

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115355.D
 Acq On : 2 Jul 2019 11:16
 Operator : HP/JU
 Sample : PB121082BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 12:00:48 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

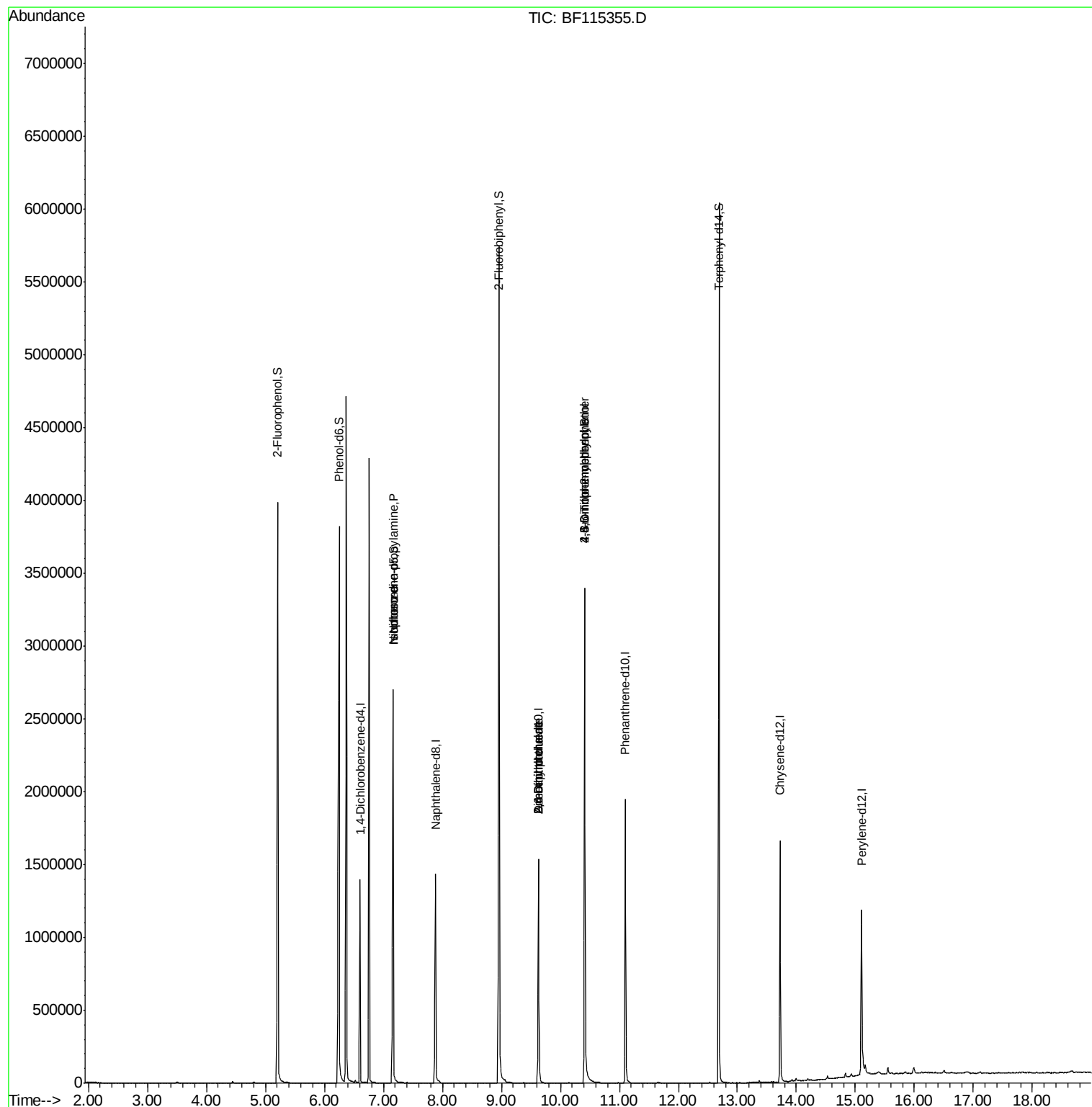
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	205125	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	785076	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	383691	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	753025	20.00	ng	0.00
76) Chrysene-d12	13.72	240	595305	20.00	ng	0.00
87) Perylene-d12	15.11	264	625714	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1410234	106.09	ng	0.02
7) Phenol-d6	6.25	99	1759955	109.09	ng	0.01
23) Nitrobenzene-d5	7.17	82	1099182	86.13	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	515266	127.35	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2115539	93.66	ng	0.00
79) Terphenyl-d14	12.69	244	2301680	82.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	145527	14.089	ng	# 76
25) Isophorone	7.17	82	1073888	41.076	ng	# 63
50) Dimethylphthalate	9.63	163	95655	3.389	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	48416	7.429	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	48418	5.754	ng	# 30
58) Fluorene	10.41	166	22361	Below Cal		# 84
65) 4,6-Dinitro-2-methylphenol	10.41	198	969	5.177	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	31736	3.887	ng	# 1

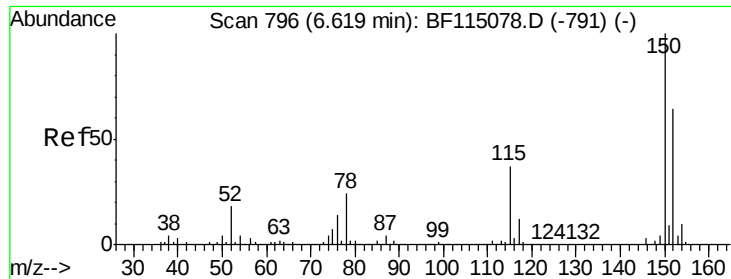
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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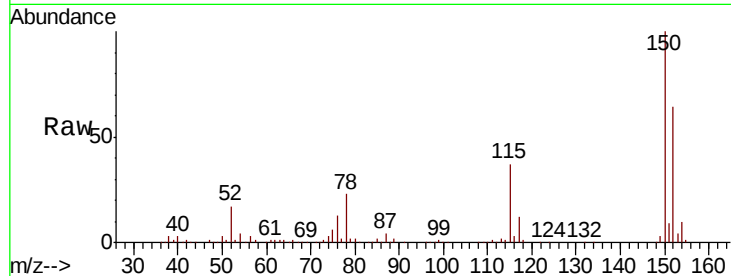


