

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116802.D
 Acq On : 4 Sep 2019 5:27
 Operator : HP/JU
 Sample : K4643-39
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 06:09:25 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	140280	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	544463	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	282637	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	467086	20.00	ng	0.00
76) Chrysene-d12	13.99	240	245383	20.00	ng	0.00
87) Perylene-d12	15.44	264	317000	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	692627	79.99	ng	0.00
7) Phenol-d6	6.48	99	1180464	103.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	878835	92.15	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	277996	147.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1462273	87.27	ng	0.00
79) Terphenyl-d14	12.94	244	1406121	106.01	ng	0.00

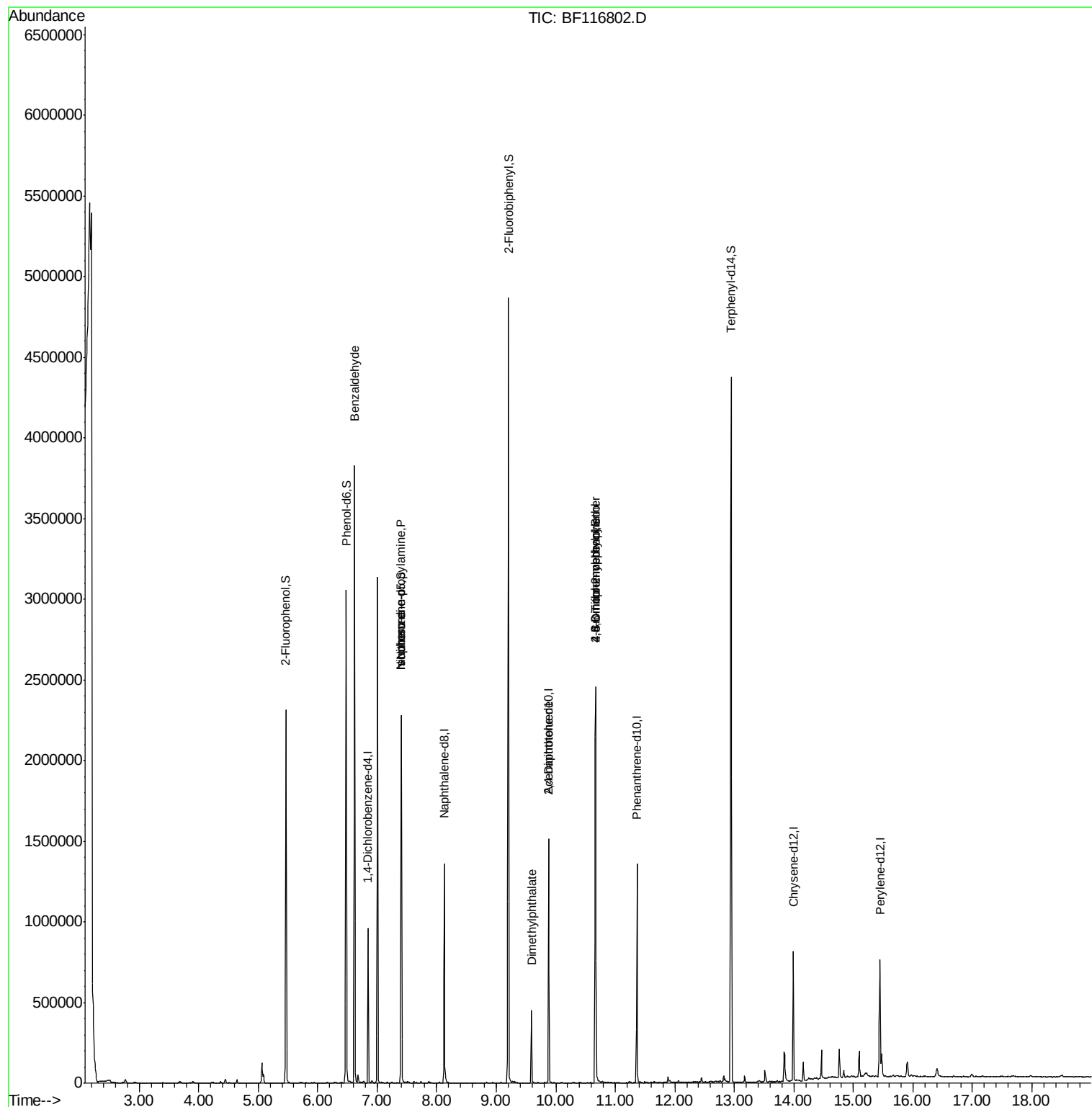
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	24653	3.291	ng	83
19) n-Nitroso-di-n-propylamine	7.40	70	115165	15.383	ng	# 72
25) Isophorone	7.40	82	878826	45.474	ng	# 66
50) Dimethylphthalate	9.59	163	177170	9.080	ng	98
57) 2,4-Dinitrotoluene	9.88	165	35609	7.822	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	519	7.706	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	17364	3.659	ng	# 1

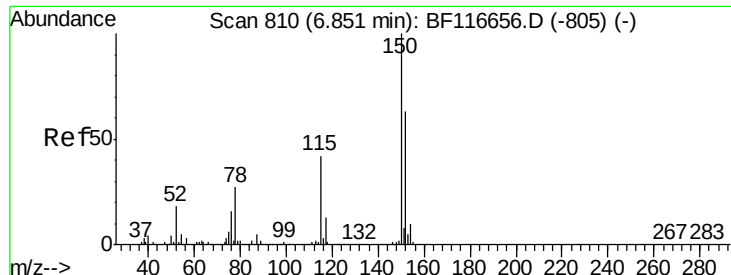
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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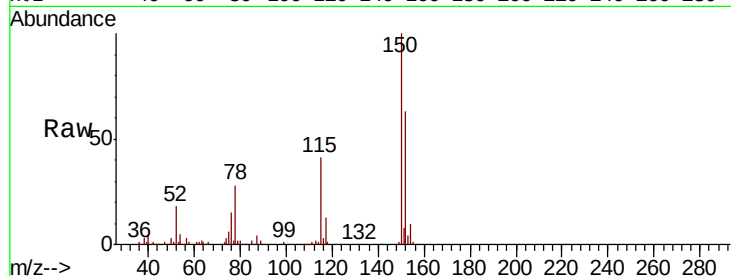


