

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115941.D
 Acq On : 2 Aug 2019 12:43
 Operator : HP/JU
 Sample : K4021-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Aug 02 16:44:23 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

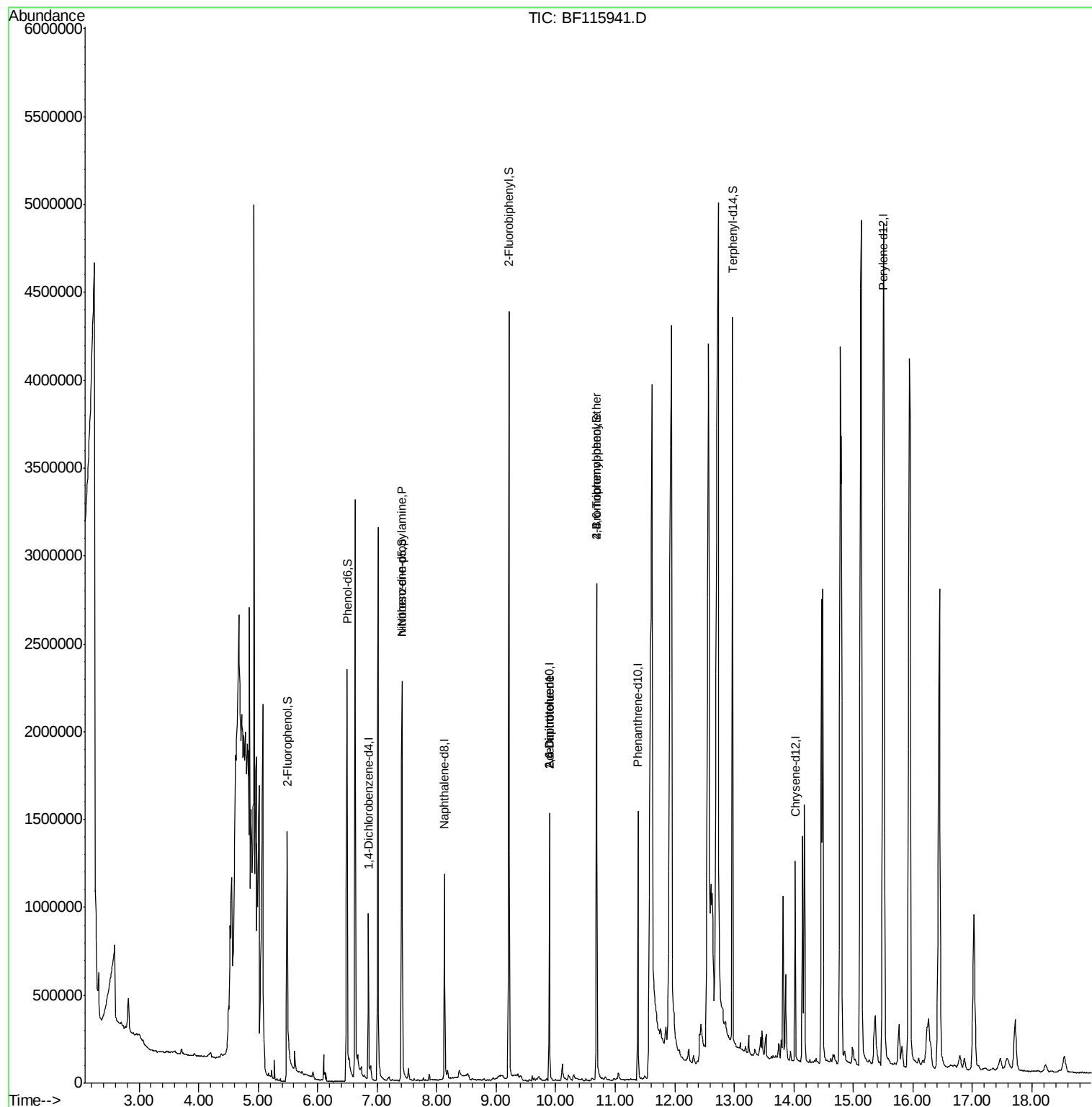
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141884	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	521489	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	291234	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	507807	20.00	ng	0.00
76) Chrysene-d12	14.02	240	348671	20.00	ng	0.00
87) Perylene-d12	15.50	264	275269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	661160	78.01	ng	0.02
7) Phenol-d6	6.49	99	1038939	97.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	860779	95.28	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	374939	132.79	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1461317	93.98	ng	0.00
79) Terphenyl-d14	12.97	244	1649670	99.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	117011	17.658	ng	# 78
51) 2,6-Dinitrotoluene	9.89	165	37475	8.696	ng	# 29
57) 2,4-Dinitrotoluene	9.89	165	37475	6.532	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	22418	4.124	ng	# 1

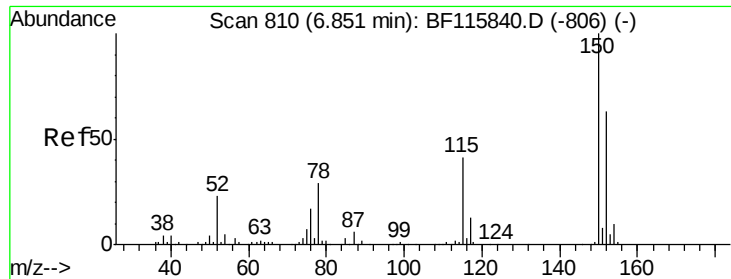
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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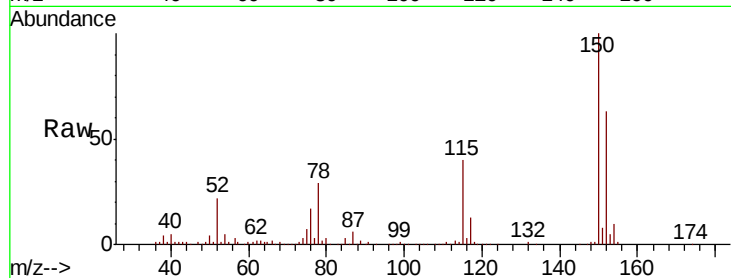


