

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115314.D
 Acq On : 29 Jun 2019 11:19
 Operator : HP/JU
 Sample : K3555-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

Quant Time: Jun 30 01:42:16 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

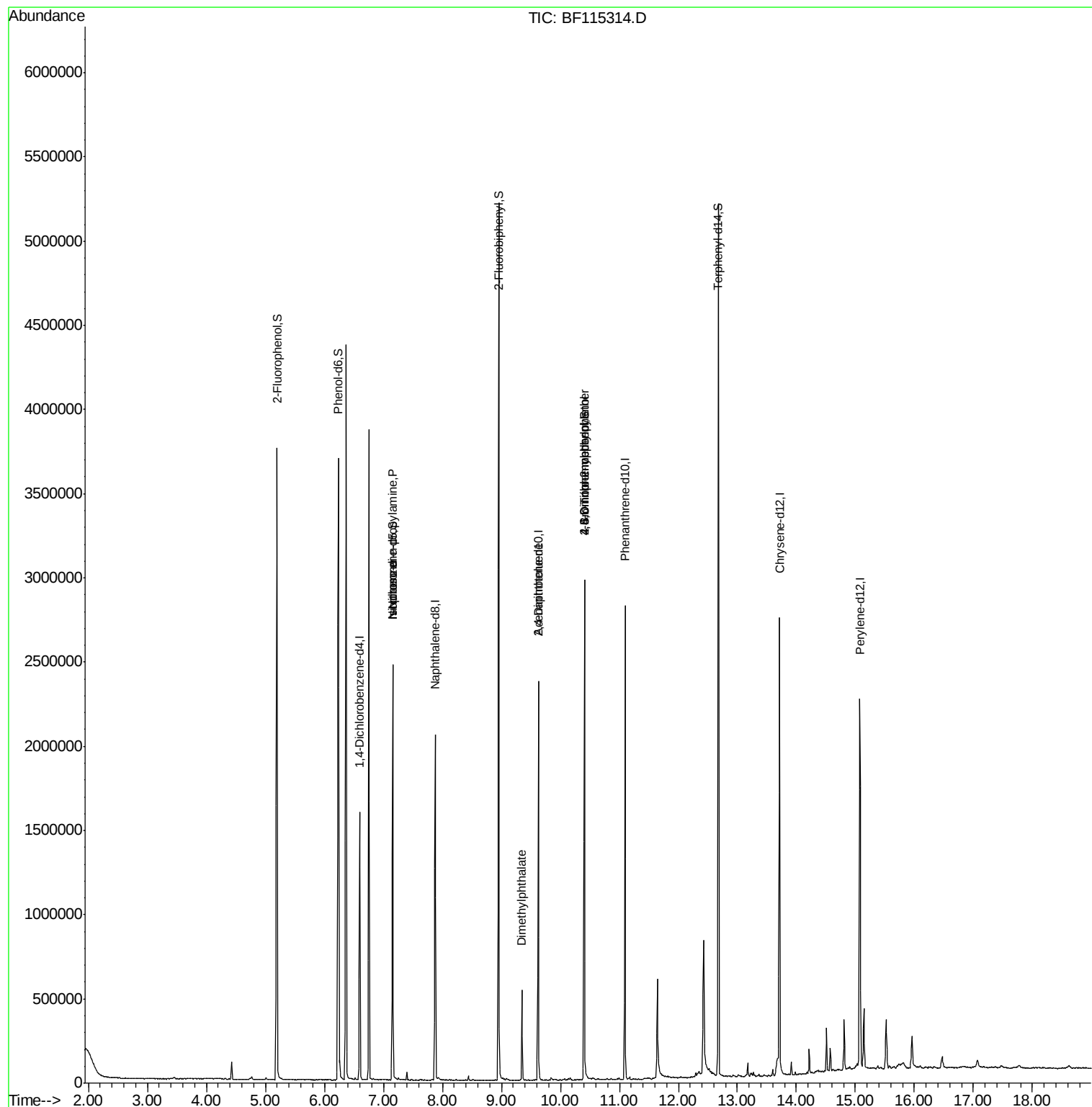
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	233232	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	927120	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	470299	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	946733	20.00	ng	0.00
76) Chrysene-d12	13.71	240	837672	20.00	ng	0.00
87) Perylene-d12	15.08	264	944128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1159635	76.73	ng	0.00
7) Phenol-d6	6.24	99	1475758	80.45	ng	0.00
23) Nitrobenzene-d5	7.16	82	878420	58.28	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	426823	86.06	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1626262	58.74	ng	0.00
79) Terphenyl-d14	12.68	244	1904329	48.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	116818	9.947	ng	# 76
25) Isophorone	7.16	82	871002	28.211	ng	# 63
50) Dimethylphthalate	9.35	163	203237	5.874	ng	# 97
57) 2,4-Dinitrotoluene	9.62	165	60484	5.864	ng	# 30
58) Fluorene	10.40	166	20084	Below Cal		# 90
65) 4,6-Dinitro-2-methylphenol	10.40	198	893	5.119	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	26663	2.598	ng	# 1

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

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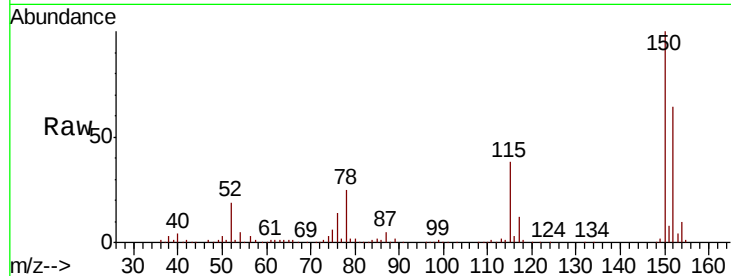




