

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115154.D
 Acq On : 24 Jun 2019 18:34
 Operator : HP/JU
 Sample : K3152-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-003

Quant Time: Jun 25 07:41:01 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

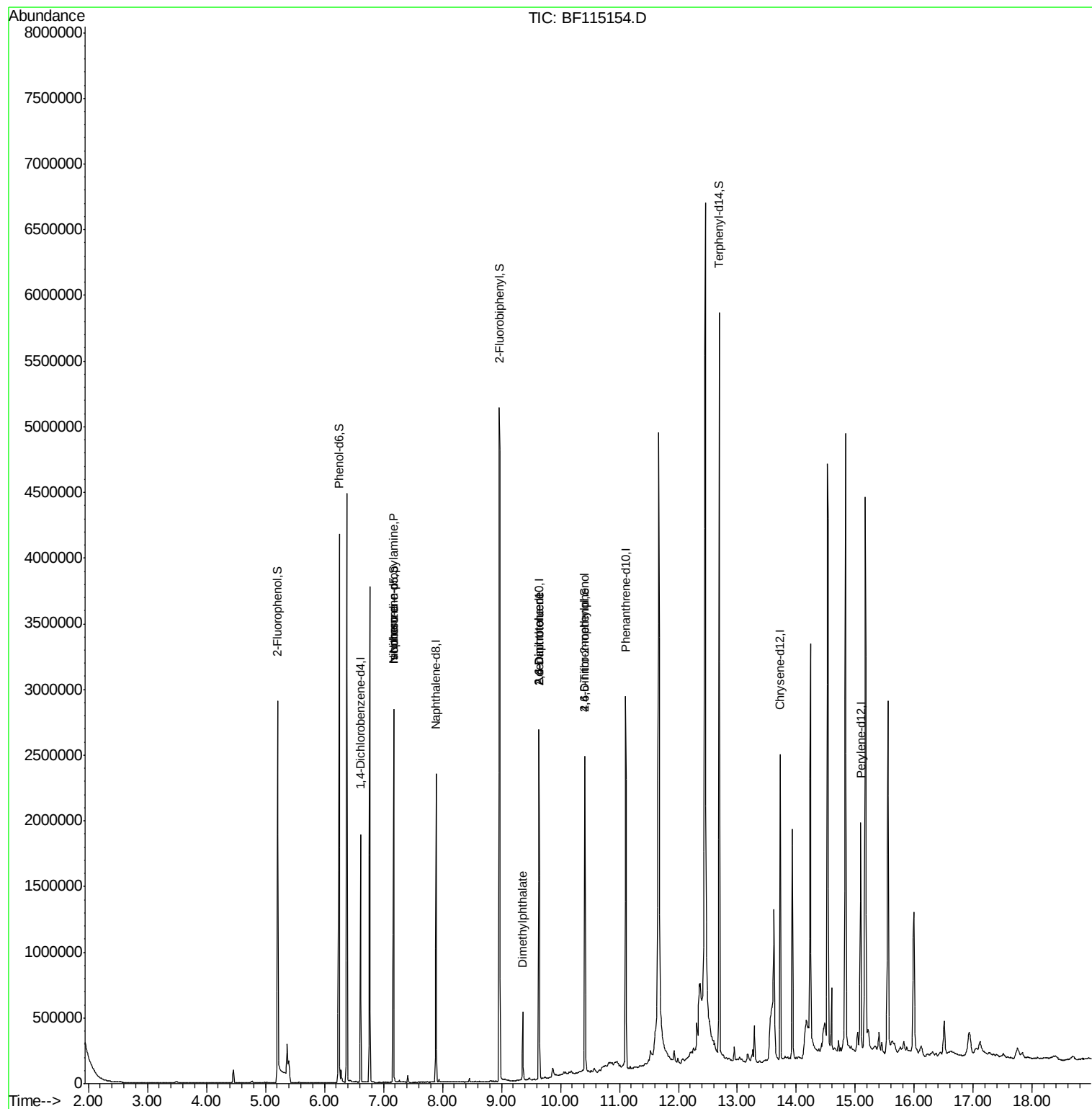
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	261767	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1000292	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	505346	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1002389	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	798886	20.00	ng	-0.02
87) Perylene-d12	15.09	264	729164	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1055718	62.24	ng	0.00
7) Phenol-d6	6.25	99	1495283	72.63	ng	0.00
23) Nitrobenzene-d5	7.17	82	891899	54.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	312832	58.70	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1692943	56.90	ng	-0.02
79) Terphenyl-d14	12.69	244	1962268	52.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	117471	8.912	ng	# 78
25) Isophorone	7.17	82	884277	26.546	ng	# 63
50) Dimethylphthalate	9.36	163	205269	5.521	ng	# 99
51) 2,6-Dinitrotoluene	9.64	165	65018	7.575	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	65018	5.866	ng	# 30
58) Fluorene	10.41	166	14977	Below Cal		# 85
65) 4,6-Dinitro-2-methylphenol	10.41	198	499	5.044	ng	# 1

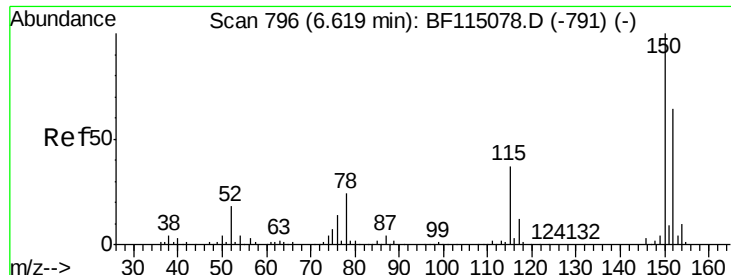
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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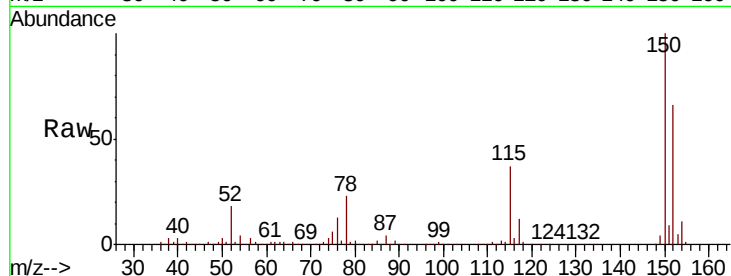