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	57.2	46.1	69.1

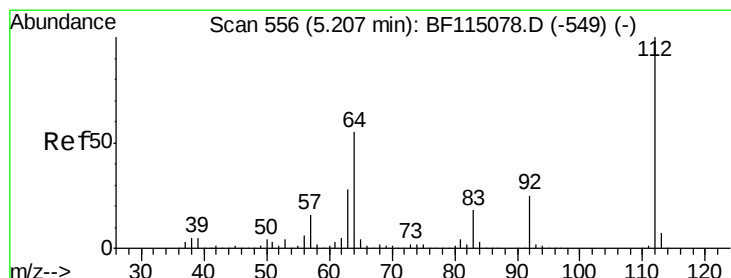
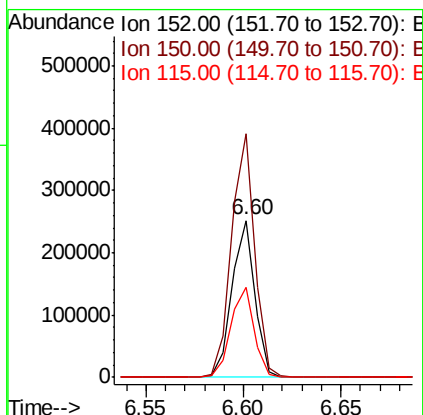
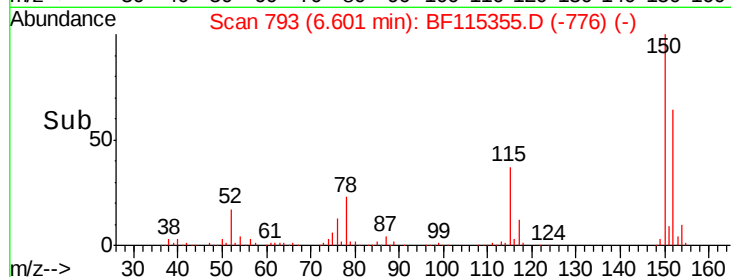


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

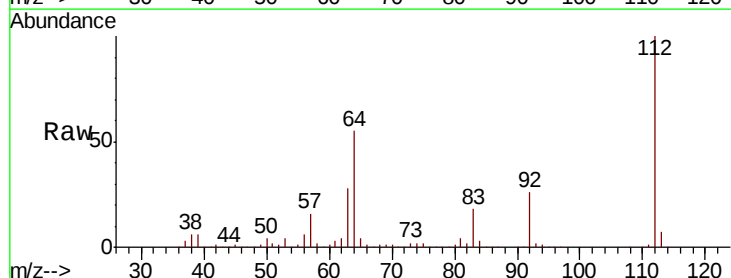
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.093 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.8	65.6
63	28.3	22.2	33.4

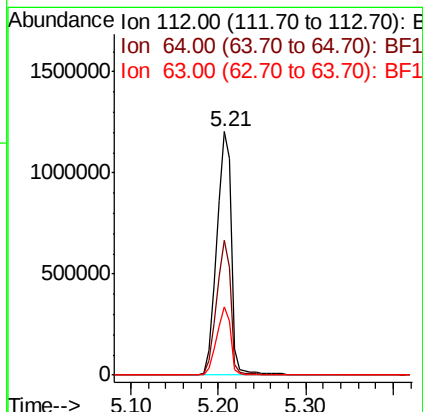
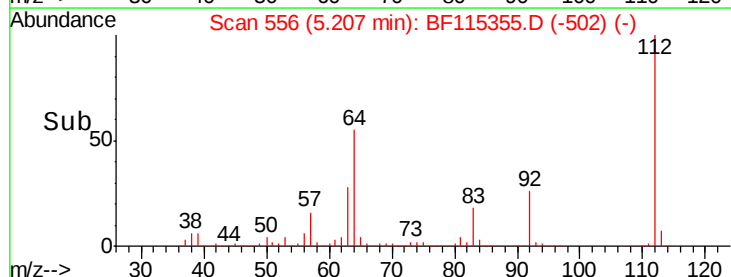


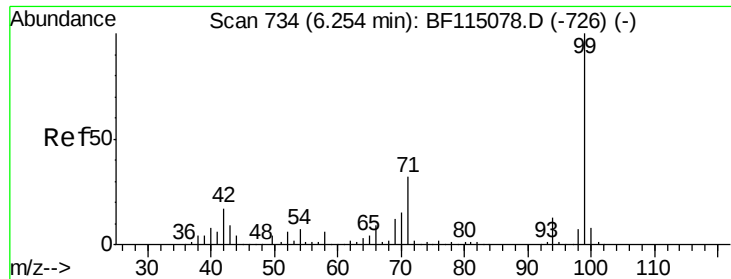
Abundance

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: 109.085 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Instrument :

BNA_F

ClientSampleId :

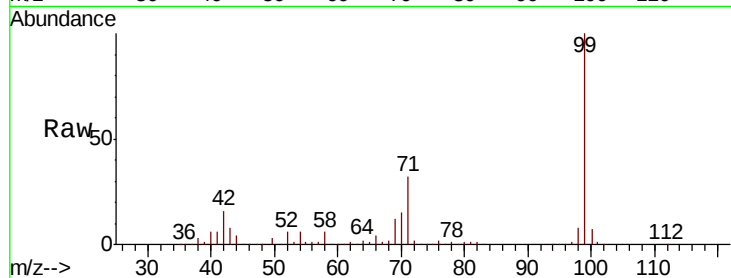
Tot Ion: 99 Resp: 1759955

Ion Ratio Lower Upper

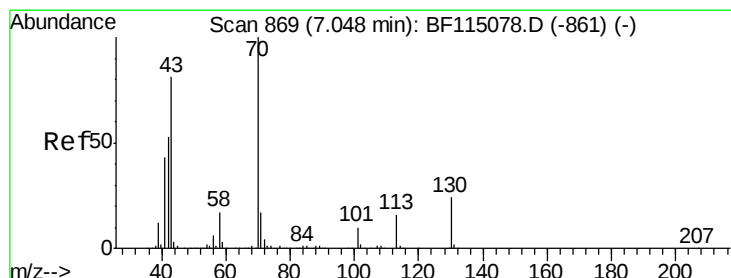
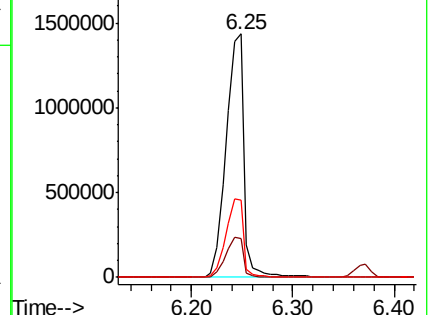
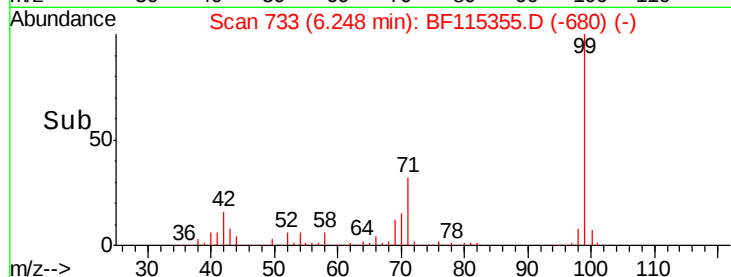
99 100

42 16.0 13.6 20.4

71 31.7 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: 14.089 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Tgt Ion: 70 Resp: 145527

