

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116709.D
 Acq On : 31 Aug 2019 19:44
 Operator : HP/JU
 Sample : K4619-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-COMP

Quant Time: Sep 01 00:44:46 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

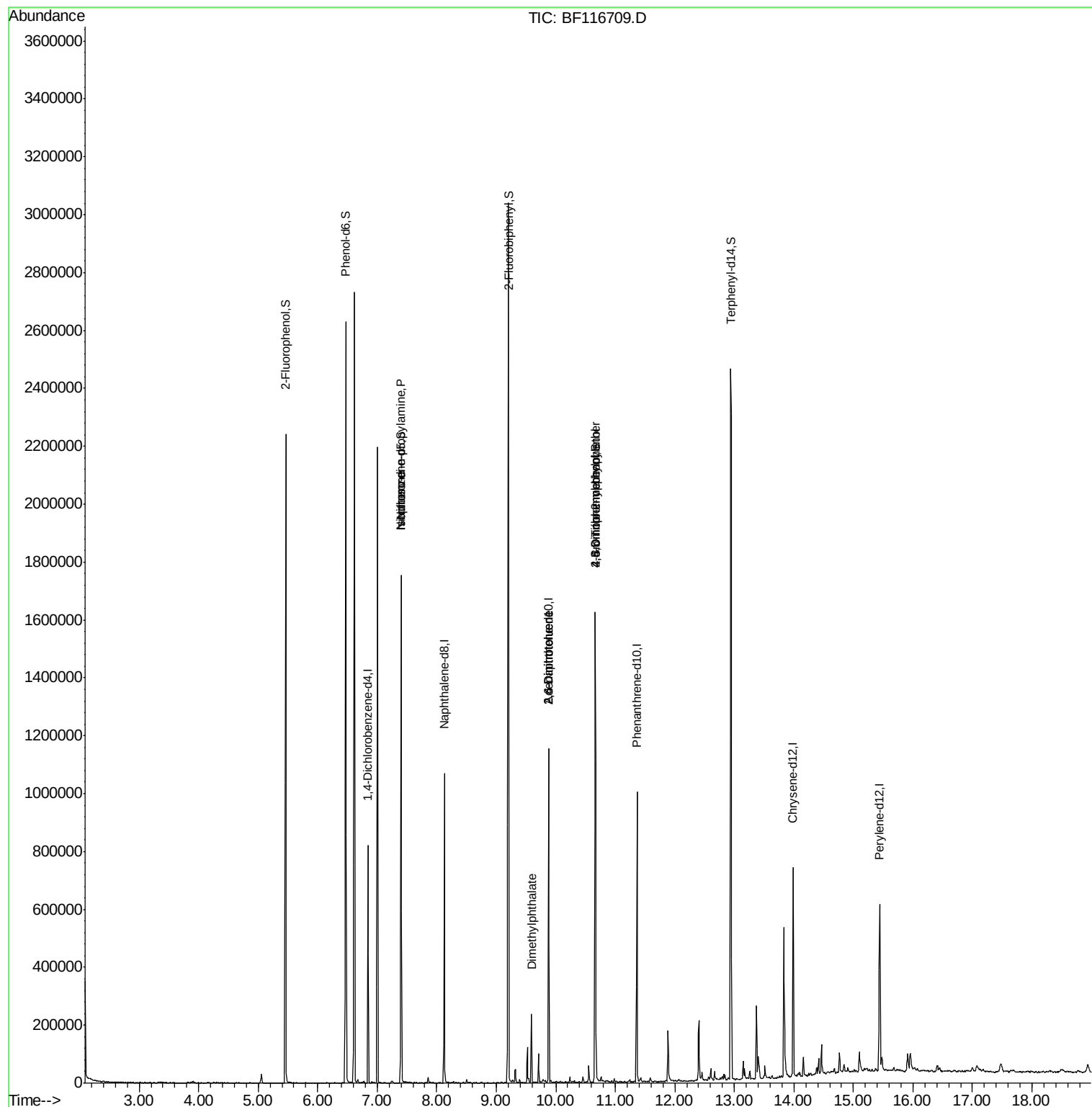
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106488	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	427052	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	219668	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	358981	20.00	ng	0.00
76) Chrysene-d12	13.99	240	230228	20.00	ng	-0.01
87) Perylene-d12	15.44	264	256073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	658785	100.22	ng	0.00
7) Phenol-d6	6.47	99	904105	104.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	555454	74.25	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	164131	111.77	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	901530	69.23	ng	0.00
79) Terphenyl-d14	12.94	244	815172	65.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	71411	12.566	ng	# 71
25) Isophorone	7.40	82	555450	36.643	ng	# 66
50) Dimethylphthalate	9.59	163	92495	6.099	ng	# 98
51) 2,6-Dinitrotoluene	9.88	165	28161	9.732	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	28161	7.959	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	334	7.665	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	10846	2.974	ng	# 1

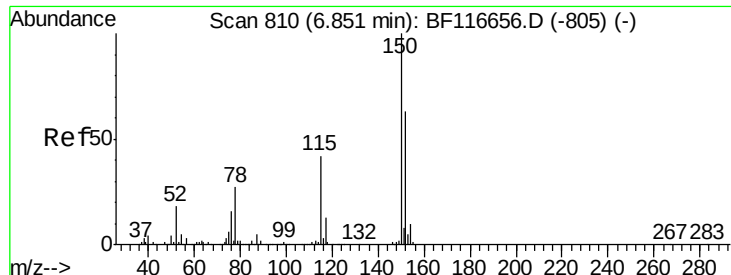
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116709.D
Acq On : 31 Aug 2019 19:44
Operator : HP/JU
Sample : K4619-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-COMP

Quant Time: Sep 01 00:44:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

Instrument :

BNA_F

ClientSampleId :

