

Data File : BF115290.D
Acq On : 28 Jun 2019 19:17
Operator : HP/JU
Sample : K3554-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-15

Quant Time: Jun 29 02:37:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	246605	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	939884	20.00	ng	-0.01
39) Acenaphthene-d10	9.62	164	474134	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	967874	20.00	ng	0.00
76) Chrysene-d12	13.71	240	776321	20.00	ng	0.00
87) Perylene-d12	15.07	264	738848	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1581626	98.97	ng	0.02
7) Phenol-d6	6.24	99	1769500	91.23	ng	0.00
23) Nitrobenzene-d5	7.16	82	1341329	87.79	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	697625	139.53	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2896338	103.76	ng	0.00
79) Terphenyl-d14	12.68	244	3567839	97.71	ng	0.00

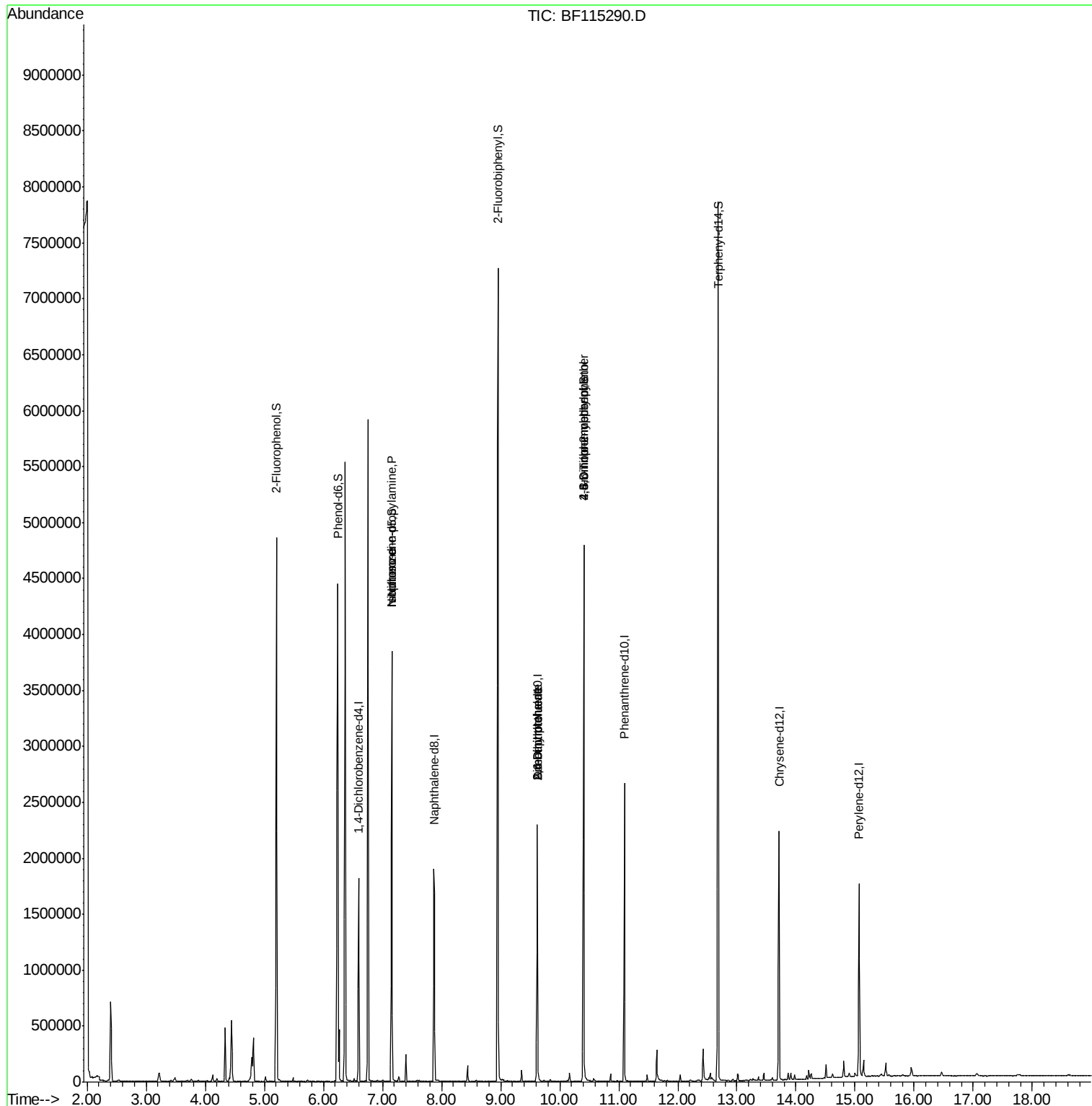
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	180860	14.565	ng	# 75
25) Isophorone	7.16	82	1341311	42.854	ng	# 63
50) Dimethylphthalate	9.62	163	130349	3.737	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	60526	7.516	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	60526	5.821	ng	# 30
58) Fluorene	10.41	166	31218	Below Cal		# 88
65) 4,6-Dinitro-2-methylphenol	10.41	198	1421	5.207	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	44460	4.237	ng	# 1

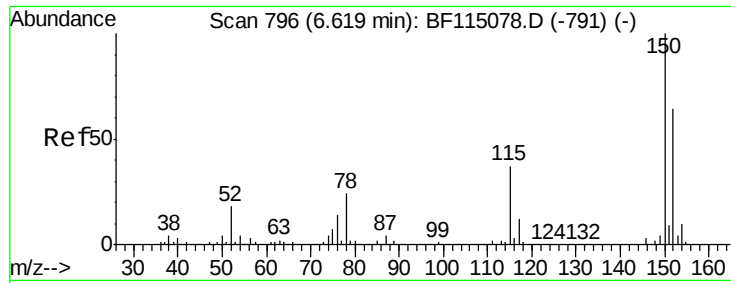
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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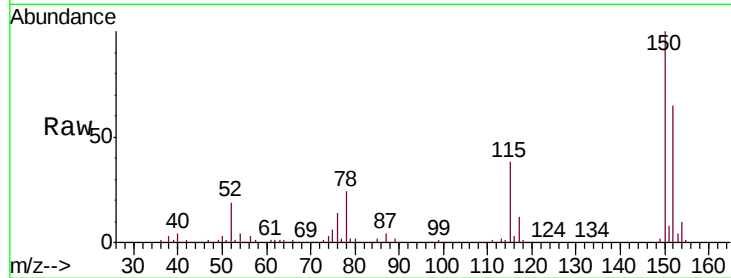


