

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115922.D
 Acq On : 1 Aug 2019 22:22
 Operator : HP/JU
 Sample : K4021-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Aug 02 05:02:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

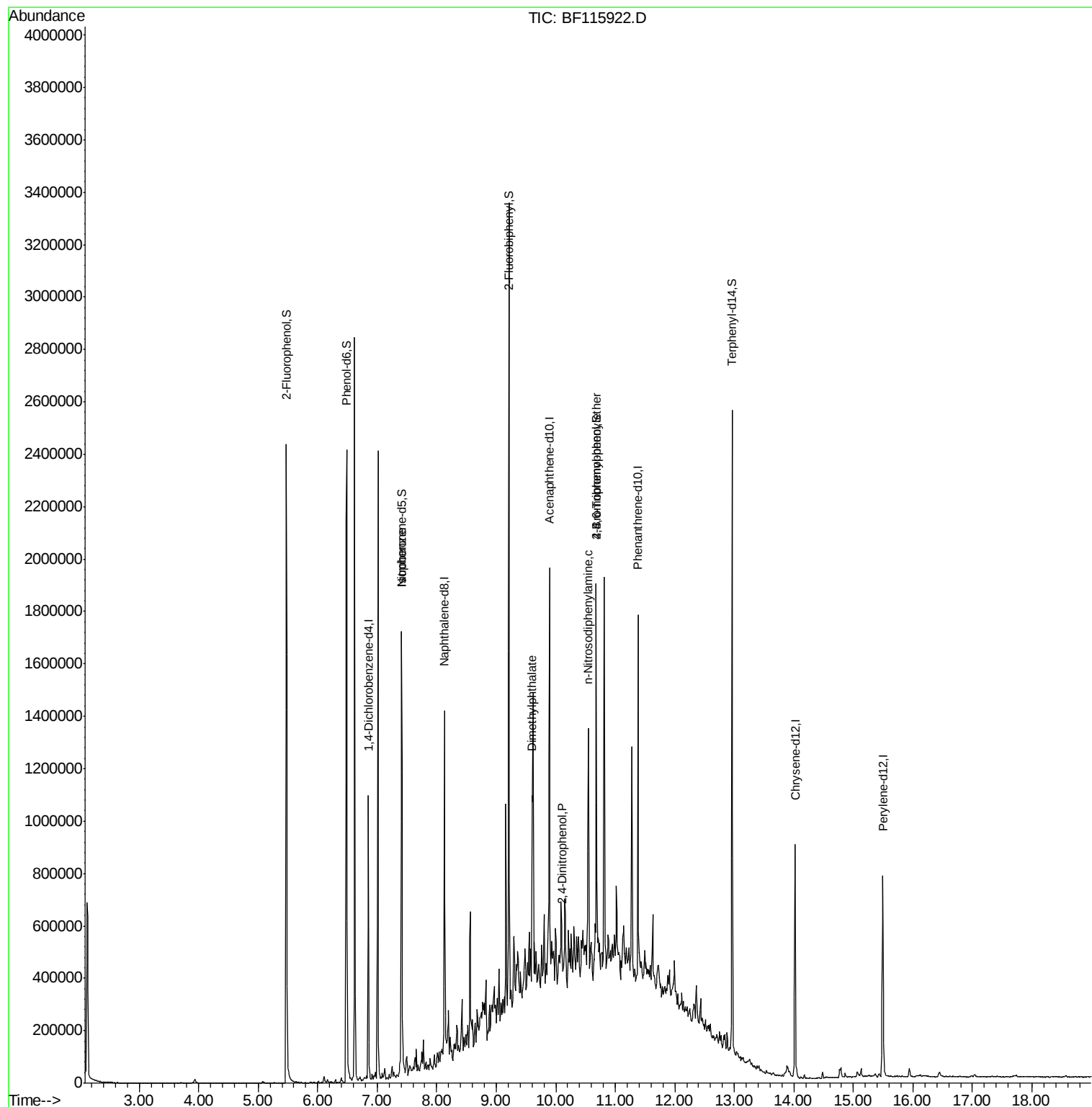
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149233	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	570098	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	292561	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	460516	20.00	ng	0.00
76) Chrysene-d12	14.02	240	311187	20.00	ng	0.00
87) Perylene-d12	15.49	264	383546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	702414	78.80	ng	0.00
7) Phenol-d6	6.49	99	919413	81.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	564469	57.15	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	190404	67.13	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	993993	63.64	ng	0.00
79) Terphenyl-d14	12.96	244	811233	54.93	ng	0.00
Target Compounds						
25) Isophorone	7.41	82	559922	29.649	ng	# 66
50) Dimethylphthalate	9.60	163	153072	7.684	ng	# 98
54) 2,4-Dinitrophenol	10.11	184	326	7.946	ng	# 1
66) n-Nitrosodiphenylamine	10.55	169	39000	2.814	ng	# 46
67) 4-Bromophenyl-phenylether	10.68	248	11241	2.280	ng	# 1

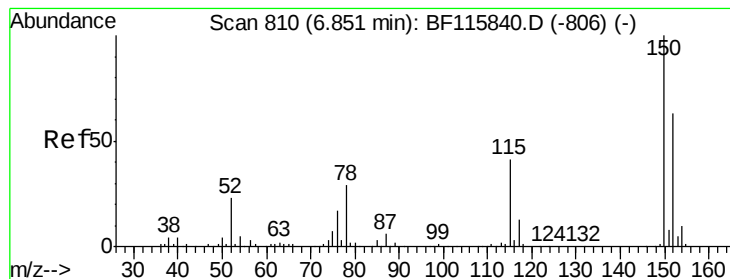
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
Data File : BF115922.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 02 05:02:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF115922.D

Acq: 1 Aug 2019 22:22

Instrument :

BNA_F

ClientSampleId :

