

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116378.D
 Acq On : 18 Aug 2019 5:00
 Operator : HP/JU
 Sample : K4384-01DL 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 07:50:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

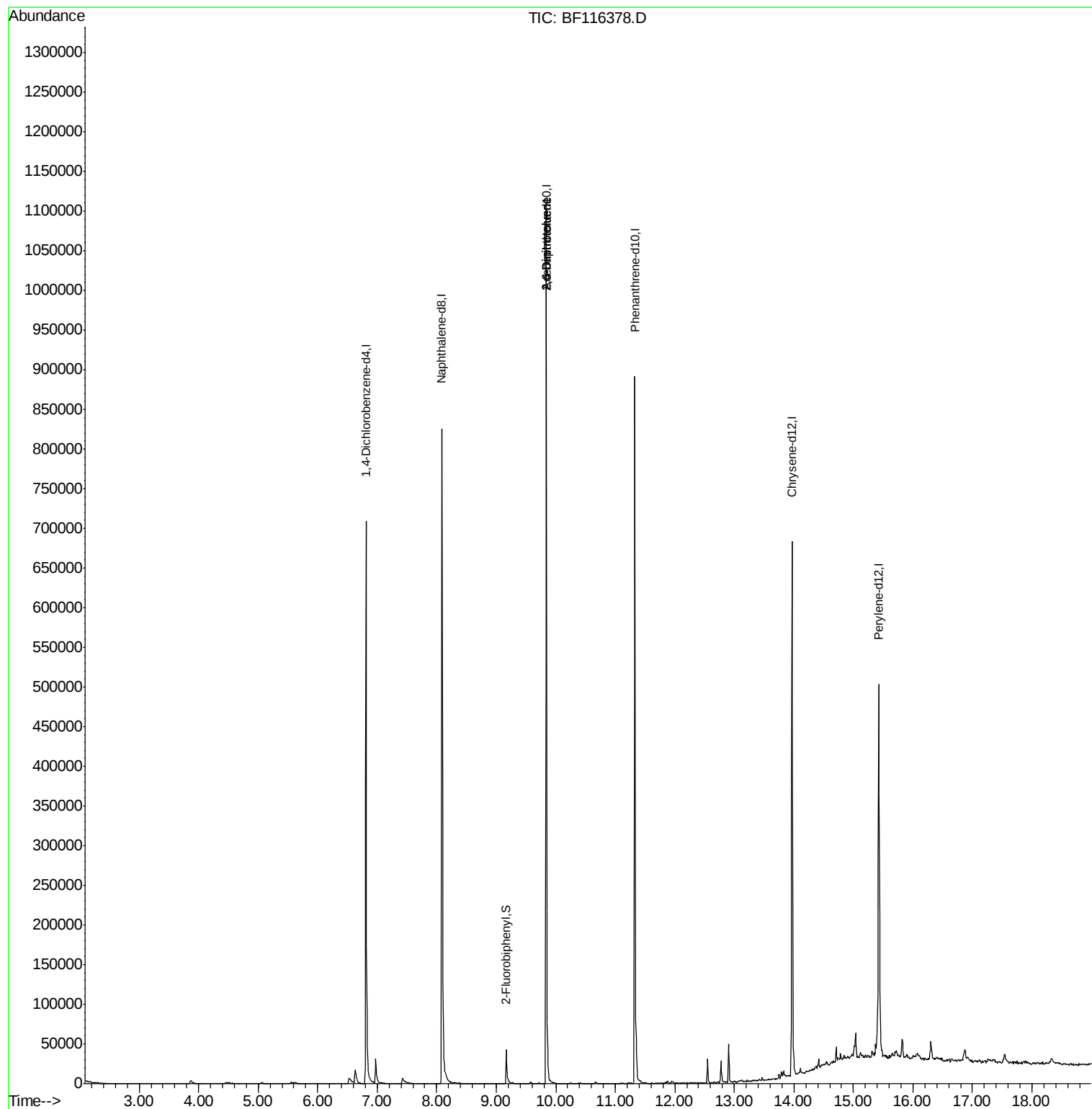
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118152	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	474503	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	233397	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	343111	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	222843	20.00	ng	-0.04
87) Perylene-d12	15.43	264	252887	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	2149	0.30	ng	0.09
7) Phenol-d6	6.53	99	11283	1.27	ng	0.04
23) Nitrobenzene-d5	7.43	82	12246	1.49	ng	0.01
42) 2,4,6-Tribromophenol	10.67	330	974	0.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	26724	2.14	ng	-0.04
79) Terphenyl-d14	12.90	244	19431	1.84	ng	-0.05
Target Compounds						
51) 2,6-Dinitrotoluene	9.84	165	29140	8.438	ng	# 28
57) 2,4-Dinitrotoluene	9.84	165	29140	6.337	ng	# 20

