

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115205.D
 Acq On : 25 Jun 2019 23:18
 Operator : HP/JU
 Sample : K3156-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062419

Quant Time: Jun 26 05:52:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

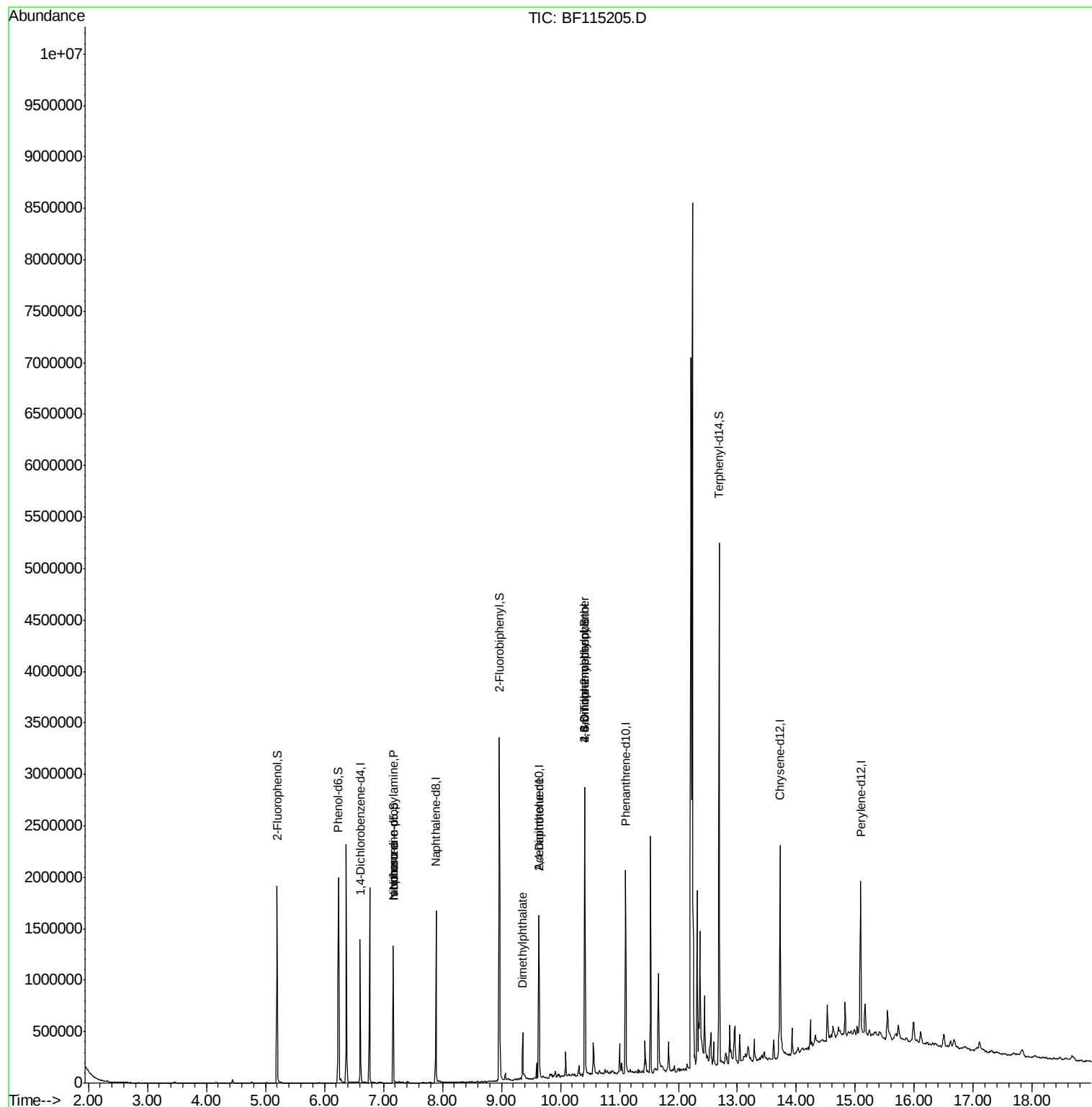
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	202722	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	688451	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	317963	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	645572	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	610558	20.00	ng	-0.02
87) Perylene-d12	15.09	264	641074	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	585951	44.60	ng	-0.01
7) Phenol-d6	6.24	99	755717	47.40	ng	-0.02
23) Nitrobenzene-d5	7.17	82	394258	35.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	338238	100.88	ng	-0.02
45) 2-Fluorobiphenyl	8.97	172	1073828	57.37	ng	-0.02
79) Terphenyl-d14	12.70	244	1748914	60.90	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	51662	5.061	ng	# 78
25) Isophorone	7.17	82	382913	16.702	ng	# 63
50) Dimethylphthalate	9.36	163	173907	7.434	ng	# 98
57) 2,4-Dinitrotoluene	9.64	165	42264	6.061	ng	# 30
58) Fluorene	10.18	166	1795	Below Cal		# 57
61) 4-Chlorophenyl-phenylether	10.01	204	596	Below Cal		# 46
65) 4,6-Dinitro-2-methylphenol	10.41	198	748	5.155	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	21386	3.055	ng	# 1

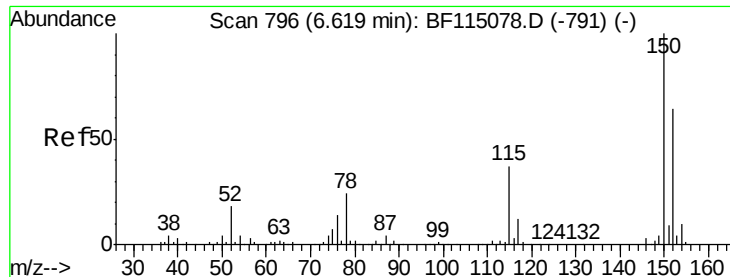
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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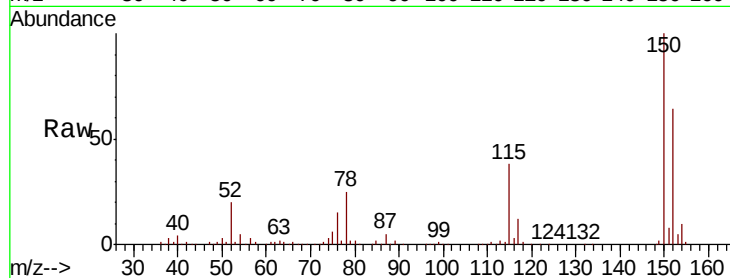