TP-10

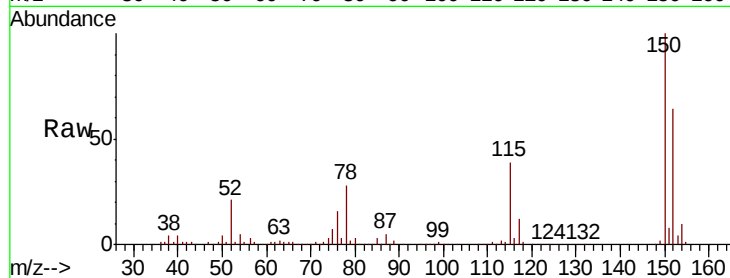
Tgt Ion:152 Resp: 149233

Ion Ratio Lower Upper

152 100

150 156.1 127.4 191.0

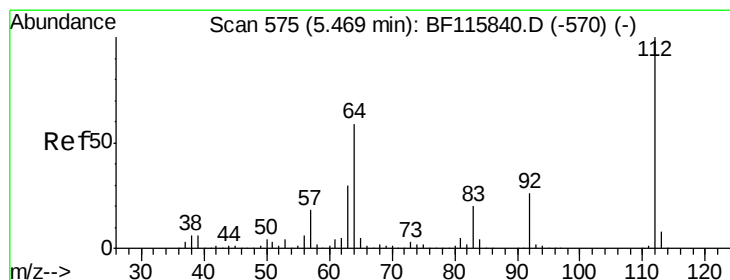
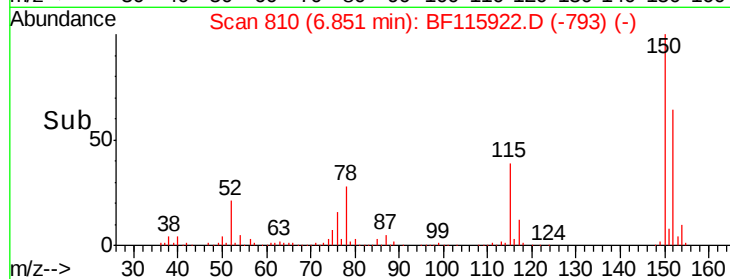
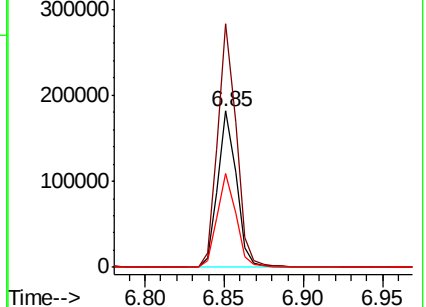
115 60.3 51.8 77.8



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: 78.795 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115922.D

Acq: 1 Aug 2019 22:22

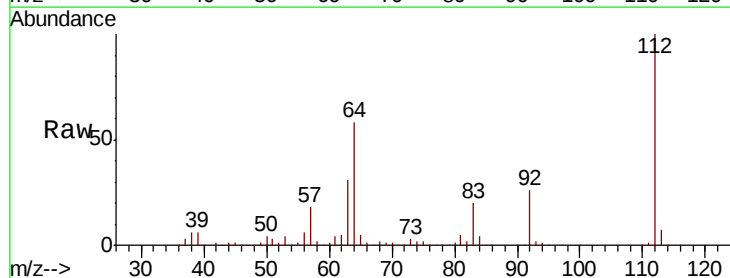
Tgt Ion:112 Resp: 702414

Ion Ratio Lower Upper

112 100

64 58.4 46.8 70.2

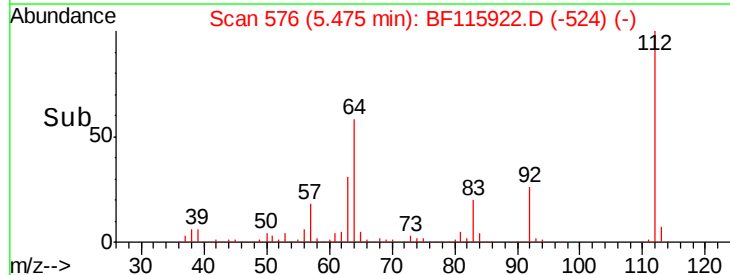
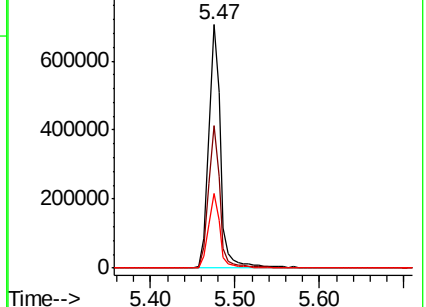
63 30.5 24.2 36.2

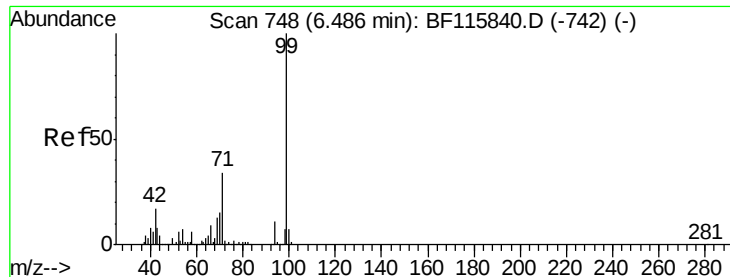


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.747 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115922.D

Acq: 1 Aug 2019 22:22

Instrument :

BNA_F

ClientSampleId :