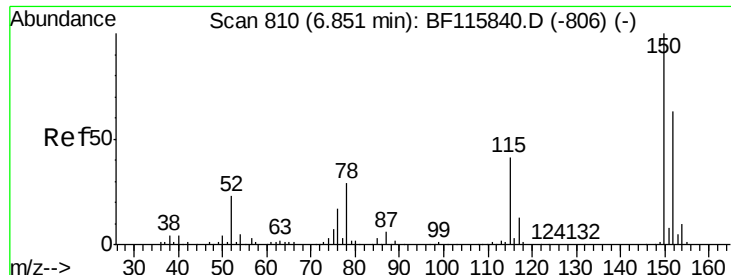
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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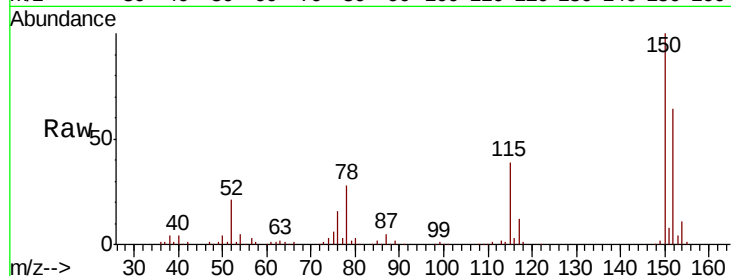


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116378.D
Acq: 18 Aug 2019 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	61.0	49.9	74.9

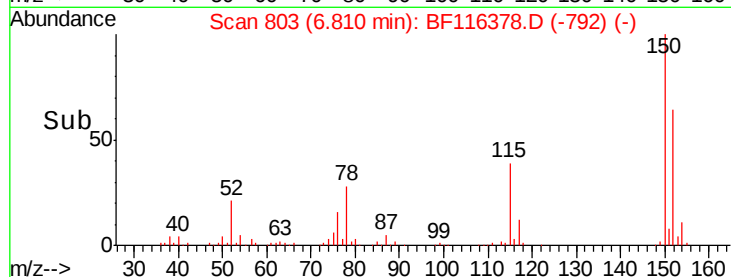
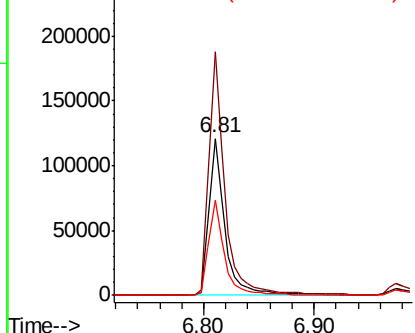


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

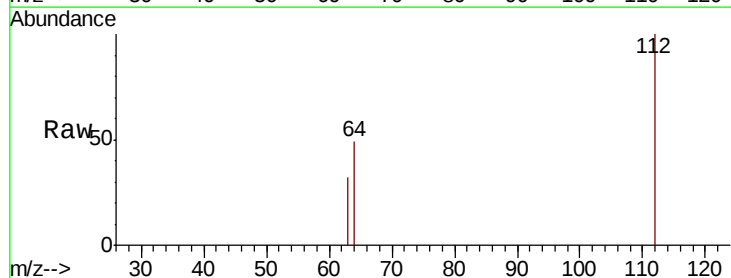
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.304 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.09 min
Lab File: BF116378.D
Acq: 18 Aug 2019 5:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.9	45.4	68.2
63	32.5	23.7	35.5

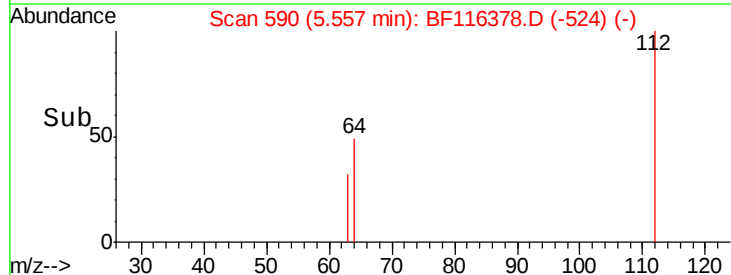
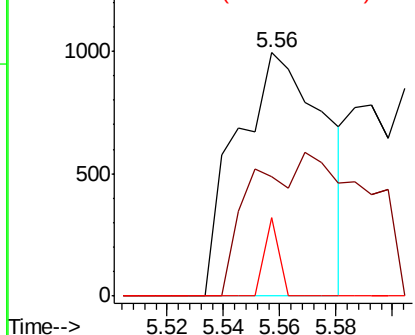


Abundance

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: 1.267 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.04 min

Lab File: BF116378.D

Acq: 18 Aug 2019 5:00

Instrument :

BNA_F

ClientSampleId :