#1

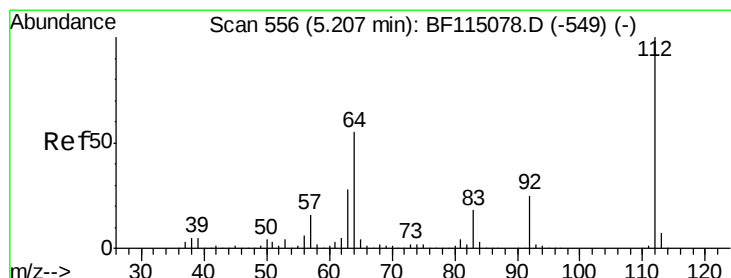
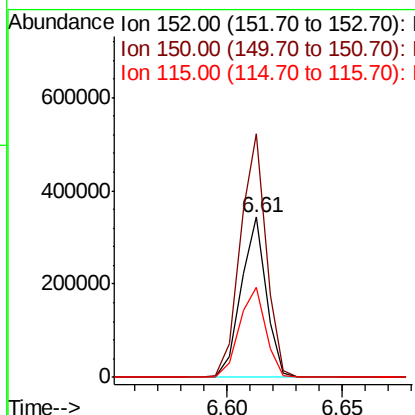
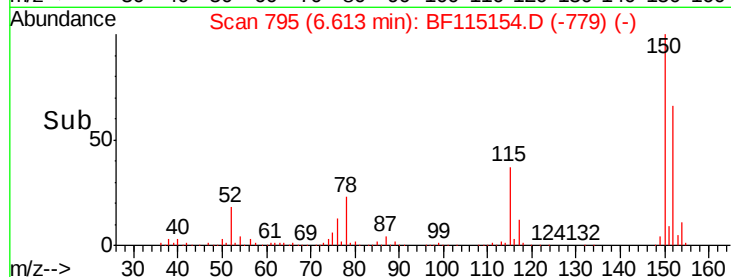
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115154.D
Acq: 24 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-003

Tot Ion:152 Resp: 261767
Ion Ratio Lower Upper
152 100
150 152.2 124.2 186.2
115 56.4 46.1 69.1



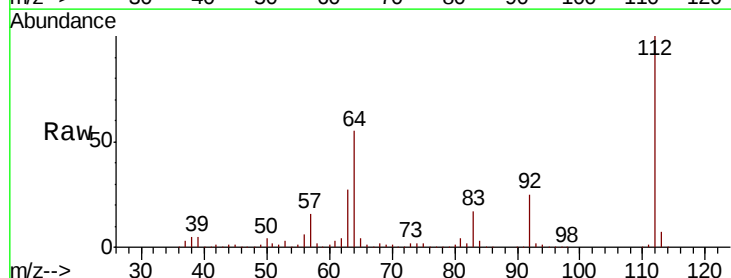
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



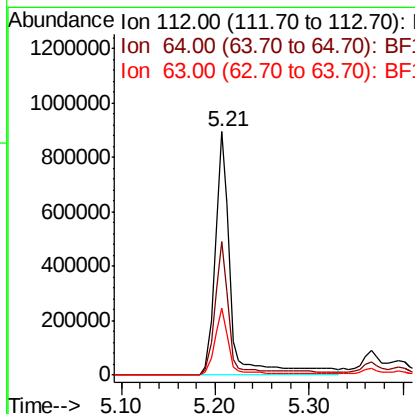
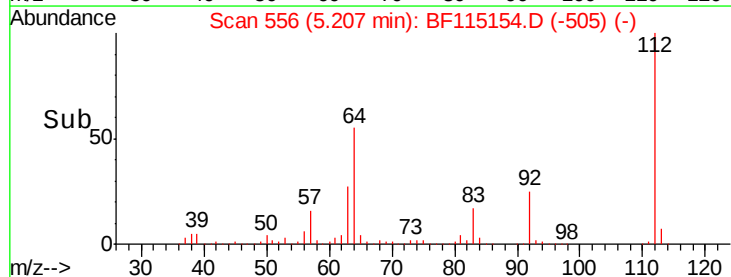
#5

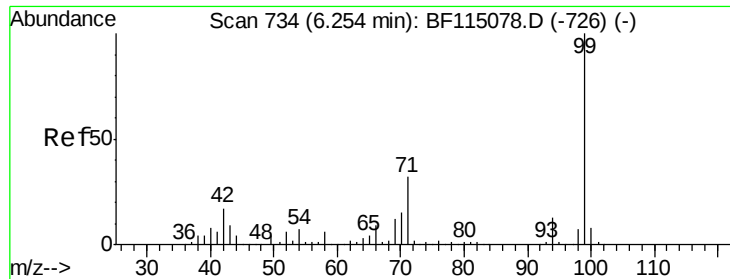
2-Fluorophenol
Concen: 62.237 ng
RT: 5.21 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF115154.D
Acq: 24 Jun 2019 18:34

Tgt Ion:112 Resp: 1055718
Ion Ratio Lower Upper
112 100
64 54.8 43.8 65.6
63 27.4 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: 72.626 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115154.D

Acq: 24 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-003

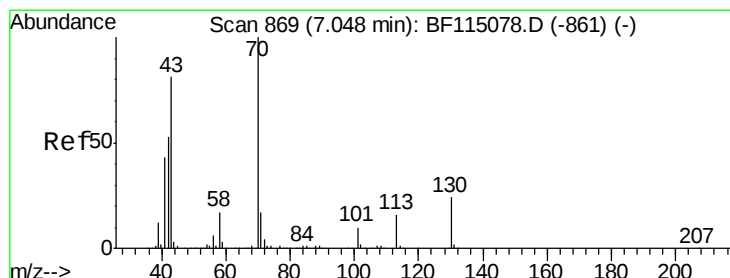
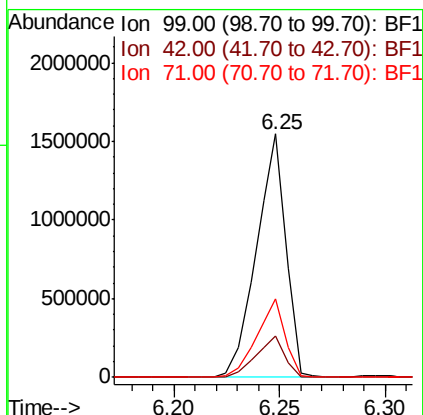
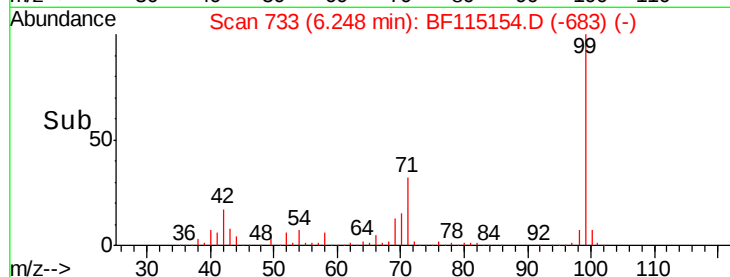
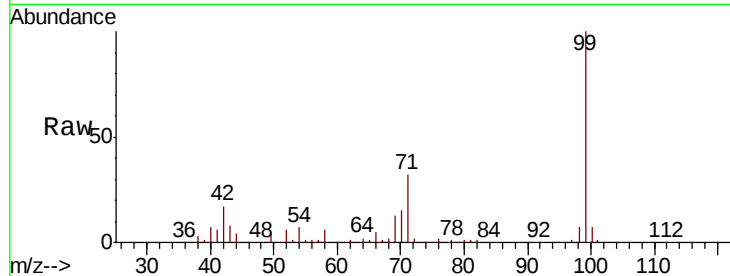
Tot Ion: 99 Resp: 1495283