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	64.5	49.9	74.9

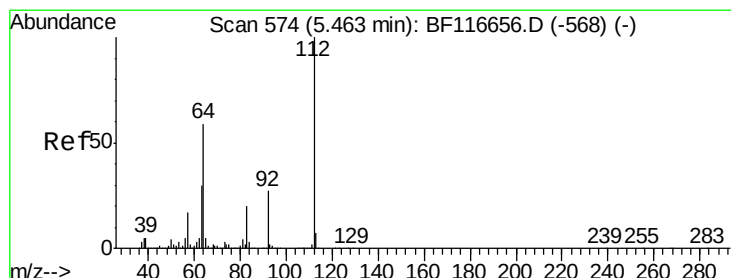
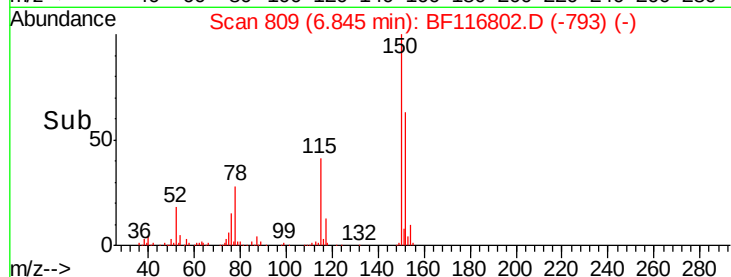
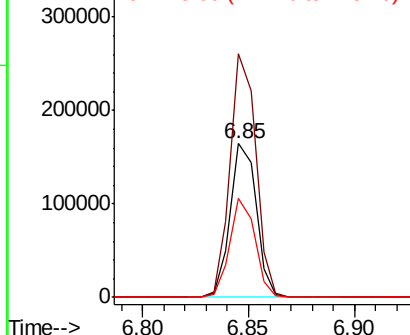


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

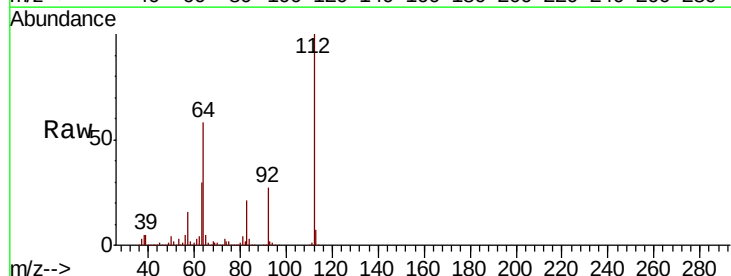
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.990 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.1	70.7
63	30.2	24.9	37.3

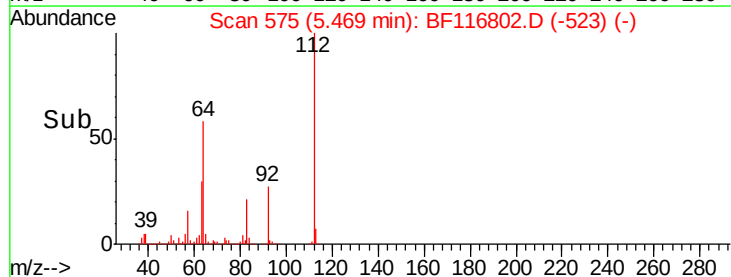
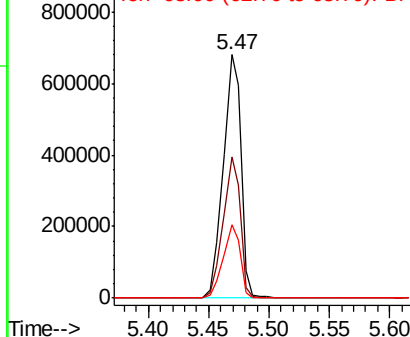


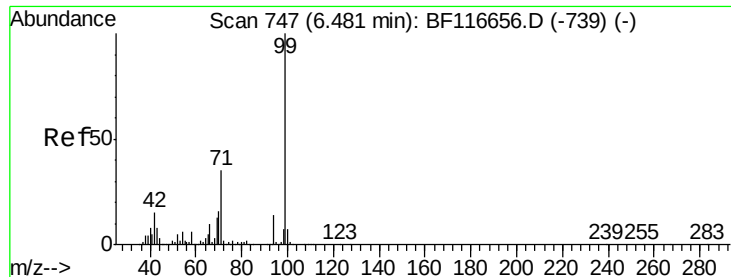
Abundance

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: 103.821 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

Instrument :

BNA_F

ClientSampleId :

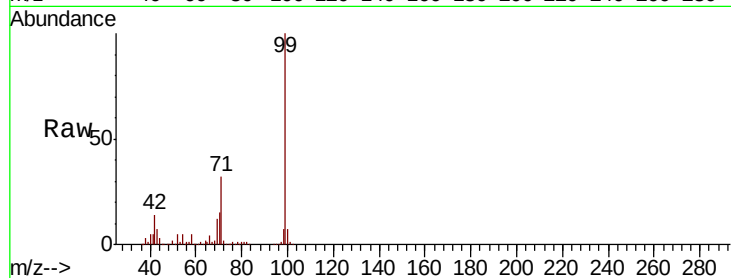
Tot Ion: 99 Resp: 1180464

Ion Ratio Lower Upper

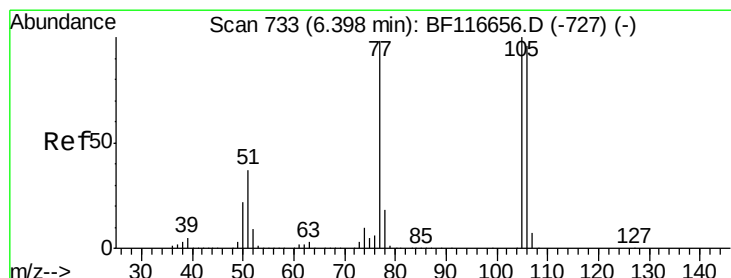
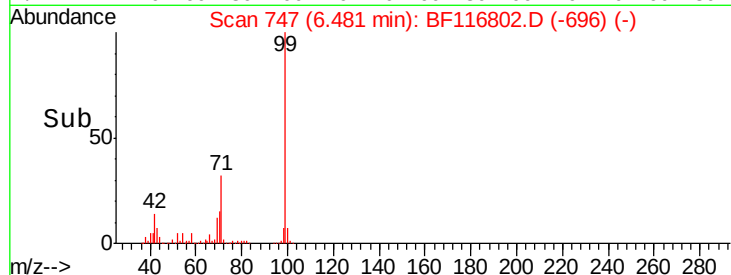
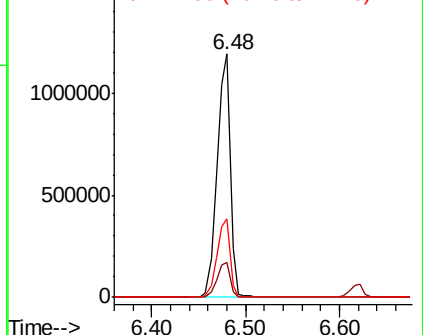
99 100