#1

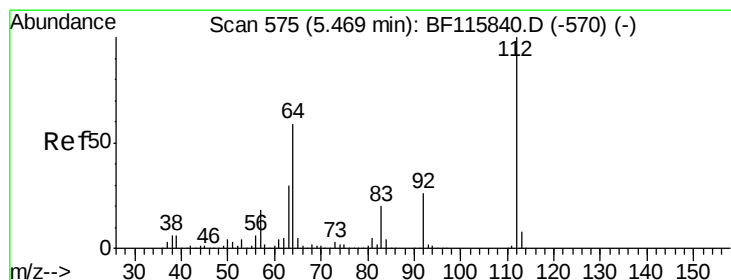
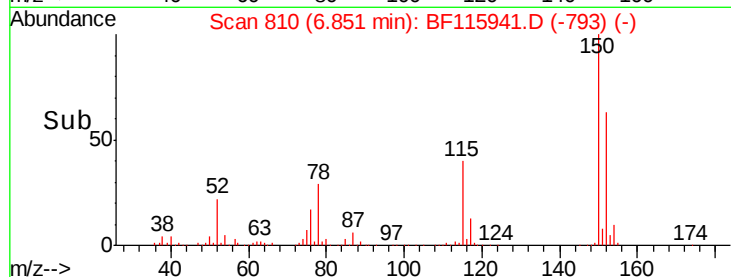
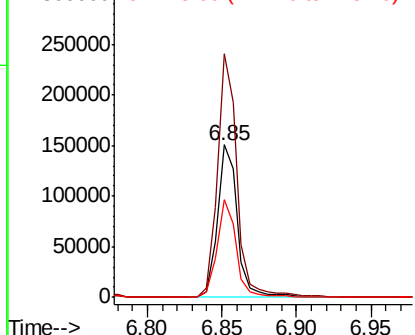
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115941.D
Acq: 2 Aug 2019 12:43

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:152 Resp: 141884
Ion Ratio Lower Upper
152 100
150 159.7 127.4 191.0
115 63.7 51.8 77.8



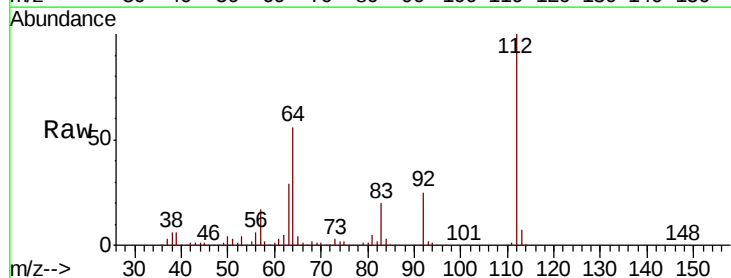
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



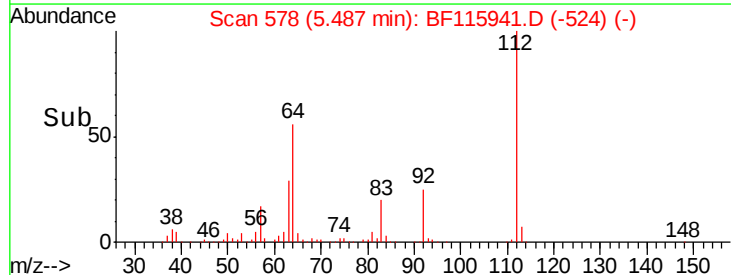
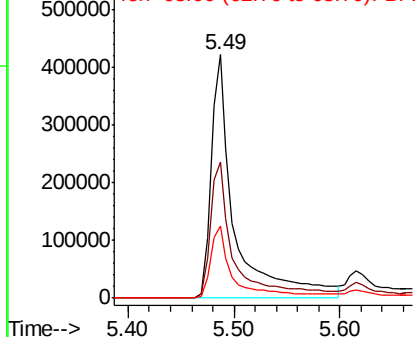
#5

2-Fluorophenol
Concen: 78.009 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115941.D
Acq: 2 Aug 2019 12:43

Tgt Ion:112 Resp: 661160
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 29.4 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: 97.158 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115941.D

Acq: 2 Aug 2019 12:43

Instrument :

BNA_F

ClientSampled :