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

71 32.4 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 8.912 ng

RT: 7.17 min Scan# 890

Delta R.T. 0.12 min

Lab File: BF115154.D

Acq: 24 Jun 2019 18:34

Tgt Ion: 70 Resp: 117471

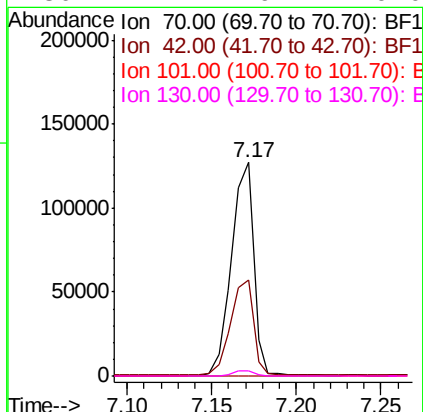
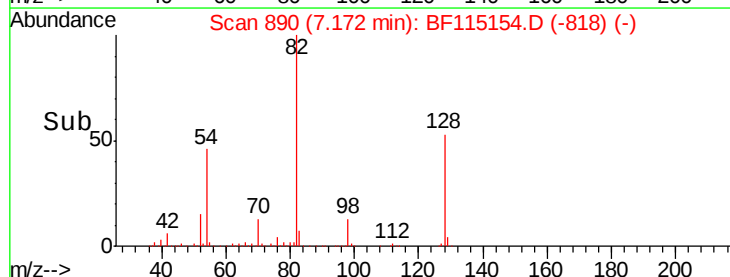
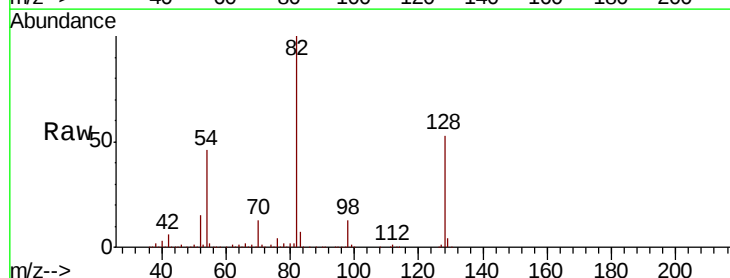
Ion Ratio Lower Upper

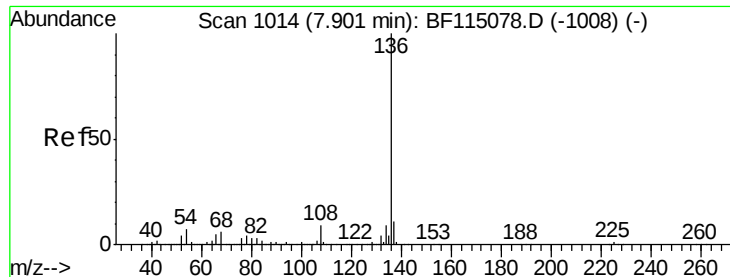
70 100

42 45.0 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

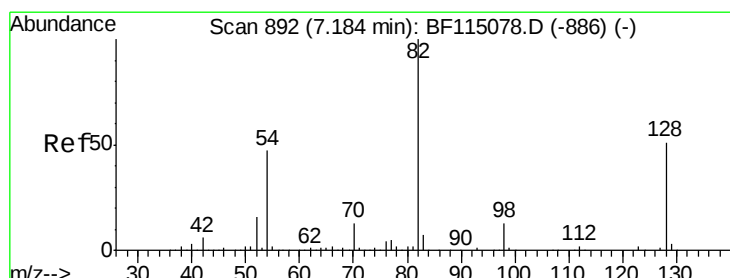
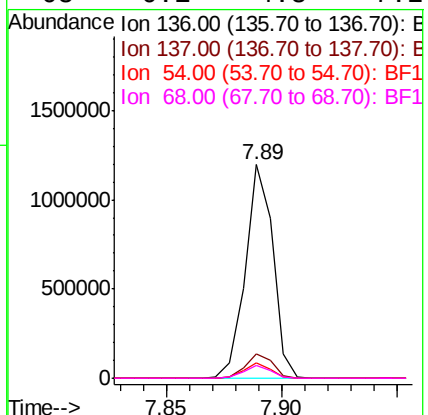
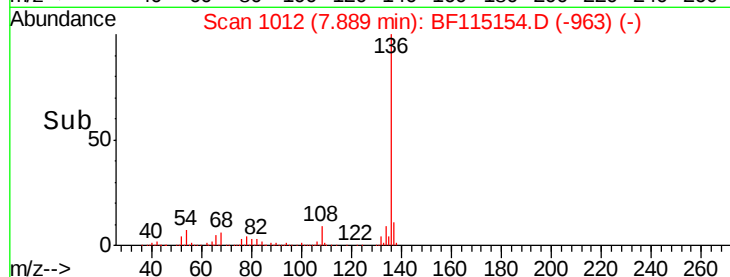
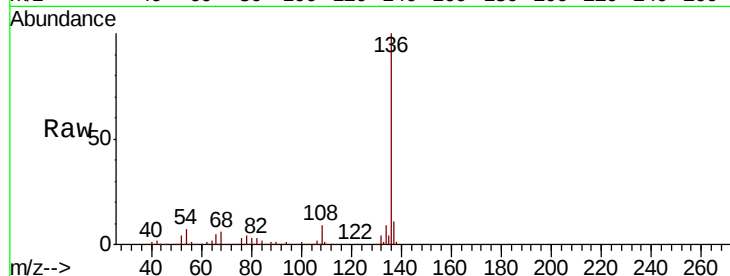




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115154.D
Acq: 24 Jun 2019 18:34

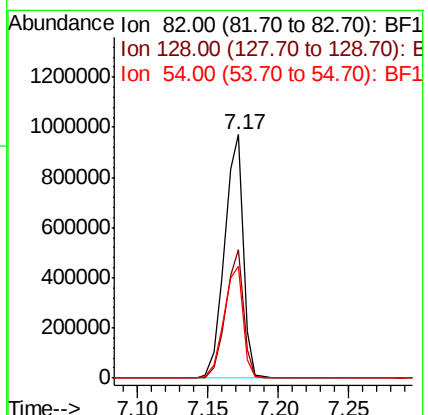
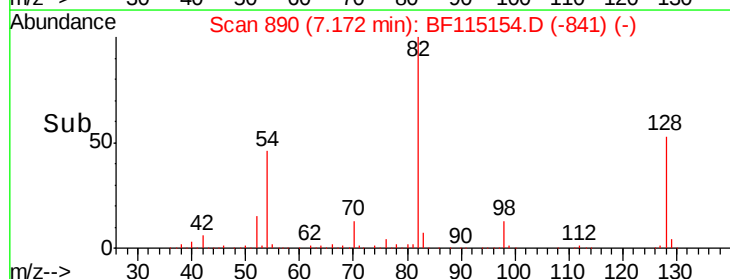
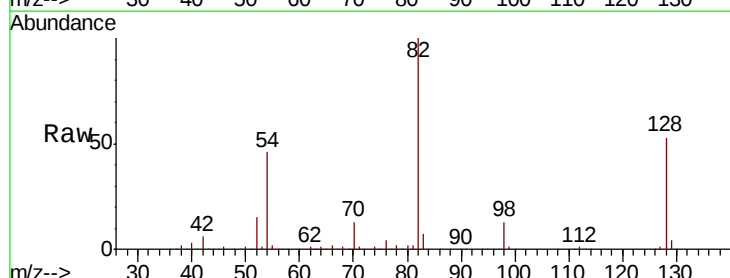
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-003

