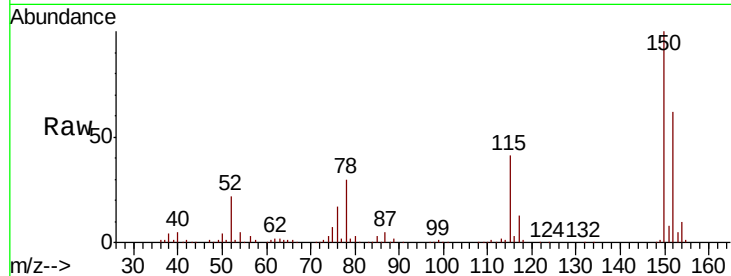


#1

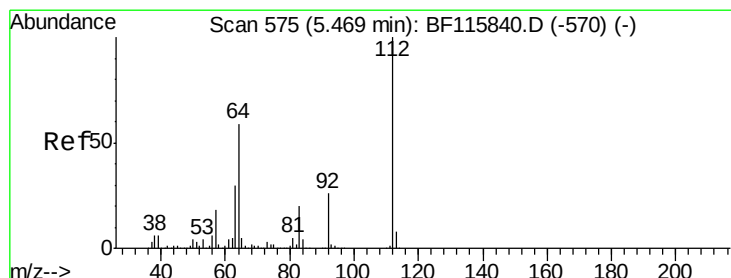
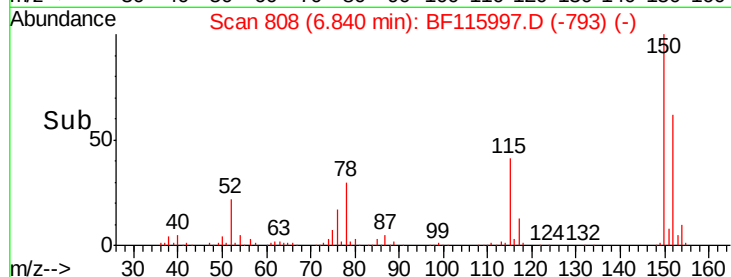
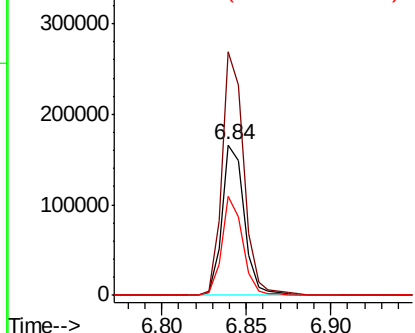
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PITRE

Tgt Ion:152 Resp: 153377
Ion Ratio Lower Upper
152 100
150 162.1 127.4 191.0
115 65.7 51.8 77.8



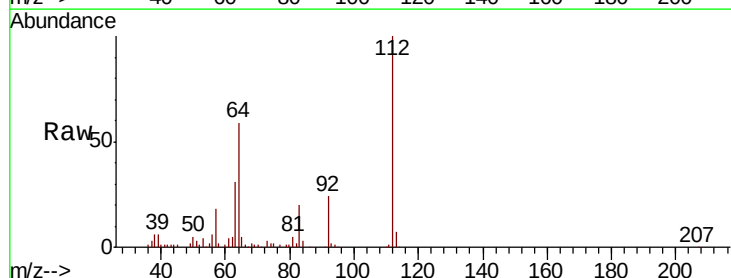
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



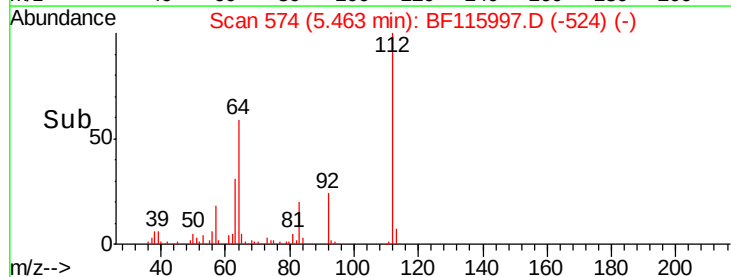
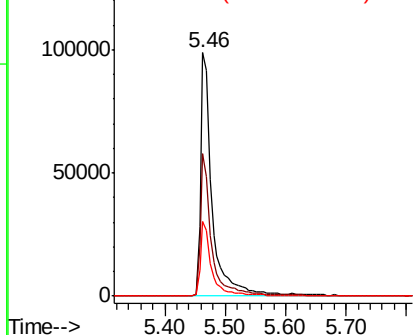
#5

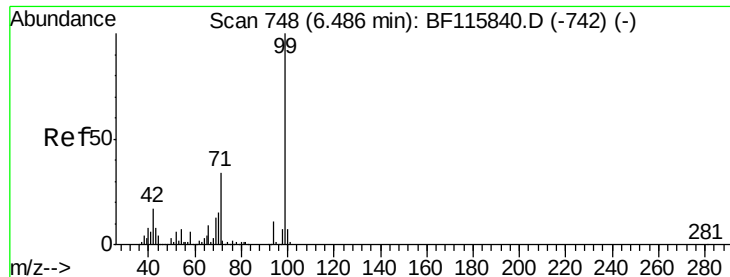
2-Fluorophenol
Concen: 14.731 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