42 14.1 13.7 20.5

71 32.1 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



#9

Benzaldehyde

Concen: 3.291 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

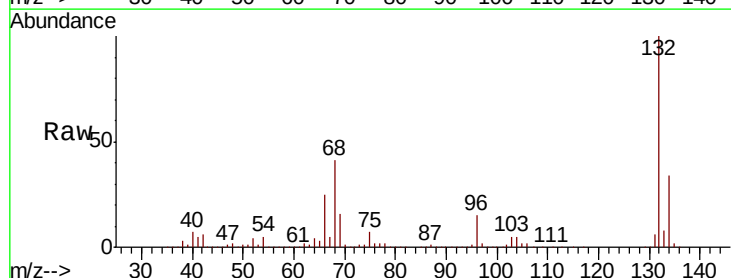
Tgt Ion: 77 Resp: 24653

Ion Ratio Lower Upper

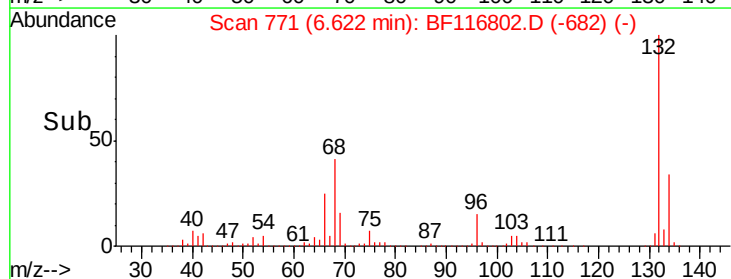
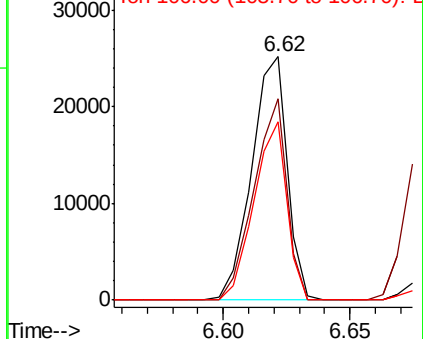
77 100

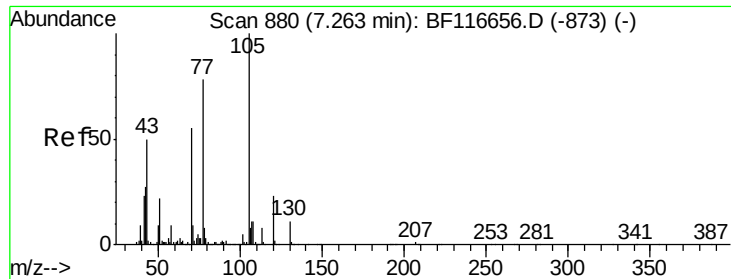
105 83.0 76.7 116.7

106 73.3 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

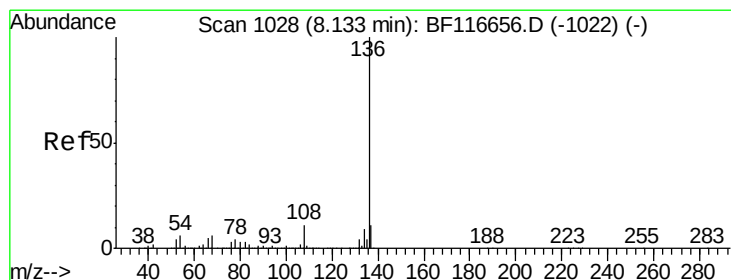
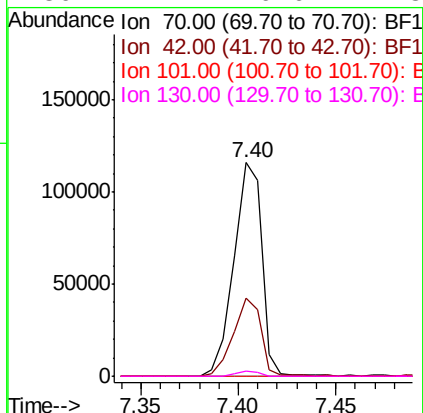
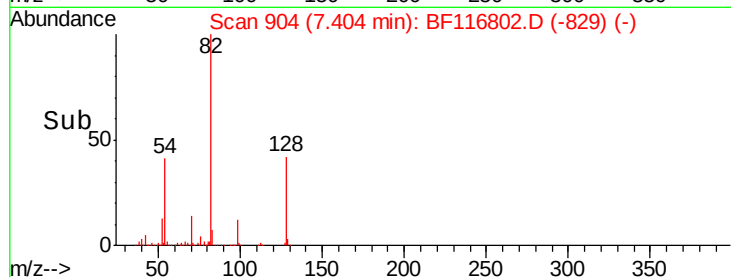
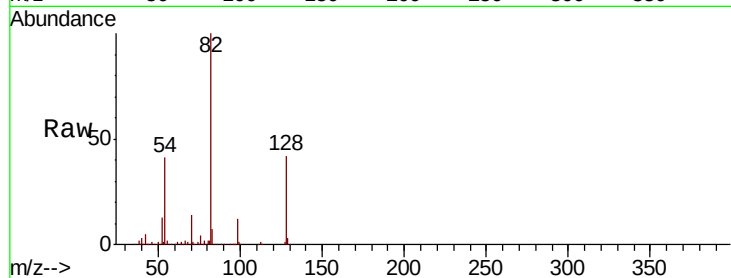




#19
n-Nitroso-di-n-propylamine
Concen: 15.383 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

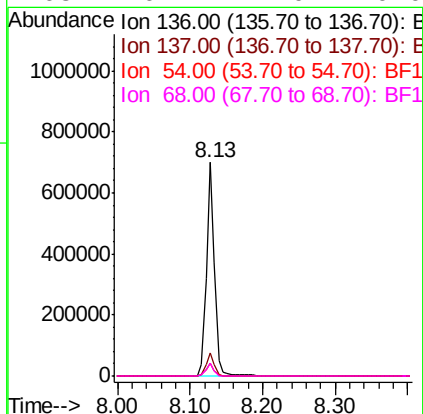
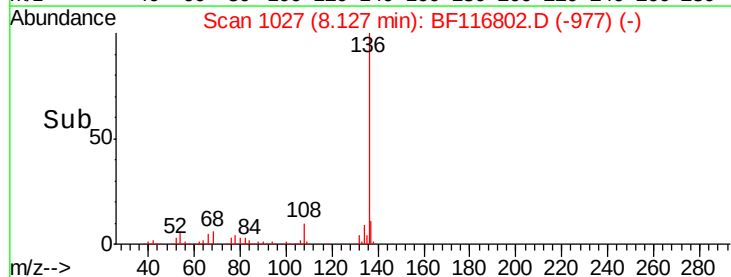
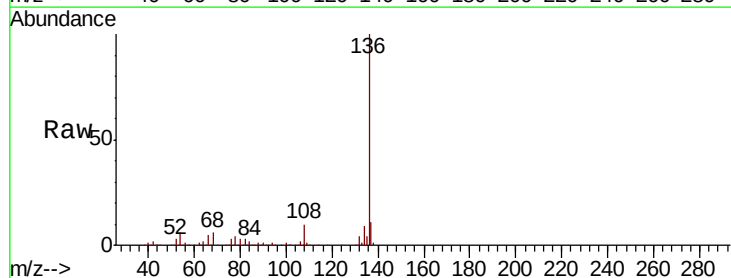
Instrument :
BNA_F
ClientSampleId :