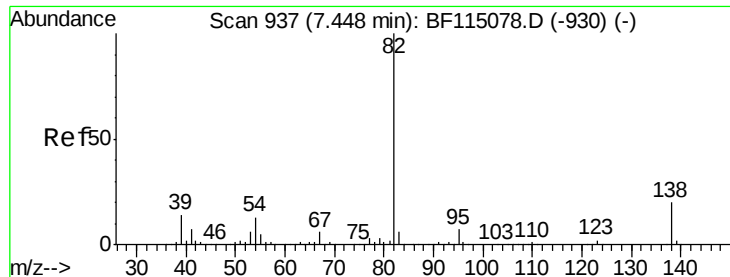
Tot Ion:136	Resp: 1000292
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 7.3	5.6 8.4
68 6.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 54.849 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115154.D
Acq: 24 Jun 2019 18:34

Tgt Ion: 82	Resp: 891899
Ion Ratio	Lower Upper
82 100	
128 52.7	40.4 60.6
54 46.2	37.5 56.3





#25

Isophorone

Concen: 26.546 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF115154.D

Acq: 24 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-003

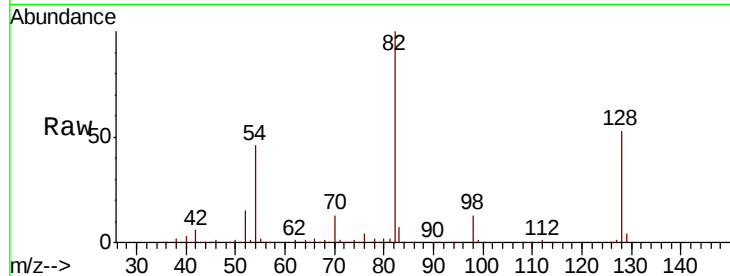
Tot Ion: 82 Resp: 884277

Ion Ratio Lower Upper

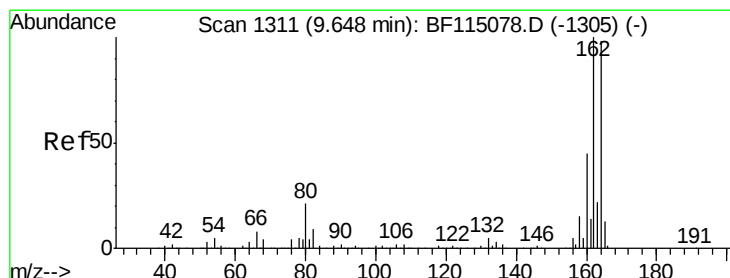
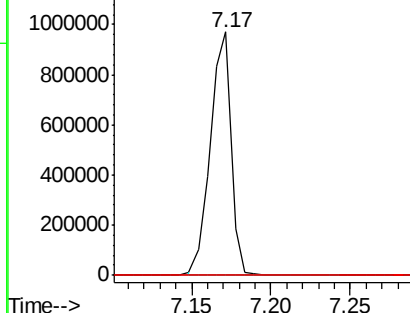
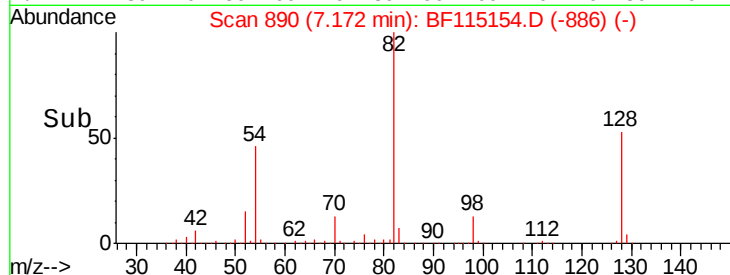
82 100

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: 9.64 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115154.D

Acq: 24 Jun 2019 18:34

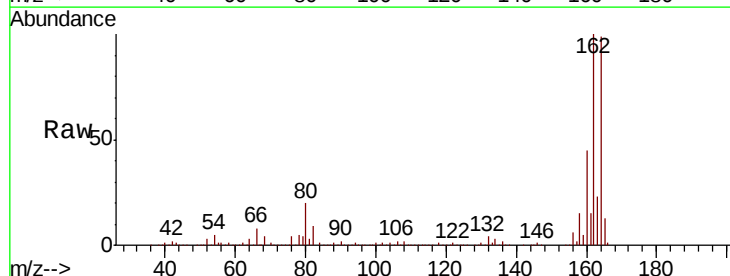
Tgt Ion: 164 Resp: 505346

Ion Ratio Lower Upper

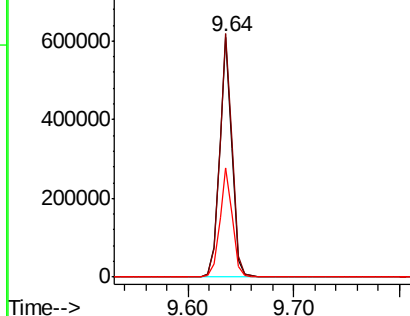
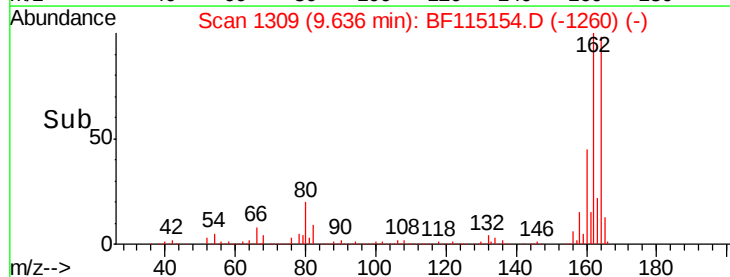
164 100

