

Data File : BF115286.D
Acq On : 28 Jun 2019 17:29
Operator : HP/JU
Sample : K3533-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-013-ABCD

Quant Time: Jun 29 02:36:25 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

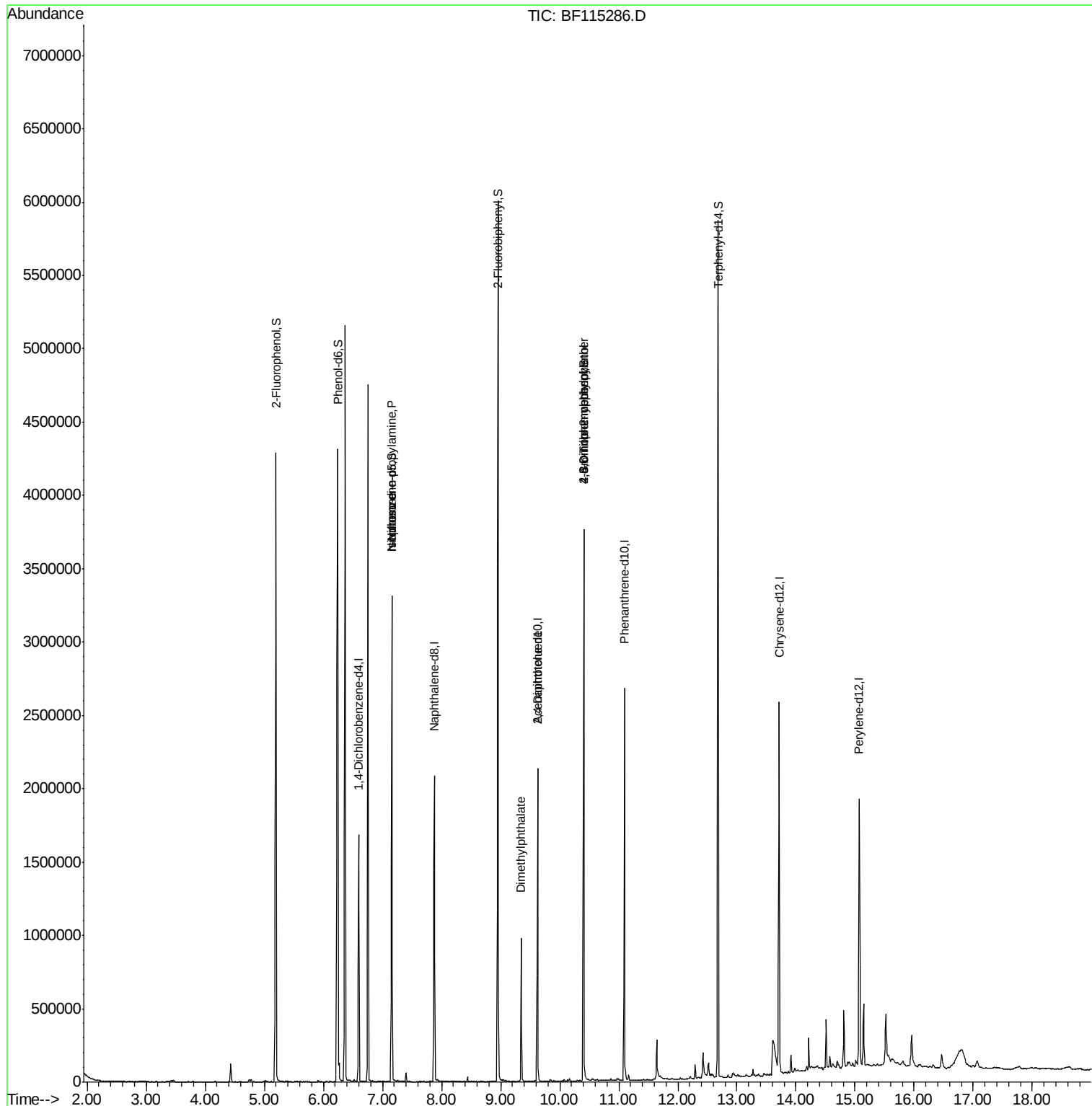
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	237864	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	912205	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	456418	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	906753	20.00	ng	0.00
76) Chrysene-d12	13.71	240	764625	20.00	ng	0.00
87) Perylene-d12	15.07	264	794884	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1454604	94.37	ng	0.00
7) Phenol-d6	6.24	99	1814638	96.99	ng	0.00
23) Nitrobenzene-d5	7.16	82	1088897	73.43	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	524543	108.98	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1998849	74.39	ng	0.00
79) Terphenyl-d14	12.68	244	2285829	63.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	144837	12.092	ng	# 77
25) Isophorone	7.16	82	1081483	35.601	ng	# 63
50) Dimethylphthalate	9.35	163	367895	10.956	ng	# 99
57) 2,4-Dinitrotoluene	9.62	165	59177	5.912	ng	# 30
58) Fluorene	10.16	166	1144	Below Cal		# 76
65) 4,6-Dinitro-2-methylphenol	10.41	198	1093	5.163	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	32210	3.276	ng	# 1

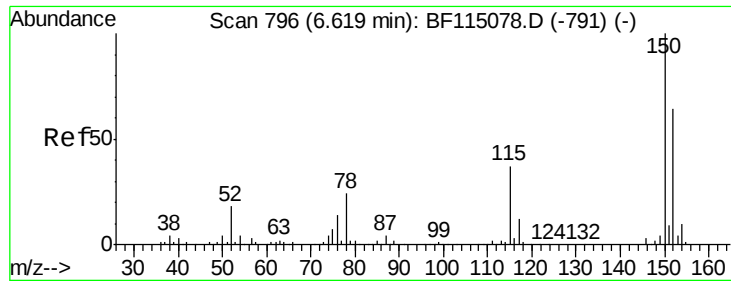
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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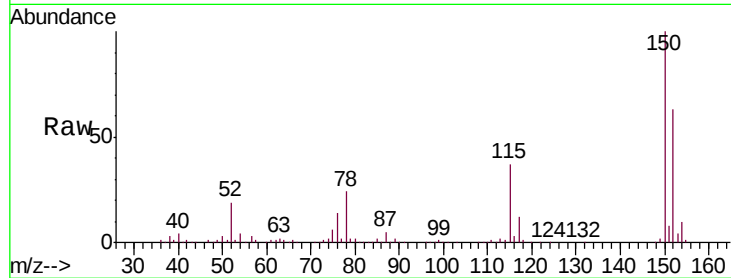