Tgt Ion:112 Resp: 134967
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

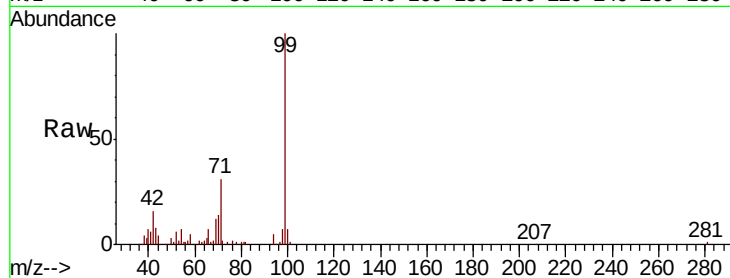
Tgt Ion: 99 Resp: 116312

Ion Ratio Lower Upper

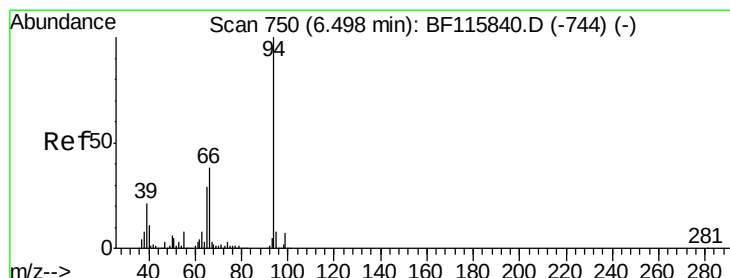
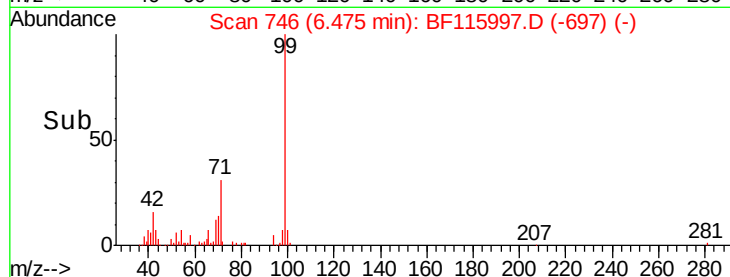
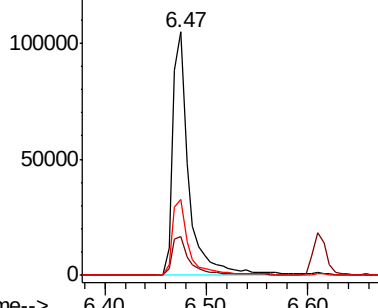
99 100

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

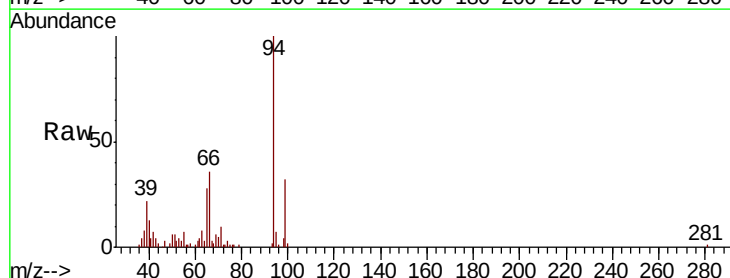
Tgt Ion: 94 Resp: 81852

Ion Ratio Lower Upper

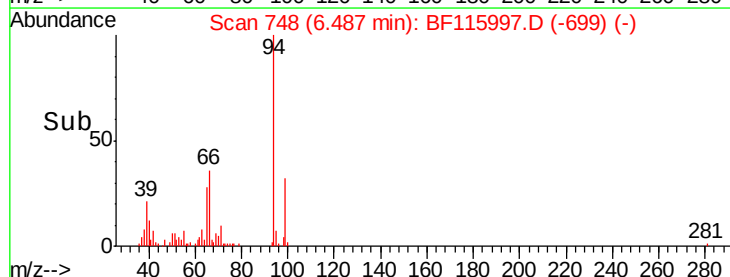
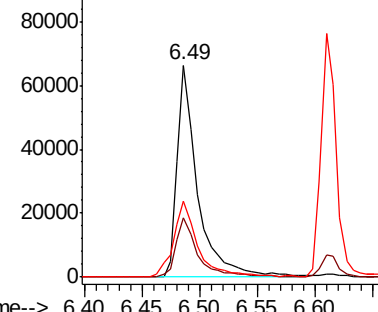
94 100

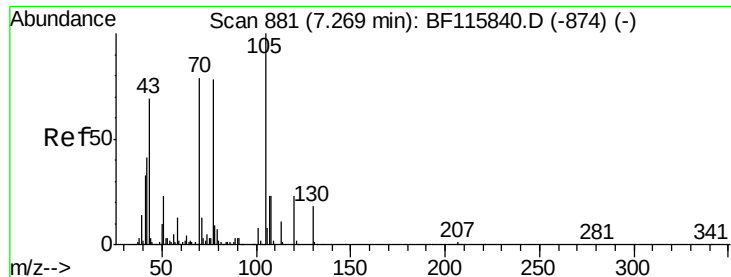
65 28.2 8.9 48.9

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

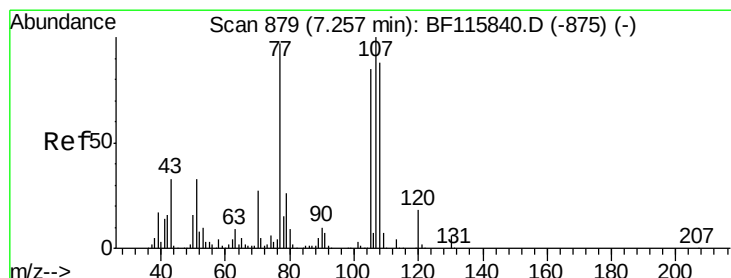
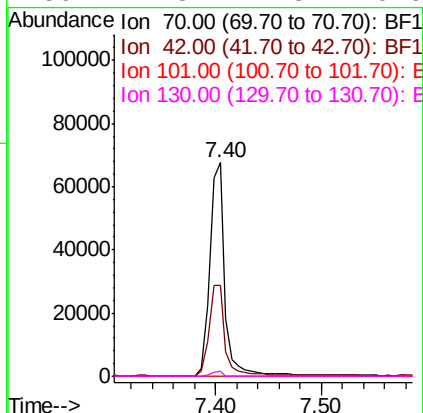
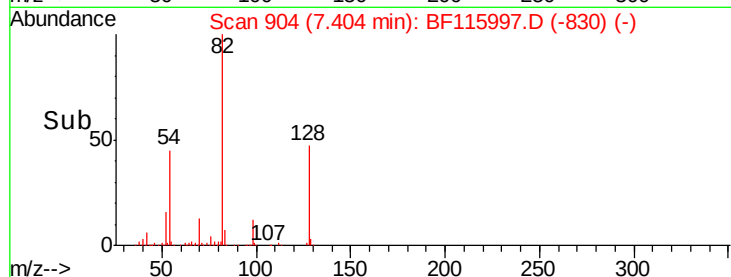
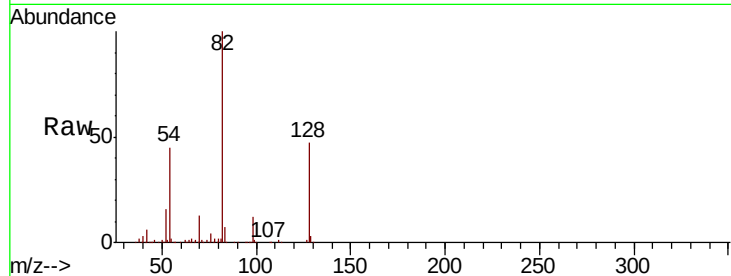




