

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116767.D
 Acq On : 3 Sep 2019 12:51
 Operator : HP/JU
 Sample : PB122729BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 03 14:39:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	176995	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	702739	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	363788	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	589258	20.00	ng	0.00
76) Chrysene-d12	13.99	240	405647	20.00	ng	0.00
87) Perylene-d12	15.44	264	352830	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1349180	123.49	ng	0.02
7) Phenol-d6	6.49	99	1778666	123.98	ng	0.00
23) Nitrobenzene-d5	7.41	82	1125358	91.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	360460	148.22	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1866207	86.54	ng	0.00
79) Terphenyl-d14	12.95	244	1781106	81.23	ng	0.00

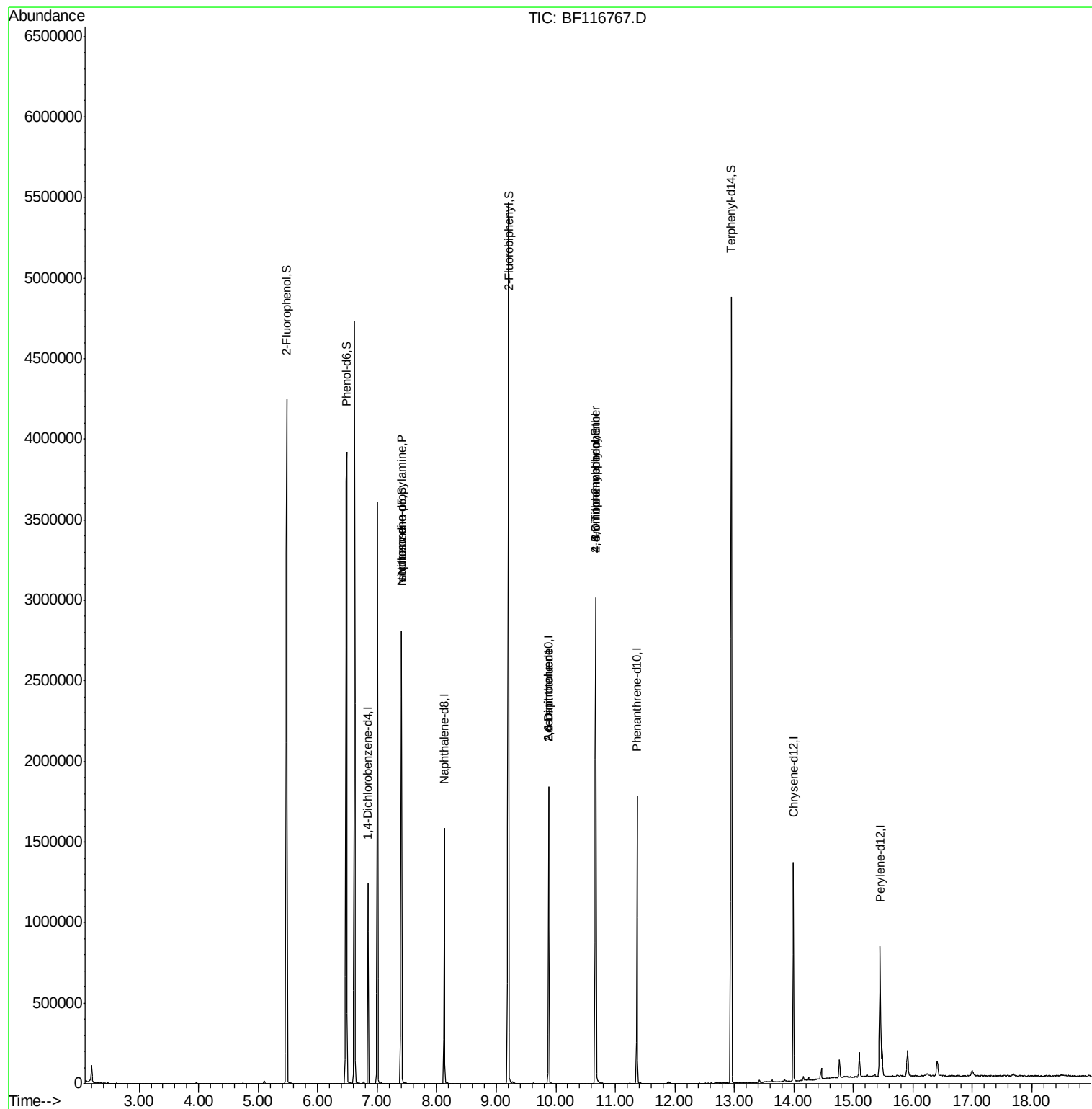
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.41	70	149388	15.815	ng	# 73
25) Isophorone	7.41	82	1121782	44.972	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	46801	9.767	ng	# 20
57) 2,4-Dinitrotoluene	9.88	165	46801	7.987	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.67	198	807	7.765	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	23182	3.873	ng	# 1

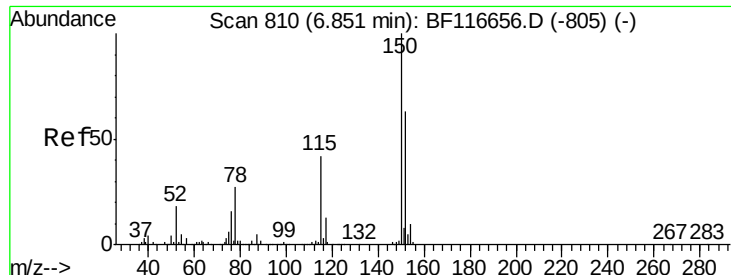
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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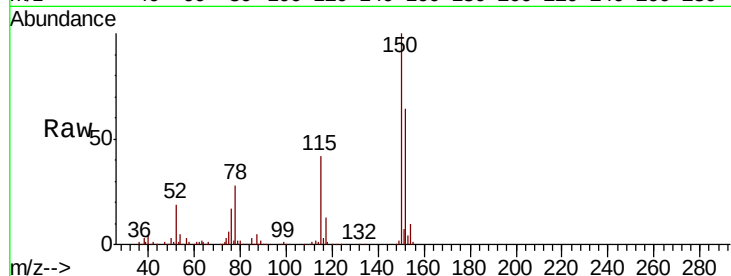