#1

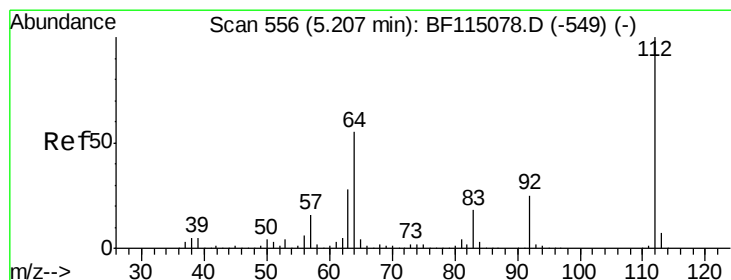
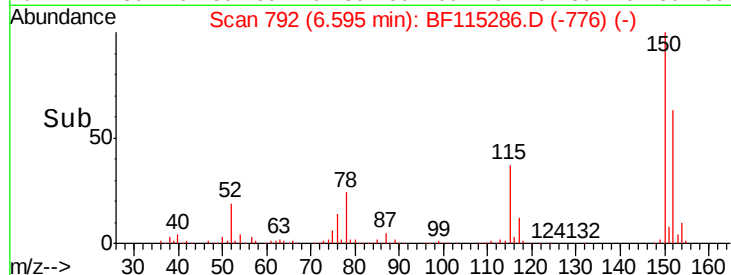
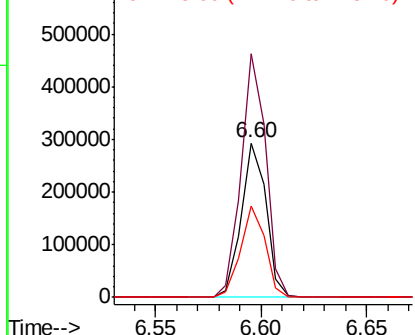
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115286.D
Acq: 28 Jun 2019 17:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-013-ABCD

Tgt Ion:152 Resp: 237864
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 59.1 46.1 69.1



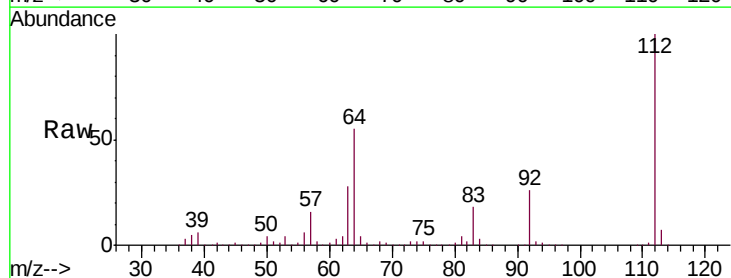
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



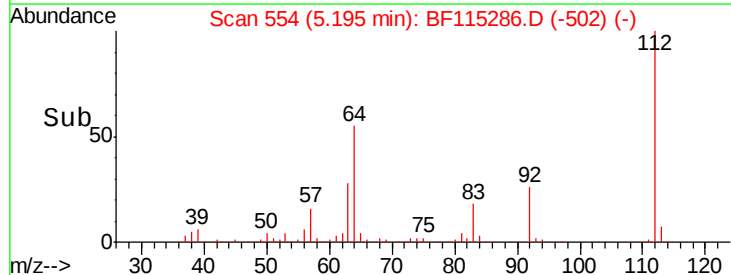
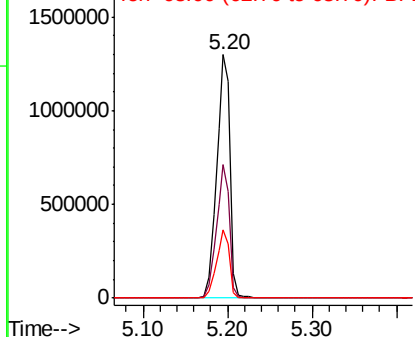
#5

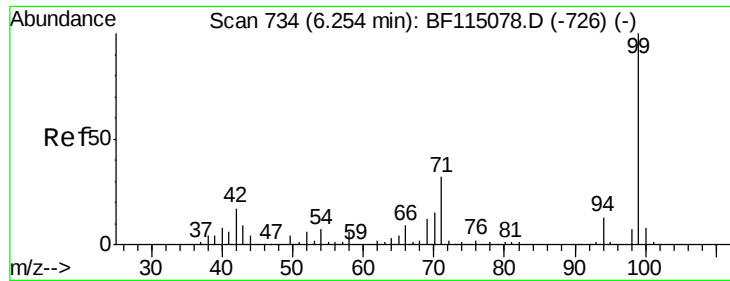
2-Fluorophenol
Concen: 94.369 ng
RT: 5.20 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF115286.D
Acq: 28 Jun 2019 17:29

Tgt Ion:112 Resp: 1454604
Ion Ratio Lower Upper
112 100
64 55.1 43.8 65.6
63 27.9 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: 96.994 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-013-ABCD

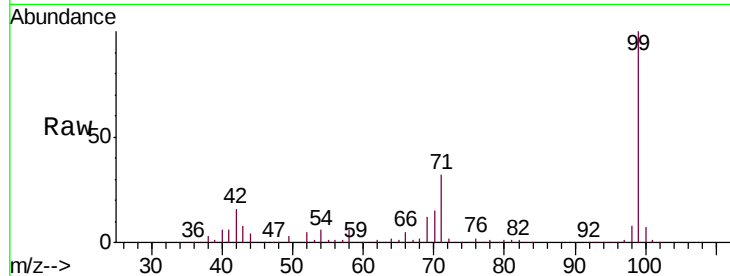
Tgt Ion: 99 Resp: 1814638

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

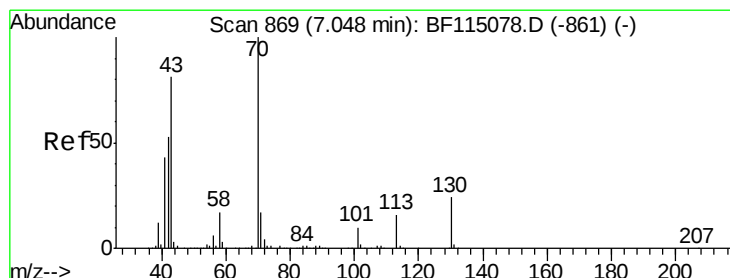
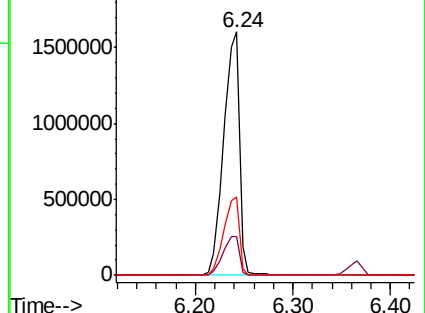
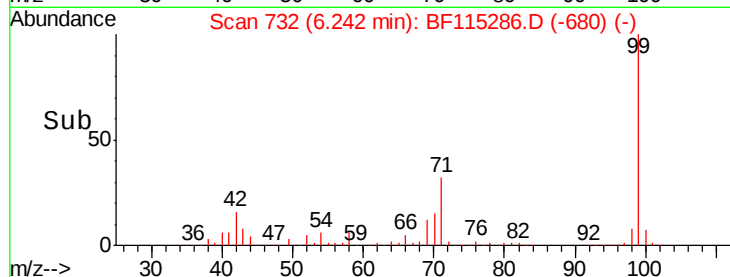
71 32.4 25.5 38.3