#19
n-Nitroso-di-n-propylamine
Concen: 9.558 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

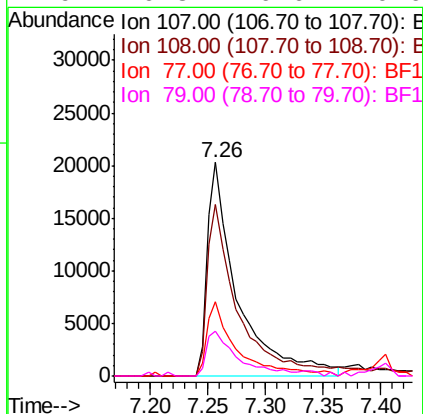
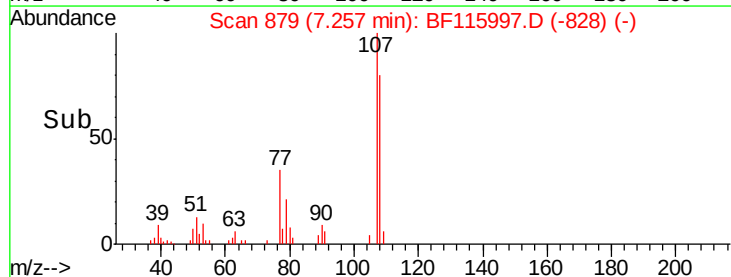
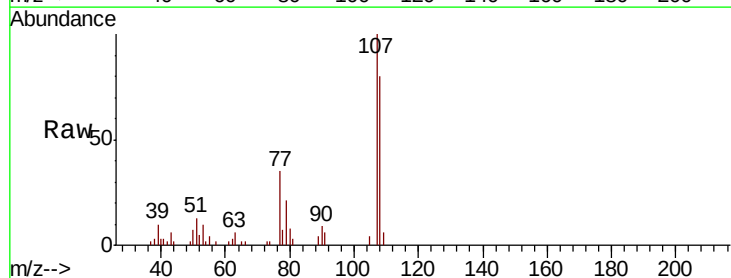
Instrument :
BNA_F
ClientSampleId :
CS-TEST-PITRE

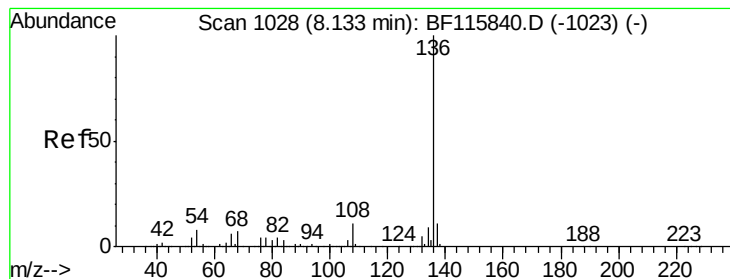
Tgt Ion: 70 Resp: 68468
Ion Ratio Lower Upper
70 100
42 42.6 41.8 62.8
101 0.0 7.7 11.5#
130 2.3 17.8 26.6#



#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

Tgt 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





#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

Instrument :

BNA_F

ClientSampleId :

CS-TEST-PITRE

Tgt Ion:136 Resp: 619371

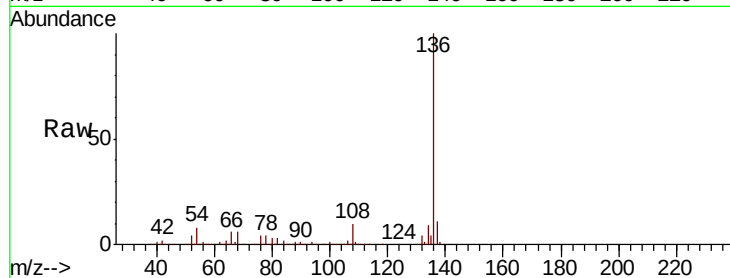
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.6 6.1 9.1

68 6.5 5.4 8.2

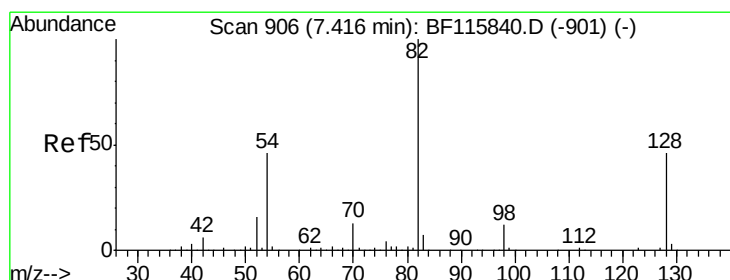
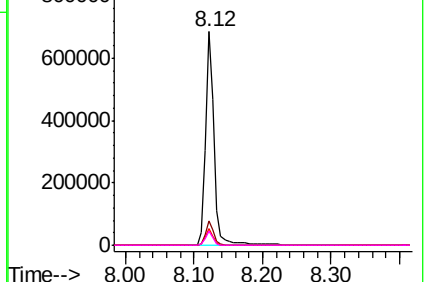
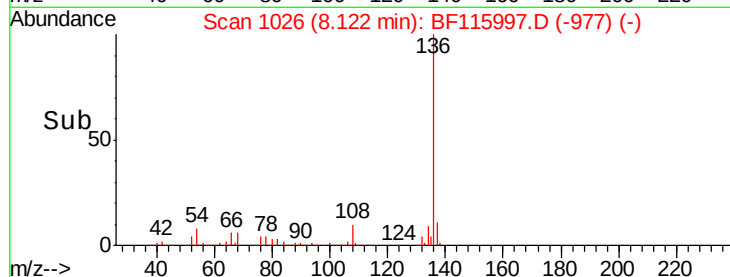