TP-10

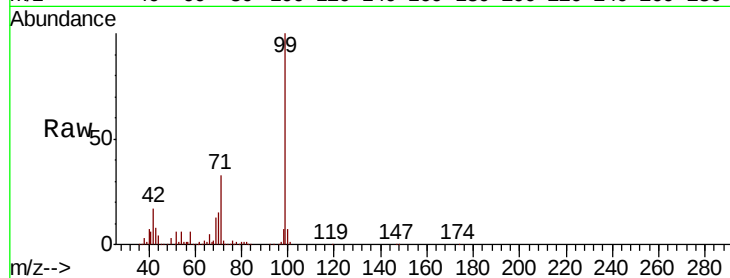
Tot Ion: 99 Resp: 1038939

Ion Ratio Lower Upper

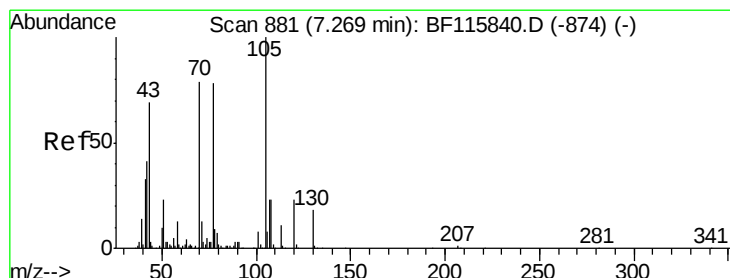
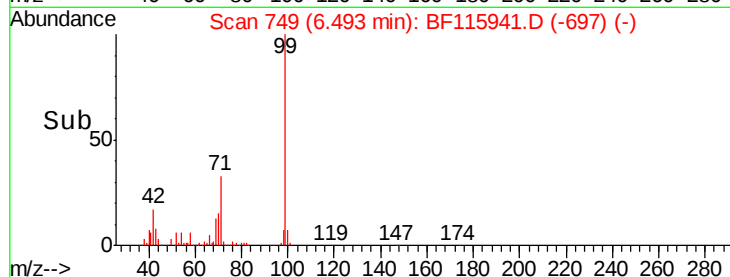
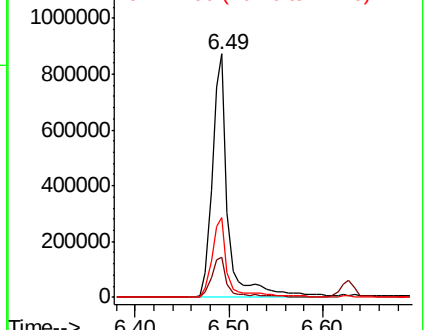
99 100

42 16.6 13.8 20.6

71 32.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.658 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115941.D

Acq: 2 Aug 2019 12:43

Tgt Ion: 70 Resp: 117011

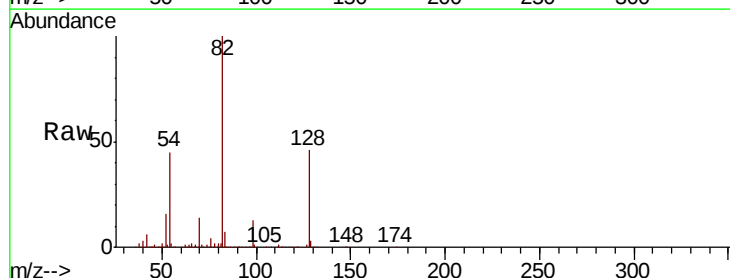
Ion Ratio Lower Upper

70 100

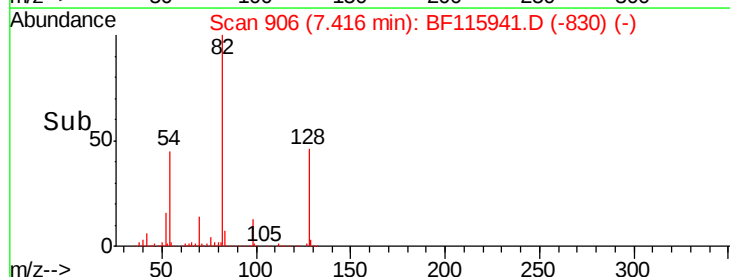
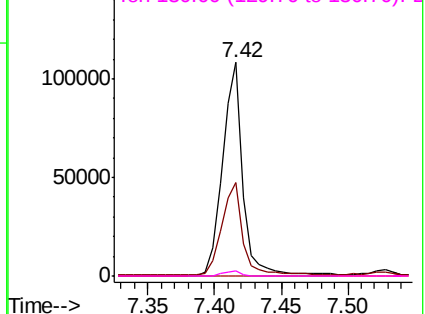
42 43.6 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#



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# 1028

Delta R.T. 0.00 min

Lab File: BF115941.D

Acq: 2 Aug 2019 12:43

Instrument :

BNA_F

ClientSampleId :

TP-10

Tot Ion:136 Resp: 521489

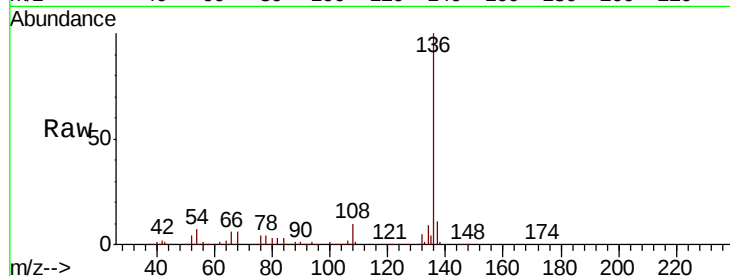
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.9 6.1 9.1

68 6.1 5.4 8.2

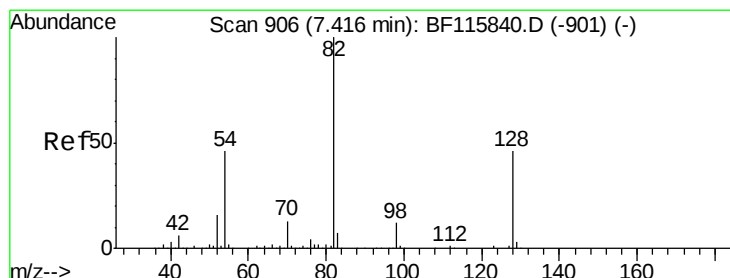
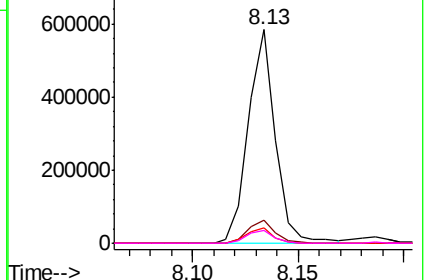
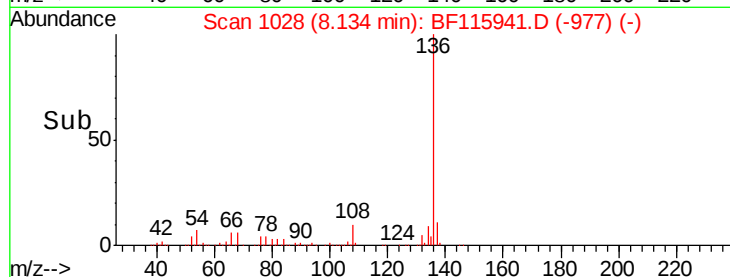