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	59.9	46.1	69.1

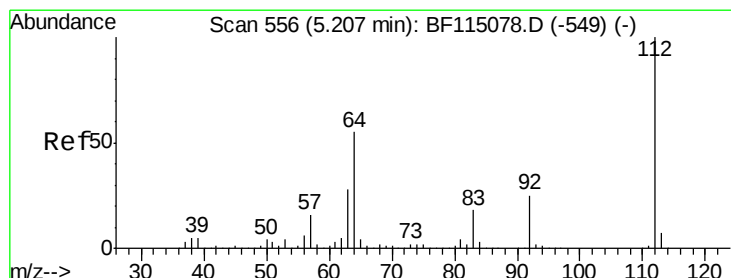
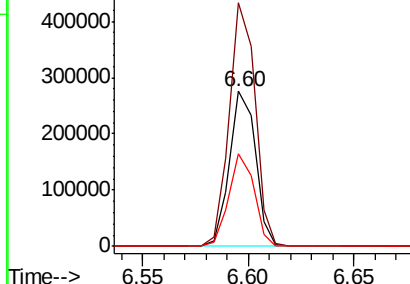
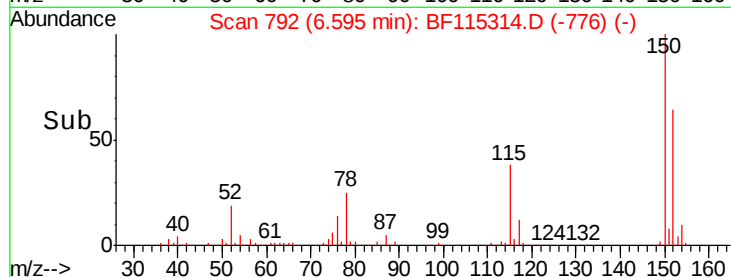


Abundance

Ion 152.00 (151.70 to 152.70): E

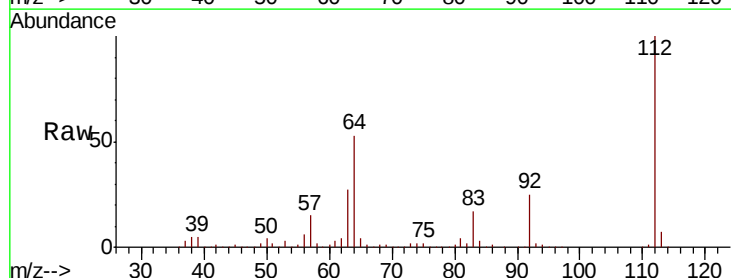
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 76.727 ng
 RT: 5.20 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	43.8	65.6
63	26.7	22.2	33.4

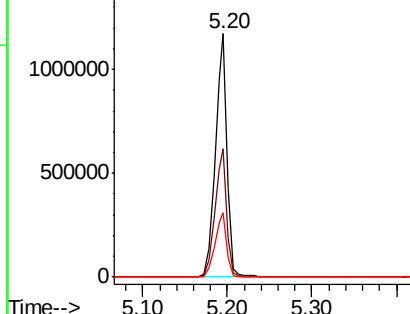
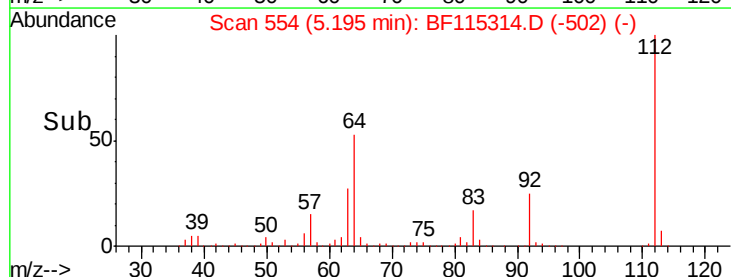


Abundance

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: 80.447 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

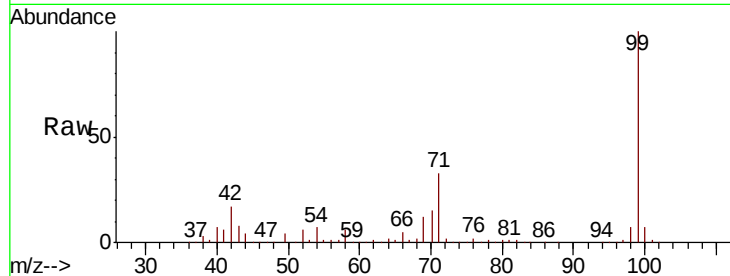
Tgt Ion: 99 Resp: 1475758

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

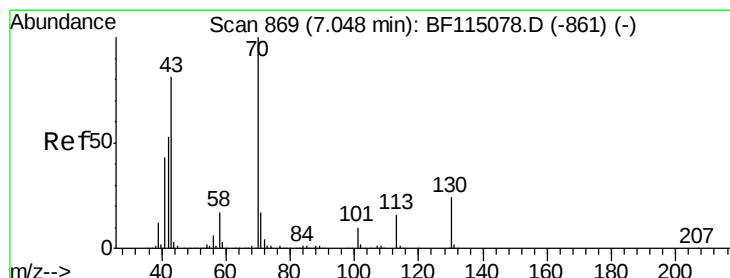
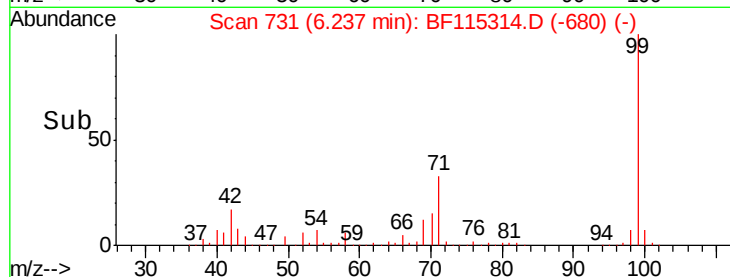
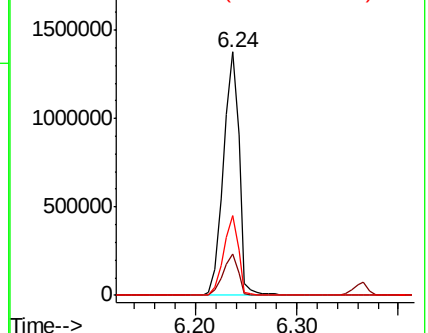
71 32.6 25.5 38.3



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: 9.947 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Tgt Ion: 70 Resp: 116818

