

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116706.D
 Acq On : 31 Aug 2019 18:22
 Operator : HP/JU
 Sample : K4619-36
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP12-COMP

Quant Time: Sep 01 00:44:12 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

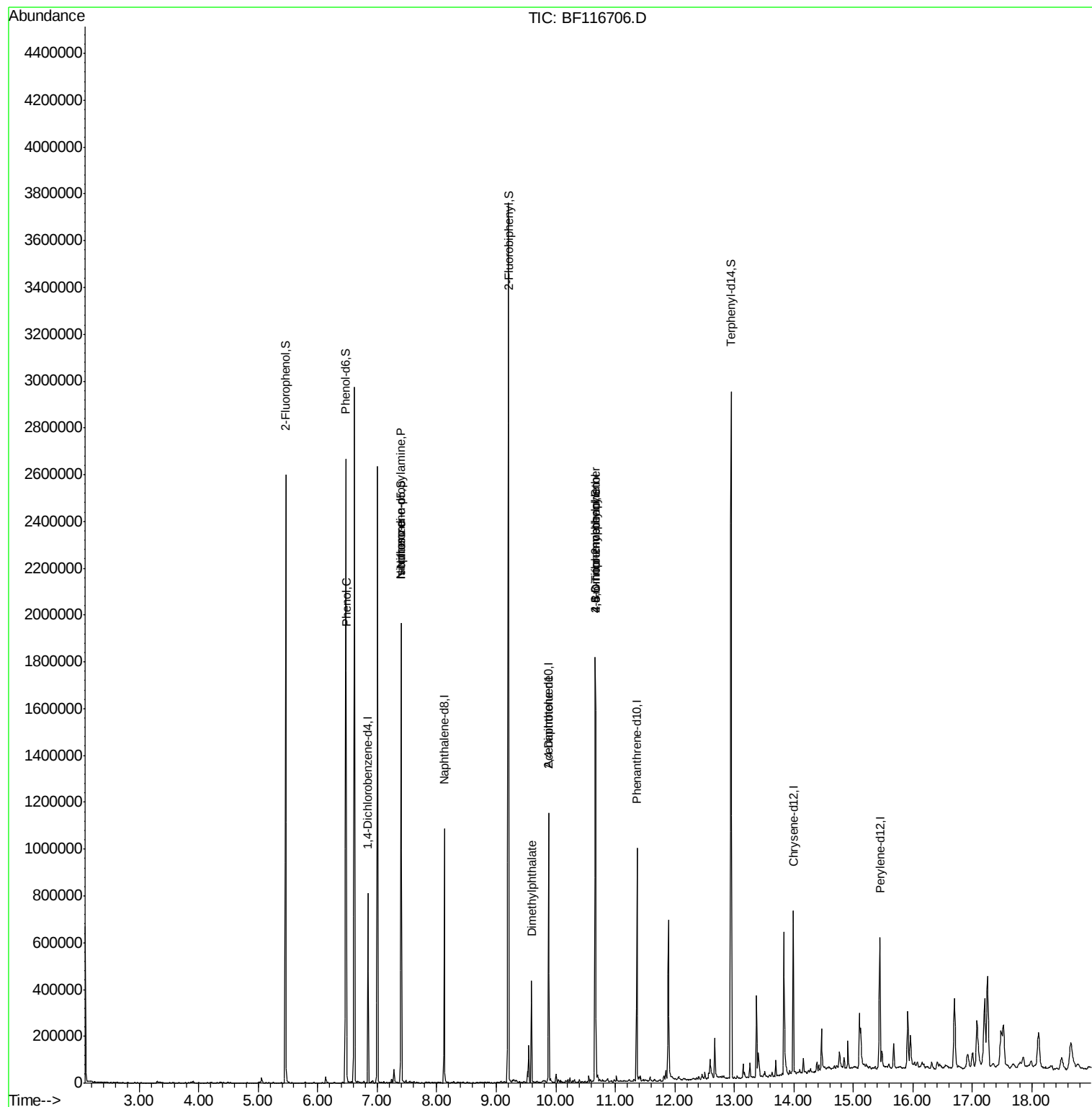
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	109493	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	424637	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	221583	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	355131	20.00	ng	0.00
76) Chrysene-d12	13.99	240	219839	20.00	ng	0.00
87) Perylene-d12	15.44	264	242954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	734503	108.68	ng	0.00
7) Phenol-d6	6.47	99	1017348	114.63	ng	0.00
23) Nitrobenzene-d5	7.40	82	632979	85.10	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	187275	126.42	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1068972	81.38	ng	0.00
79) Terphenyl-d14	12.95	244	946816	79.67	ng	0.00
Target Compounds						
10) Phenol	6.49	94	25511	2.596	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	83838	14.347	ng	# 72
25) Isophorone	7.40	82	630839	41.853	ng	# 66
50) Dimethylphthalate	9.59	163	150987	9.870	ng	98
57) 2,4-Dinitrotoluene	9.88	165	28170	7.893	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	540	7.800	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	12543	3.477	ng	# 1

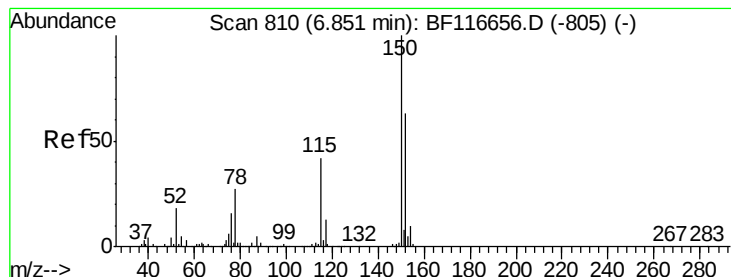
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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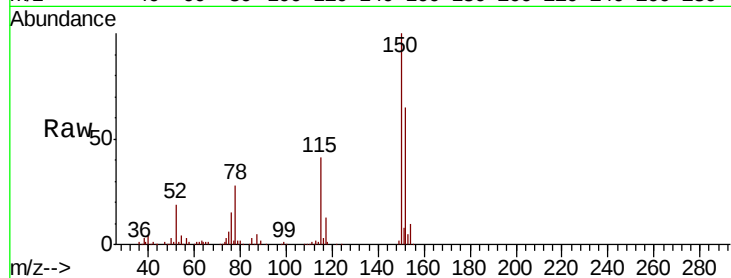


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
TP12-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.4	186.6
115	63.5	49.9	74.9