#1

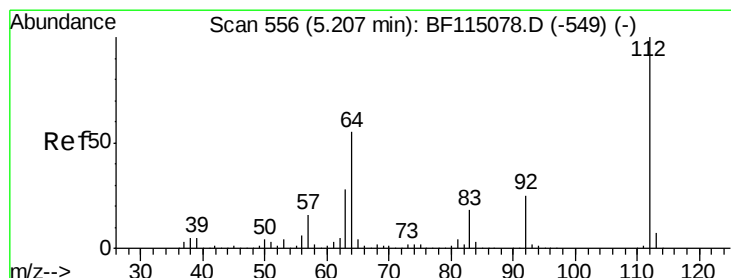
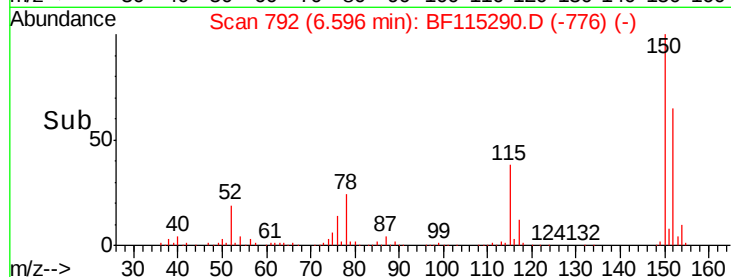
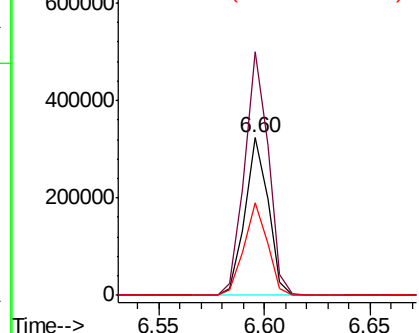
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115290.D
Acq: 28 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-15

Tgt Ion:152 Resp: 246605
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 58.4 46.1 69.1



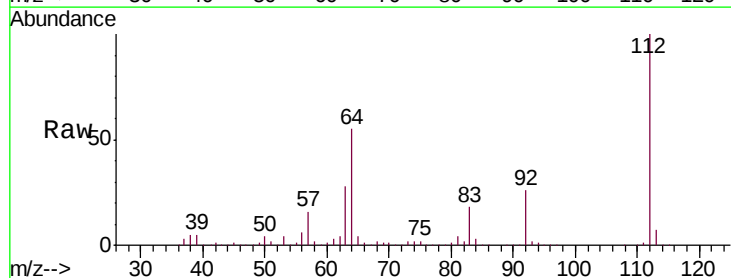
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



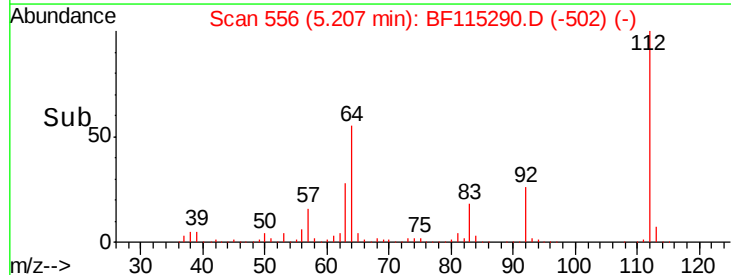
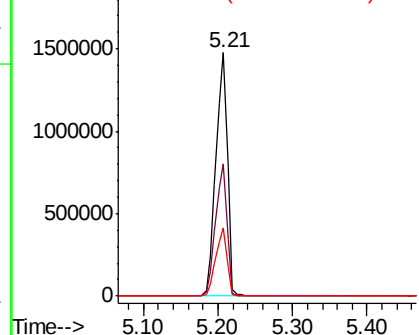
#5

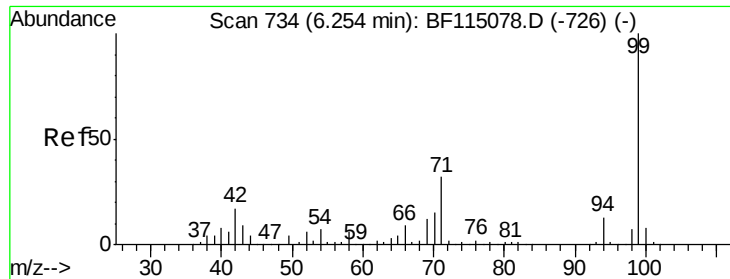
2-Fluorophenol
Concen: 98.973 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115290.D
Acq: 28 Jun 2019 19:17

Tgt Ion:112 Resp: 1581626
Ion Ratio Lower Upper
112 100
64 54.6 43.8 65.6
63 28.0 22.2 33.4



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: 91.229 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-15

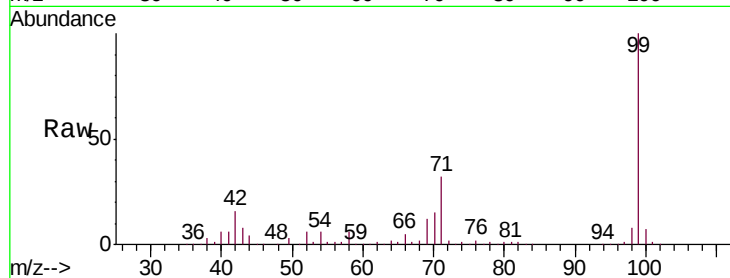
Tgt Ion: 99 Resp: 1769500

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

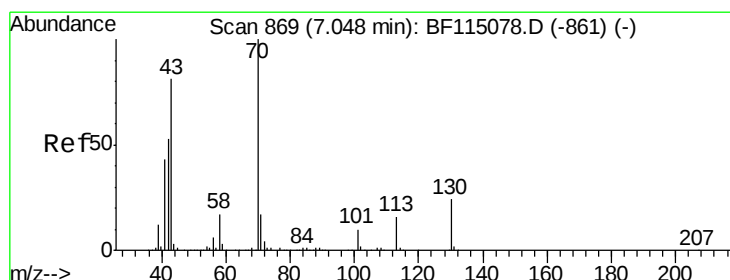
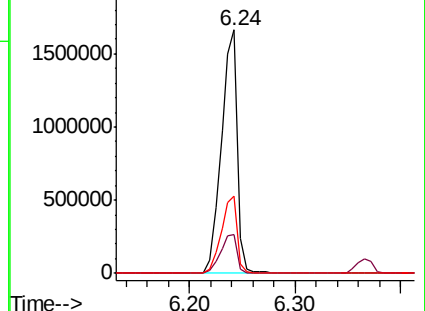
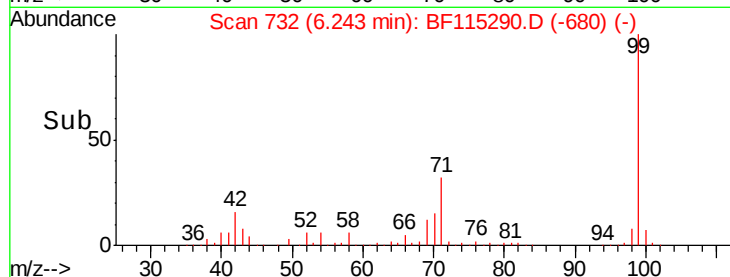
71 32.0 25.5 38.3



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: 14.565 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