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: 12.092 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

Tgt Ion: 70 Resp: 144837

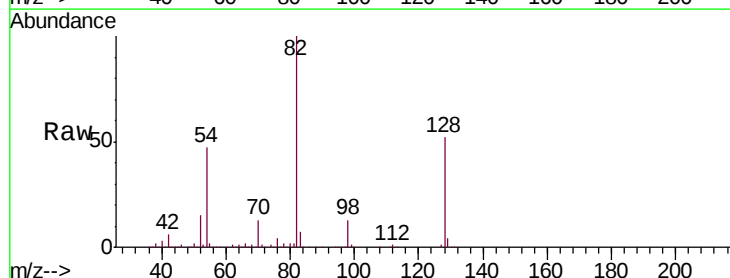
Ion Ratio Lower Upper

70 100

42 43.9 42.6 63.8

101 0.0 8.0 12.0#

130 2.7 19.4 29.0#

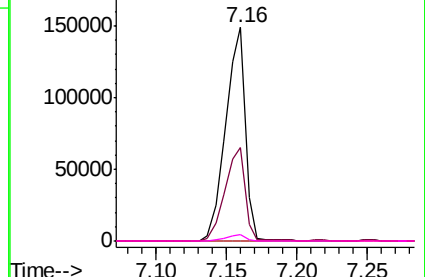
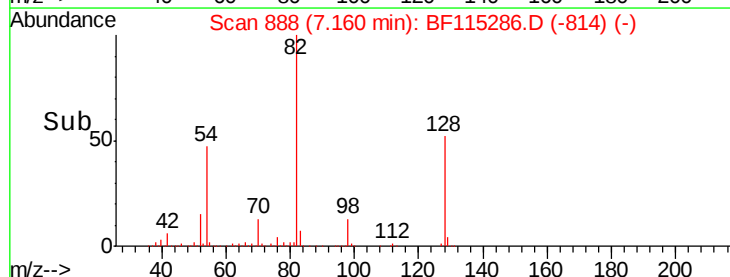


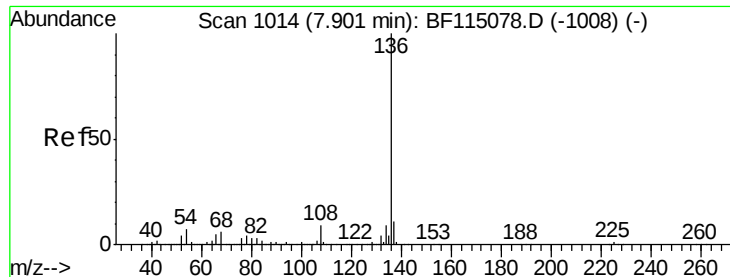
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

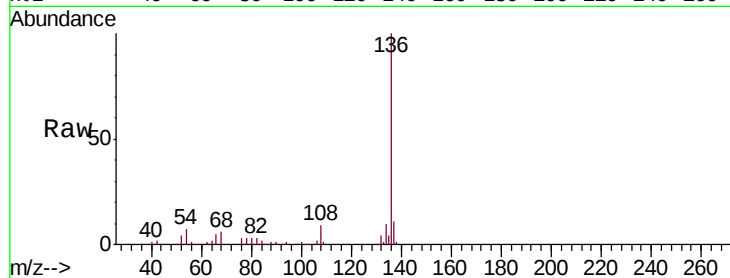




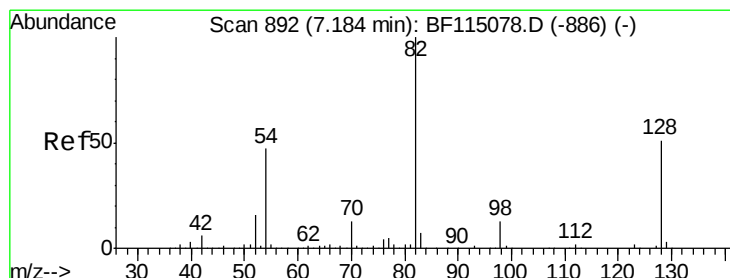
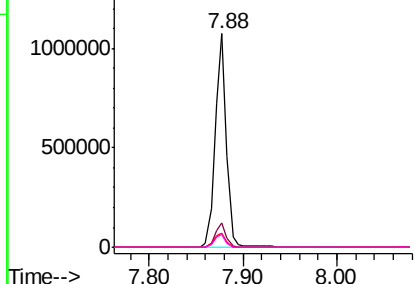
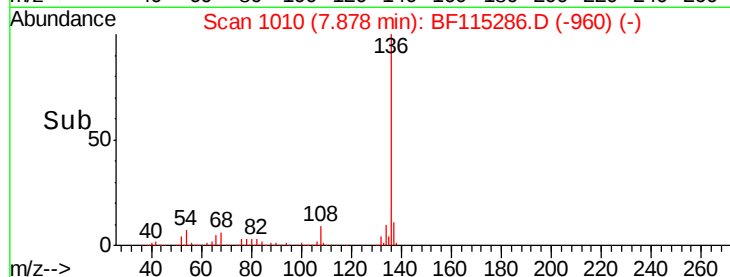
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115286.D
Acq: 28 Jun 2019 17:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-013-ABCD

Tgt Ion:	136	Resp:	912205
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	5.6	8.4
68	5.8	4.8	7.2

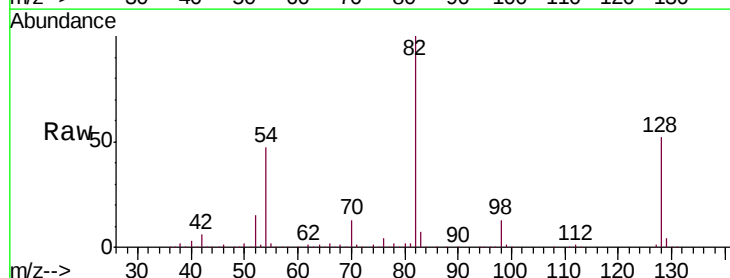


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

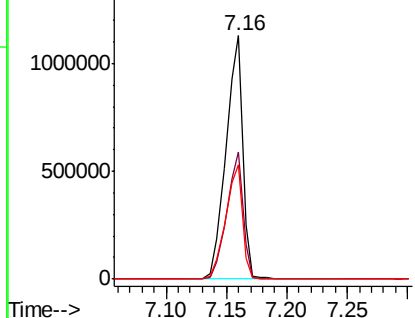
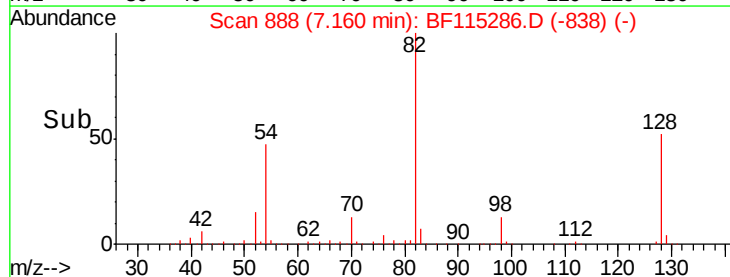