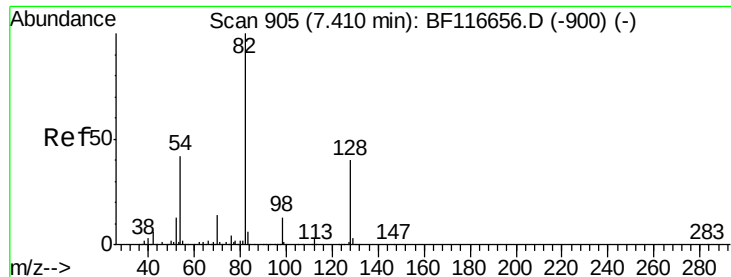
Tot Ion	Ratio	Lower	Upper
70	100		
42	36.6	43.5	65.3#
101	0.0	7.8	11.6#
130	2.4	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.1	4.8	7.2
68	6.2	4.0	6.0#





#23

Nitrobenzene-d5

Concen: 92.147 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

Instrument :

BNA_F

ClientSampleId :

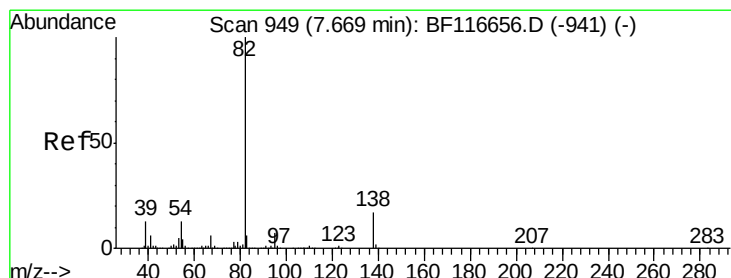
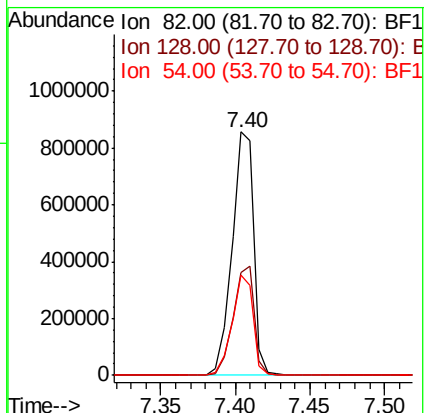
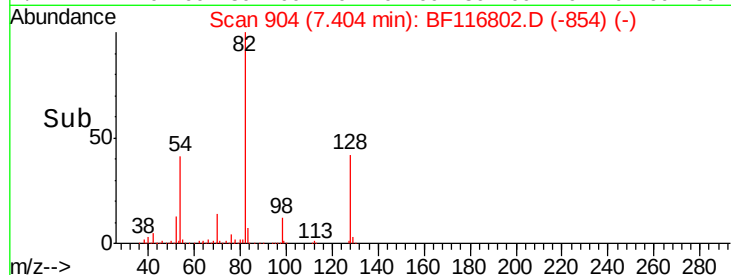
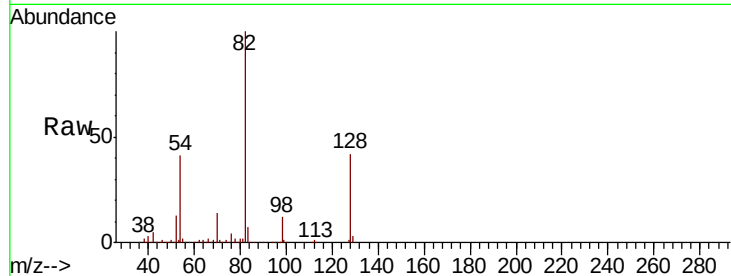
Tot Ion: 82 Resp: 878835

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

54 41.0 36.9 55.3



#25

Isophorone

Concen: 45.474 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

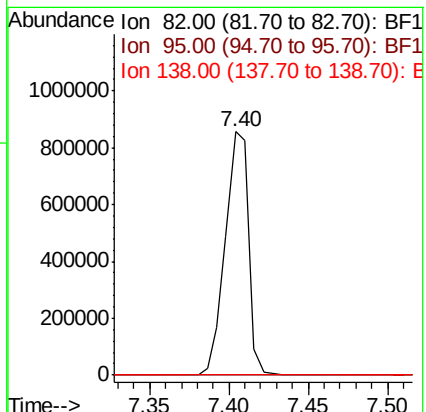
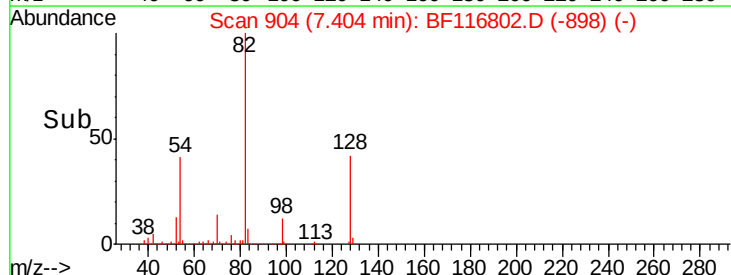
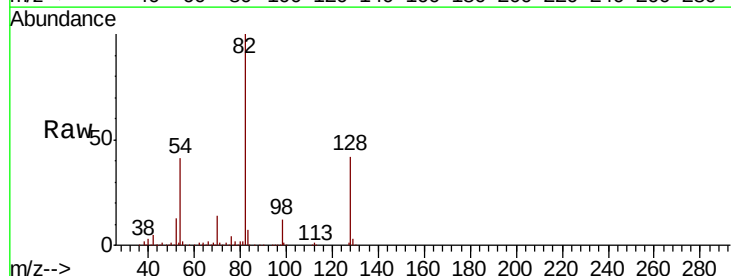
Tgt Ion: 82 Resp: 878826

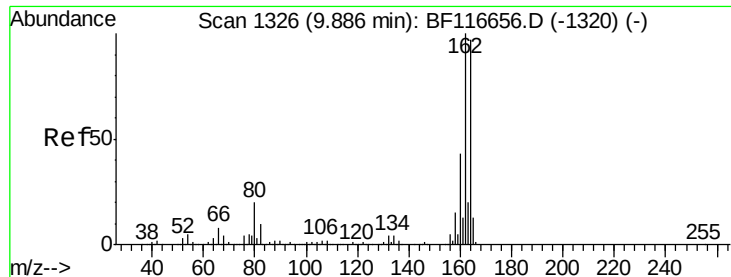
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#