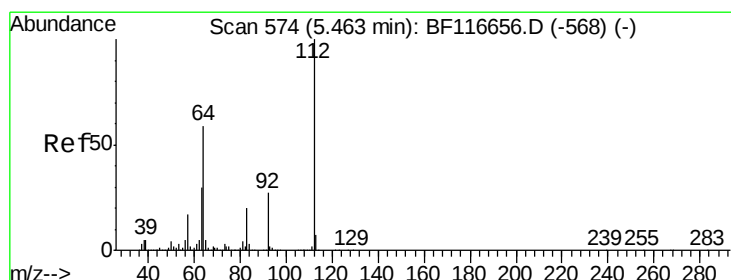
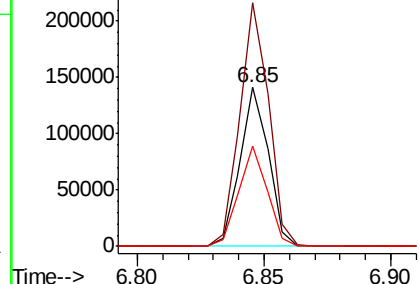
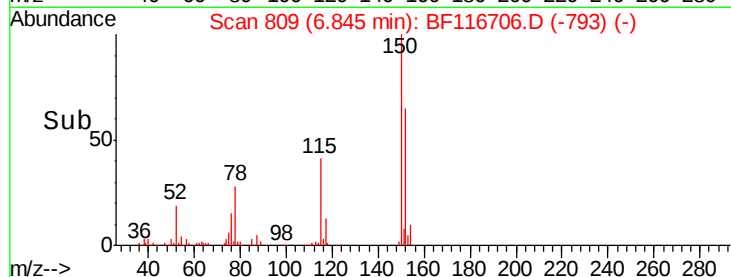


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

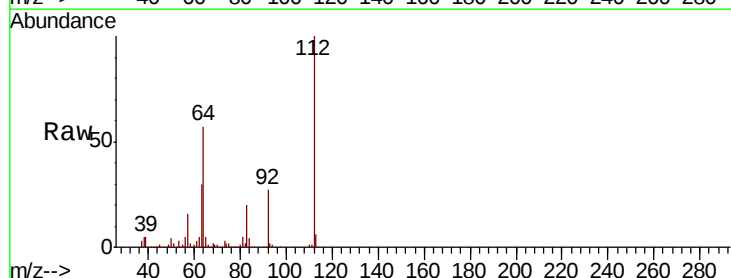
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.677 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	29.7	24.9	37.3

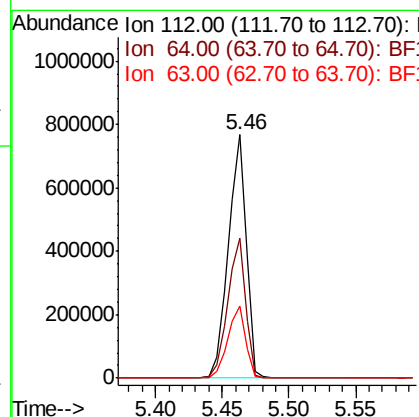
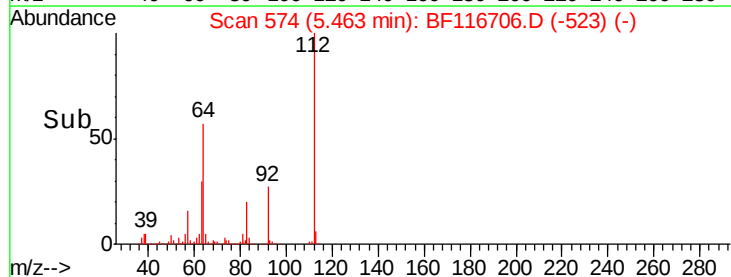


Abundance

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: 114.634 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116706.D

Acq: 31 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

TP12-COMP

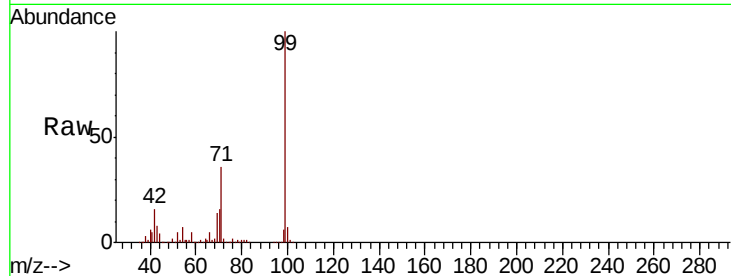
Tot Ion: 99 Resp: 1017348

Ion Ratio Lower Upper

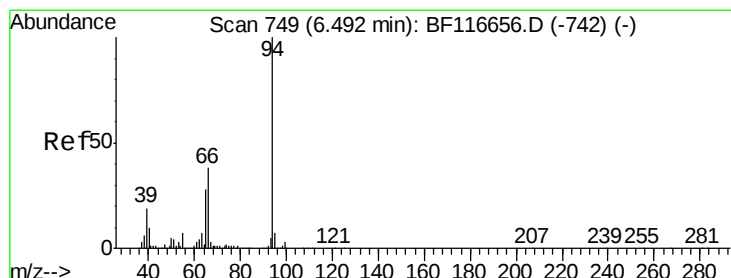
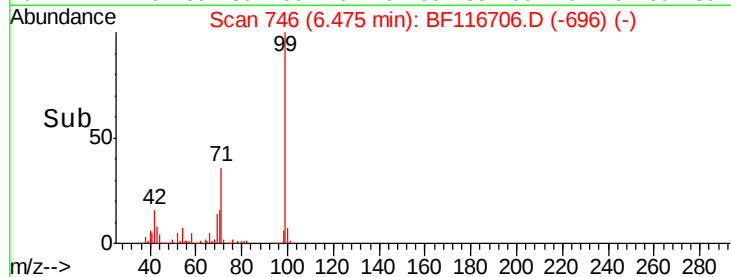
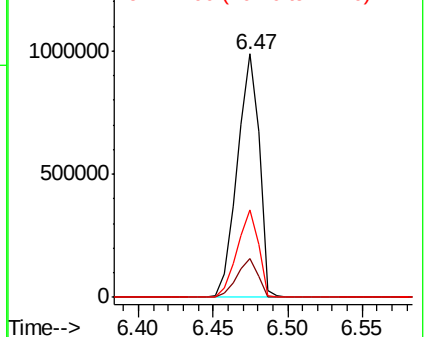
99 100