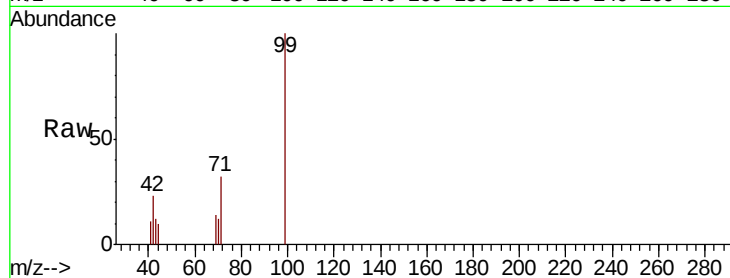
Tot Ion: 99 Resp: 11283

Ion Ratio Lower Upper

99 100

42 22.8 13.8 20.8#

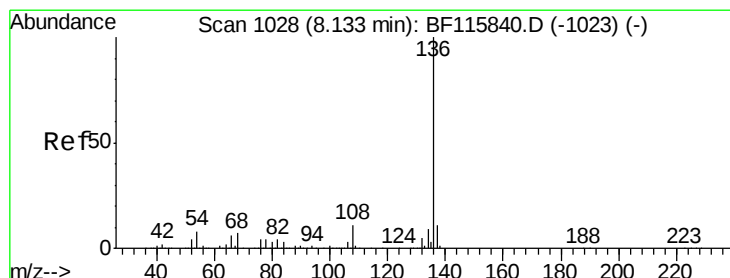
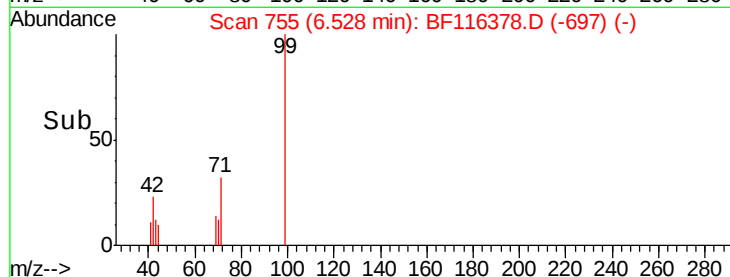
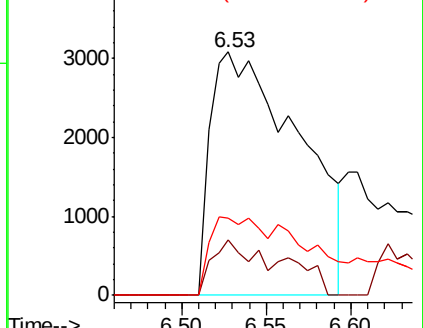
71 31.7 27.3 40.9



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: 8.09 min Scan# 1021

Delta R.T. -0.04 min

Lab File: BF116378.D

Acq: 18 Aug 2019 5:00

Tgt Ion: 136 Resp: 474503

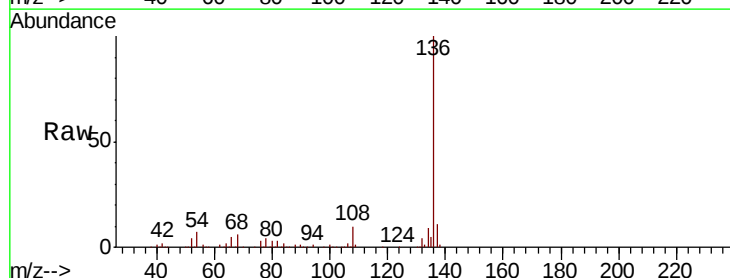
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.7 5.8 8.6

68 5.8 5.2 7.8

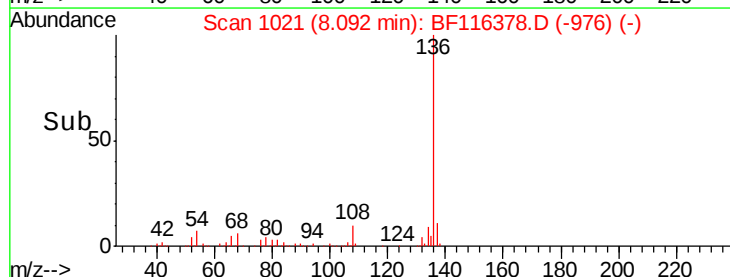
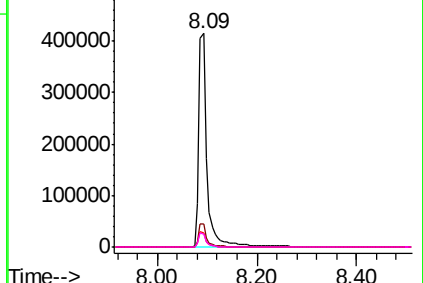


