

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115732.D
 Acq On : 23 Jul 2019 21:16
 Operator : HP/JU
 Sample : K3928-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jul 24 04:58:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

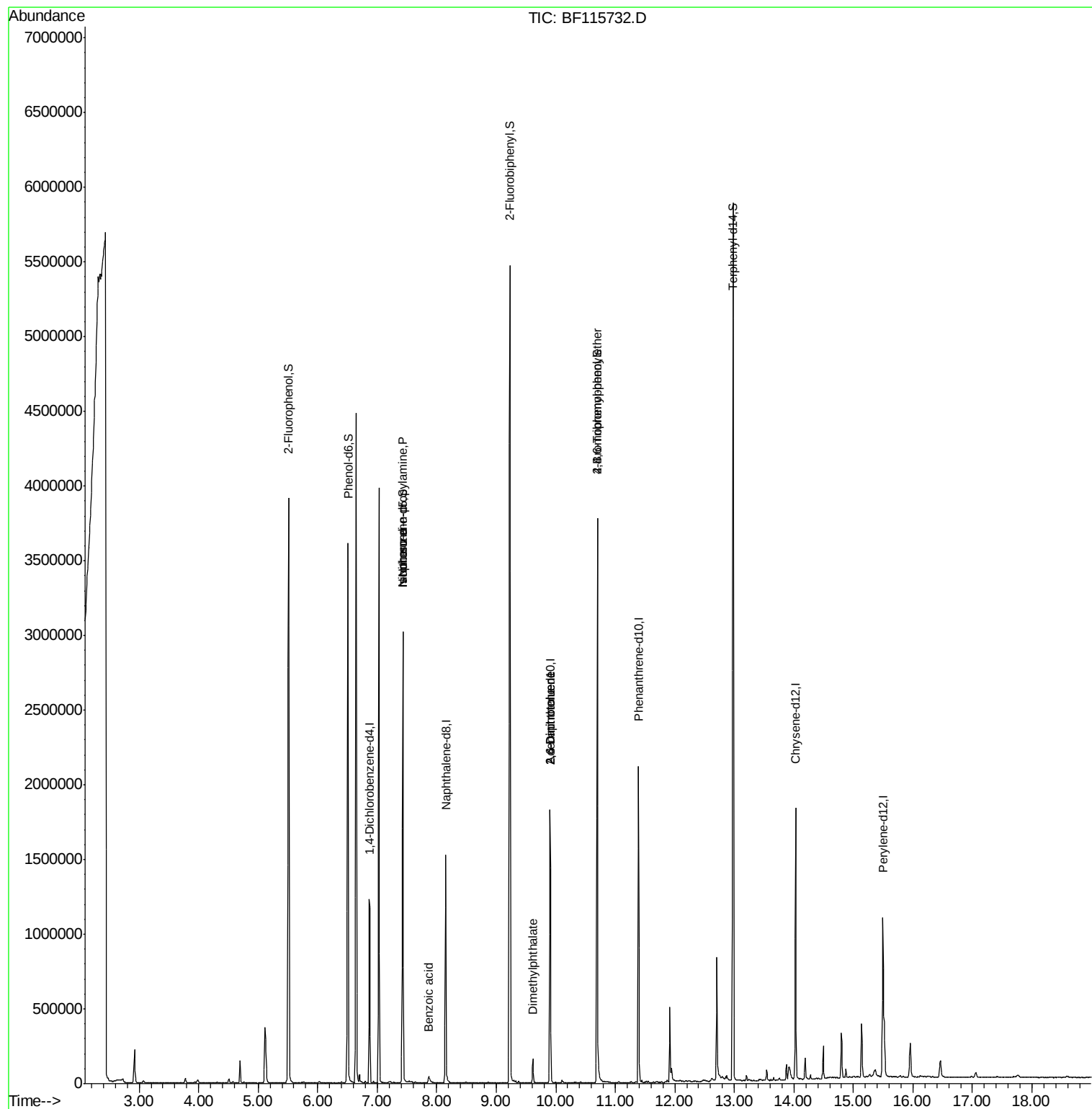
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	187401	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	723874	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	401394	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	753608	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	592516	20.00	ng	-0.02
87) Perylene-d12	15.50	264	511143	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1270658	110.91	ng	0.00
7) Phenol-d6	6.51	99	1523484	104.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	1148175	92.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	587456	125.38	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	2028631	88.46	ng	-0.02
79) Terphenyl-d14	12.98	244	2571509	80.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	155141	16.363	ng	Qvalue # 78
25) Isophorone	7.43	82	1133427	45.499	ng	# 64
32) Benzoic acid	7.86	122	18946	2.232	ng	97
50) Dimethylphthalate	9.62	163	65788	2.178	ng	99
51) 2,6-Dinitrotoluene	9.90	165	51600	7.519	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	51600	5.803	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	35875	4.166	ng	# 1

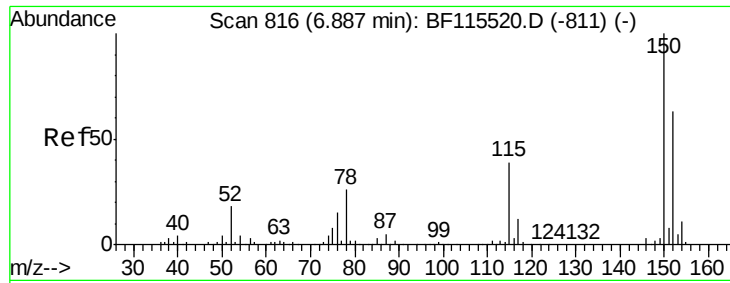
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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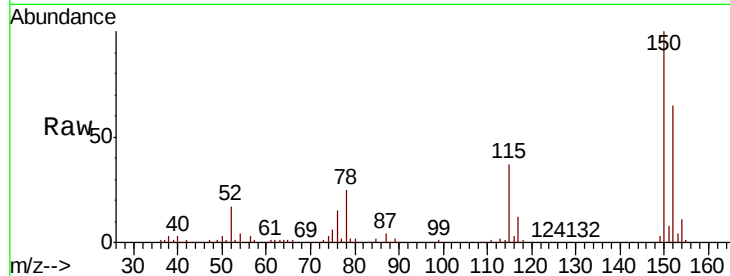


