

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118242.D
 Acq On : 17 Dec 2019 22:40
 Operator : JU
 Sample : K6324-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:06:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

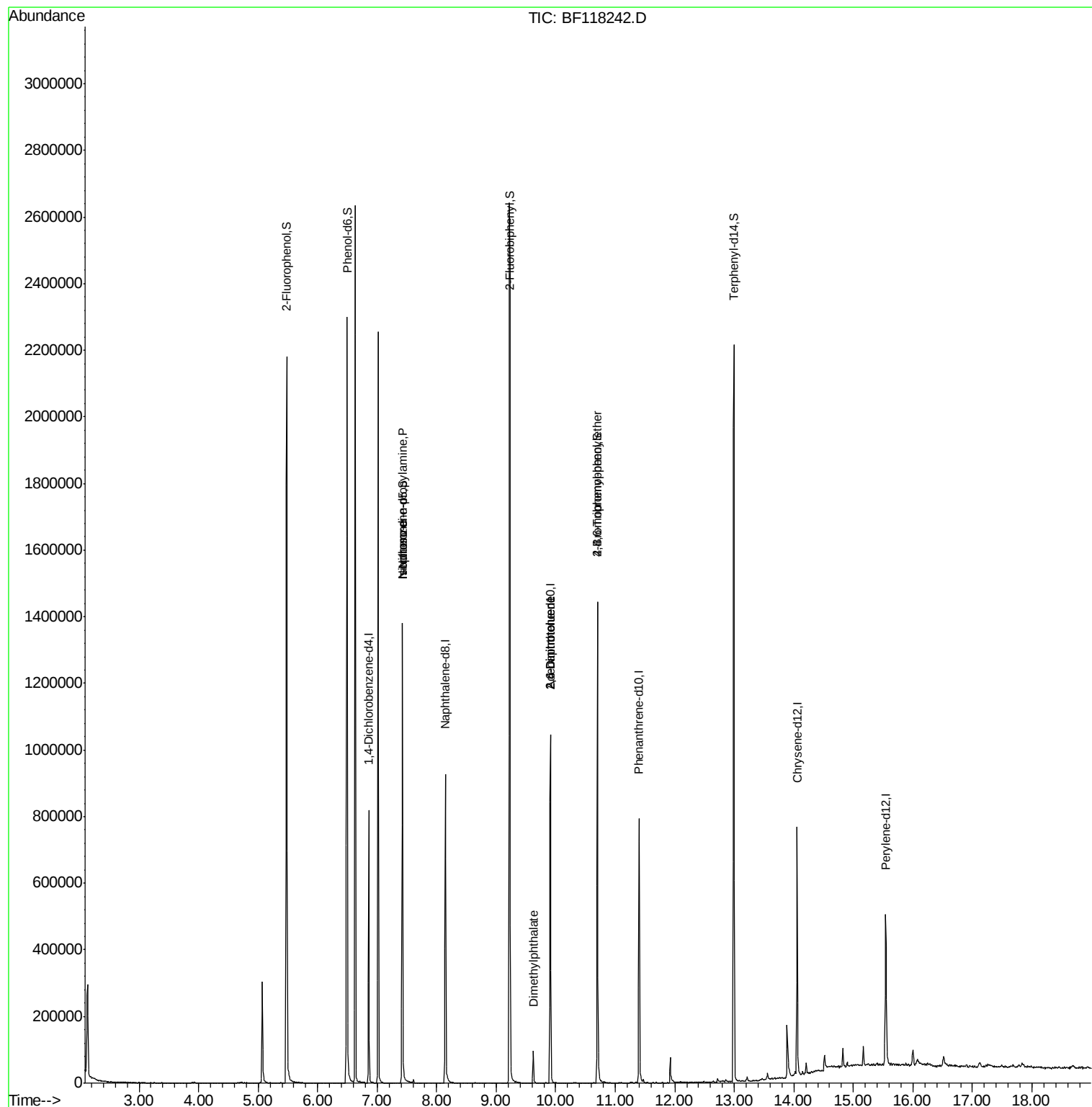
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119063	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	449076	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	214028	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	338584	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	256048	20.00	ng	-0.02
87) Perylene-d12	15.54	264	213247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	631060	92.83	ng	0.00
7) Phenol-d6	6.49	99	780443	94.92	ng	0.00
23) Nitrobenzene-d5	7.42	82	456923	57.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	192064	73.87	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	869502	61.82	ng	-0.01
79) Terphenyl-d14	12.99	244	764197	51.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1248	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	61890	12.387	ng	# 80
25) Isophorone	7.42	82	456917	33.766	ng	# 62
50) Dimethylphthalate	9.62	163	45983	2.909	ng	99
51) 2,6-Dinitrotoluene	9.91	165	27054	7.870	ng	# 27
57) 2,4-Dinitrotoluene	9.91	165	27054	5.896	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	11054	2.860	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118242.D
Acq On : 17 Dec 2019 22:40
Operator : JU
Sample : K6324-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 18 05:06:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



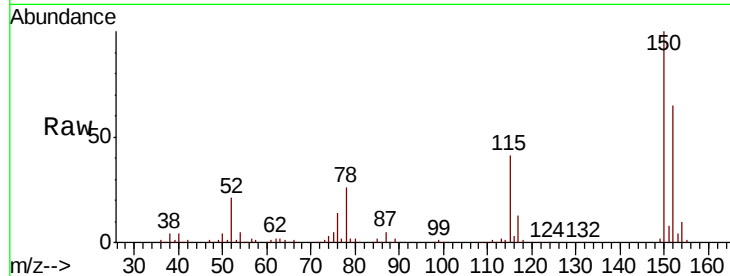


#1

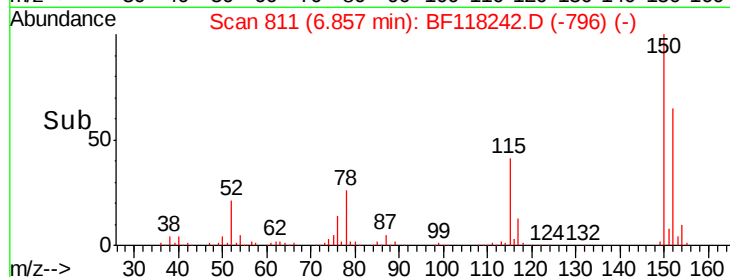
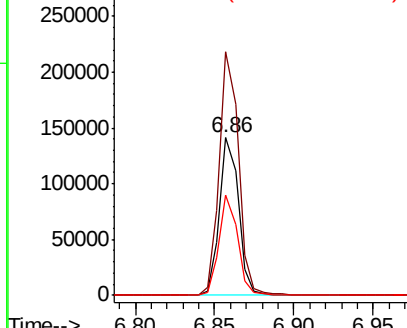
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118242.D
Acq: 17 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119063
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 63.6 51.1 76.7