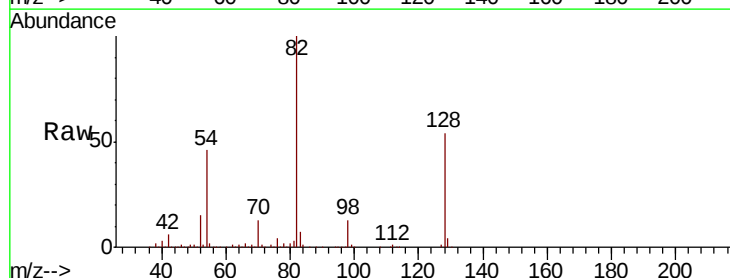
Ion Ratio Lower Upper

70 100

42 43.2 42.6 63.8

101 0.0 8.0 12.0#

130 2.1 19.4 29.0#

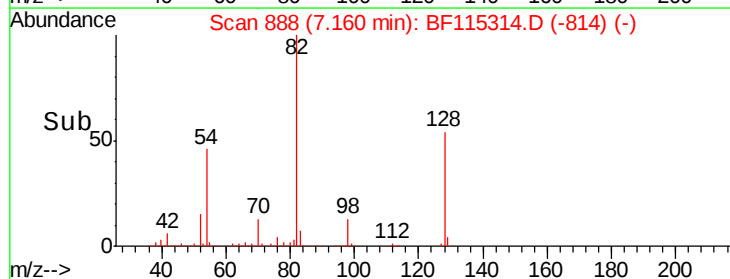
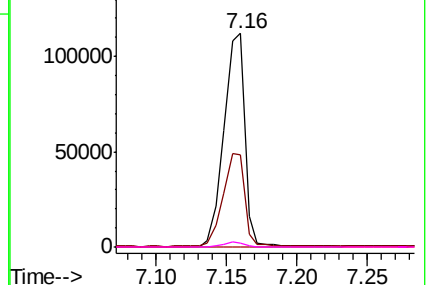


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

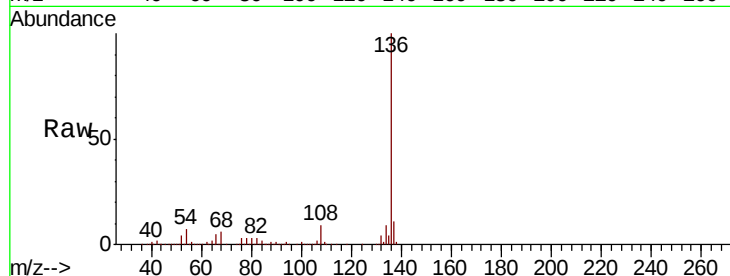




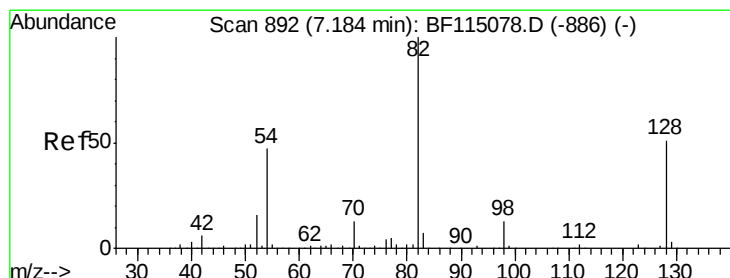
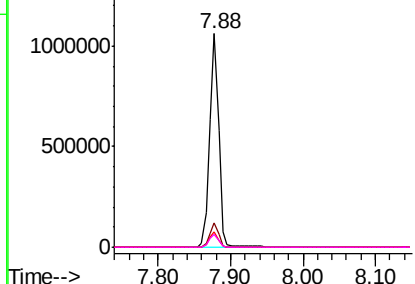
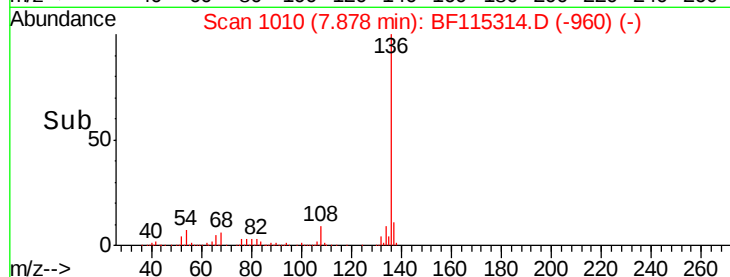
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

Tgt Ion:	136	Resp:	927120
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	5.6	8.4
68	5.9	4.8	7.2

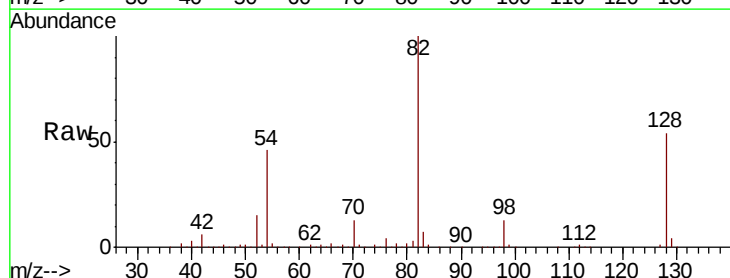


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

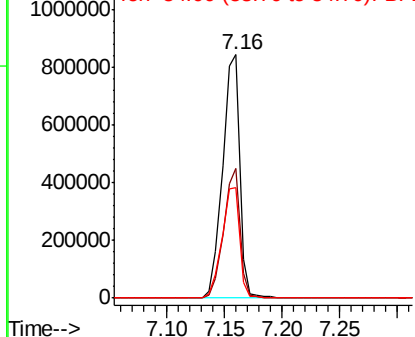
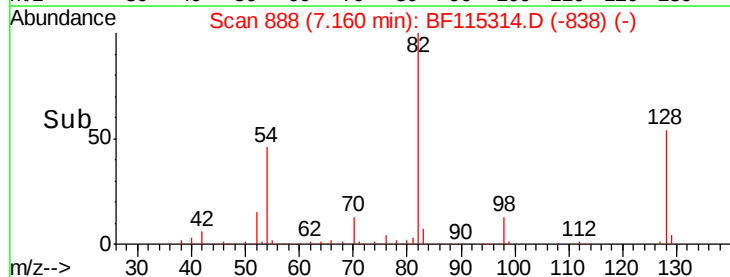


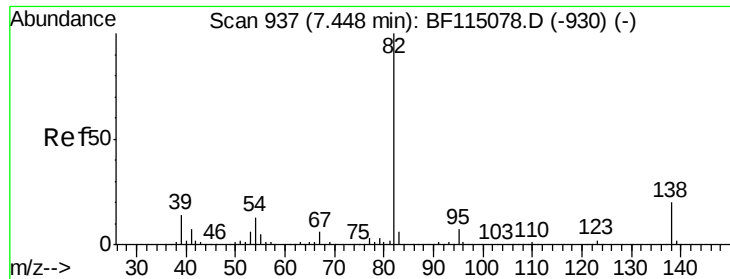
#23
Nitrobenzene-d5
Concen: 58.284 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion:	82	Resp:	878420
Ion	Ratio	Lower	Upper
82	100		
128	53.5	40.4	60.6
54	45.6	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: 28.211 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampled :

SAMPLE-14

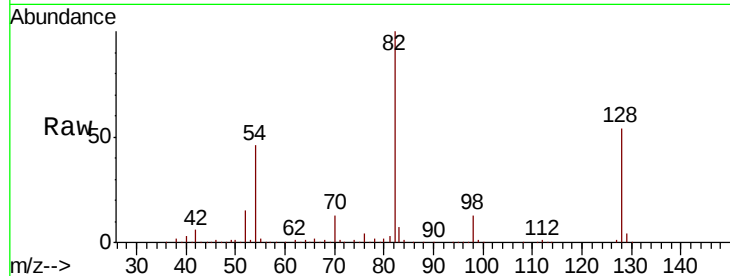
Tgt Ion: 82 Resp: 871002

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

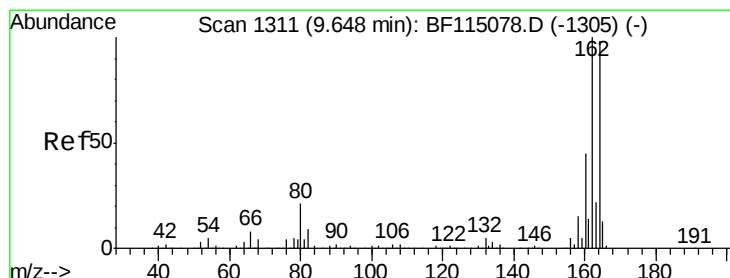
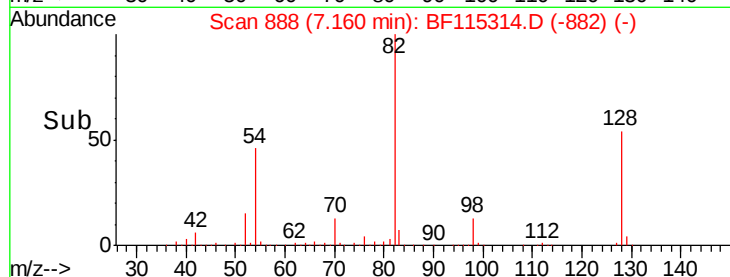
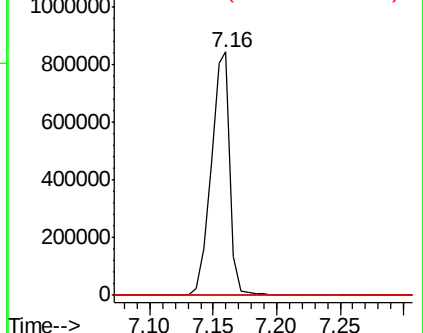
138 0.0 15.9 23.9#



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# 1307

Delta R.T. 0.00 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

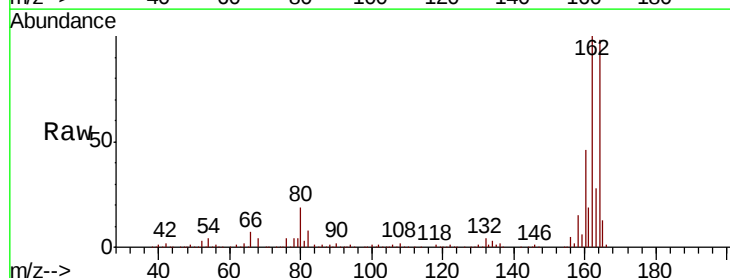
Tgt Ion: 164 Resp: 470299

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

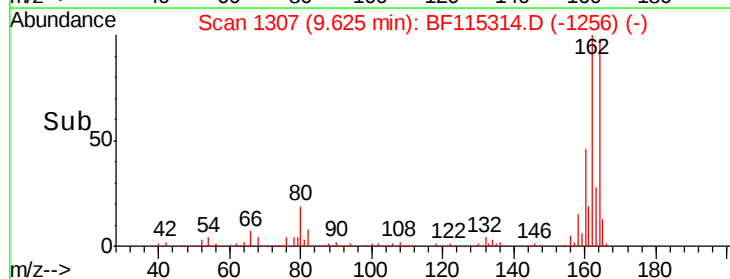
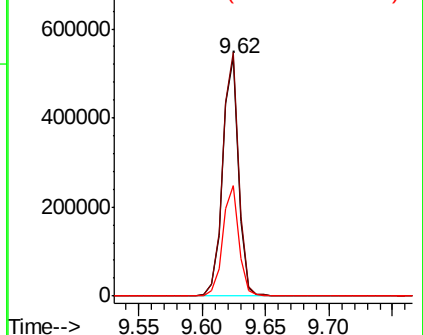
160 46.6 37.0 55.4