#1

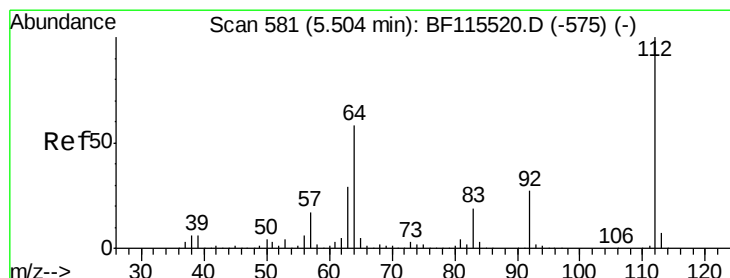
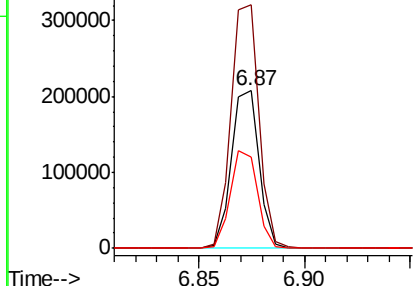
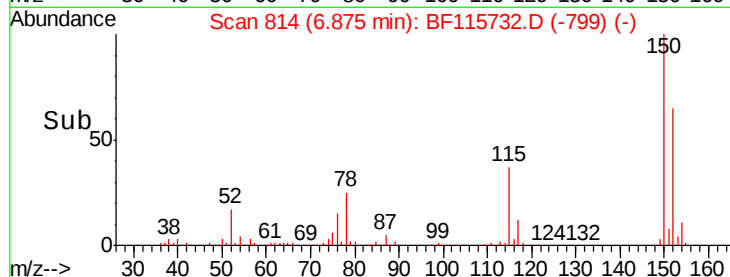
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115732.D
Acq: 23 Jul 2019 21:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:152 Resp: 187401
Ion Ratio Lower Upper
152 100
150 154.4 129.7 194.5
115 57.5 48.2 72.4



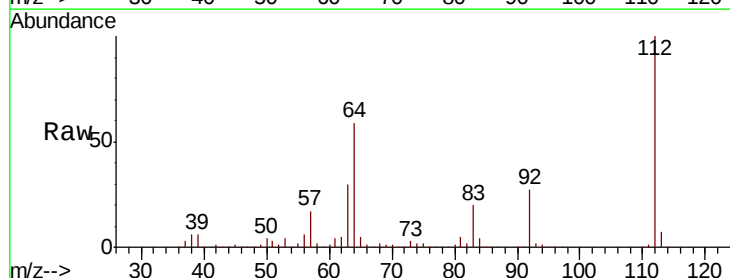
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



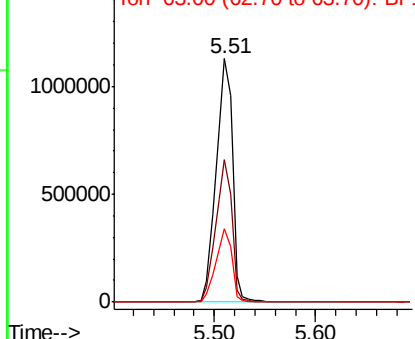
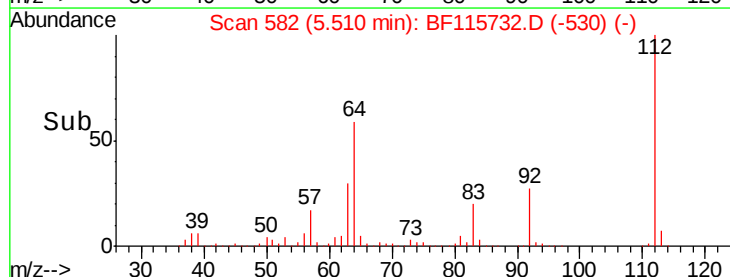
#5

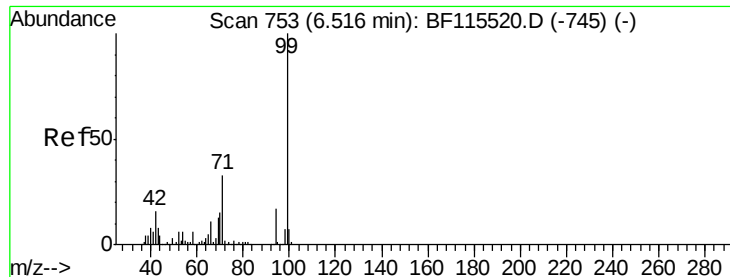
2-Fluorophenol
Concen: 110.908 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115732.D
Acq: 23 Jul 2019 21:16

Tgt Ion:112 Resp: 1270658
Ion Ratio Lower Upper
112 100
64 58.7 46.8 70.2
63 30.3 24.1 36.1



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: 104.797 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115732.D

Acq: 23 Jul 2019 21:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

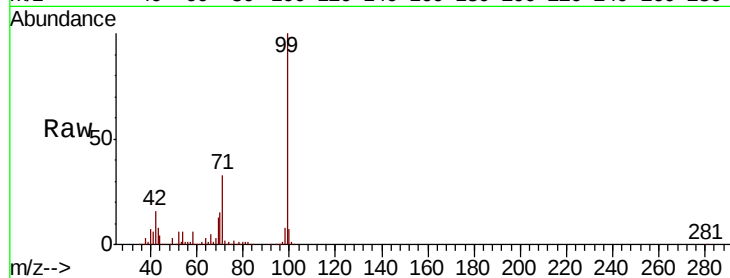
Tgt Ion: 99 Resp: 1523484

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

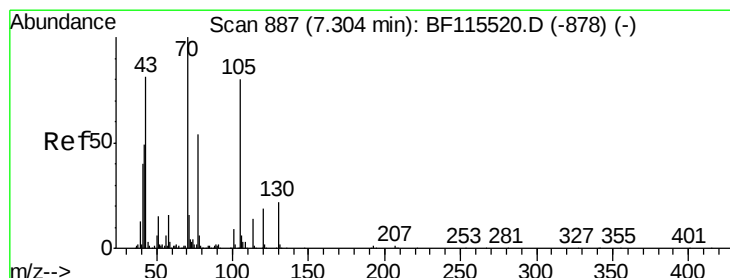
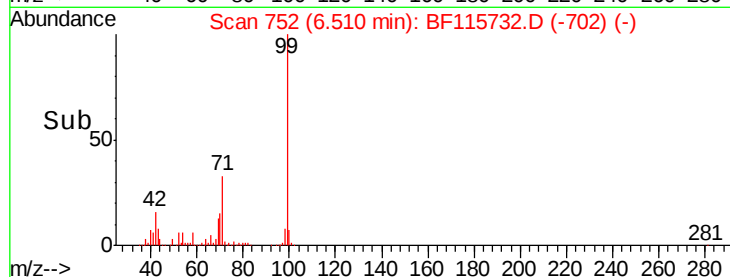
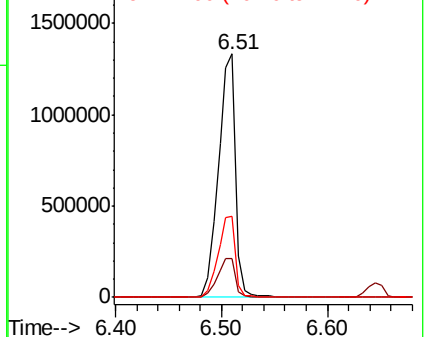
71 33.4 28.5 42.7



