

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116502.D
 Acq On : 24 Aug 2019 2:45
 Operator : HP/JU
 Sample : K4450-04 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-(A-C)

Quant Time: Aug 24 03:38:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

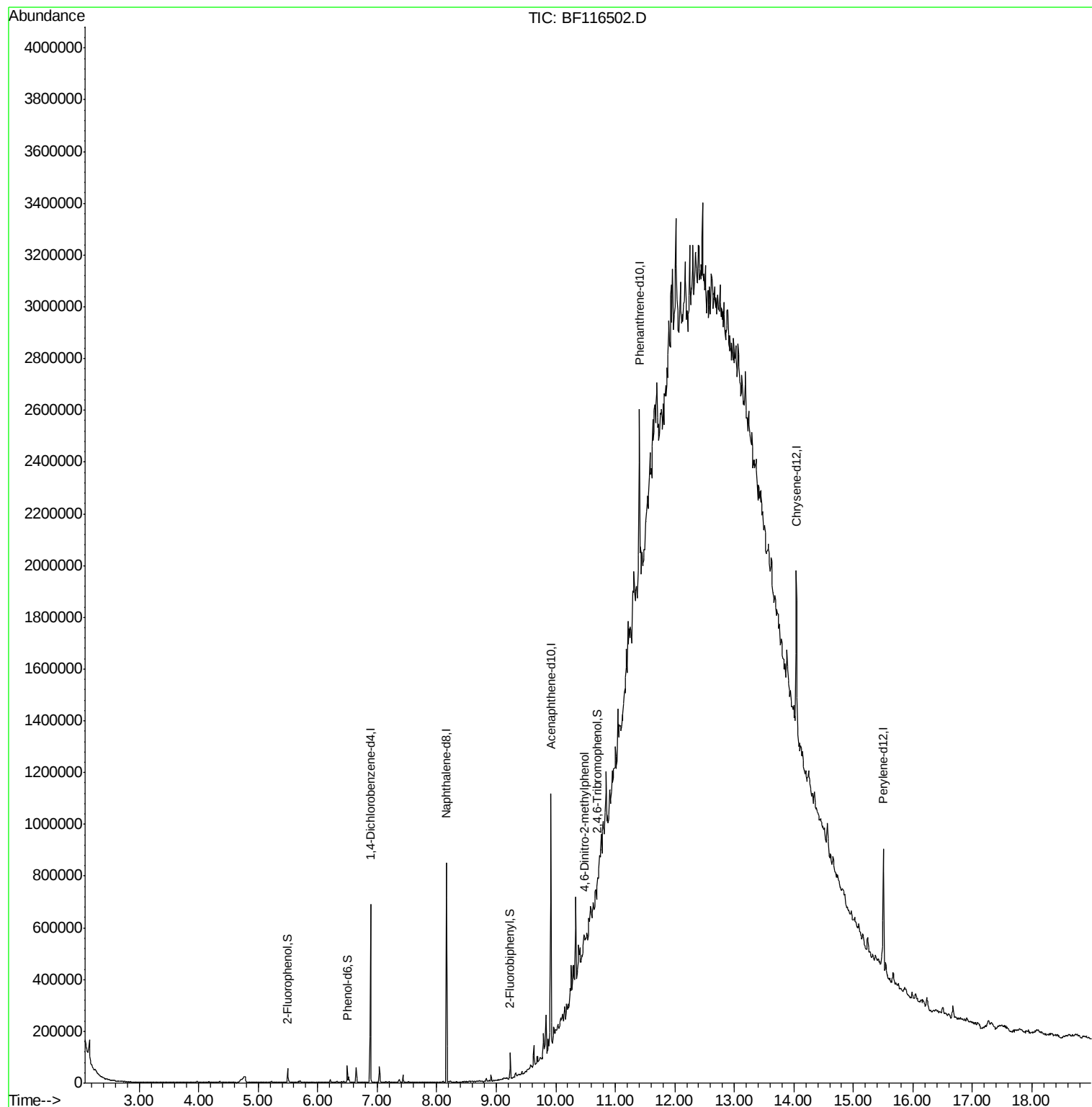
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	98432	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	364466	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	165005	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	233968	20.00	ng	0.00
76) Chrysene-d12	14.04	240	200022	20.00	ng	0.00
87) Perylene-d12	15.50	264	216819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	13777	2.05	ng	0.00
7) Phenol-d6	6.50	99	18563	2.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	7634	1.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	2901	2.05	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	23376	2.28	ng	0.00
79) Terphenyl-d14	12.99	244	19289	1.80	ng	0.00
Target Compounds						
65) 4,6-Dinitro-2-methylphenol	10.49	198	296	7.269	ng	Qvalue # 1