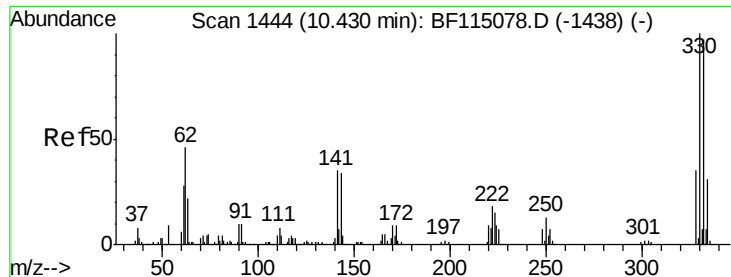


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

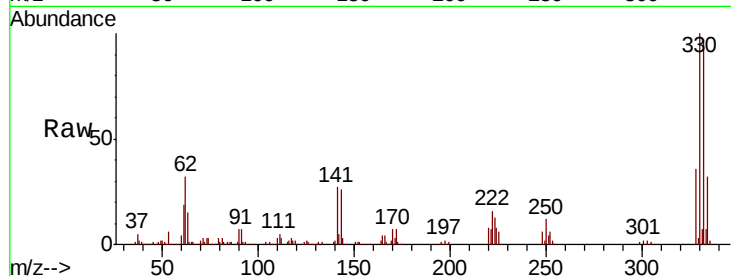




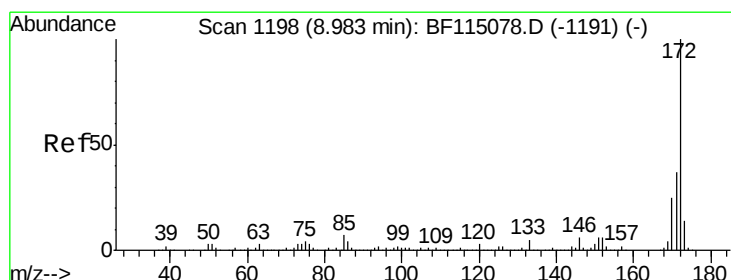
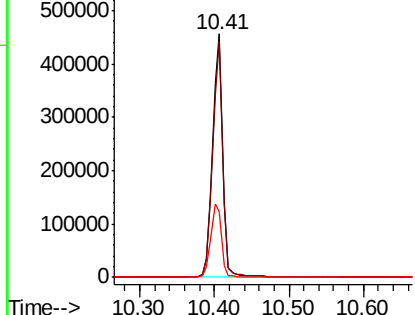
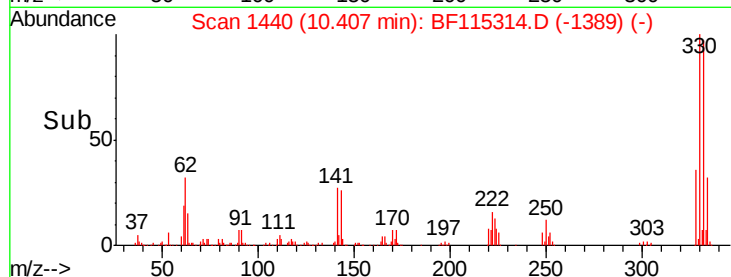
#42
 2,4,6-Tribromophenol
 Concen: 86.062 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampled :
 SAMPLE-14

Tgt Ion:330 Resp: 426823
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 32.2 28.2 42.2

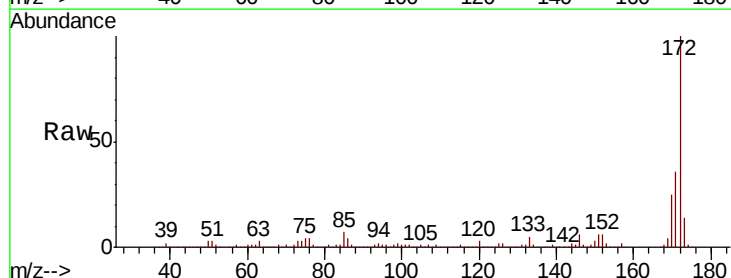


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

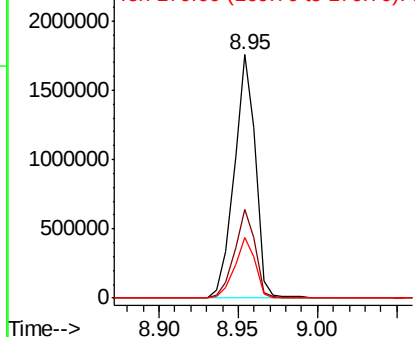
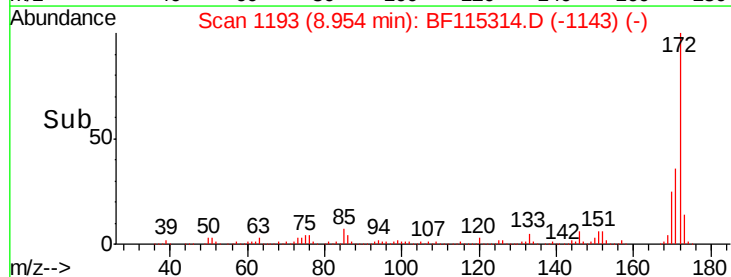


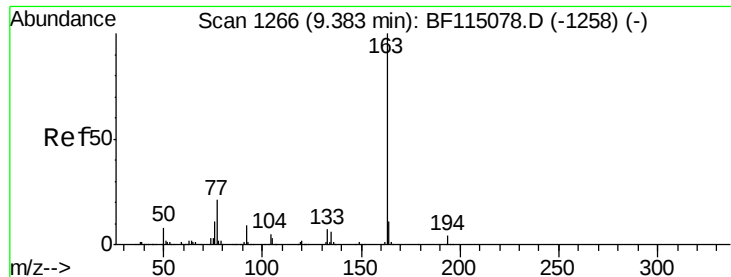
#45
 2-Fluorobiphenyl
 Concen: 58.737 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion:172 Resp: 1626262
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.9 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

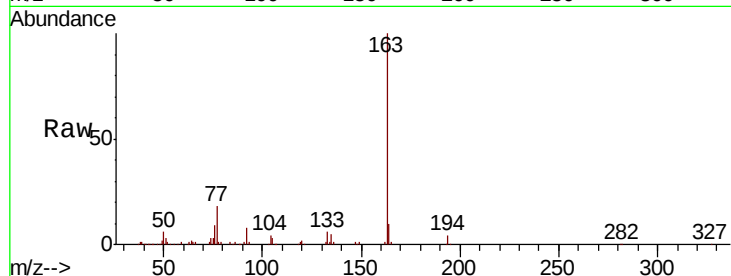




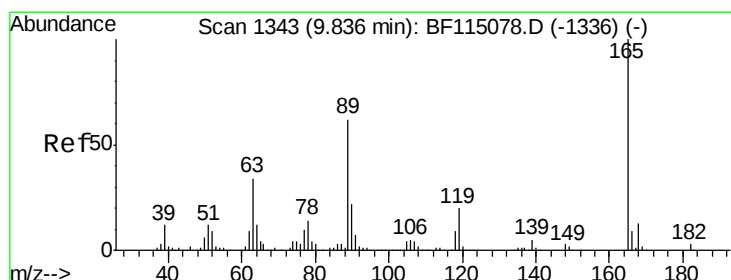
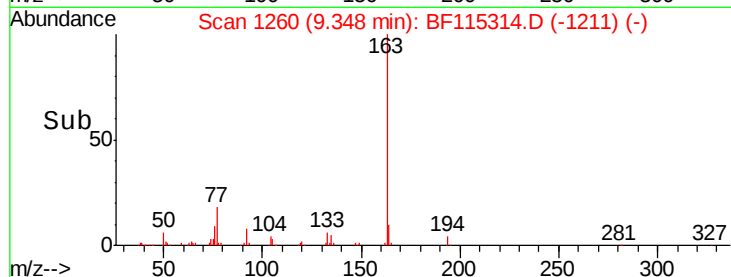
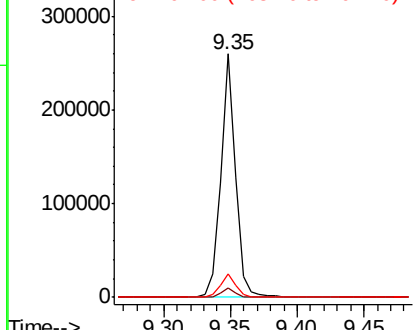
#50
Dimethylphthalate
Concen: 5.874 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.5	8.6	13.0