TP-10

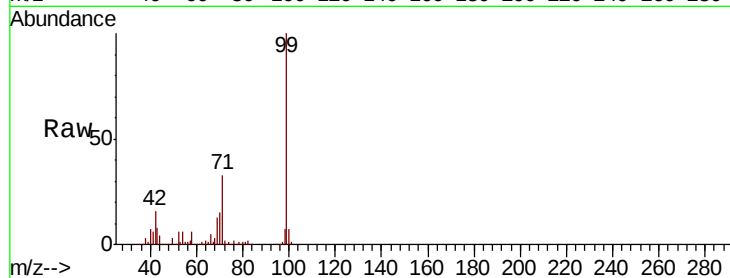
Tgt Ion: 99 Resp: 919413

Ion Ratio Lower Upper

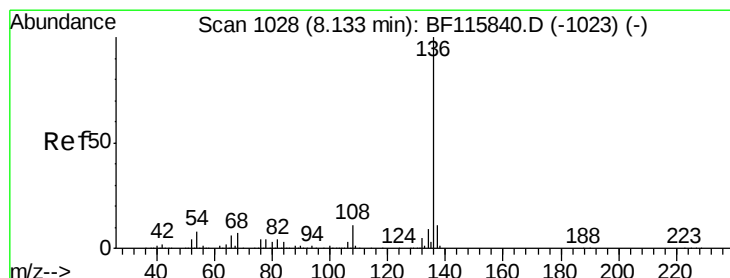
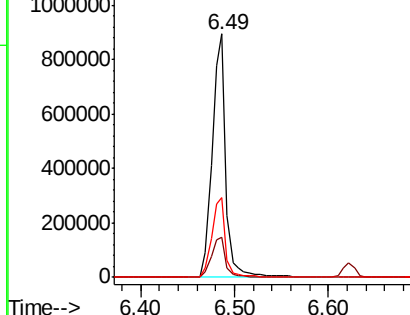
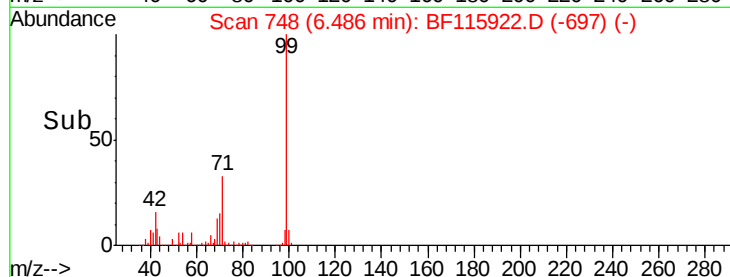
99 100

42 16.2 13.8 20.6

71 33.0 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF115922.D

Acq: 1 Aug 2019 22:22

Tgt Ion: 136 Resp: 570098

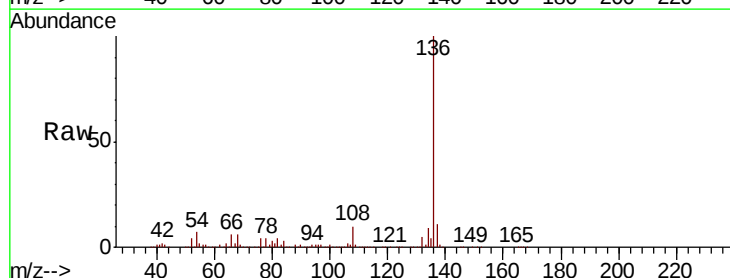
Ion Ratio Lower Upper

136 100

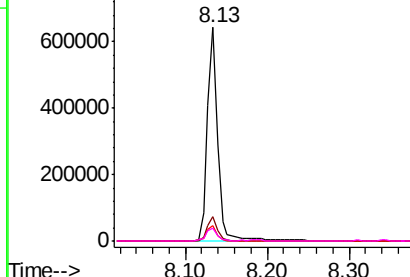
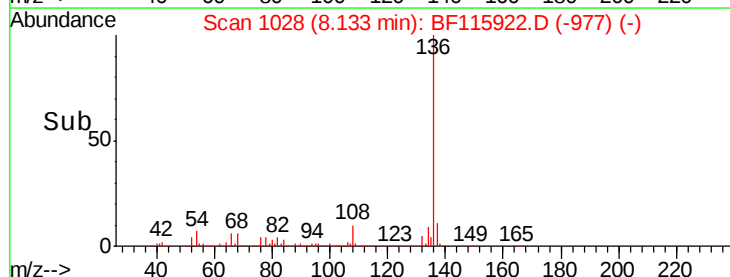
137 11.2 9.1 13.7

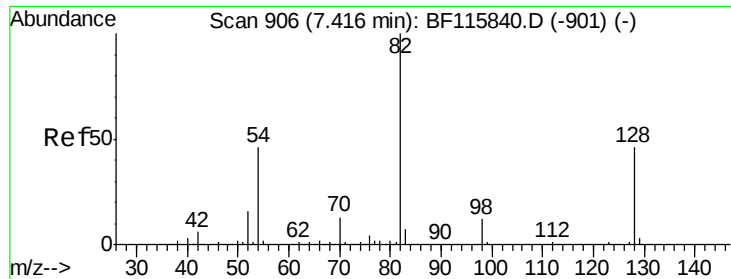
54 6.9 6.1 9.1

68 6.2 5.4 8.2



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

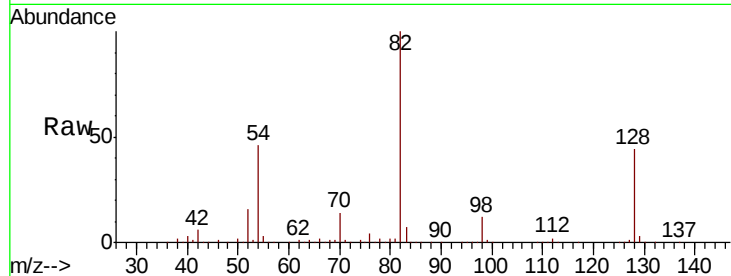




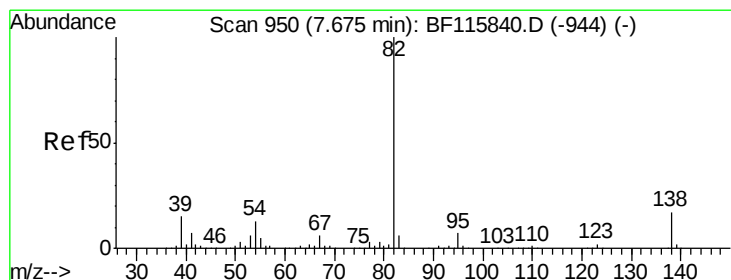
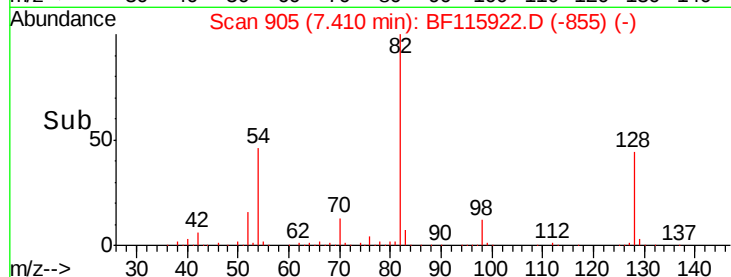
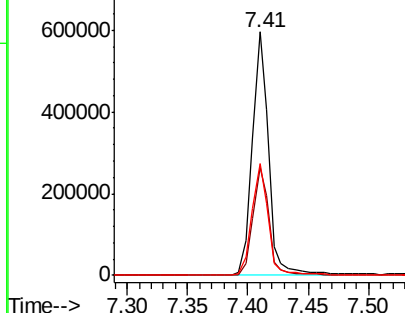
#23
Nitrobenzene-d5
Concen: 57.153 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115922.D
Acq: 1 Aug 2019 22:22