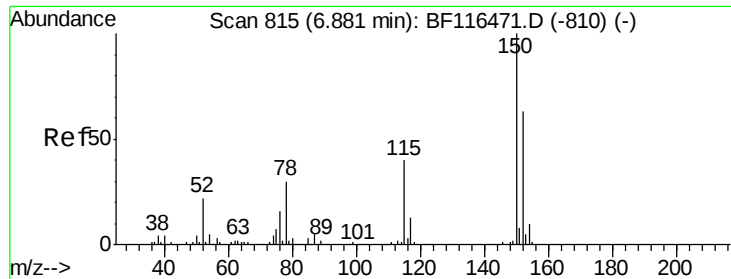
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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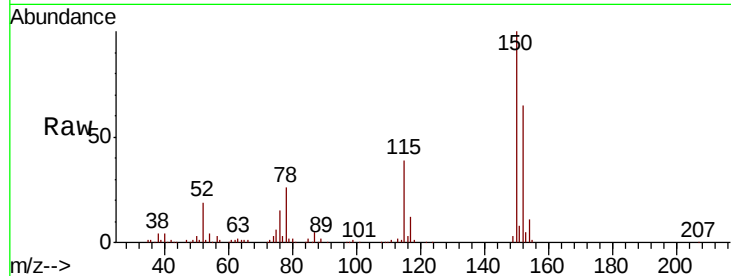


#1

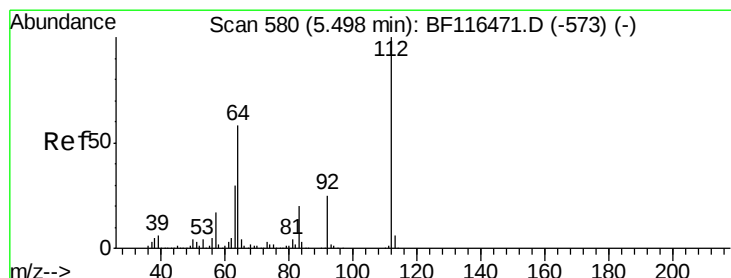
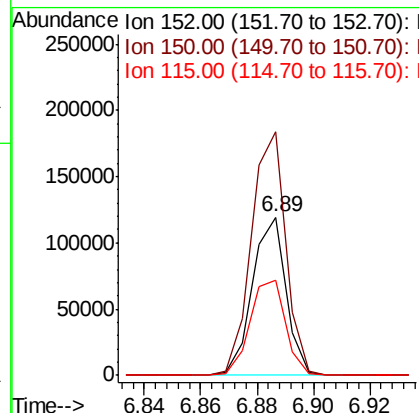
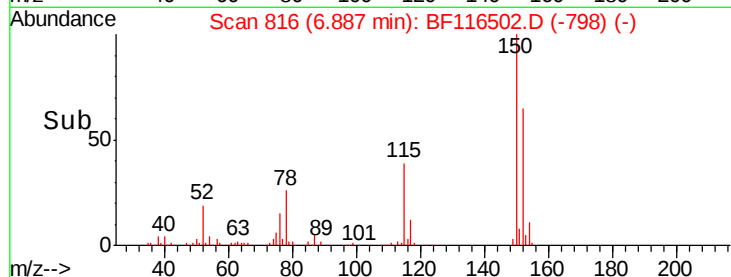
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-(A-C)