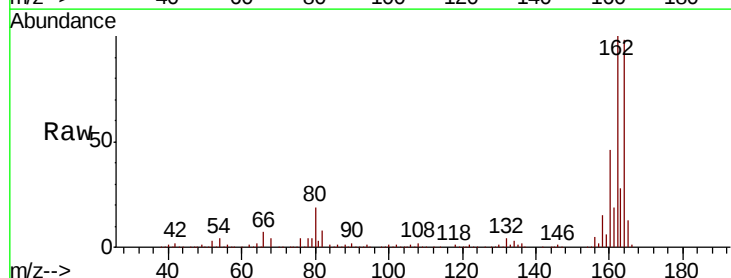


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

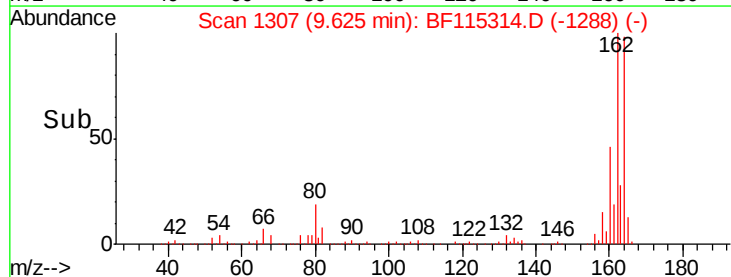
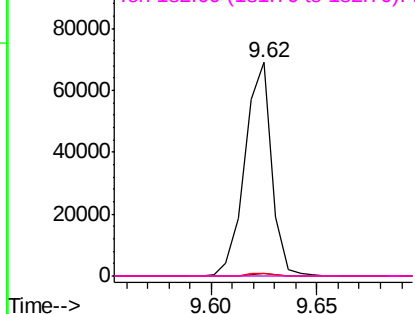


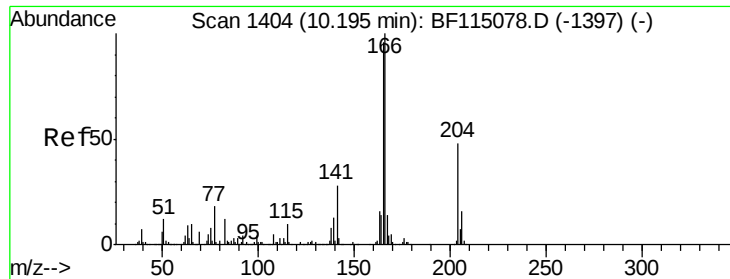
#57
2,4-Dinitrotoluene
Concen: 5.864 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt 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: 10.40 min Scan# 1439

Delta R.T. 0.23 min

Lab File: BF115314.D

Acq: 29 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

SAMPLE-14

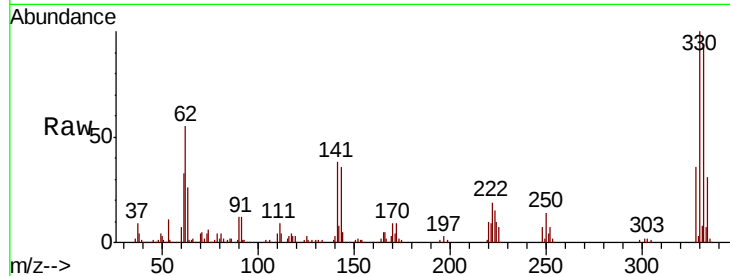
Tgt Ion:166 Resp: 20084

Ion Ratio Lower Upper

166 100

165 99.8 76.5 114.7

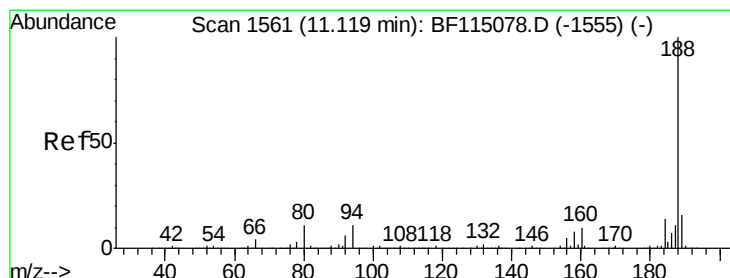
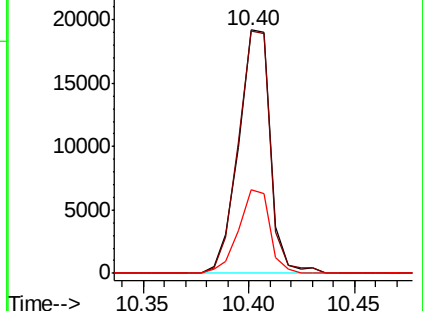
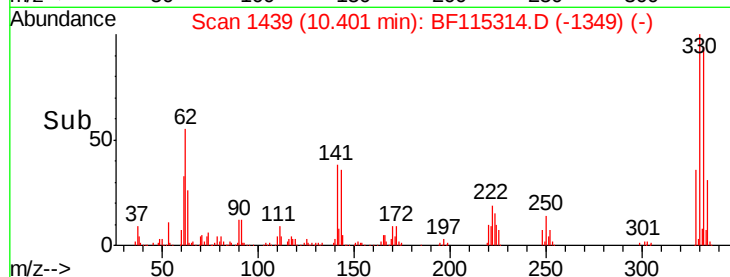
167 34.4 11.0 16.4#