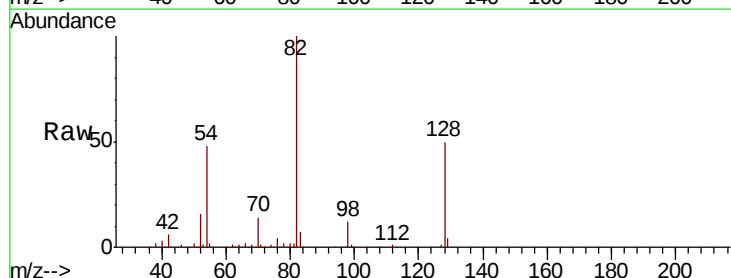
Ion Ratio Lower Upper

70 100

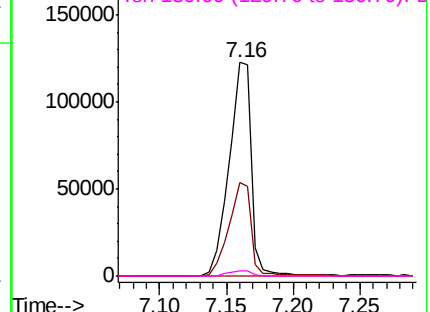
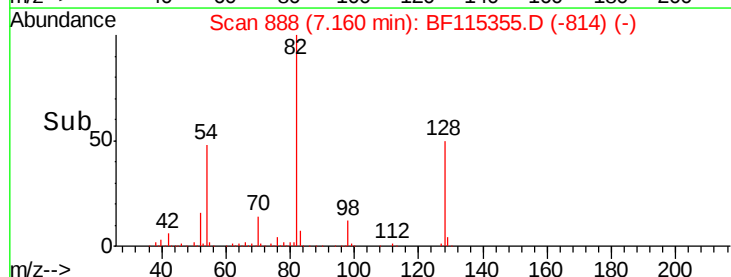
42 43.7 42.6 63.8

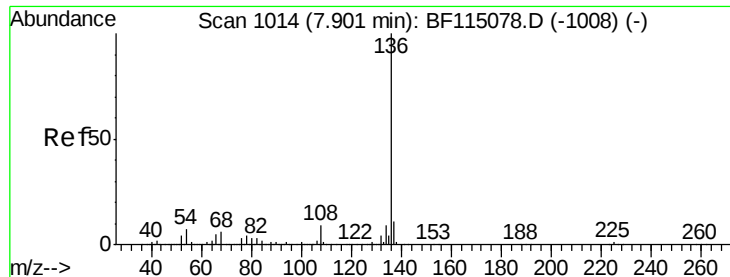
101 0.0 8.0 12.0#

130 2.2 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

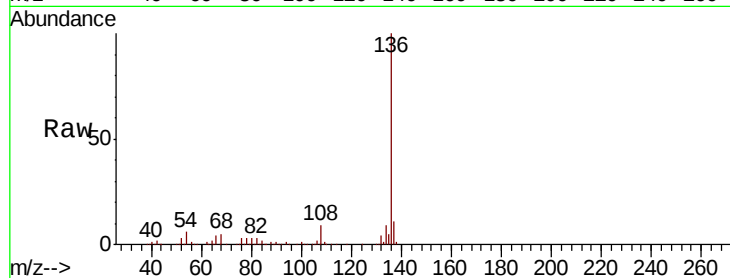




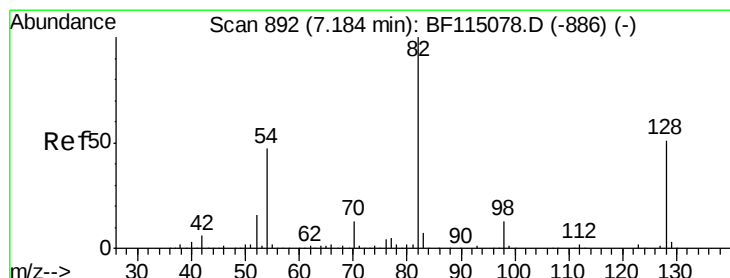
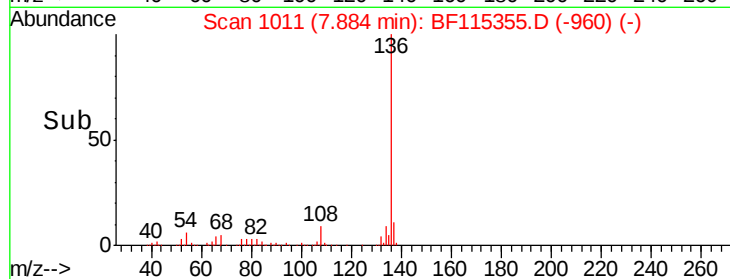
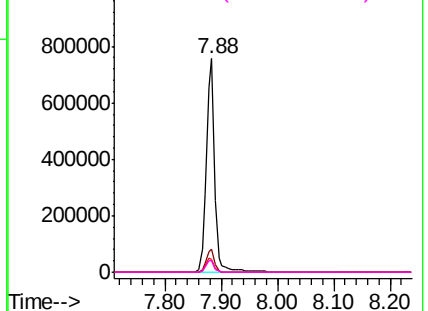
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 785076
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 6.3	5.6 8.4
68 5.5	4.8 7.2

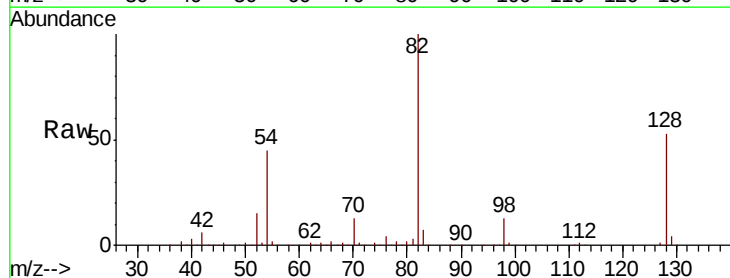


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

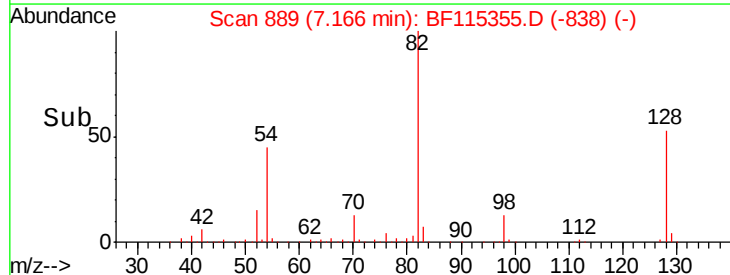
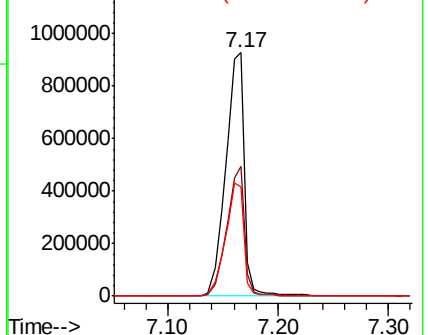


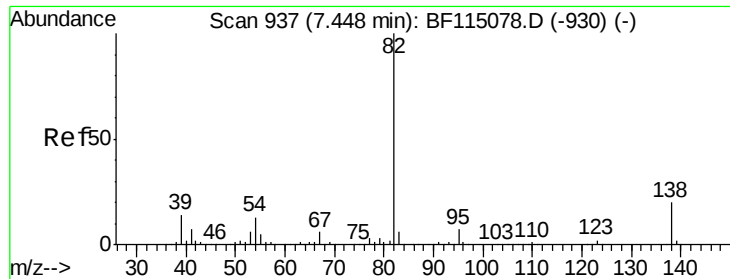
#23
Nitrobenzene-d5
Concen: 86.127 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion: 82	Resp: 1099182
Ion Ratio	Lower Upper
82 100	
128 53.1	40.4 60.6
54 44.9	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: 41.076 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Instrument :