#1

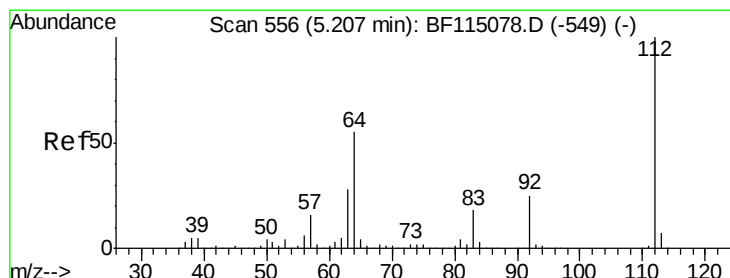
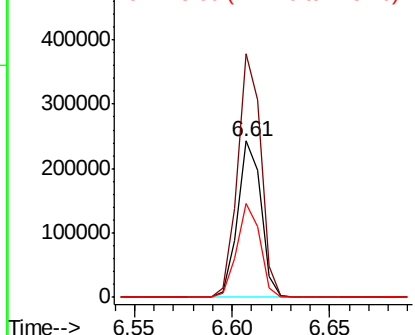
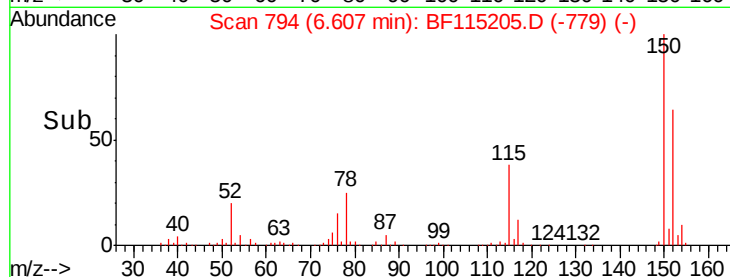
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Instrument :
BNA_F
ClientSampleId :
HD-02-062419

Tgt Ion:152 Resp: 202722
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 59.7 46.1 69.1



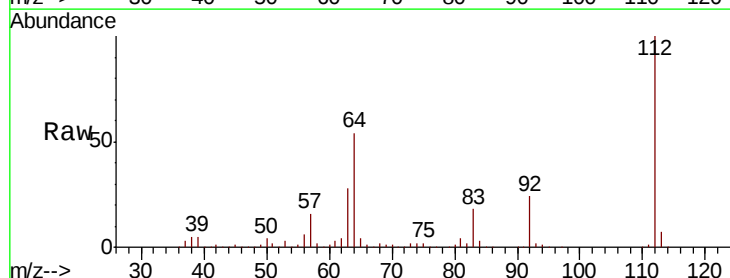
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



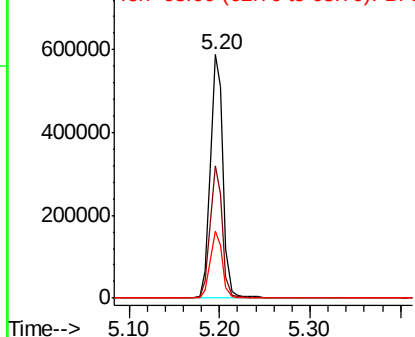
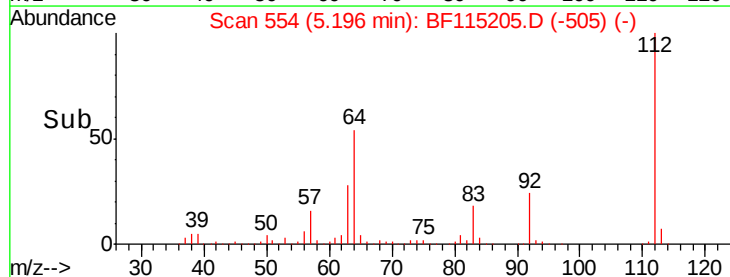
#5

2-Fluorophenol
Concen: 44.604 ng
RT: 5.20 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Tgt Ion:112 Resp: 585951
Ion Ratio Lower Upper
112 100
64 54.4 43.8 65.6
63 27.7 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: 47.396 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115205.D

Acq: 25 Jun 2019 23:18

Instrument :

BNA_F

ClientSampleId :

HD-02-062419

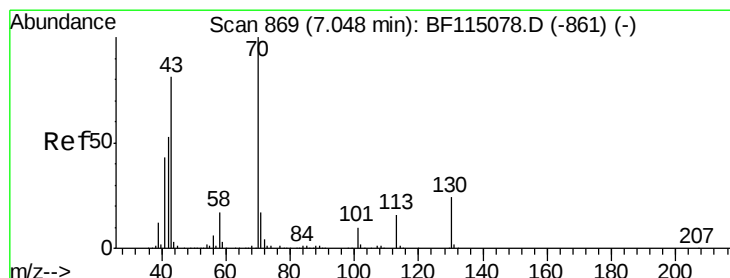
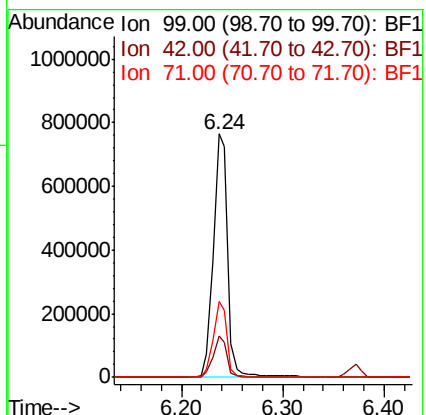
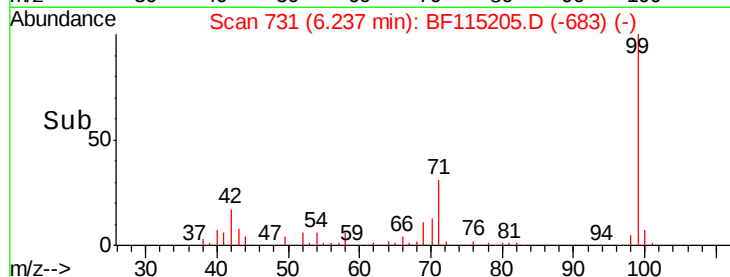
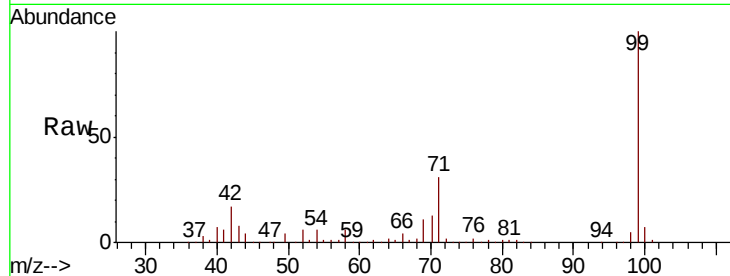
Tgt Ion: 99 Resp: 755717