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: BF115314.D

Acq: 29 Jun 2019 11:19

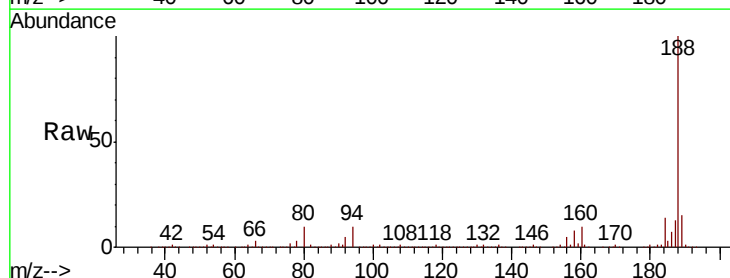
Tgt Ion:188 Resp: 946733

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

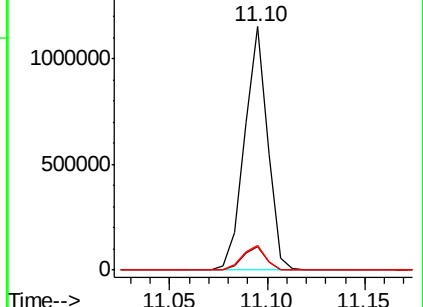
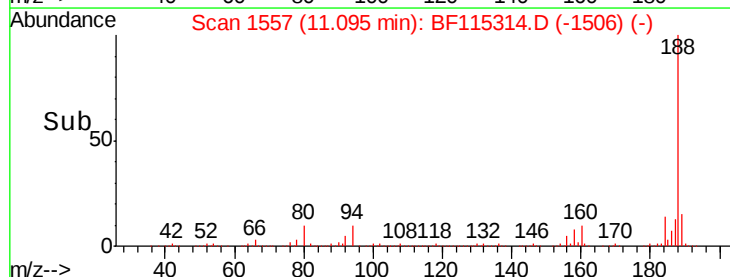
80 10.2 8.8 13.2

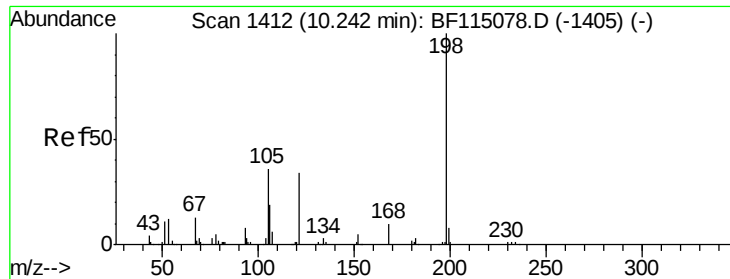


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

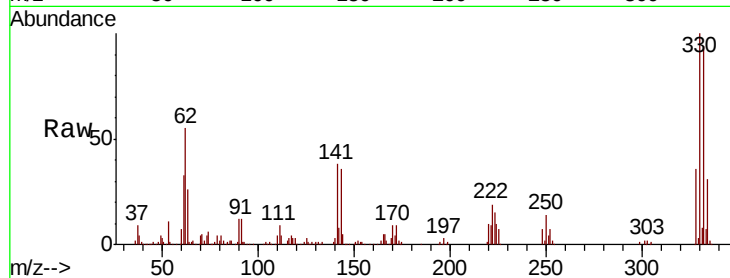




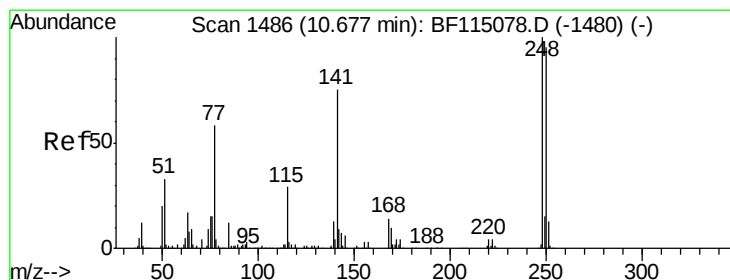
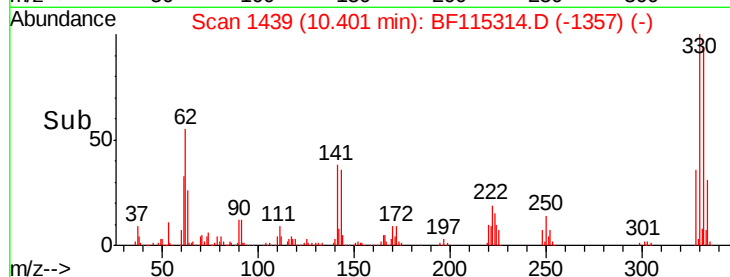
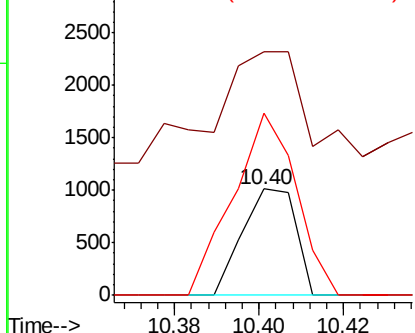
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.119 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.18 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-14

Tgt Ion:198 Resp: 893
 Ion Ratio Lower Upper
 198 100
 51 228.2 11.0 51.0#
 105 170.6 17.3 57.3#

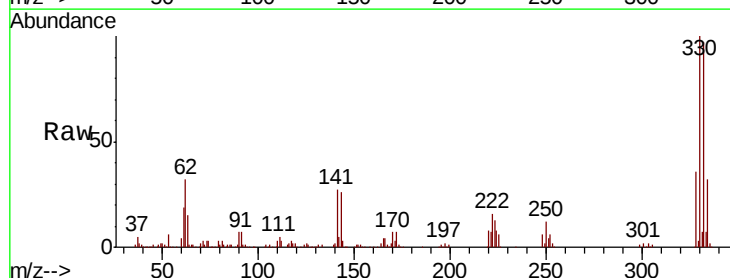


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

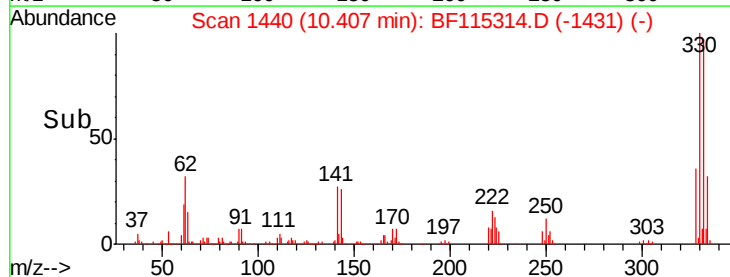
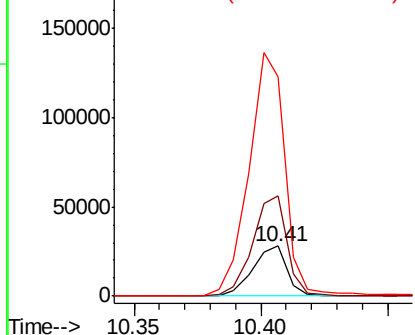