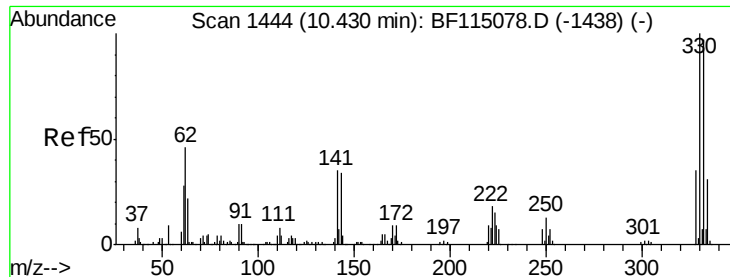
162 101.5 81.7 122.5

160 45.5 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

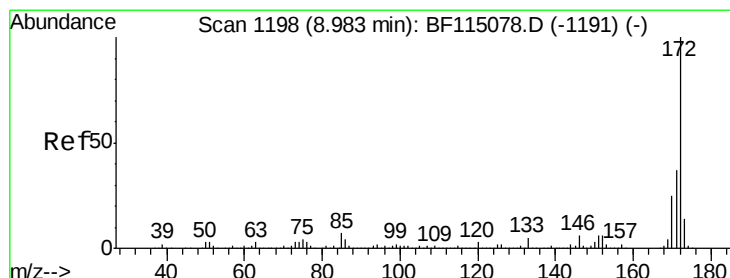
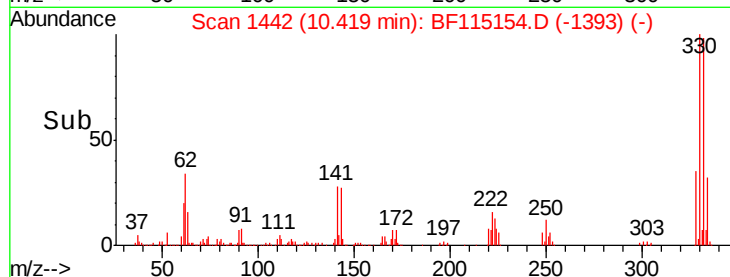
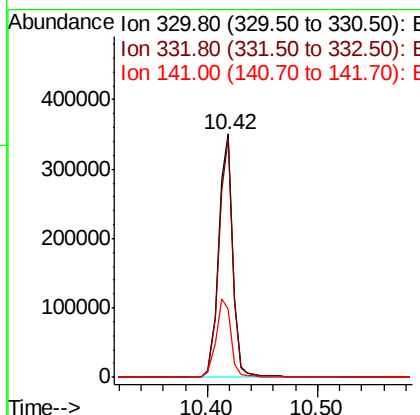
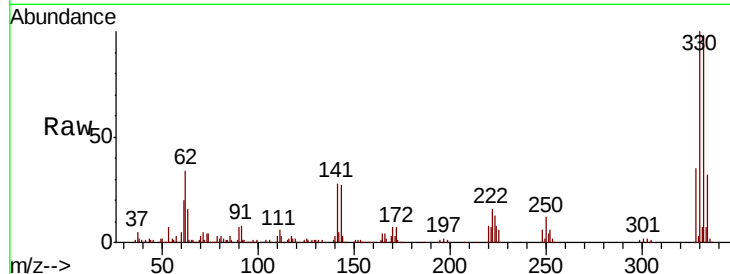




#42
 2,4,6-Tribromophenol
 Concen: 58.703 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115154.D
 Acq: 24 Jun 2019 18:34

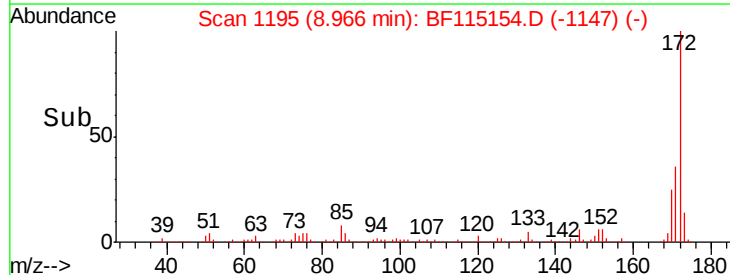
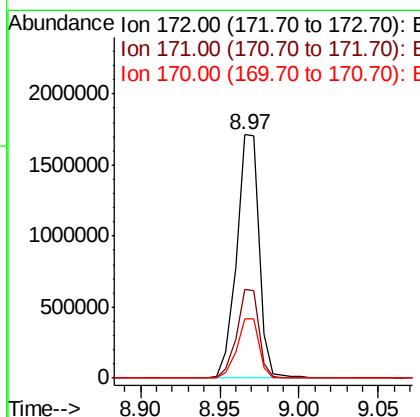
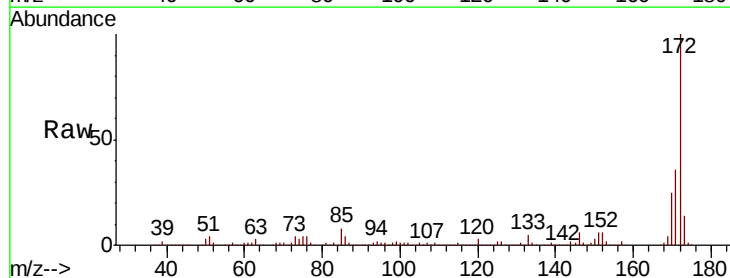
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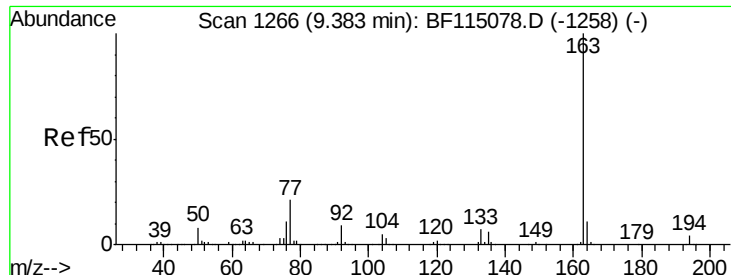
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.2	28.2	42.2



#45
 2-Fluorobiphenyl
 Concen: 56.905 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115154.D
 Acq: 24 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.6	20.3	30.5

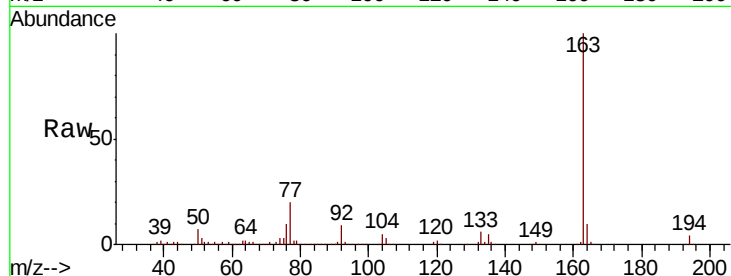




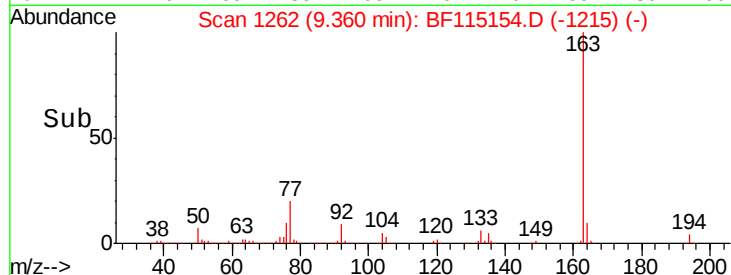
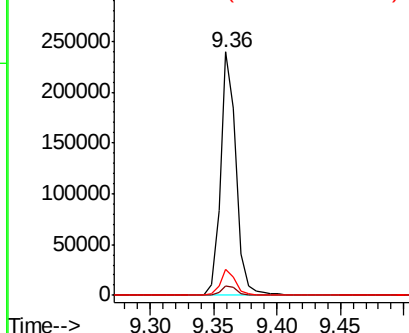
#50
Dimethylphthalate
Concen: 5.521 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115154.D
Acq: 24 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-003

Tot Ion:163 Resp: 205269
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 8.6 13.0