BNA_F

ClientSampled :

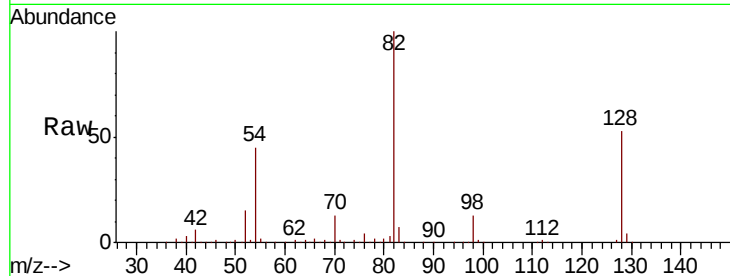
Tot Ion: 82 Resp: 1073888

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

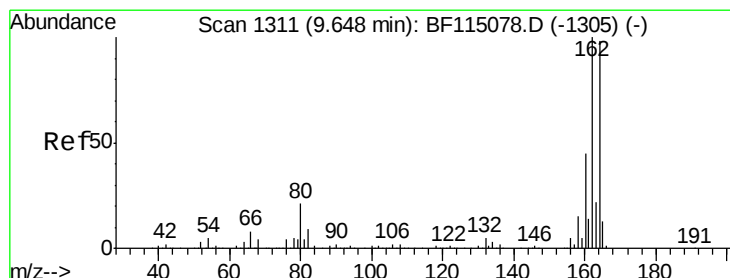
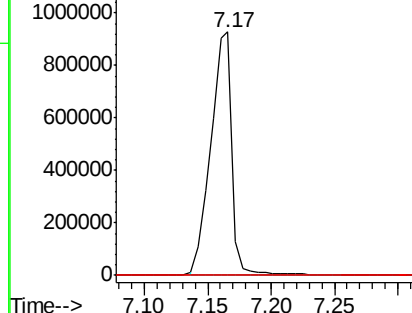
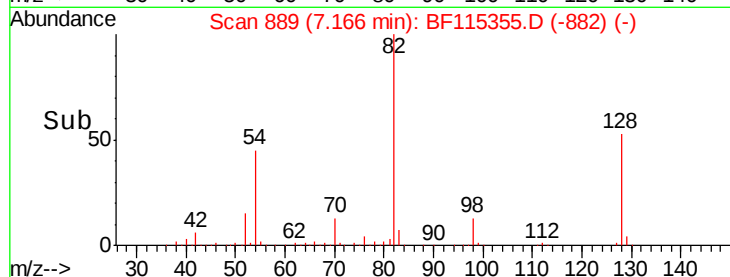
138 0.0 15.9 23.9#



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: BF115355.D

Acq: 2 Jul 2019 11:16

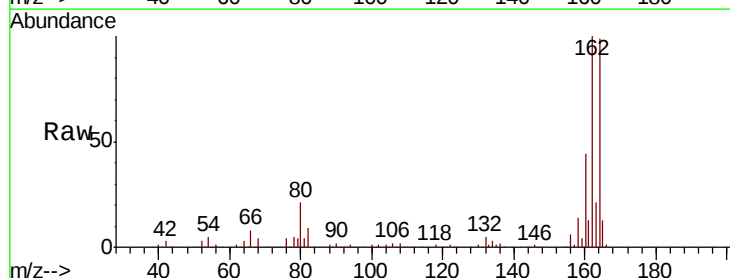
Tgt Ion:164 Resp: 383691

Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

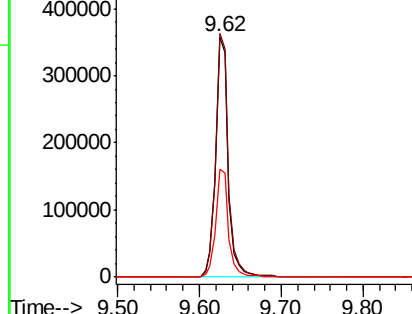
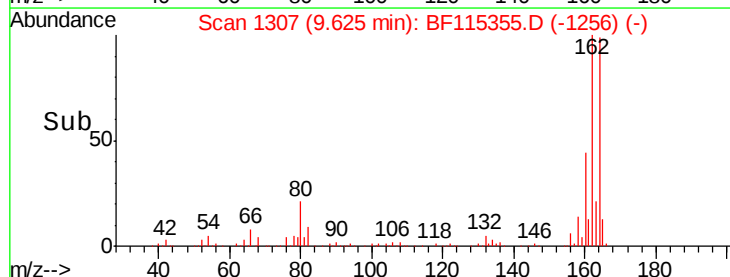
160 44.9 37.0 55.4

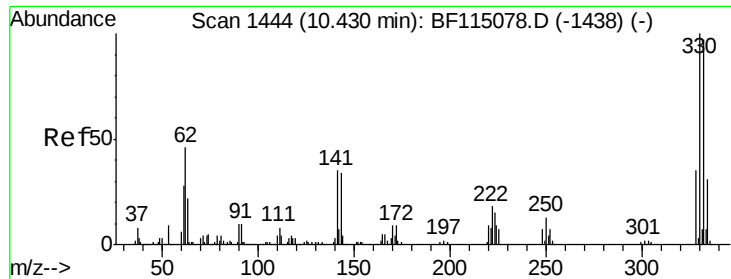


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 127.347 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Instrument :

BNA_F

ClientSampleId :

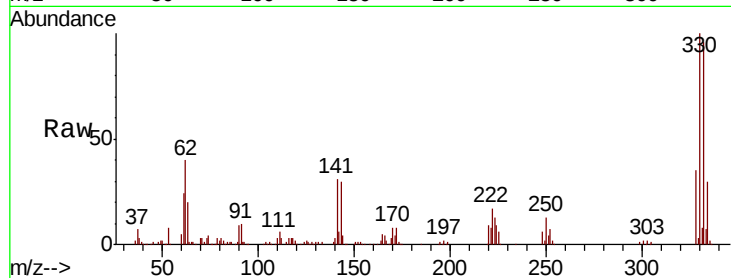
Tot Ion:330 Resp: 515266

Ion Ratio Lower Upper

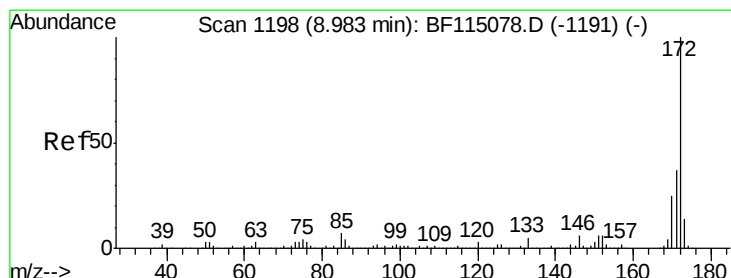
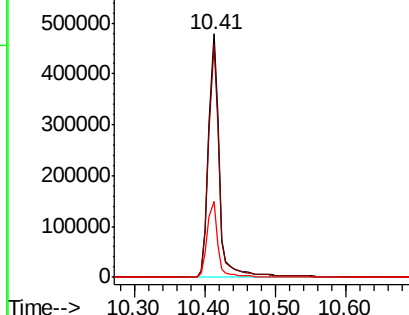
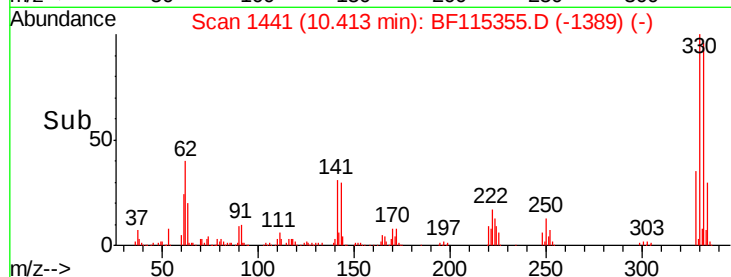
330 100