Abundance Ion 136.00 (135.70 to 136.70): E

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

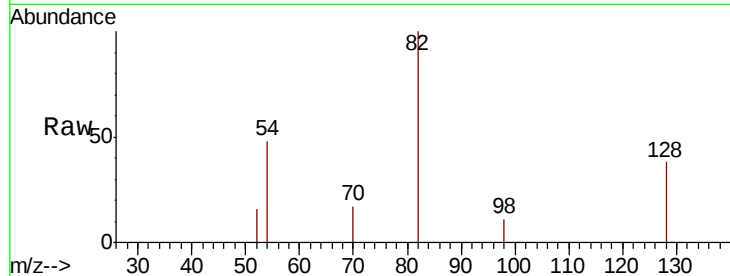




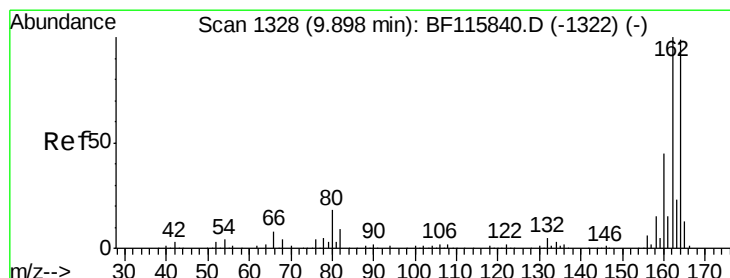
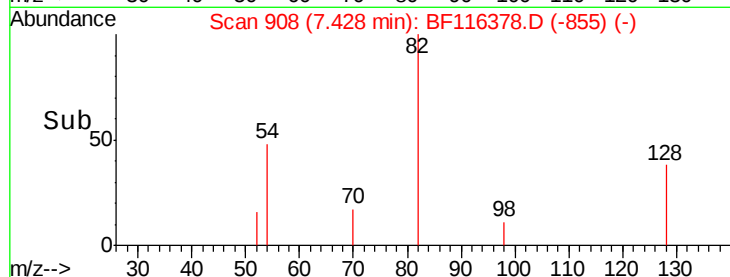
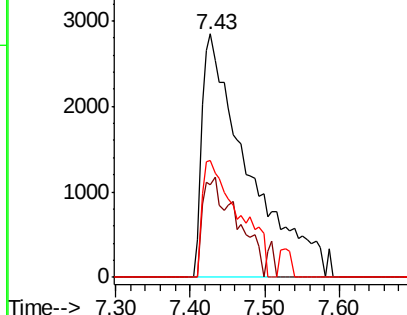
#23
 Nitrobenzene-d5
 Concen: 1.490 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF116378.D
 Acq: 18 Aug 2019 5:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 12246
 Ion Ratio Lower Upper
 82 100
 128 37.8 36.5 54.7
 54 47.9 36.0 54.0

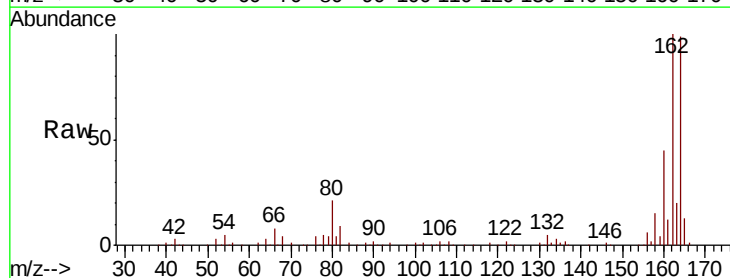


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

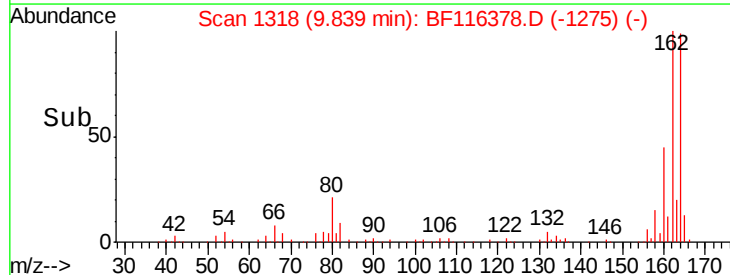
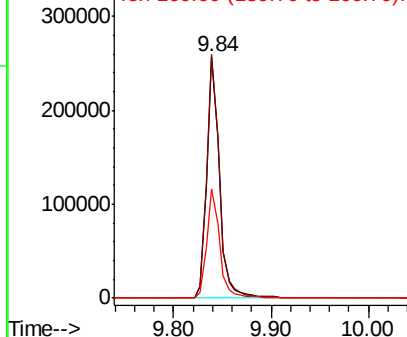


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF116378.D
 Acq: 18 Aug 2019 5:00

Tgt Ion: 164 Resp: 233397
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 124.0
 160 45.4 37.6 56.4