Abundance Ion 136.00 (135.70 to 136.70): E

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

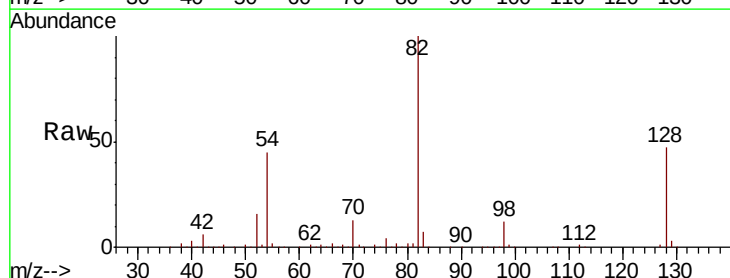
Tgt Ion: 82 Resp: 503972

Ion Ratio Lower Upper

82 100

128 47.3 36.6 55.0

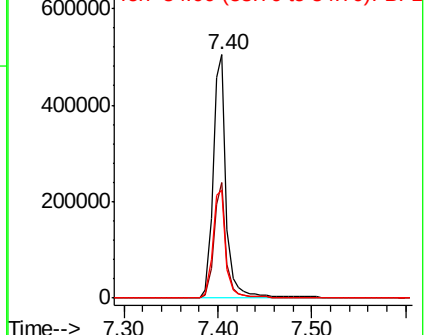
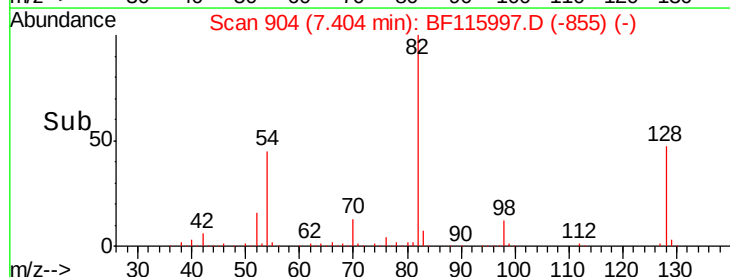
54 44.5 36.6 55.0

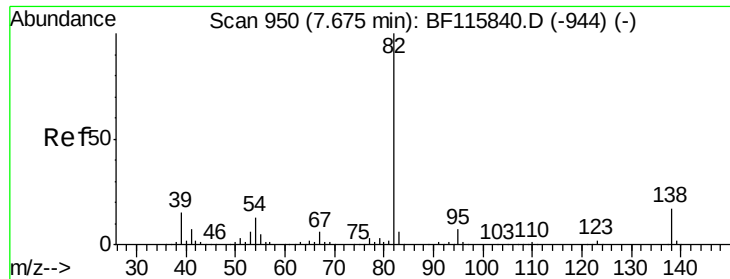


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 24.563 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF115997.D

Acq: 5 Aug 2019 23:08

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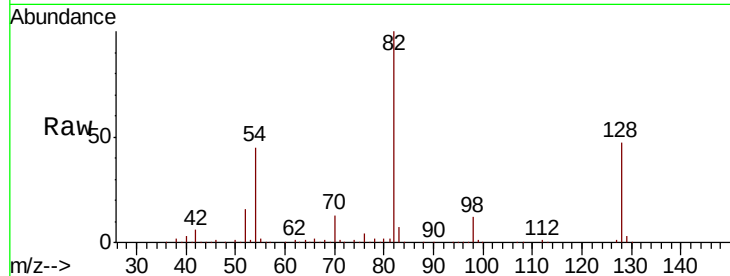
Tgt Ion: 82 Resp: 503968

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 13.9 20.9#



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): E

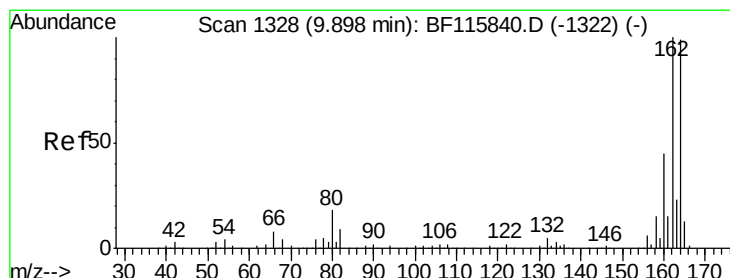
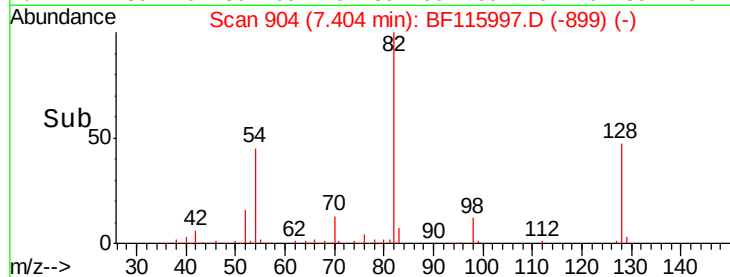
7.40