332 95.7 77.3 115.9

141 31.5 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: 93.656 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

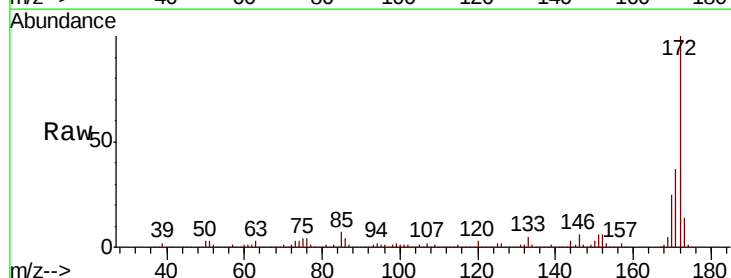
Tgt Ion:172 Resp: 2115539

Ion Ratio Lower Upper

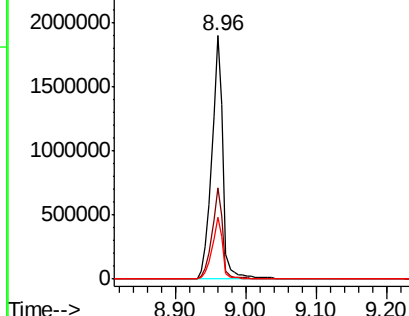
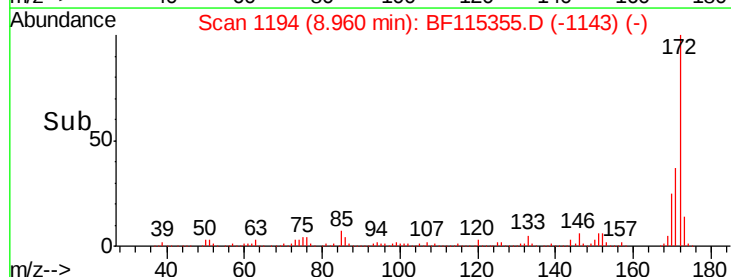
172 100

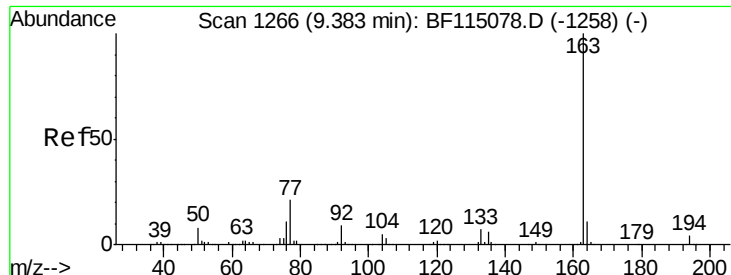
171 37.4 29.8 44.6

170 25.5 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

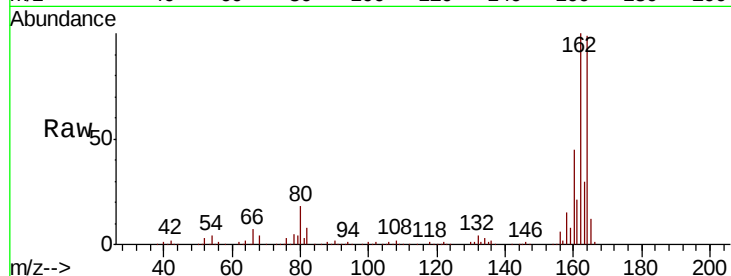




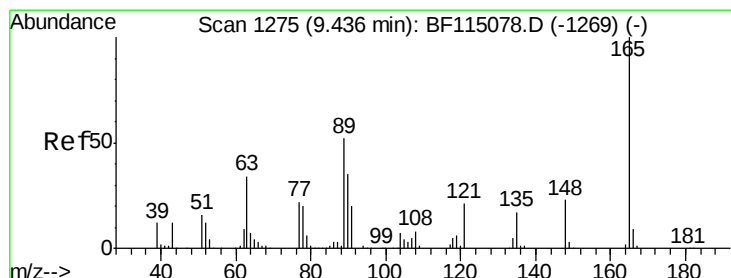
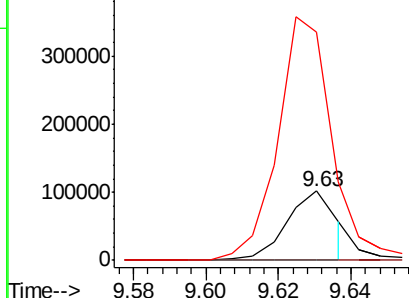
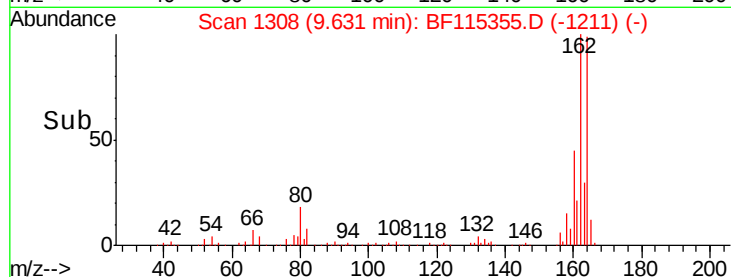
#50
Dimethylphthalate
Concen: 3.389 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.27 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 95655
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 328.2 8.6 13.0#

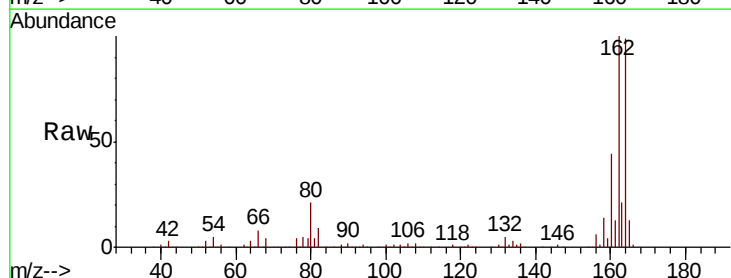


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

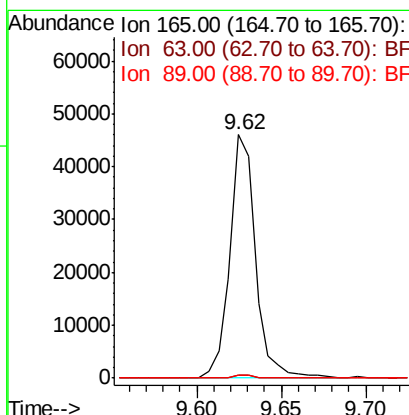
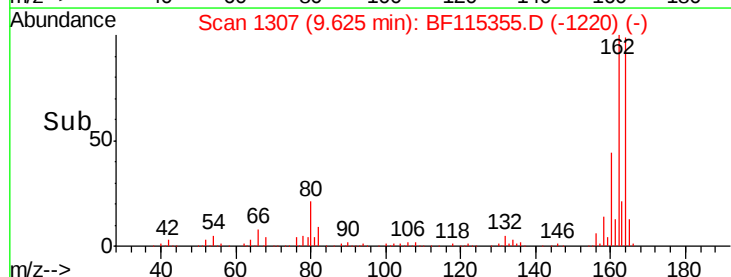