Tgt Ion: 70 Resp: 180860

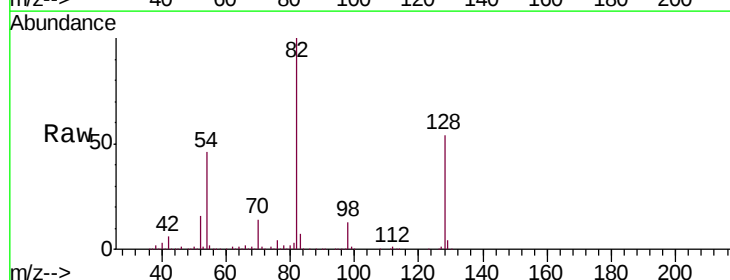
Ion Ratio Lower Upper

70 100

42 41.8 42.6 63.8#

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

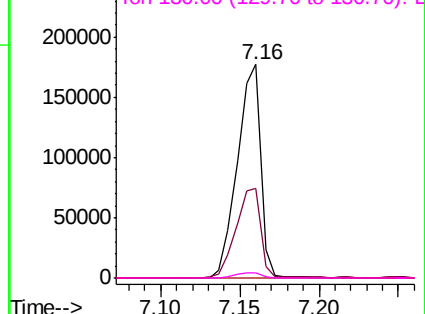
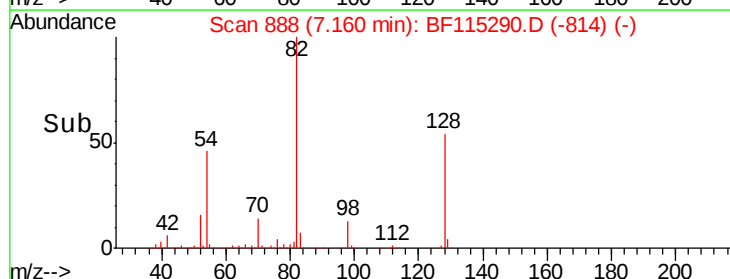


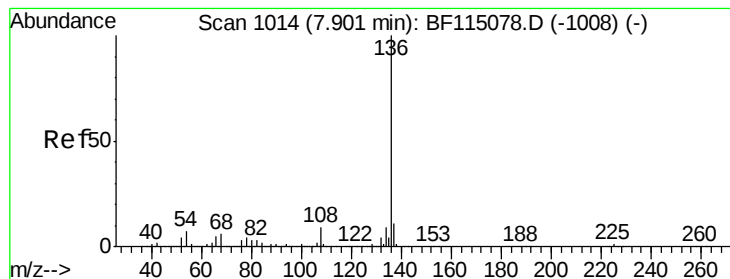
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.87 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_F

ClientSampled :

SAMPLE-15

Tgt Ion:136 Resp: 939884

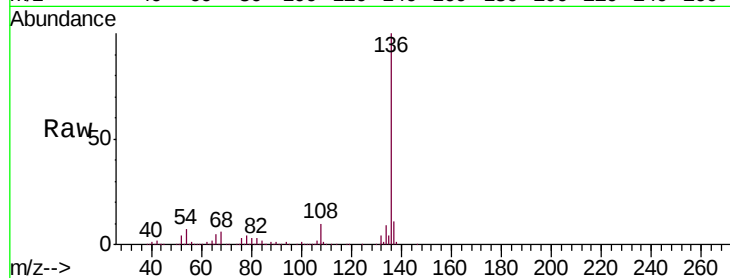
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.1 5.6 8.4

68 6.4 4.8 7.2

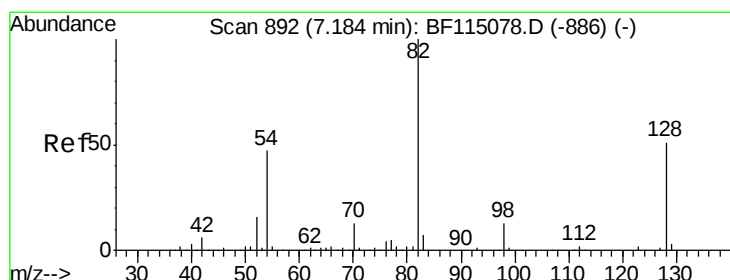
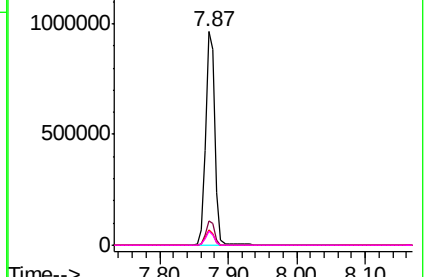
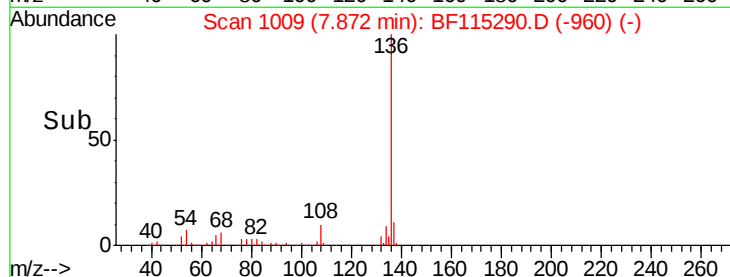


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 87.790 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

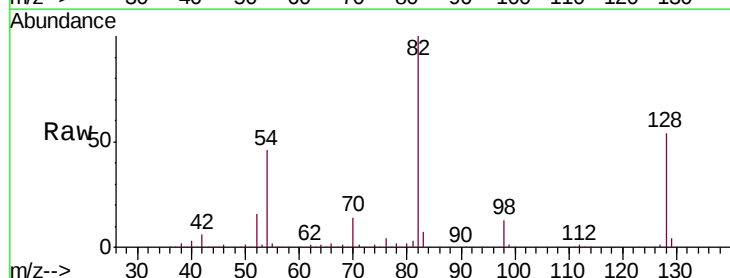
Tgt Ion: 82 Resp: 1341329

Ion Ratio Lower Upper

82 100

128 53.7 40.4 60.6

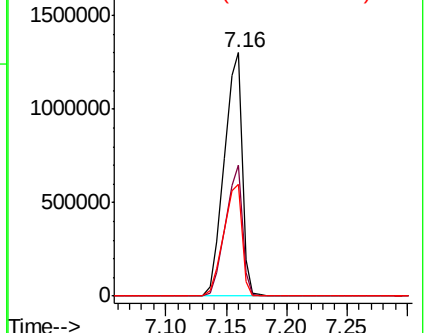
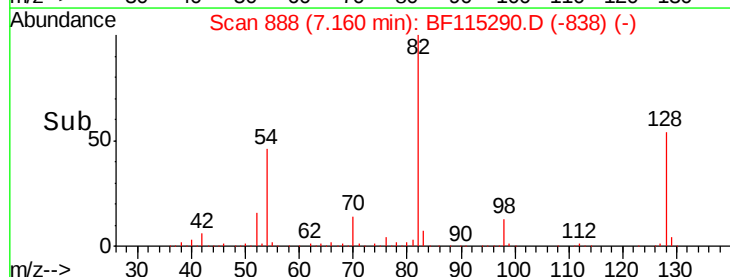
54 46.0 37.5 56.3

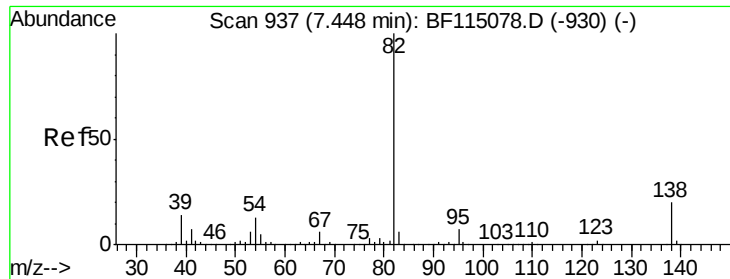


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.854 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