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

71 31.1 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.061 ng

RT: 7.17 min Scan# 889

Delta R.T. 0.12 min

Lab File: BF115205.D

Acq: 25 Jun 2019 23:18

Tgt Ion: 70 Resp: 51662

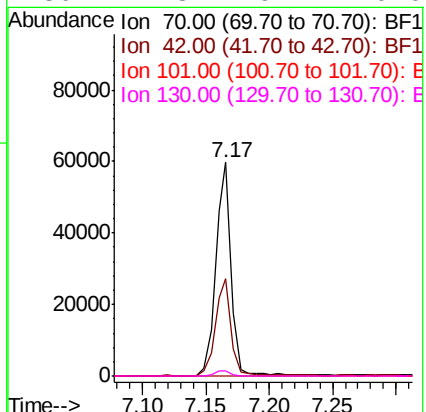
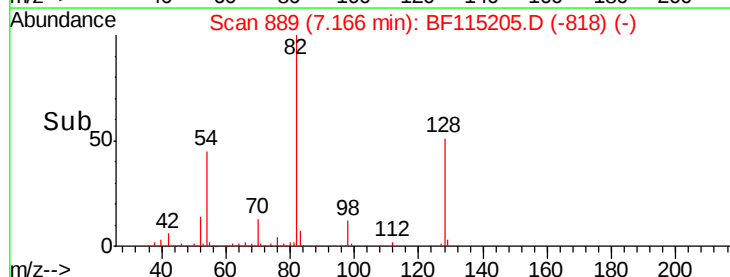
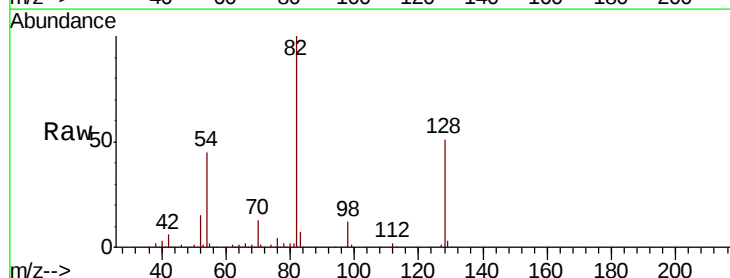
Ion Ratio Lower Upper

70 100

42 45.5 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

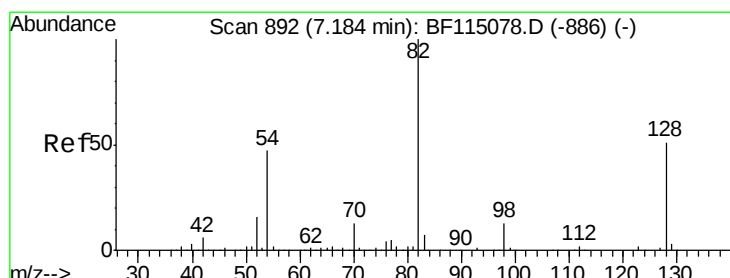
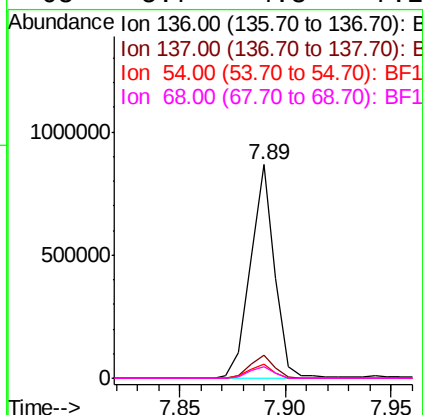
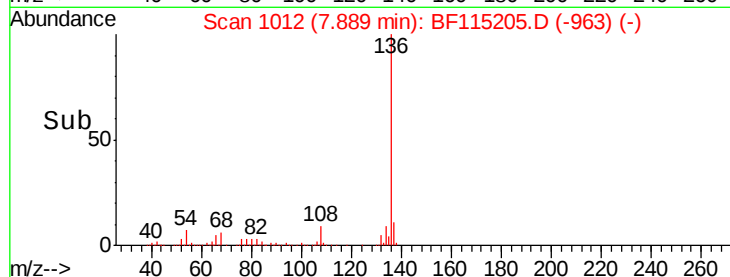
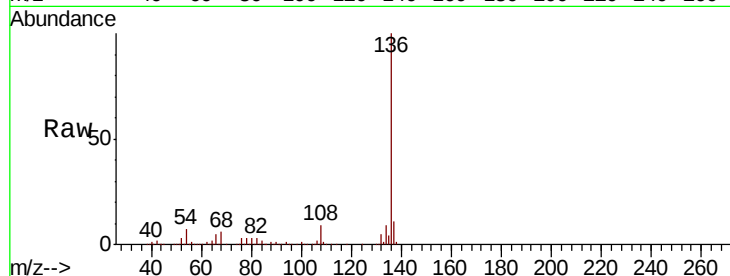




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

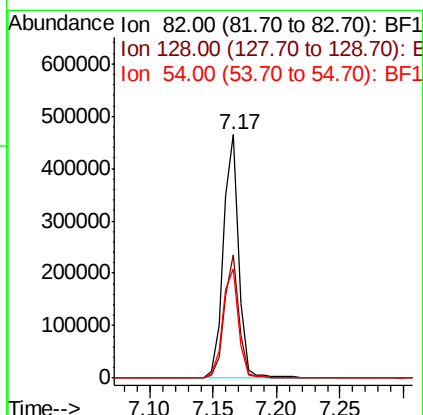
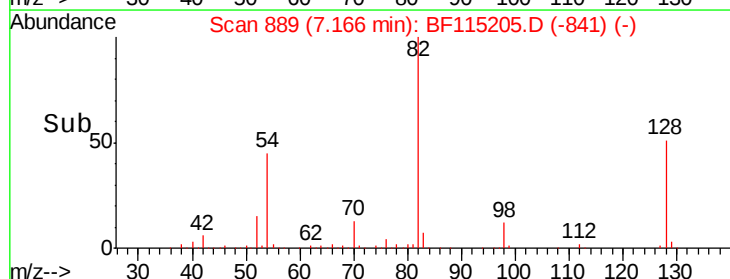
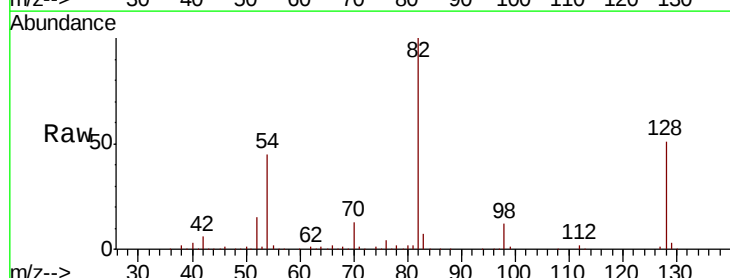
Instrument :
BNA_F
ClientSampleId :
HD-02-062419

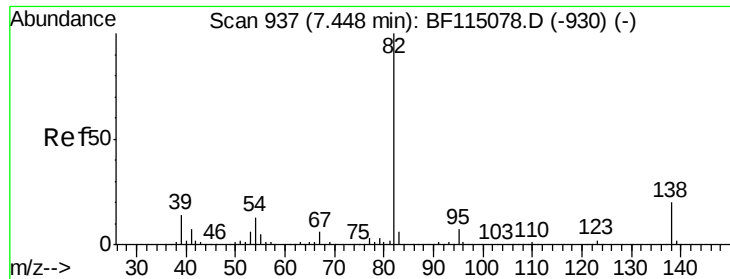
Tgt Ion:	136	Resp:	688451
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.6	8.4
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 35.228 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Tgt Ion:	82	Resp:	394258
Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.4	60.6
54	44.9	37.5	56.3





#25

Isophorone

Concen: 16.702 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF115205.D

Acq: 25 Jun 2019 23:18

Instrument :

BNA_F

ClientSampleId :