42 16.2 13.7 20.5

71 36.1 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



#10

Phenol

Concen: 2.596 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116706.D

Acq: 31 Aug 2019 18:22

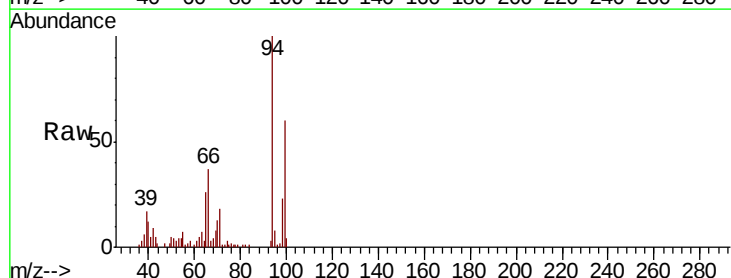
Tgt Ion: 94 Resp: 25511

Ion Ratio Lower Upper

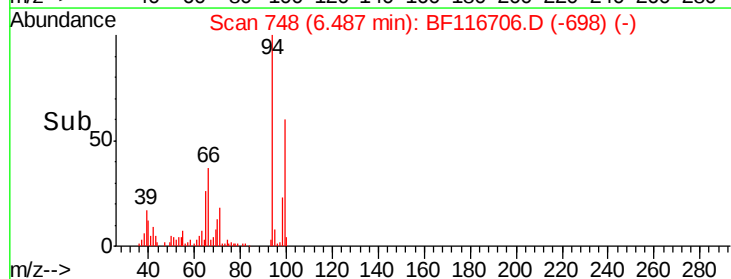
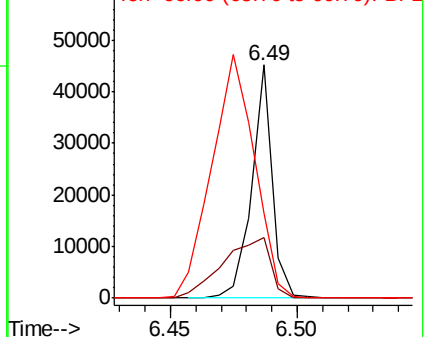
94 100

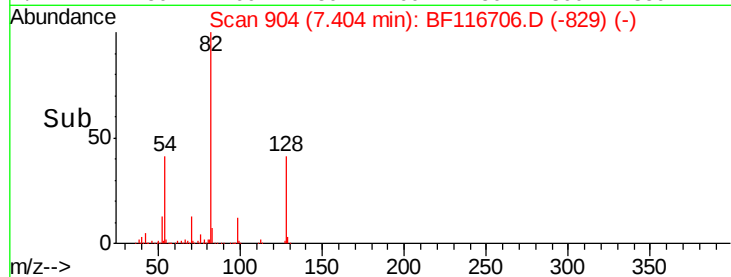
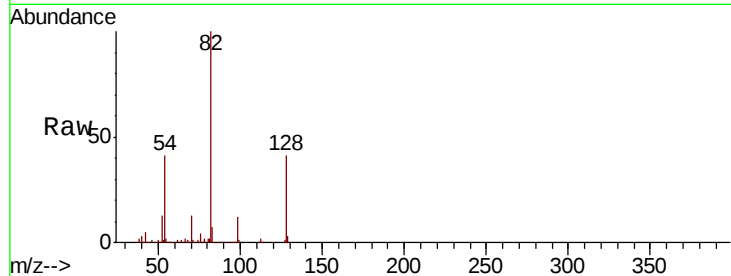
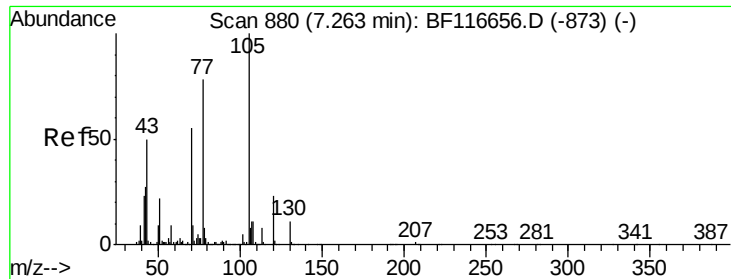
65 25.9 10.8 50.8

66 36.6 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

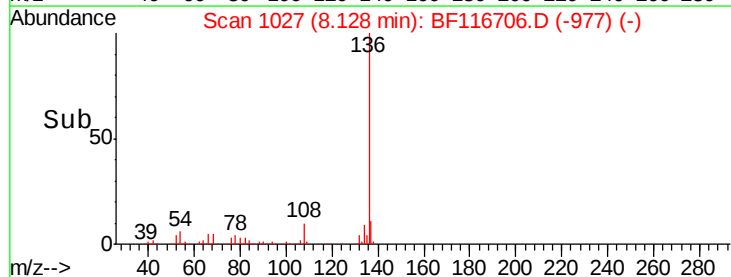
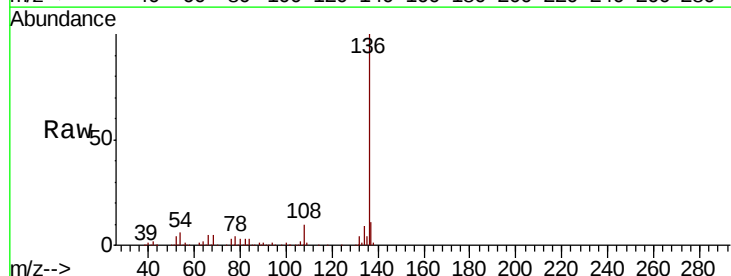
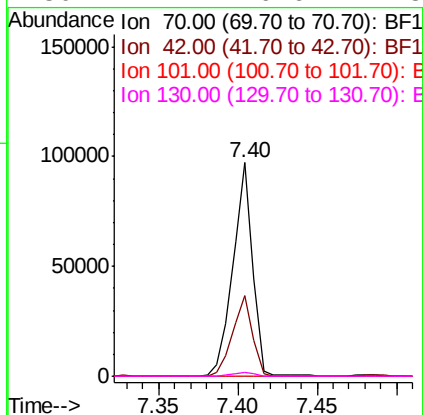




#19
n-Nitroso-di-n-propylamine
Concen: 14.347 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