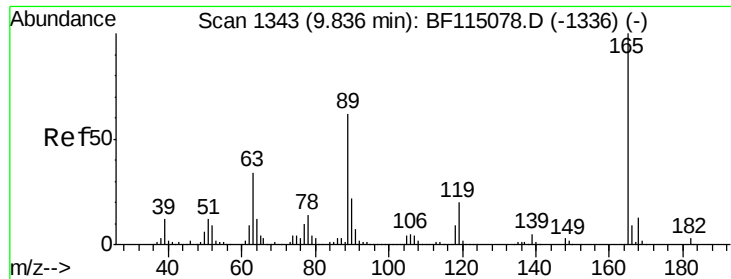
#51
2,6-Dinitrotoluene
Concen: 7.429 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:165 Resp: 48416
Ion Ratio Lower Upper
165 100
63 1.1 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

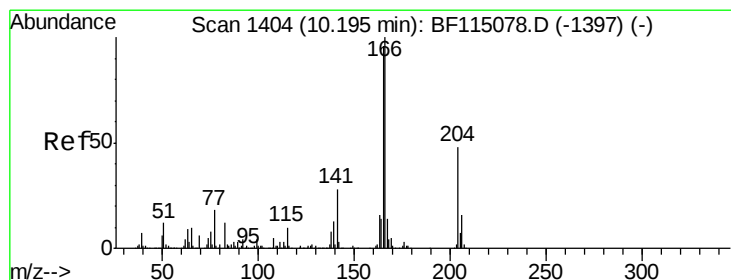
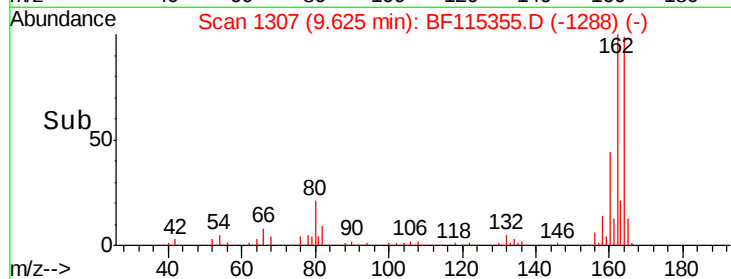
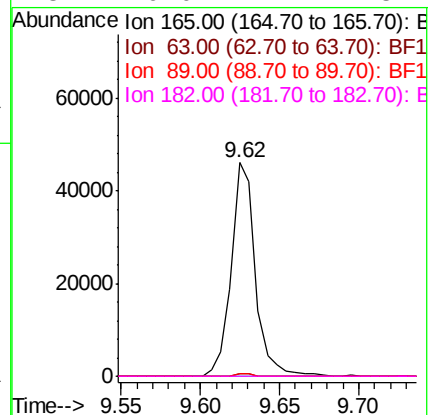
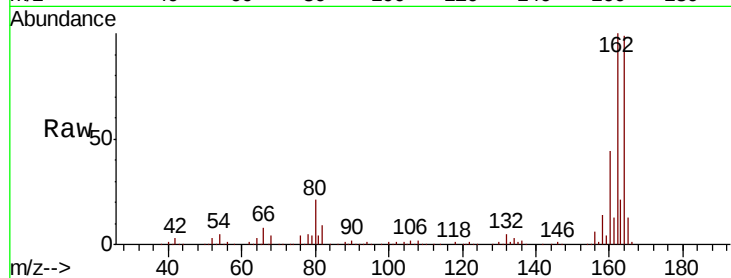




#57
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

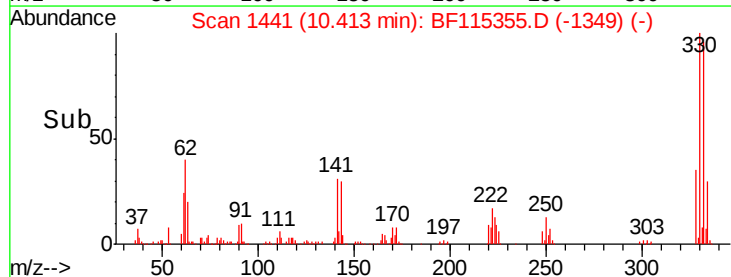
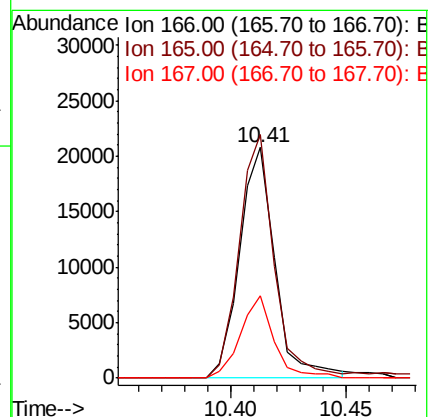
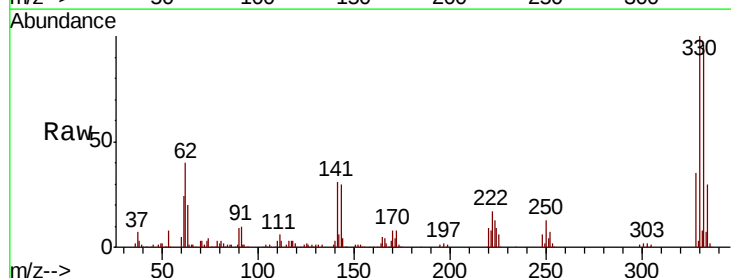
Instrument :
BNA_F
ClientSampleId :

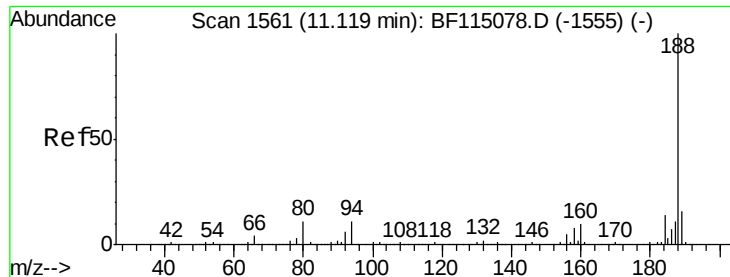
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1441
Delta R.T. 0.24 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.7	76.5	114.7
167	35.6	11.0	16.4#