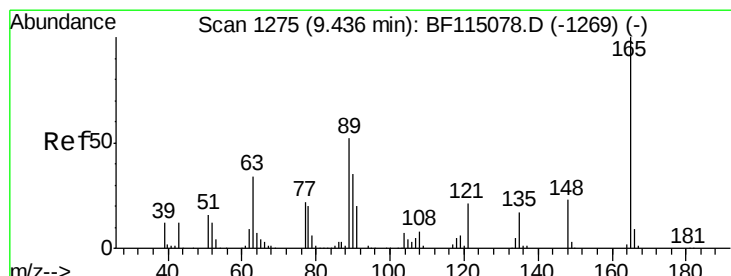


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

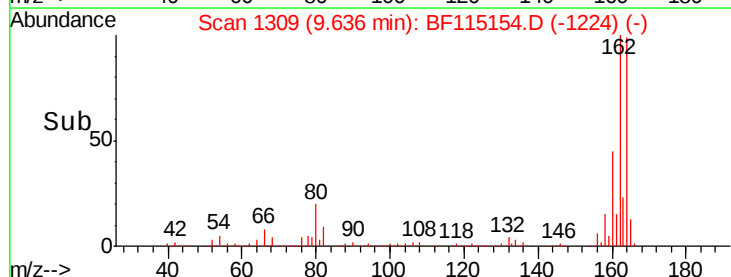
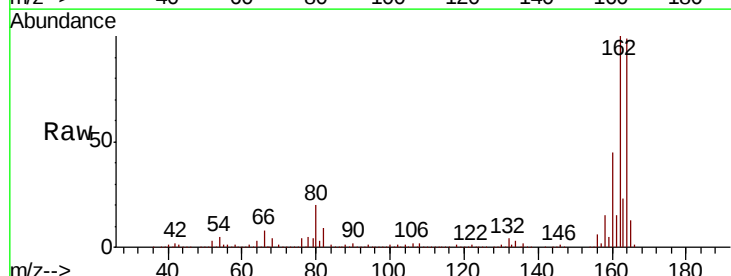
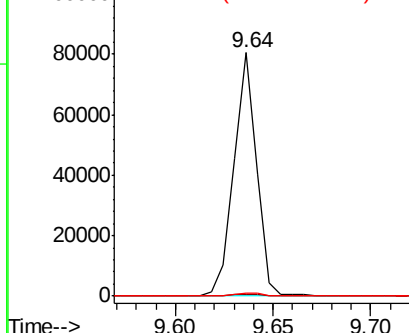


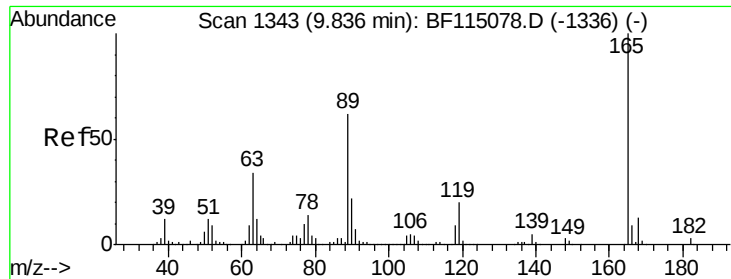
#51
2,6-Dinitrotoluene
Concen: 7.575 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115154.D
Acq: 24 Jun 2019 18:34

Tgt Ion:165 Resp: 65018
Ion Ratio Lower Upper
165 100
63 0.9 39.4 59.2#
89 1.3 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

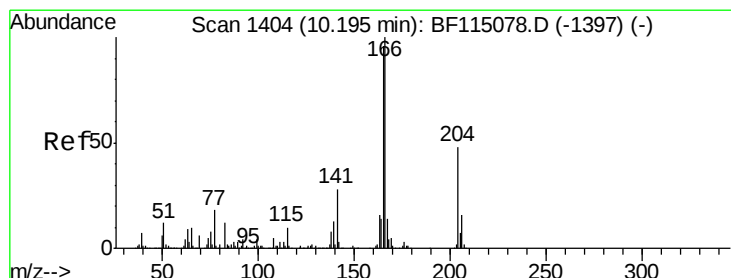
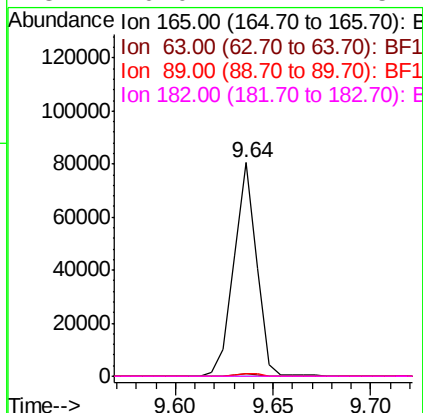
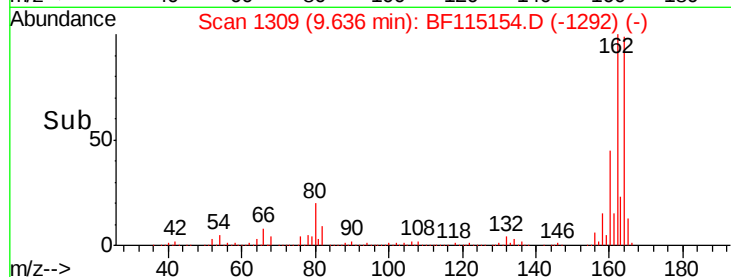
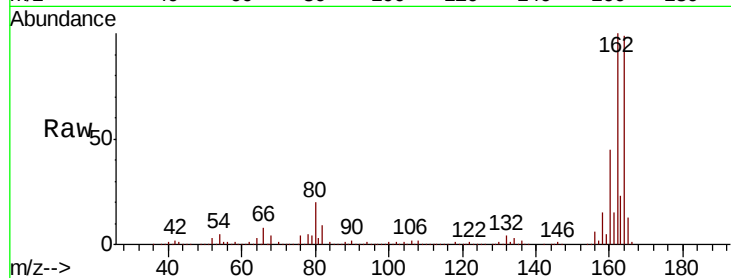




#57
 2,4-Dinitrotoluene
 Concen: 5.866 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF115154.D
 Acq: 24 Jun 2019 18:34

