

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116718.D
 Acq On : 1 Sep 2019 1:51
 Operator : HP/JU
 Sample : K4517-23
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4

Quant Time: Sep 01 02:46:40 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

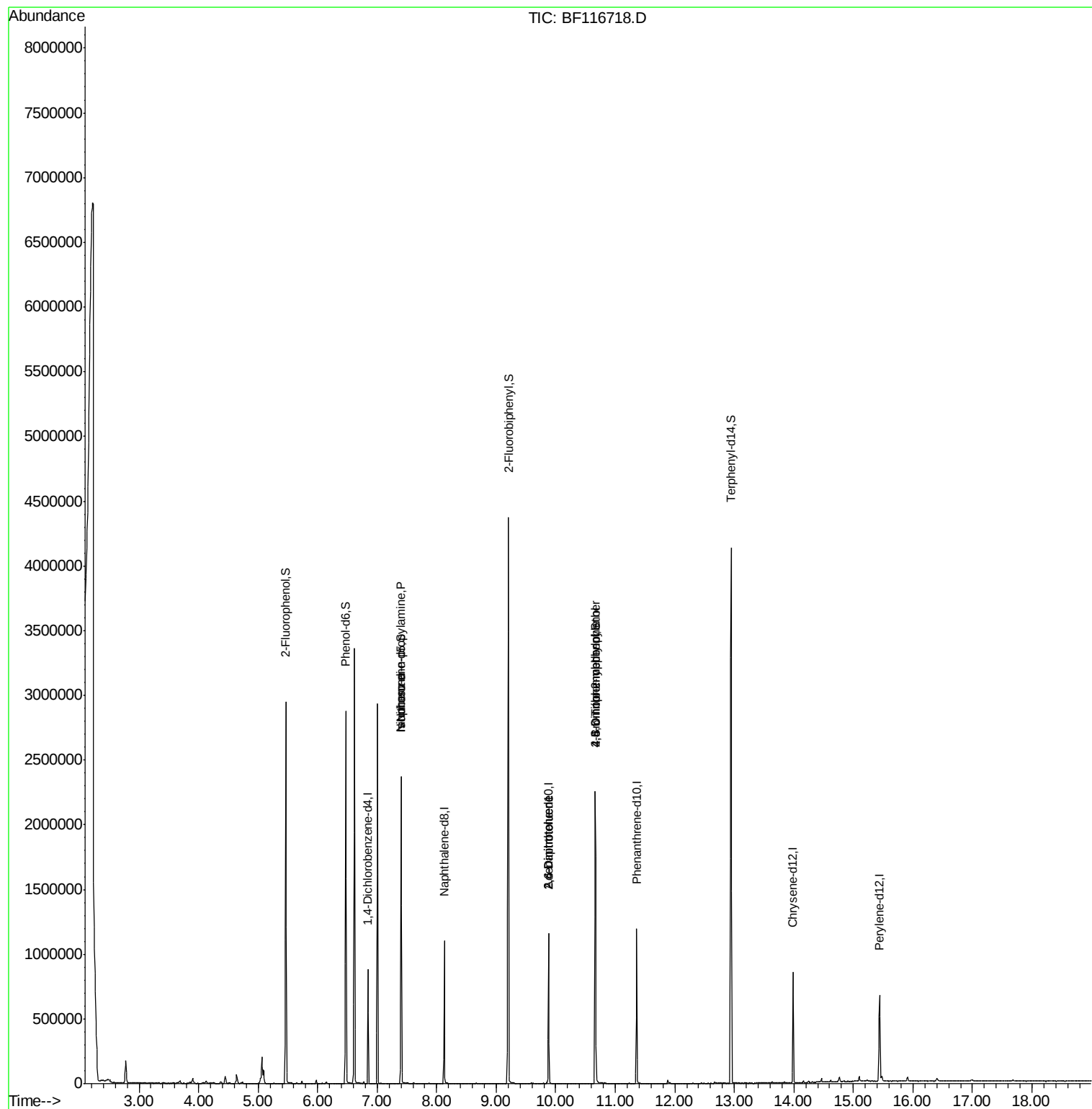
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115294	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	464351	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	241354	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	399050	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	263296	20.00	ng	-0.01
87) Perylene-d12	15.44	264	289435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	833950	117.18	ng	0.00
7) Phenol-d6	6.47	99	1030340	110.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	796660	97.94	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	246470	152.75	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1275184	89.13	ng	0.00
79) Terphenyl-d14	12.95	244	1363232	95.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	104877	17.045	ng	# 73
25) Isophorone	7.40	82	796651	48.334	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	30322	9.538	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	30322	7.800	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.66	198	354	7.655	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	16149	3.984	ng	# 1

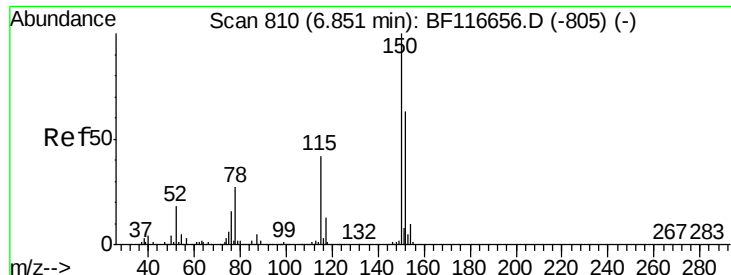
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116718.D
Acq On : 1 Sep 2019 1:51
Operator : HP/JU
Sample : K4517-23
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4

Quant Time: Sep 01 02:46:40 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



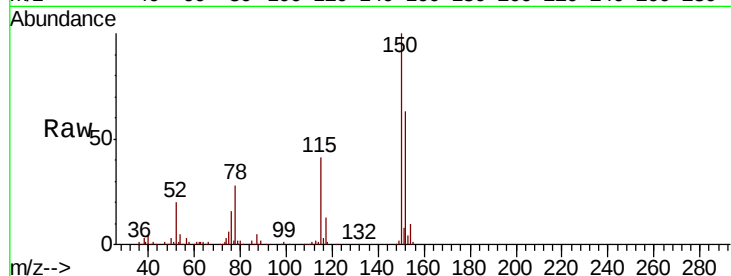


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116718.D
Acq: 1 Sep 2019 1:51