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.6	55.0
54	45.8	36.6	55.0

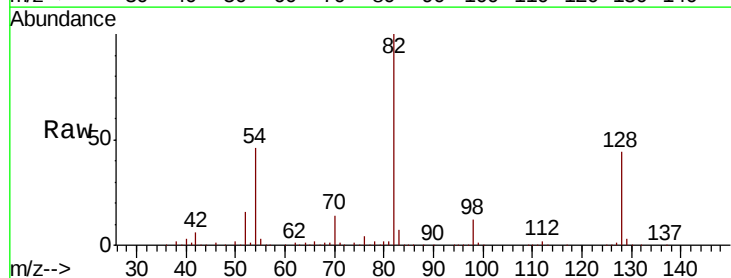


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

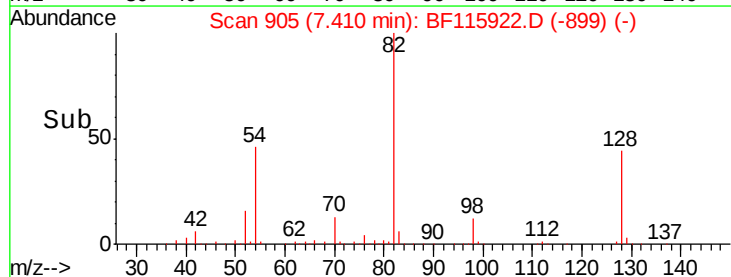
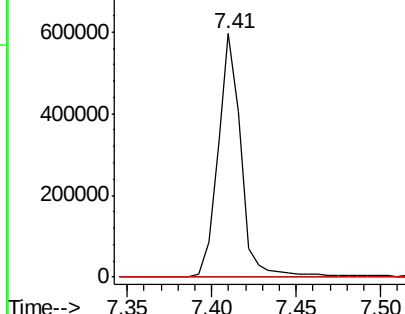


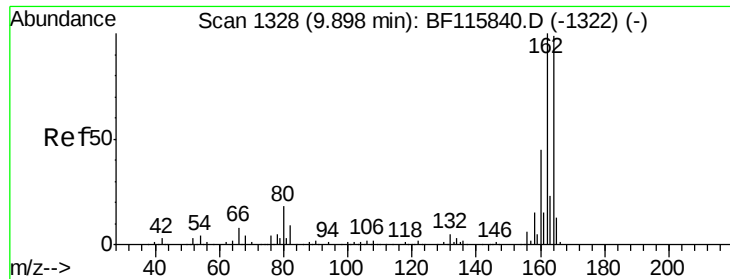
#25
Isophorone
Concen: 29.649 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF115922.D
Acq: 1 Aug 2019 22:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.5	8.3#
138	0.0	13.9	20.9#



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

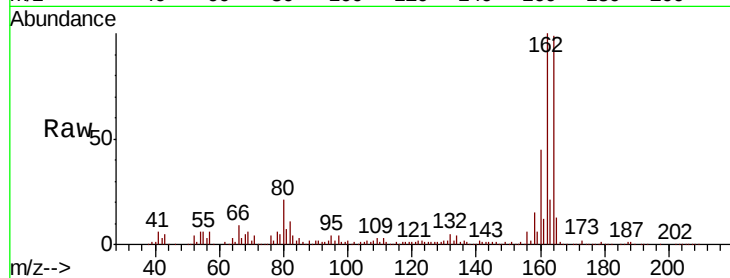




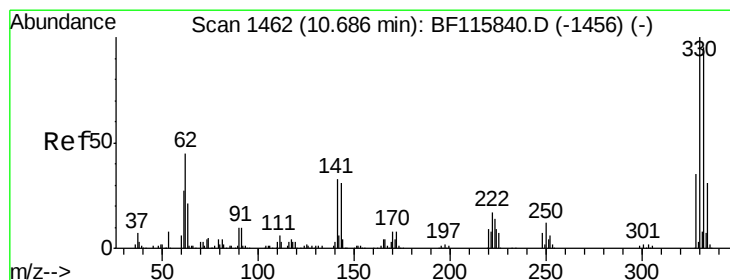
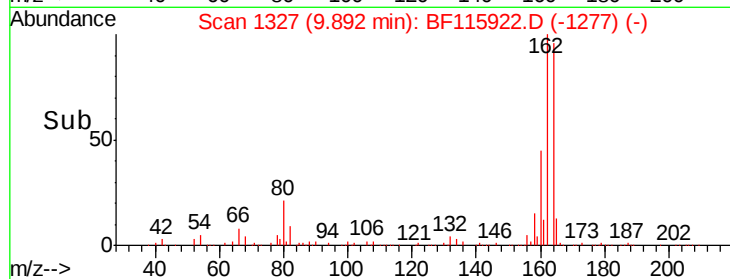
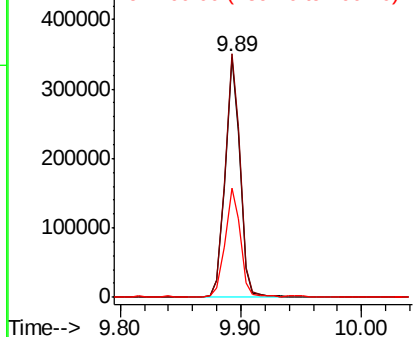
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115922.D
 Acq: 1 Aug 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tgt Ion:164 Resp: 292561
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.8 121.2
 160 45.7 36.2 54.4