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BNA_F

ClientSampleId :

SAMPLE-15

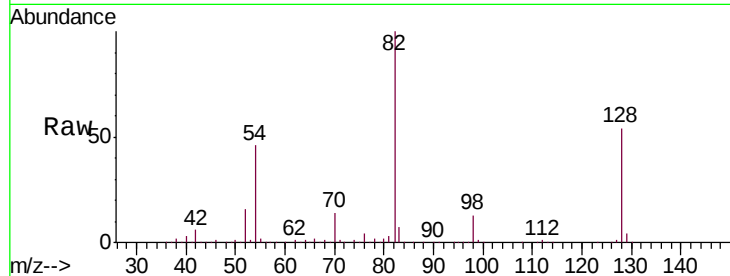
Tgt Ion: 82 Resp: 1341311

Ion Ratio Lower Upper

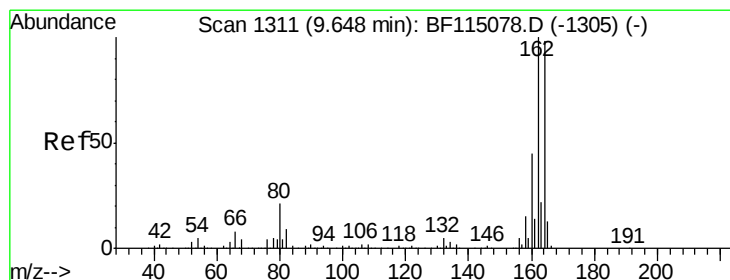
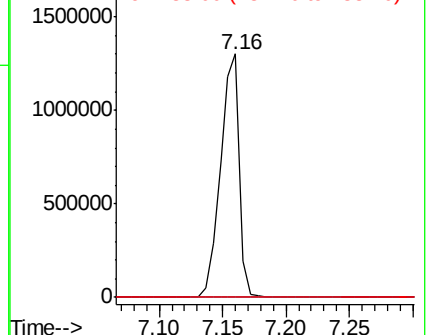
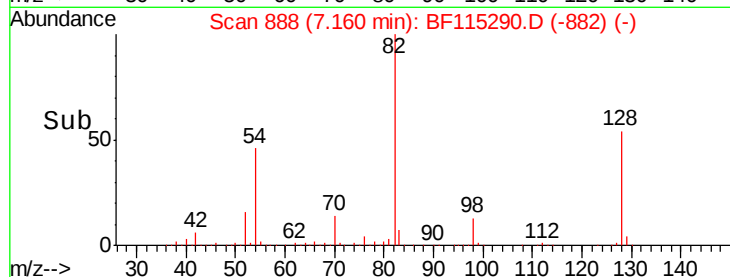
82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



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: 9.62 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

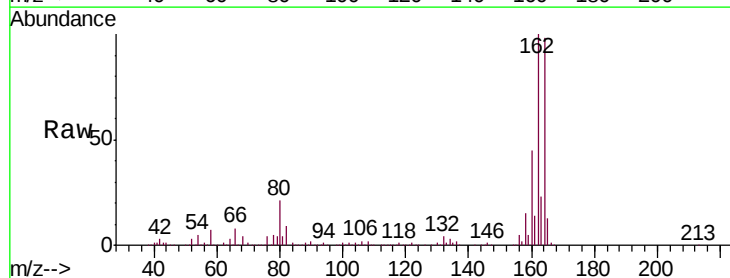
Tgt Ion: 164 Resp: 474134

Ion Ratio Lower Upper

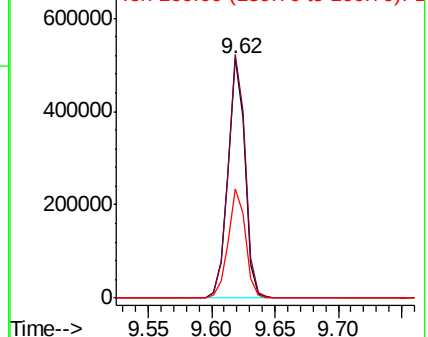
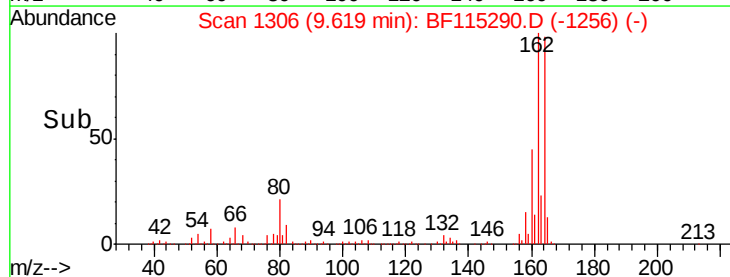
164 100

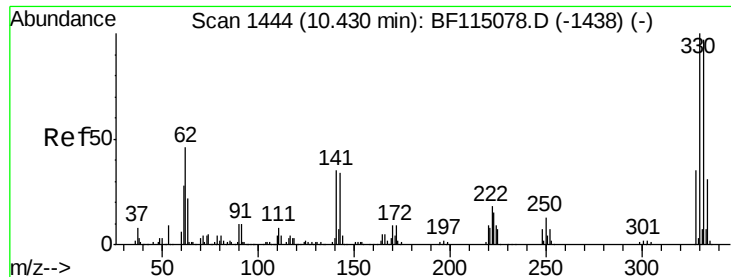
162 101.6 81.7 122.5

160 45.7 37.0 55.4



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

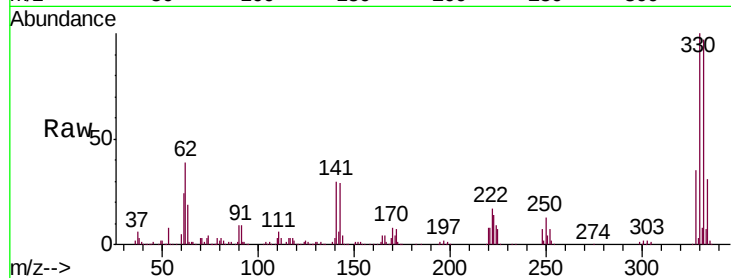




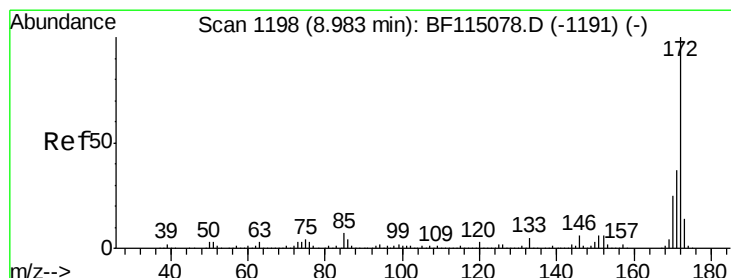
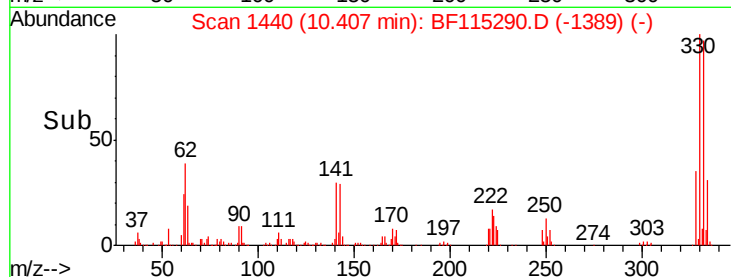
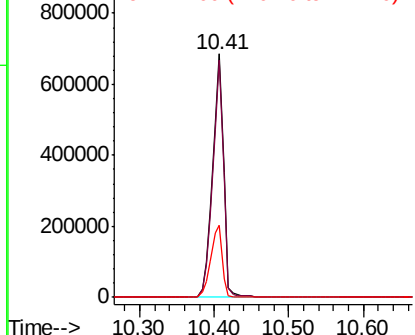
#42
 2,4,6-Tribromophenol
 Concen: 139.527 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115290.D
 Acq: 28 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-15