TP3-COMP

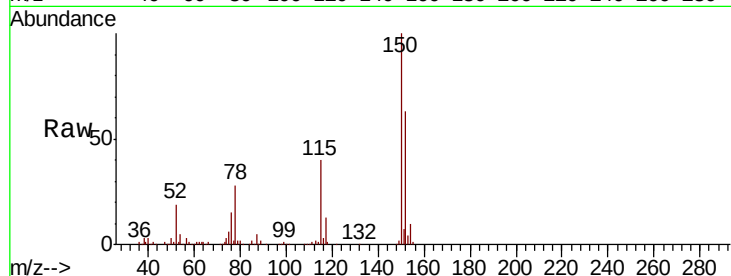
Tot Ion:152 Resp: 106488

Ion Ratio Lower Upper

152 100

150 159.7 124.4 186.6

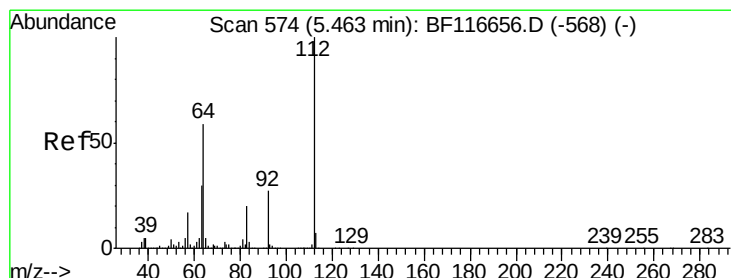
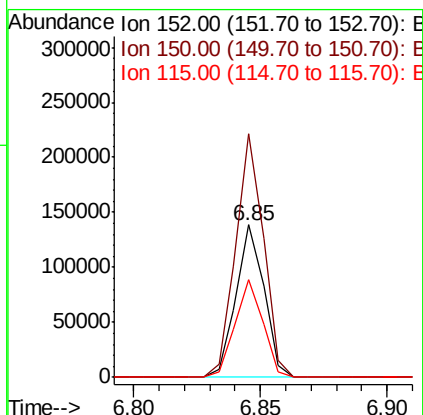
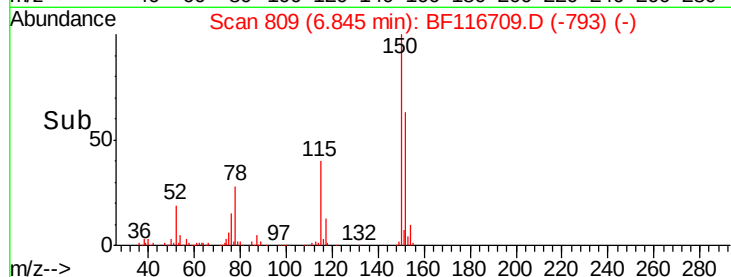
115 64.1 49.9 74.9



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: 100.224 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

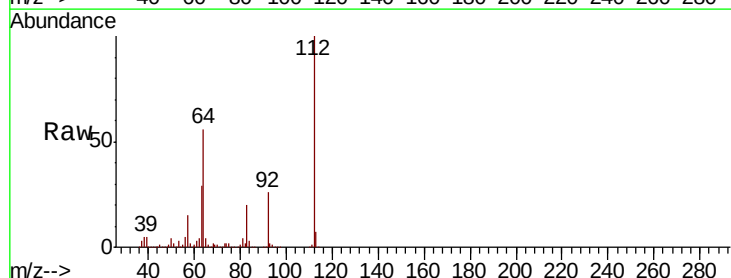
Tgt Ion:112 Resp: 658785

Ion Ratio Lower Upper

112 100

64 55.9 47.1 70.7

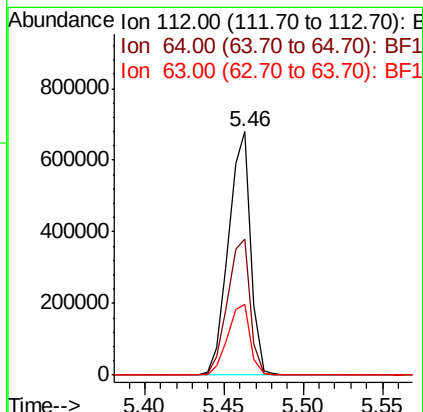
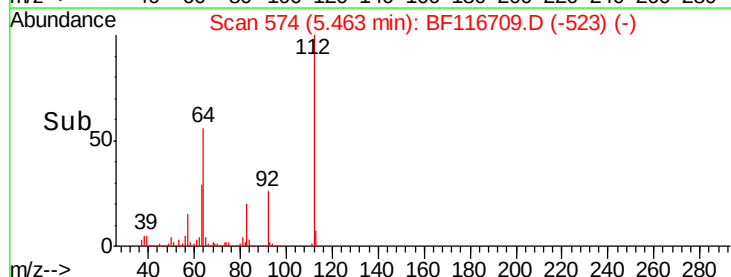
63 29.1 24.9 37.3

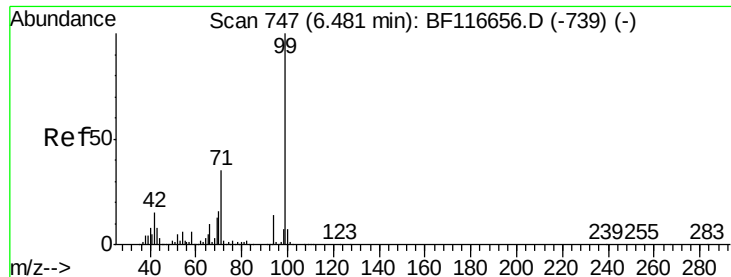


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.748 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

Instrument :

BNA_F

ClientSampled :

TP3-COMP

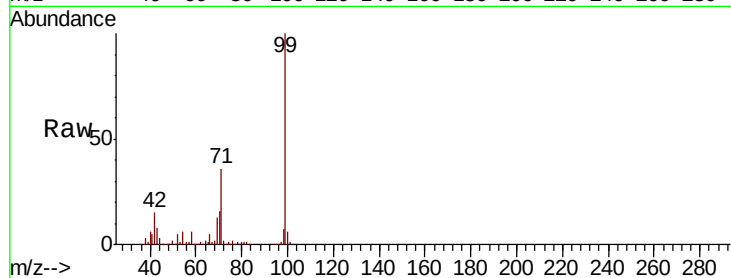
Tot Ion: 99 Resp: 904105

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

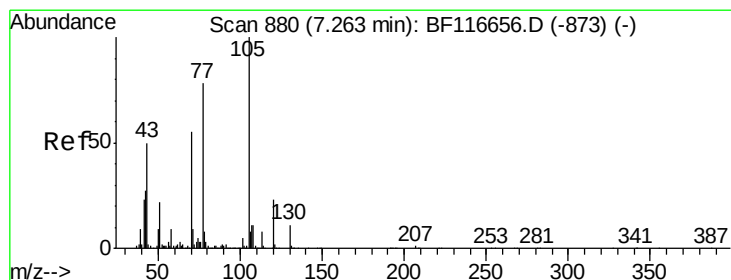
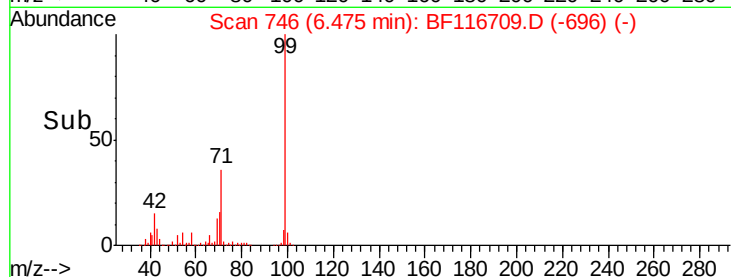
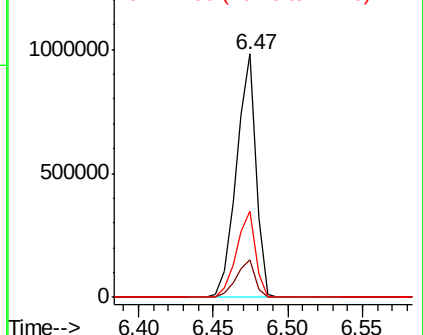
71 35.6 30.8 46.2