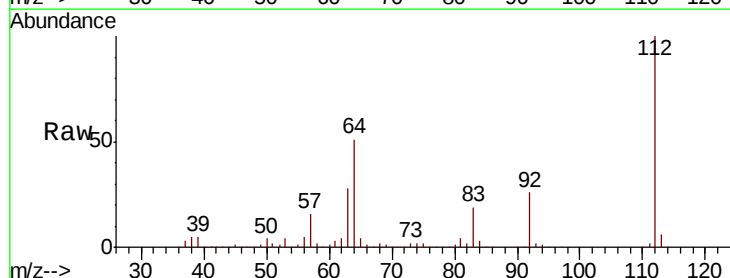
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



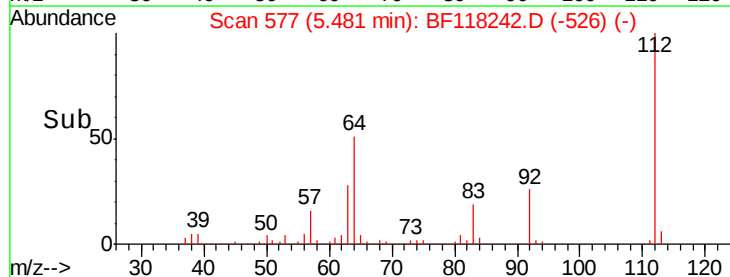
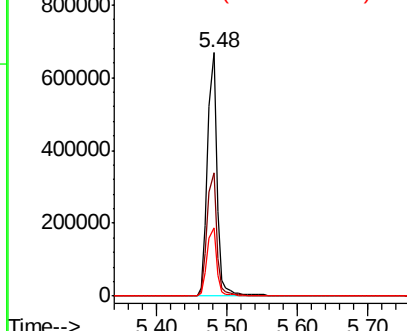
#5

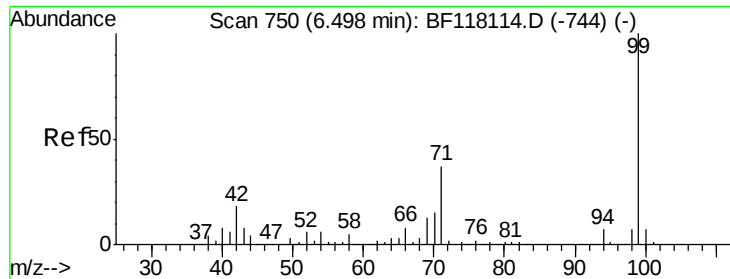
2-Fluorophenol
Concen: 92.831 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118242.D
Acq: 17 Dec 2019 22:40

Tgt Ion:112 Resp: 631060
Ion Ratio Lower Upper
112 100
64 50.6 41.3 61.9
63 28.1 22.4 33.6



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: 94.918 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

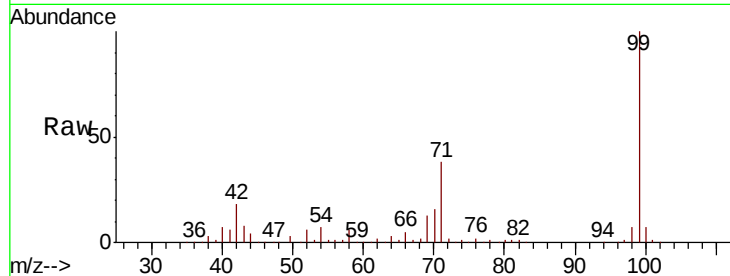
Tot Ion: 99 Resp: 780443

Ion Ratio Lower Upper

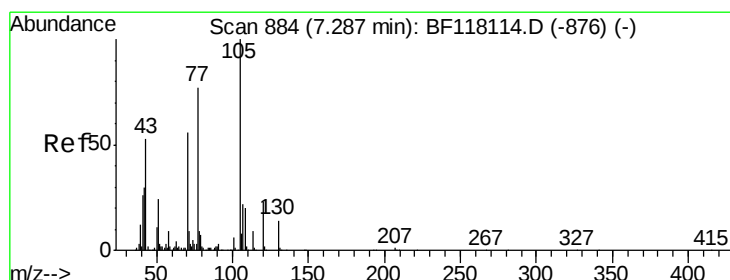
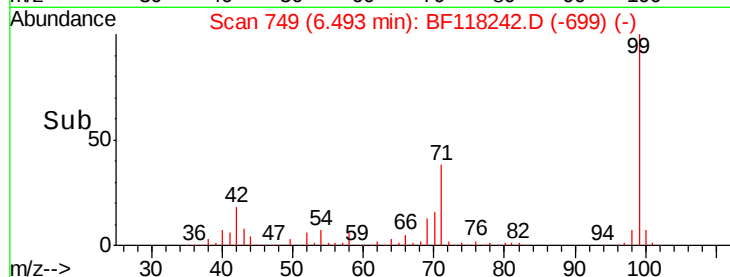
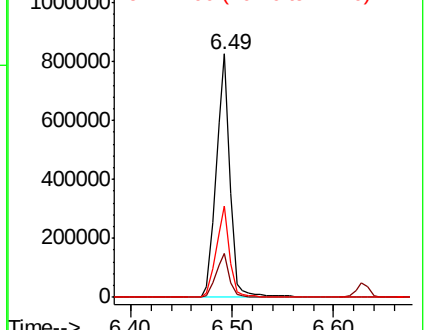
99 100

42 18.1 14.1 21.1

71 37.7 29.7 44.5



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: 12.387 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Tgt Ion: 70 Resp: 61890