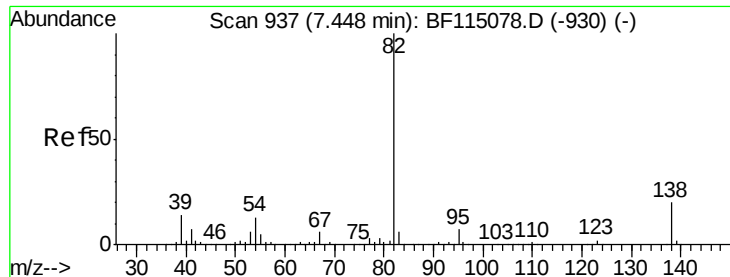
#23
Nitrobenzene-d5
Concen: 73.431 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115286.D
Acq: 28 Jun 2019 17:29

Tgt Ion:	82	Resp:	1088897
Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.4	60.6
54	46.8	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: 35.601 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-013-ABCD

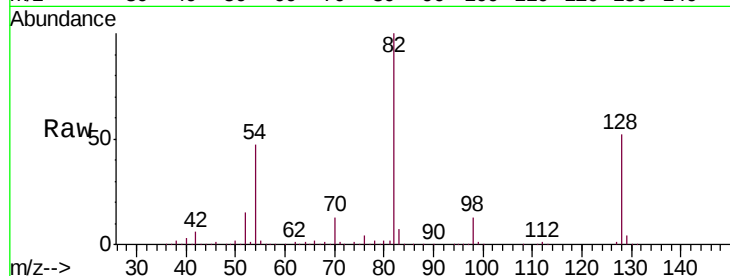
Tgt Ion: 82 Resp: 1081483

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

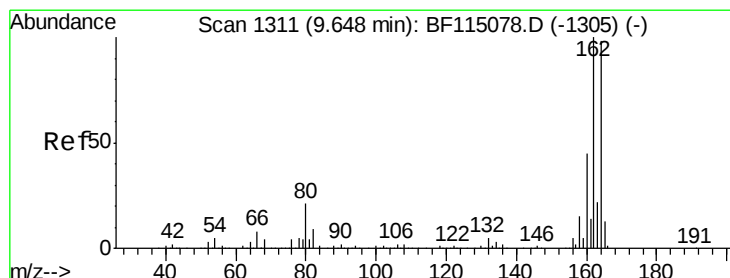
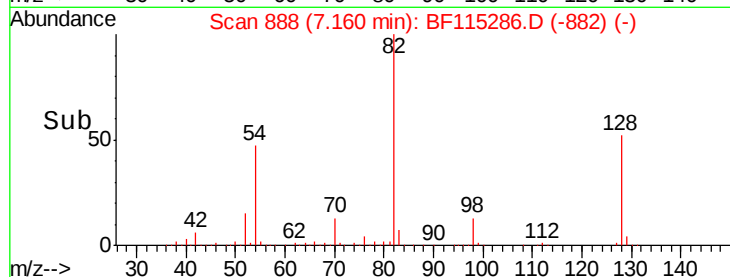
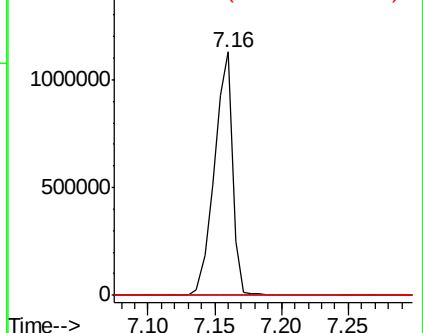
138 0.0 15.9 23.9#



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: BF115286.D

Acq: 28 Jun 2019 17:29

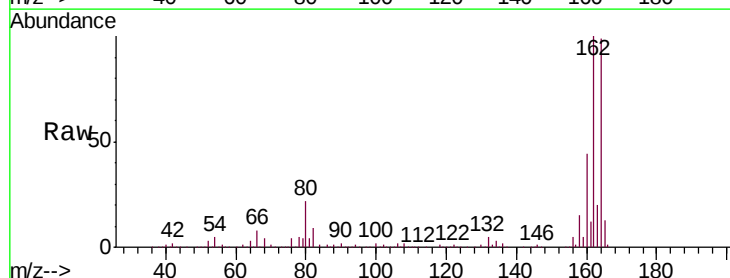
Tgt Ion: 164 Resp: 456418

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

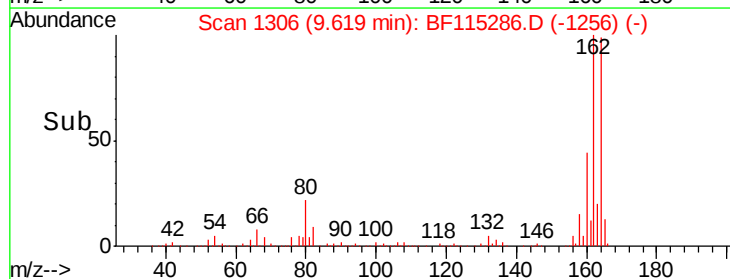
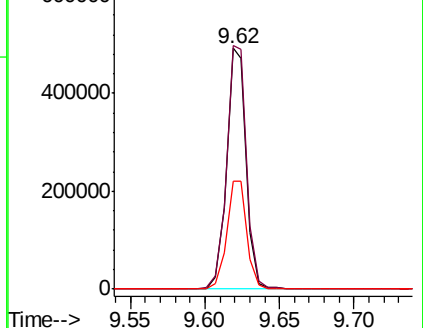
160 44.9 37.0 55.4