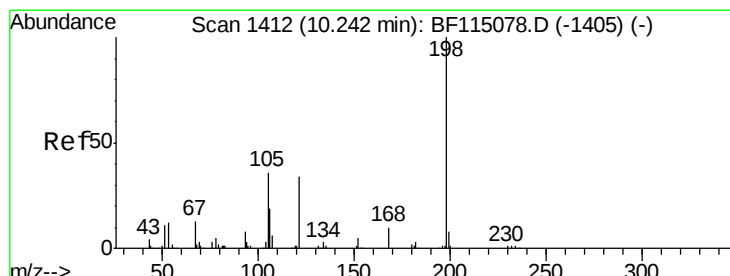
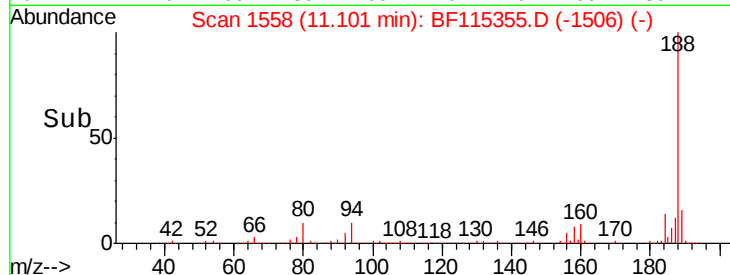
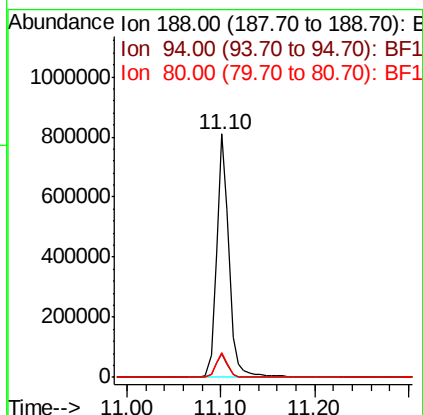
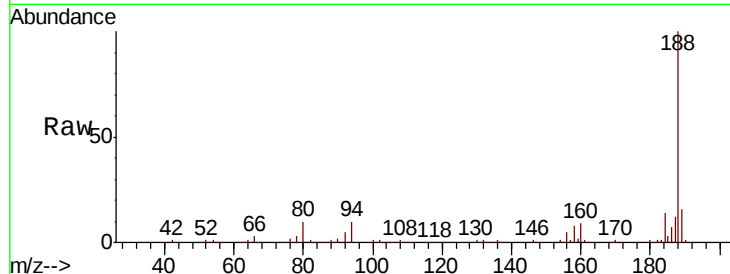




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF115355.D
 Acq: 2 Jul 2019 11:16

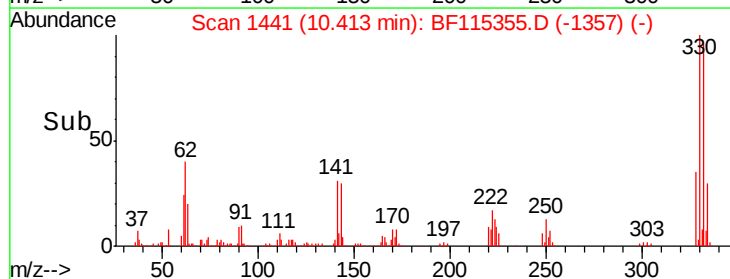
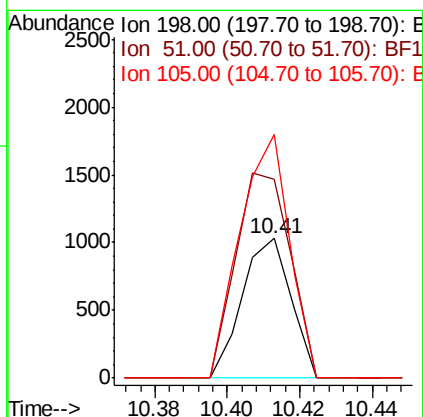
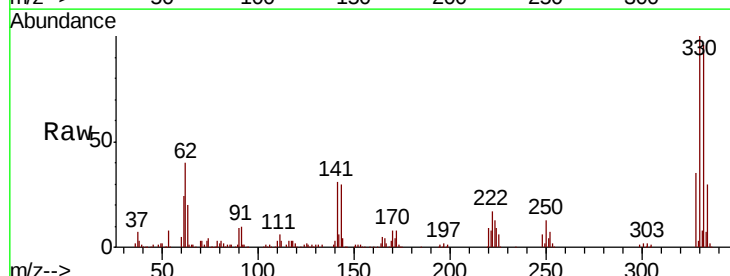
Instrument :
 BNA_F
 ClientSampleId :

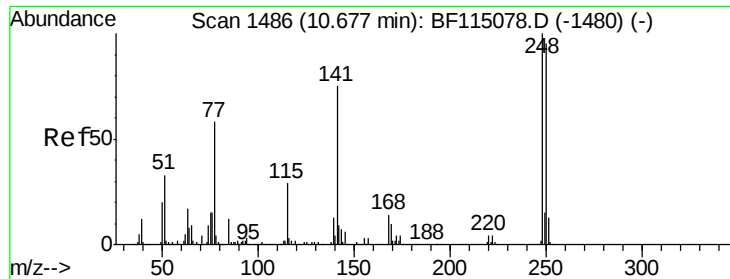
Tot Ion:188 Resp: 753025
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.6 12.8
 80 10.2 8.8 13.2



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.177 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.19 min
 Lab File: BF115355.D
 Acq: 2 Jul 2019 11:16

Tgt Ion:198 Resp: 969
 Ion Ratio Lower Upper
 198 100
 51 142.6 11.0 51.0#
 105 174.3 17.3 57.3#