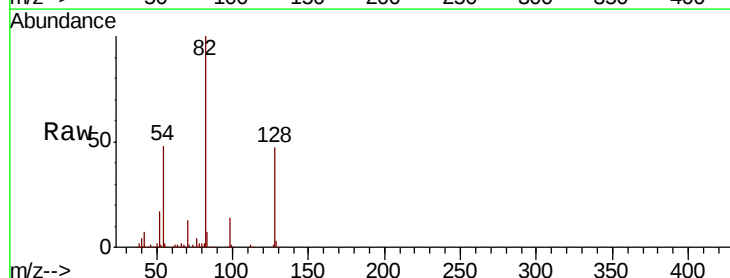
Ion Ratio Lower Upper

70 100

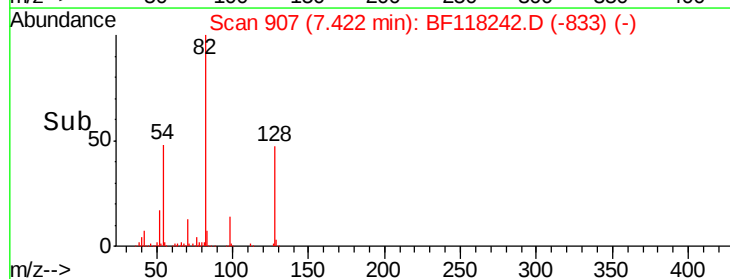
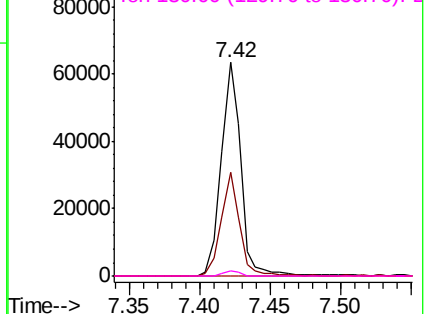
42 48.5 43.2 64.8

101 0.0 8.1 12.1#

130 2.3 19.8 29.8#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 449076

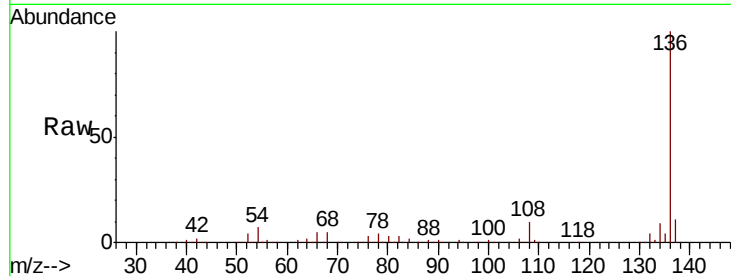
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.5 5.0 7.6

68 4.9 3.8 5.8

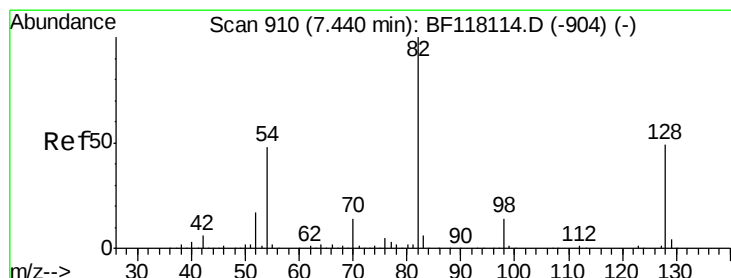
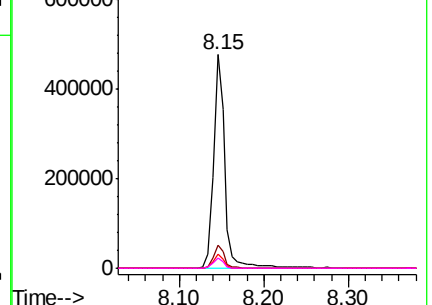
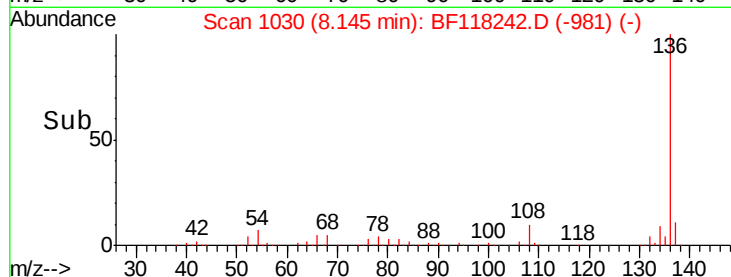


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.241 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

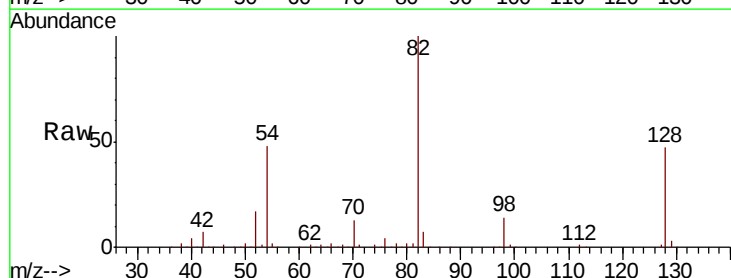
Tgt Ion: 82 Resp: 456923

Ion Ratio Lower Upper

82 100

128 47.3 39.1 58.7

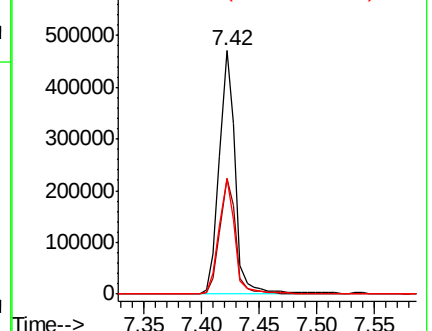
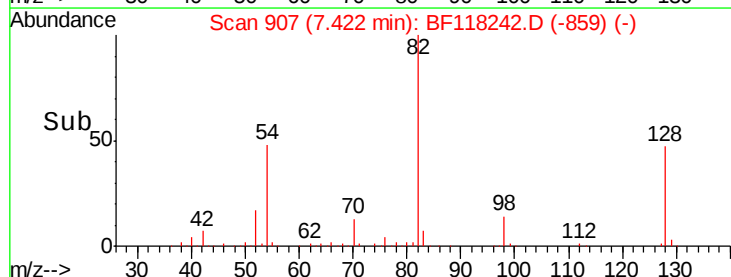
54 47.5 38.2 57.2