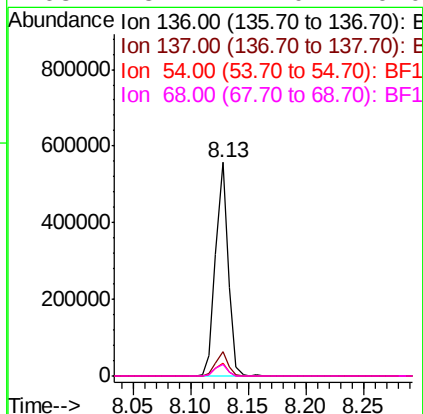
Instrument :
BNA_F
ClientSampleId :
TP12-COMP

Tot Ion:	70	Resp:	83838
Ion	Ratio	Lower	Upper
70	100		
42	37.7	43.5	65.3#
101	0.0	7.8	11.6#
130	2.1	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Tgt Ion:	136	Resp:	424637
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.1	4.8	7.2
68	5.2	4.0	6.0

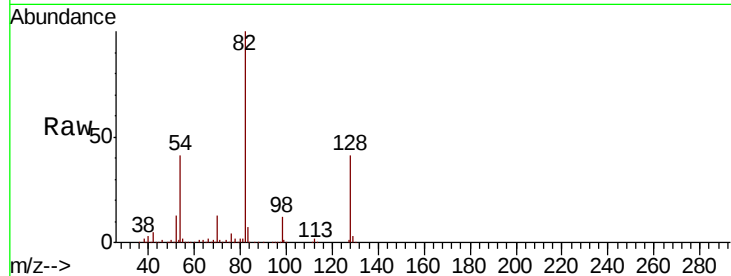




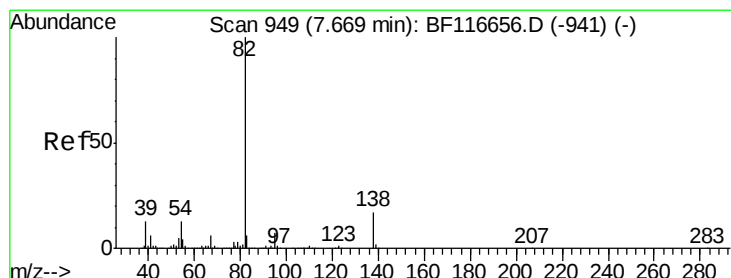
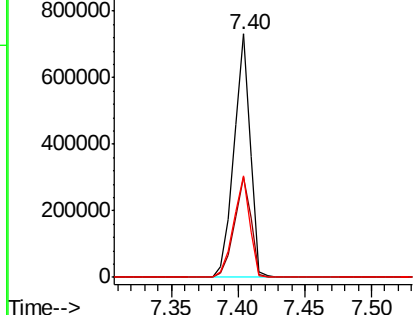
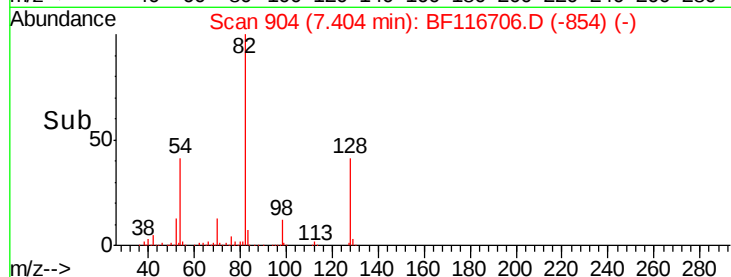
#23
Nitrobenzene-d5
Concen: 85.096 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
TP12-COMP

Tot Ion	82	Resp	632979
Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.8	49.2
54	41.5	36.9	55.3

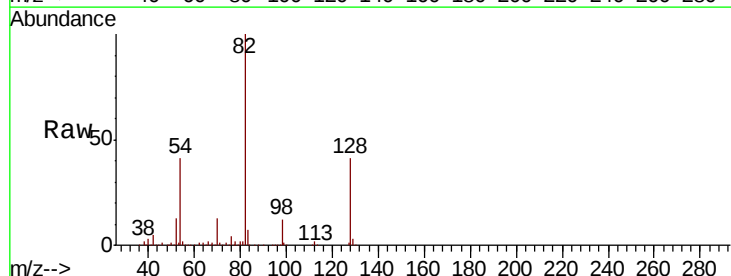


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

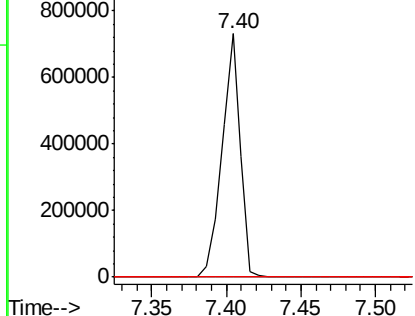
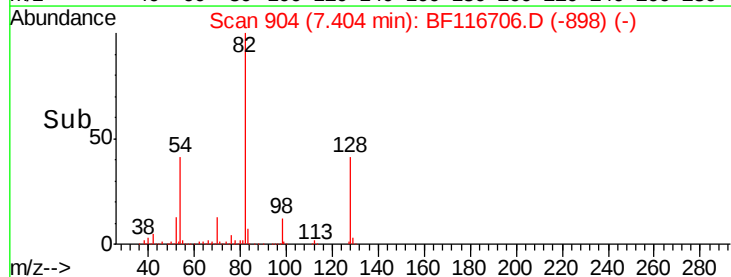


#25
Isophorone
Concen: 41.853 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Tgt Ion	82	Resp	630839
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