400000

200000

0

Time--> 7.30 7.40 7.50



#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

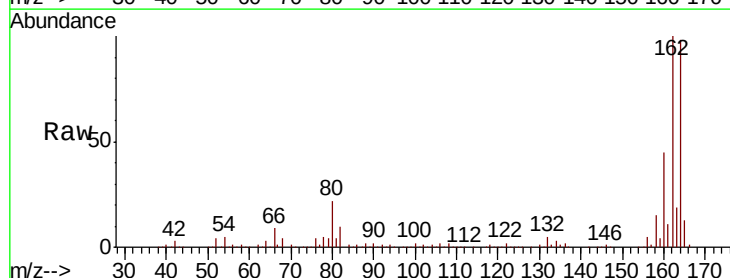
Tgt Ion: 164 Resp: 327716

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 45.4 36.2 54.4



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

9.87

400000

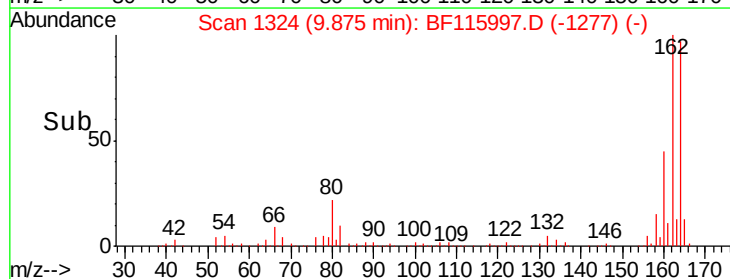
300000

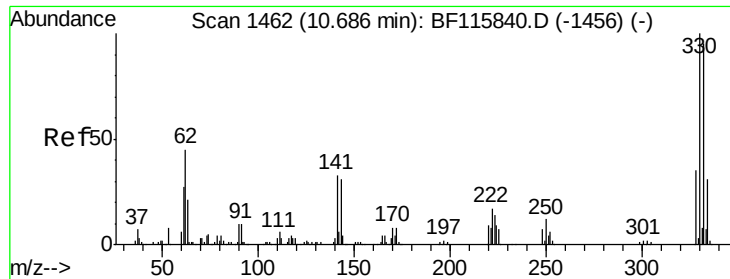
200000

100000

0

Time--> 9.80 9.90 10.00

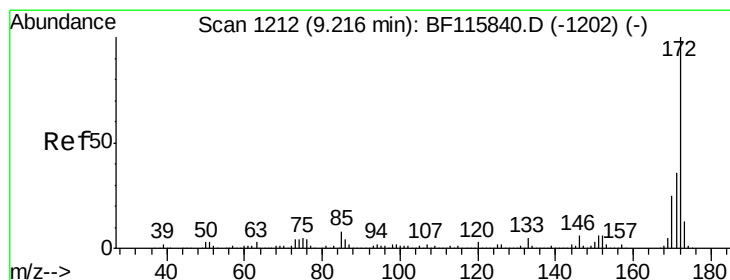
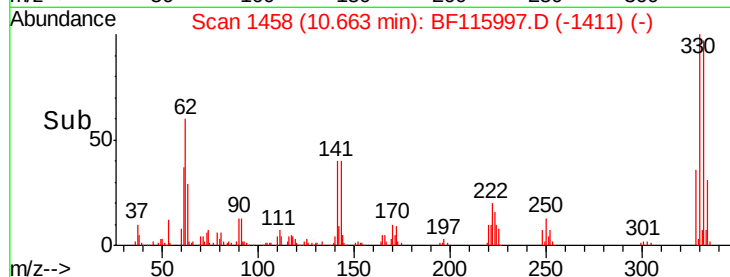
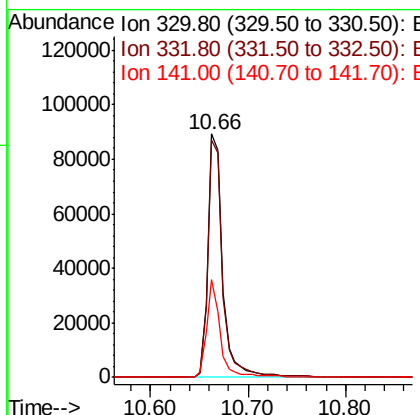
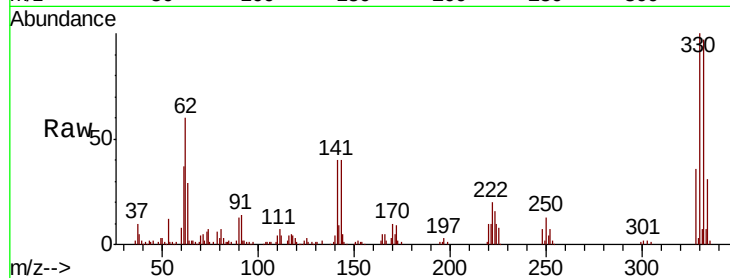




#42
 2,4,6-Tribromophenol
 Concen: 29.517 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