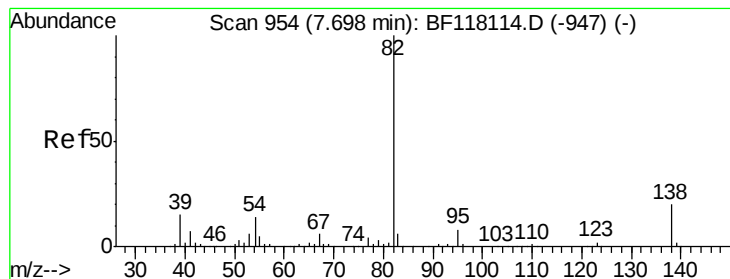


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.766 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

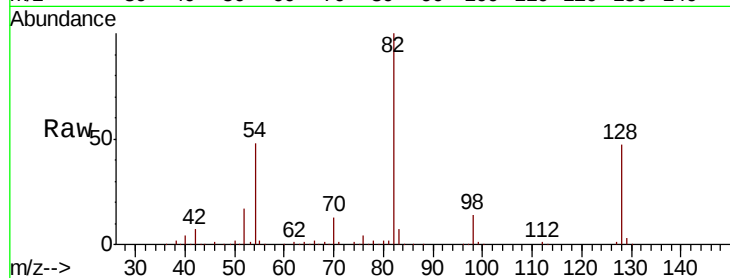
Tot Ion: 82 Resp: 456917

Ion Ratio Lower Upper

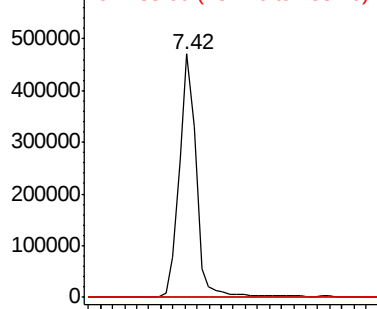
82 100

95 0.0 6.3 9.5#

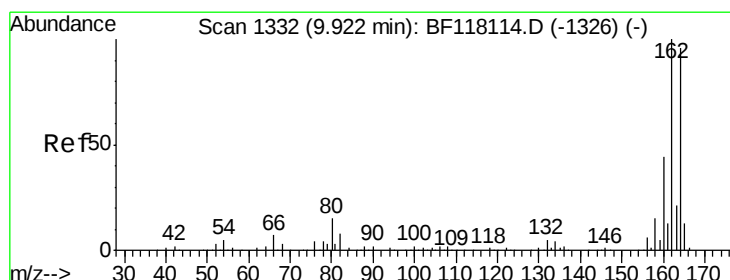
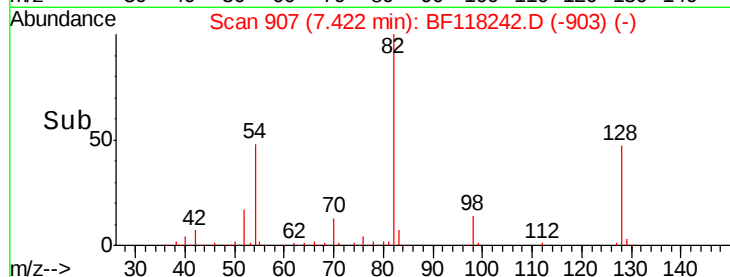
138 0.0 16.3 24.5#



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): E



Time--> 7.35 7.40 7.45 7.50 7.55



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

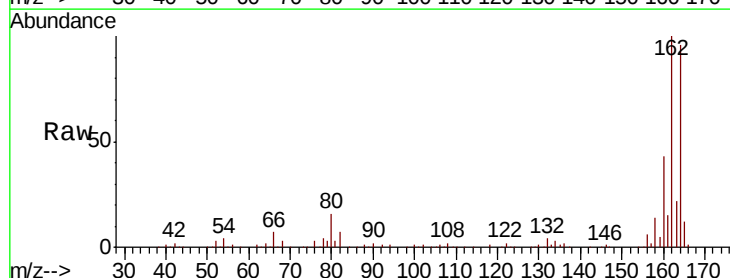
Tgt Ion: 164 Resp: 214028

Ion Ratio Lower Upper

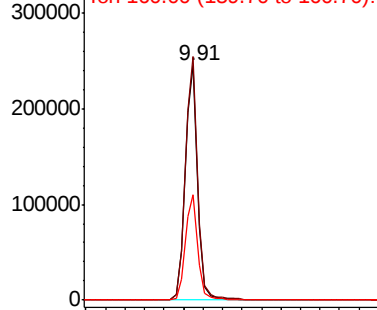
164 100

162 103.9 83.4 125.0

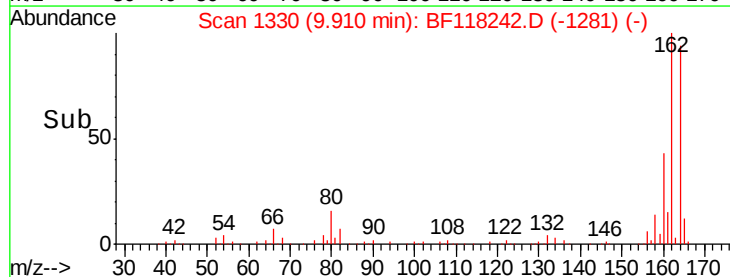
160 45.0 36.6 54.8

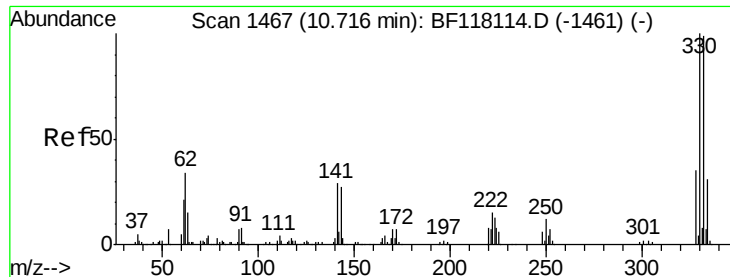


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time--> 9.80 9.90 10.00





#42

2,4,6-Tribromophenol

Concen: 73.869 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampled :

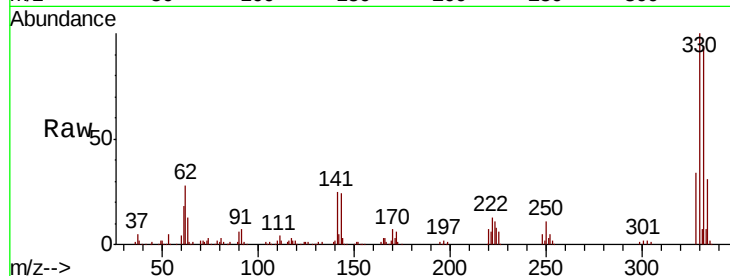
Tot Ion:330 Resp: 192064

Ion Ratio Lower Upper

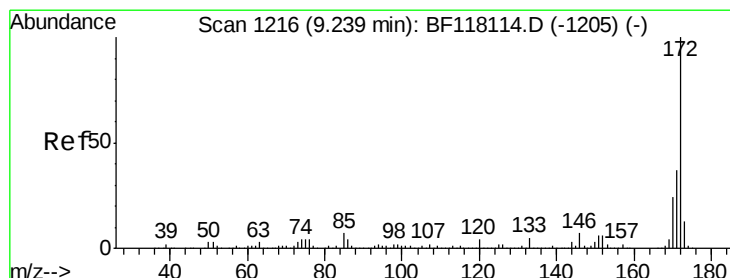
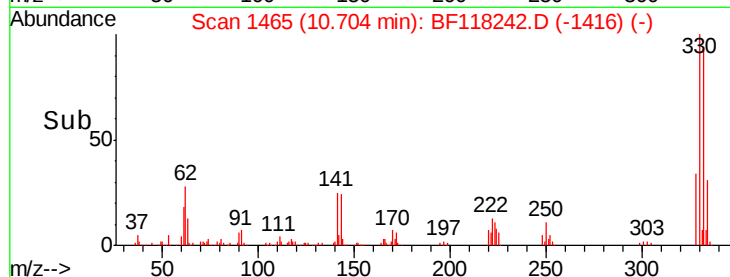
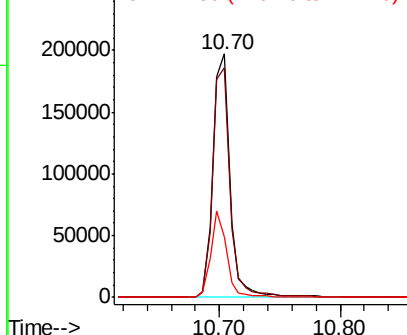
330 100

332 96.1 78.1 117.1

141 32.7 26.9 40.3



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: 61.818 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

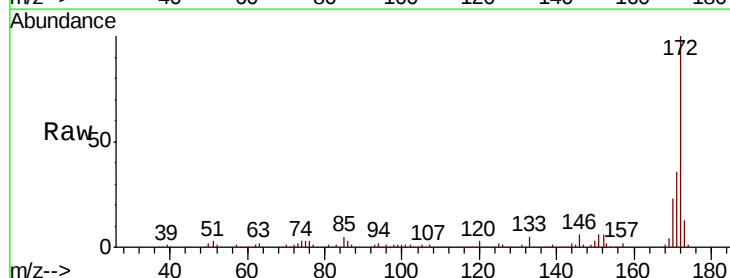
Tgt Ion:172 Resp: 869502

Ion Ratio Lower Upper

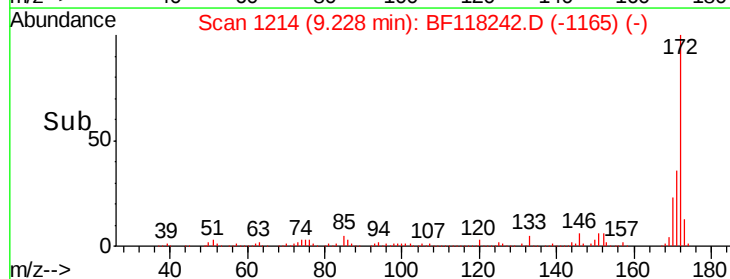
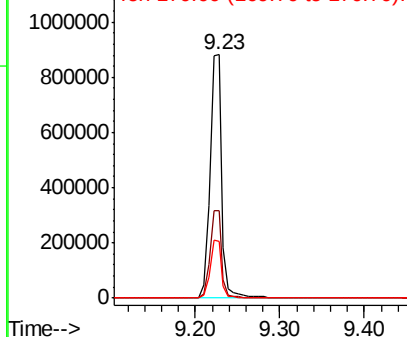
172 100