Tgt Ion:330 Resp: 697625
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 31.4 28.2 42.2

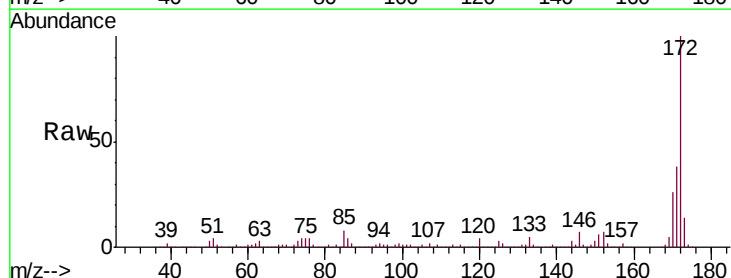


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

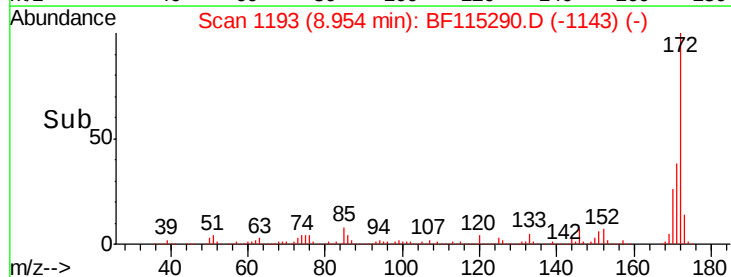
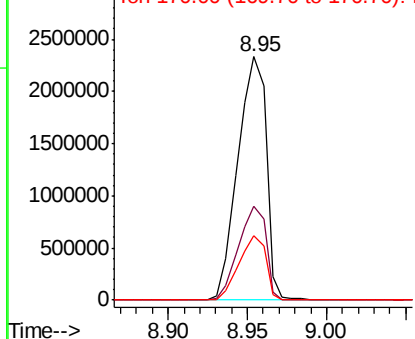


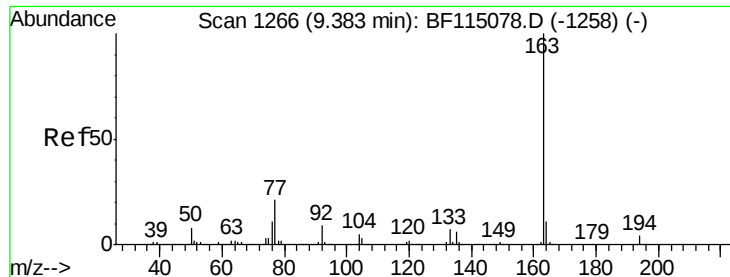
#45
 2-Fluorobiphenyl
 Concen: 103.764 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115290.D
 Acq: 28 Jun 2019 19:17

Tgt Ion:172 Resp: 2896338
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.8 44.6
 170 26.3 20.3 30.5



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

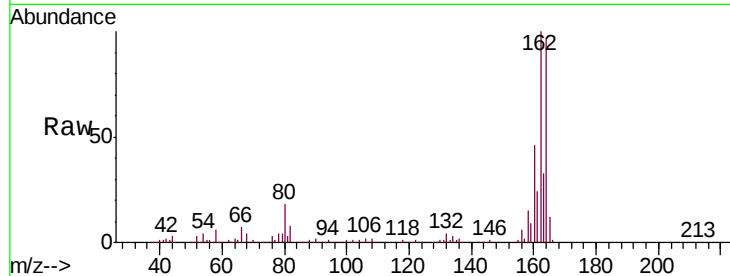




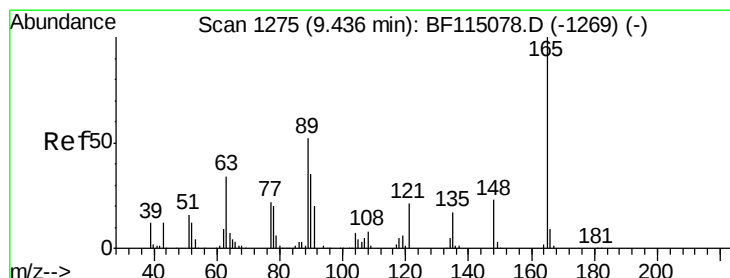
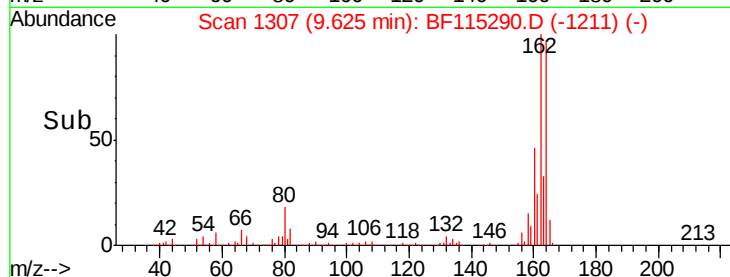
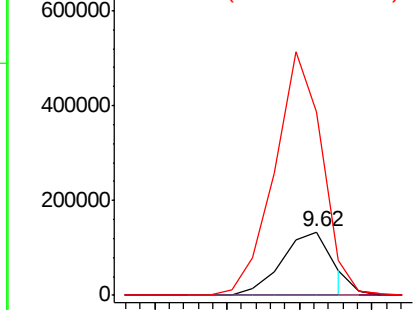
#50
Dimethylphthalate
Concen: 3.737 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115290.D
Acq: 28 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-15

Tgt Ion:163 Resp: 130349
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 290.4 8.6 13.0#