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.4	186.6
115	65.6	49.9	74.9

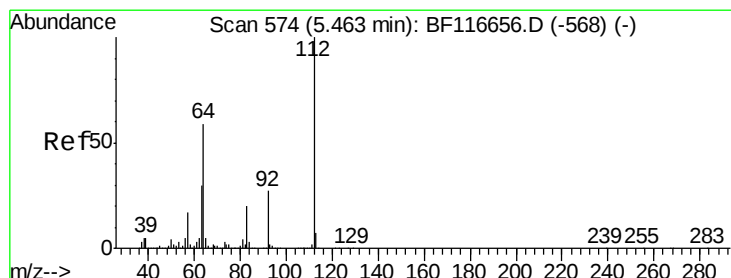
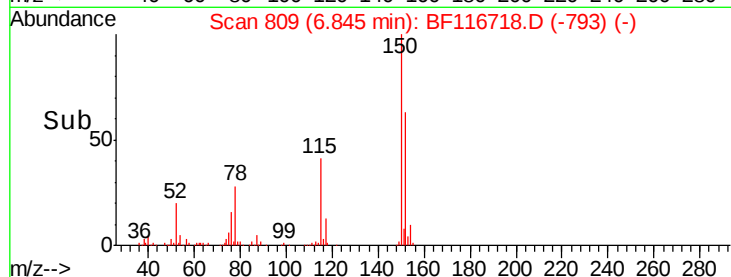
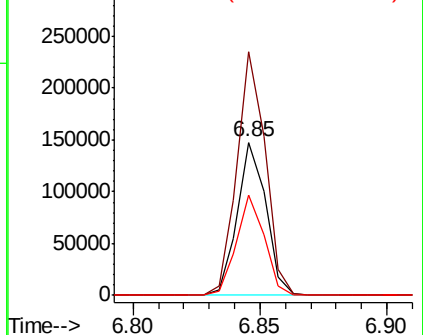


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

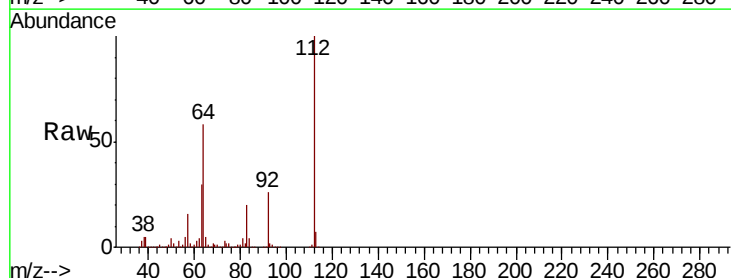
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.183 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116718.D
Acq: 1 Sep 2019 1:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.1	70.7
63	30.1	24.9	37.3

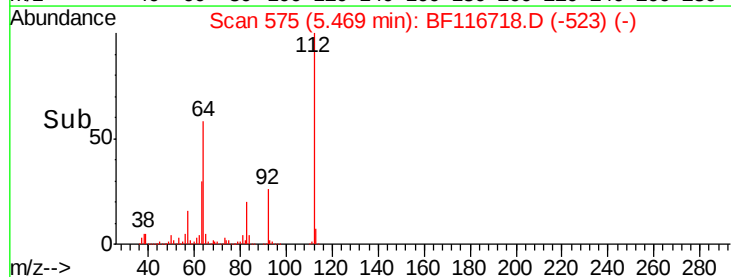
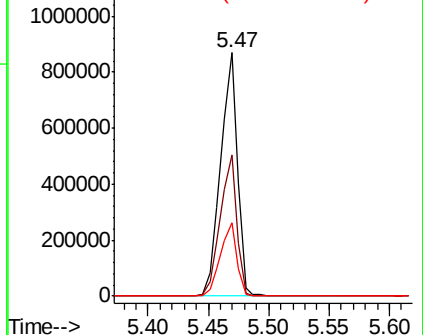


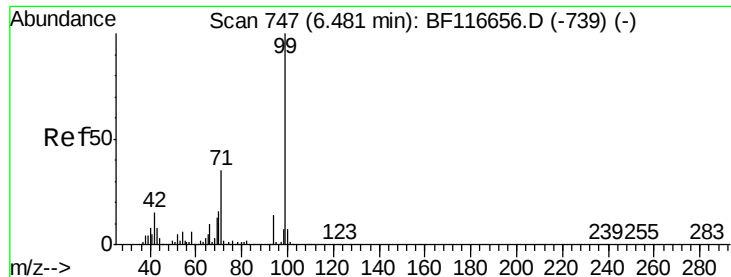
Abundance

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: 110.256 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116718.D

Acq: 1 Sep 2019 1:51

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4

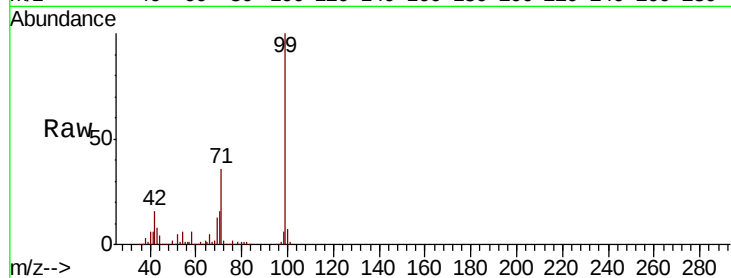
Tot Ion: 99 Resp: 1030340

Ion Ratio Lower Upper

99 100

42 15.6 13.7 20.5

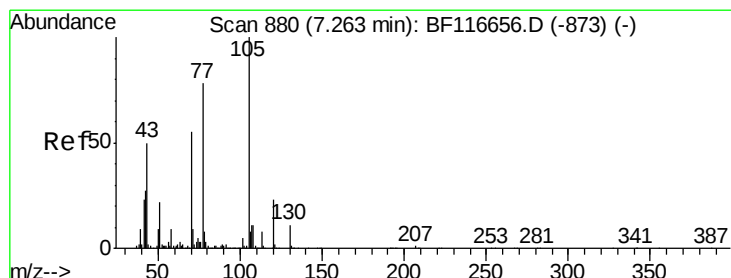
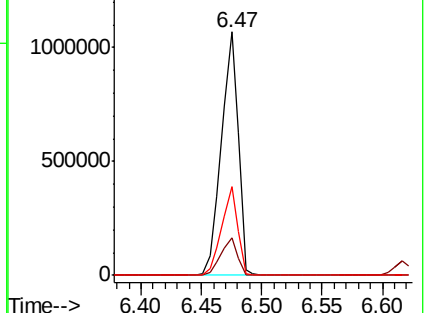
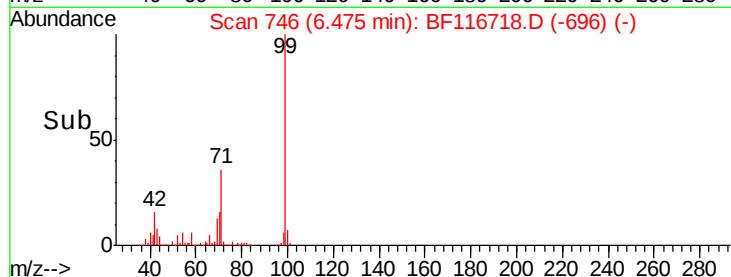
71 36.4 30.8 46.2