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.4	186.6
115	65.5	49.9	74.9

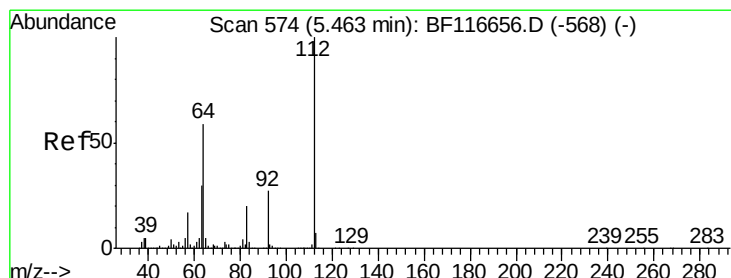
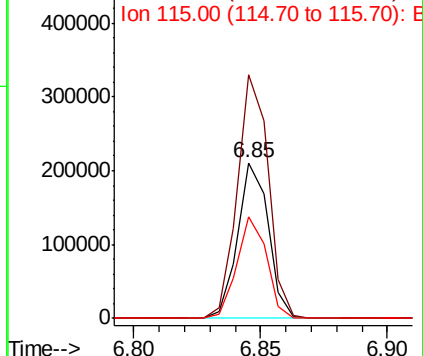
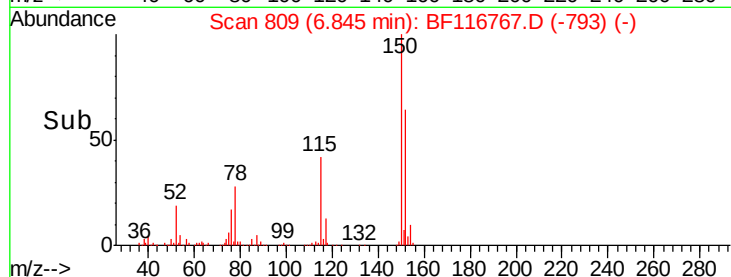


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

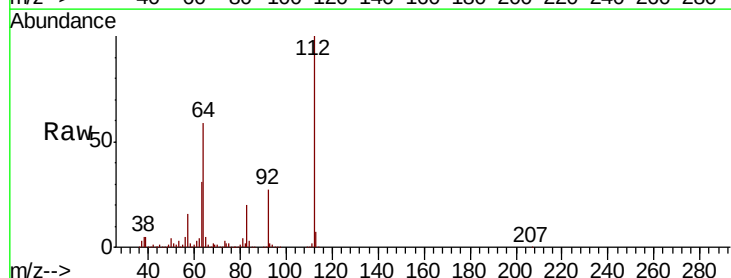
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.492 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.1	70.7
63	30.8	24.9	37.3

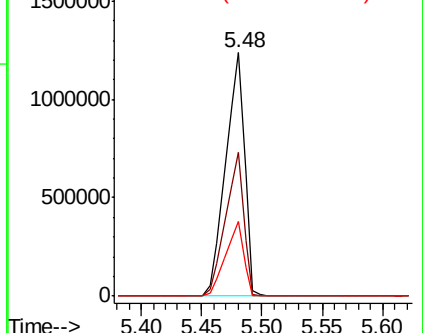
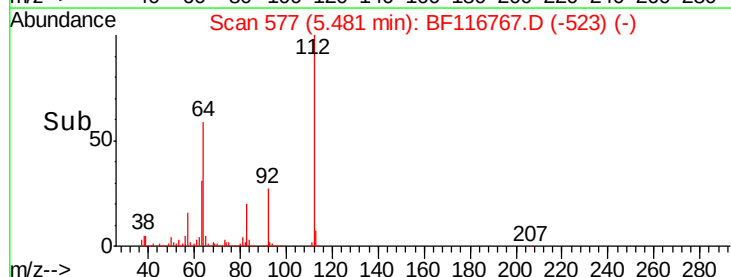


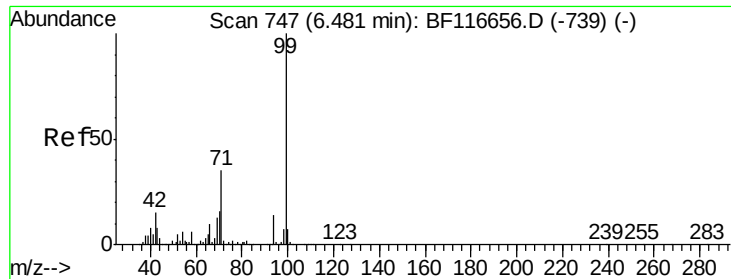
Abundance

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: 123.983 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116767.D

Acq: 3 Sep 2019 12:51

Instrument :

BNA_F

ClientSampleId :

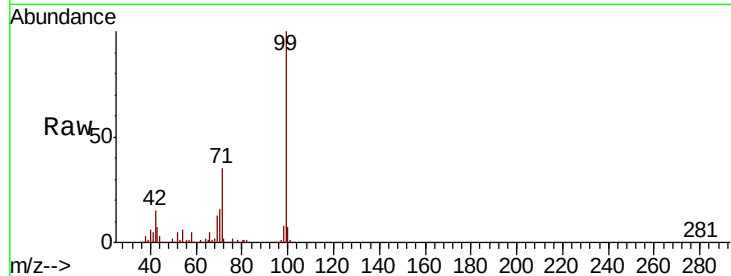
Tot Ion: 99 Resp: 1778666

Ion Ratio Lower Upper

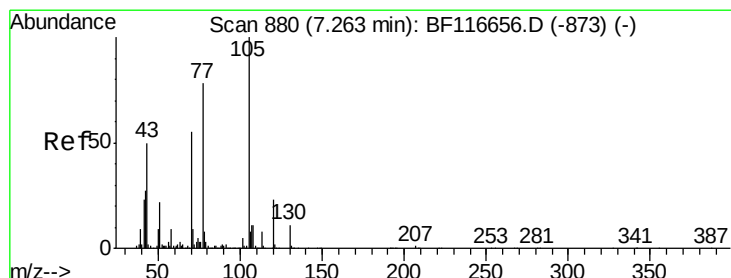
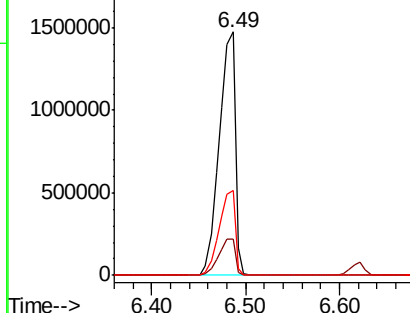
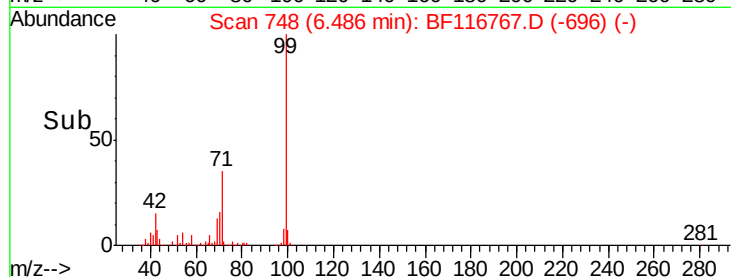
99 100