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: 12.566 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

Tgt Ion: 70 Resp: 71411

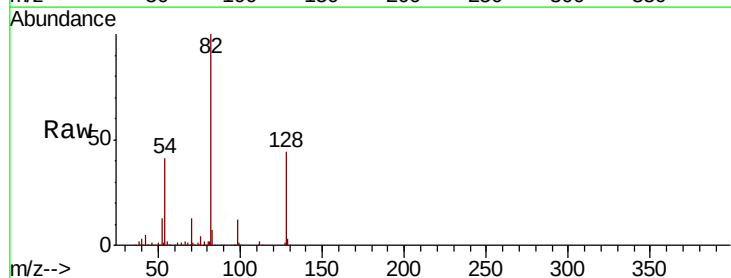
Ion Ratio Lower Upper

70 100

42 36.7 43.5 65.3#

101 0.0 7.8 11.6#

130 2.0 16.6 24.8#

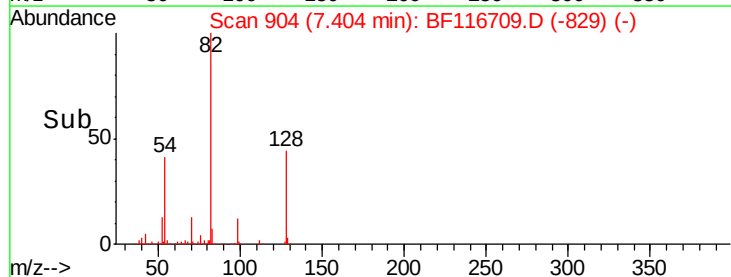
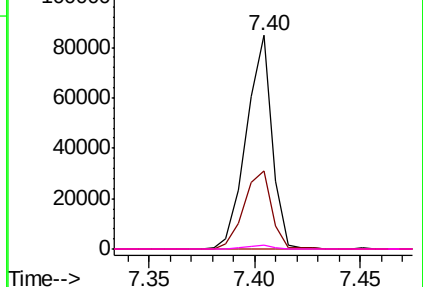


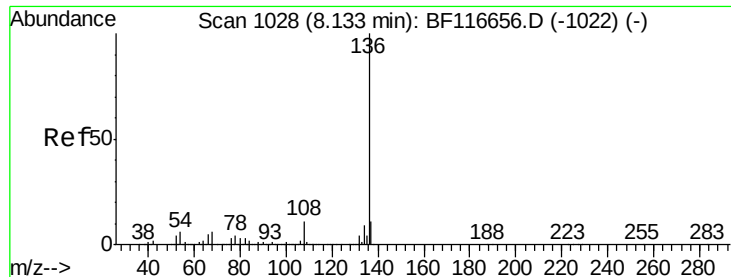
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

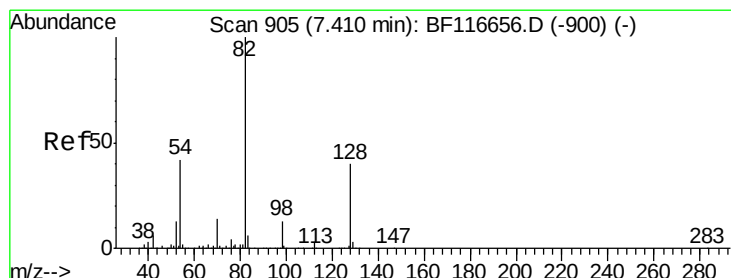
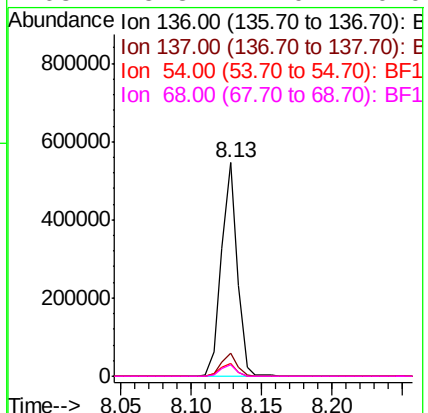
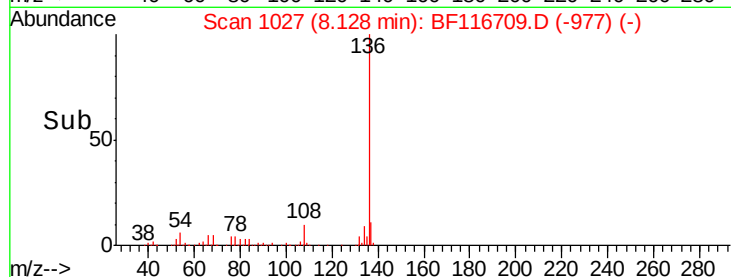
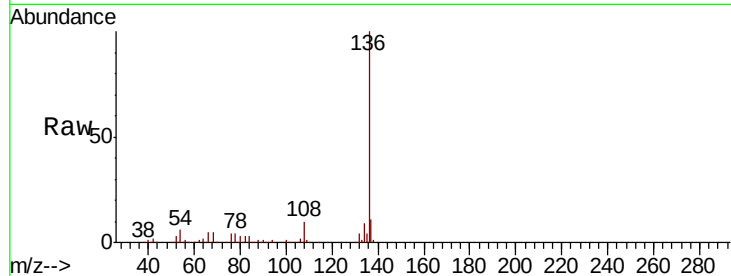




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116709.D
Acq: 31 Aug 2019 19:44

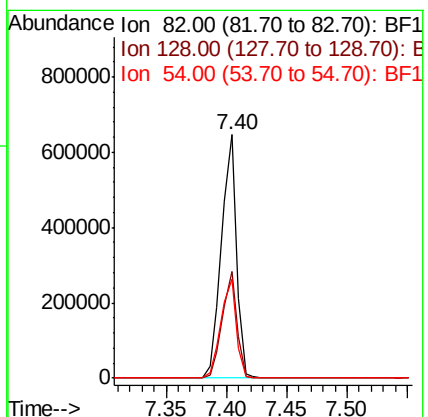
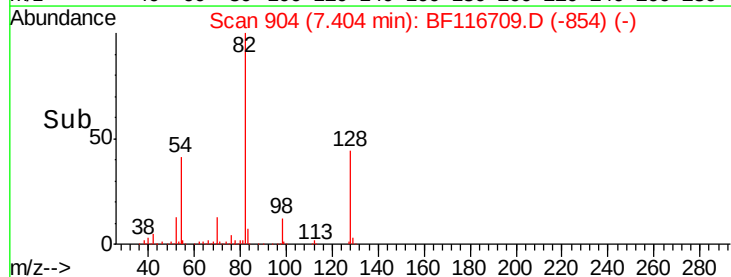
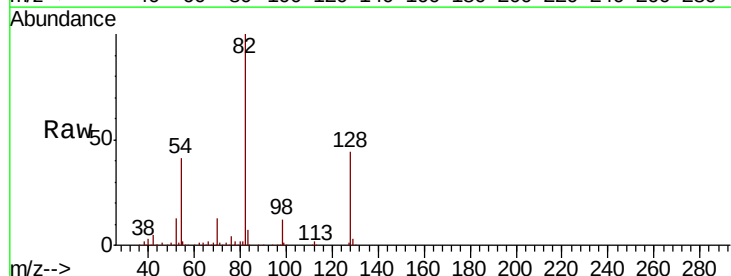
Instrument :
BNA_F
ClientSampleId :
TP3-COMP