HD-02-062419

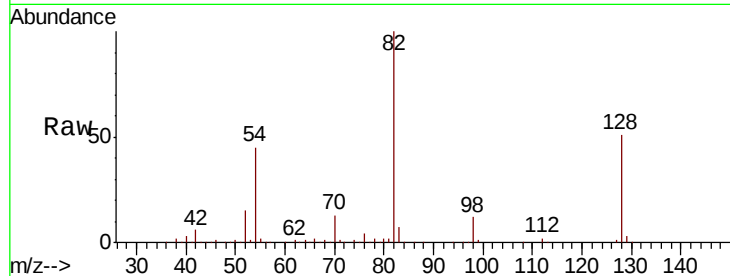
Tgt Ion: 82 Resp: 382913

Ion Ratio Lower Upper

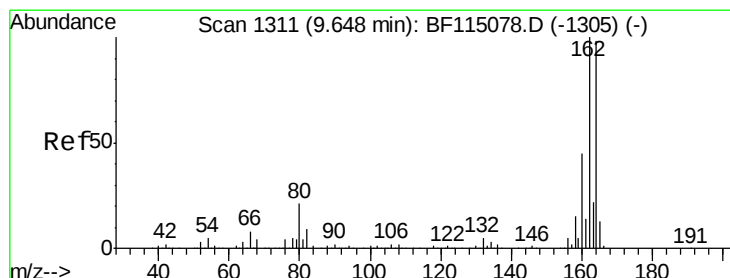
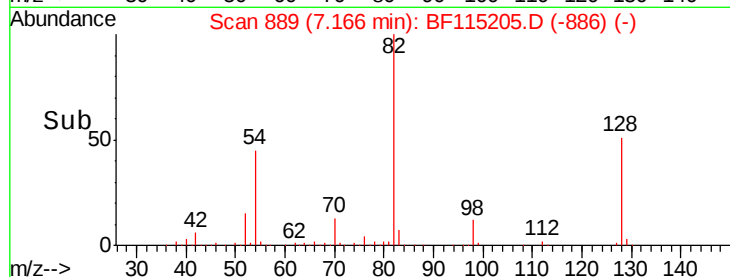
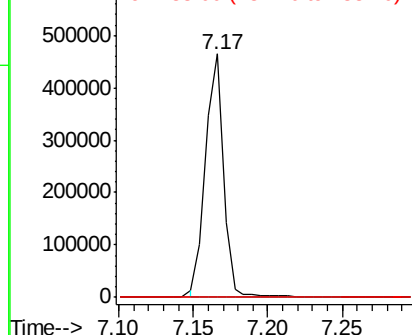
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115205.D

Acq: 25 Jun 2019 23:18

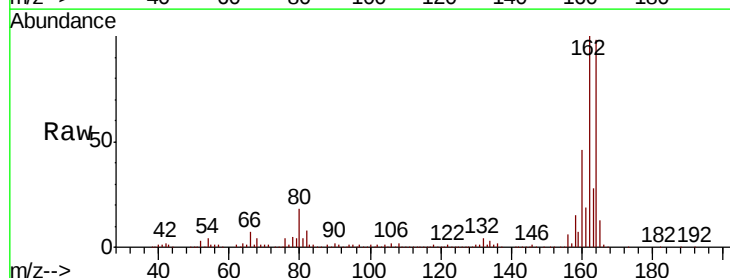
Tgt Ion: 164 Resp: 317963

Ion Ratio Lower Upper

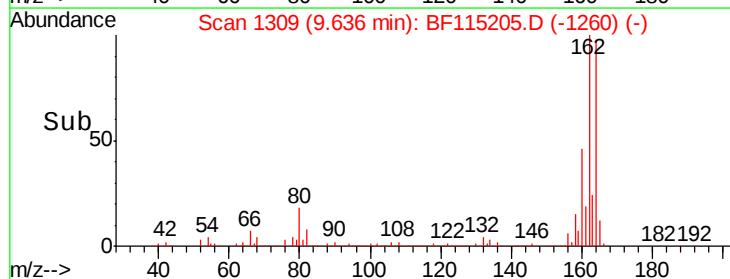
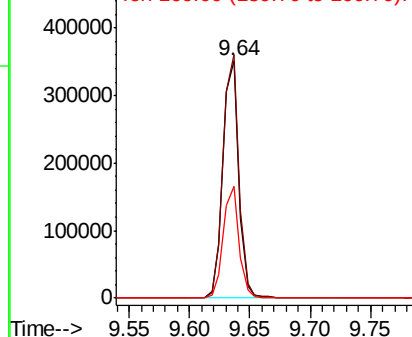
164 100

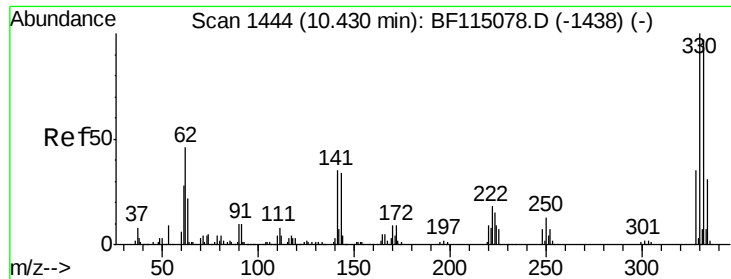
162 102.5 81.7 122.5

160 47.0 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

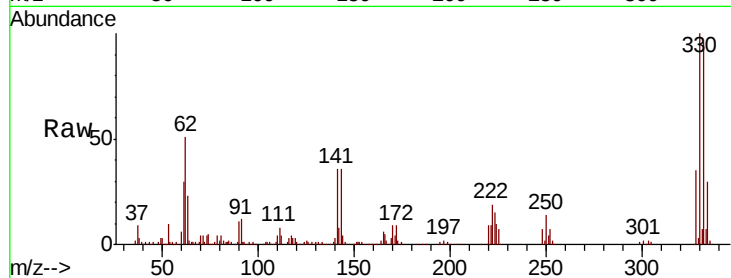




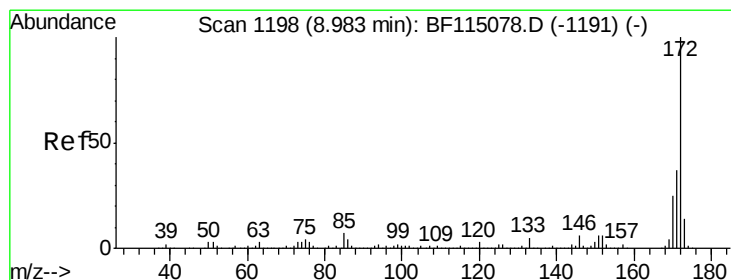
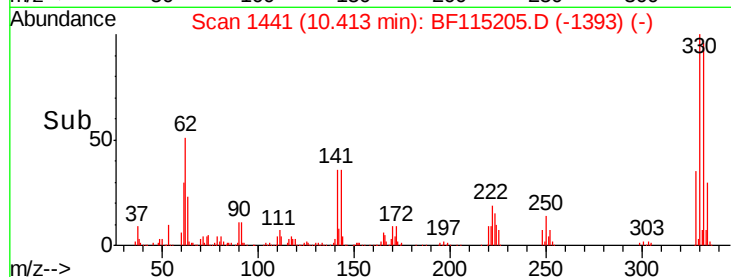
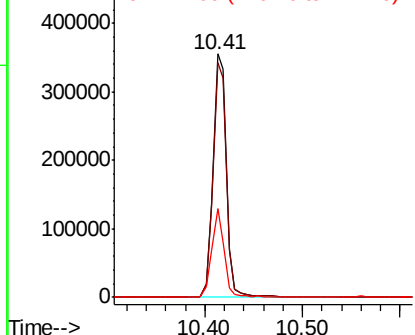
#42
 2,4,6-Tribromophenol
 Concen: 100.875 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF115205.D
 Acq: 25 Jun 2019 23:18