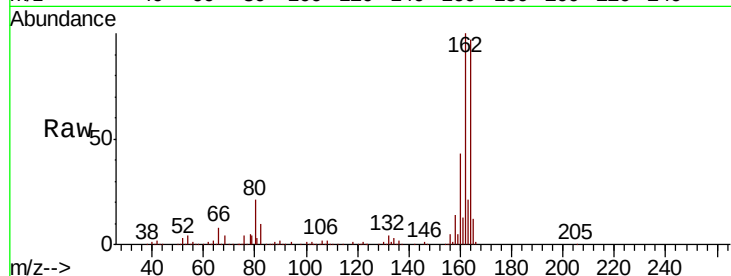




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.0
160	44.1	35.4	53.2

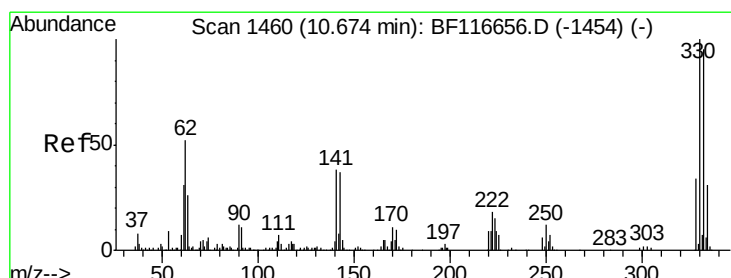
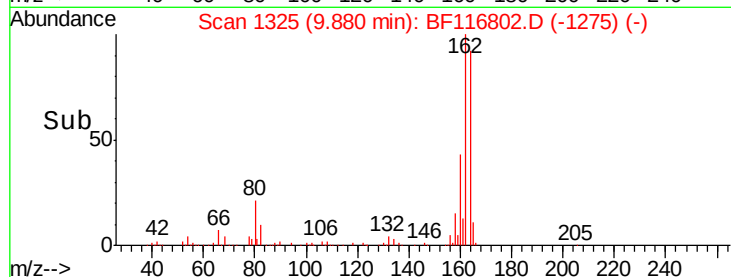
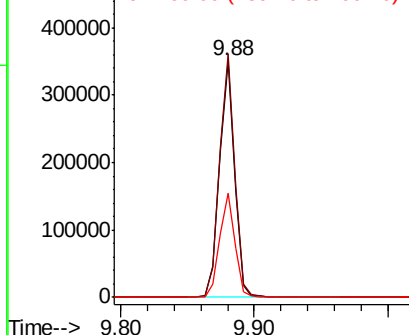


Abundance

Ion 164.00 (163.70 to 164.70): E

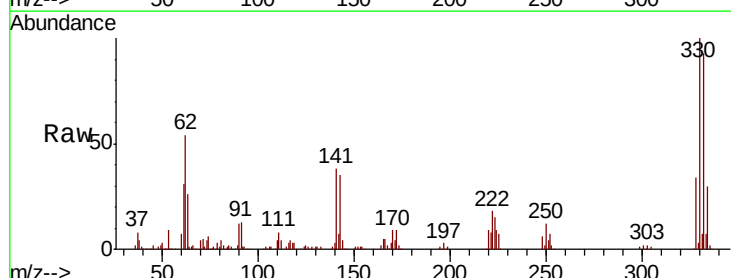
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 147.128 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	41.7	31.4	47.2

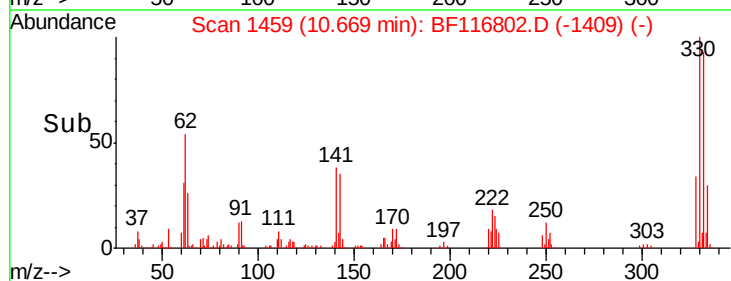
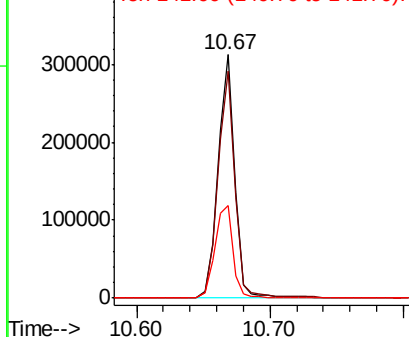


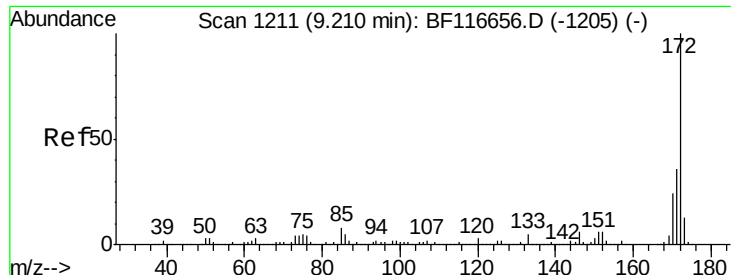
Abundance

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



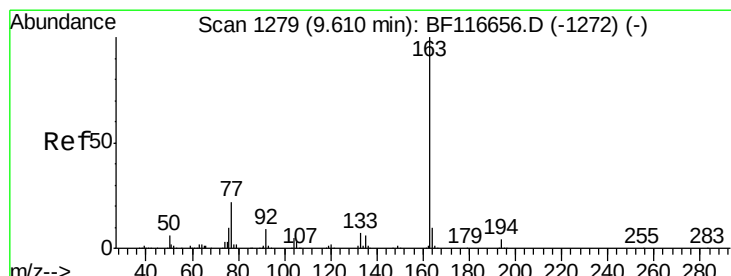
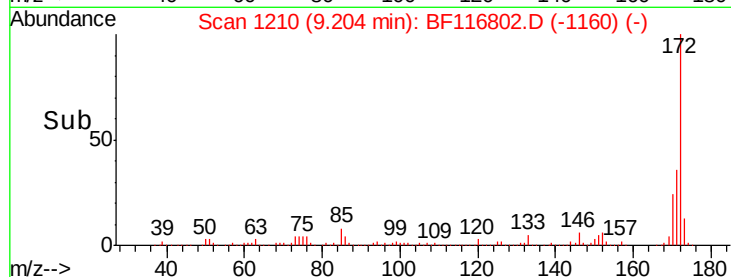
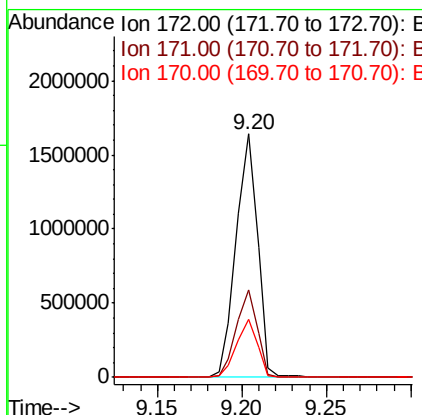
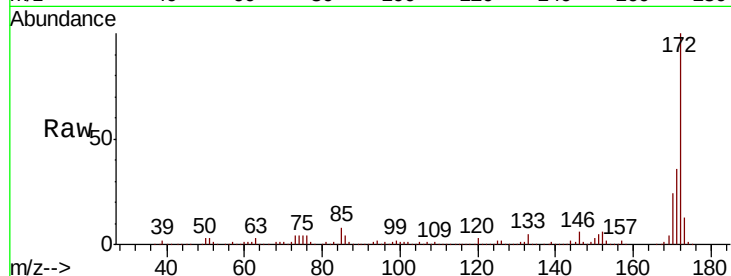