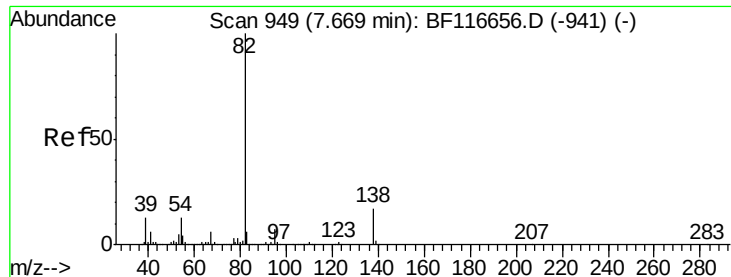
Tot Ion:136	Resp:	427052
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 6.2	4.8	7.2
68 5.3	4.0	6.0



#23
Nitrobenzene-d5
Concen: 74.252 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116709.D
Acq: 31 Aug 2019 19:44

Tgt Ion	82	Resp: Lower	555454 Upper
	Ratio 100		
128	43.9	32.8	49.2
54	40.9	36.9	55.3





#25

Isophorone

Concen: 36.643 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

Instrument :

BNA_F

ClientSampleId :

TP3-COMP

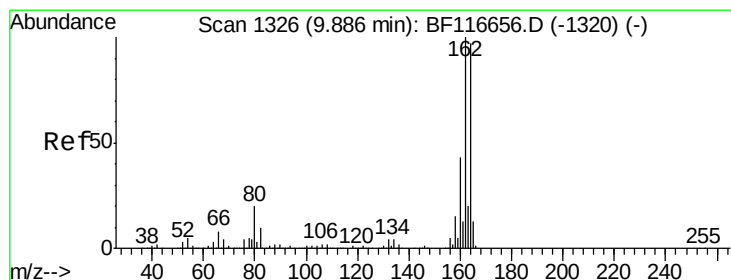
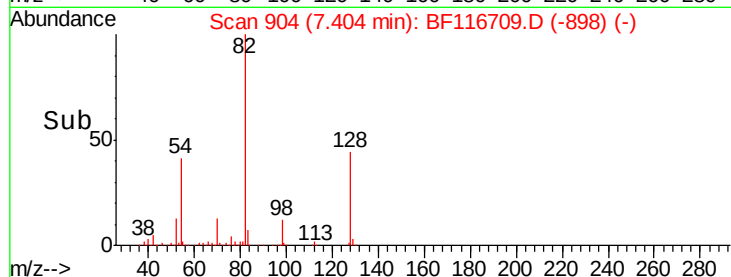
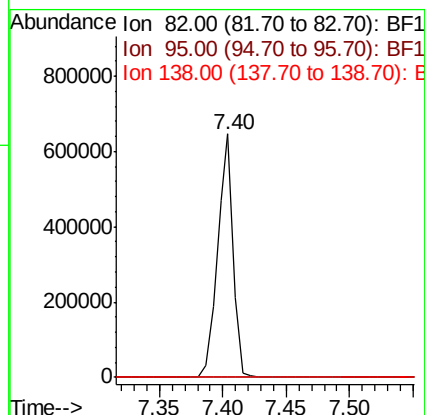
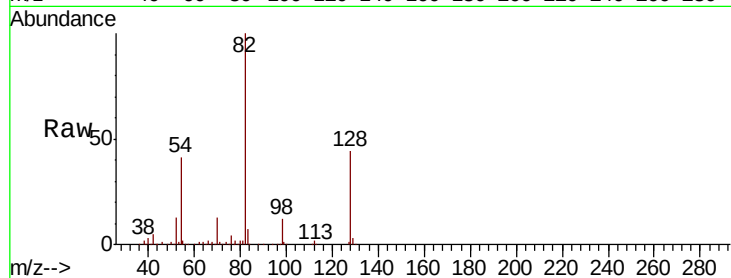
Tot Ion: 82 Resp: 555450

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

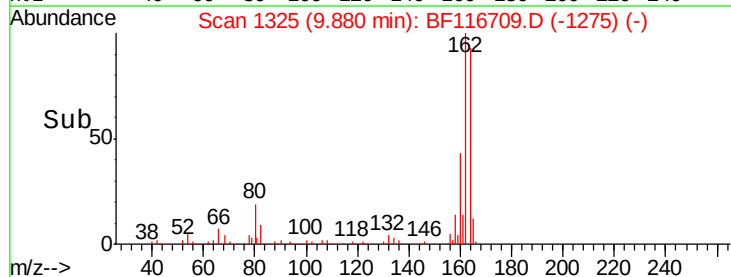
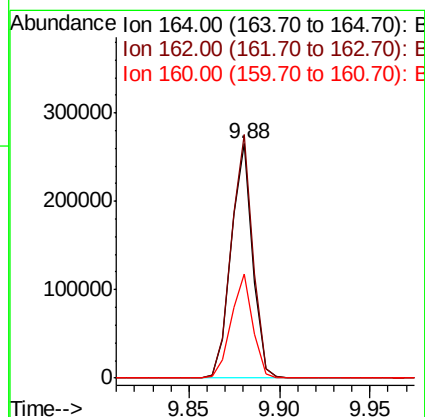
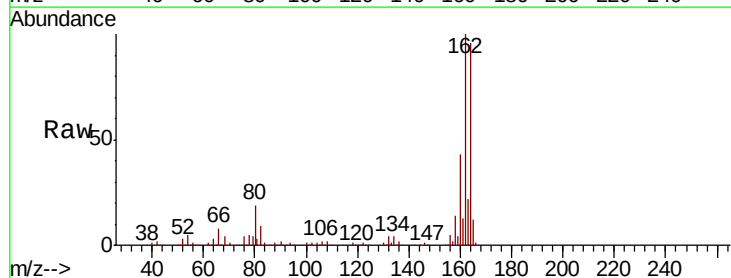
Tgt Ion:164 Resp: 219668