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: 16.363 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115732.D

Acq: 23 Jul 2019 21:16

Tgt Ion: 70 Resp: 155141

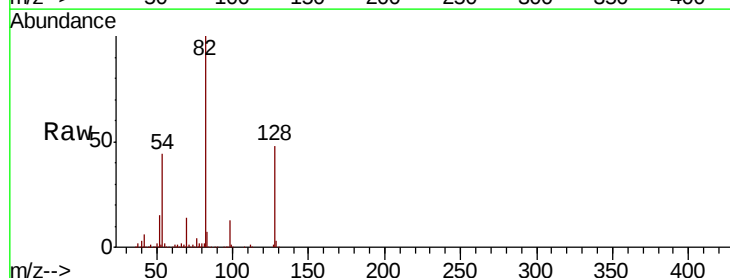
Ion Ratio Lower Upper

70 100

42 41.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

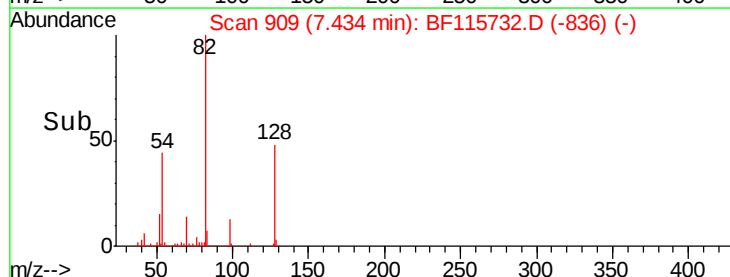
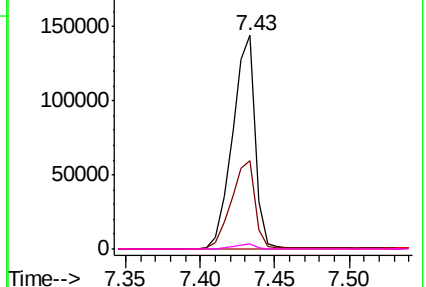


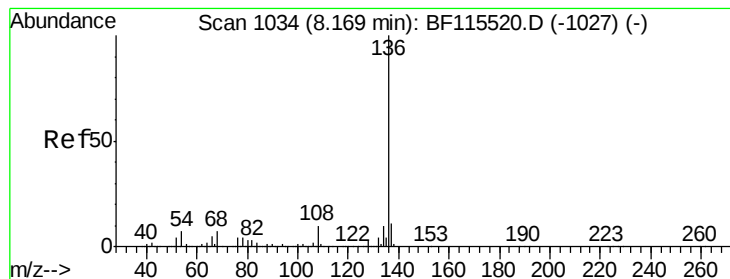
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115732.D

Acq: 23 Jul 2019 21:16

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

Tgt Ion:136 Resp: 723874

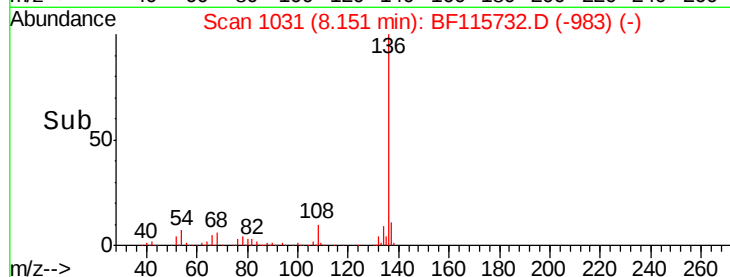
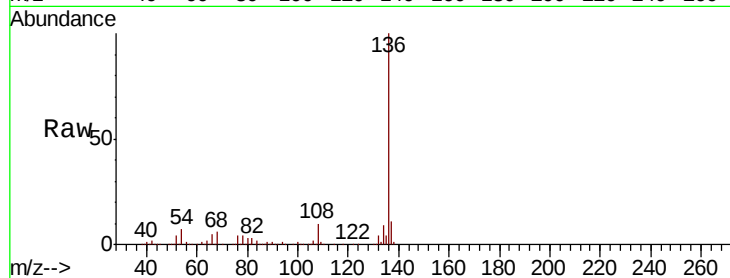
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.8 5.6 8.4

68 6.0 5.0 7.6

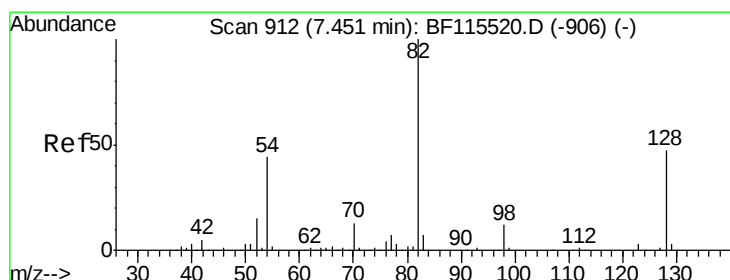
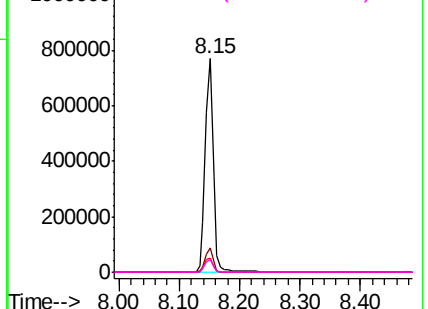


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.229 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115732.D

Acq: 23 Jul 2019 21:16

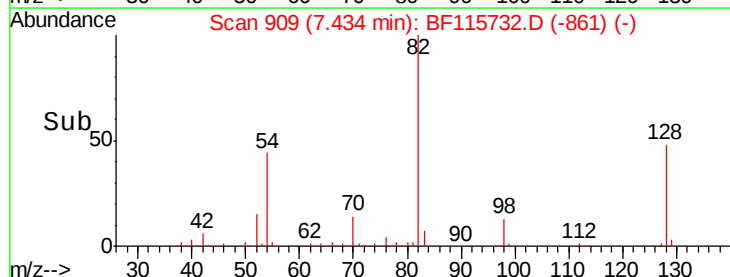
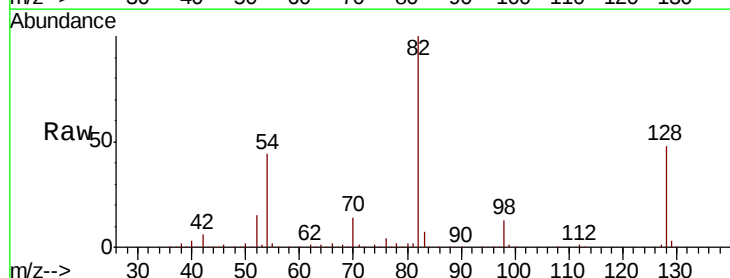
Tgt Ion: 82 Resp: 1148175