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: 17.045 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116718.D

Acq: 1 Sep 2019 1:51

Tgt Ion: 70 Resp: 104877

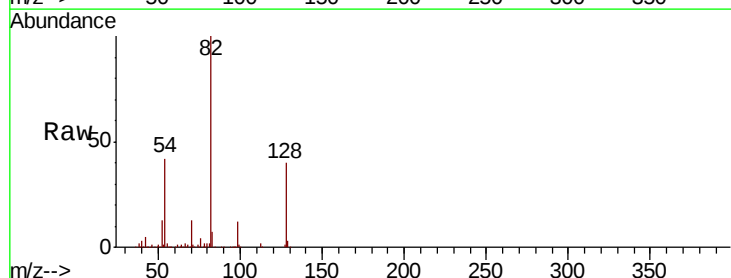
Ion Ratio Lower Upper

70 100

42 38.9 43.5 65.3#

101 0.0 7.8 11.6#

130 1.6 16.6 24.8#

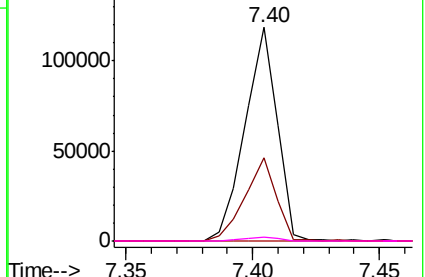
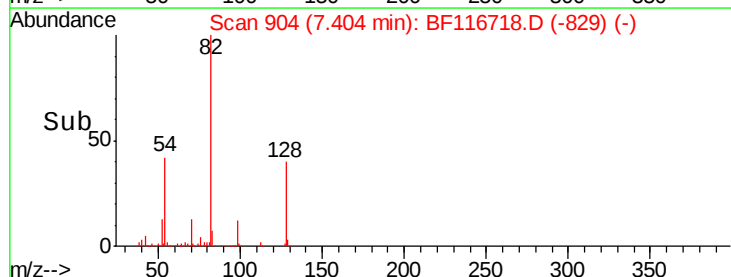


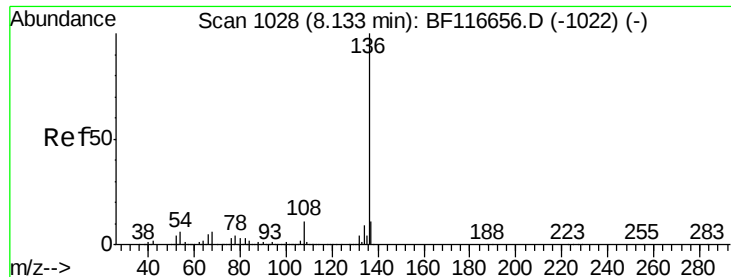
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF116718.D

Acq: 1 Sep 2019 1:51

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4

Tot Ion:136 Resp: 464351

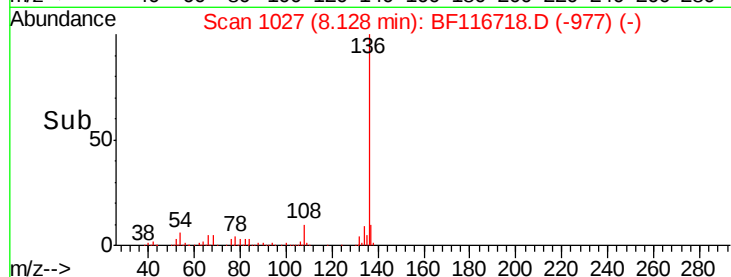
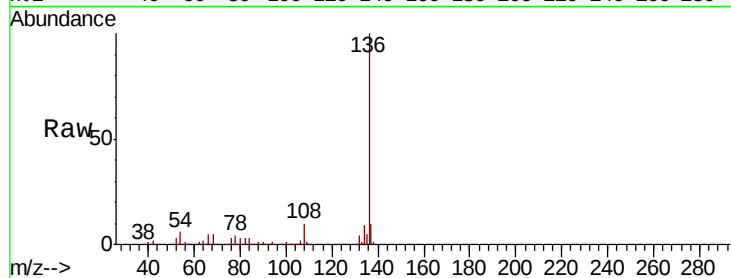
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.0 4.8 7.2

68 5.5 4.0 6.0

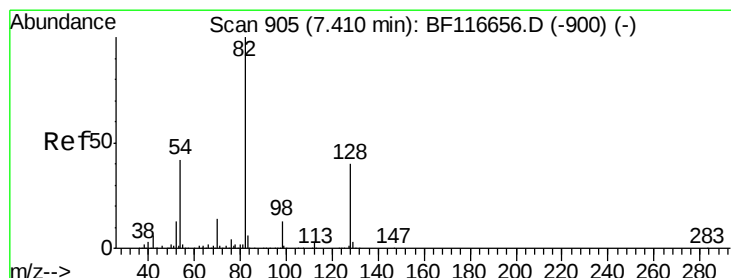
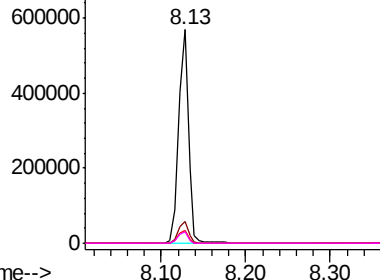


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.941 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116718.D