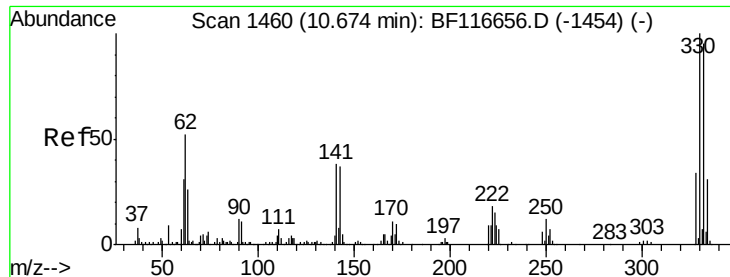
Ion Ratio Lower Upper

164 100

162 103.8 81.4 122.0

160 44.6 35.4 53.2

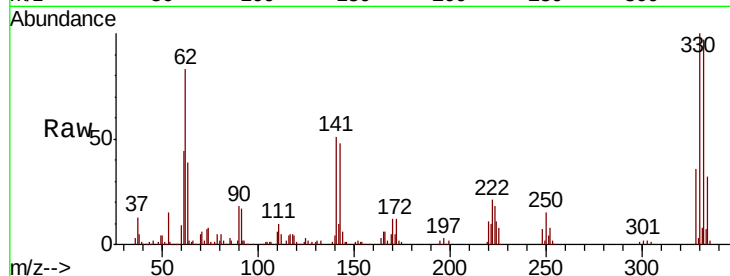




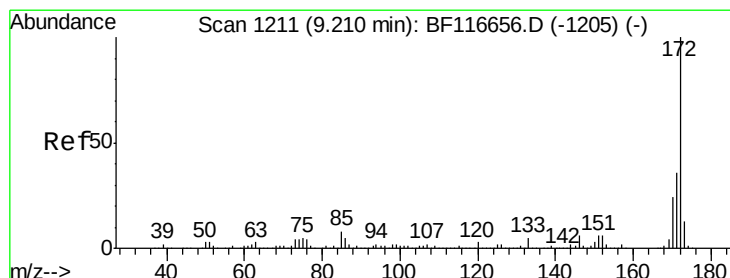
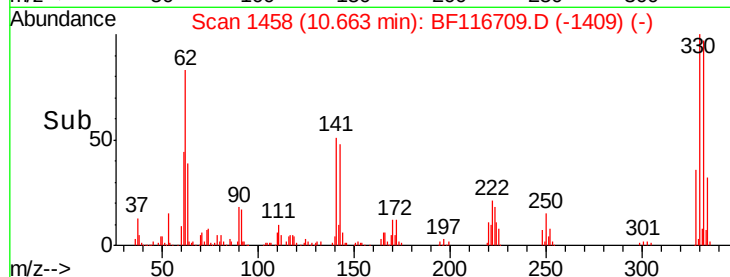
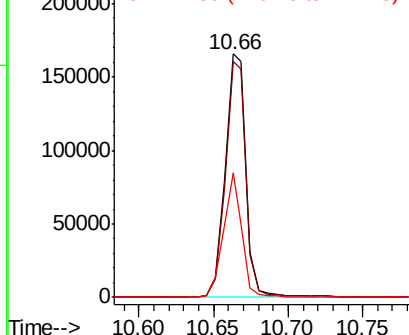
#42
 2,4,6-Tribromophenol
 Concen: 111.766 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116709.D
 Acq: 31 Aug 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :
 TP3-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	45.0	31.4	47.2

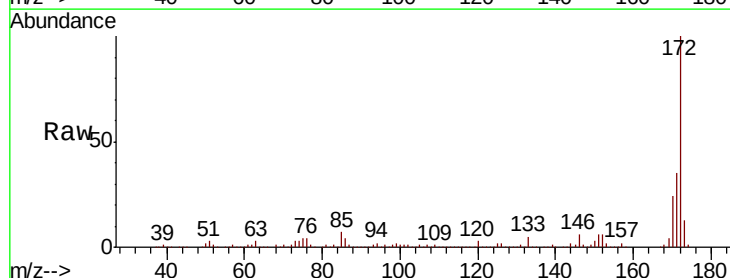


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

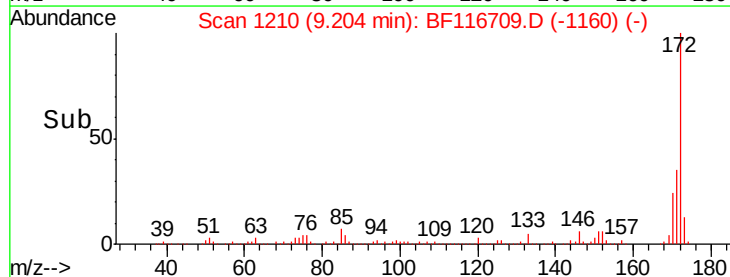
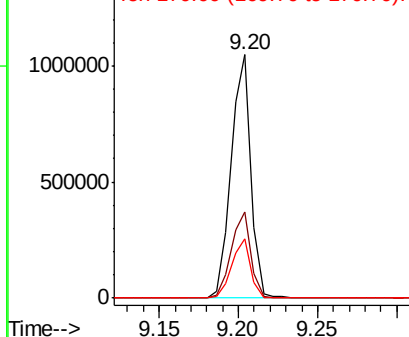


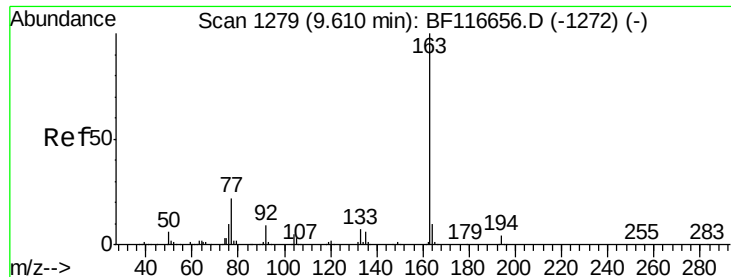
#45
 2-Fluorobiphenyl
 Concen: 69.231 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116709.D
 Acq: 31 Aug 2019 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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





#50

Dimethylphthalate

Concen: 6.099 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

Instrument :

BNA_F

ClientSampleId :