42 15.0 13.7 20.5

71 34.7 30.8 46.2



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: 15.815 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF116767.D

Acq: 3 Sep 2019 12:51

Tgt Ion: 70 Resp: 149388

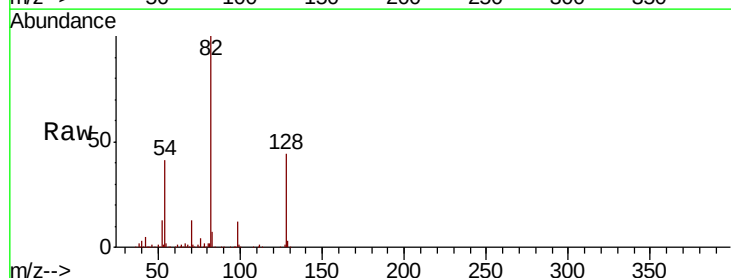
Ion Ratio Lower Upper

70 100

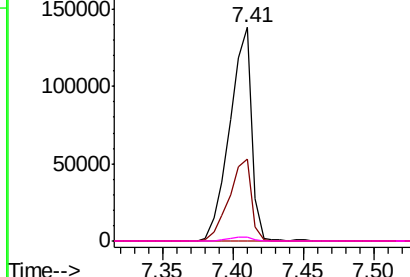
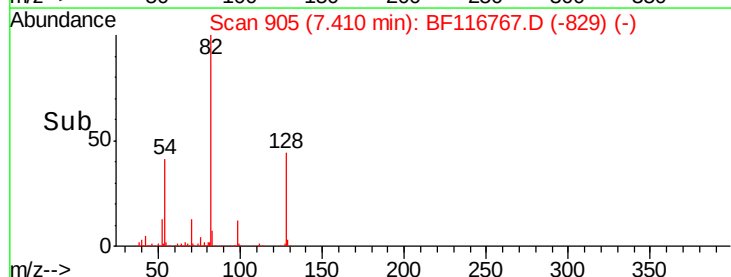
42 38.3 43.5 65.3#

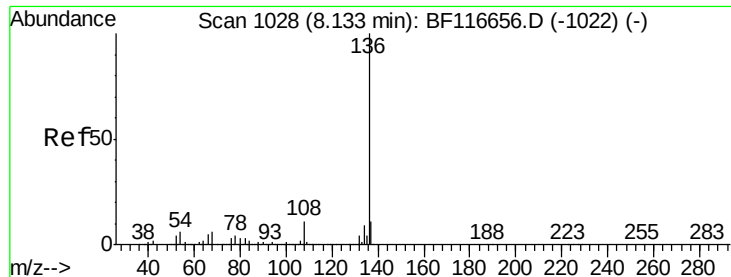
101 0.0 7.8 11.6#

130 1.9 16.6 24.8#



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

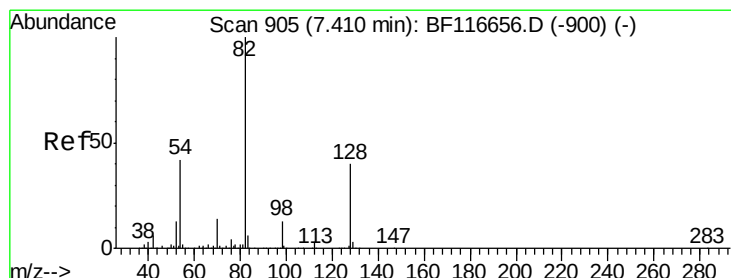
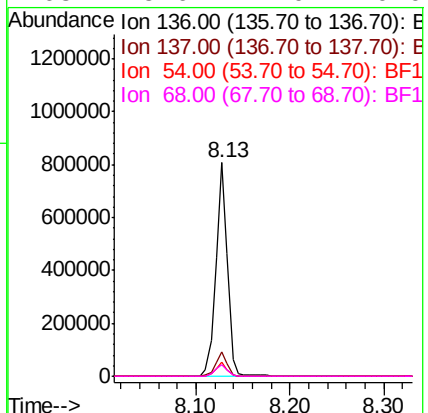
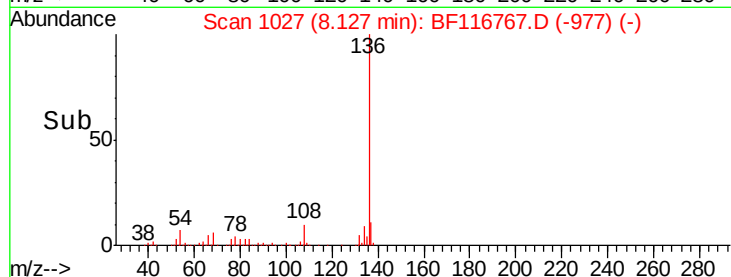
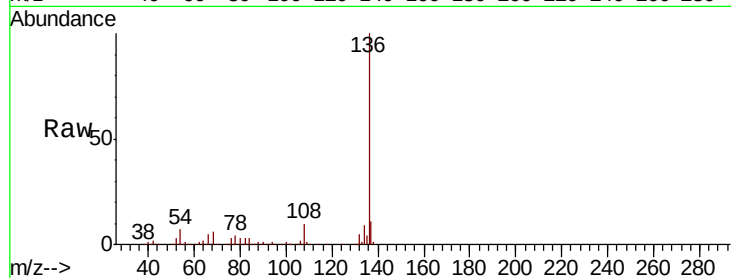