Ion Ratio Lower Upper

82 100

128 47.8 38.6 57.8

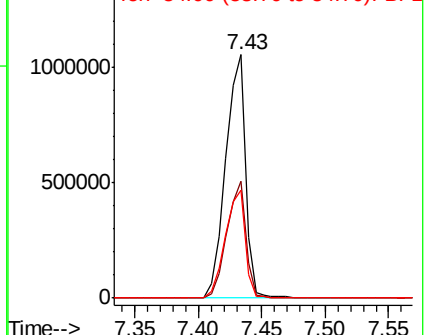
54 44.2 35.6 53.4

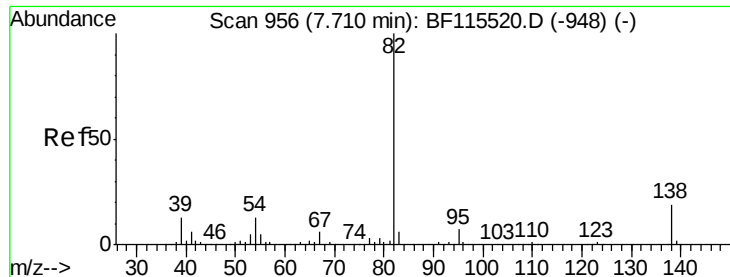


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.499 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115732.D

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ROLL-OFF-COMP

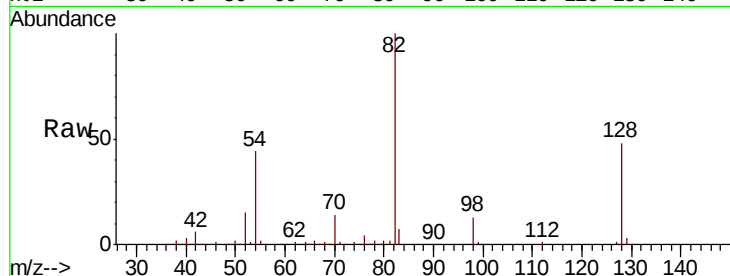
Tgt Ion: 82 Resp: 1133427

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

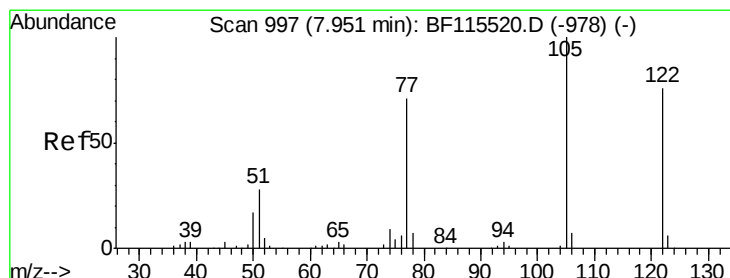
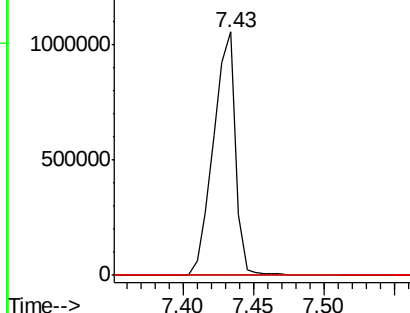
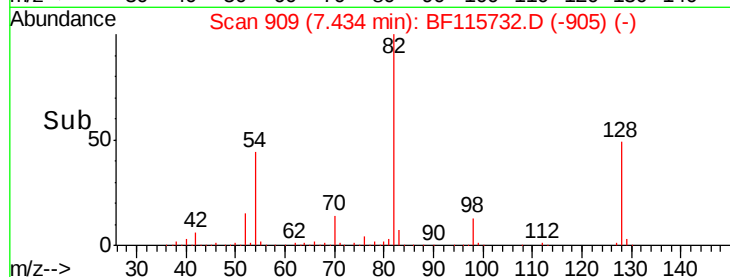
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 2.232 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF115732.D

Acq: 23 Jul 2019 21:16

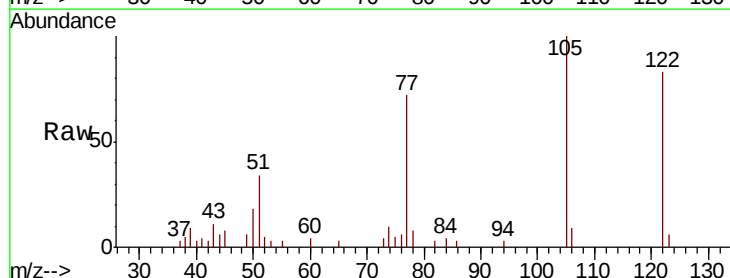
Tgt Ion: 122 Resp: 18946

Ion Ratio Lower Upper

122 100

105 120.3 102.5 142.5

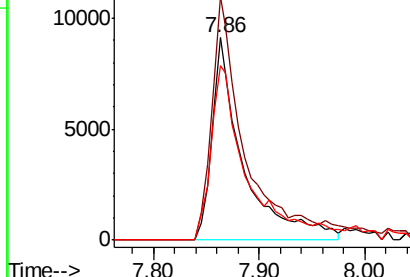
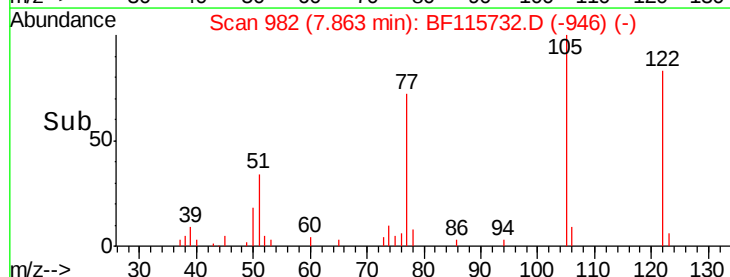
77 86.4 70.2 110.2