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062419

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.2	28.2	42.2

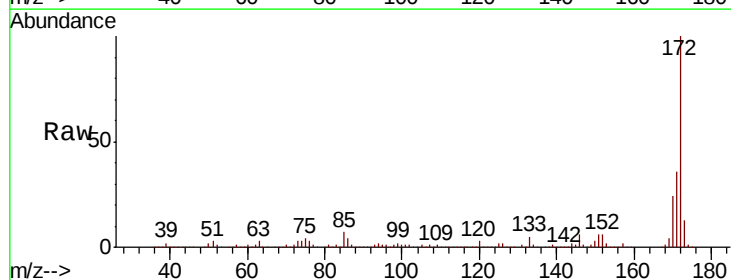


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

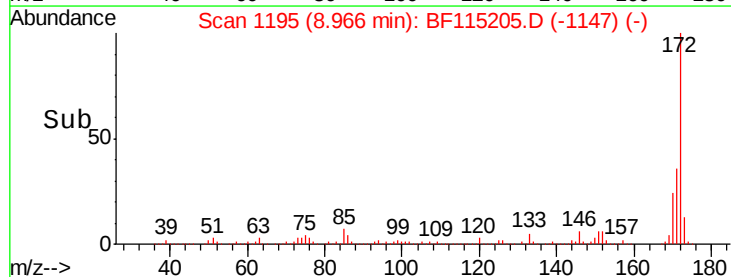
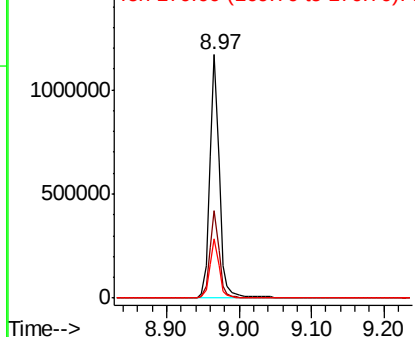


#45
 2-Fluorobiphenyl
 Concen: 57.366 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115205.D
 Acq: 25 Jun 2019 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	24.1	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

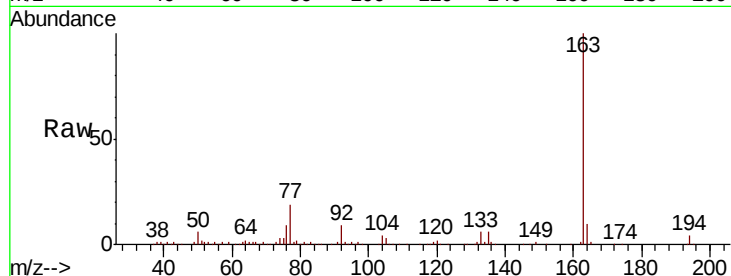




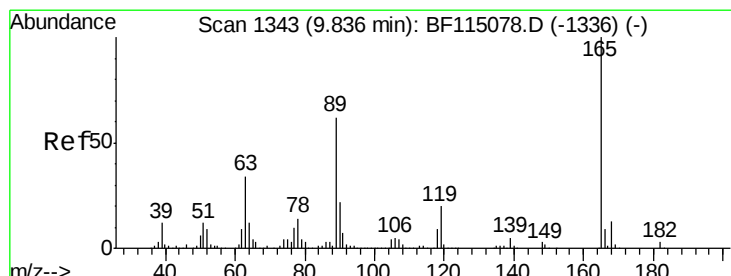
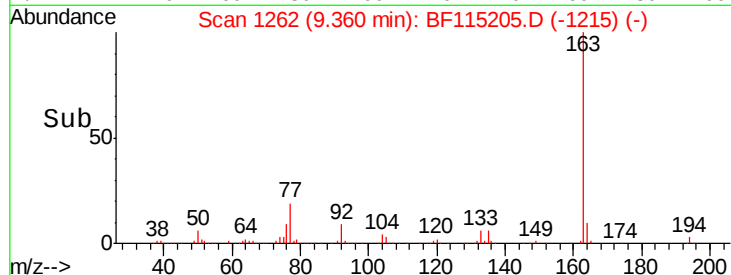
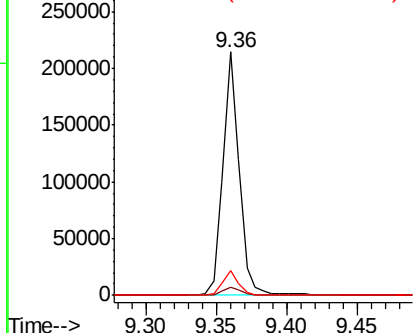
#50
Dimethylphthalate
Concen: 7.434 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Instrument :
BNA_F
ClientSampleId :
HD-02-062419

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.1	8.6	13.0



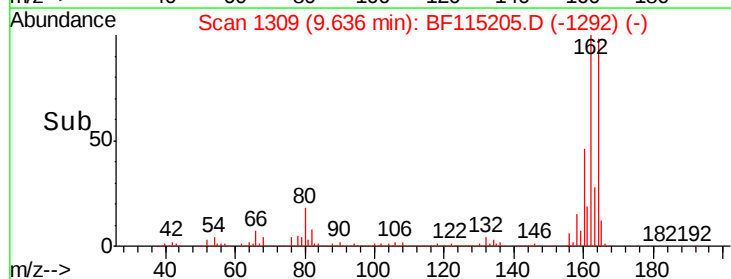
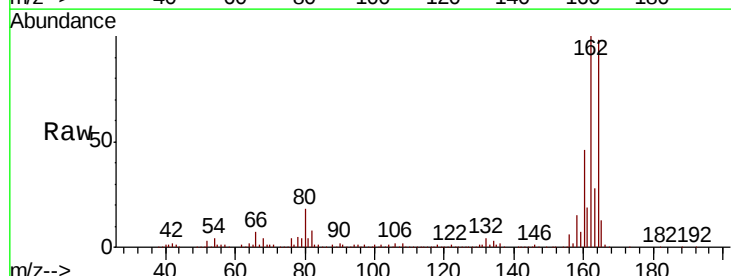
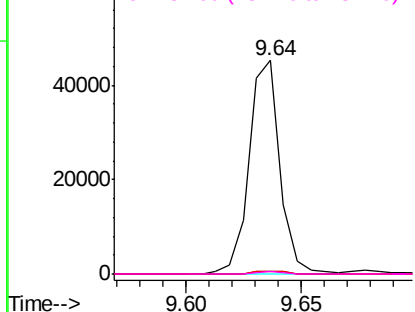
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