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

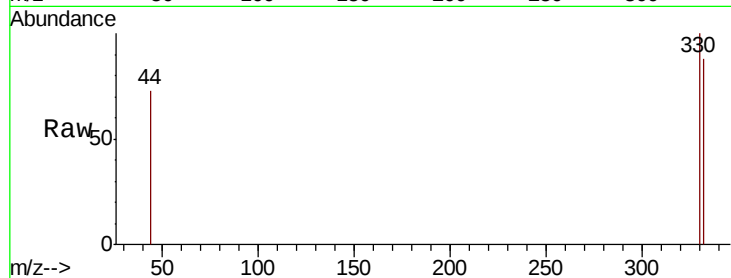




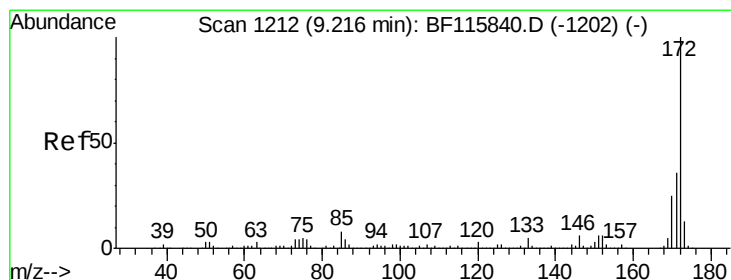
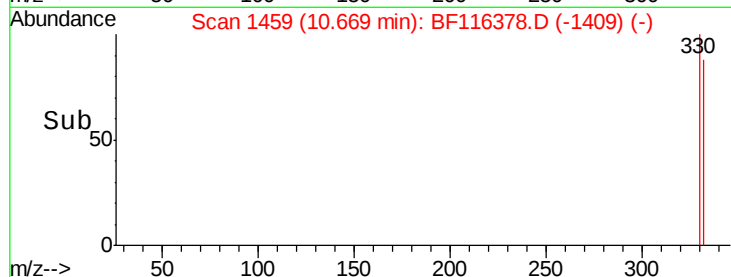
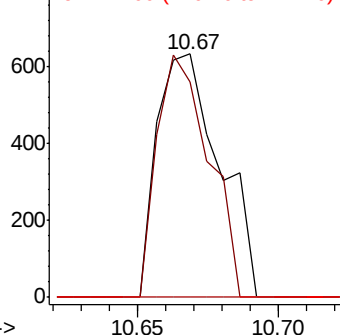
#42
 2,4,6-Tribromophenol
 Concen: 0.430 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116378.D
 Acq: 18 Aug 2019 5:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 974
 Ion Ratio Lower Upper
 330 100
 332 82.8 76.8 115.2
 141 0.0 26.3 39.5#

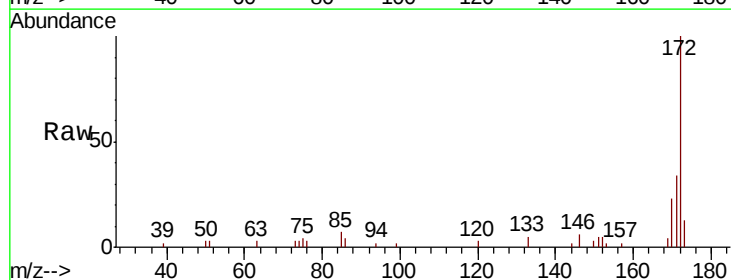


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

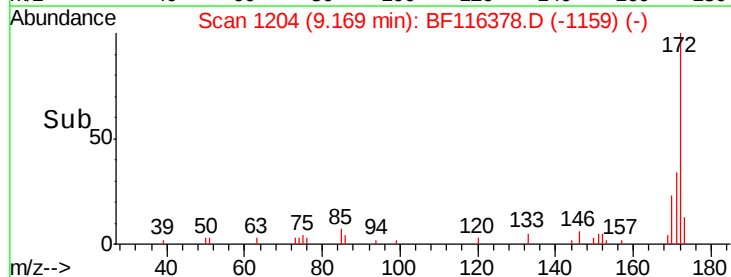
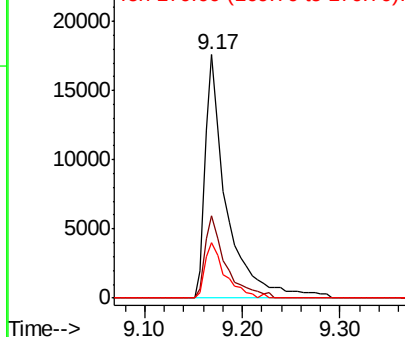


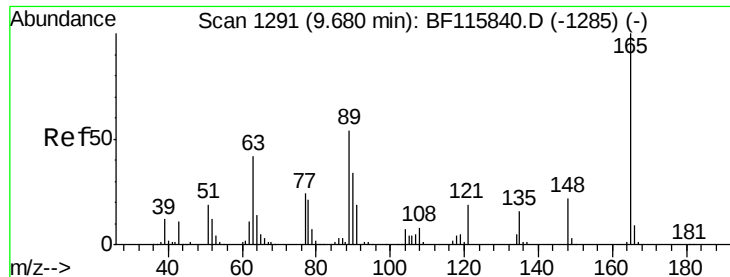
#45
 2-Fluorobiphenyl
 Concen: 2.145 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116378.D
 Acq: 18 Aug 2019 5:00

Tgt Ion:172 Resp: 26724
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.6 44.4
 170 22.8 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