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

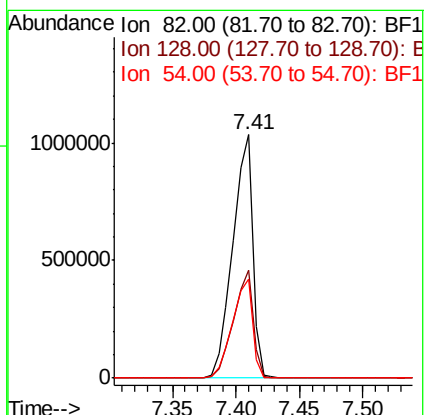
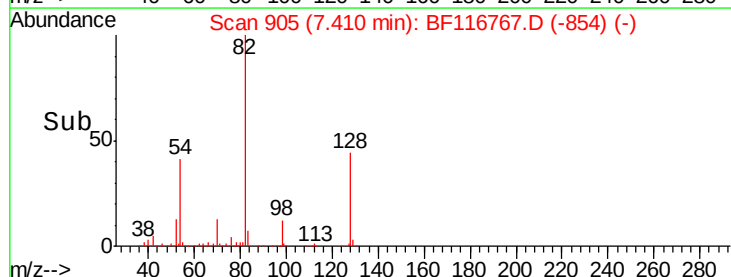
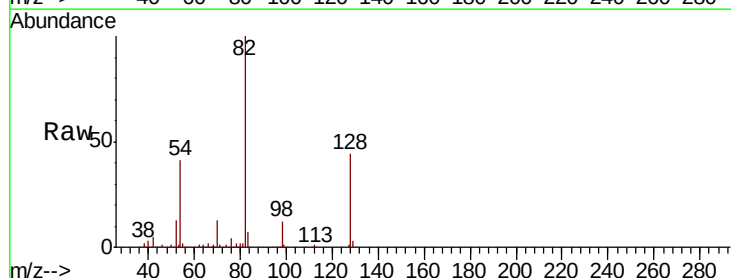
Instrument :
BNA_F
ClientSampleId :

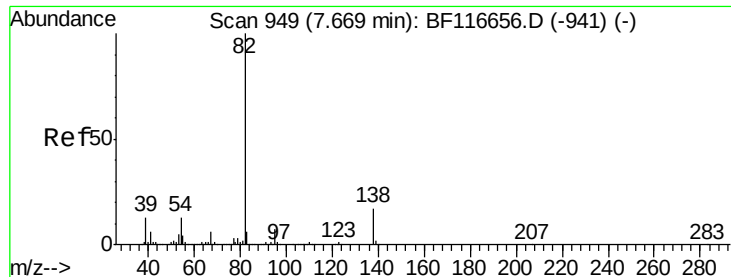
Tot Ion:136	Resp: 702739
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 6.6	4.8 7.2
68 5.6	4.0 6.0



#23
Nitrobenzene-d5
Concen: 91.419 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

Tgt Ion: 82	Resp: 1125358
Ion Ratio	Lower Upper
82 100	
128 44.2	32.8 49.2
54 40.9	36.9 55.3





#25

Isophorone

Concen: 44.972 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF116767.D

Acq: 3 Sep 2019 12:51

Instrument :

BNA_F

ClientSampled :

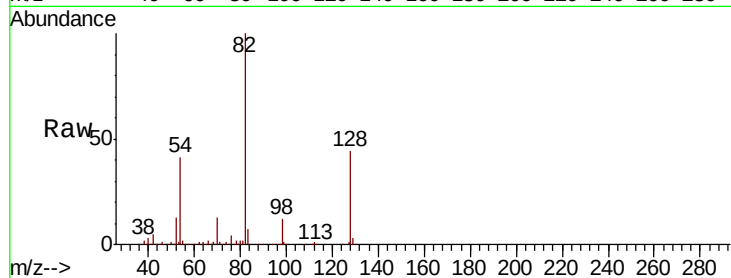
Tot Ion: 82 Resp: 1121782

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

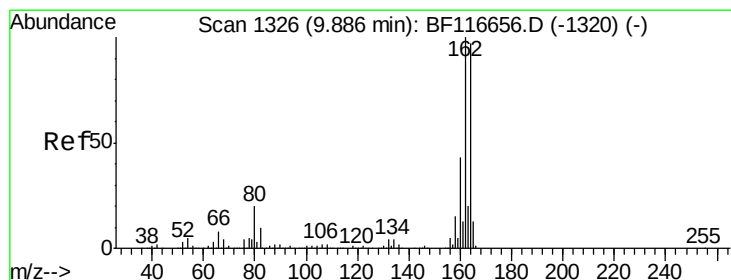
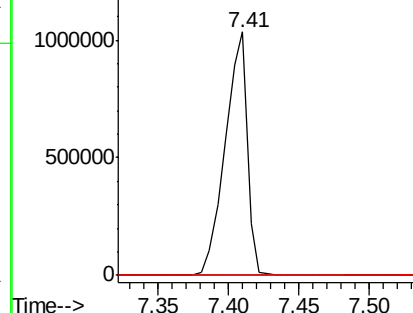
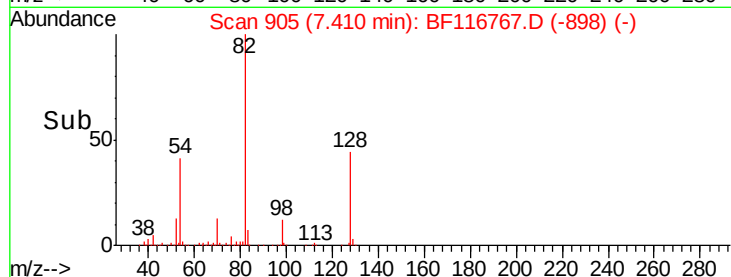
138 0.0 13.5 20.3#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116767.D

Acq: 3 Sep 2019 12:51

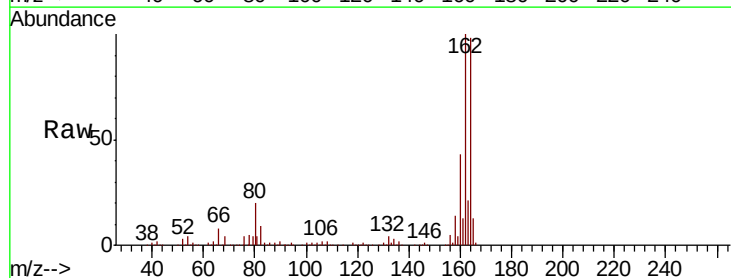
Tgt Ion:164 Resp: 363788

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

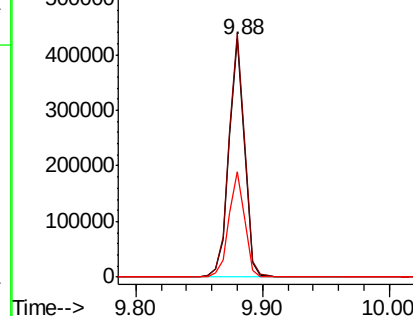
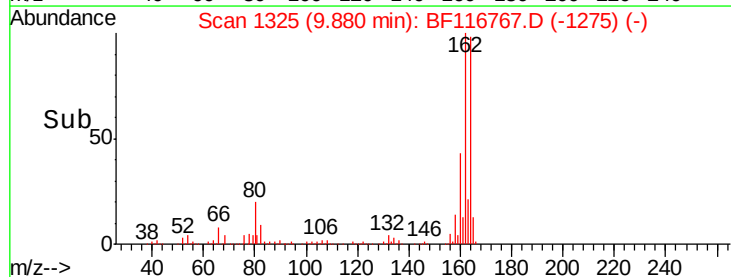
160 44.2 35.4 53.2