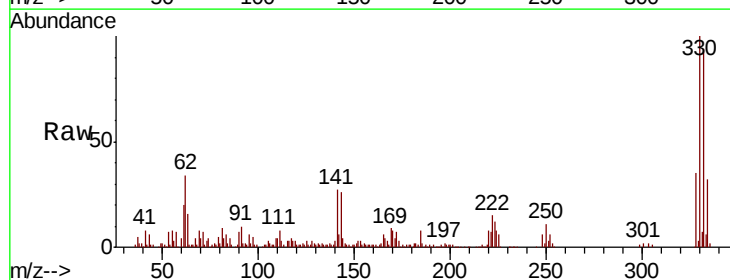


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

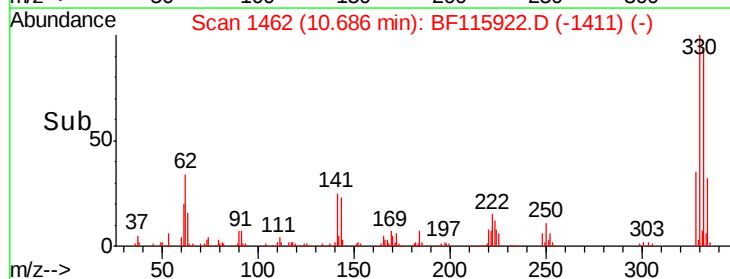
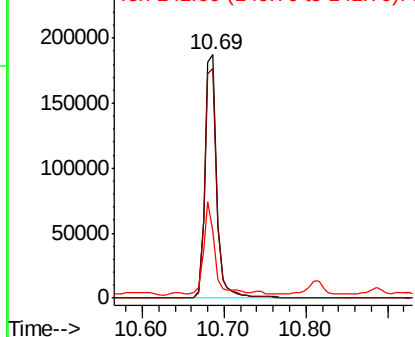


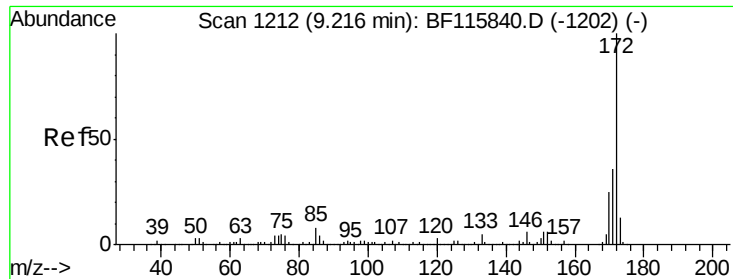
#42
 2,4,6-Tribromophenol
 Concen: 67.127 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF115922.D
 Acq: 1 Aug 2019 22:22

Tgt Ion:330 Resp: 190404
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.7 116.5
 141 34.0 28.1 42.1



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

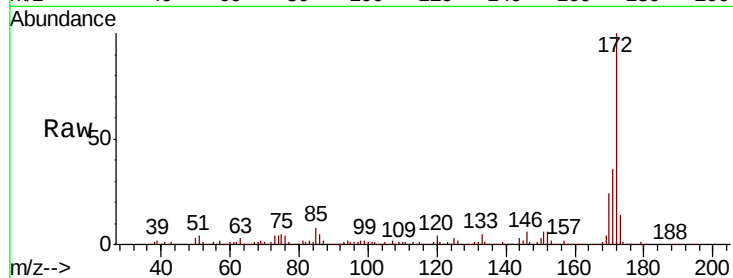




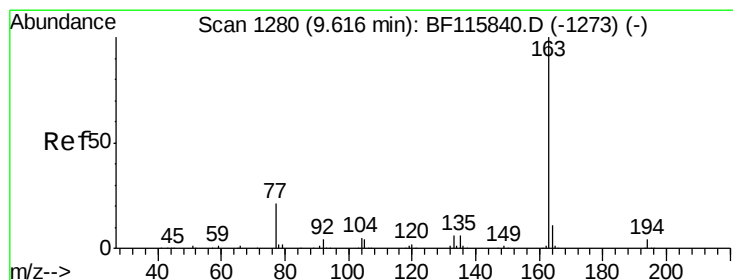
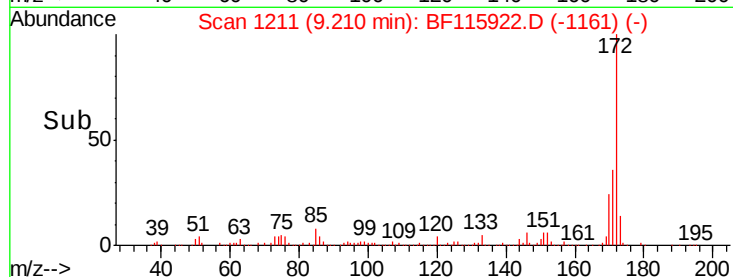
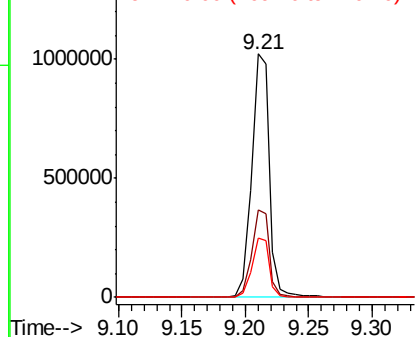
#45
2-Fluorobiphenyl
Concen: 63.639 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115922.D
Acq: 1 Aug 2019 22:22

Instrument :
BNA_F
ClientSampled :
TP-10

Tgt Ion:172 Resp: 993993
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 24.2 20.1 30.1

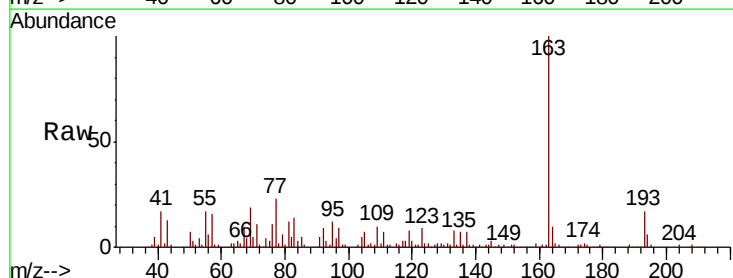


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

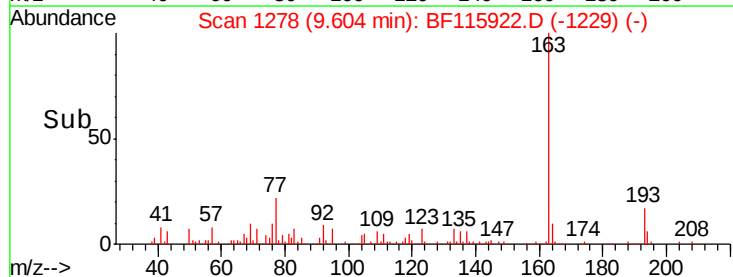
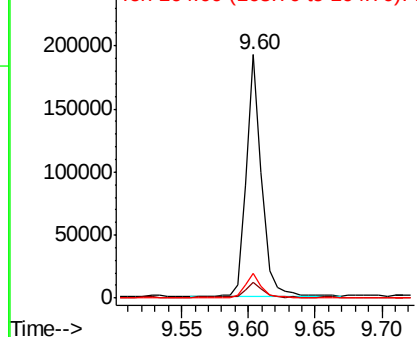