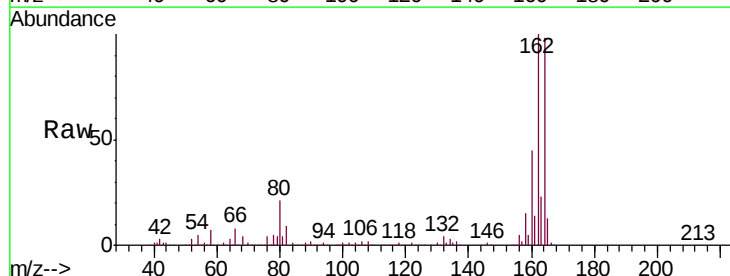


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

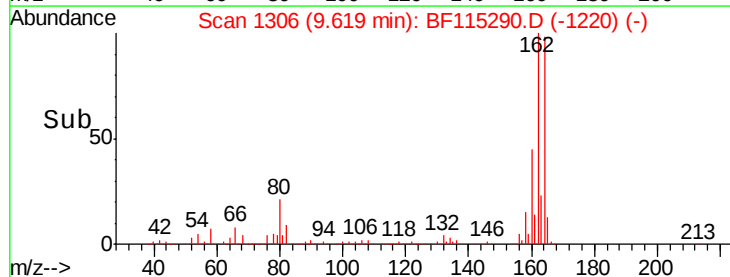
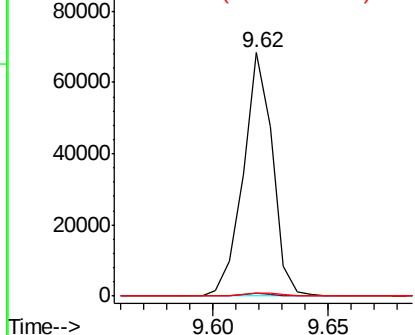


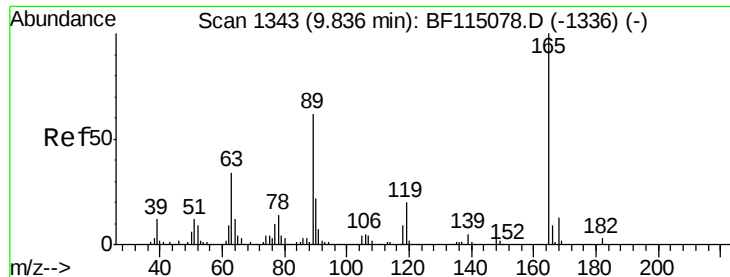
#51
2,6-Dinitrotoluene
Concen: 7.516 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF115290.D
Acq: 28 Jun 2019 19:17

Tgt Ion:165 Resp: 60526
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.2#
89 1.2 42.0 63.0#



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

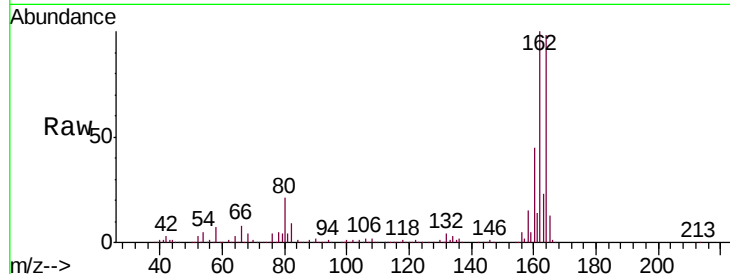




#57
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.19 min
 Lab File: BF115290.D
 Acq: 28 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#



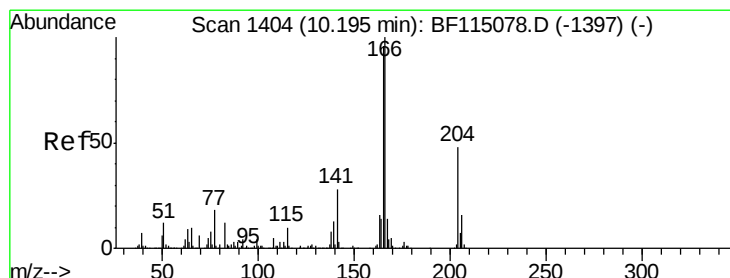
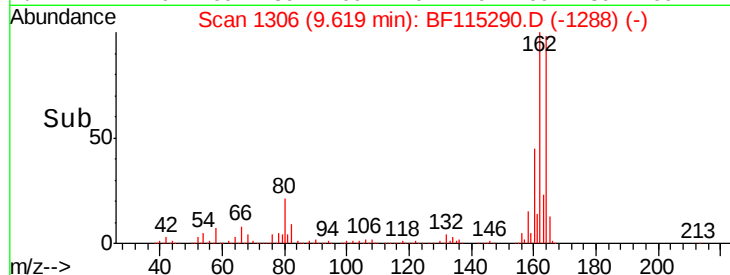
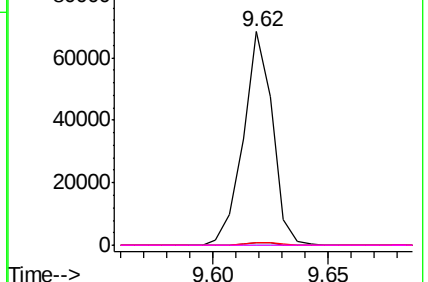
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

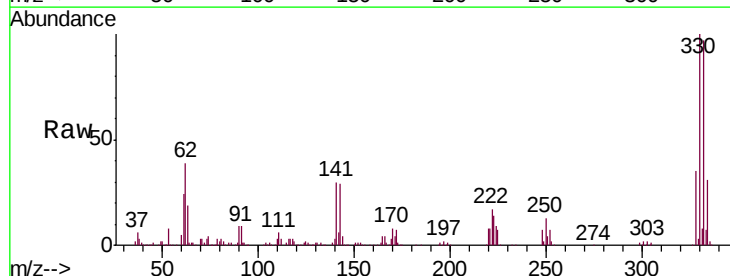
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: Below Cal
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.24 min
 Lab File: BF115290.D
 Acq: 28 Jun 2019 19:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	76.5	114.7
167	35.5	11.0	16.4#

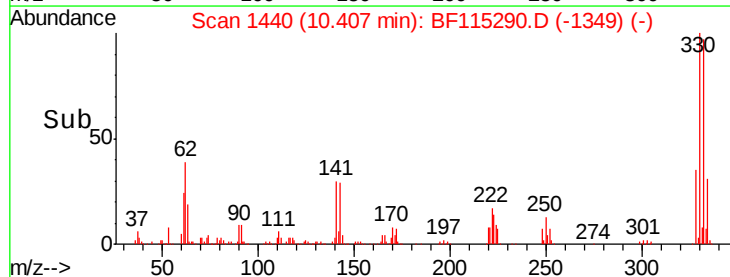
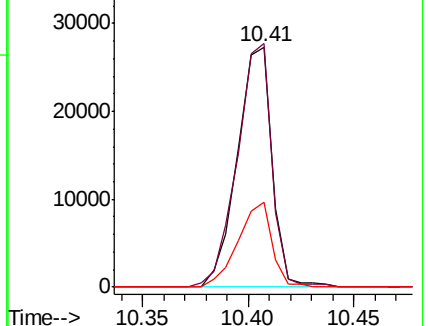


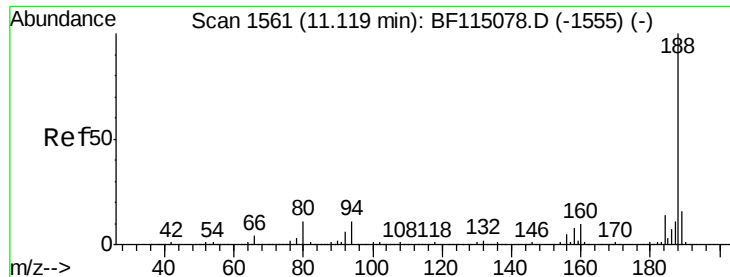
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