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.279 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115941.D

Acq: 2 Aug 2019 12:43

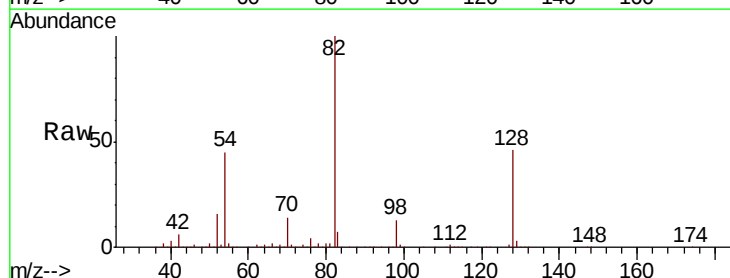
Tgt Ion: 82 Resp: 860779

Ion Ratio Lower Upper

82 100

128 46.3 36.6 55.0

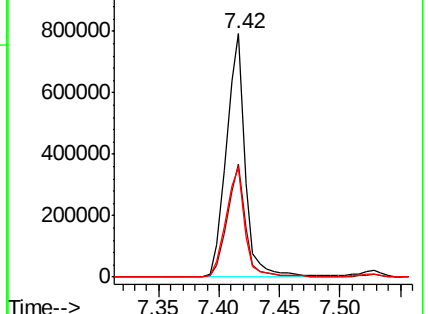
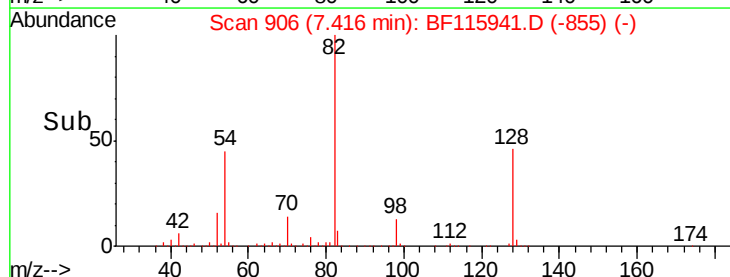
54 45.0 36.6 55.0

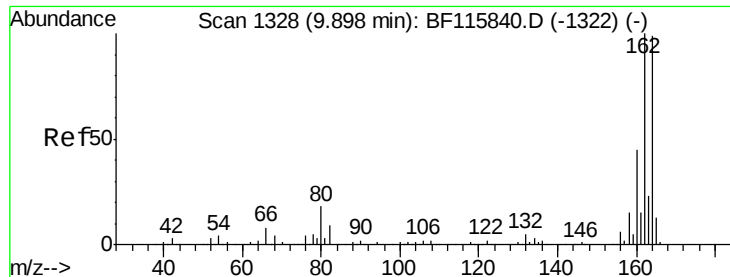


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

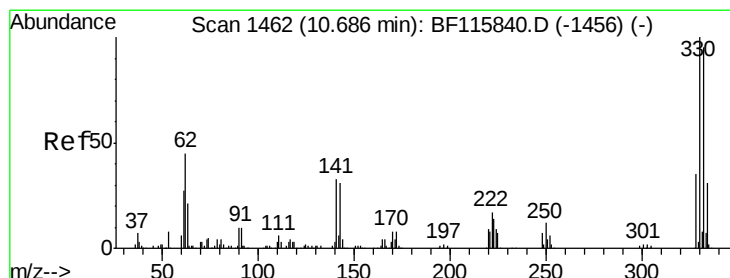
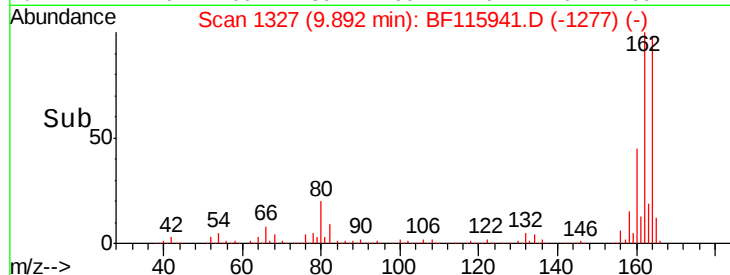
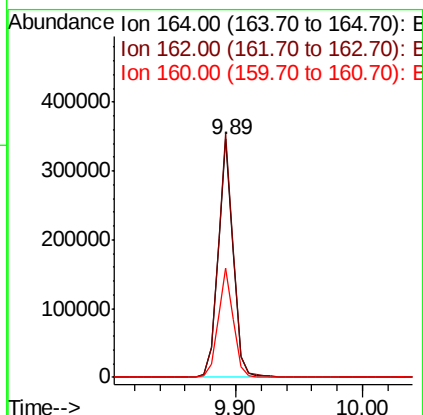
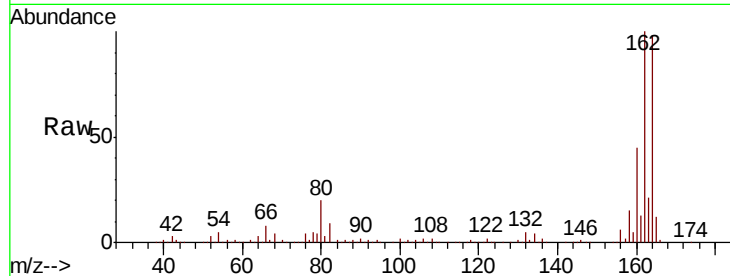