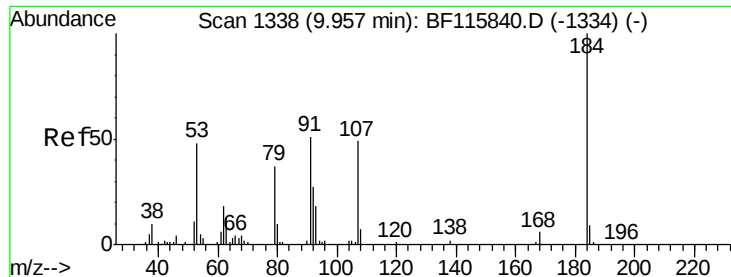
#50
Dimethylphthalate
Concen: 7.684 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115922.D
Acq: 1 Aug 2019 22:22

Tgt Ion:163 Resp: 153072
Ion Ratio Lower Upper
163 100
194 6.5 3.0 4.6#
164 10.4 8.4 12.6



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





#54

2,4-Dinitrophenol

Concen: 7.946 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.15 min

Lab File: BF115922.D

Acq: 1 Aug 2019 22:22

Instrument :

BNA_F

ClientSampled :

TP-10

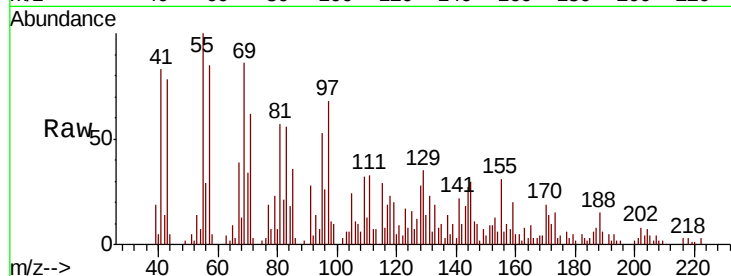
Tgt Ion:184 Resp: 326

Ion Ratio Lower Upper

184 100

63 178.0 56.7 85.1#

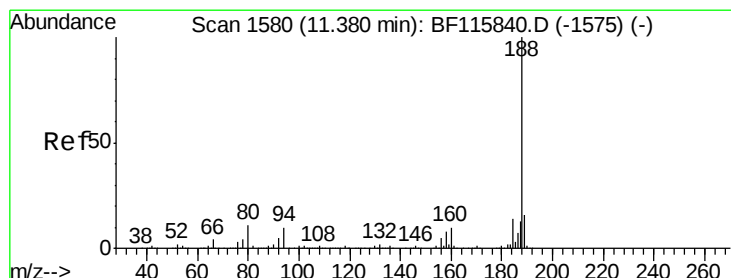
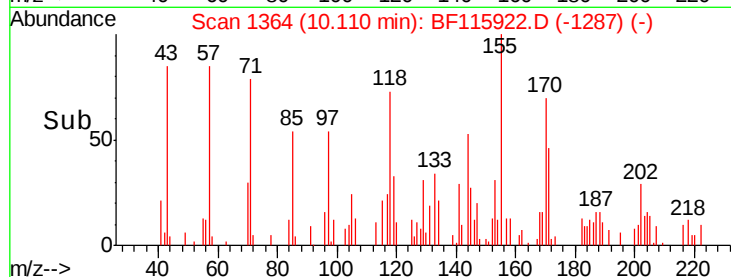
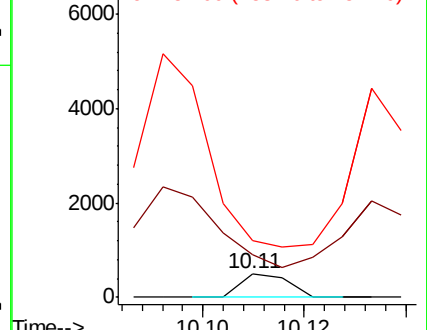
154 236.3 51.9 77.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF115922.D

Acq: 1 Aug 2019 22:22

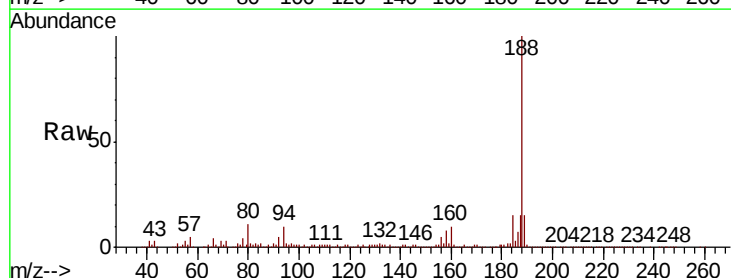
Tgt Ion:188 Resp: 460516

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

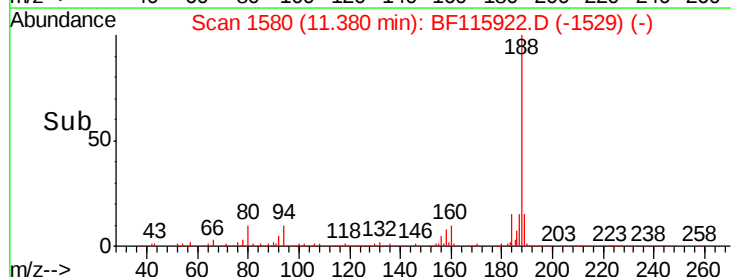
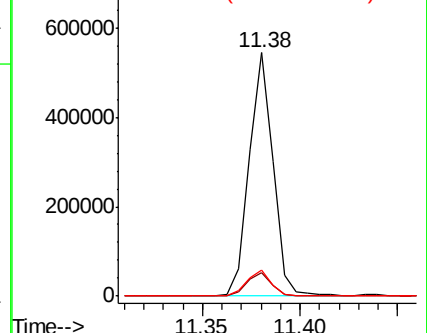
80 10.7 8.6 12.8