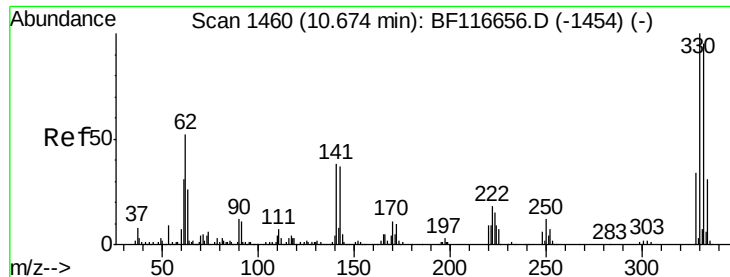


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

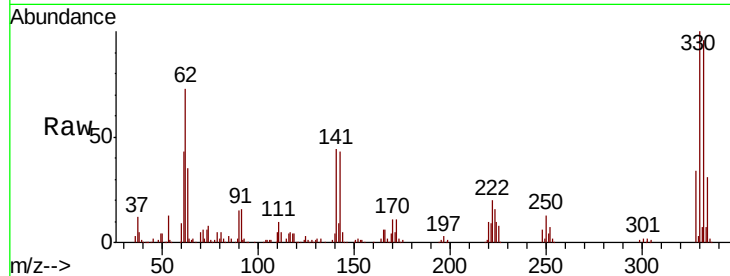




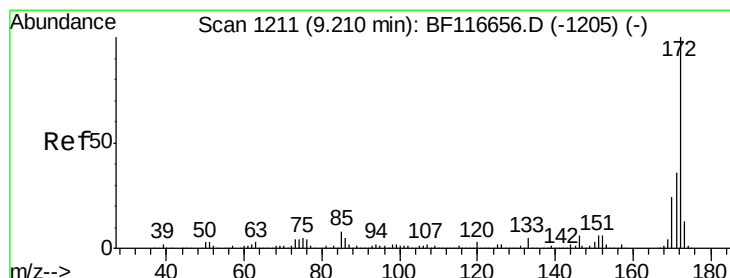
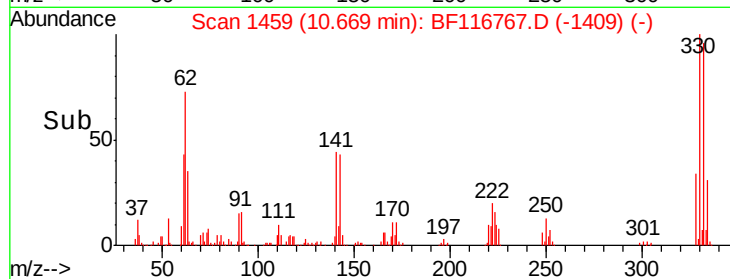
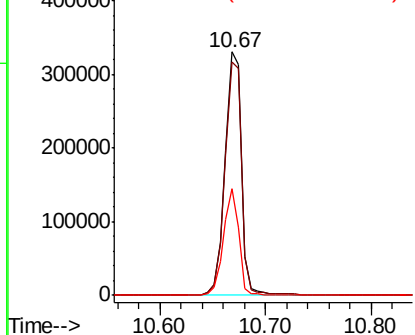
#42
 2,4,6-Tribromophenol
 Concen: 148.215 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116767.D
 Acq: 3 Sep 2019 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 360460
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 41.1 31.4 47.2

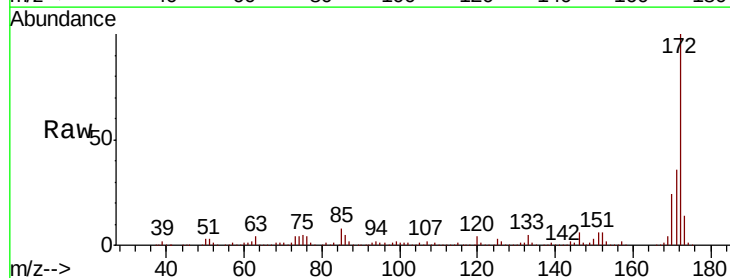


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

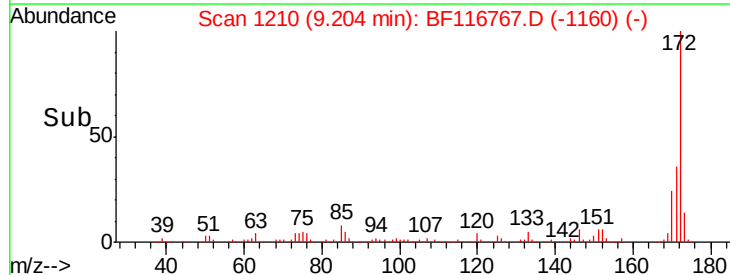
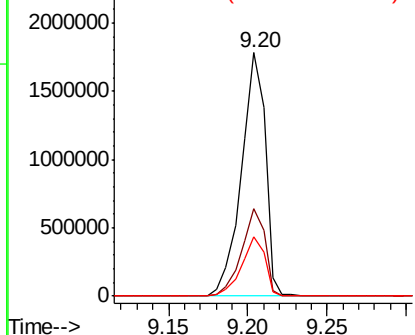


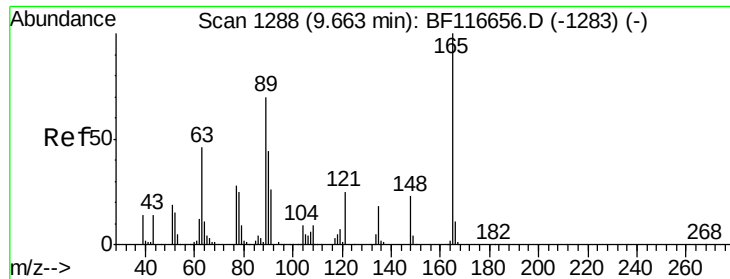
#45
 2-Fluorobiphenyl
 Concen: 86.536 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116767.D
 Acq: 3 Sep 2019 12:51