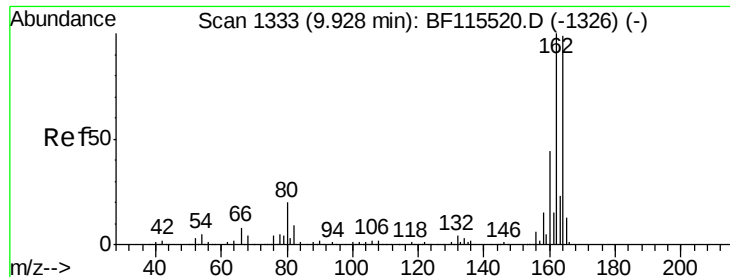


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

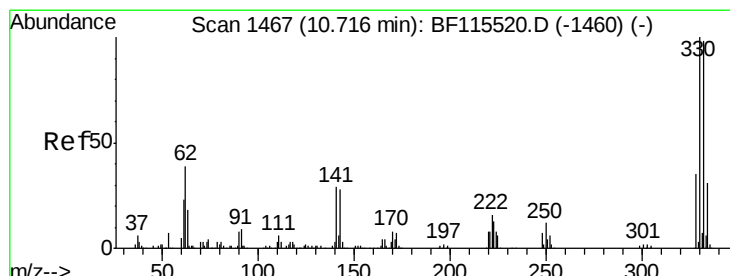
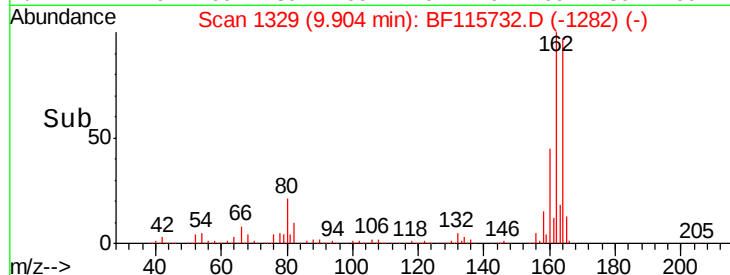
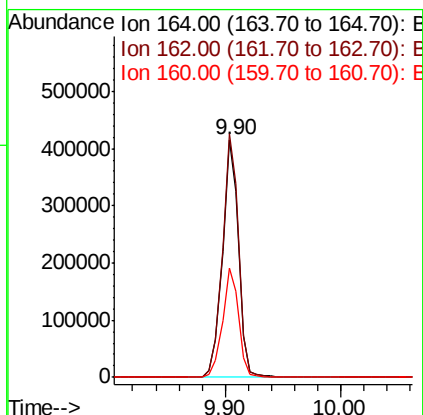
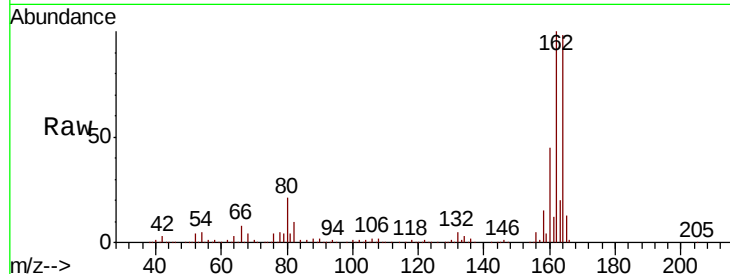




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

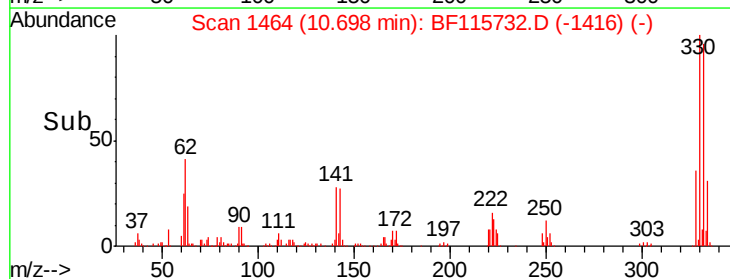
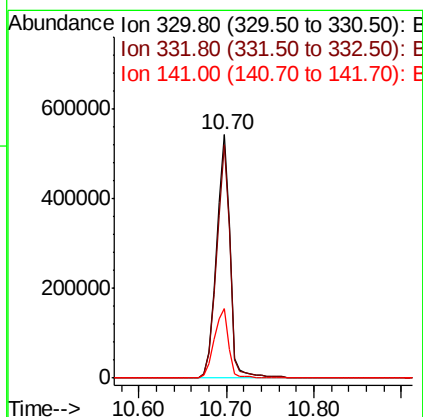
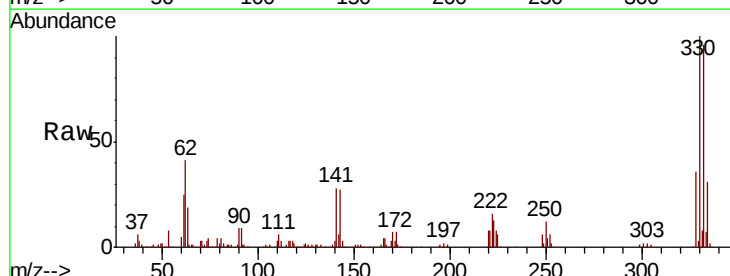
Instrument :
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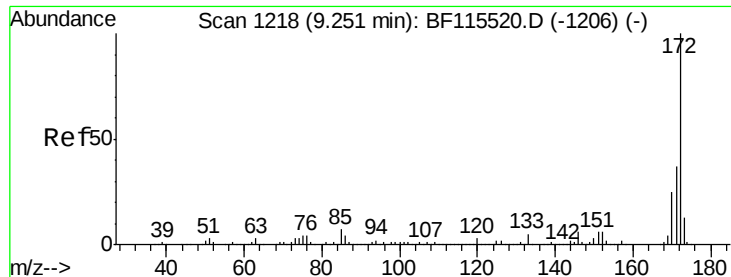
Tgt Ion:164 Resp: 401394
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.9 124.3
 160 45.8 36.8 55.2



#42
 2,4,6-Tribromophenol
 Concen: 125.384 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

Tgt Ion:330 Resp: 587456
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 30.6 22.4 33.6