Acq: 1 Sep 2019 1:51

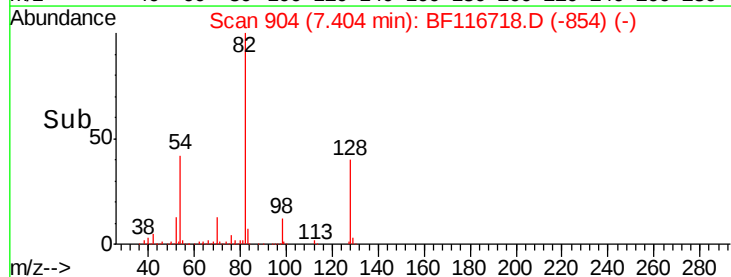
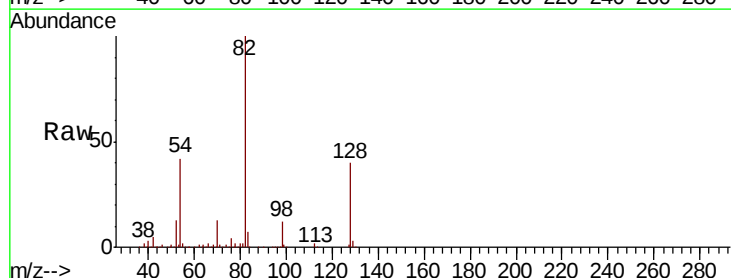
Tgt Ion: 82 Resp: 796660

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

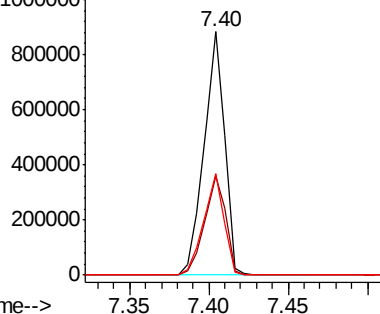
54 41.5 36.9 55.3

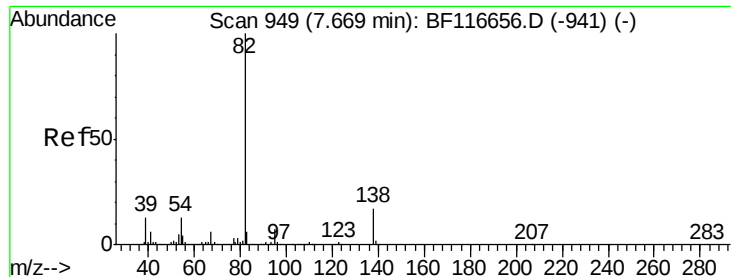


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

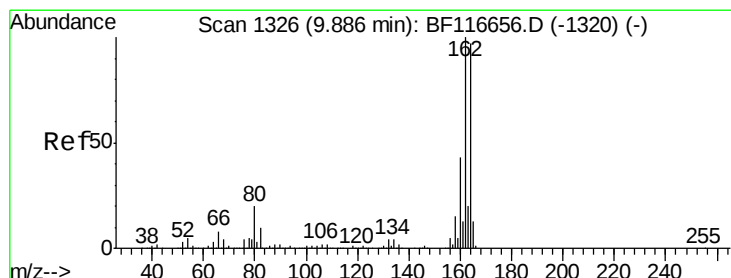
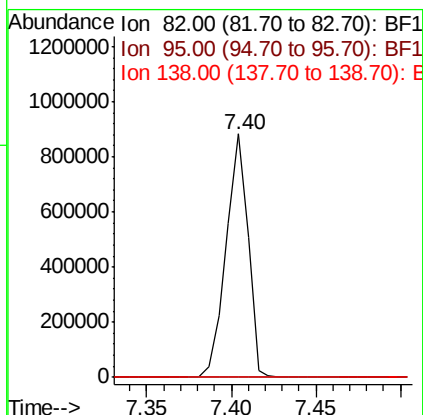
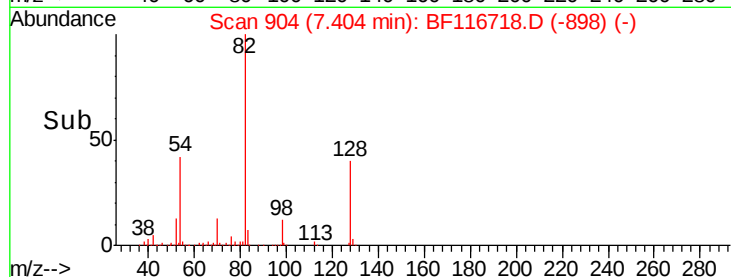
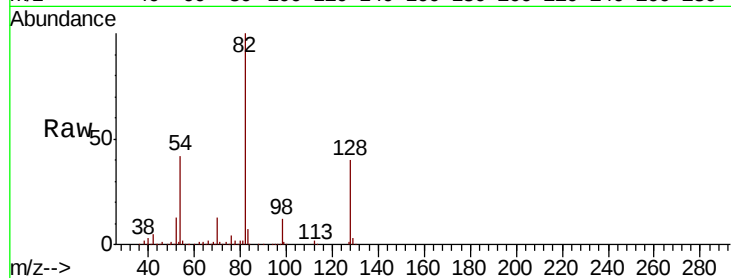




#25
Isophorone
Concen: 48.334 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116718.D
Acq: 1 Sep 2019 1:51

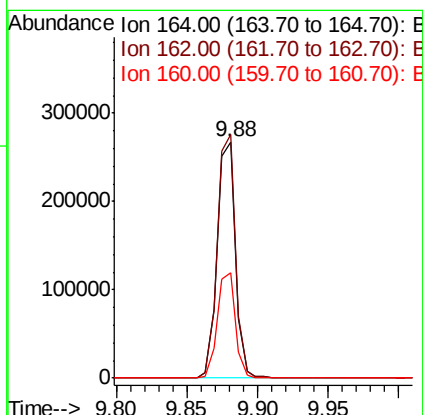
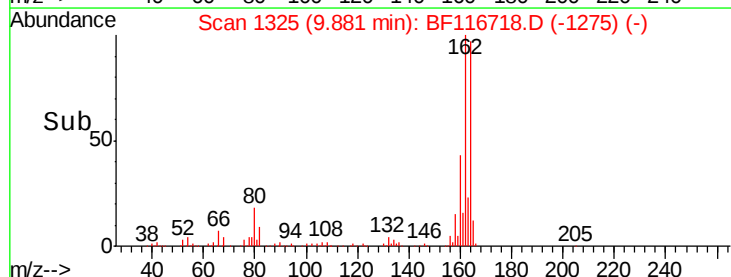
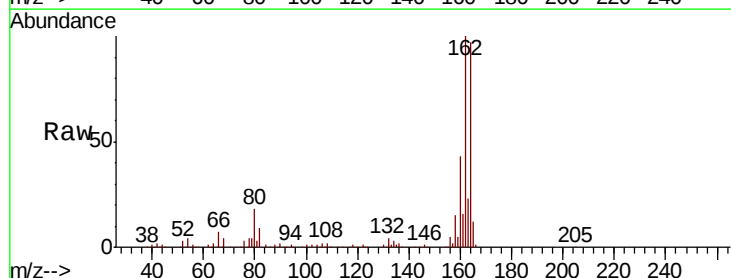
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4