Tgt Ion:152 Resp: 98432
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.7 190.1
 115 60.6 50.9 76.3



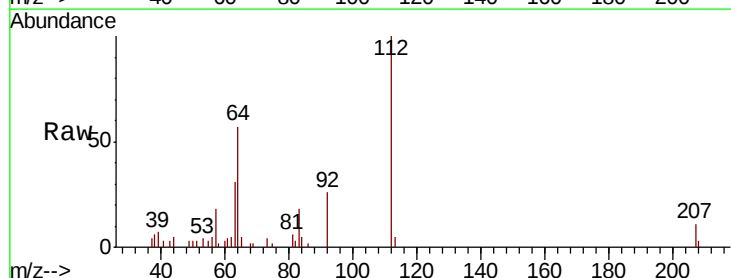
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



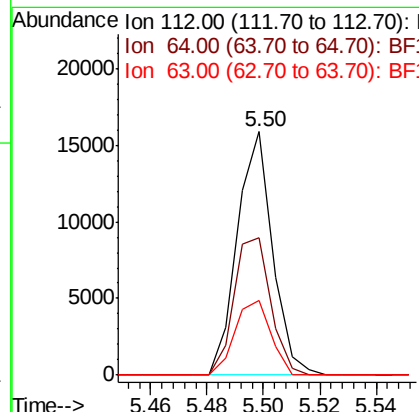
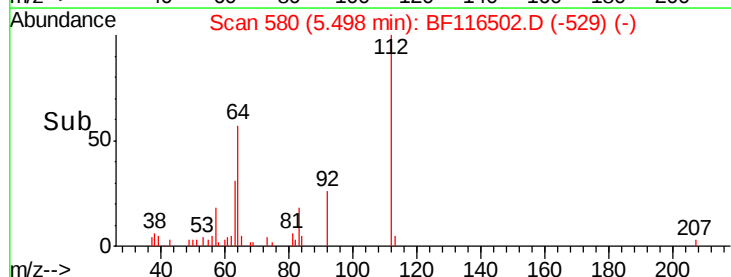
#5

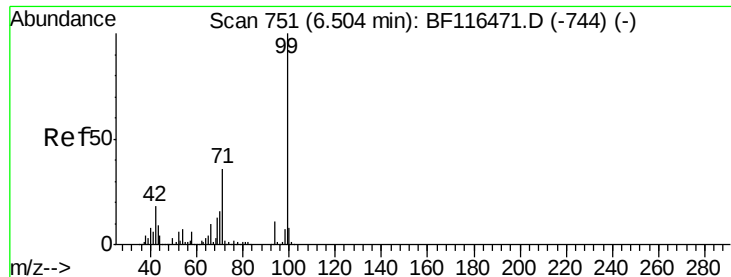
2-Fluorophenol
 Concen: 2.045 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Tgt Ion:112 Resp: 13777
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.3 69.5
 63 30.7 24.2 36.4



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: 2.247 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116502.D

Acq: 24 Aug 2019 2:45

Instrument :

BNA_F

ClientSampleId :

WC-(A-C)