Tgt Ion:172 Resp: 1866207
 Ion Ratio Lower Upper
 172 100
 171 36.1 27.8 41.6
 170 24.3 18.9 28.3



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

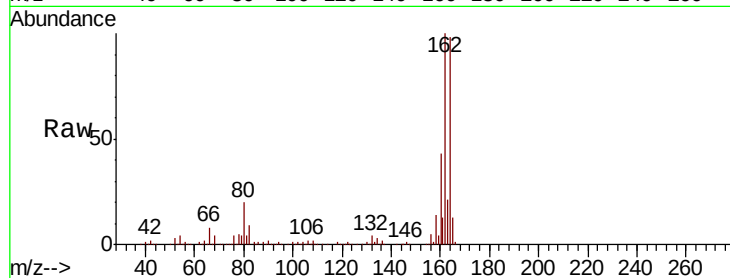




#51
 2,6-Dinitrotoluene
 Concen: 9.767 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116767.D
 Acq: 3 Sep 2019 12:51

Instrument :
 BNA_F
 ClientSampleId :

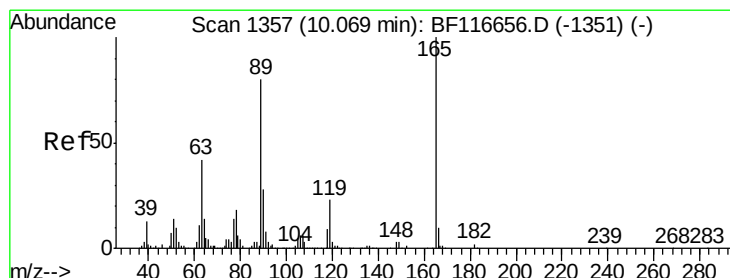
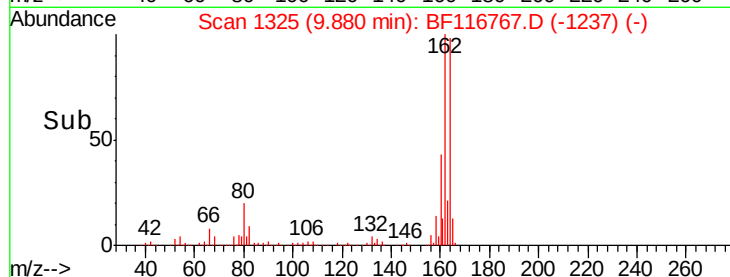
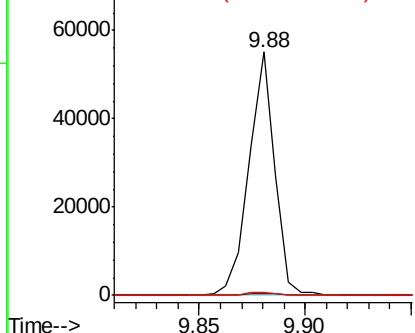
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.6	47.3	70.9#
89	1.3	52.5	78.7#



Abundance Ion 165.00 (164.70 to 165.70): E

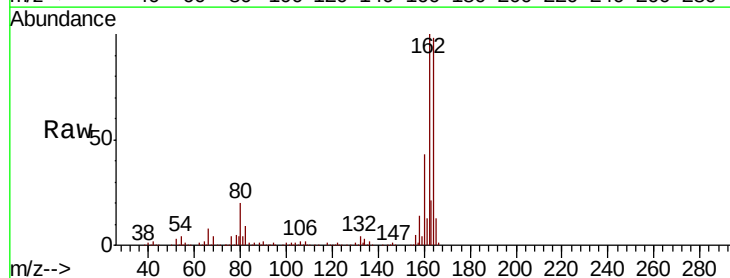
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 7.987 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116767.D
 Acq: 3 Sep 2019 12:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.6	36.4	54.6#
89	1.3	62.6	94.0#
182	0.0	2.1	3.1#

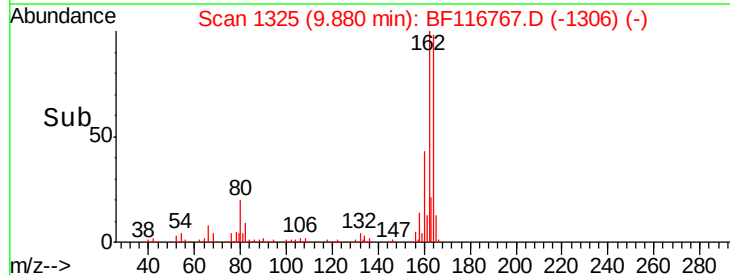
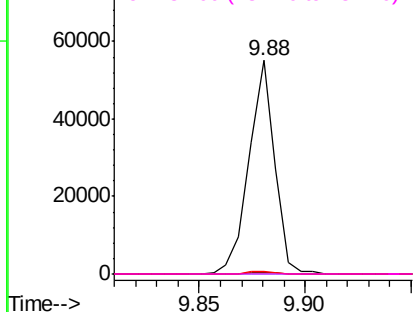


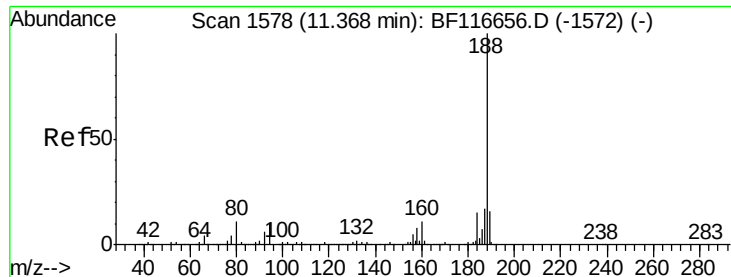
Abundance Ion 165.00 (164.70 to 165.70): E