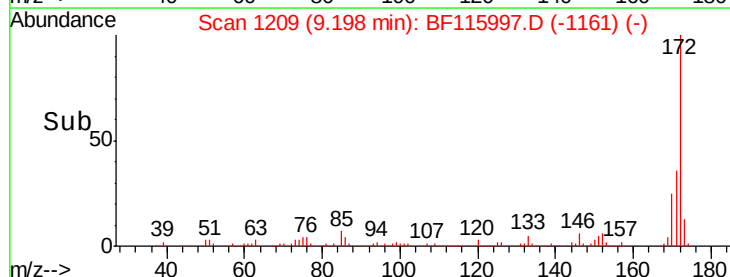
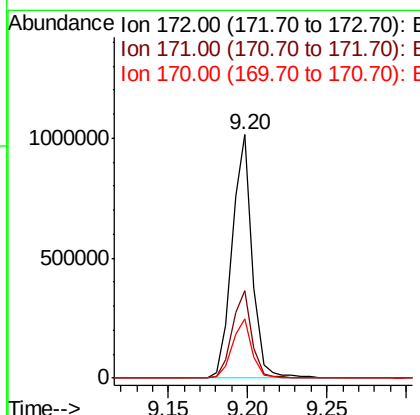
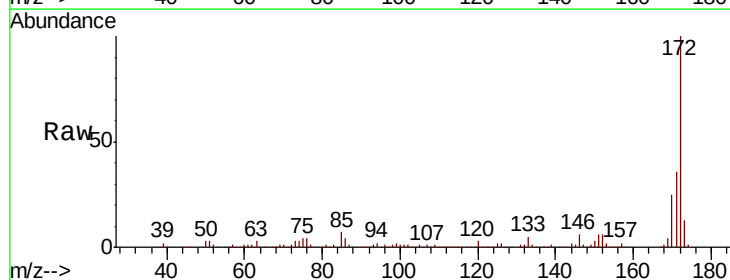
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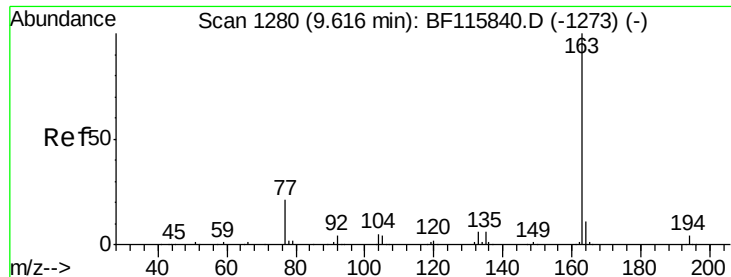
Tgt Ion:330 Resp: 93783
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.7 116.5
 141 36.8 28.1 42.1



#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

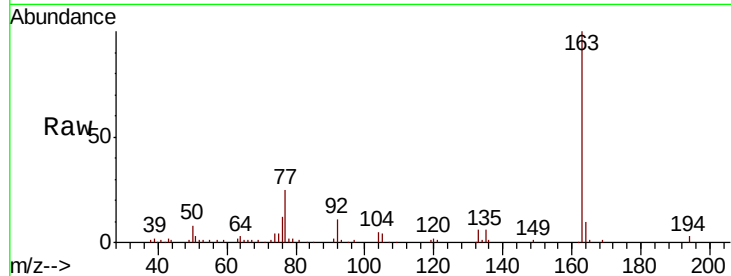




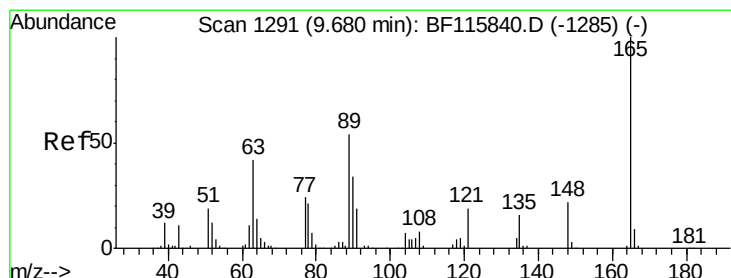
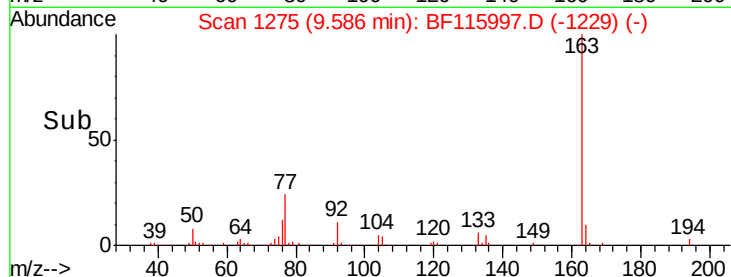
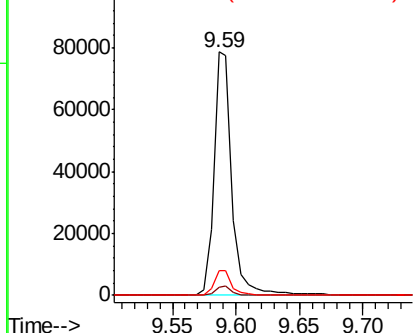
#50
Dimethylphthalate
Concen: 3.526 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

Instrument :
BNA_F
ClientSampleId :
CS-TEST-PITRE

Tgt Ion:163 Resp: 78671
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.4 8.4 12.6

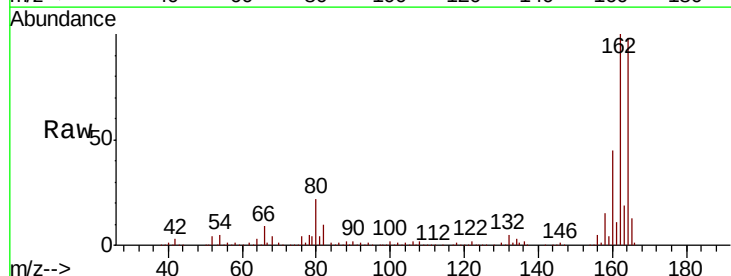


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

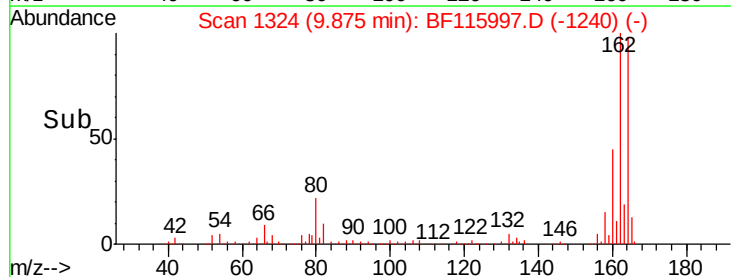
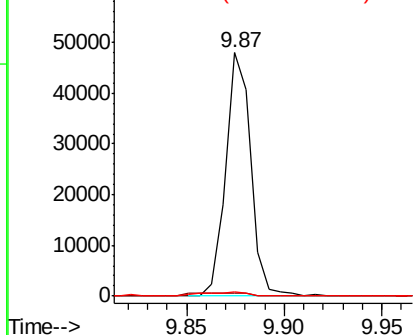