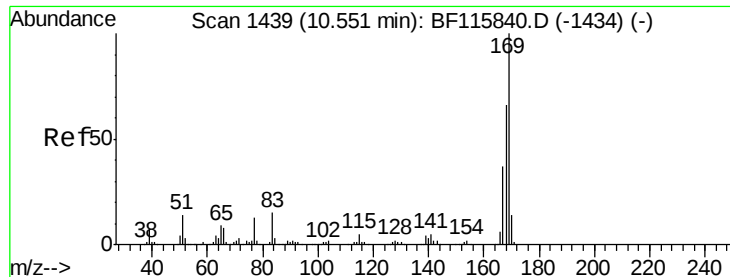


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

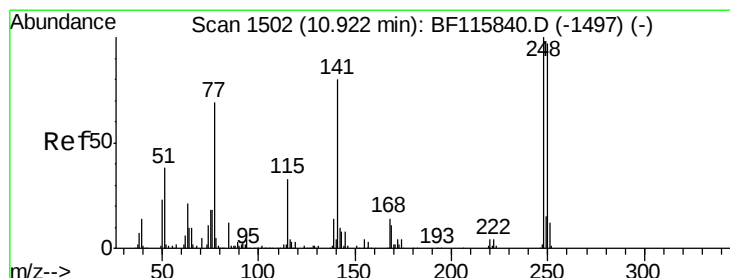
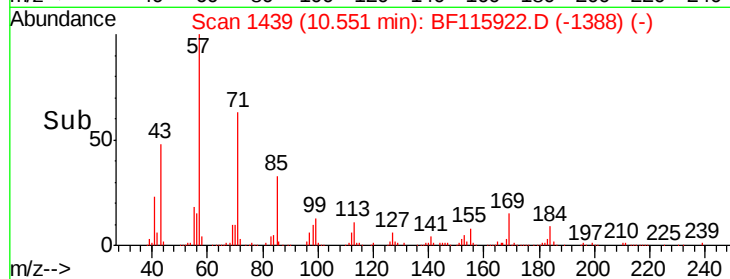
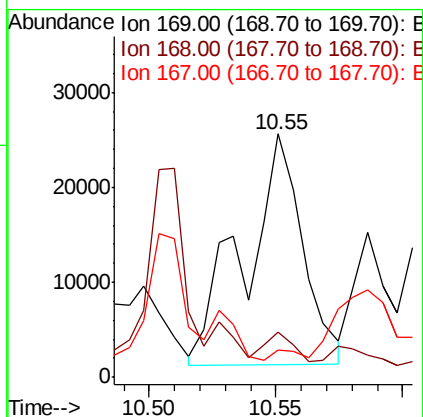
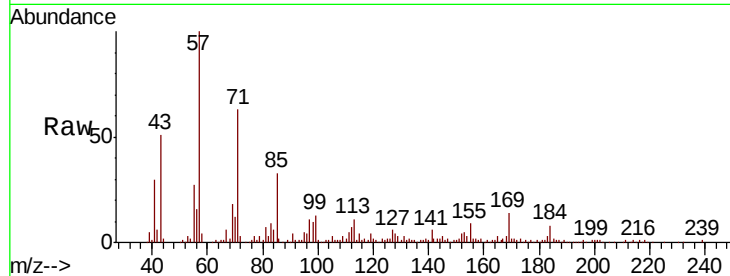




#66
 n-Nitrosodiphenylamine
 Concen: 2.814 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF115922.D
 Acq: 1 Aug 2019 22:22

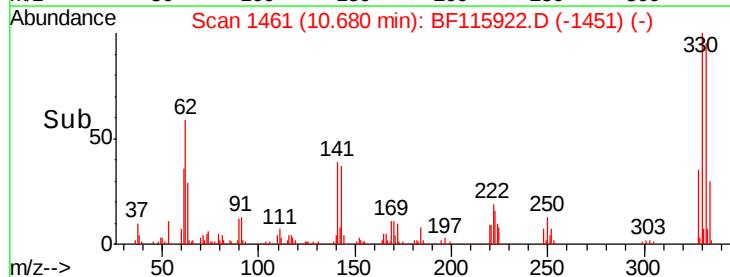
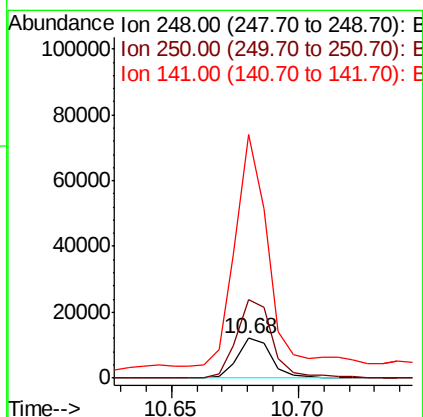
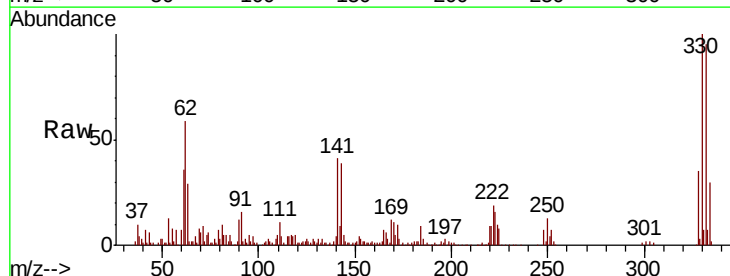
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

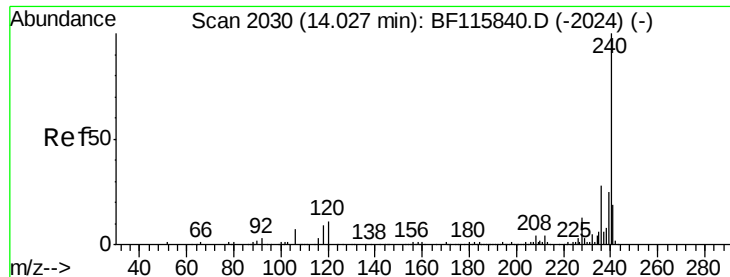
Tgt Ion:169 Resp: 39000
 Ion Ratio Lower Upper
 169 100
 168 18.3 53.0 79.6#
 167 11.0 29.9 44.9#



#67
 4-Bromophenyl-phenylether
 Concen: 2.280 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115922.D
 Acq: 1 Aug 2019 22:22