#45
 2-Fluorobiphenyl
 Concen: 87.274 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116802.D
 Acq: 4 Sep 2019 5:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1462273

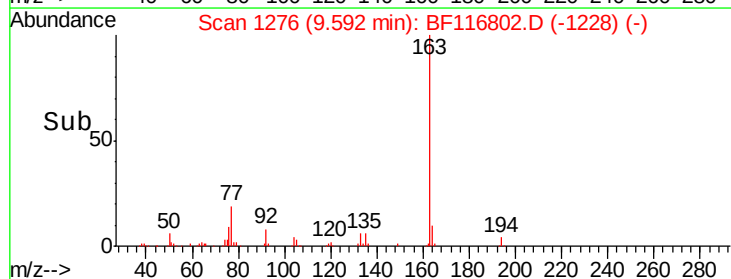
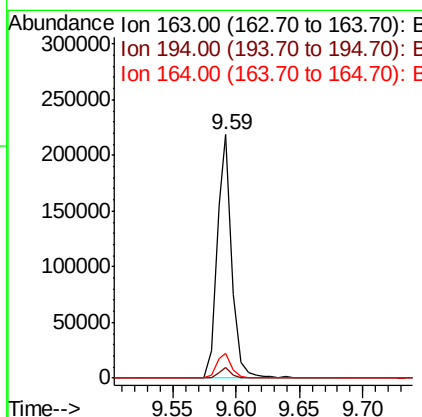
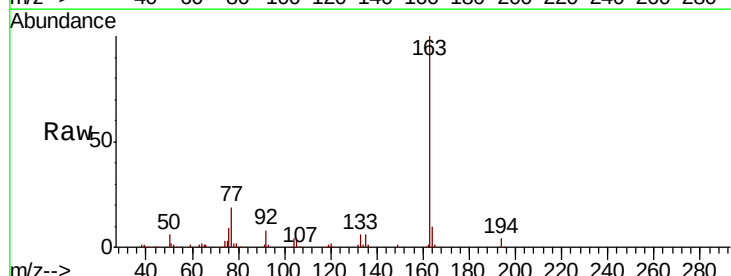
Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.6
170	23.9	18.9	28.3

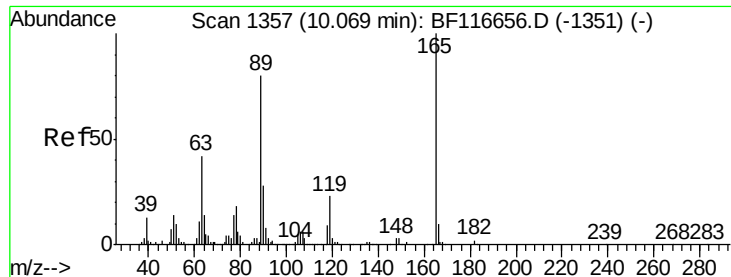


#50
 Dimethylphthalate
 Concen: 9.080 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF116802.D
 Acq: 4 Sep 2019 5:27

Tgt Ion:163 Resp: 177170

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	10.2	8.6	12.8

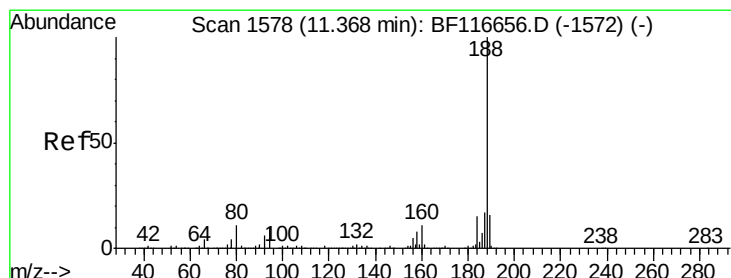
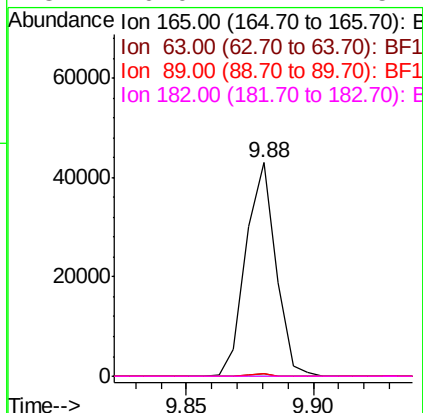
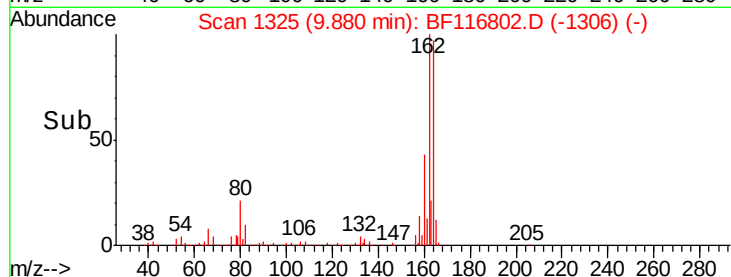
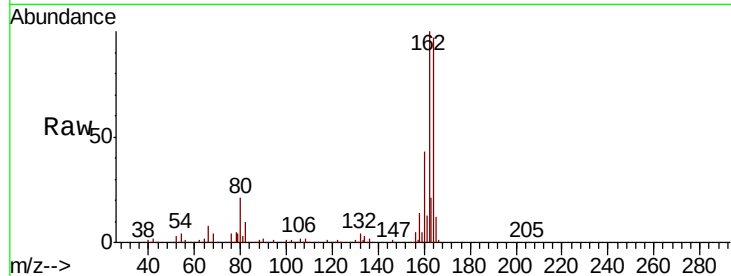




#57
 2,4-Dinitrotoluene
 Concen: 7.822 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116802.D
 Acq: 4 Sep 2019 5:27