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

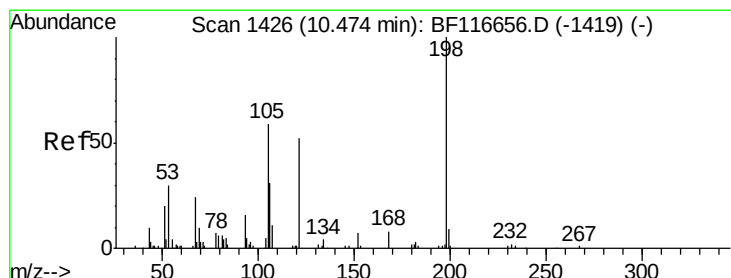
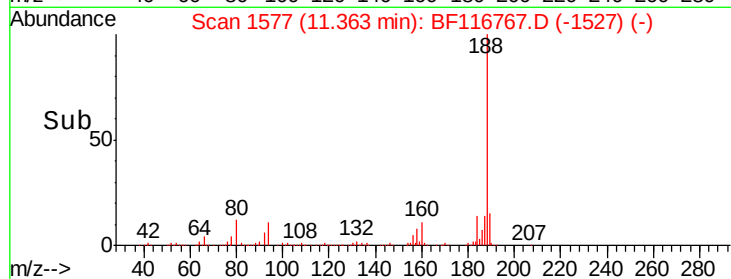
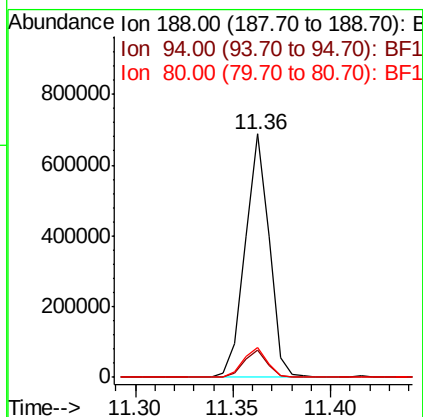
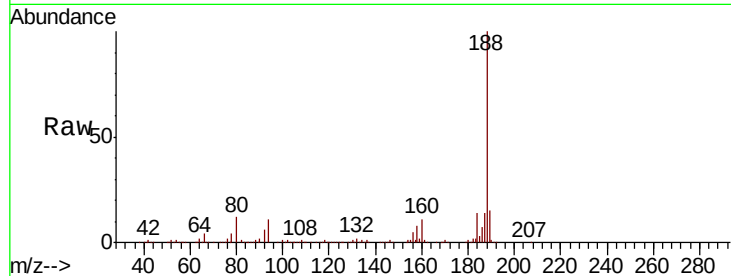




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

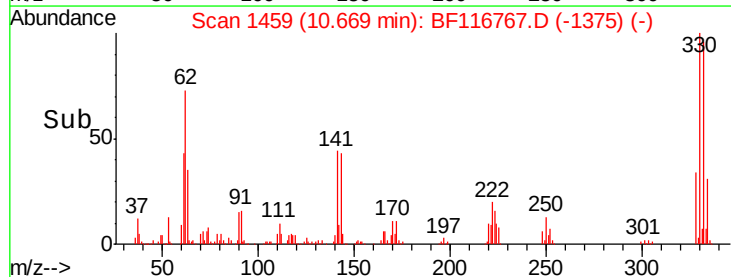
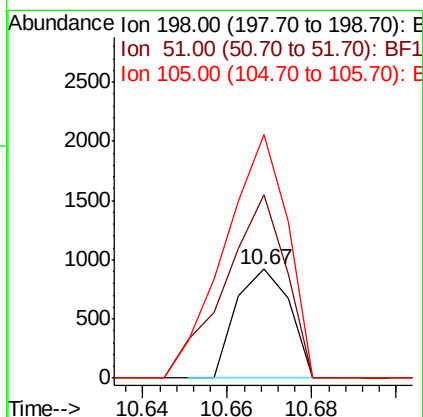
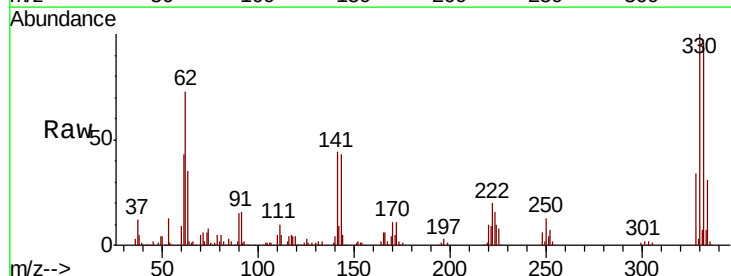
Instrument :
BNA_F
ClientSampleId :

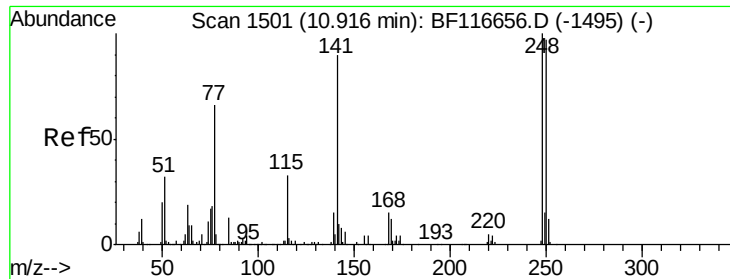
Tot Ion:188 Resp: 589258
Ion Ratio Lower Upper
188 100
94 11.4 7.3 10.9#
80 12.3 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.765 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

Tgt Ion:198 Resp: 807
Ion Ratio Lower Upper
198 100
51 169.0 18.4 58.4#
105 223.6 22.9 62.9#

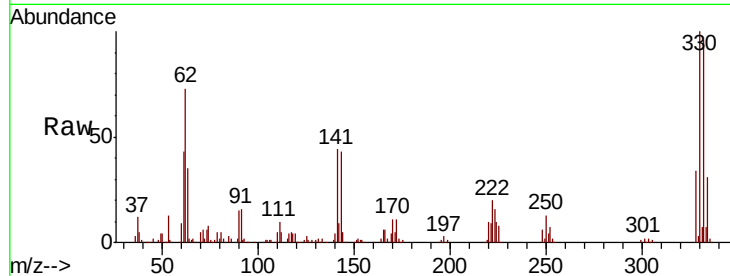




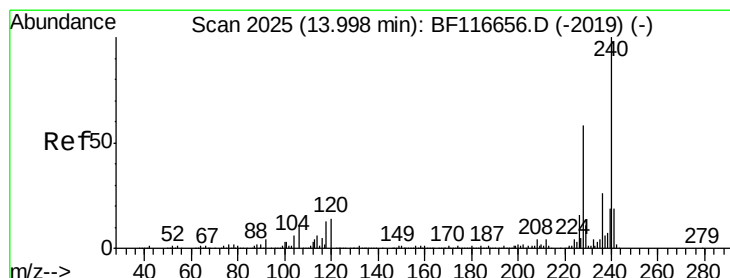
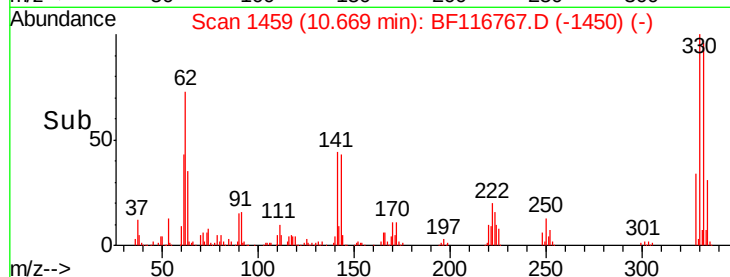
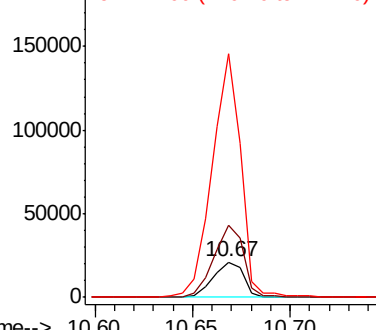
#67
4-Bromophenyl-phenylether
Concen: 3.873 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 23182
Ion Ratio Lower Upper
248 100
250 204.8 77.8 116.8#
141 686.3 75.9 113.9#