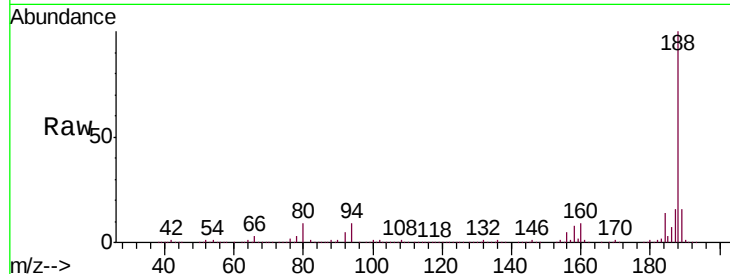




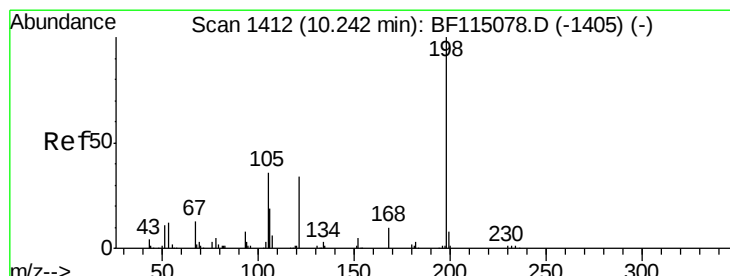
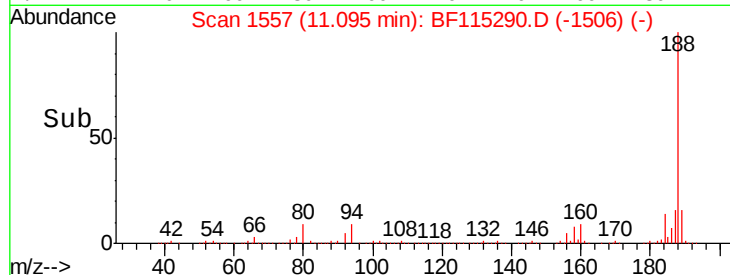
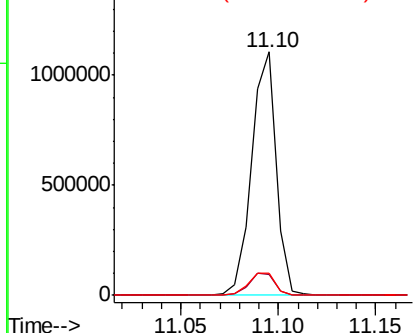
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115290.D
Acq: 28 Jun 2019 19:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-15

Tgt Ion:188 Resp: 967874
Ion Ratio Lower Upper
188 100
94 8.8 8.6 12.8
80 9.0 8.8 13.2

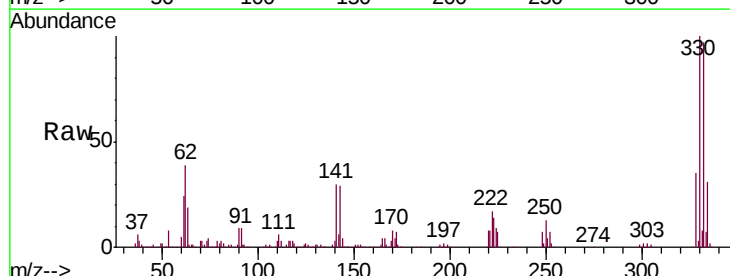


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

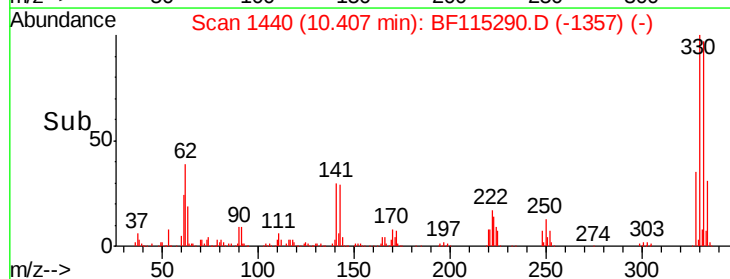
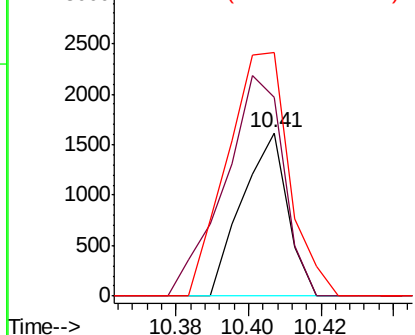


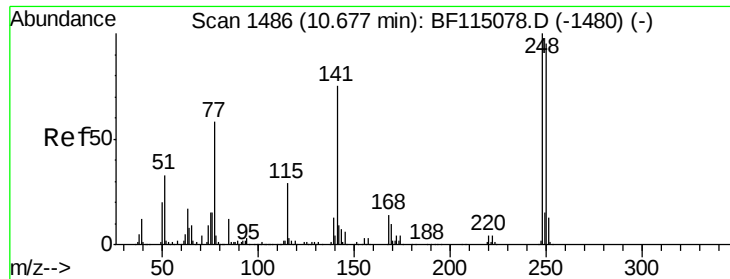
#65
4,6-Dinitro-2-methylphenol
Concen: 5.207 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF115290.D
Acq: 28 Jun 2019 19:17

Tgt Ion:198 Resp: 1421
Ion Ratio Lower Upper
198 100
51 121.5 11.0 51.0#
105 149.0 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E
3000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

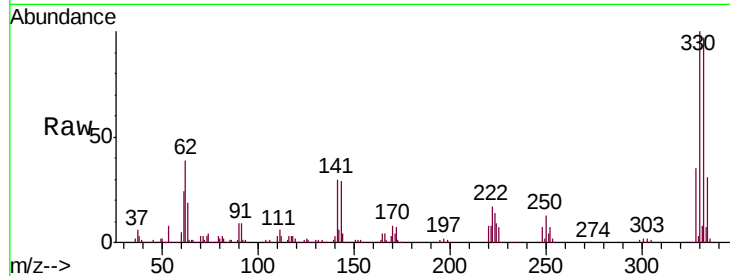




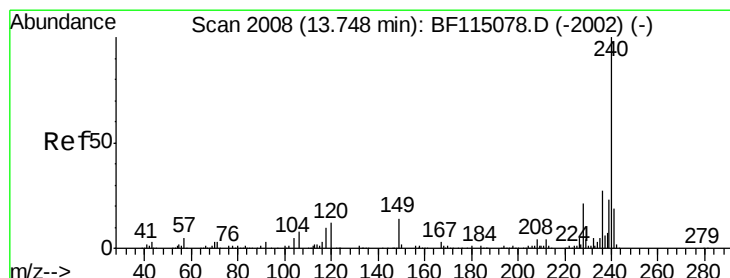
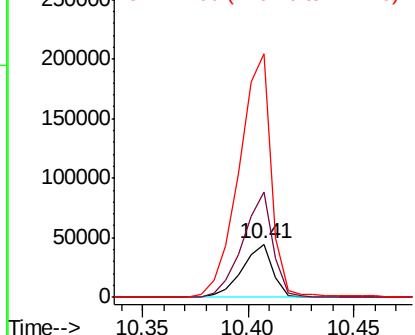
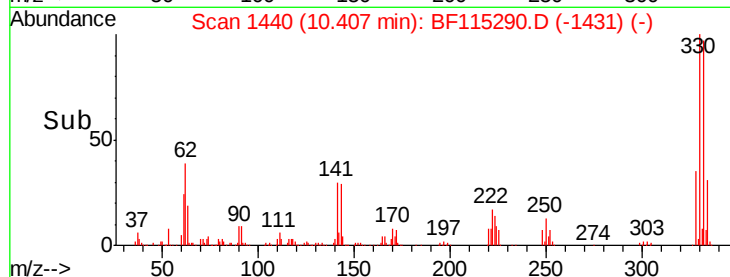
#67
 4-Bromophenyl-phenylether
 Concen: 4.237 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115290.D
 Acq: 28 Jun 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-15