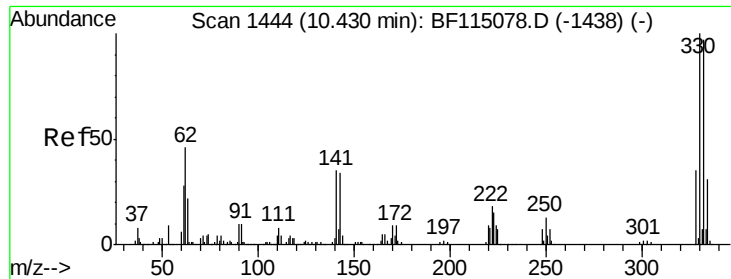


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

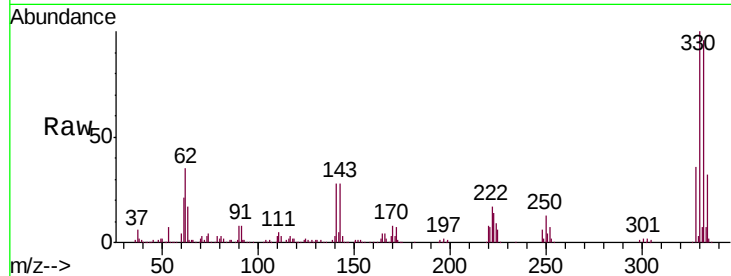




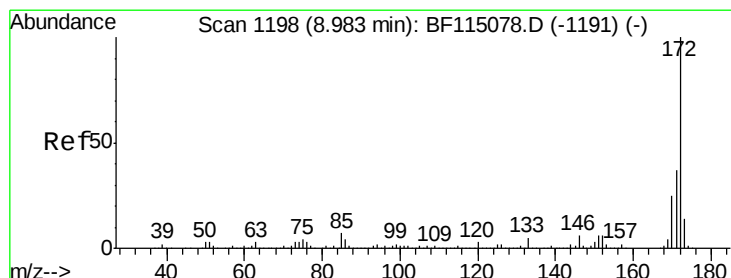
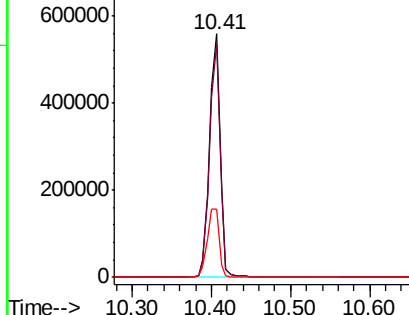
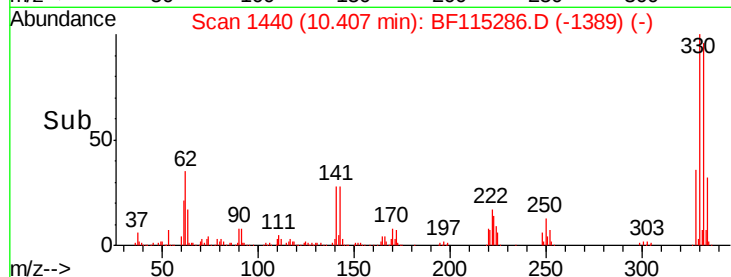
#42
 2,4,6-Tribromophenol
 Concen: 108.983 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115286.D
 Acq: 28 Jun 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-013-ABCD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	32.0	28.2	42.2

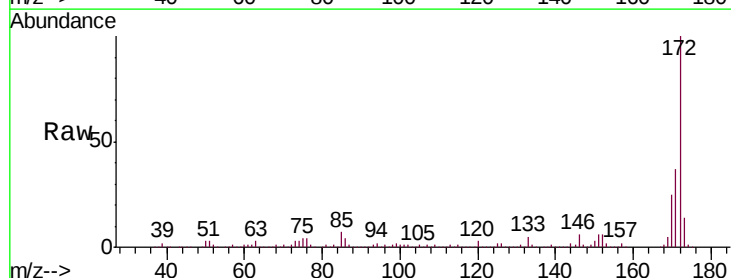


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

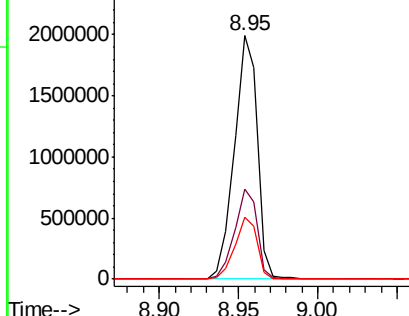
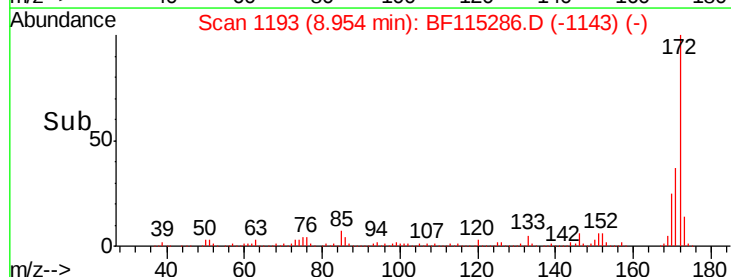


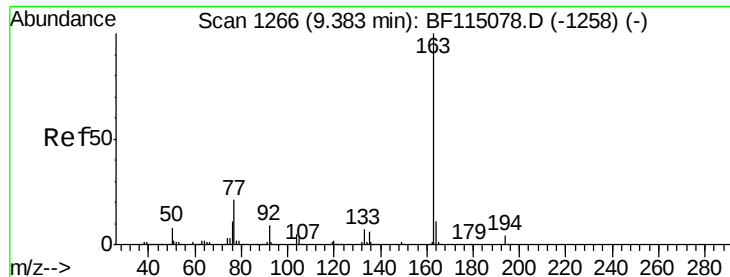
#45
 2-Fluorobiphenyl
 Concen: 74.390 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115286.D
 Acq: 28 Jun 2019 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.4	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