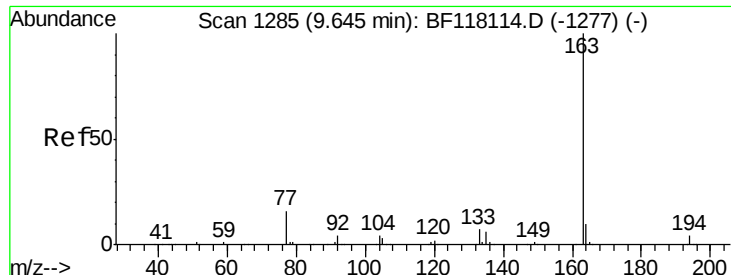
171 35.8 29.2 43.8

170 23.2 19.4 29.2



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

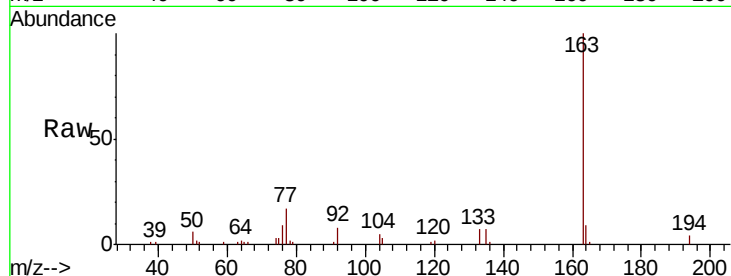




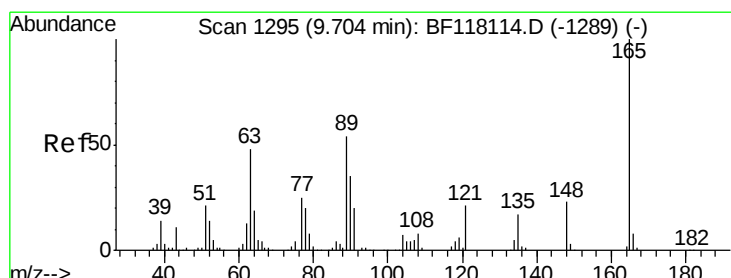
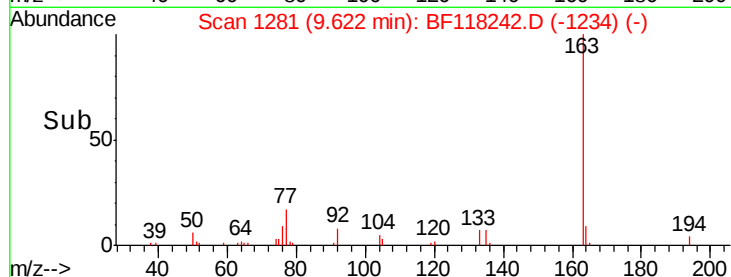
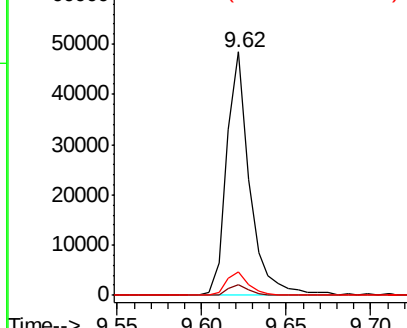
#50
Dimethylphthalate
Concen: 2.909 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118242.D
Acq: 17 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 45983
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.5 7.7 11.5

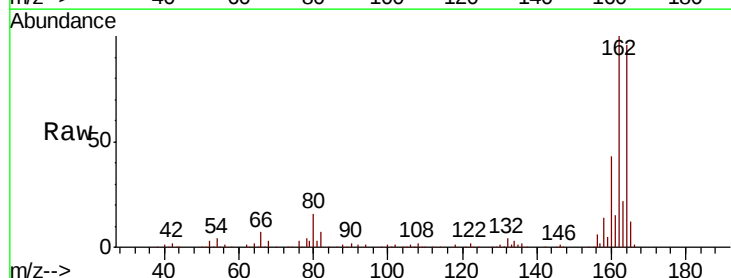


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

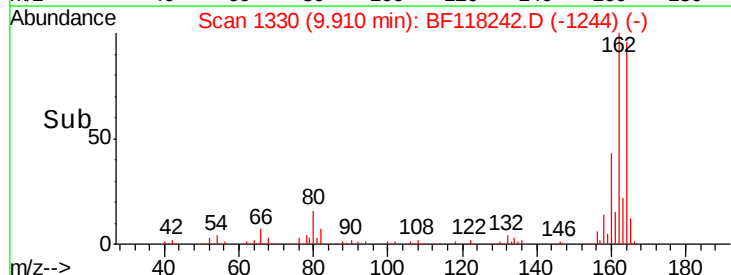
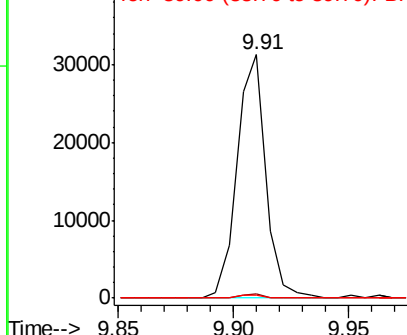


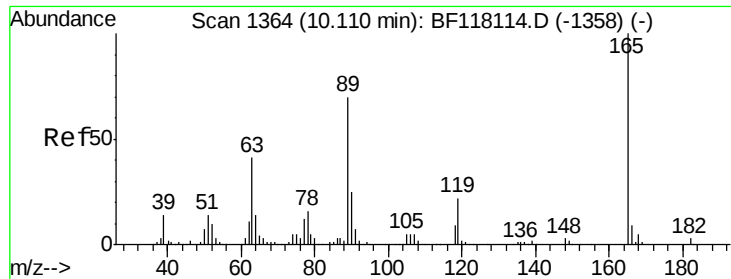
#51
2,6-Dinitrotoluene
Concen: 7.870 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF118242.D
Acq: 17 Dec 2019 22:40

Tgt Ion:165 Resp: 27054
Ion Ratio Lower Upper
165 100
63 1.5 41.4 62.0#
89 1.1 42.9 64.3#



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

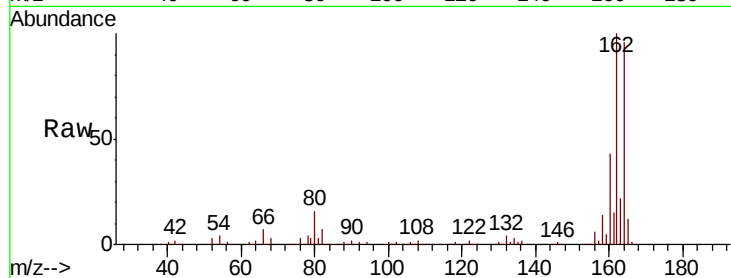




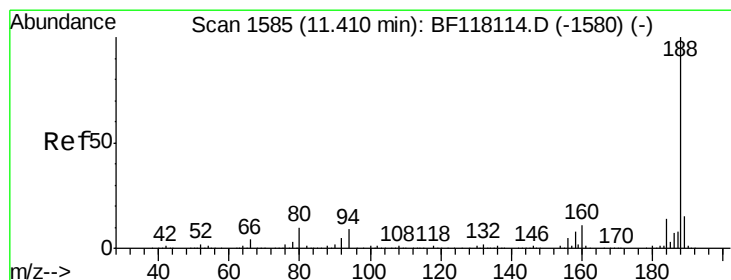
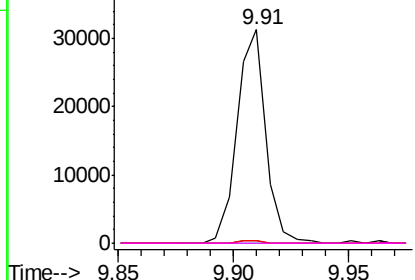
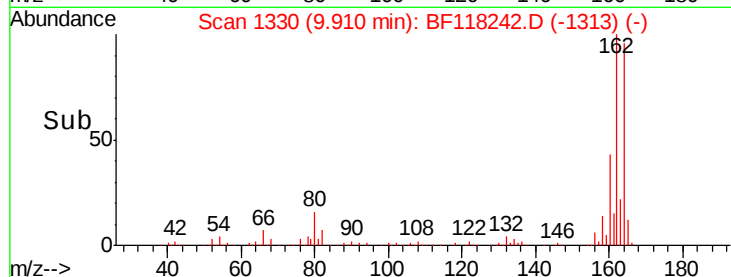
#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118242.D
Acq: 17 Dec 2019 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 27054
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.1 56.1 84.1#
182 0.0 2.1 3.1#