Tgt Ion:248 Resp: 11241
 Ion Ratio Lower Upper
 248 100
 250 197.3 77.8 116.6#
 141 608.4 64.3 96.5#

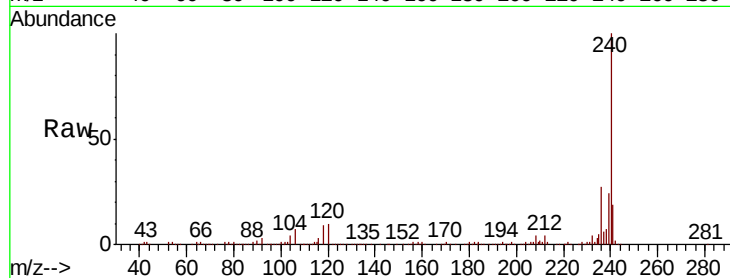




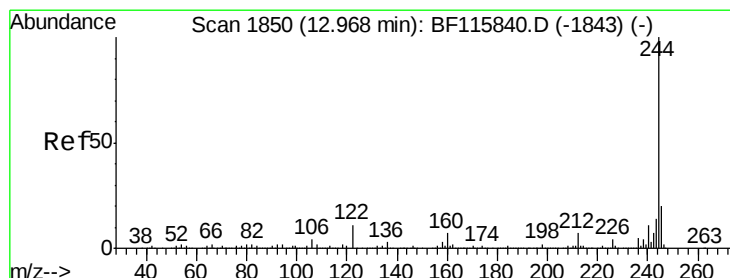
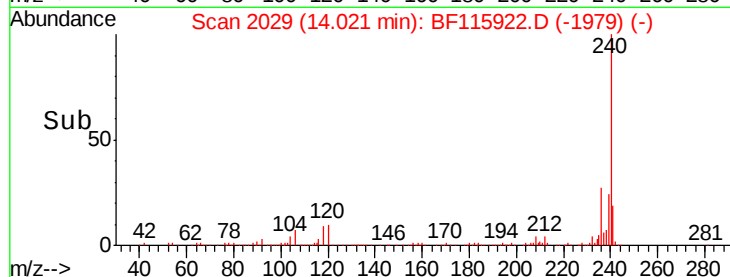
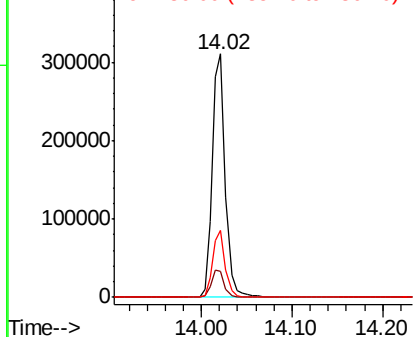
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115922.D
Acq: 1 Aug 2019 22:22

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion:240 Resp: 311187
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 27.3 22.2 33.2

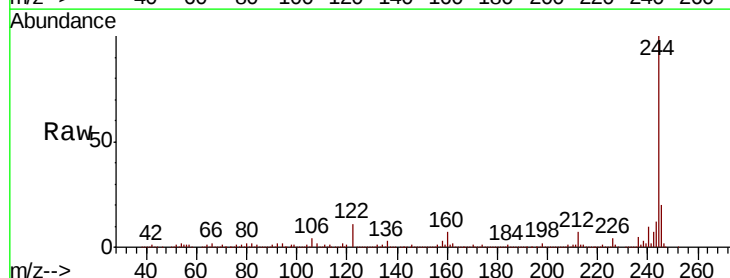


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

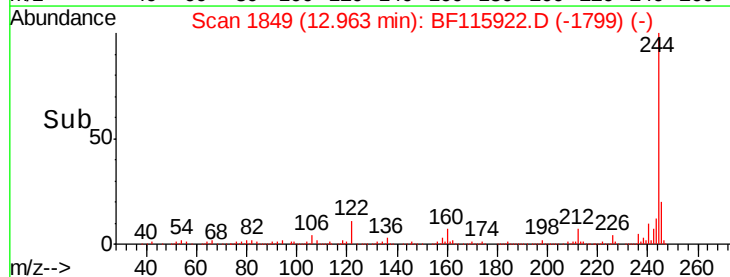
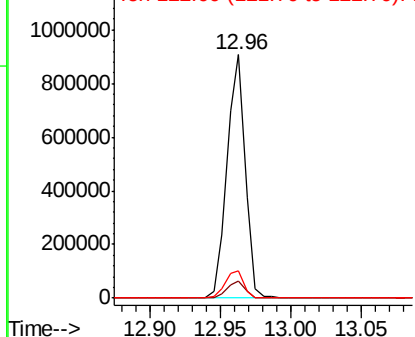


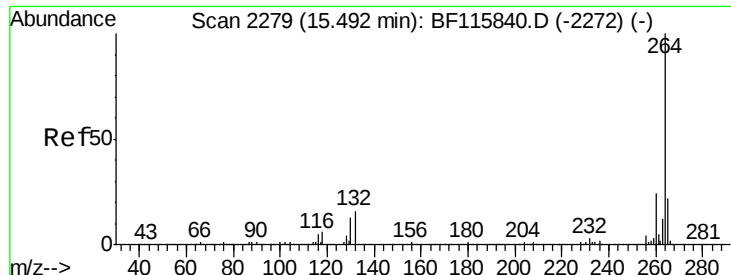
#79
Terphenyl-d14
Concen: 54.932 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115922.D
Acq: 1 Aug 2019 22:22

Tgt Ion:244 Resp: 811233
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.0 8.6 13.0



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

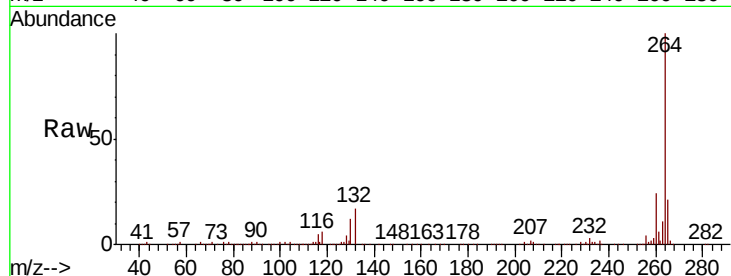




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF115922.D
Acq: 1 Aug 2019 22:22

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.3	17.5	26.3



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