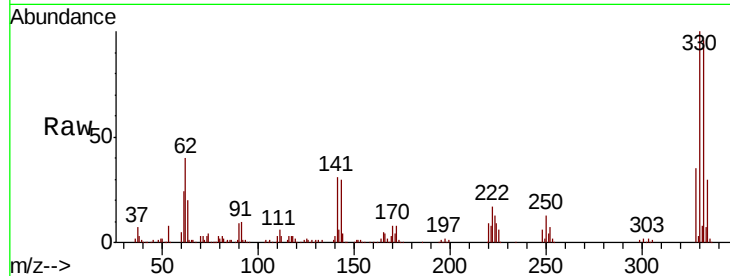




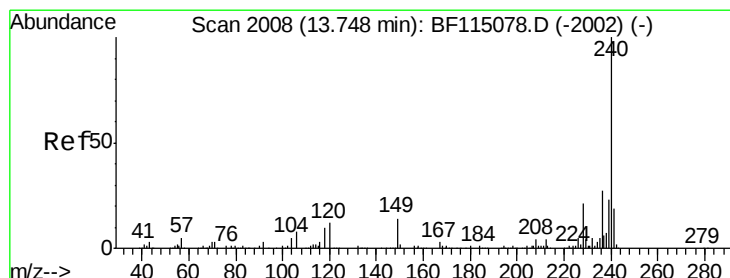
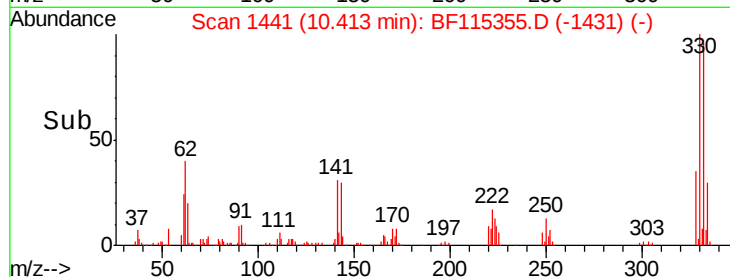
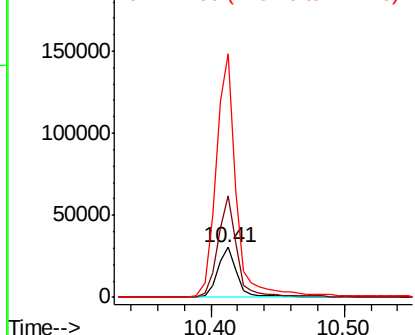
#67
4-Bromophenyl-phenylether
Concen: 3.887 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31736
Ion Ratio Lower Upper
248 100
250 202.7 76.2 114.2#
141 486.2 59.6 89.4#

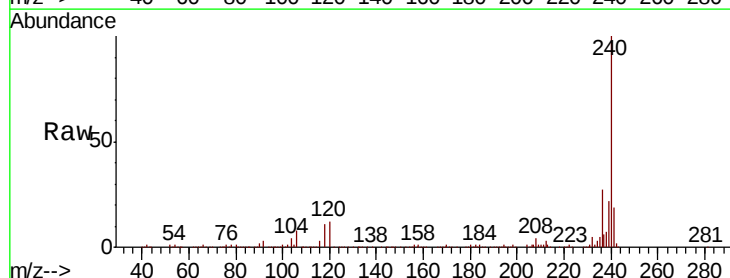


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

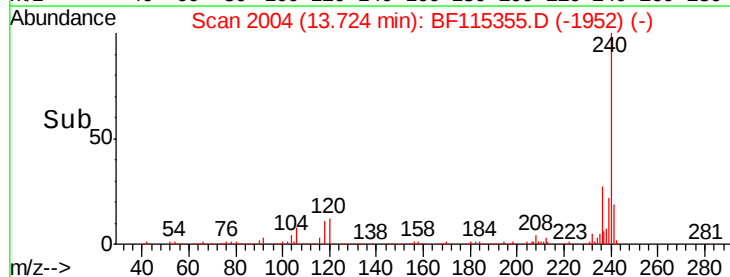
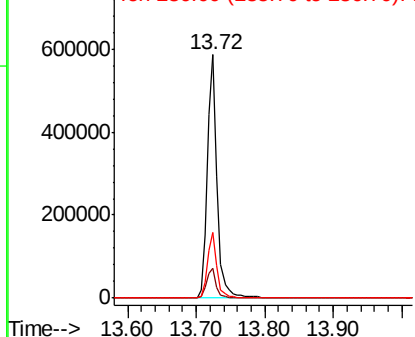


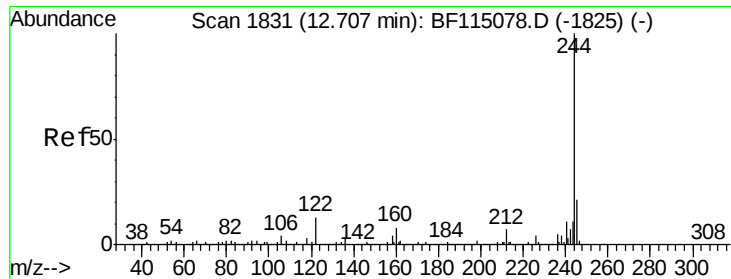
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:240 Resp: 595305
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 27.1 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: 82.205 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

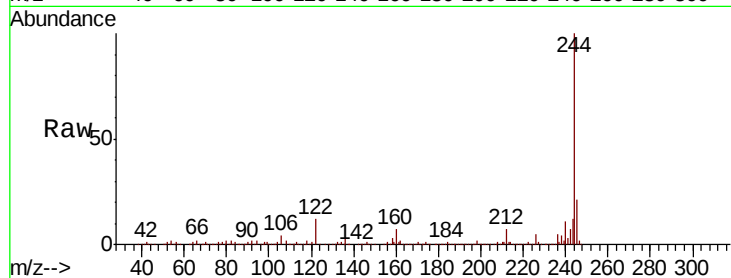
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 2301680

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.6	10.4	15.6

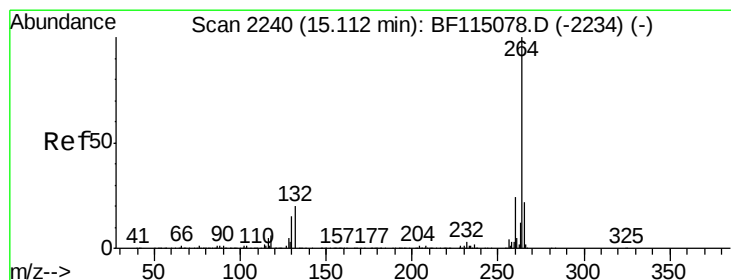
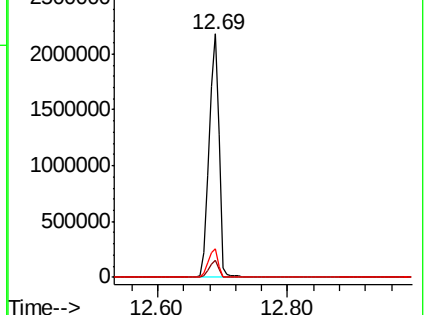
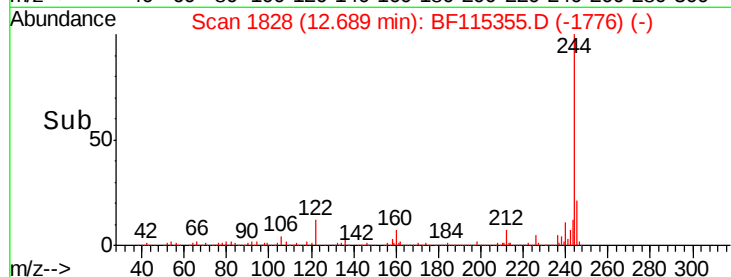


Abundance

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: 15.11 min Scan# 2239

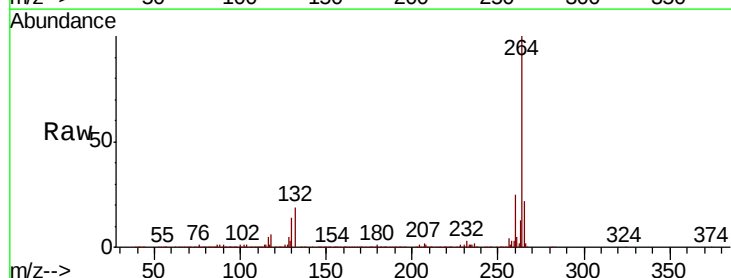
Delta R.T. 0.02 min

Lab File: BF115355.D

Acq: 2 Jul 2019 11:16

Tgt Ion:264 Resp: 625714

Ion	Ratio	Lower	Upper
264	100		
260	25.0	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