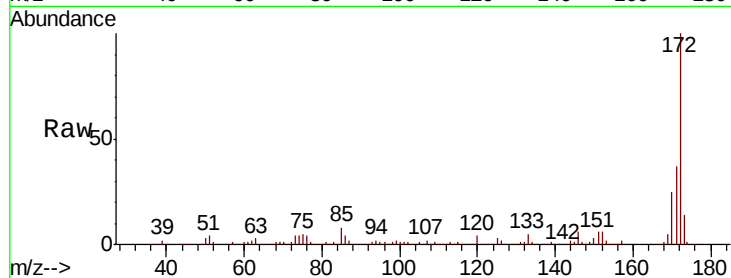




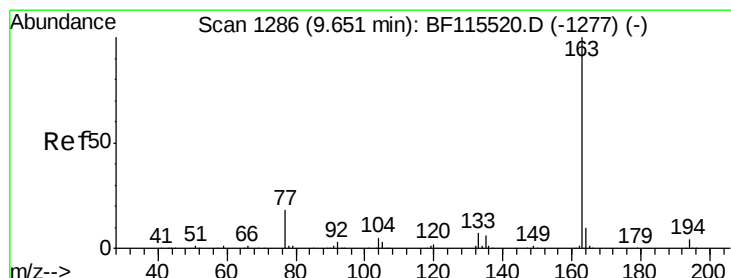
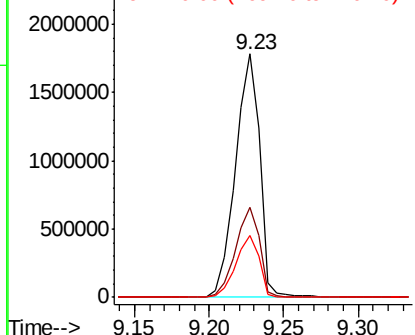
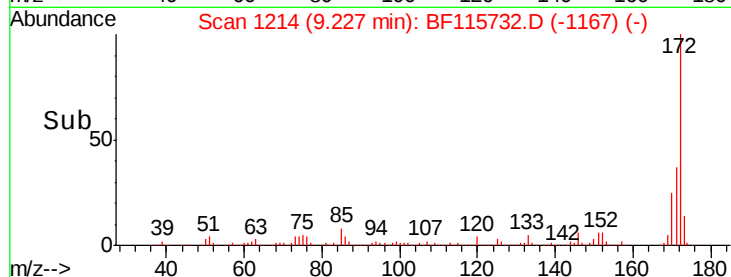
#45
 2-Fluorobiphenyl
 Concen: 88.459 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

Instrument :
 BNA_F
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 ROLL-OFF-COMP

Tgt Ion:172 Resp: 2028631
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 46.0
 170 25.3 20.5 30.7

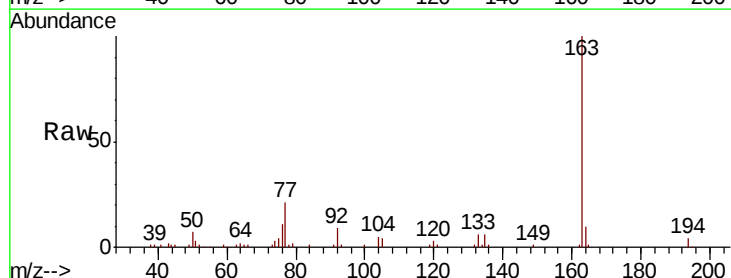


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

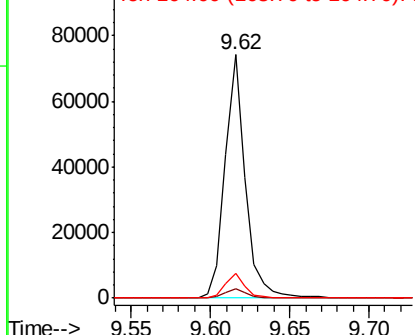
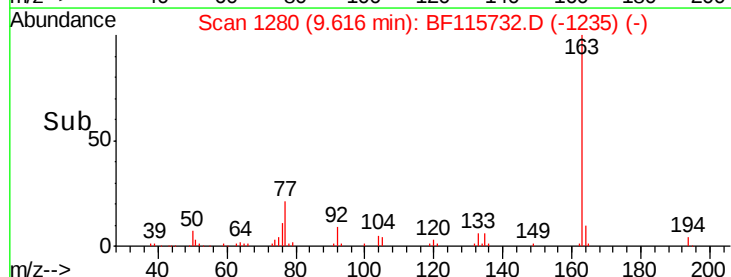


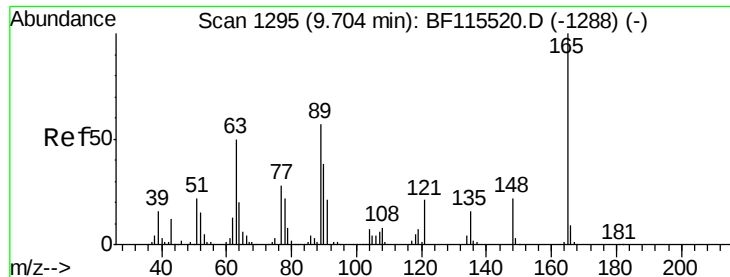
#50
 Dimethylphthalate
 Concen: 2.178 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.04 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

Tgt Ion:163 Resp: 65788
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 10.2 8.7 13.1



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

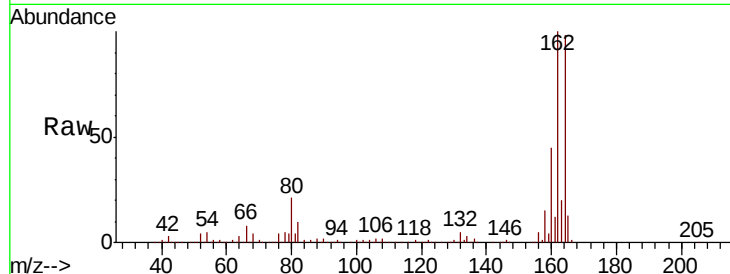




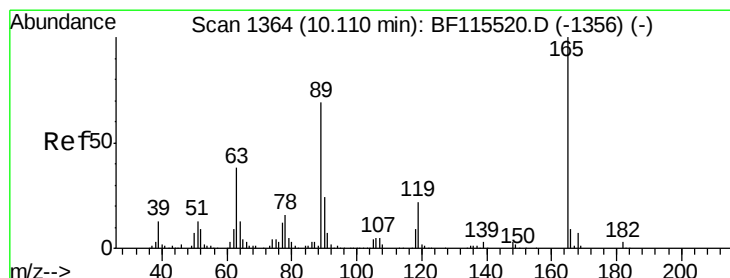
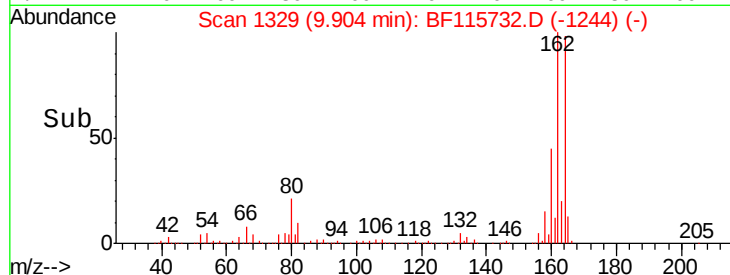
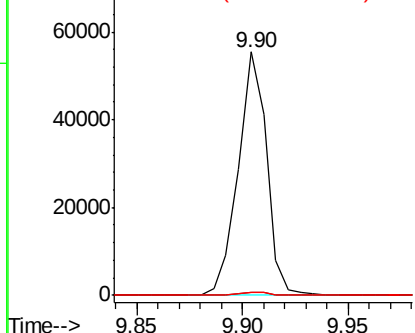
#51
 2,6-Dinitrotoluene
 Concen: 7.519 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.6	61.0#
89	1.3	43.9	65.9#