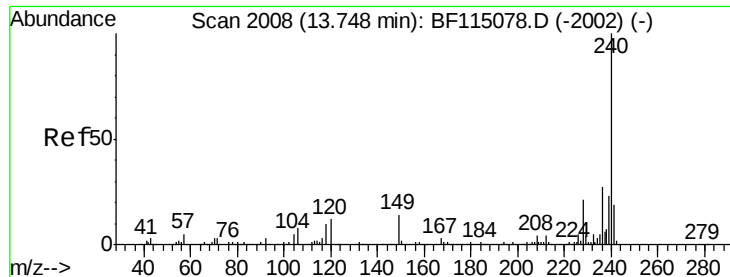
#67
 4-Bromophenyl-phenylether
 Concen: 2.598 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115314.D
 Acq: 29 Jun 2019 11:19

Tgt Ion:248 Resp: 26663
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.2 114.2#
 141 436.7 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

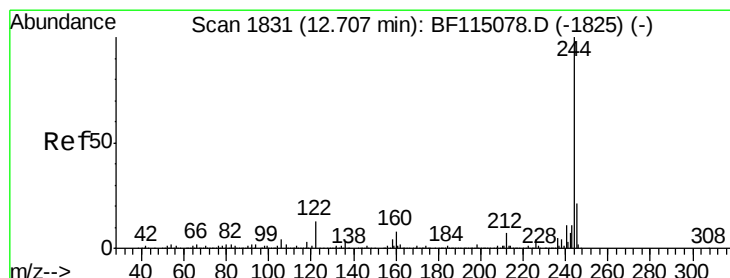
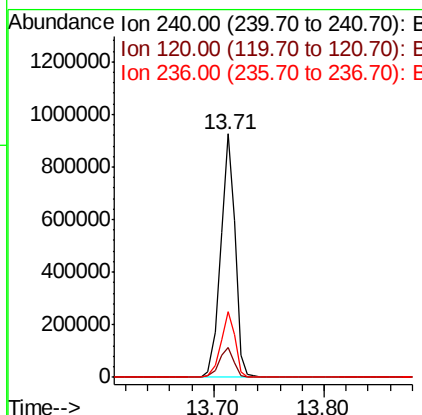
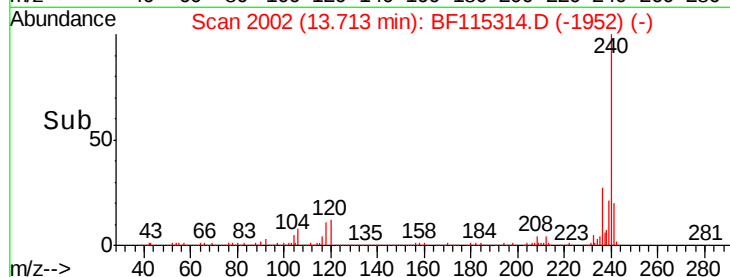
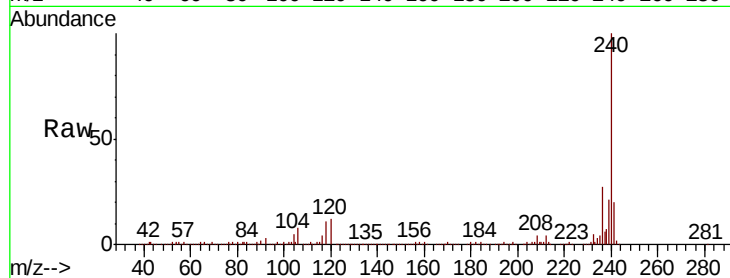




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

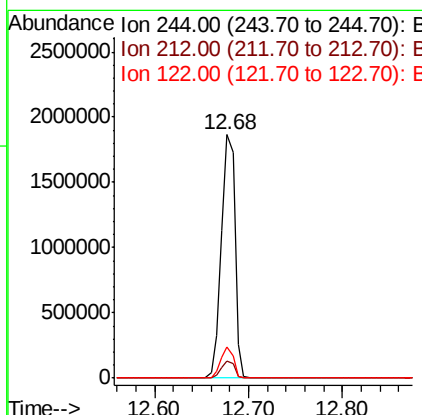
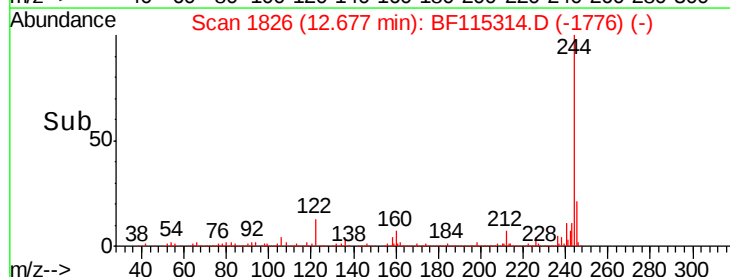
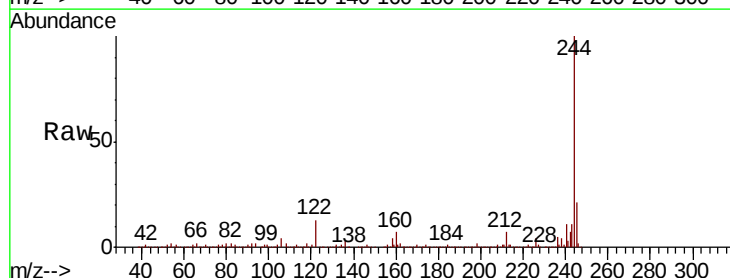
Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

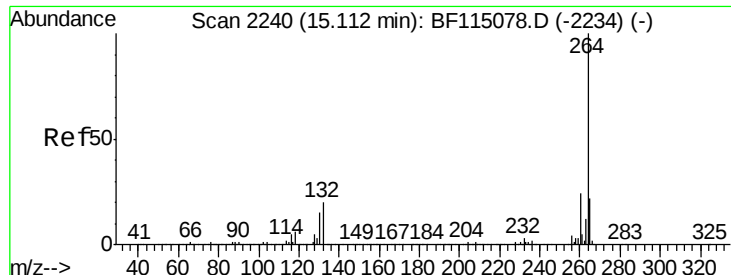
Tgt Ion:240 Resp: 837672
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 27.0 21.7 32.5



#79
Terphenyl-d14
Concen: 48.335 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Tgt Ion:244 Resp: 1904329
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 12.8 10.4 15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115314.D
Acq: 29 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :
SAMPLE-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	17.3	25.9