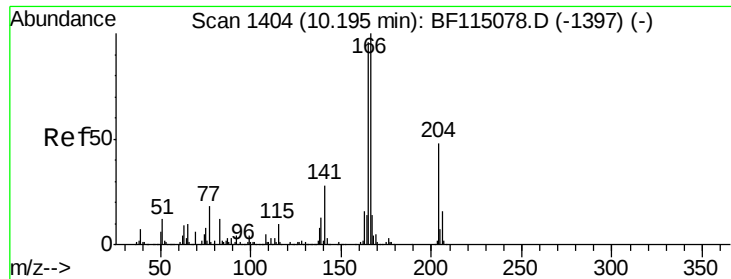


#57
2,4-Dinitrotoluene
Concen: 6.061 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.3	49.9	74.9#
182	1.2	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

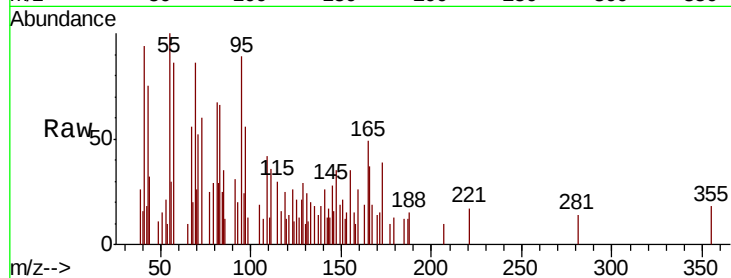




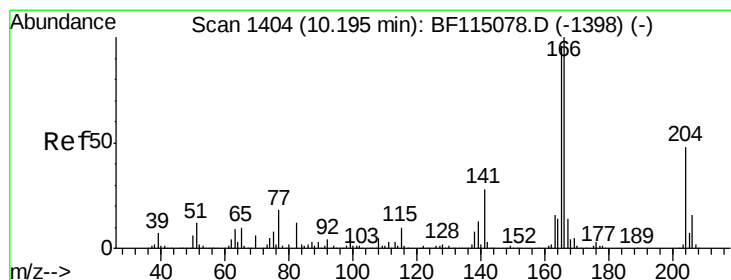
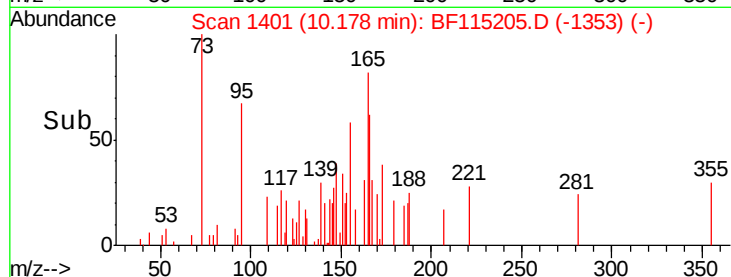
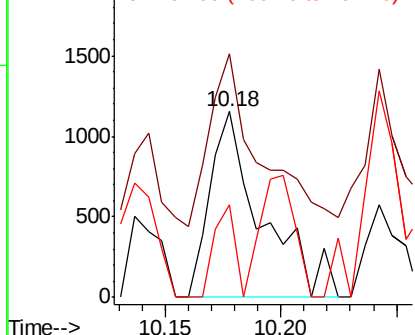
#58
 Fluorene
 Concen: Below Cal
 RT: 10.18 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF115205.D
 Acq: 25 Jun 2019 23:18

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-062419

Tgt Ion:166 Resp: 1795
 Ion Ratio Lower Upper
 166 100
 165 130.9 76.5 114.7#
 167 50.1 11.0 16.4#

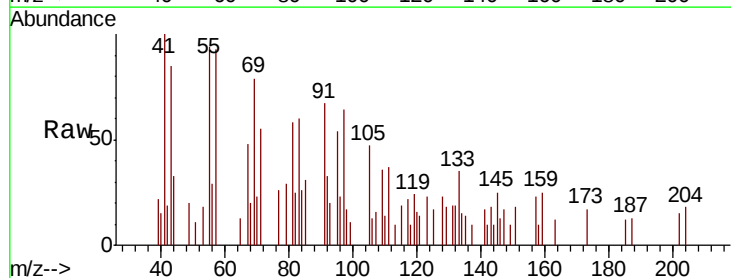


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

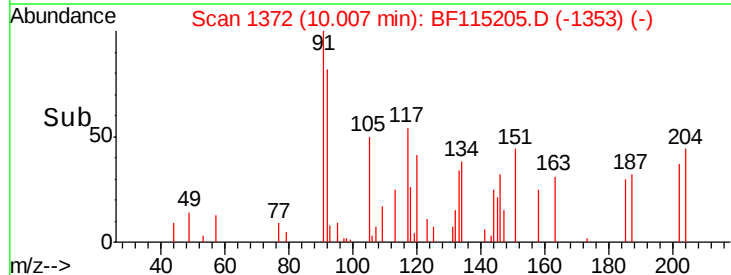
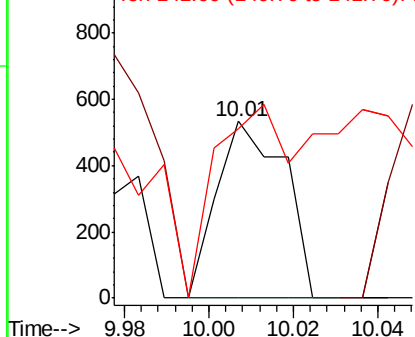


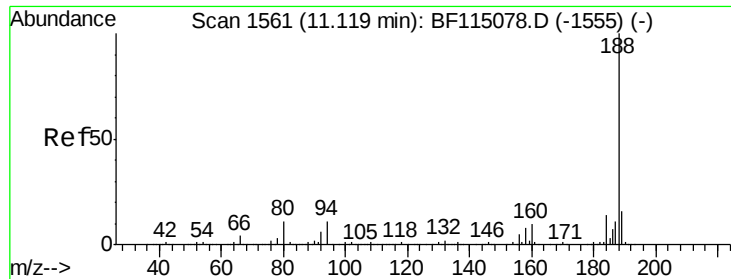
#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.01 min Scan# 1372
 Delta R.T. -0.19 min
 Lab File: BF115205.D
 Acq: 25 Jun 2019 23:18

Tgt Ion:204 Resp: 596
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 40.0#
 141 96.2 46.7 70.1#