Tgt Ion: 248 Resp: 44460
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.2 114.2#
 141 456.4 59.6 89.4#

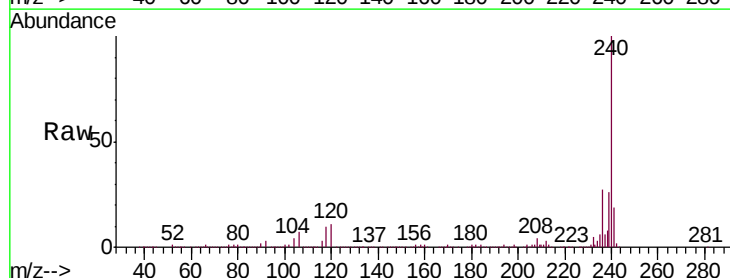


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

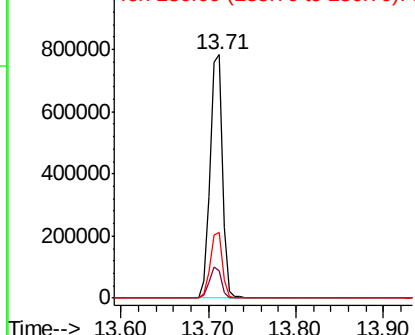
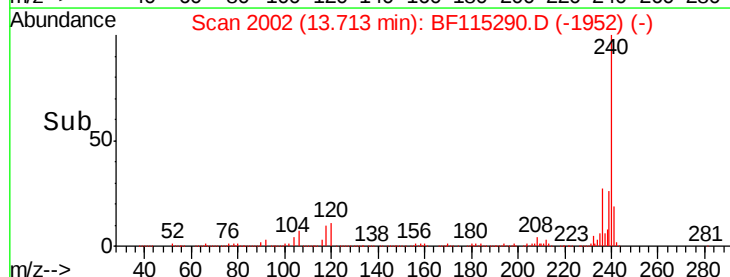


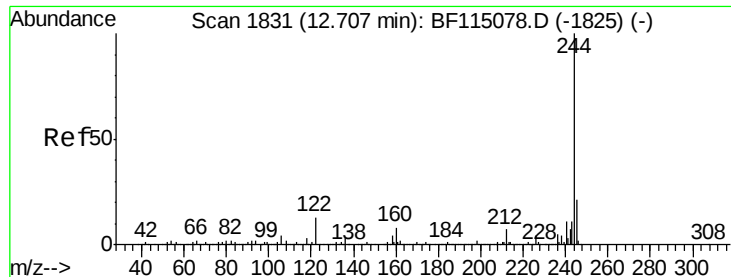
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF115290.D
 Acq: 28 Jun 2019 19:17

Tgt Ion: 240 Resp: 776321
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.4 14.2
 236 26.8 21.7 32.5



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: 97.714 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-15

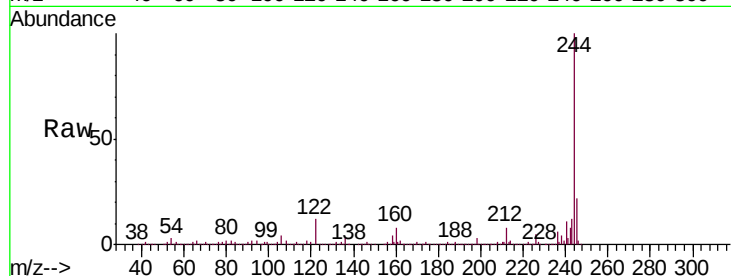
Tgt Ion:244 Resp: 3567839

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

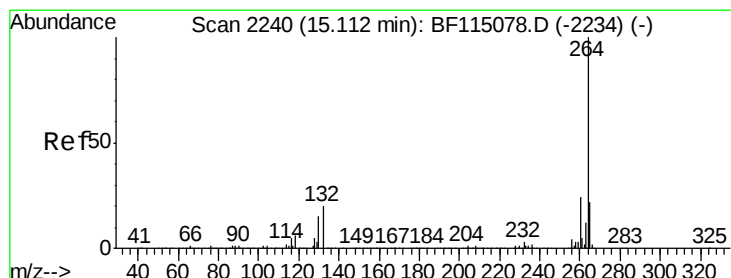
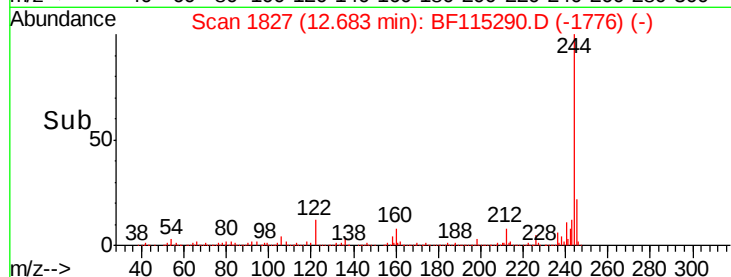
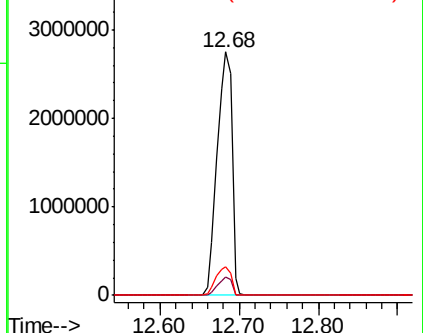
122 11.7 10.4 15.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF115290.D

Acq: 28 Jun 2019 19:17

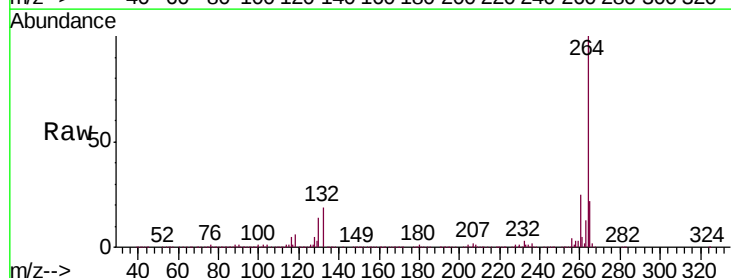
Tgt Ion:264 Resp: 738848

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.1 17.3 25.9



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