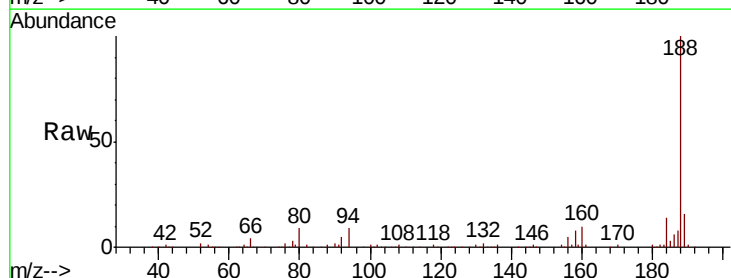


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

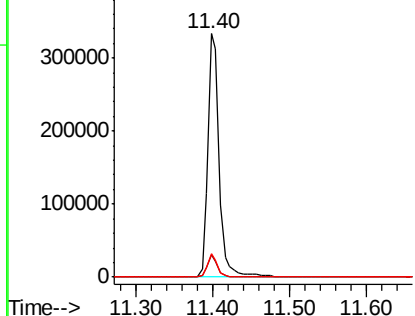
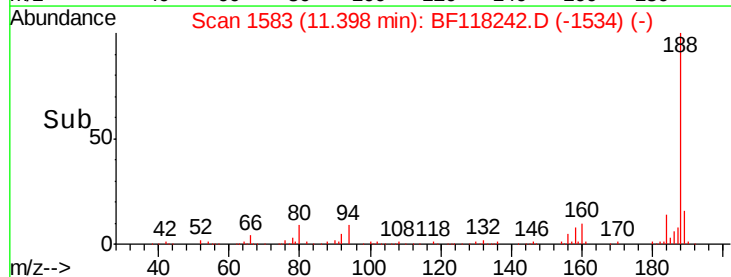


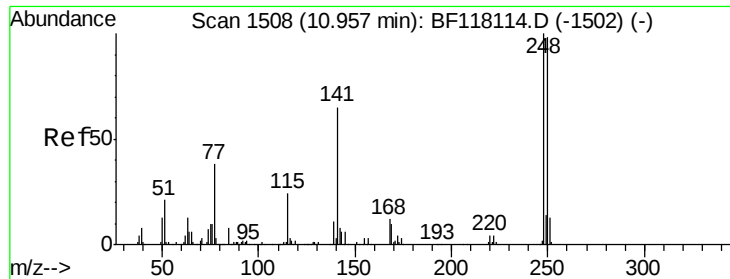
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118242.D
Acq: 17 Dec 2019 22:40

Tgt Ion:188 Resp: 338584
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.4 7.9 11.9



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

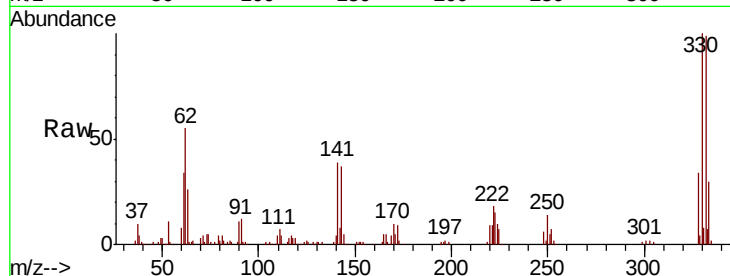




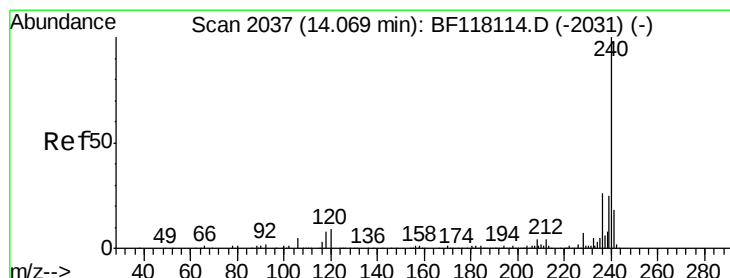
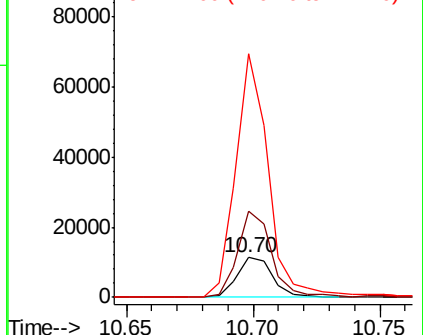
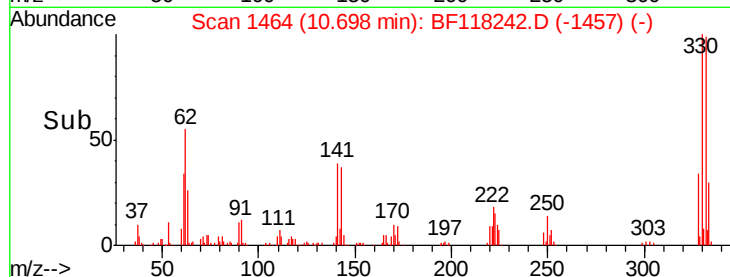
#67
 4-Bromophenyl-phenylether
 Concen: 2.860 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF118242.D
 Acq: 17 Dec 2019 22:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11054
 Ion Ratio Lower Upper
 248 100
 250 216.3 78.3 117.5#
 141 609.7 52.2 78.4#