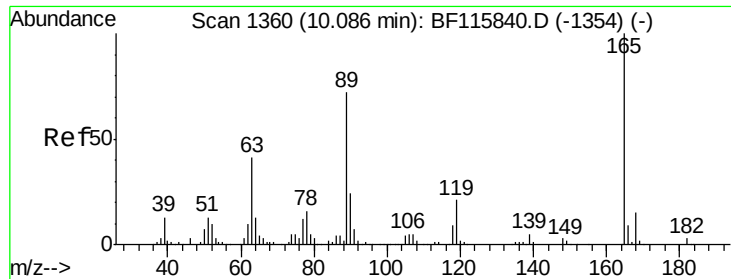
#51
2,6-Dinitrotoluene
Concen: 8.773 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.19 min
Lab File: BF115997.D
Acq: 5 Aug 2019 23:08

Tgt Ion:165 Resp: 42540
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.2#
89 1.9 43.0 64.6#



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

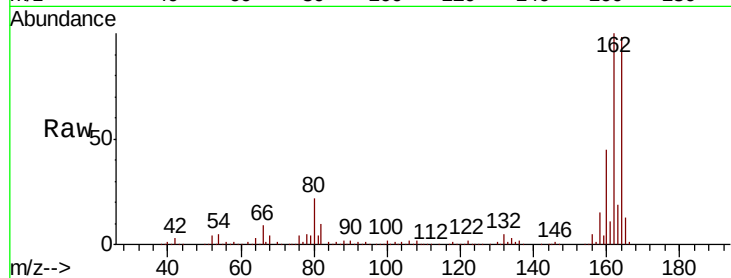




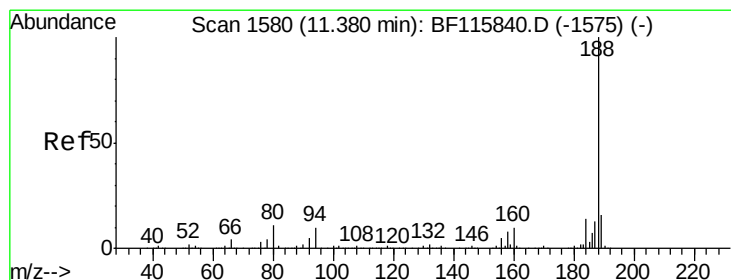
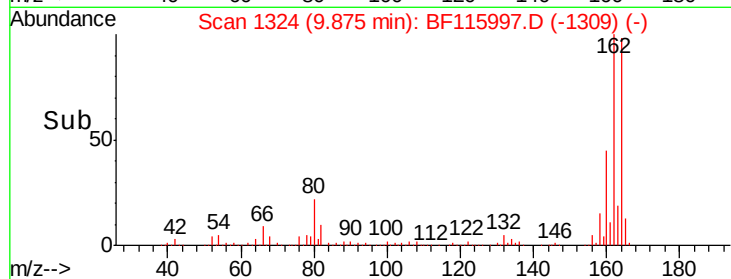
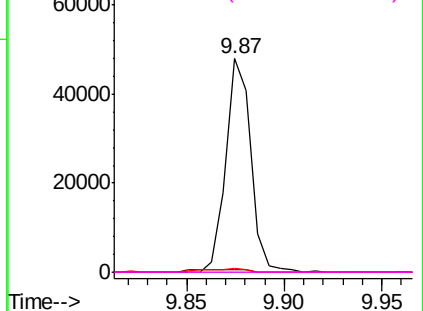
#57
 2,4-Dinitrotoluene
 Concen: 6.589 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PITRE

Tgt Ion:	165	Resp:	42540
Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.2	49.8#
89	1.9	57.3	85.9#
182	0.0	2.1	3.1#

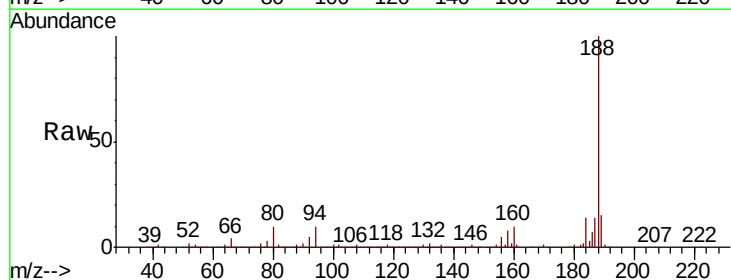


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

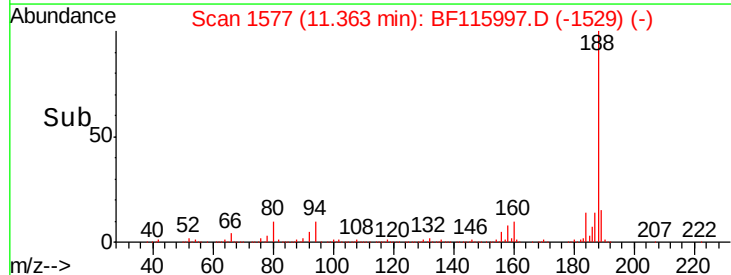
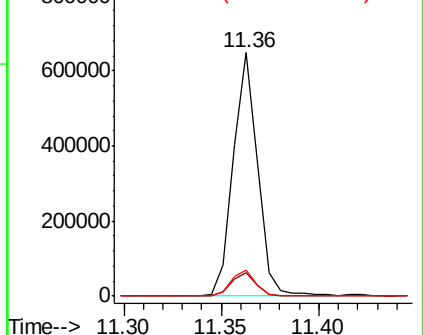


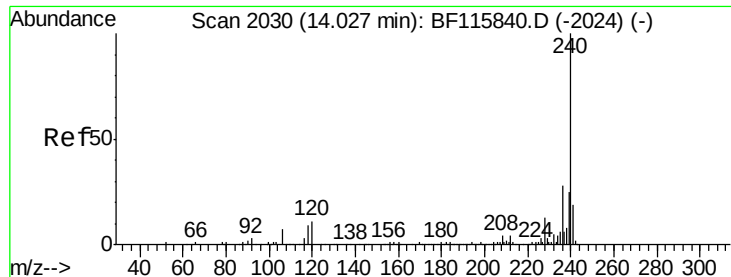
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