TP3-COMP

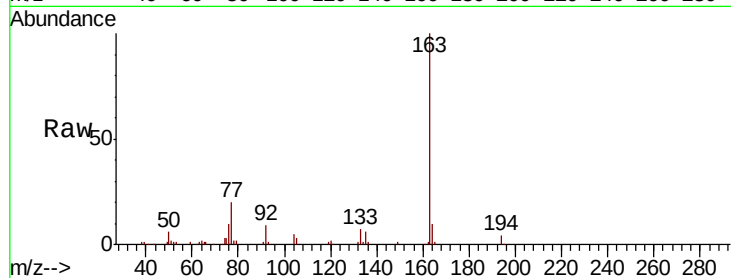
Tot Ion:163 Resp: 92495

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

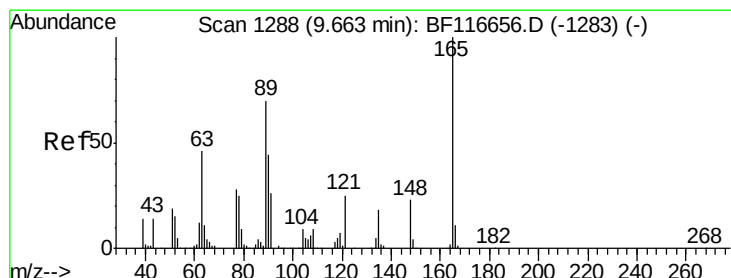
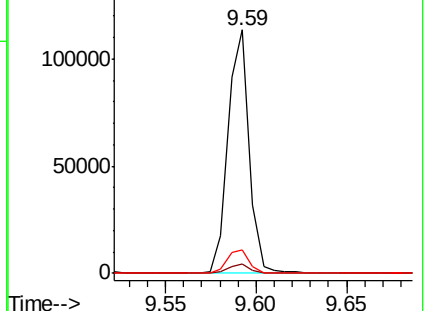
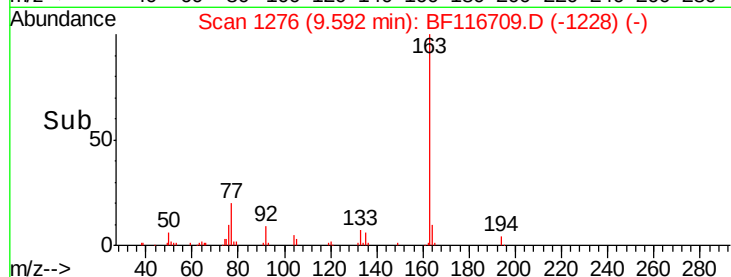
164 9.8 8.6 12.8



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: 9.732 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.22 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

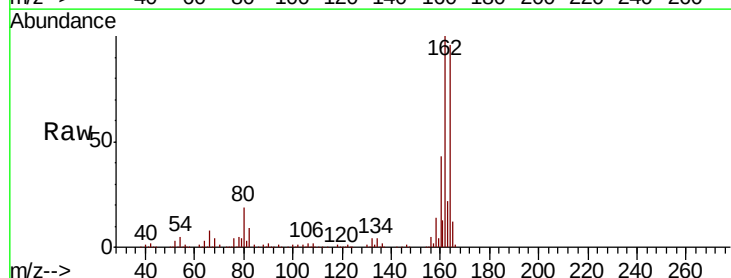
Tgt Ion:165 Resp: 28161

Ion Ratio Lower Upper

165 100

63 1.1 47.3 70.9#

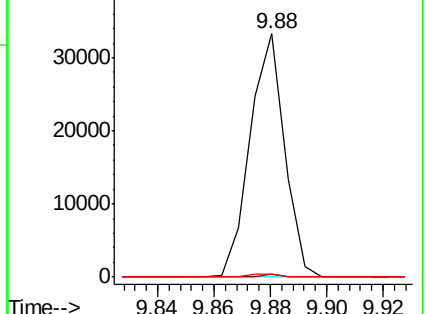
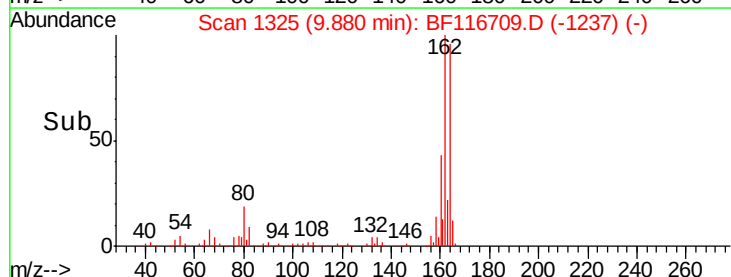
89 1.4 52.5 78.7#

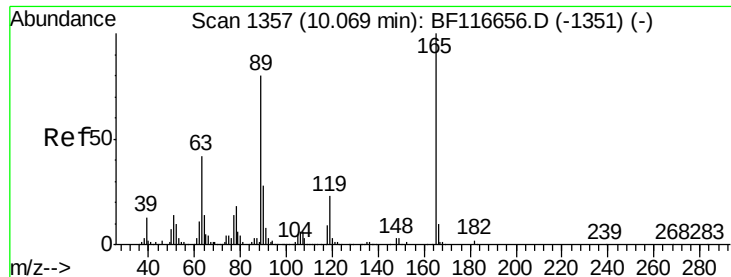


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

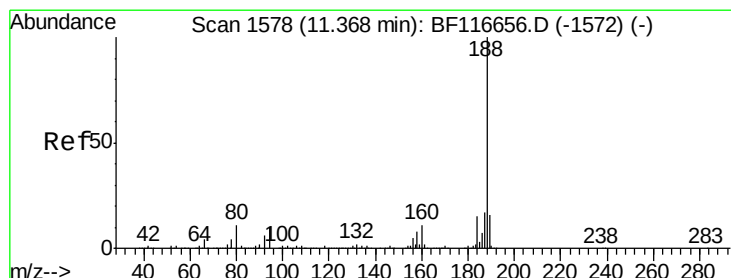
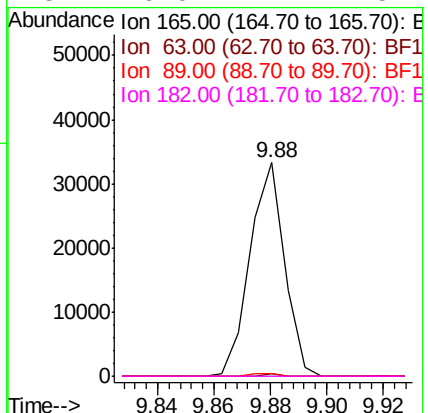
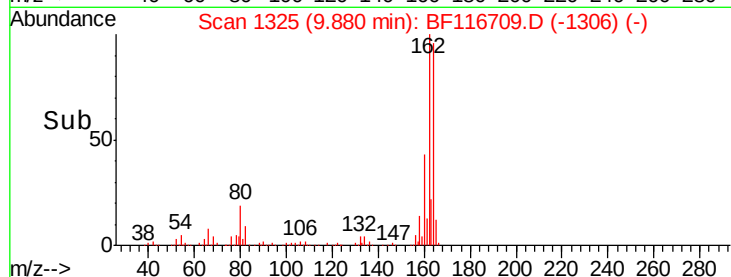
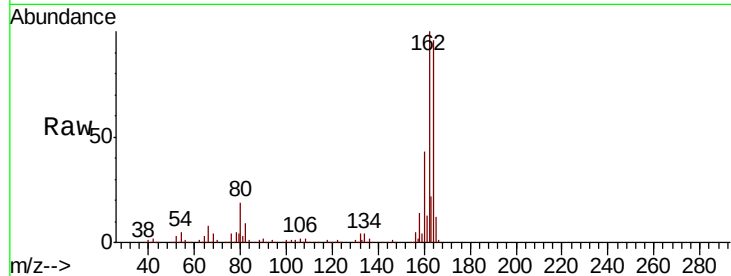




#57
2,4-Dinitrotoluene
Concen: 7.959 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116709.D
Acq: 31 Aug 2019 19:44