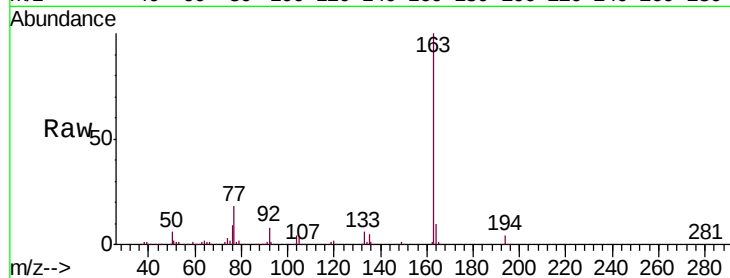




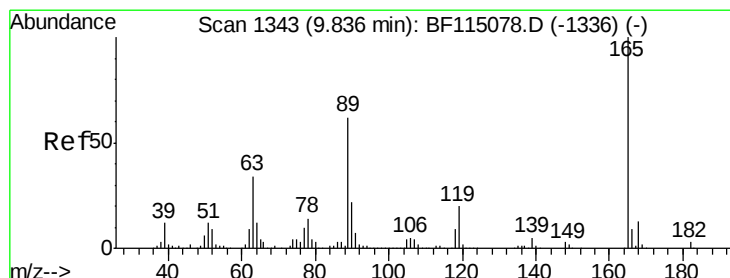
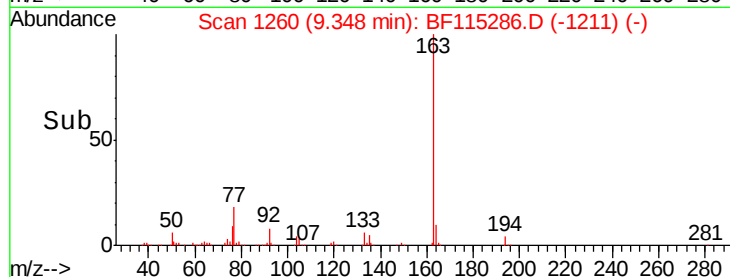
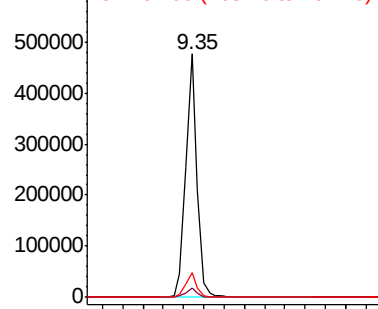
#50
Dimethylphthalate
Concen: 10.956 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115286.D
Acq: 28 Jun 2019 17:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-013-ABCD

Tgt Ion:163 Resp: 367895
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.6 13.0

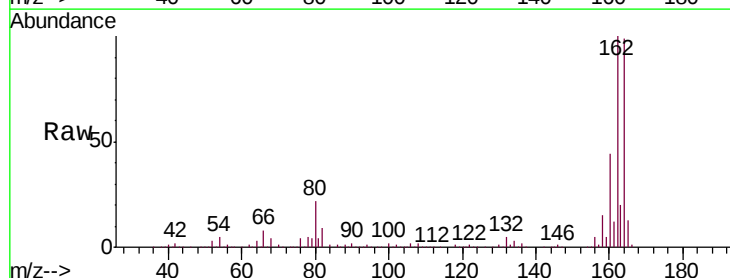


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

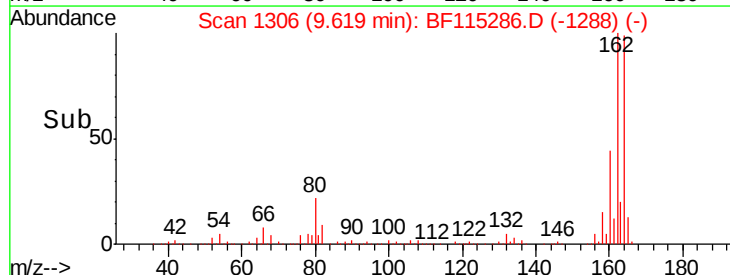
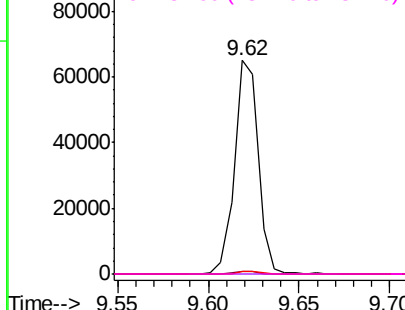


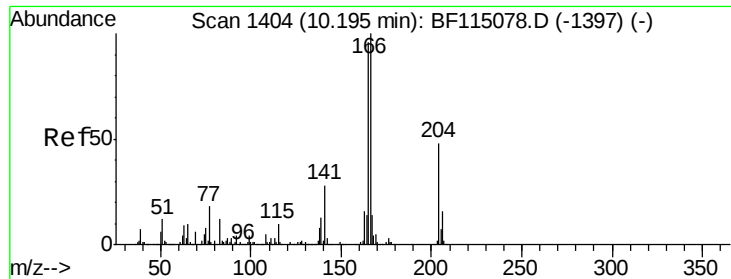
#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF115286.D
Acq: 28 Jun 2019 17:29

Tgt Ion:165 Resp: 59177
Ion Ratio Lower Upper
165 100
63 1.1 27.5 41.3#
89 1.4 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: 10.16 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-013-ABCD

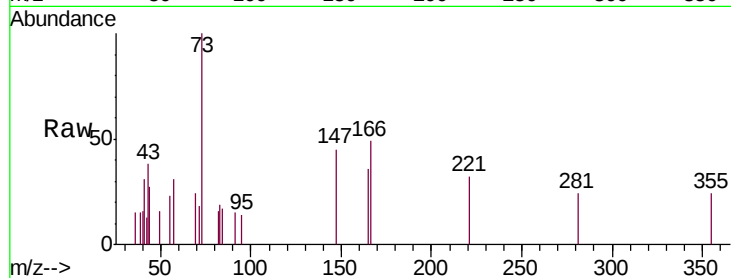
Tgt Ion:166 Resp: 1144

Ion Ratio Lower Upper

166 100

165 73.6 76.5 114.7#

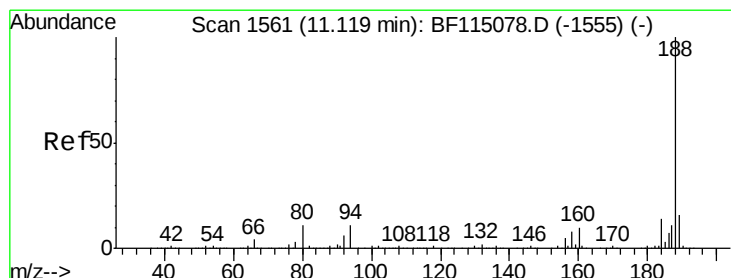
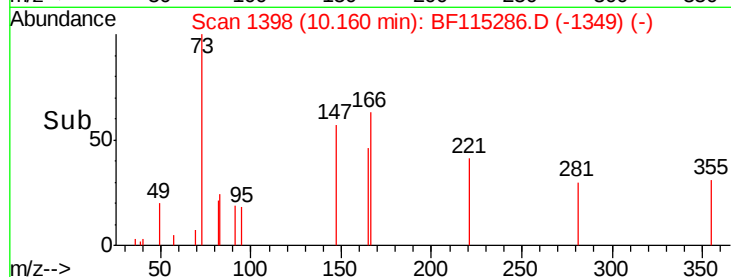
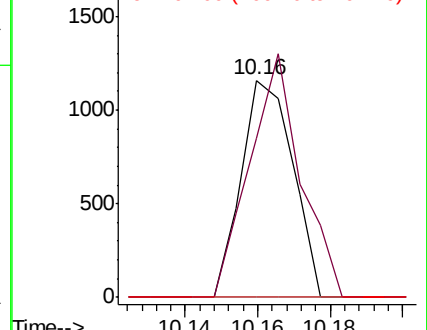
167 0.0 11.0 16.4#



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: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