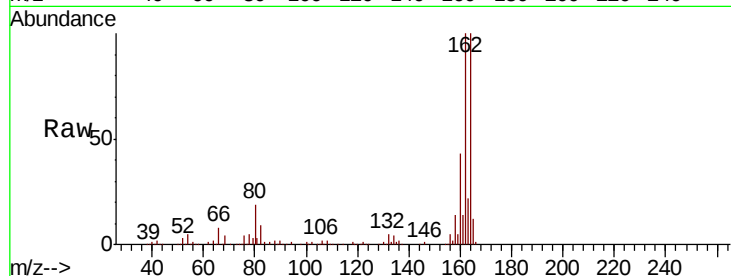




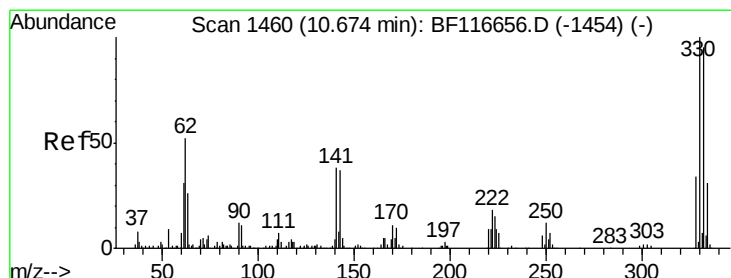
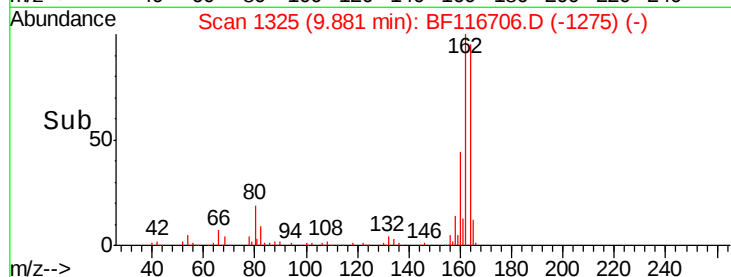
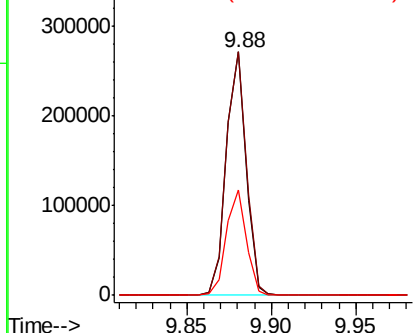
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
TP12-COMP

Tot Ion:164 Resp: 221583
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 43.4 35.4 53.2

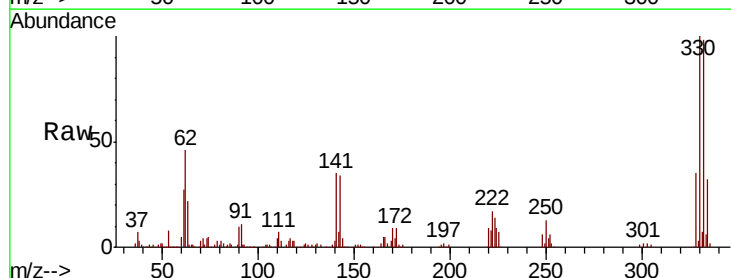


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

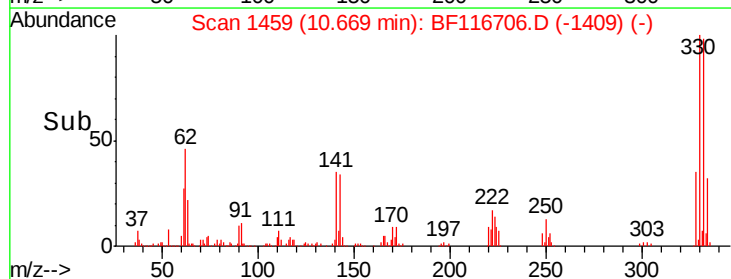
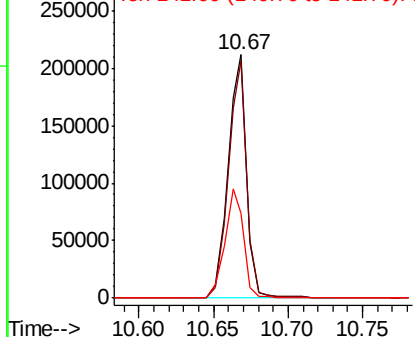


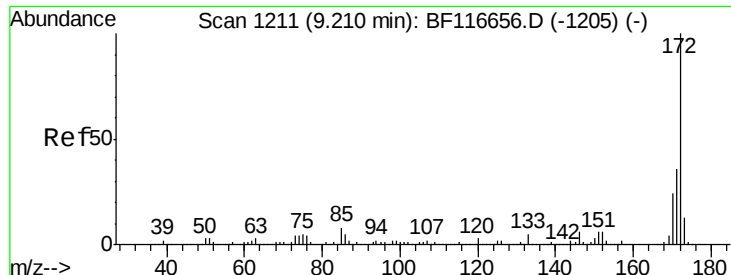
#42
2,4,6-Tribromophenol
Concen: 126.424 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Tgt Ion:330 Resp: 187275
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 45.2 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

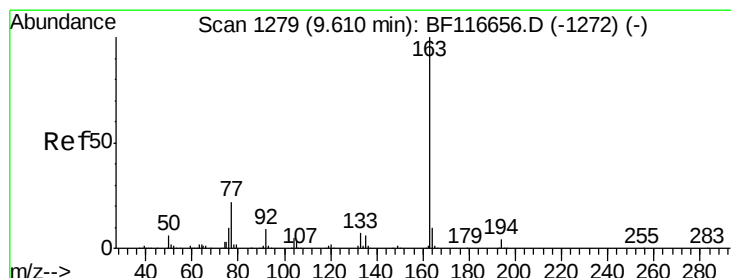
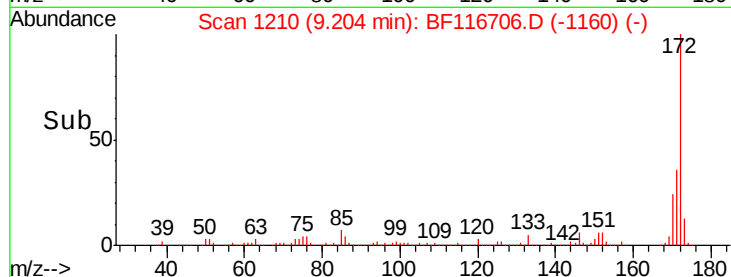
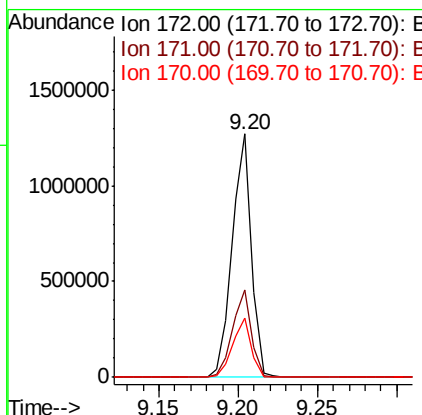
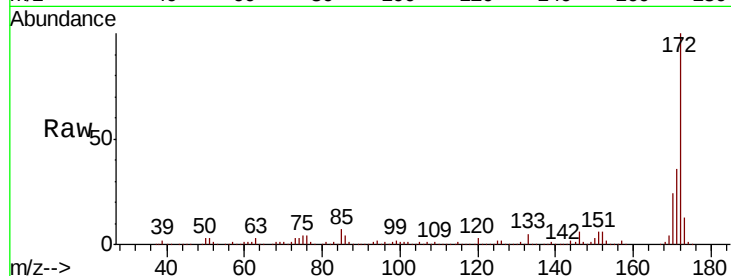