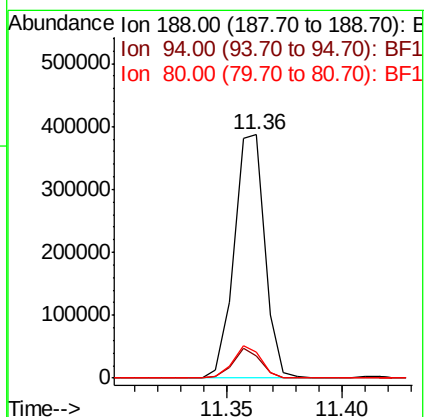
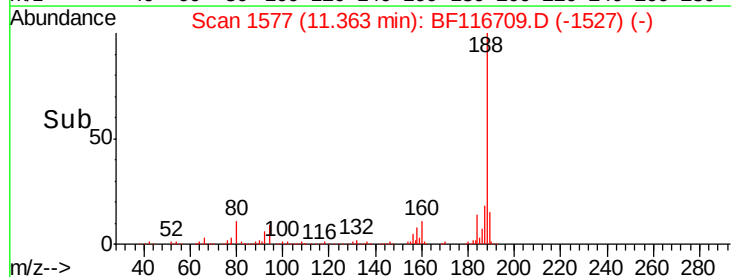
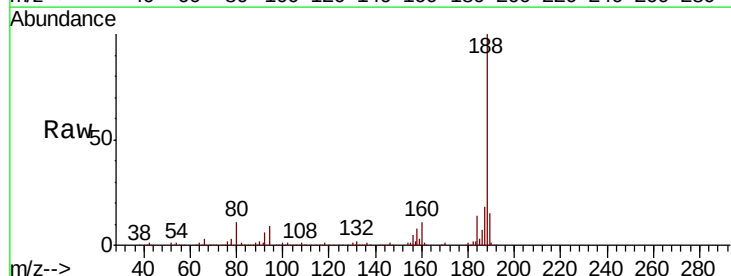
Instrument :
BNA_F
ClientSampleId :
TP3-COMP

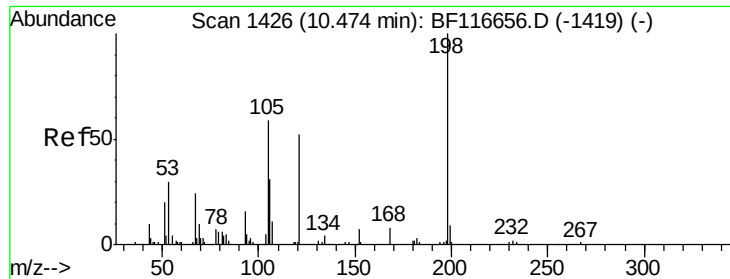
Tot Ion:	165	Resp:	28161
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116709.D
Acq: 31 Aug 2019 19:44

Tgt Ion:	188	Resp:	358981
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	10.6	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.665 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

Instrument :

BNA_F

ClientSampleId :

TP3-COMP

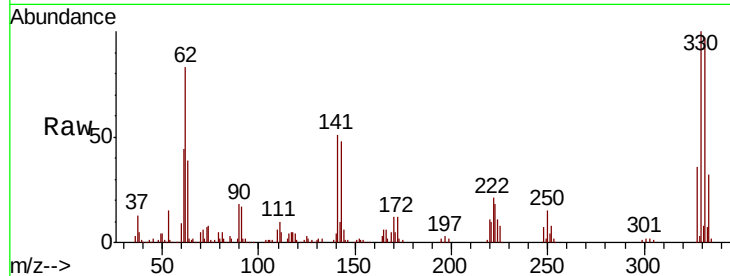
Tot Ion:198 Resp: 334

Ion Ratio Lower Upper

198 100

51 209.8 18.4 58.4#

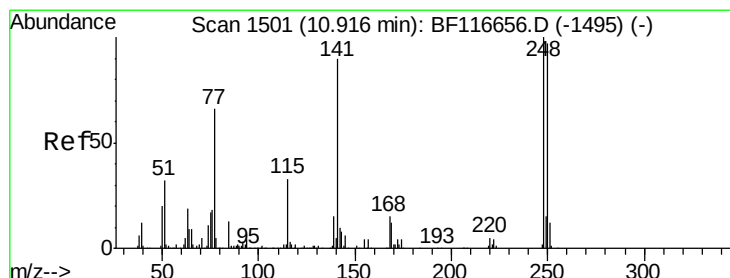
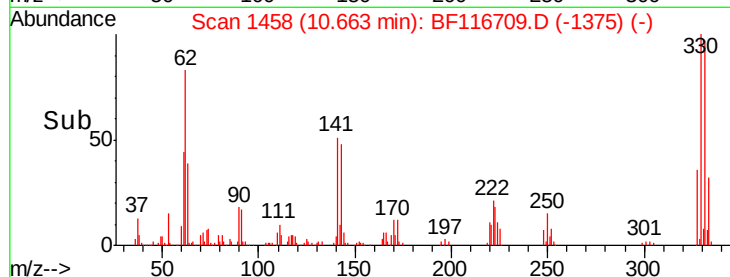
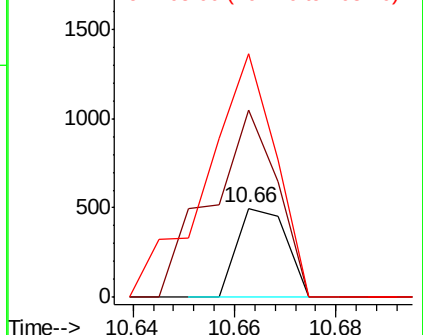
105 273.5 22.9 62.9#



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: 2.974 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

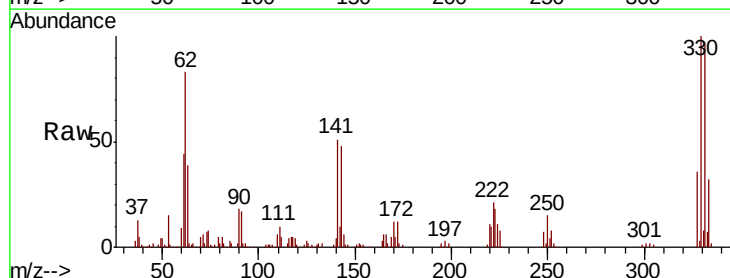
Tgt Ion:248 Resp: 10846

Ion Ratio Lower Upper

248 100

250 207.4 77.8 116.8#

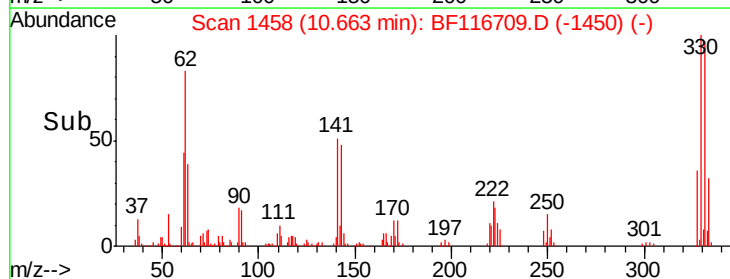
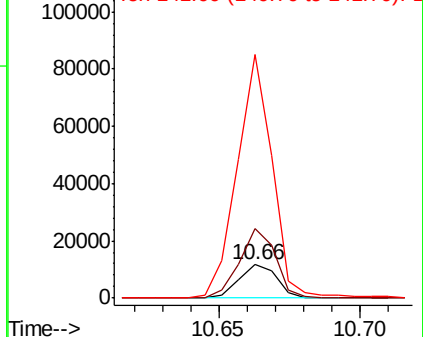
141 730.8 75.9 113.9#