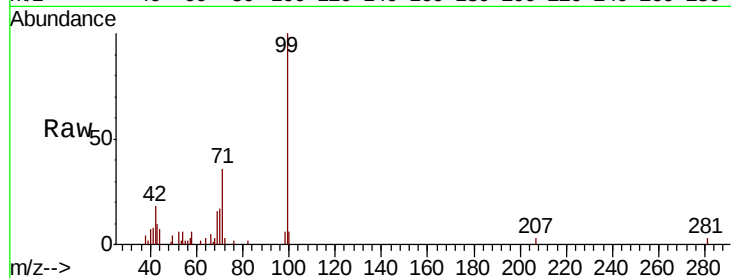
Tgt Ion: 99 Resp: 18563

Ion Ratio Lower Upper

99 100

42 17.8 14.6 21.8

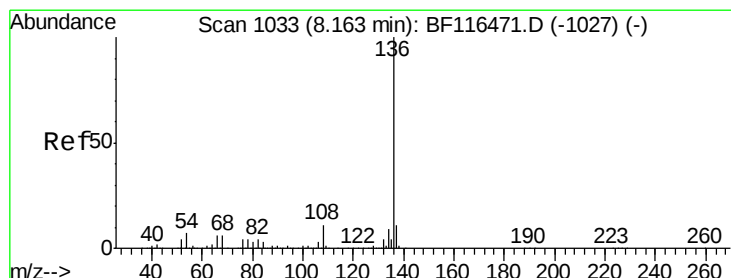
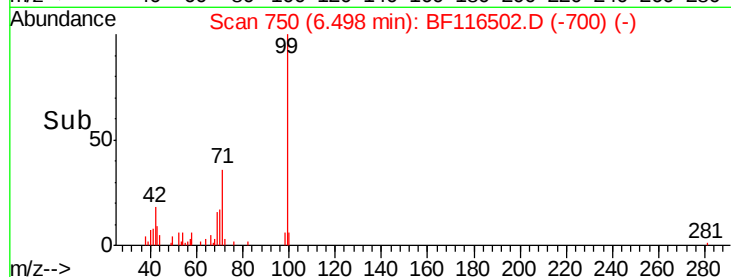
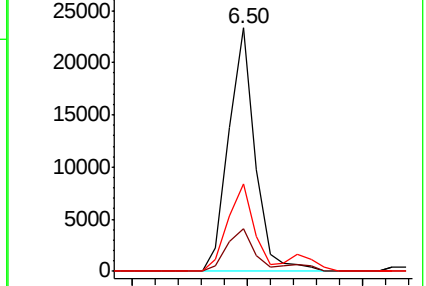
71 36.1 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116502.D

Acq: 24 Aug 2019 2:45

Tgt Ion: 136 Resp: 364466

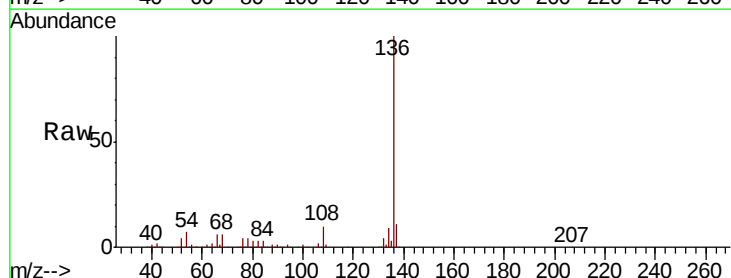
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.0 5.8 8.6

68 6.5 5.1 7.7

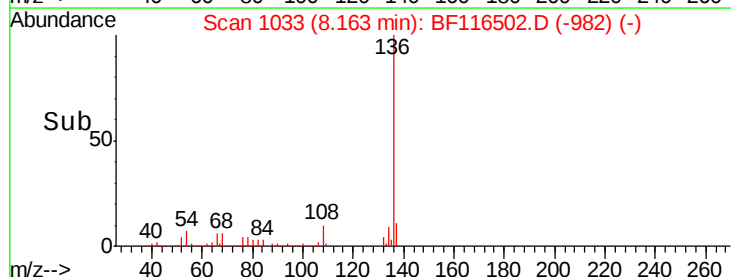
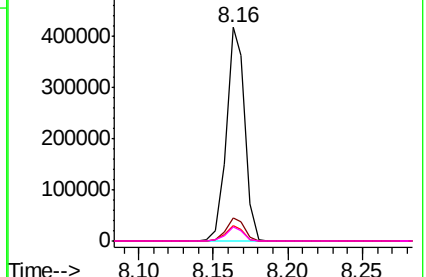