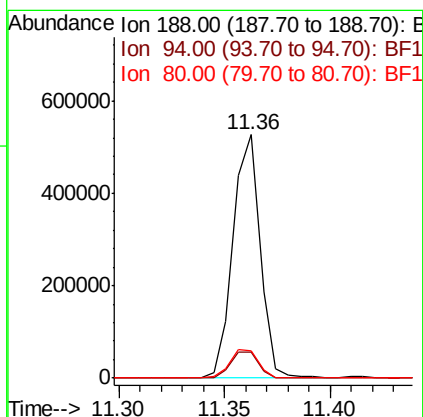
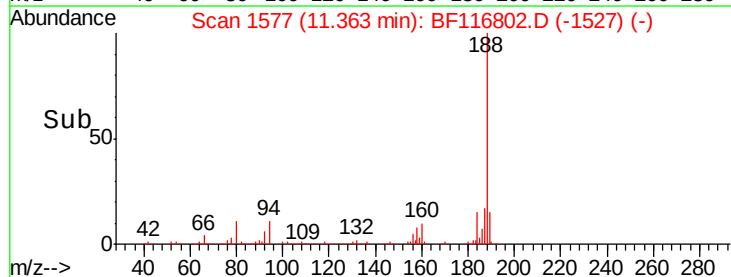
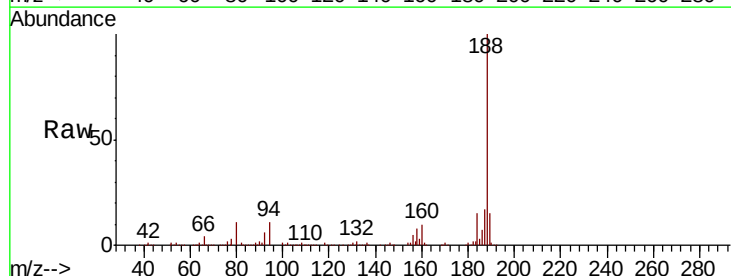
Instrument :
 BNA_F
 ClientSampleId :

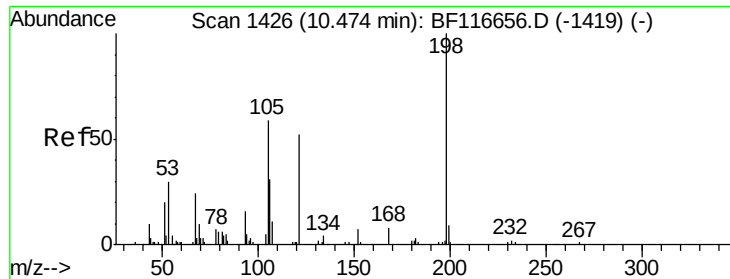
Tot Ion:	165	Resp:	35609
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116802.D
 Acq: 4 Sep 2019 5:27

Tgt Ion:	188	Resp:	467086
Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.3	10.9
80	11.1	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.706 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

Instrument :

BNA_F

ClientSampled :

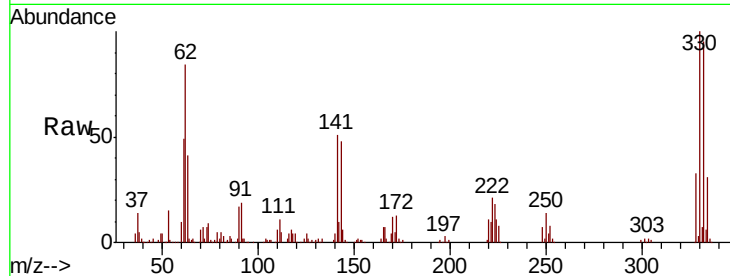
Tot Ion:198 Resp: 519

Ion Ratio Lower Upper

198 100

51 142.9 18.4 58.4#

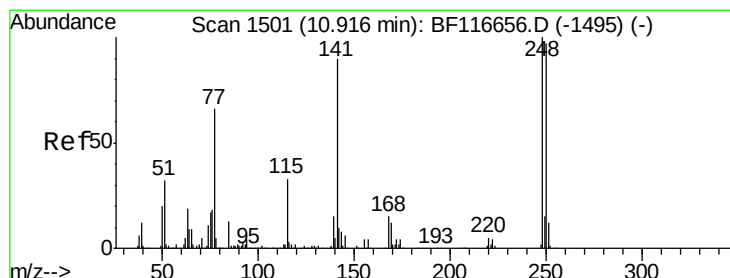
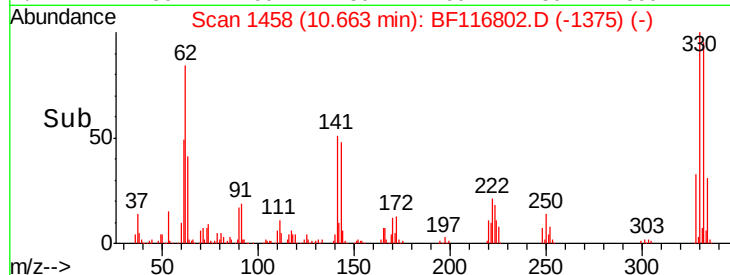
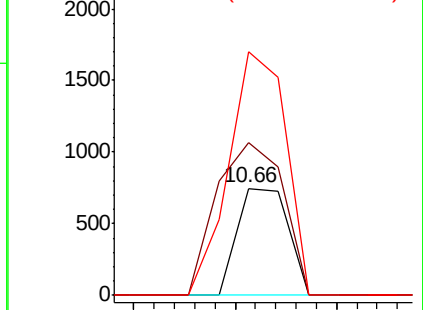
105 227.9 22.9 62.9#



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: 3.659 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

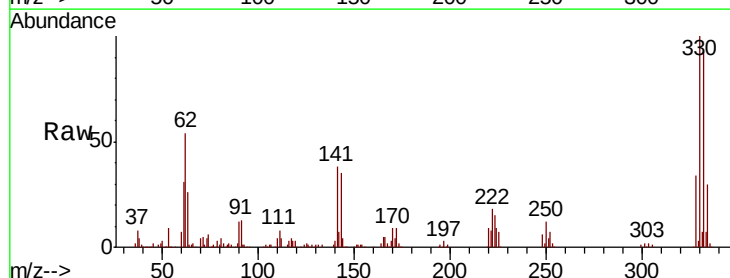
Tgt Ion:248 Resp: 17364

Ion Ratio Lower Upper

248 100

250 198.2 77.8 116.8#

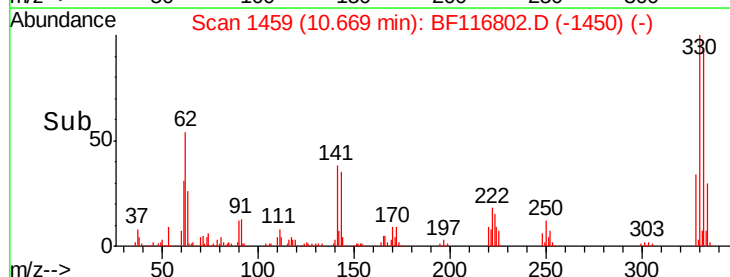
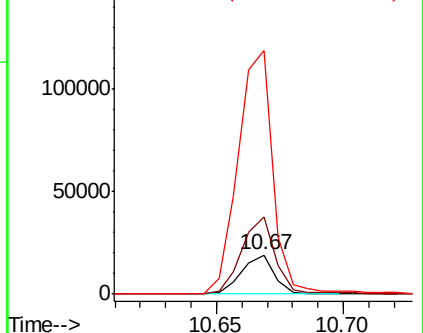
141 621.4 75.9 113.9#