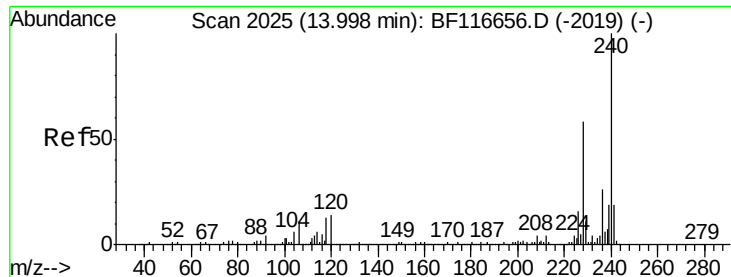


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2023

Delta R.T. -0.01 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

Instrument :

BNA_F

ClientSampleId :

TP3-COMP

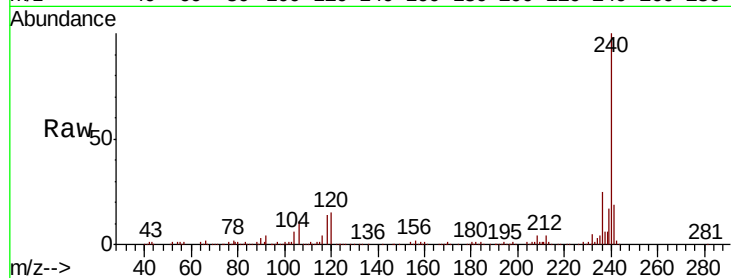
Tot Ion:240 Resp: 230228

Ion Ratio Lower Upper

240 100

120 15.1 9.1 13.7#

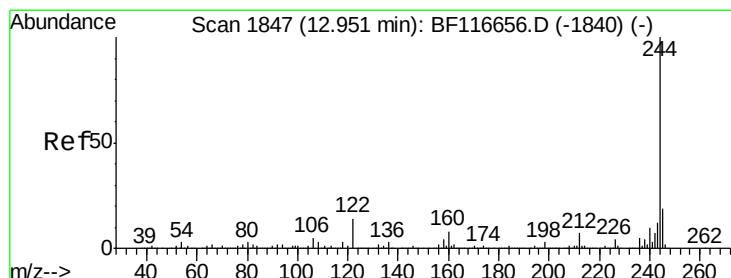
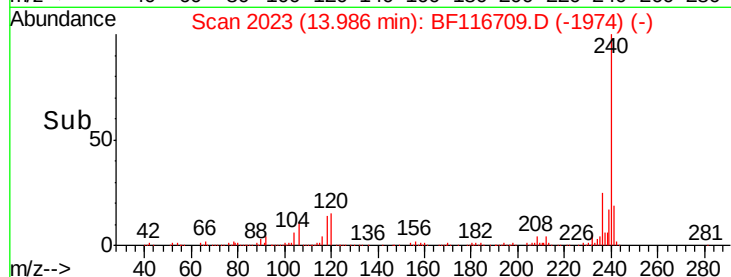
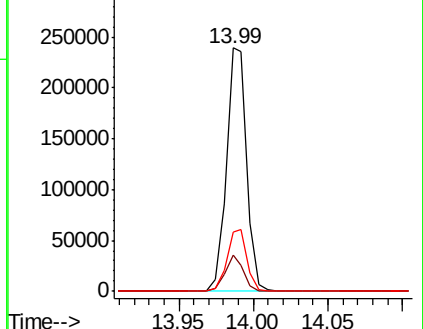
236 24.6 21.1 31.7



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: 65.501 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116709.D

Acq: 31 Aug 2019 19:44

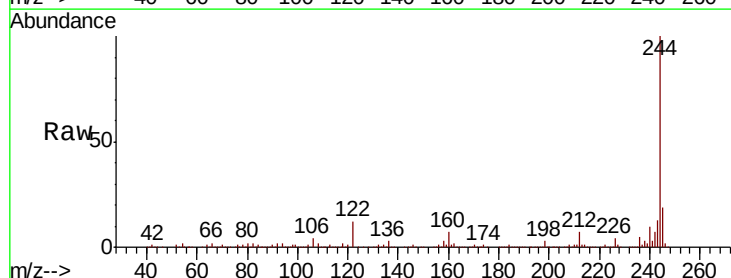
Tgt Ion:244 Resp: 815172

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

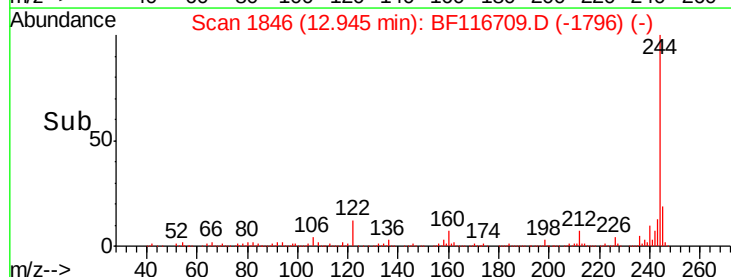
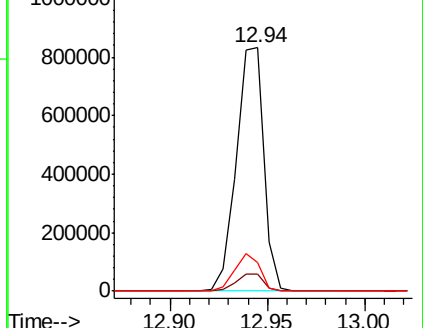
122 11.8 10.2 15.4

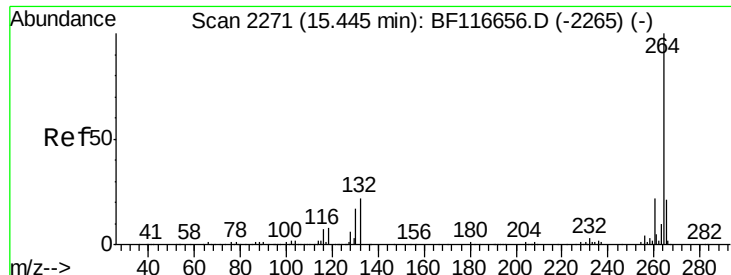


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116709.D
Acq: 31 Aug 2019 19:44

Instrument :
BNA_F
ClientSampleId :
TP3-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.9	16.5	24.7