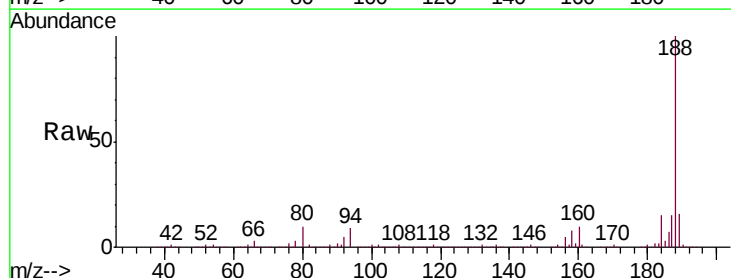
Tgt Ion:188 Resp: 906753

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

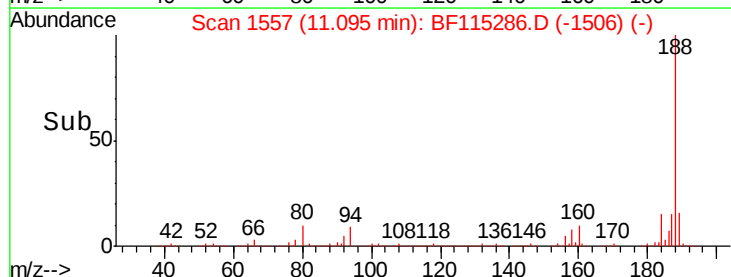
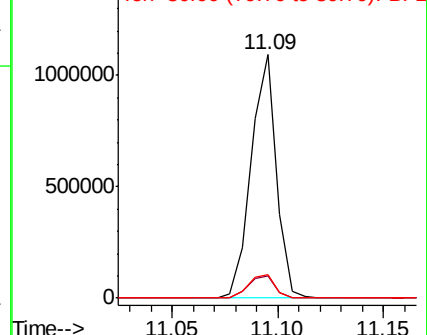
80 9.6 8.8 13.2

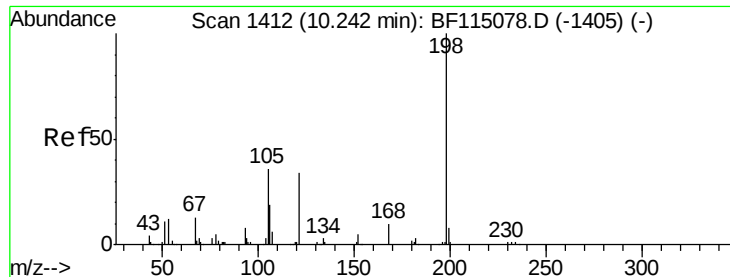


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.163 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-013-ABCD

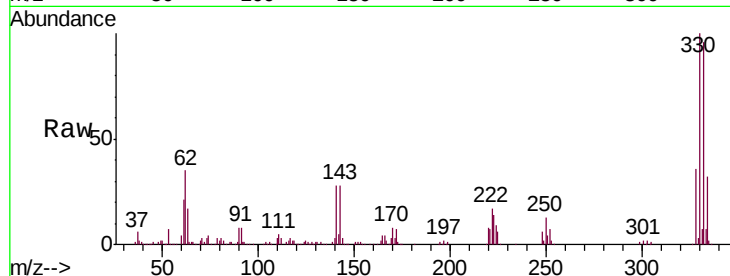
Tgt Ion:198 Resp: 1093

Ion Ratio Lower Upper

198 100

51 99.9 11.0 51.0#

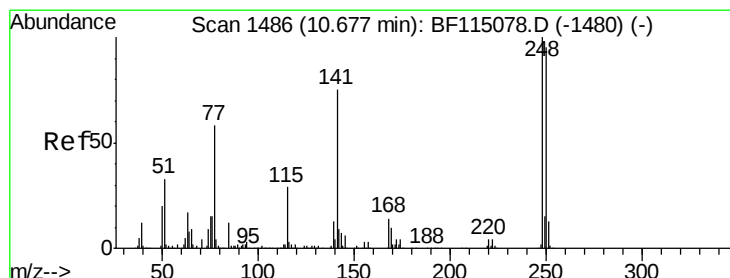
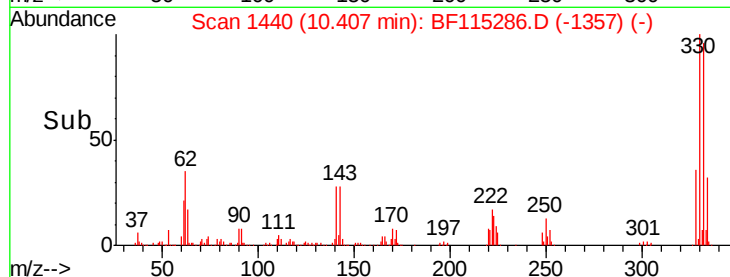
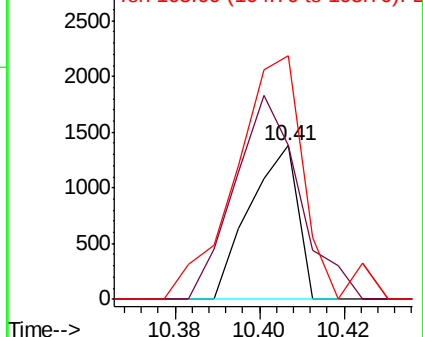
105 158.3 17.3 57.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.276 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

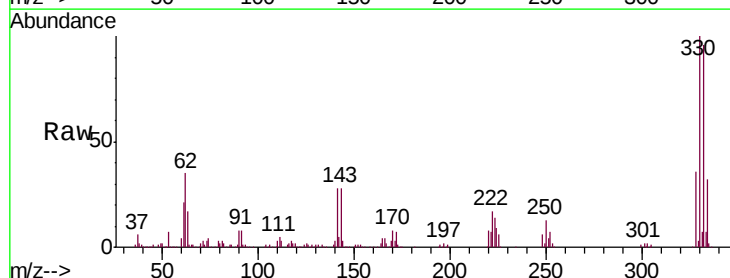
Tgt Ion:248 Resp: 32210

Ion Ratio Lower Upper

248 100

250 214.7 76.2 114.2#

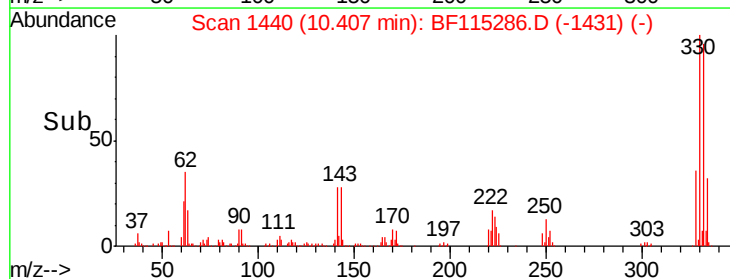
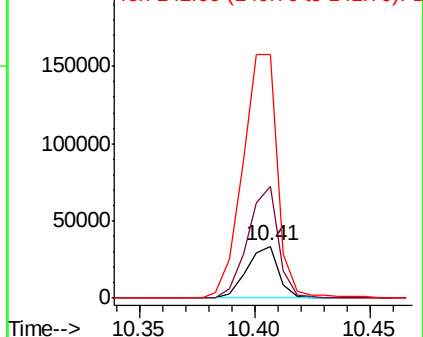
141 467.9 59.6 89.4#