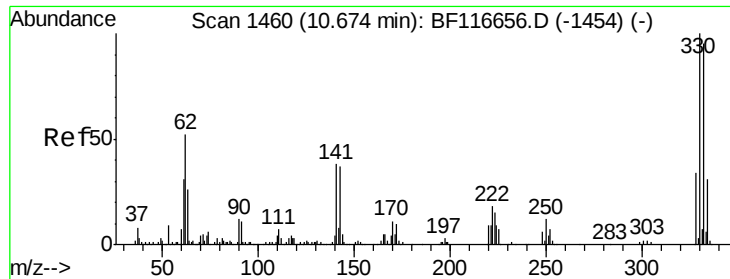
Tot Ion: 82 Resp: 796651
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116718.D
Acq: 1 Sep 2019 1:51

Tgt Ion:164 Resp: 241354
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 44.4 35.4 53.2

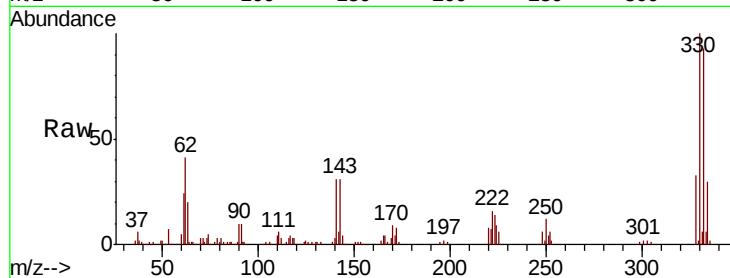




#42
 2,4,6-Tribromophenol
 Concen: 152.755 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116718.D
 Acq: 1 Sep 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	43.4	31.4	47.2

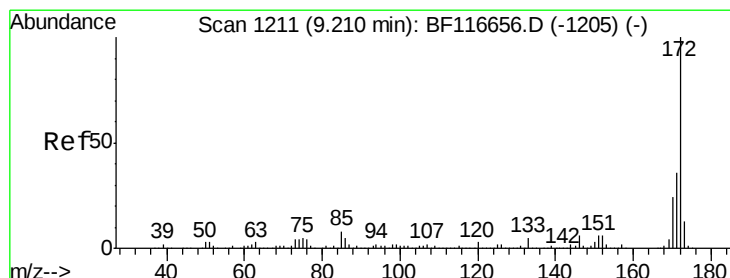
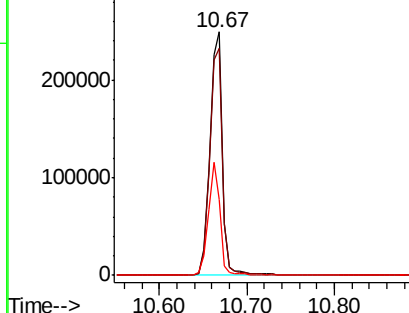
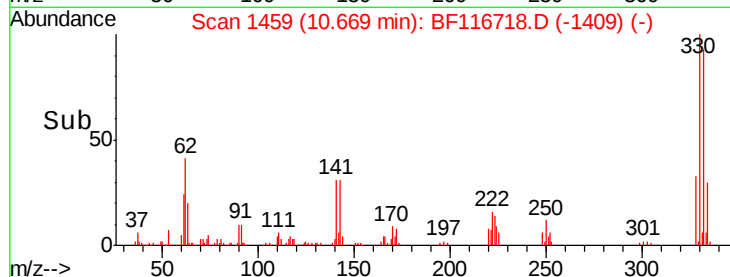


Abundance

Ion 329.80 (329.50 to 330.50): E

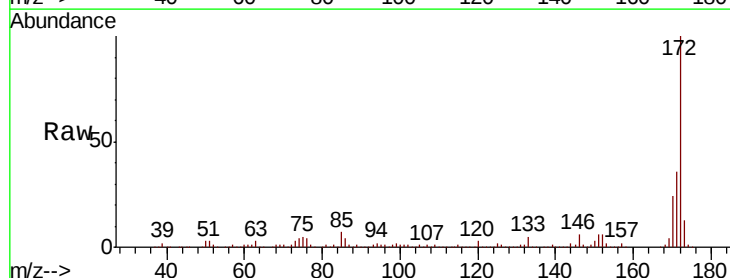
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.126 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116718.D
 Acq: 1 Sep 2019 1:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	24.4	18.9	28.3

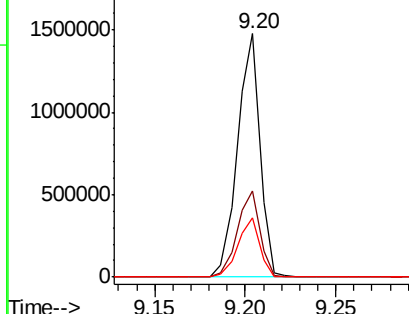
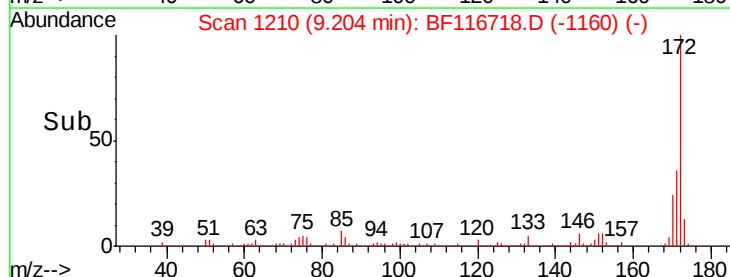


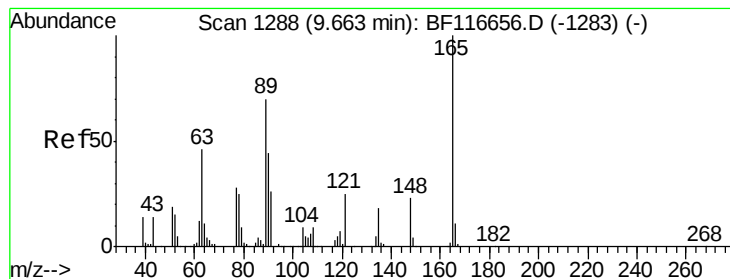
Abundance

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: 9.538 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.22 min