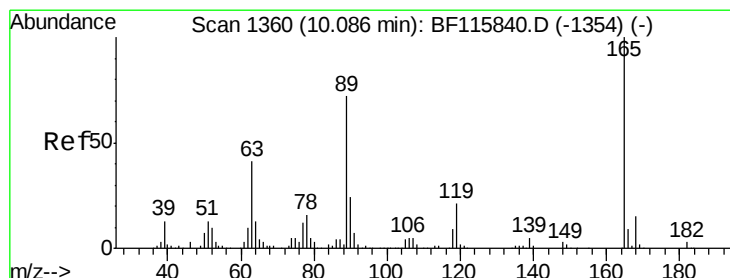
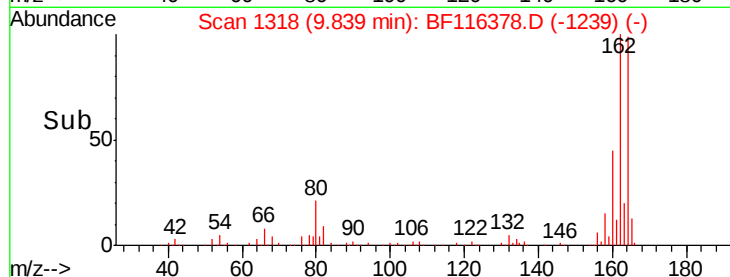
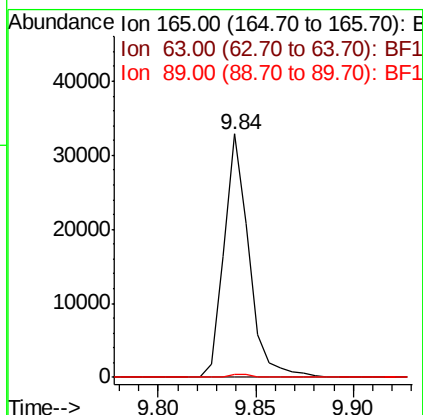
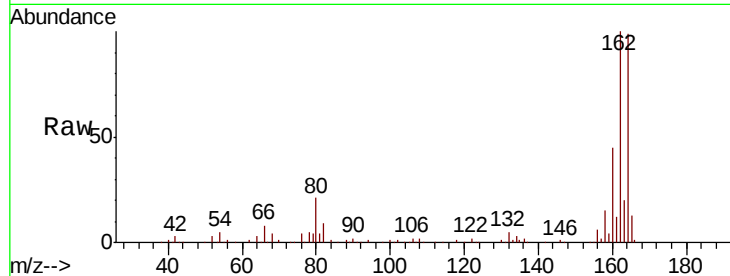




#51
 2,6-Dinitrotoluene
 Concen: 8.438 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.16 min
 Lab File: BF116378.D
 Acq: 18 Aug 2019 5:00

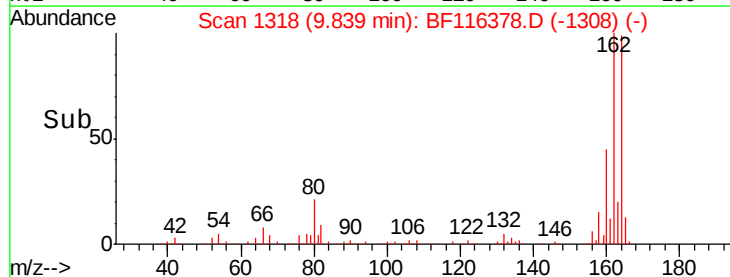
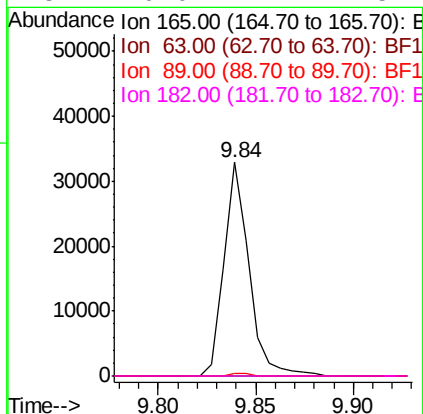
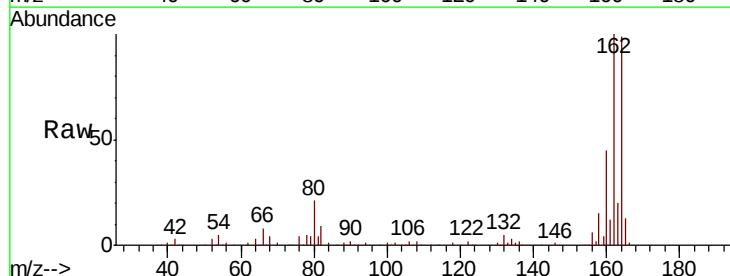
Instrument :
 BNA_F
 ClientSampleId :