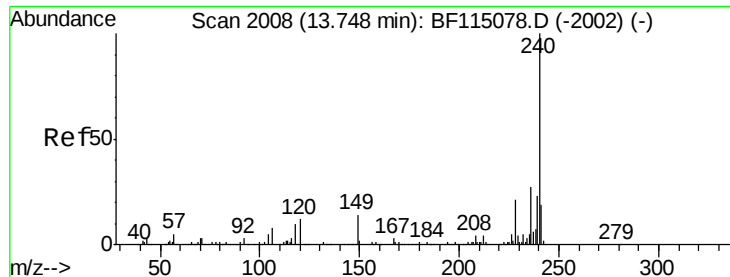


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF115286.D

Acq: 28 Jun 2019 17:29

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-013-ABCD

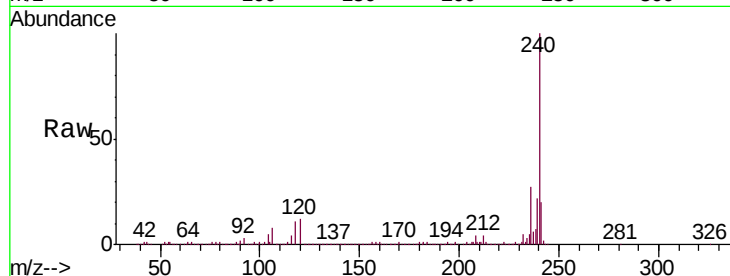
Tgt Ion:240 Resp: 764625

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 26.6 21.7 32.5

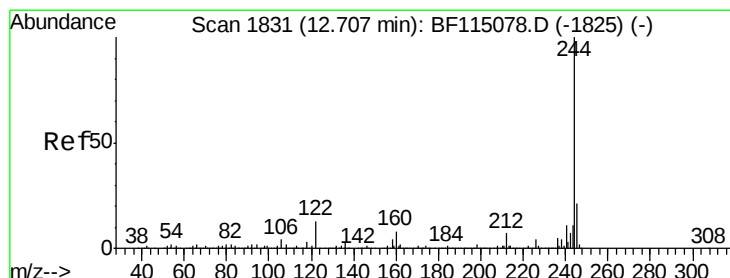
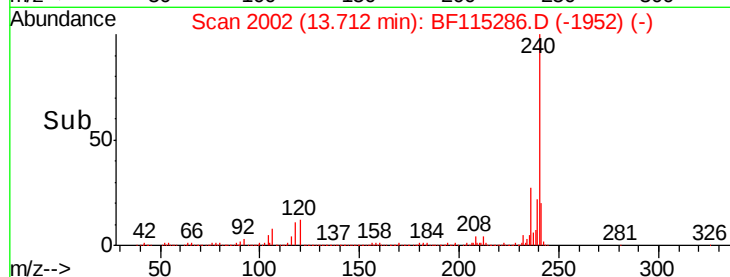
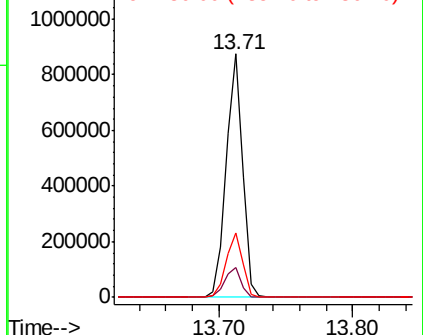


Abundance

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: 63.561 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115286.D

Acq: 28 Jun 2019 17:29

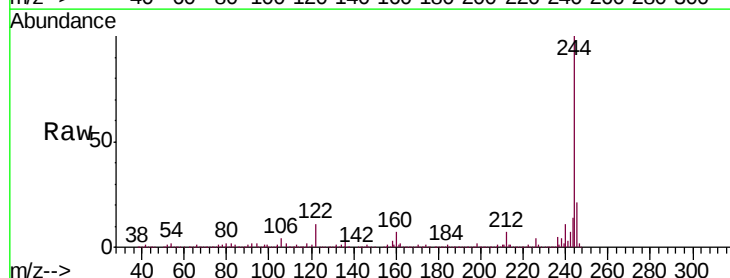
Tgt Ion:244 Resp: 2285829

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 10.8 10.4 15.6

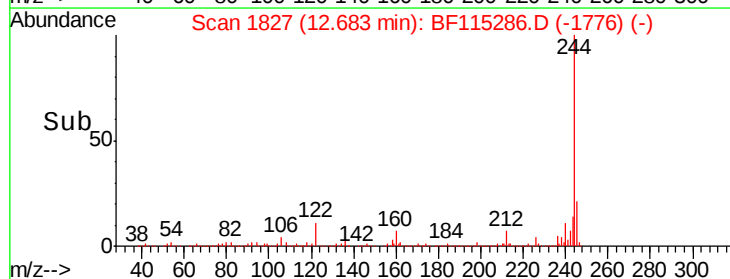
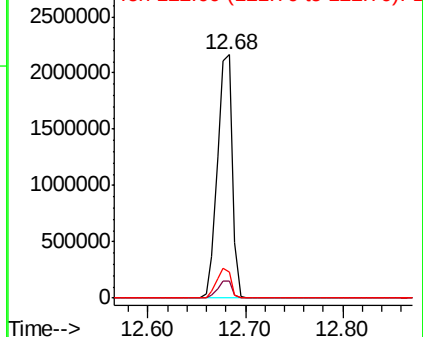


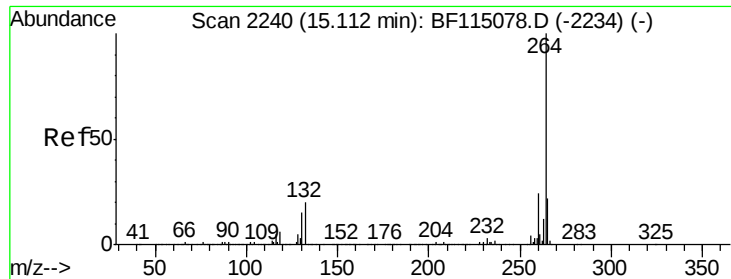
Abundance

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: BF115286.D
Acq: 28 Jun 2019 17:29

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-013-ABCD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.8	17.3	25.9