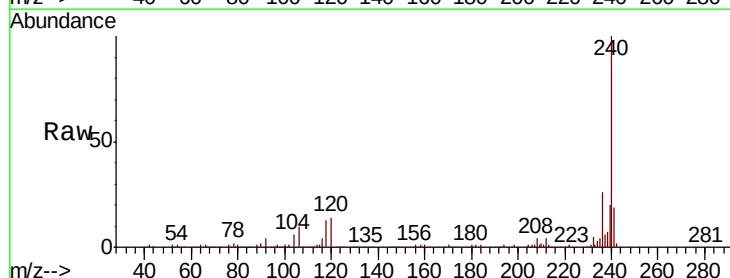


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

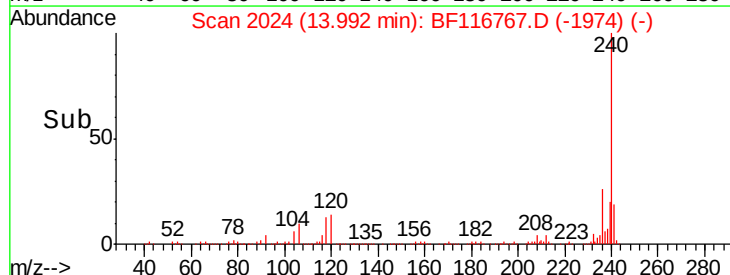
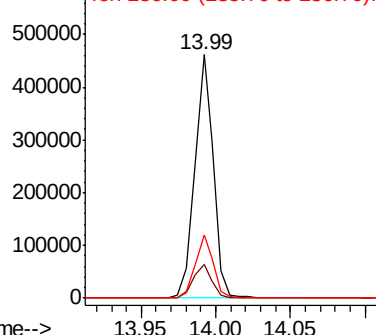


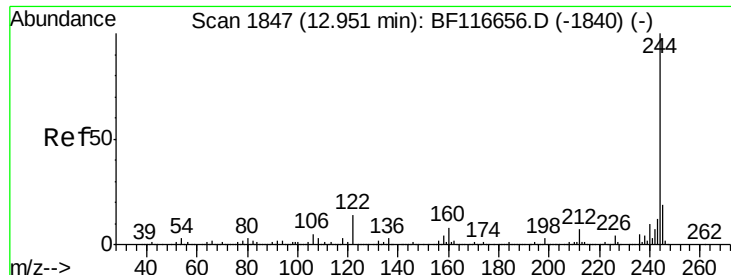
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116767.D
Acq: 3 Sep 2019 12:51

Tgt Ion:240 Resp: 405647
Ion Ratio Lower Upper
240 100
120 14.1 9.1 13.7#
236 26.1 21.1 31.7



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

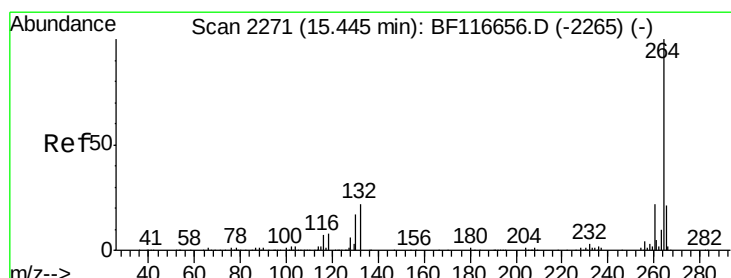
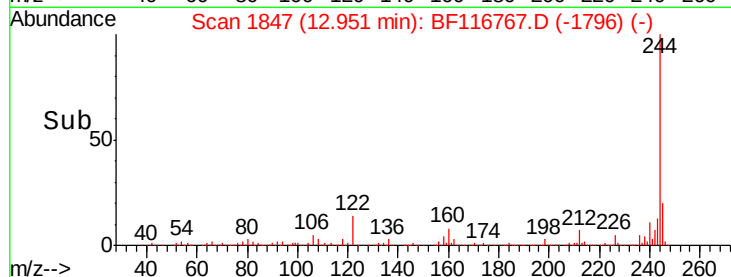
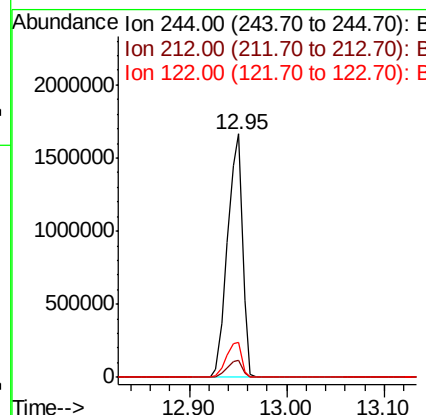
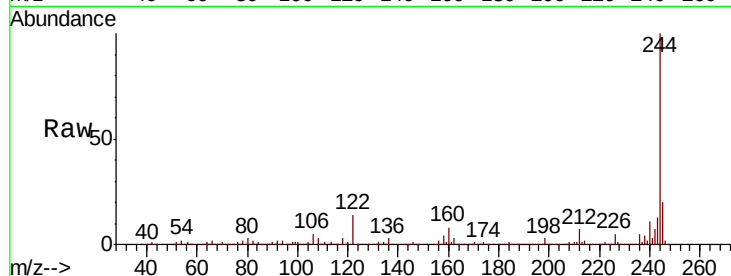




#79
 Terphenyl-d14
 Concen: 81.227 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BF116767.D
 Acq: 3 Sep 2019 12:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1781106
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 14.4 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116767.D
 Acq: 3 Sep 2019 12:51

Tgt Ion:264 Resp: 352830
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.2 16.5 24.7