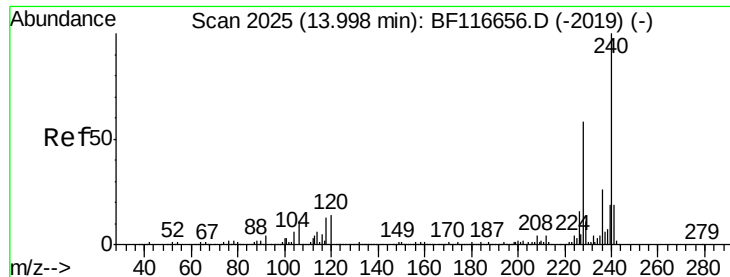


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF116802.D

Acq: 4 Sep 2019 5:27

Instrument :

BNA_F

ClientSampleId :

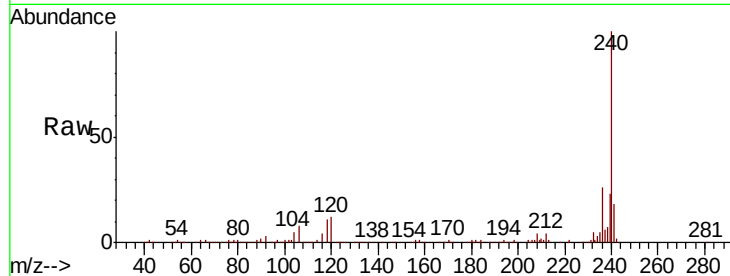
Tot Ion:240 Resp: 245383

Ion Ratio Lower Upper

240 100

120 12.3 9.1 13.7

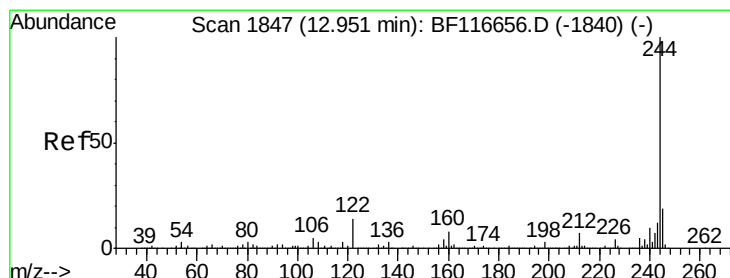
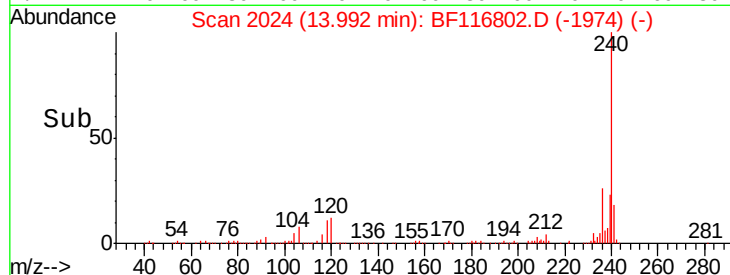
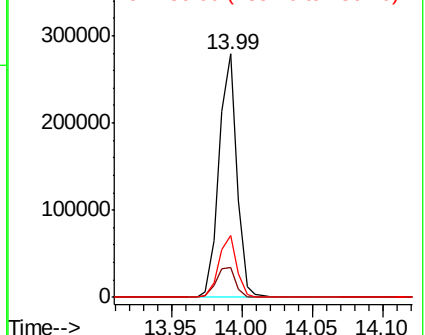
236 25.6 21.1 31.7



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: 106.007 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116802.D

Acq: 4 Sep 2019 5:27

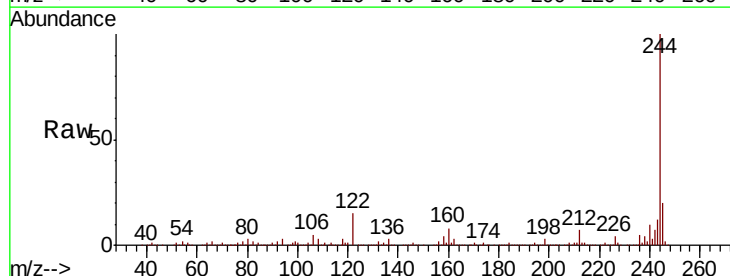
Tgt Ion:244 Resp: 1406121

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

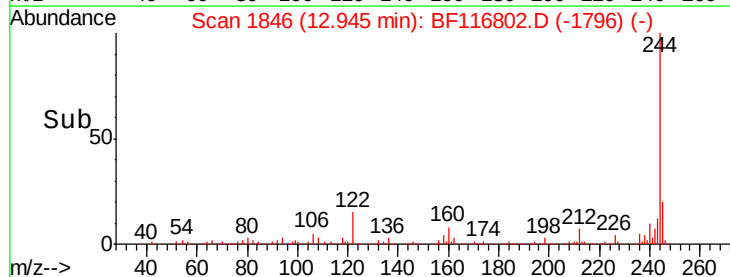
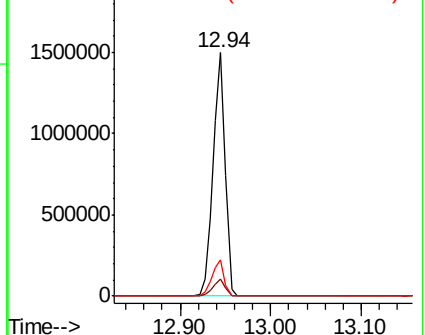
122 14.8 10.2 15.4

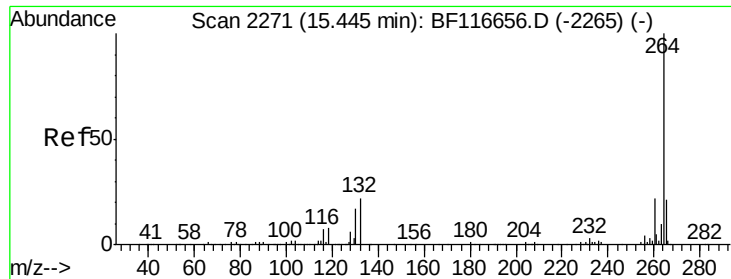


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

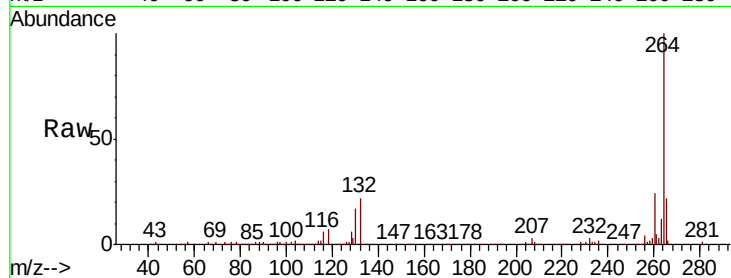




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF116802.D
Acq: 4 Sep 2019 5:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.7	16.5	24.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