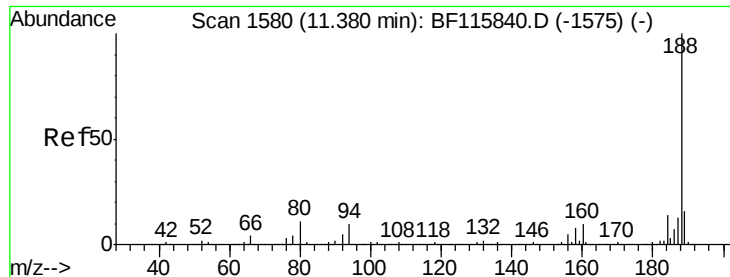
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.2#
89	1.4	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.337 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.24 min
 Lab File: BF116378.D
 Acq: 18 Aug 2019 5:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#

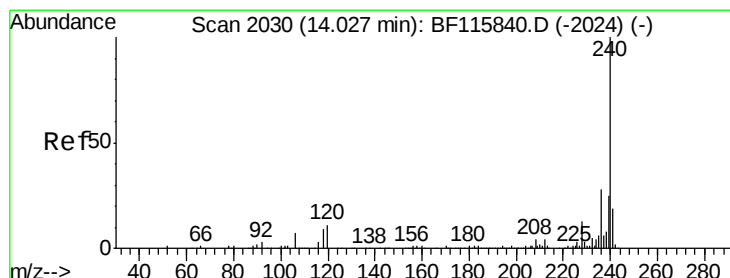
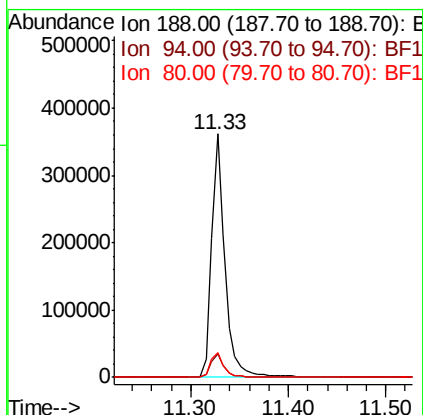
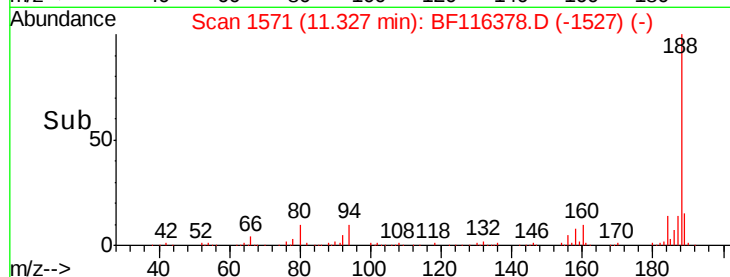
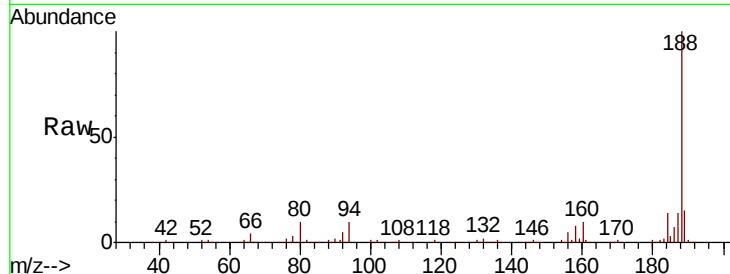




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116378.D
Acq: 18 Aug 2019 5:00

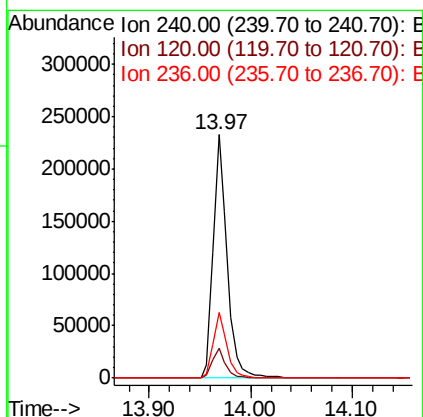
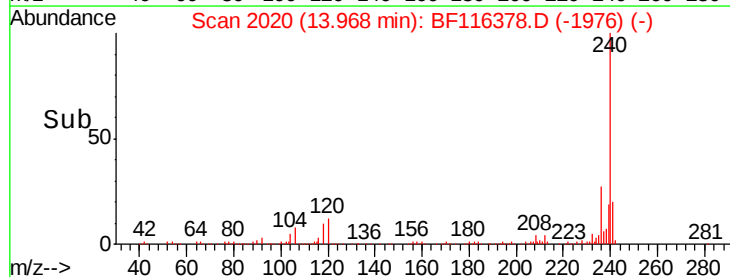
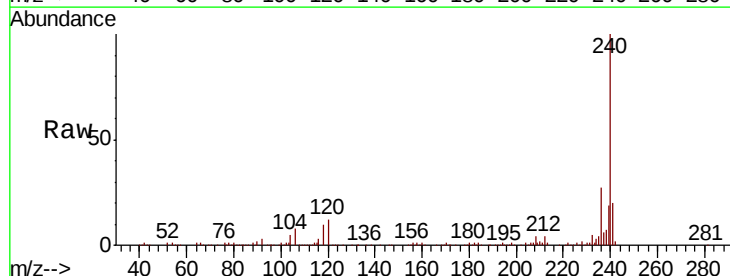
Instrument :
BNA_F
ClientSampled :