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115941.D
 Acq: 2 Aug 2019 12:43

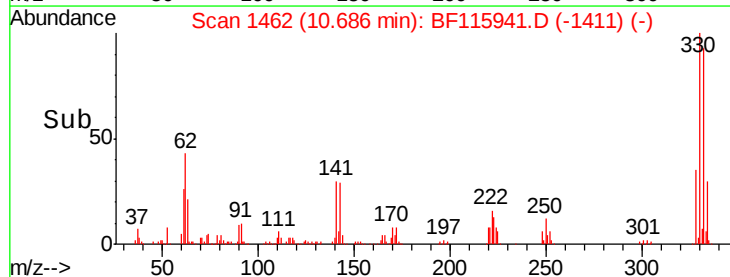
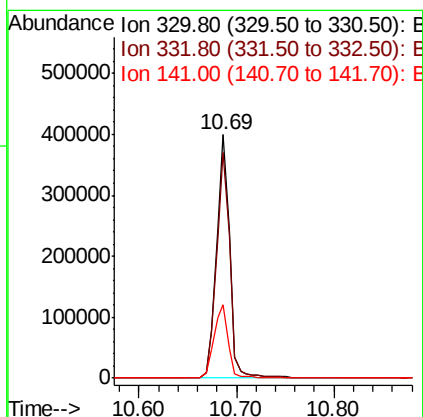
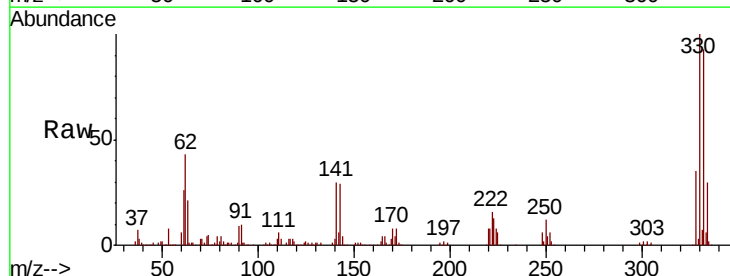
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.8	121.2
160	46.0	36.2	54.4



#42
 2,4,6-Tribromophenol
 Concen: 132.788 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115941.D
 Acq: 2 Aug 2019 12:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.7	116.5
141	32.9	28.1	42.1

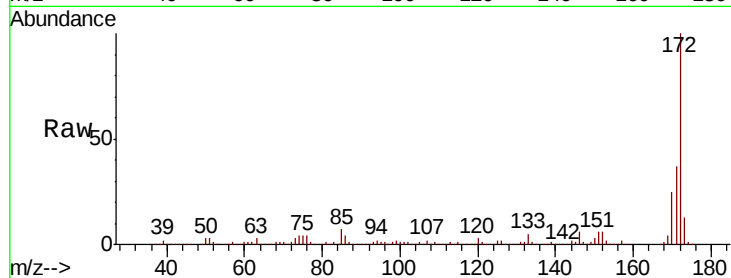




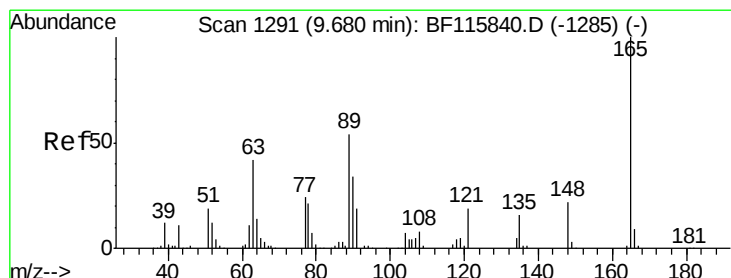
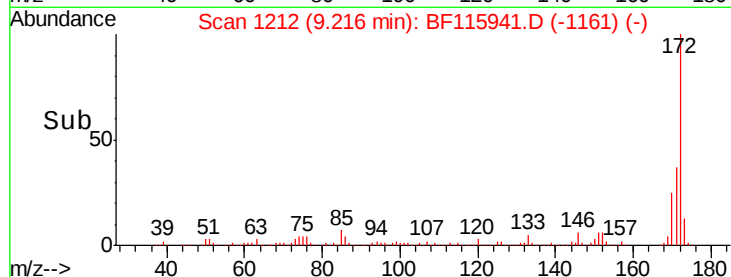
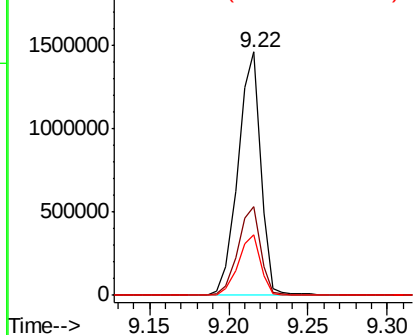
#45
2-Fluorobiphenyl
Concen: 93.985 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115941.D
Acq: 2 Aug 2019 12:43

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:172 Resp: 1461317
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.9 20.1 30.1