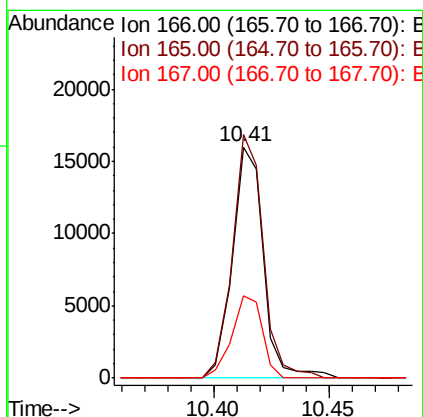
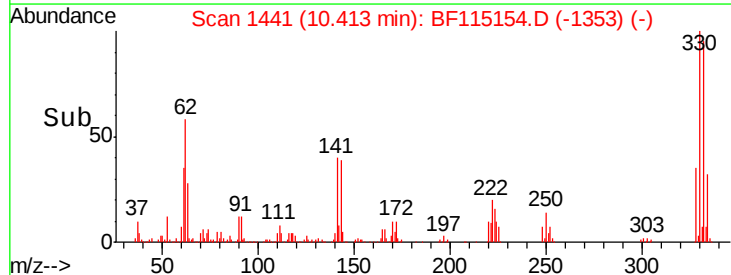
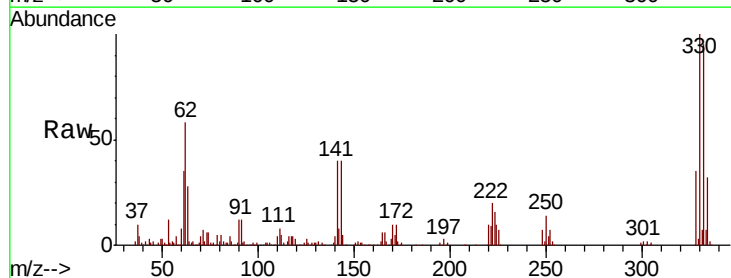
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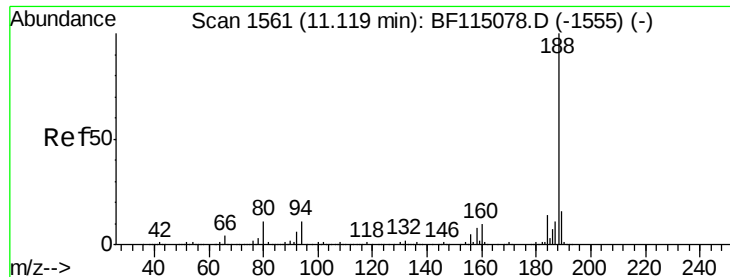
Tot Ion:	165	Resp:	65018
Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.41 min Scan# 1441
 Delta R.T. 0.22 min
 Lab File: BF115154.D
 Acq: 24 Jun 2019 18:34

Tgt Ion:	166	Resp:	14977
Ion	Ratio	Lower	Upper
166	100		
165	105.2	76.5	114.7
167	35.4	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115154.D

Acq: 24 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-003

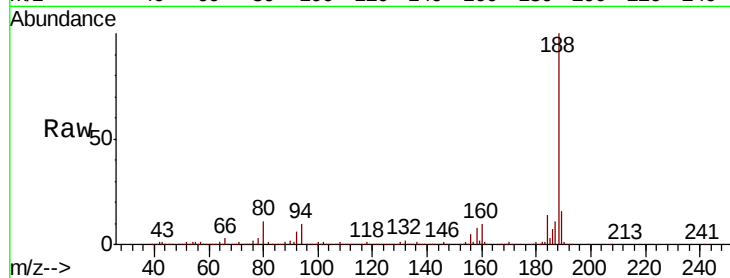
Tot Ion:188 Resp: 1002389

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

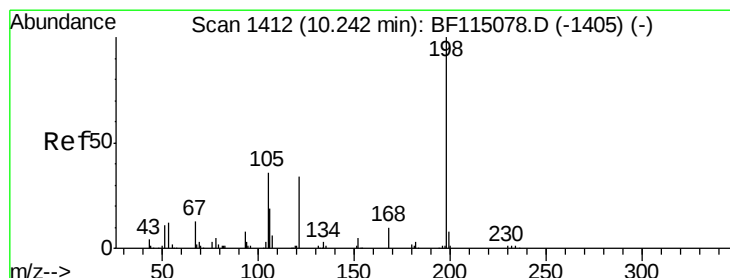
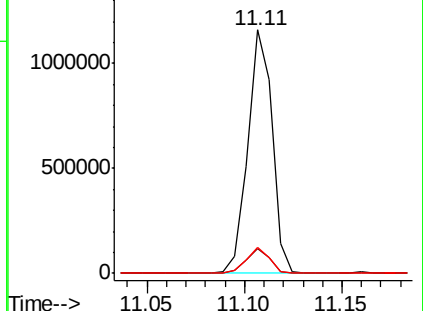
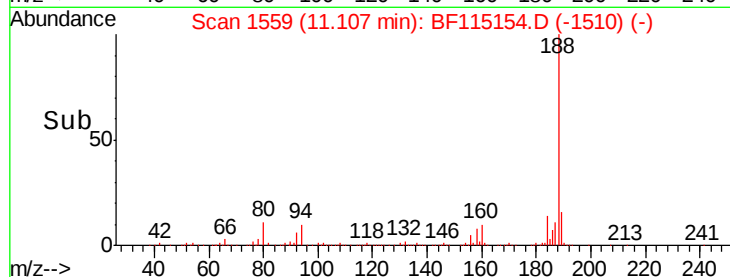
80 10.7 8.8 13.2



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: 5.044 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.17 min

Lab File: BF115154.D

Acq: 24 Jun 2019 18:34

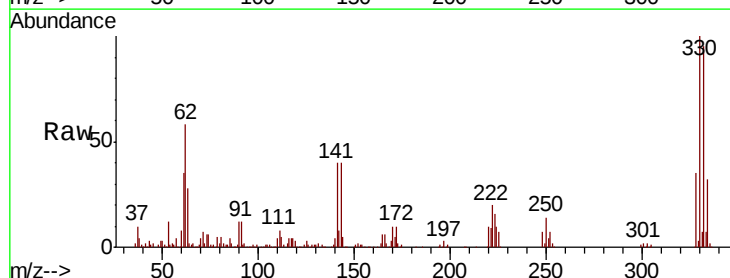
Tgt Ion:198 Resp: 499

Ion Ratio Lower Upper

198 100

51 207.9 11.0 51.0#

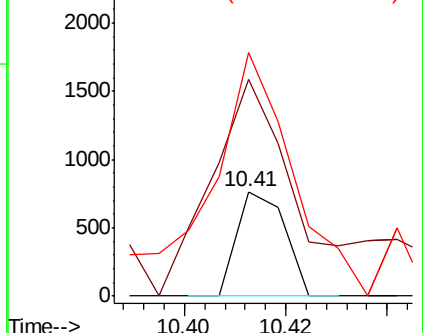
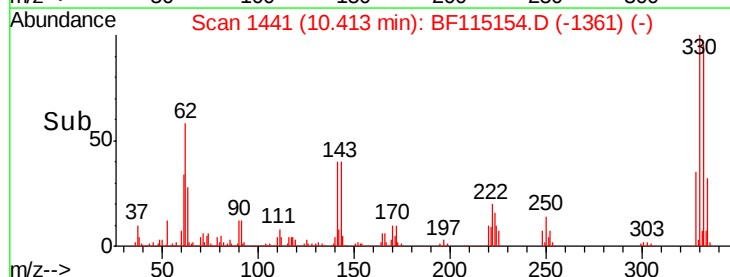
105 233.2 17.3 57.3#