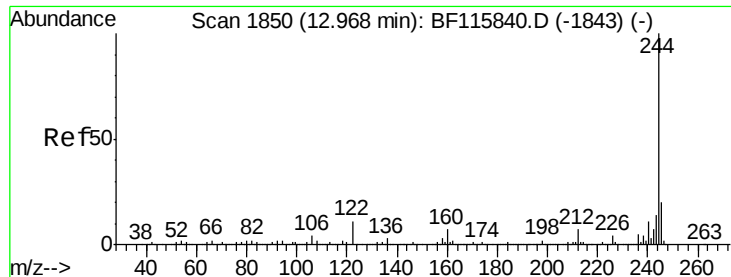
Tot Ion	188	Ratio	Lower	Upper
188	100			
94	9.8	8.1	12.1	
80	10.4	8.7	13.1	



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116378.D
Acq: 18 Aug 2019 5:00

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	12.0	10.7	16.1	
236	26.9	22.2	33.2	





#79

Terphenyl-d14

Concen: 1.837 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116378.D

Acq: 18 Aug 2019 5:00

Instrument :

BNA_F

ClientSampled :

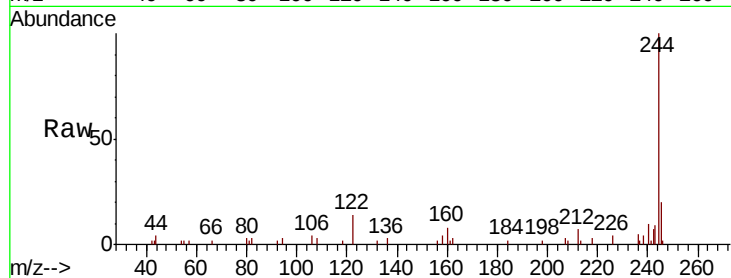
Tot Ion:244 Resp: 19431

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

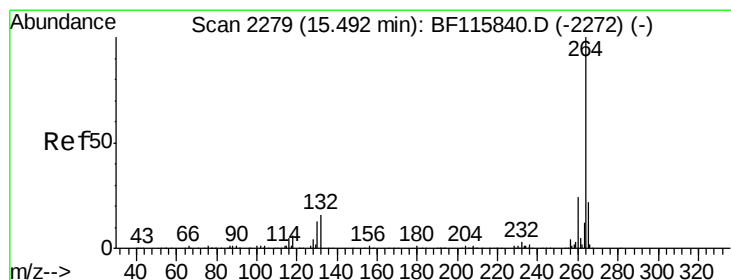
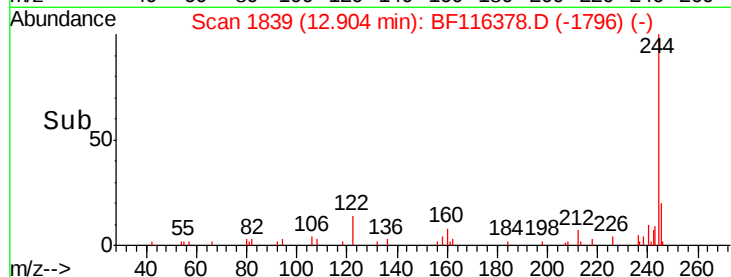
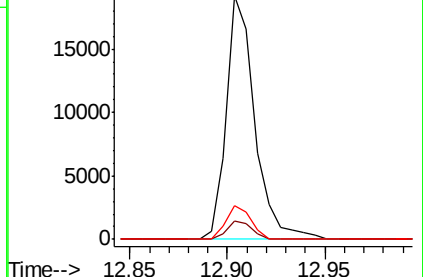
122 13.8 9.0 13.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.05 min

Lab File: BF116378.D

Acq: 18 Aug 2019 5:00

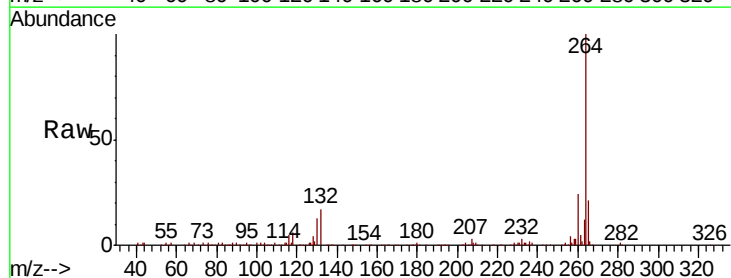
Tgt Ion:264 Resp: 252887

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.1 17.4 26.0



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