Lab File: BF116718.D

Acq: 1 Sep 2019 1:51

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4

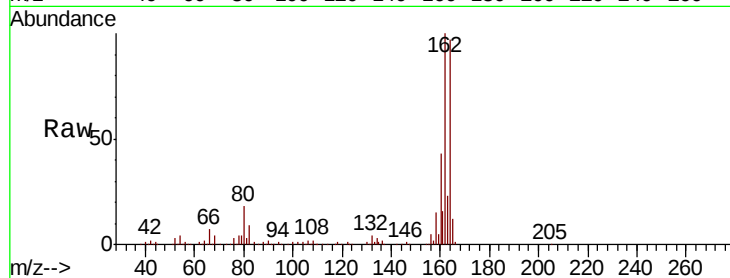
Tot Ion:165 Resp: 30322

Ion Ratio Lower Upper

165 100

63 1.2 47.3 70.9#

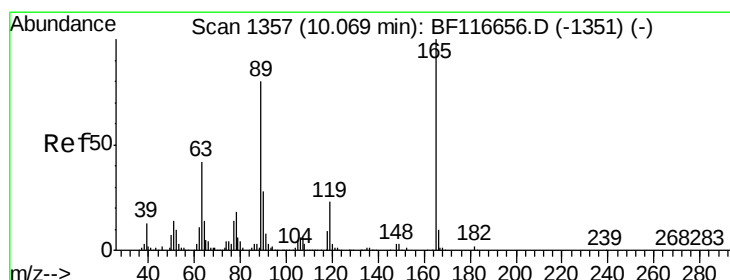
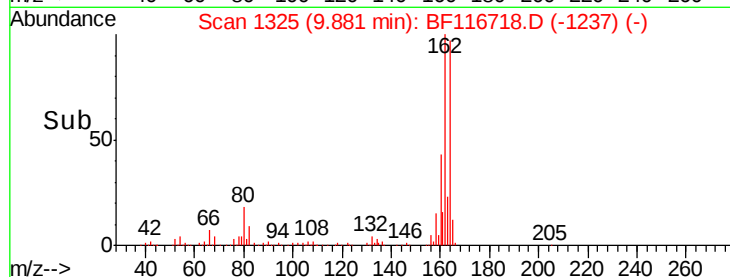
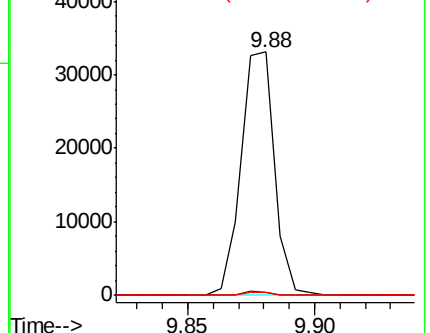
89 1.4 52.5 78.7#



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: 7.800 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF116718.D

Acq: 1 Sep 2019 1:51

Tgt Ion:165 Resp: 30322

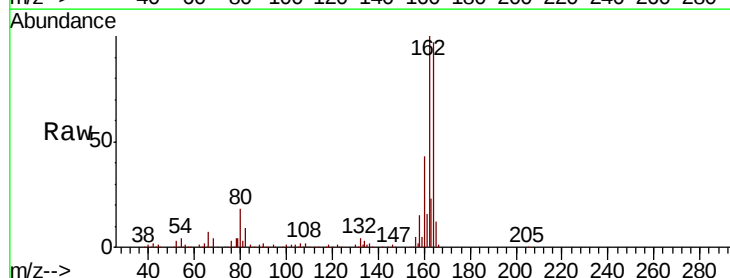
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.4 62.6 94.0#

182 0.0 2.1 3.1#

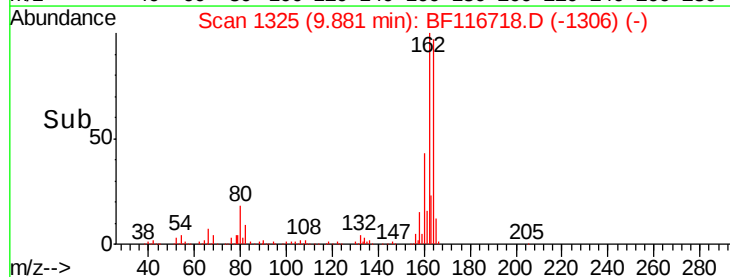
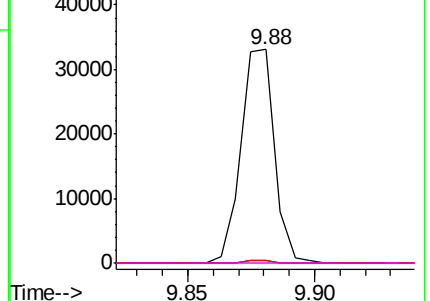


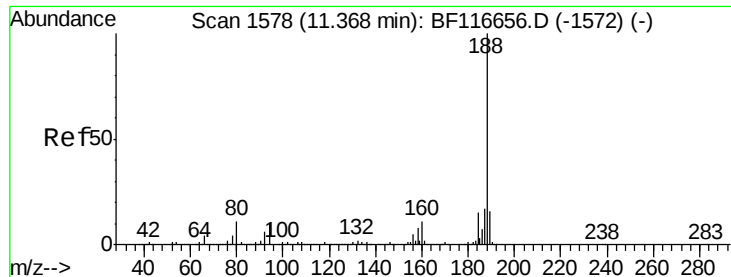
Abundance Ion 165.00 (164.70 to 165.70): E

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): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116718.D