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

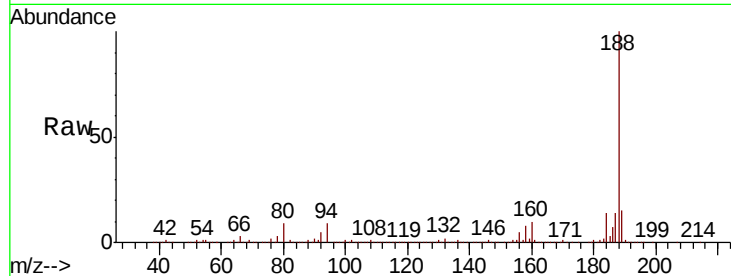




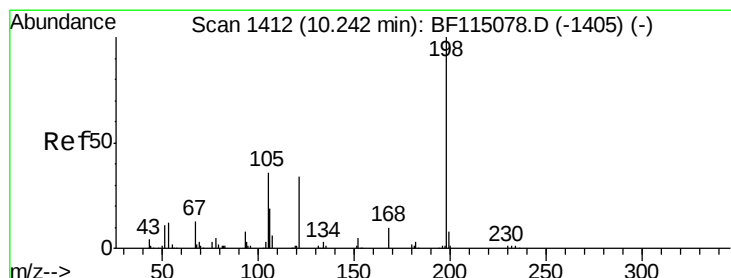
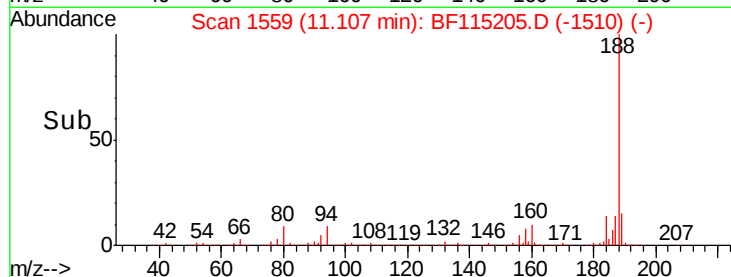
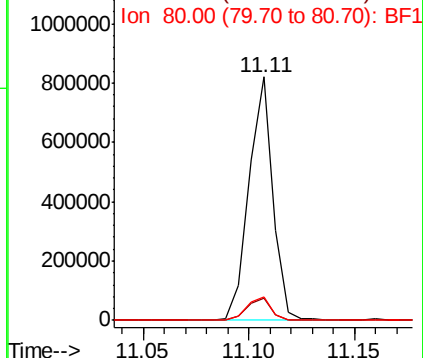
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Instrument :
BNA_F
ClientSampleId :
HD-02-062419

Tgt Ion:188 Resp: 645572
Ion Ratio Lower Upper
188 100
94 9.3 8.6 12.8
80 9.4 8.8 13.2

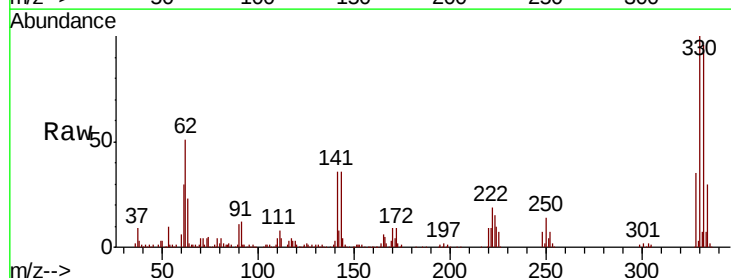


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

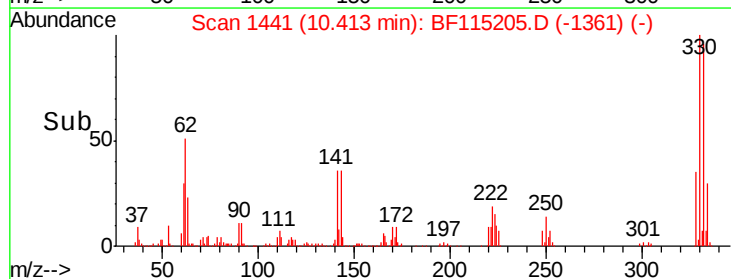
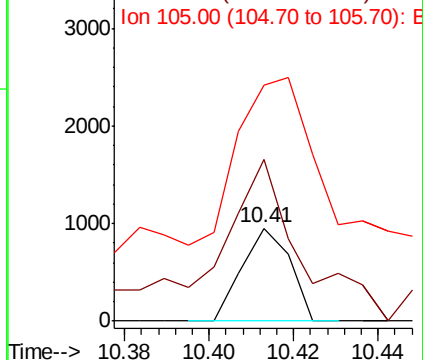


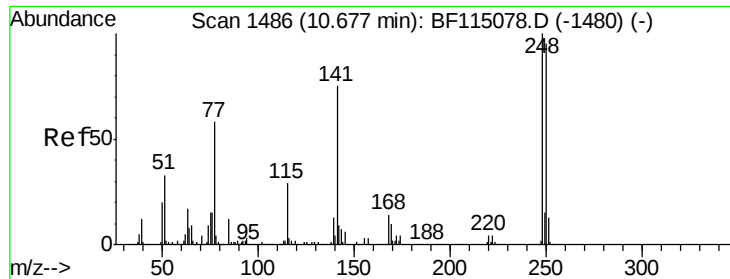
#65
4,6-Dinitro-2-methylphenol
Concen: 5.155 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.17 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Tgt Ion:198 Resp: 748
Ion Ratio Lower Upper
198 100
51 174.6 11.0 51.0#
105 254.2 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

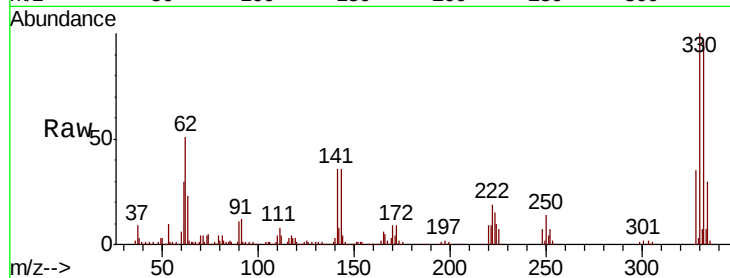




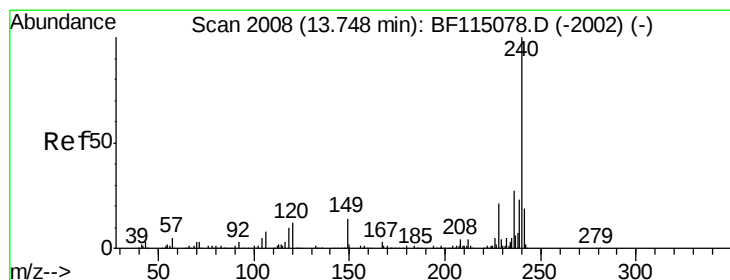
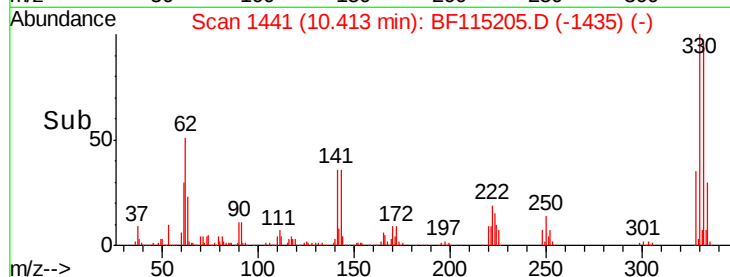
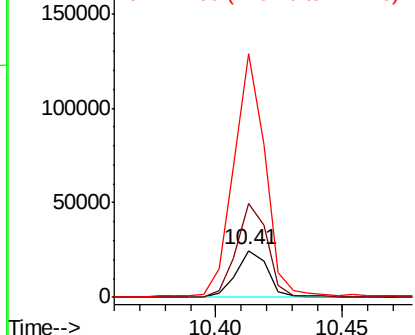
#67
4-Bromophenyl-phenylether
Concen: 3.055 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.26 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Instrument :
BNA_F
ClientSampleId :
HD-02-062419