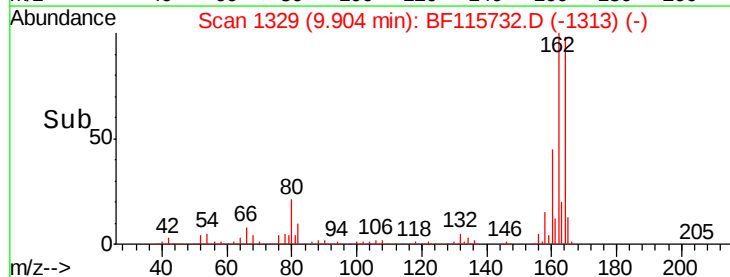
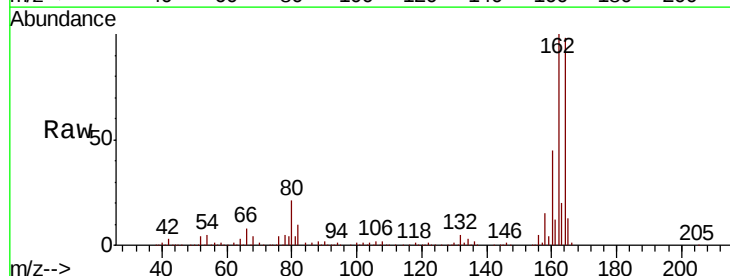
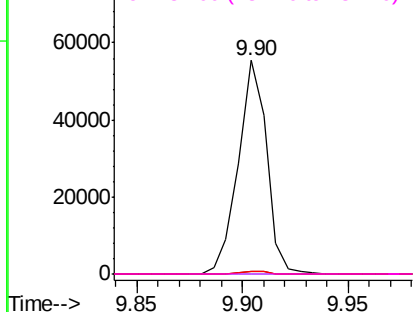
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

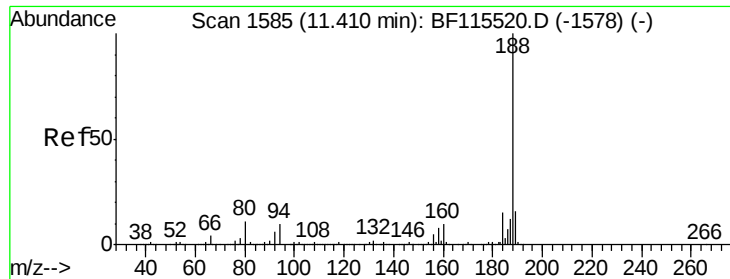


#57
 2,4-Dinitrotoluene
 Concen: 5.803 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.9	52.3#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#

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

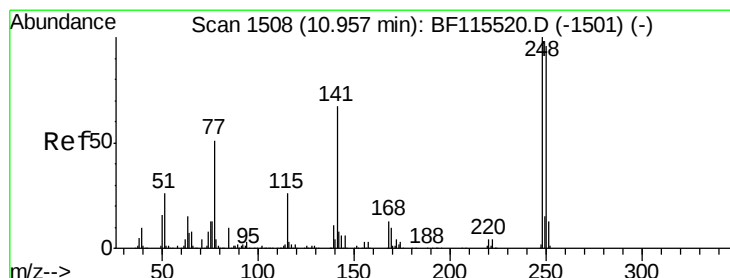
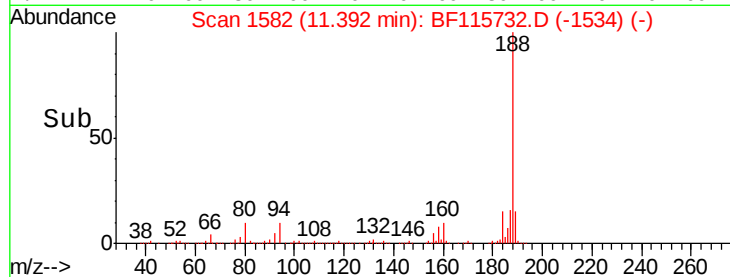
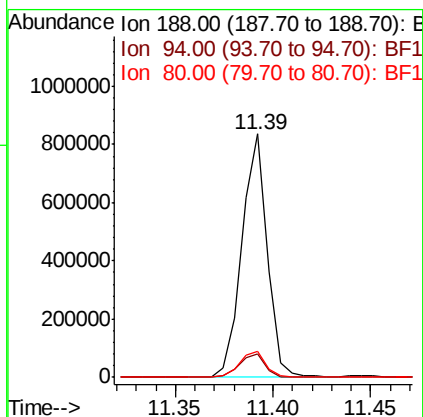
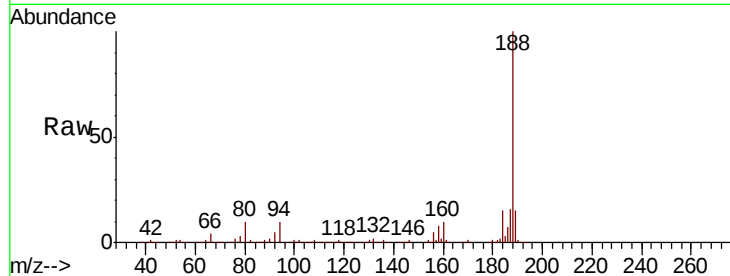




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

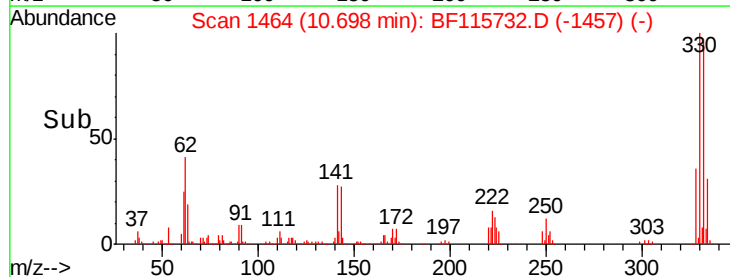
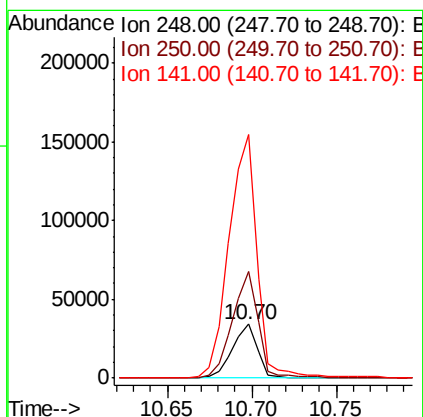
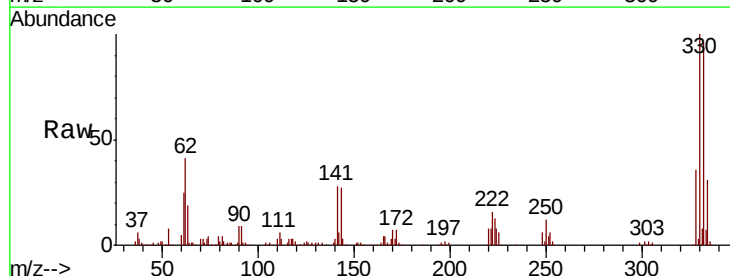
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