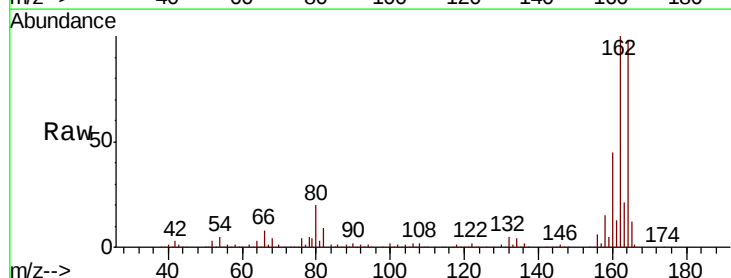


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

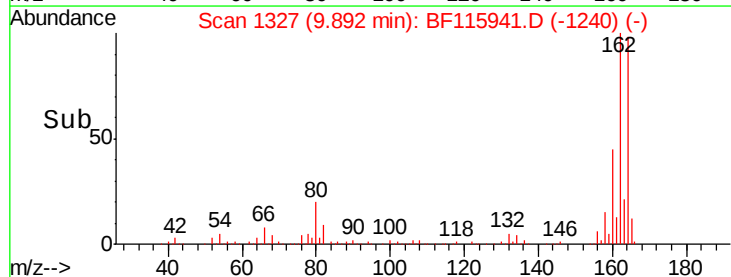
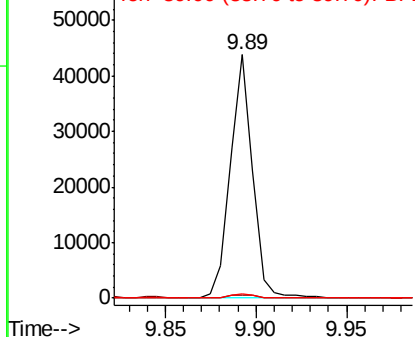


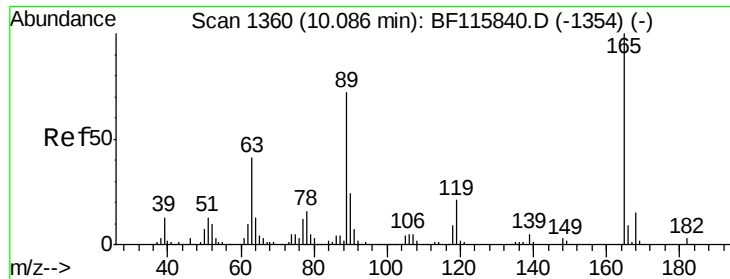
#51
2,6-Dinitrotoluene
Concen: 8.696 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF115941.D
Acq: 2 Aug 2019 12:43

Tgt Ion:165 Resp: 37475
Ion Ratio Lower Upper
165 100
63 1.4 39.4 59.2#
89 1.8 43.0 64.6#



Abundance Ion 165.00 (164.70 to 165.70): E
60000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

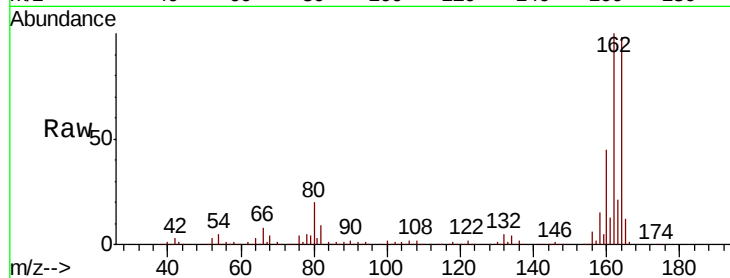




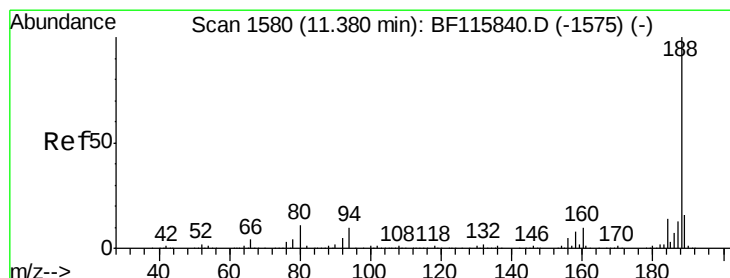
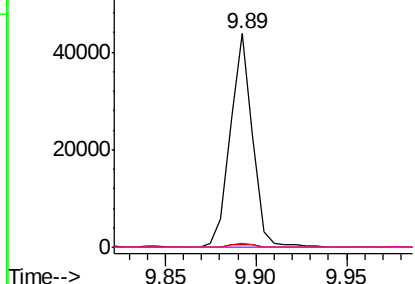
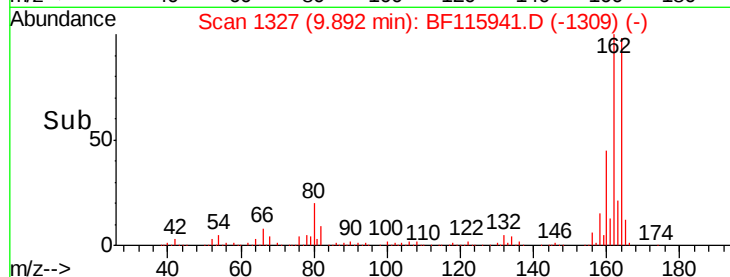
#57
 2,4-Dinitrotoluene
 Concen: 6.532 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115941.D
 Acq: 2 Aug 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion:165	Resp:	37475
Ion Ratio	Lower	Upper
165	100	
63	1.4	33.2 49.8#
89	1.8	57.3 85.9#
182	0.0	2.1 3.1#