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

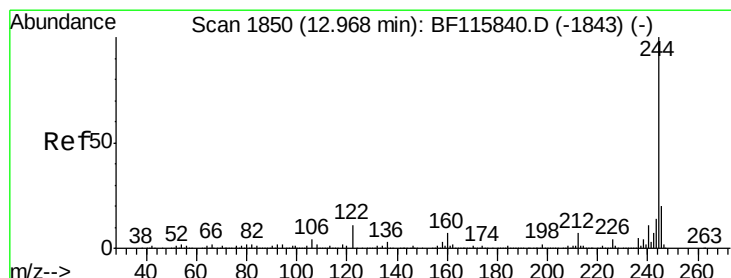
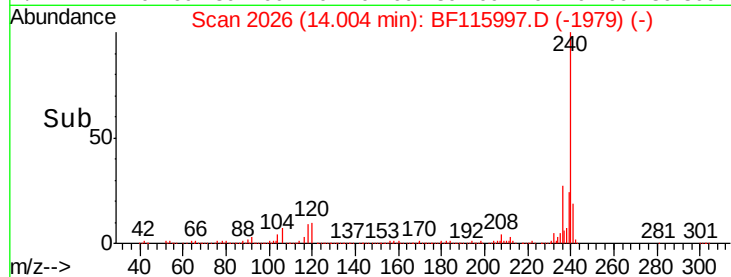
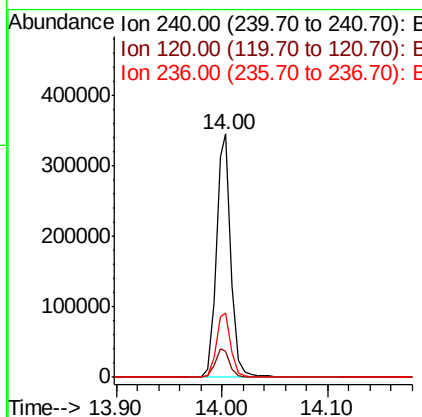
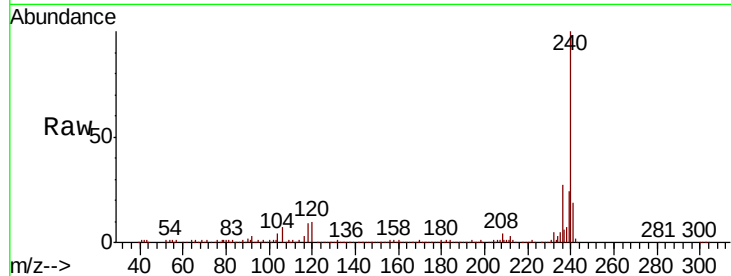




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF115997.D
 Acq: 5 Aug 2019 23:08

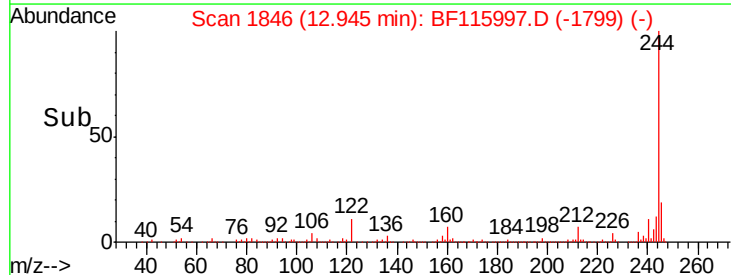
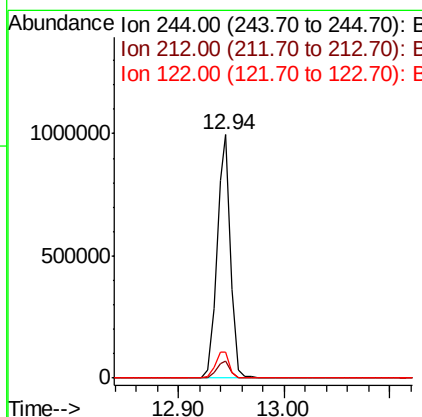
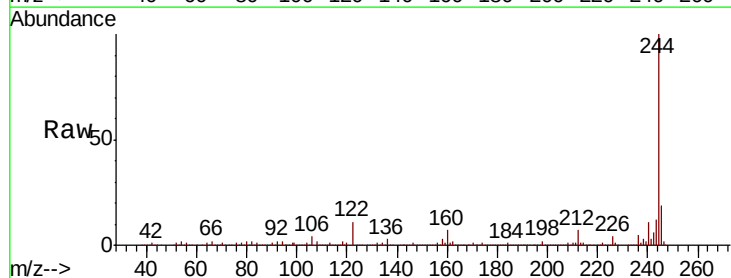
Instrument :
 BNA_F
 ClientSampleId :
 CS-TEST-PITRE

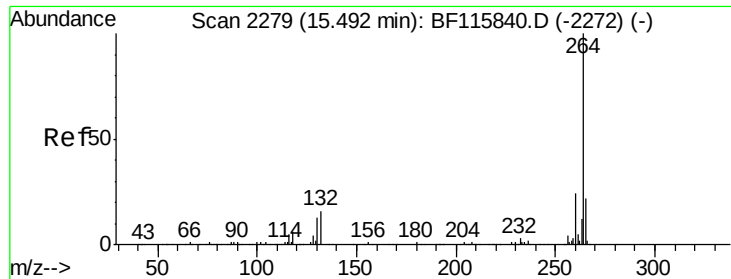
Tgt Ion:240 Resp: 337788
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.5 12.7
 236 26.6 22.2 33.2



#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





#87
Perylene-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

Tgt Ion: 264 Resp: 401820
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.6 17.5 26.3