Tgt Ion:248 Resp: 21386
Ion Ratio Lower Upper
248 100
250 200.5 76.2 114.2#
141 523.3 59.6 89.4#

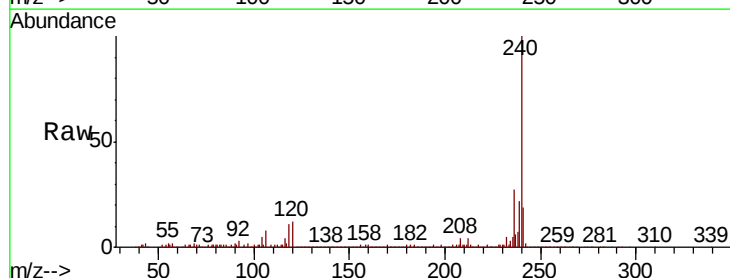


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

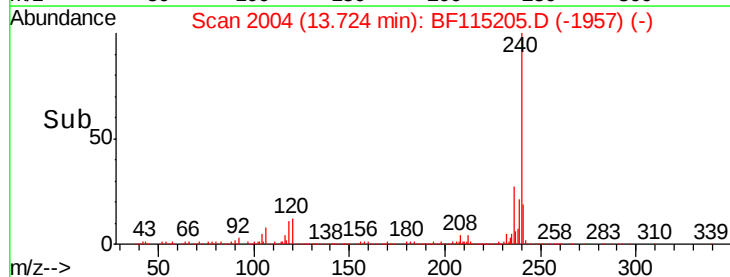
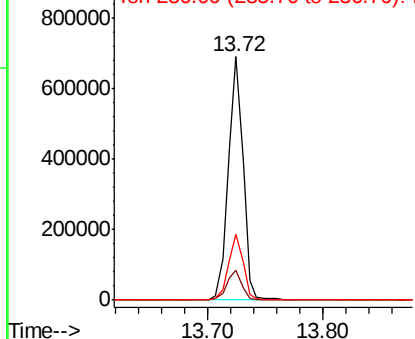


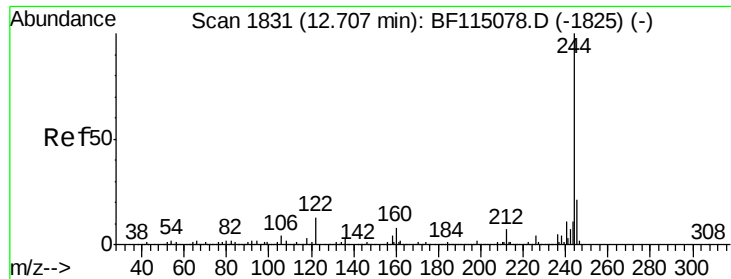
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115205.D
Acq: 25 Jun 2019 23:18

Tgt Ion:240 Resp: 610558
Ion Ratio Lower Upper
240 100
120 12.5 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: 60.903 ng

RT: 12.70 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115205.D

Acq: 25 Jun 2019 23:18

Instrument :

BNA_F

ClientSampleId :

HD-02-062419

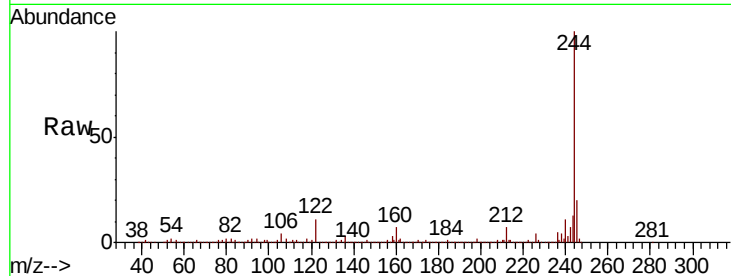
Tgt Ion:244 Resp: 1748914

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

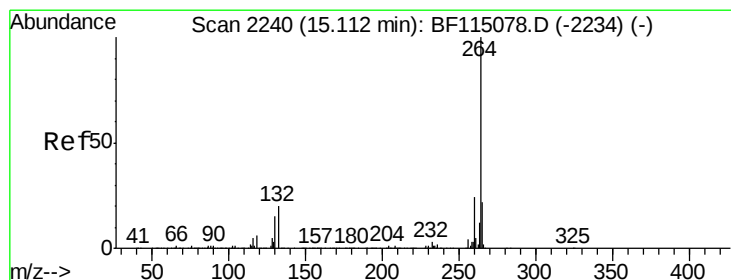
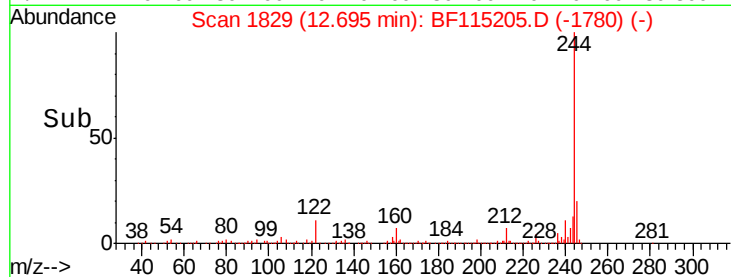
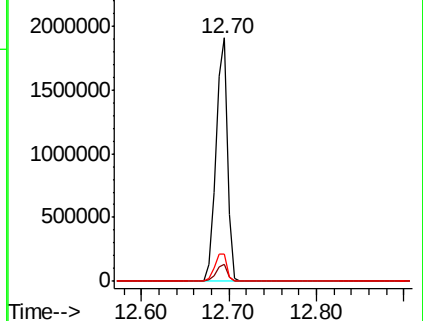
122 11.1 10.4 15.6



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: 15.09 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF115205.D

Acq: 25 Jun 2019 23:18

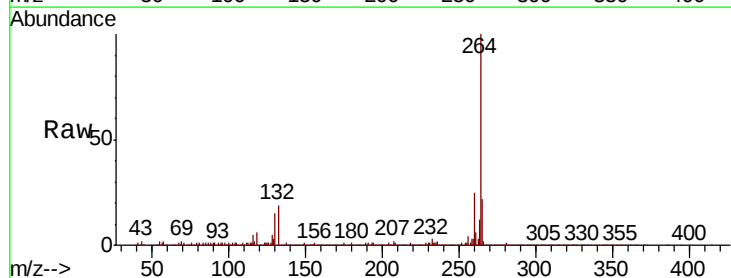
Tgt Ion:264 Resp: 641074

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.9 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