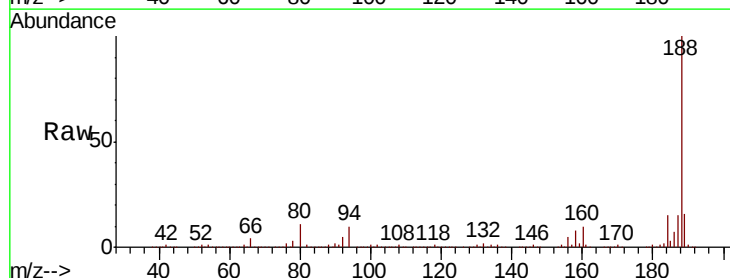


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

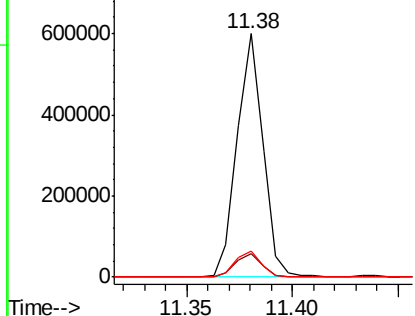
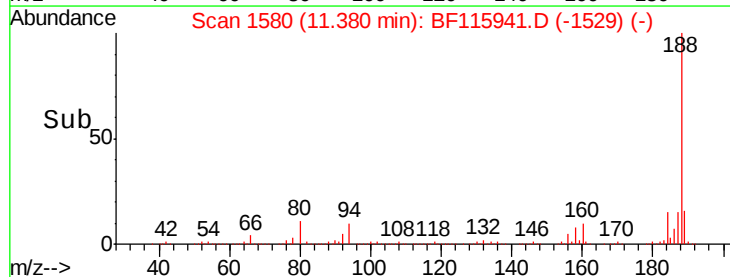


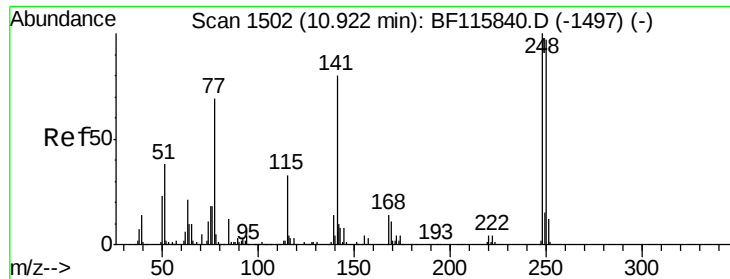
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115941.D
 Acq: 2 Aug 2019 12:43

Tgt Ion:188	Resp:	507807
Ion Ratio	Lower	Upper
188	100	
94	9.7	8.0 12.0
80	10.6	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

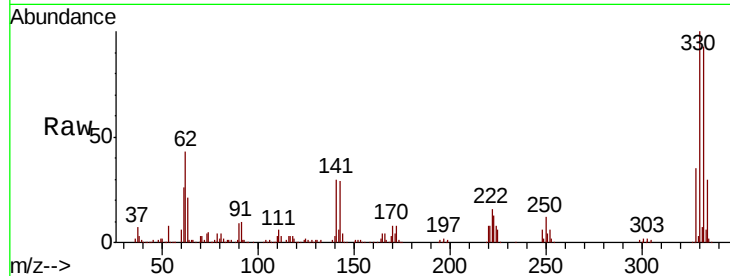




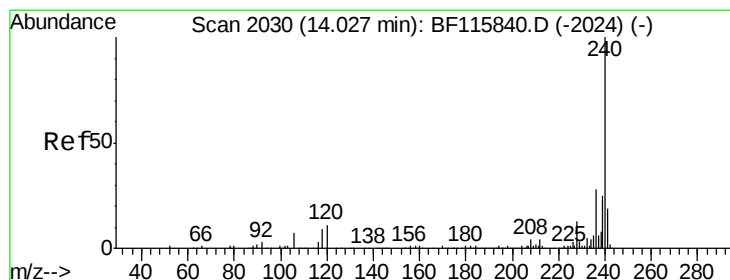
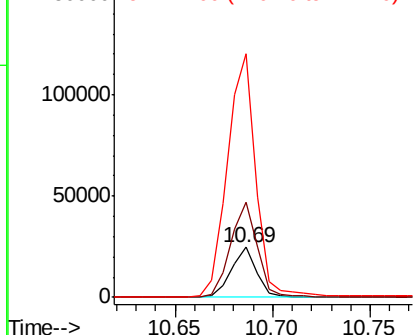
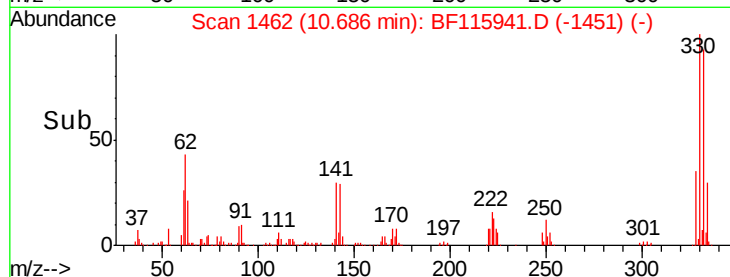
#67
 4-Bromophenyl-phenylether
 Concen: 4.124 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115941.D
 Acq: 2 Aug 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion:248 Resp: 22418
 Ion Ratio Lower Upper
 248 100
 250 190.7 77.8 116.6#
 141 485.4 64.3 96.5#