Acq: 1 Sep 2019 1:51

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4

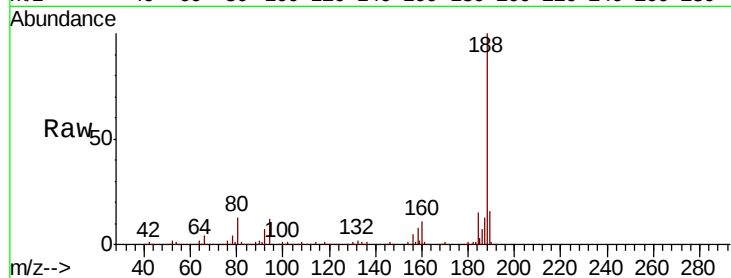
Tot Ion:188 Resp: 399050

Ion Ratio Lower Upper

188 100

94 12.0 7.3 10.9#

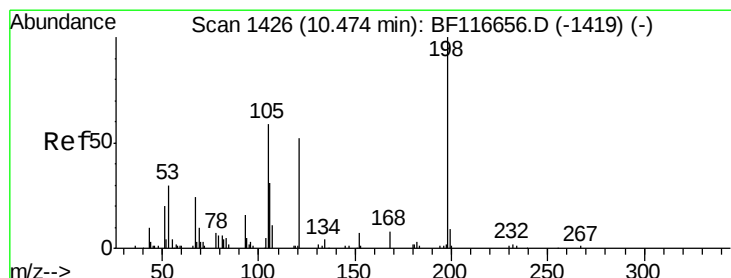
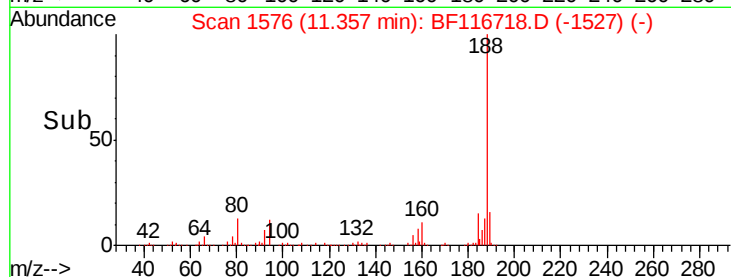
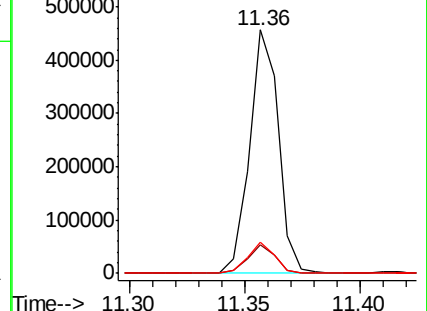
80 12.8 8.4 12.6#



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: 7.655 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116718.D

Acq: 1 Sep 2019 1:51

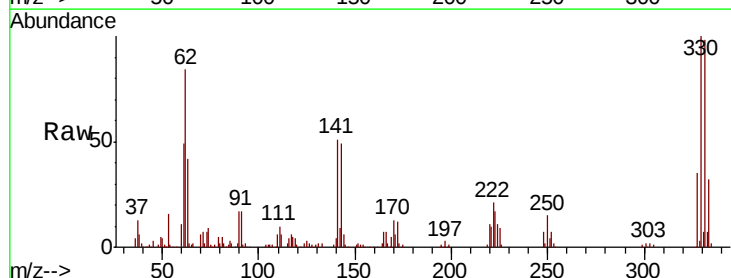
Tgt Ion:198 Resp: 354

Ion Ratio Lower Upper

198 100

51 245.5 18.4 58.4#

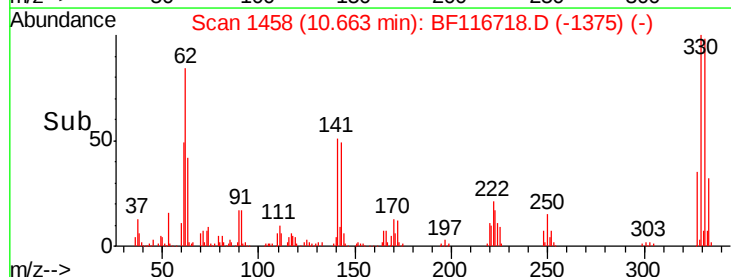
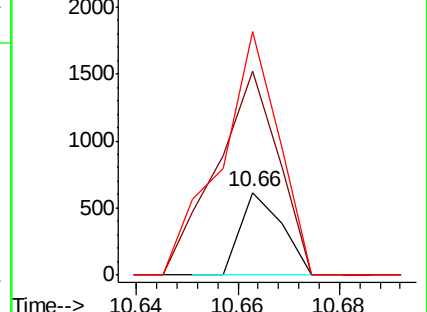
105 293.5 22.9 62.9#

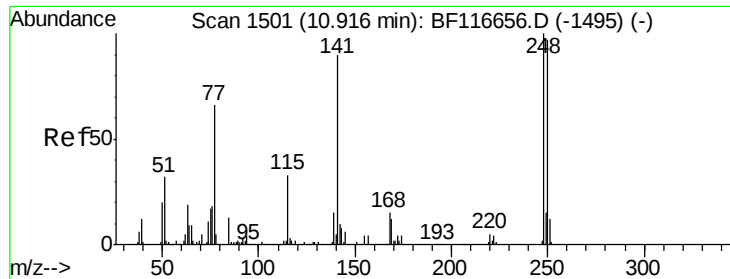


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

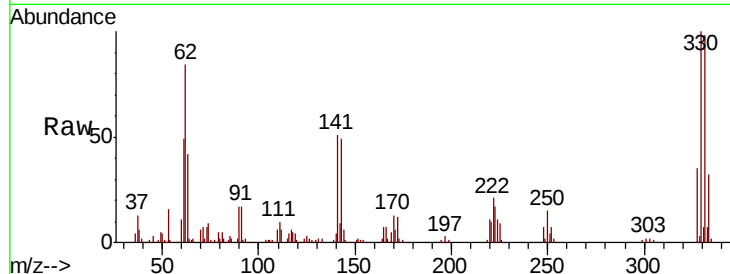




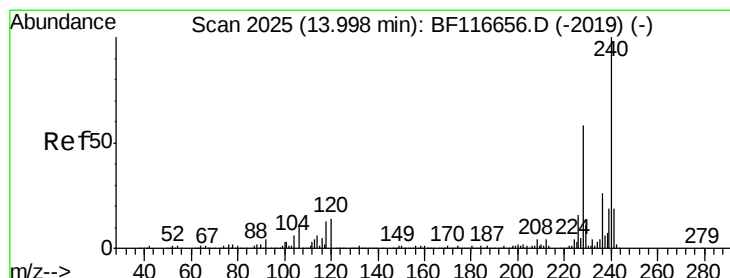
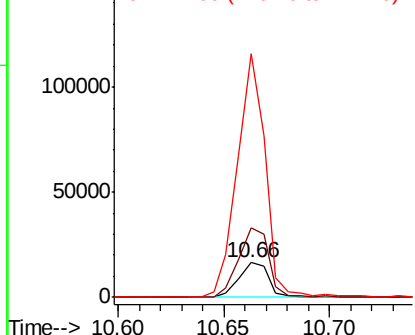
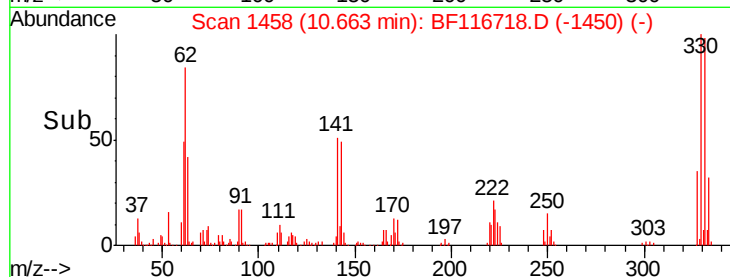
#67
4-Bromophenyl-phenylether
Concen: 3.984 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116718.D
Acq: 1 Sep 2019 1:51