#45
2-Fluorobiphenyl
Concen: 81.380 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

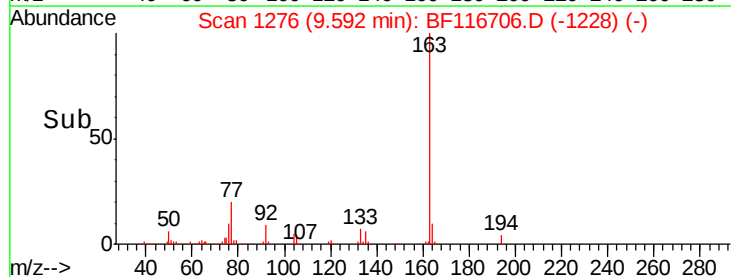
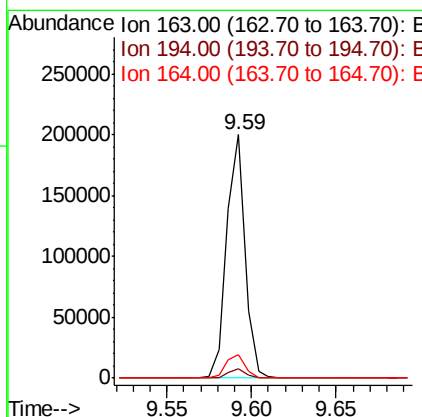
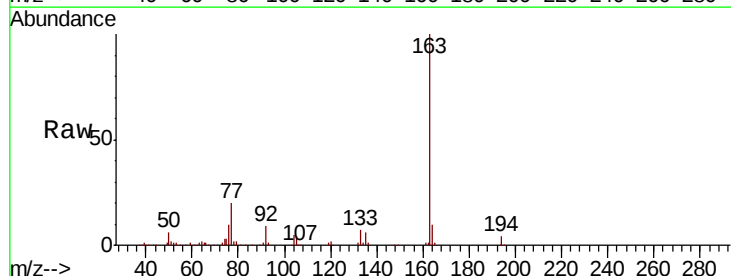
Instrument :
BNA_F
ClientSampleId :
TP12-COMP

Tot Ion:172 Resp: 1068972
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.1 18.9 28.3



#50
Dimethylphthalate
Concen: 9.870 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Tgt Ion:163 Resp: 150987
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.8 8.6 12.8





#57

2,4-Dinitrotoluene

Concen: 7.893 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116706.D

Acq: 31 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

TP12-COMP

Tot Ion:165 Resp: 28170

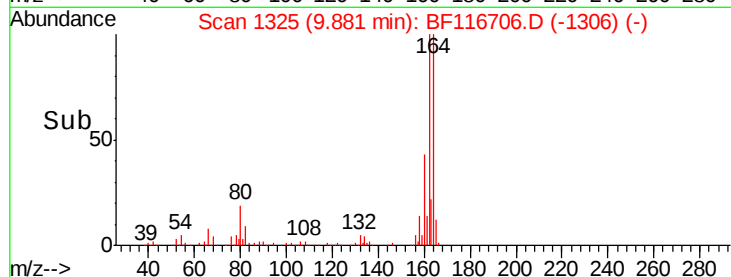
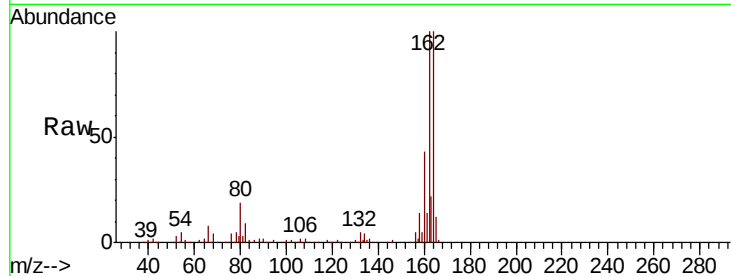
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.9 62.6 94.0#

182 0.0 2.1 3.1#

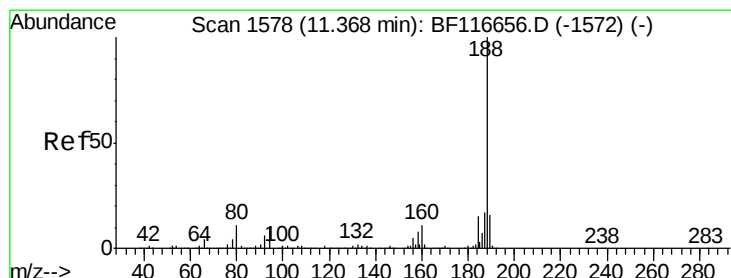
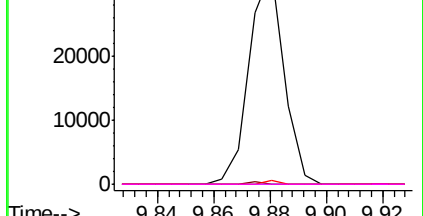


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF116706.D

Acq: 31 Aug 2019 18:22

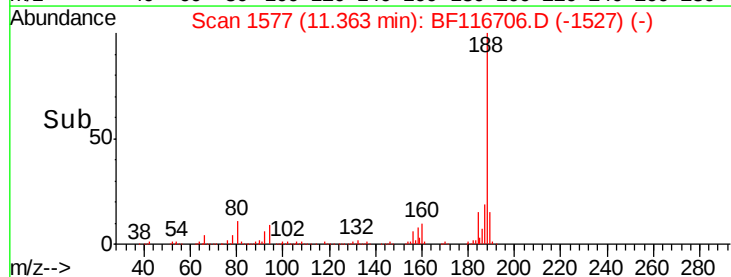
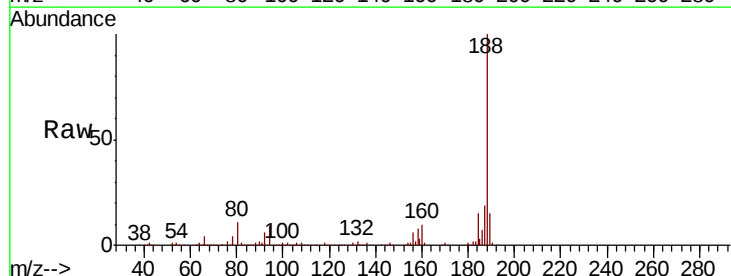
Tgt Ion:188 Resp: 355131

Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

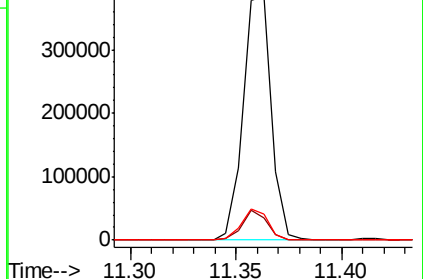
80 10.8 8.4 12.6

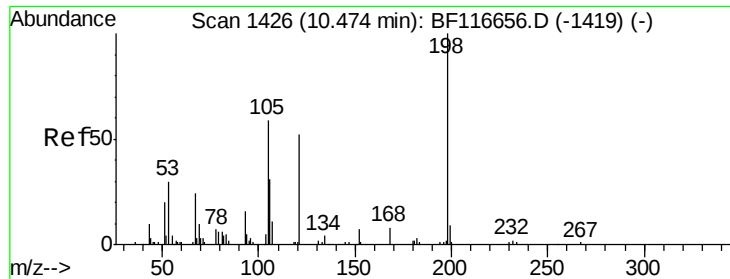


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.800 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116706.D

Acq: 31 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

TP12-COMP

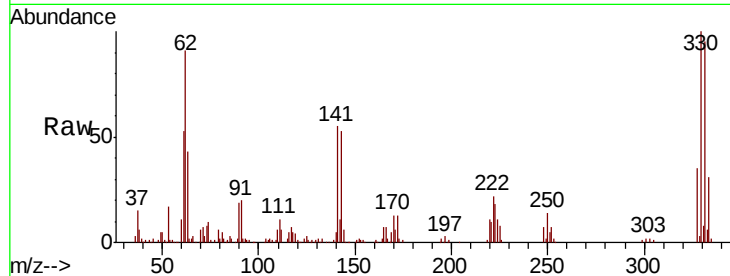
Tot Ion:198 Resp: 540

Ion Ratio Lower Upper

198 100

51 160.8 18.4 58.4#

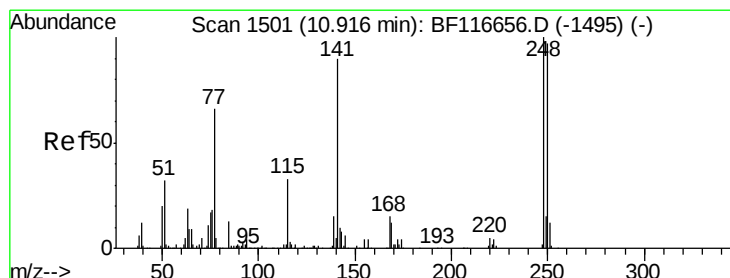
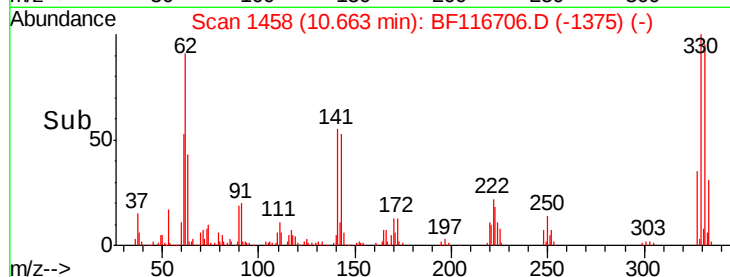
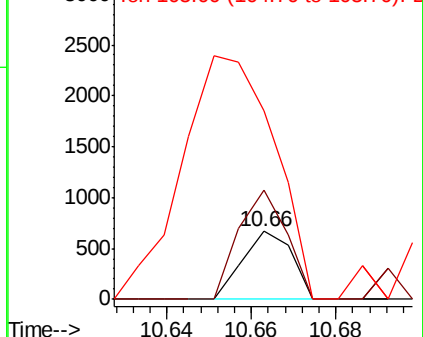
105 278.5 22.9 62.9#



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: 3.477 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF116706.D

Acq: 31 Aug 2019 18:22

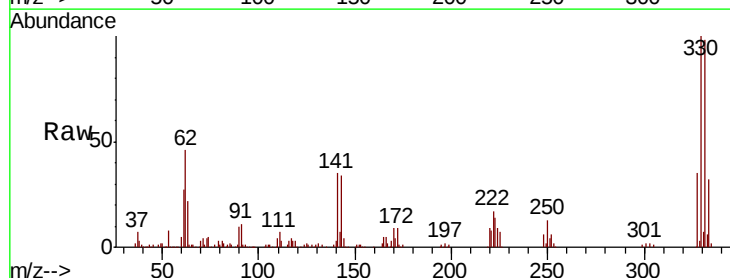
Tgt Ion:248 Resp: 12543

Ion Ratio Lower Upper

248 100

250 205.5 77.8 116.8#

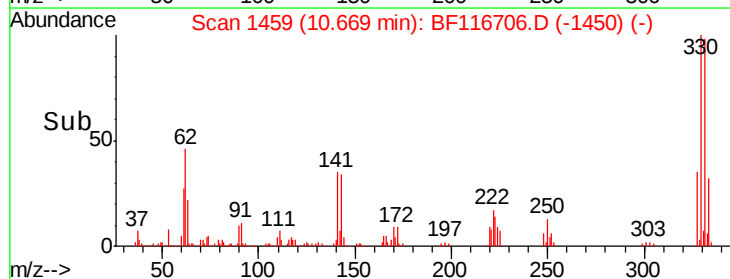
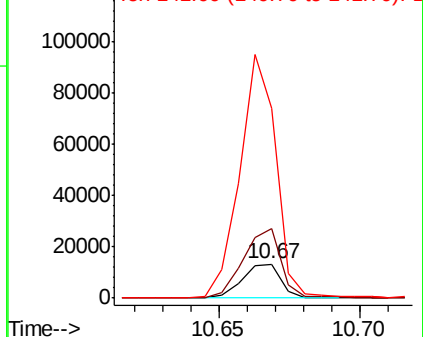
141 560.7 75.9 113.9#