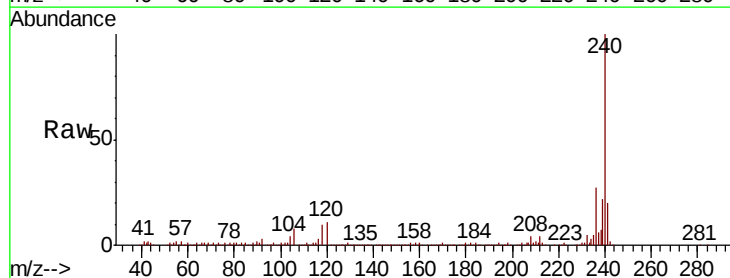


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

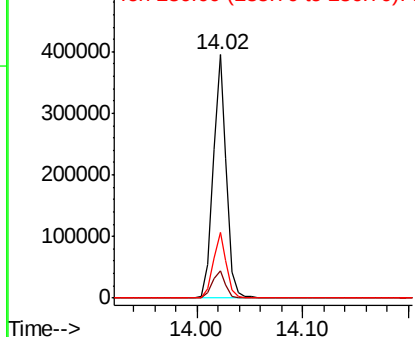
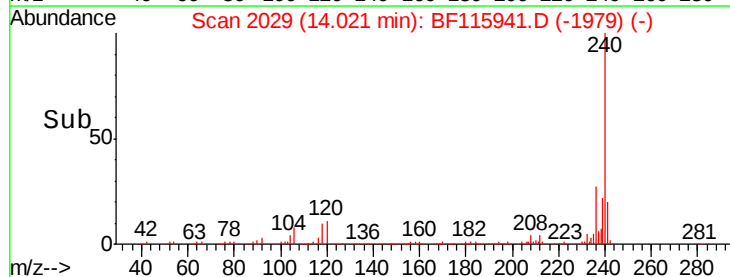


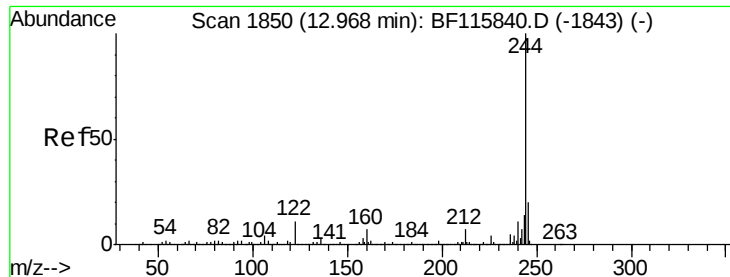
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115941.D
 Acq: 2 Aug 2019 12:43

Tgt Ion:240 Resp: 348671
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.5 12.7
 236 27.2 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: 99.696 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115941.D

Acq: 2 Aug 2019 12:43

Instrument :

BNA_F

ClientSampleId :

TP-10

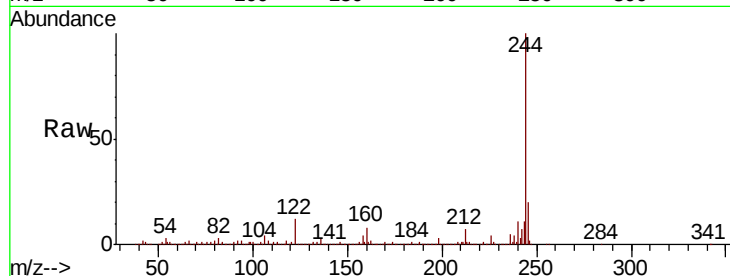
Tot Ion:244 Resp: 1649670

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

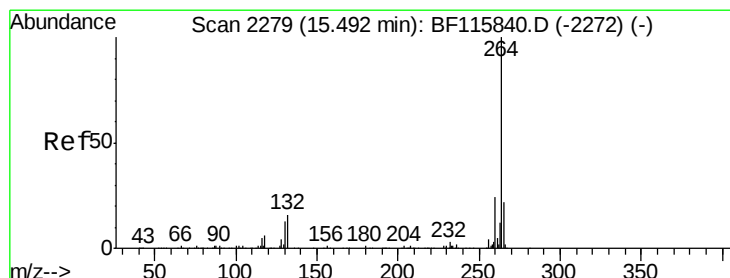
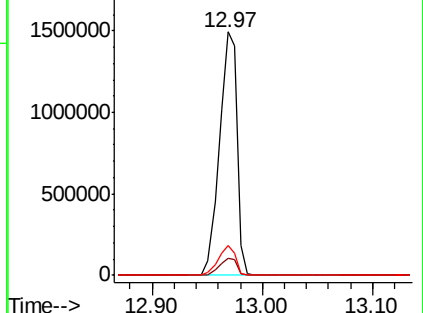
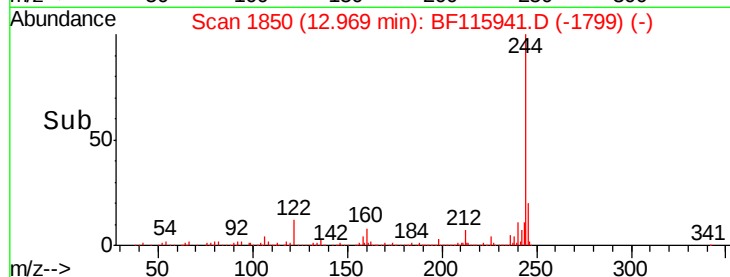
122 12.3 8.6 13.0



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115941.D

Acq: 2 Aug 2019 12:43

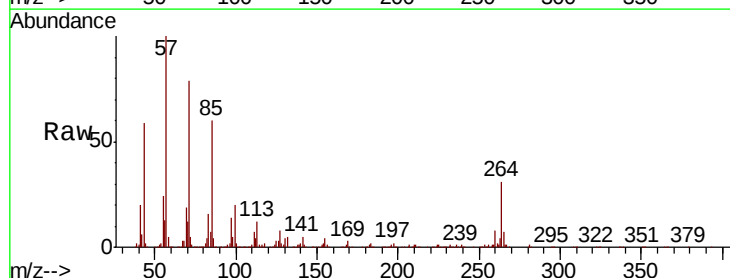
Tgt Ion:264 Resp: 275269

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.5 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