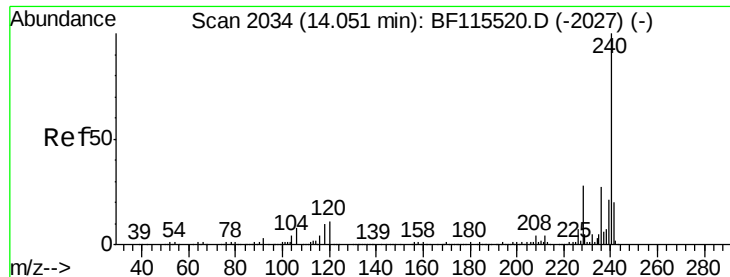
Tgt Ion:188 Resp: 753608
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.8 11.6
 80 10.4 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.166 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF115732.D
 Acq: 23 Jul 2019 21:16

Tgt Ion:248 Resp: 35875
 Ion Ratio Lower Upper
 248 100
 250 196.7 78.0 117.0#
 141 449.9 57.7 86.5#

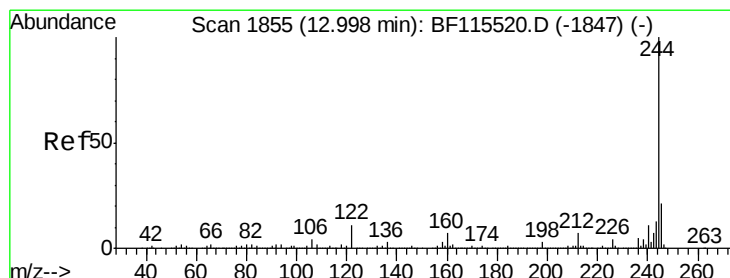
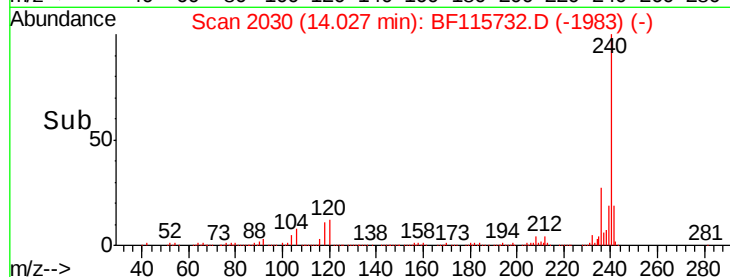
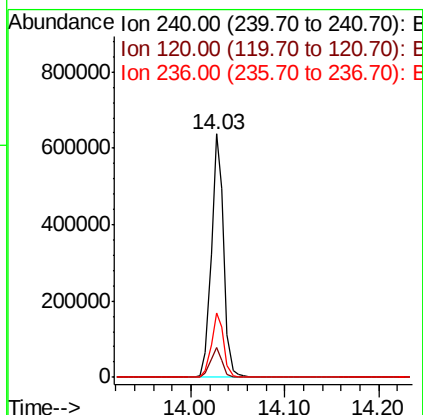
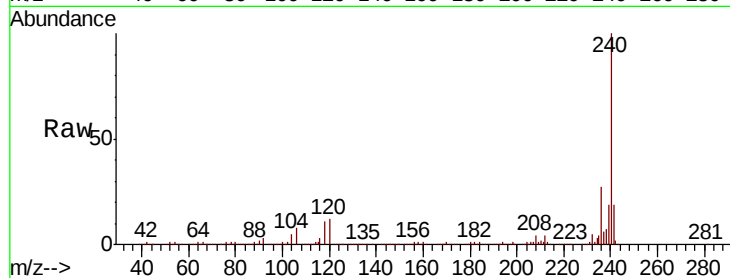




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115732.D
Acq: 23 Jul 2019 21:16

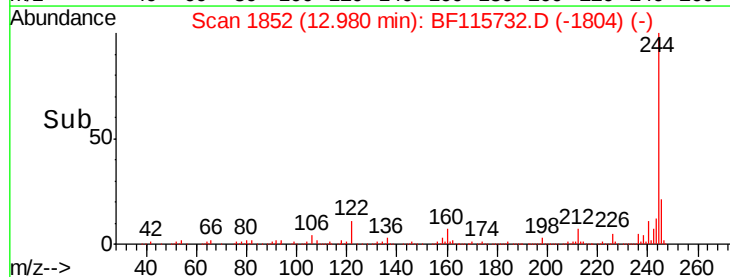
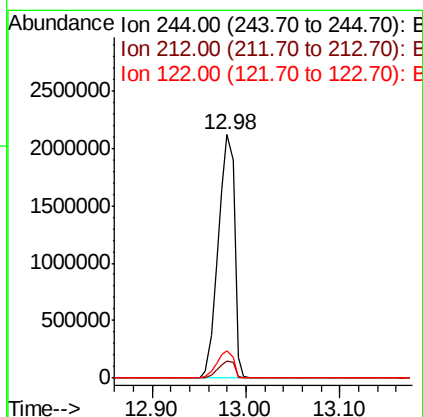
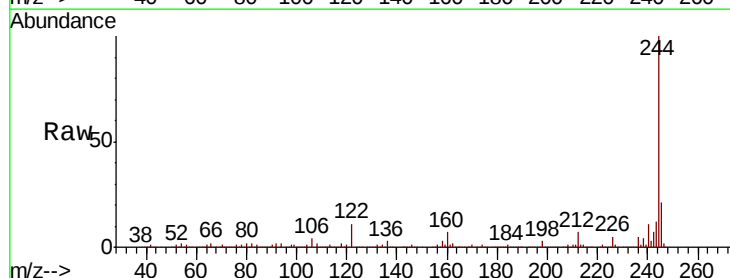
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

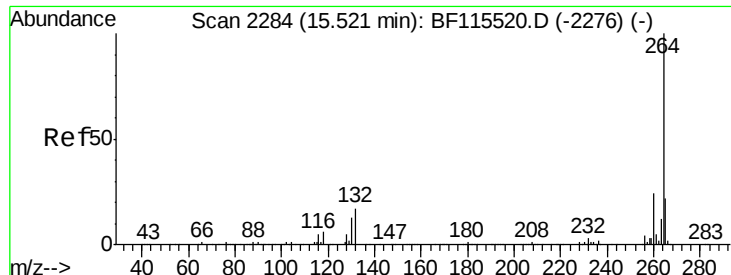
Tgt Ion:240 Resp: 592516
Ion Ratio Lower Upper
240 100
120 12.5 8.6 13.0
236 26.6 21.3 31.9



#79
Terphenyl-d14
Concen: 80.080 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115732.D
Acq: 23 Jul 2019 21:16

Tgt Ion:244 Resp: 2571509
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.1 8.6 12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115732.D
Acq: 23 Jul 2019 21:16

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:264 Resp: 511143
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.8
265 20.9 17.7 26.5