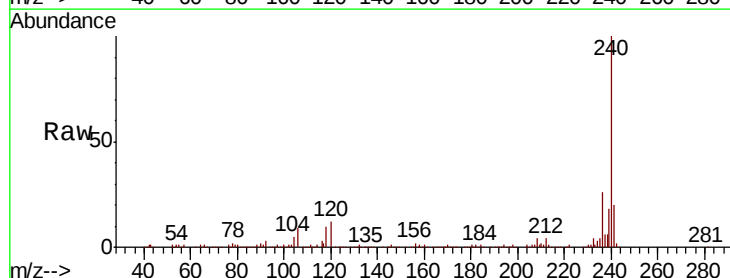


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

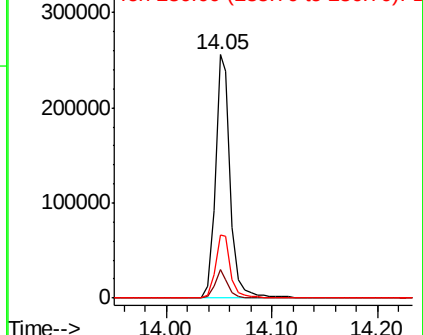
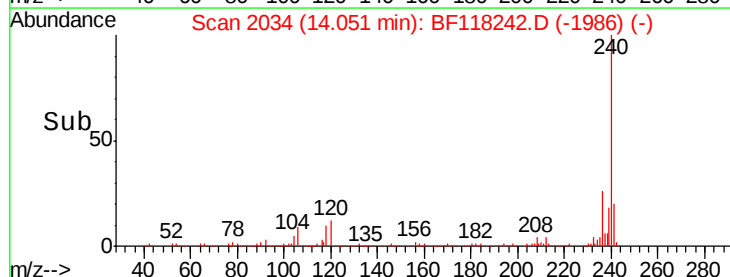


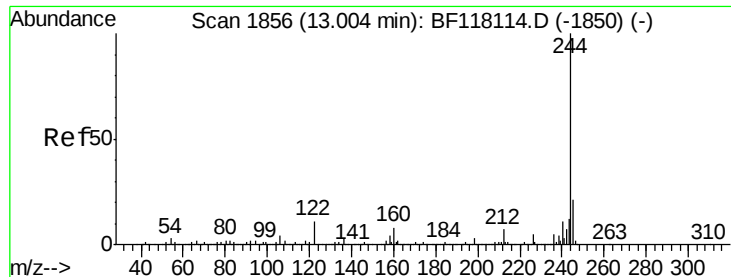
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF118242.D
 Acq: 17 Dec 2019 22:40

Tgt Ion:240 Resp: 256048
 Ion Ratio Lower Upper
 240 100
 120 11.6 7.1 10.7#
 236 25.8 21.0 31.6



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: 51.324 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

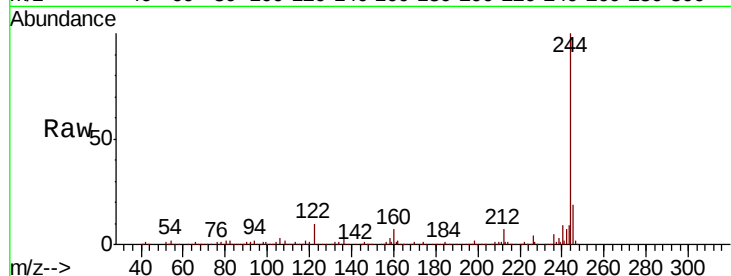
Tot Ion:244 Resp: 764197

Ion Ratio Lower Upper

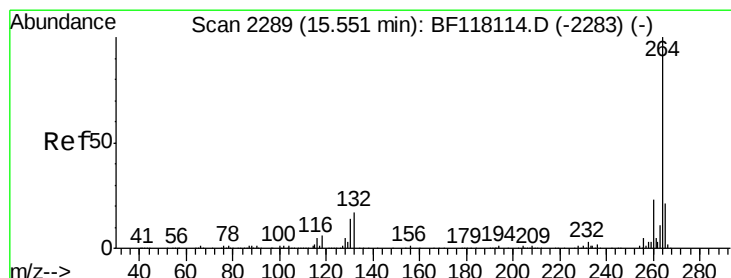
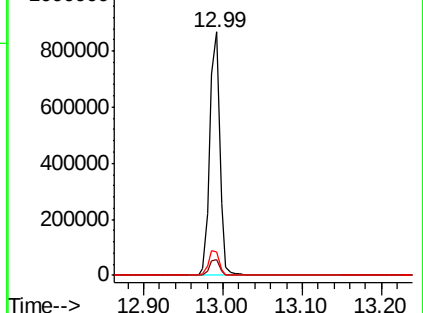
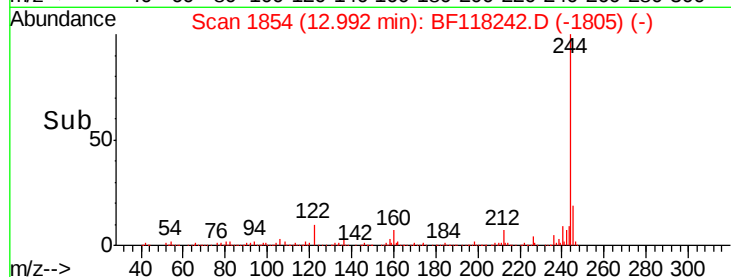
244 100

212 6.6 5.9 8.9

122 9.7 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

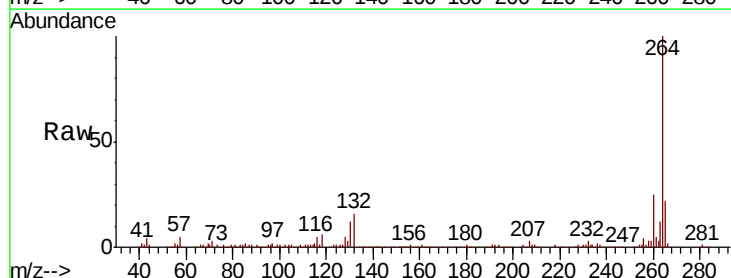
Tgt Ion:264 Resp: 213247

Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

265 22.0 16.8 25.2



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