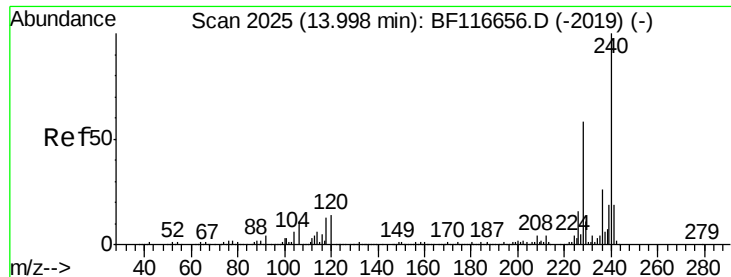


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

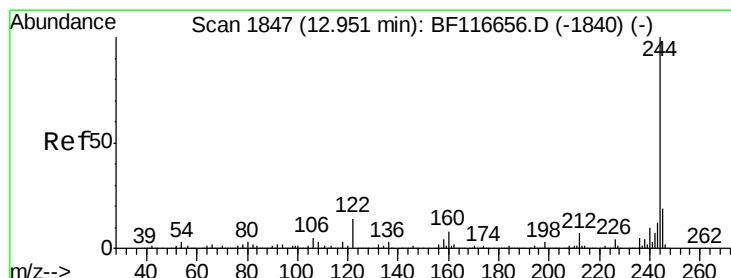
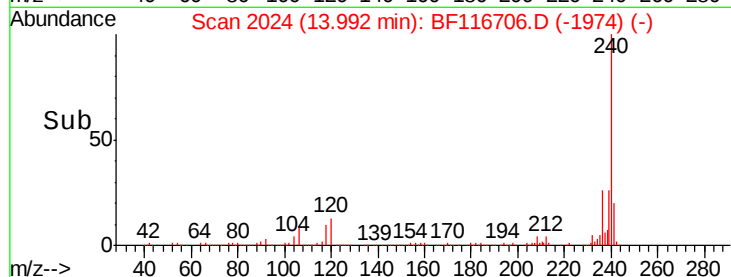
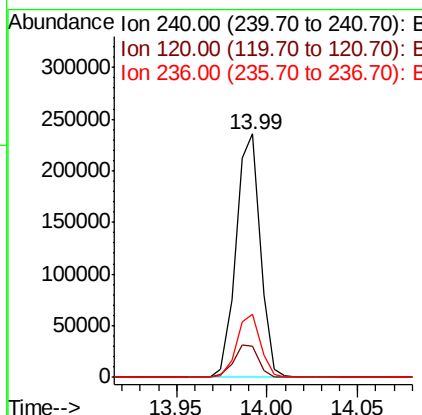
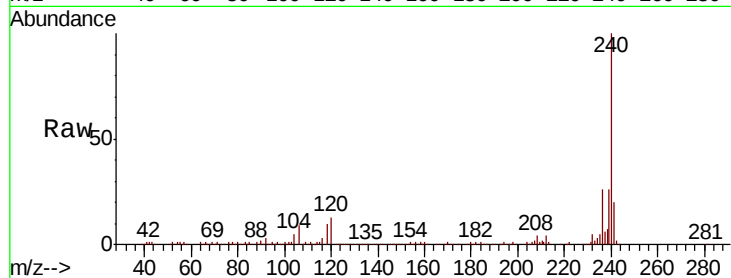




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

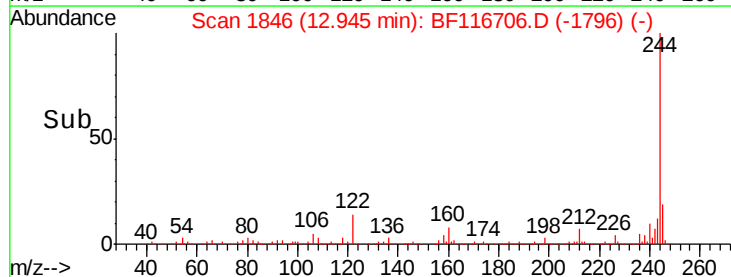
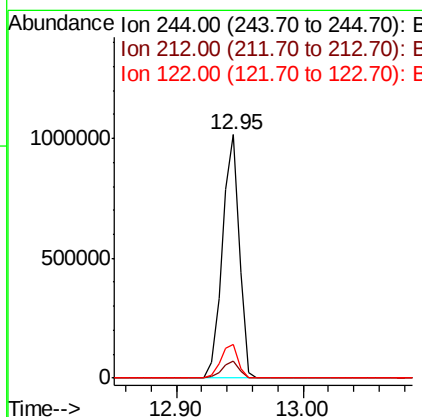
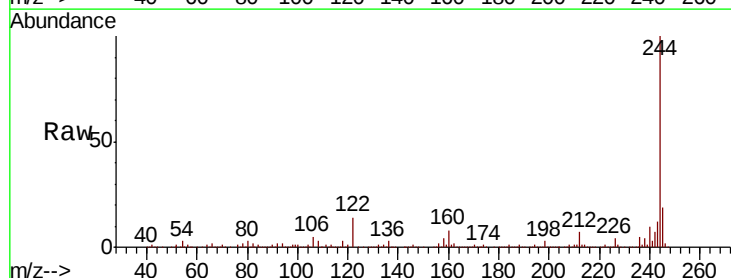
Instrument :
BNA_F
ClientSampleId :
TP12-COMP

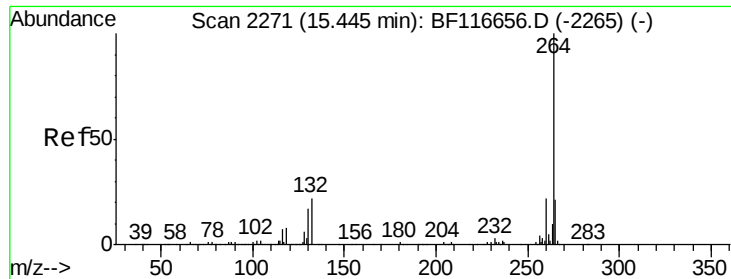
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.1	13.7
236	25.8	21.1	31.7



#79
Terphenyl-d14
Concen: 79.674 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116706.D
Acq: 31 Aug 2019 18:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	14.1	10.2	15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116706.D
 Acq: 31 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 TP12-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.4	16.5	24.7