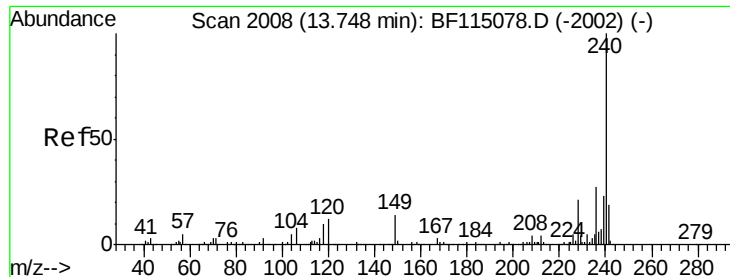


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

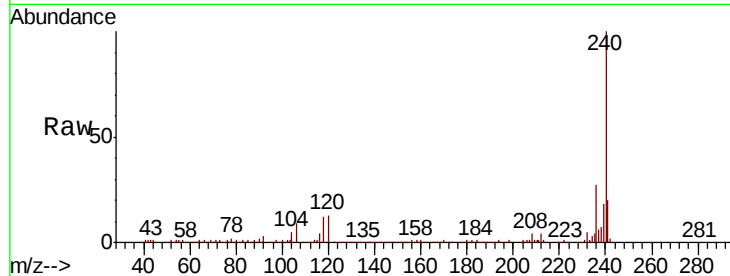




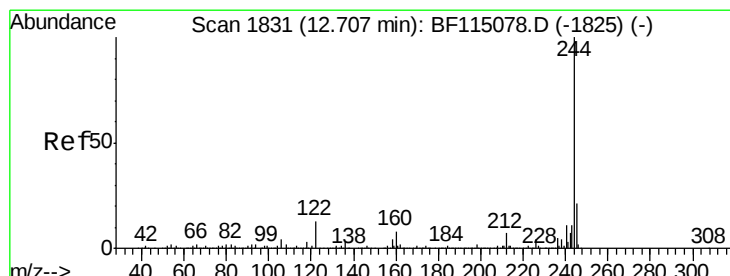
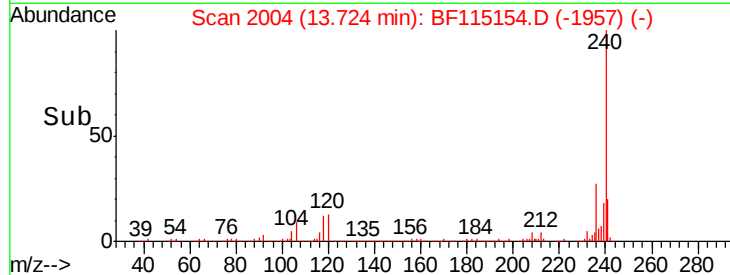
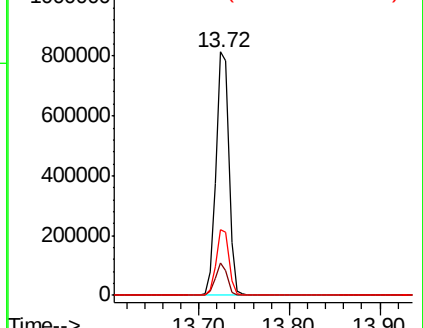
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF115154.D
 Acq: 24 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-003

Tot Ion:240 Resp: 798886
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.4 14.2
 236 27.0 21.7 32.5

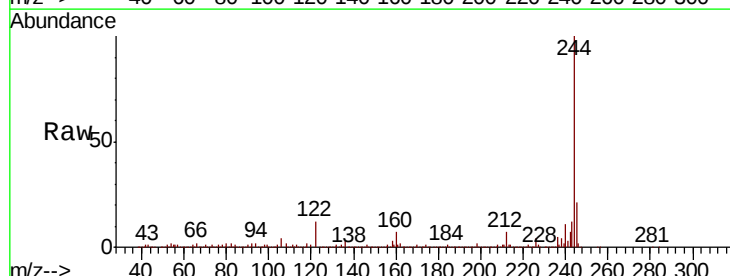


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

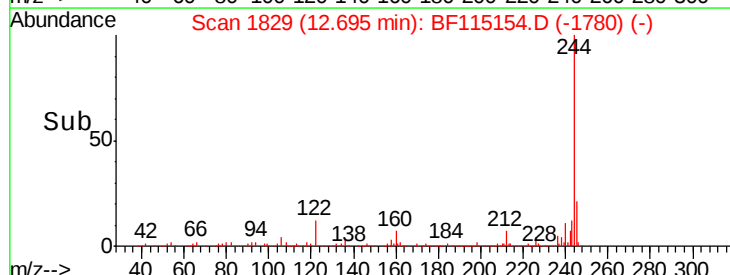
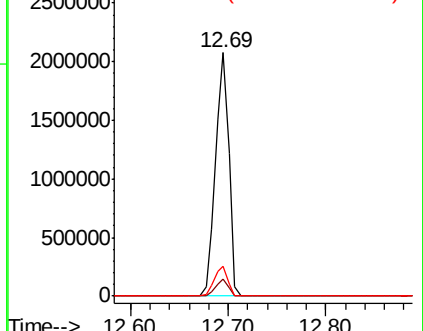


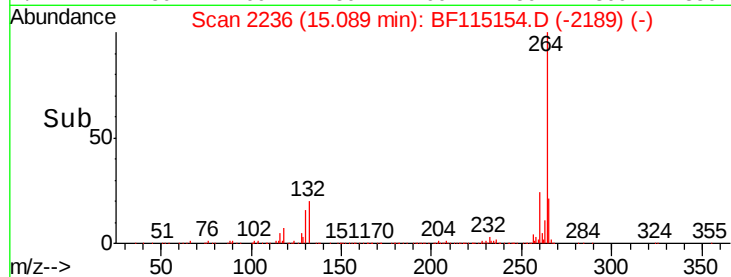
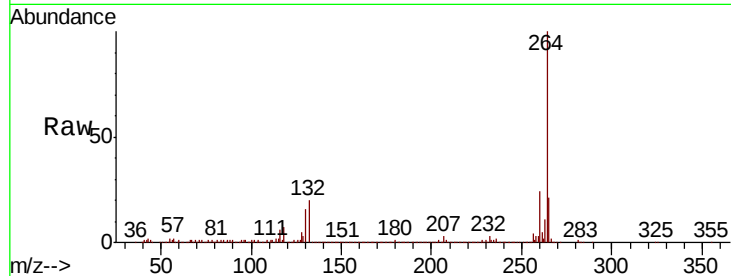
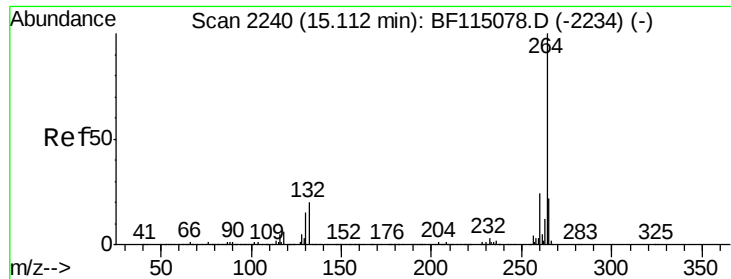
#79
 Terphenyl-d14
 Concen: 52.224 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115154.D
 Acq: 24 Jun 2019 18:34

Tgt Ion:244 Resp: 1962268
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 12.2 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115154.D
Acq: 24 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-003

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	17.3	25.9