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4

Tot Ion:248 Resp: 16149
Ion Ratio Lower Upper
248 100
250 198.9 77.8 116.8#
141 699.8 75.9 113.9#

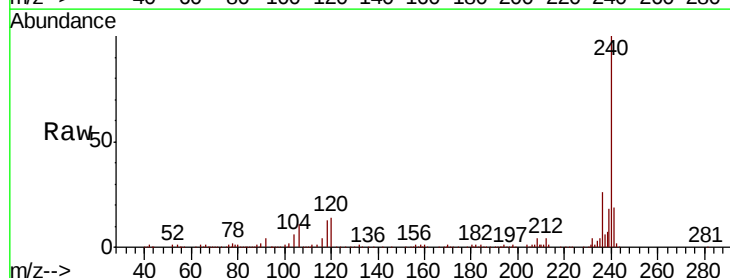


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

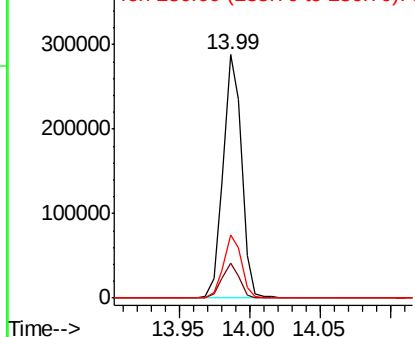
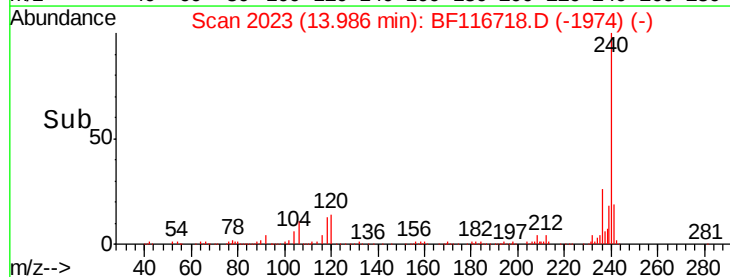


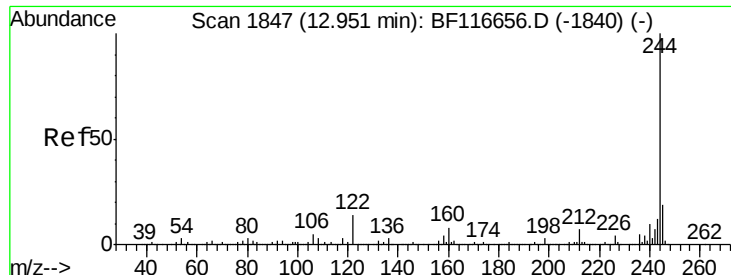
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116718.D
Acq: 1 Sep 2019 1:51

Tgt Ion:240 Resp: 263296
Ion Ratio Lower Upper
240 100
120 14.2 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

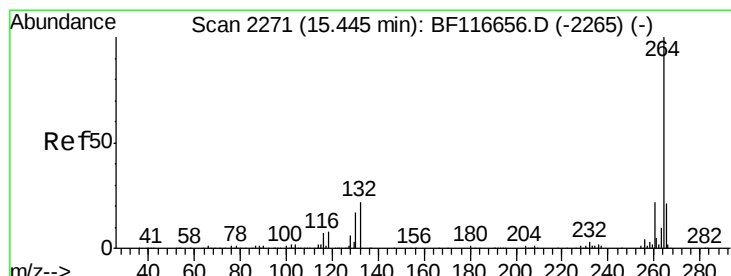
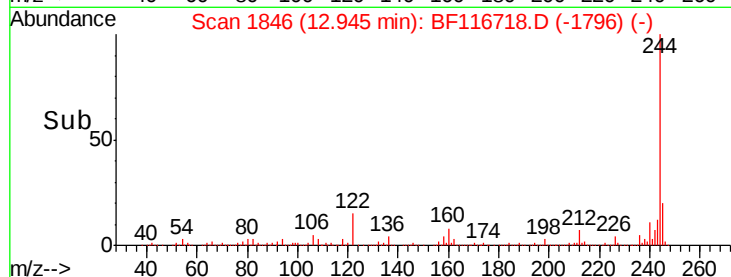
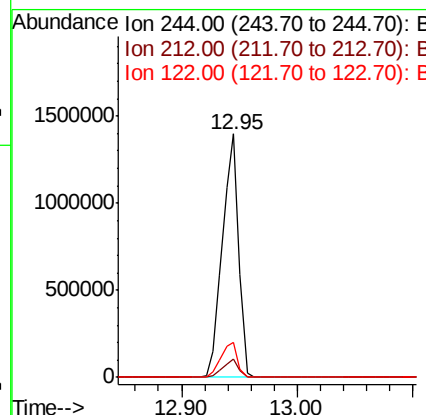
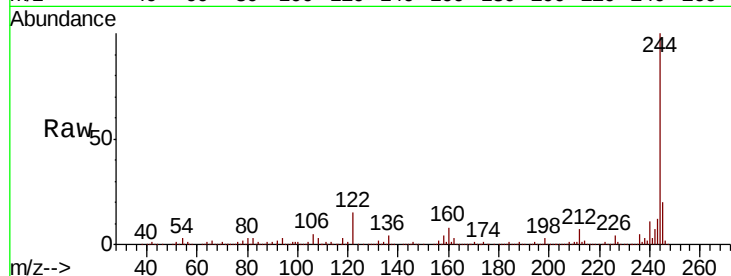




#79
 Terphenyl-d14
 Concen: 95.782 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116718.D
 Acq: 1 Sep 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4

Tot Ion:244 Resp: 1363232
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 14.6 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116718.D
 Acq: 1 Sep 2019 1:51

Tgt Ion:264 Resp: 289435
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 20.6 16.5 24.7