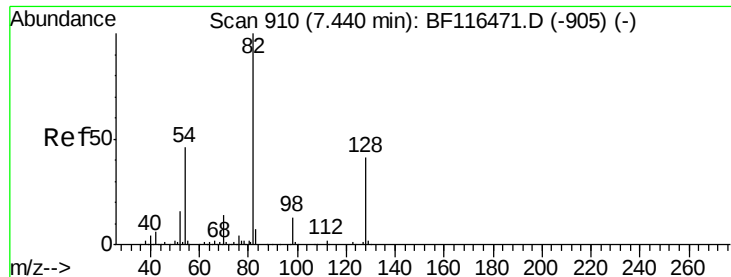
Abundance Ion 136.00 (135.70 to 136.70): E

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

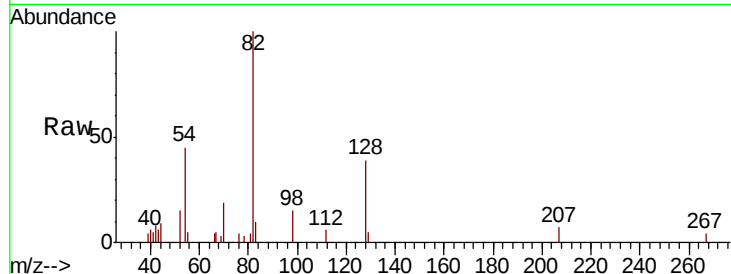




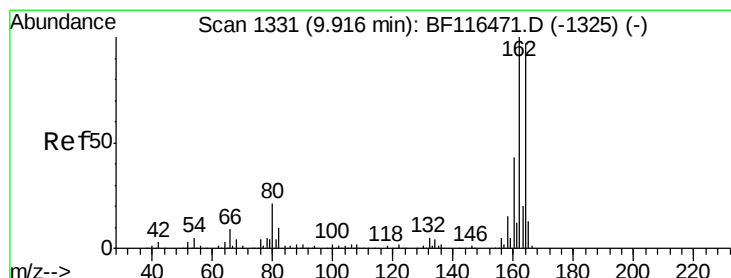
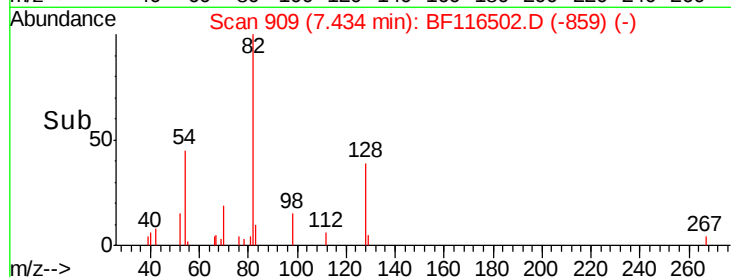
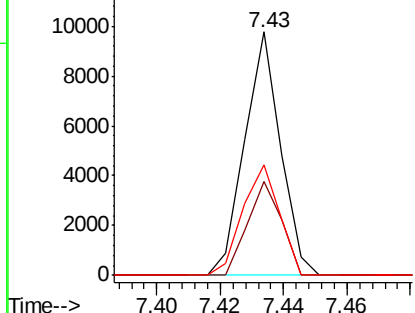
#23
 Nitrobenzene-d5
 Concen: 1.146 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-(A-C)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.2	48.4
54	45.4	36.5	54.7

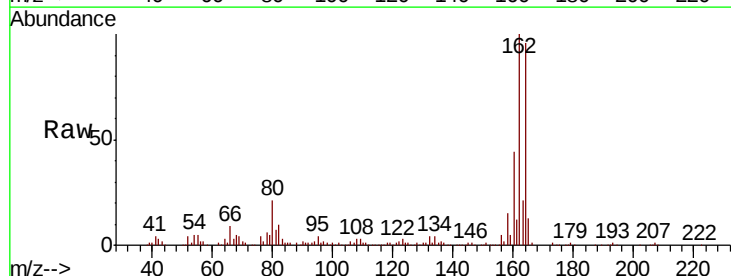


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

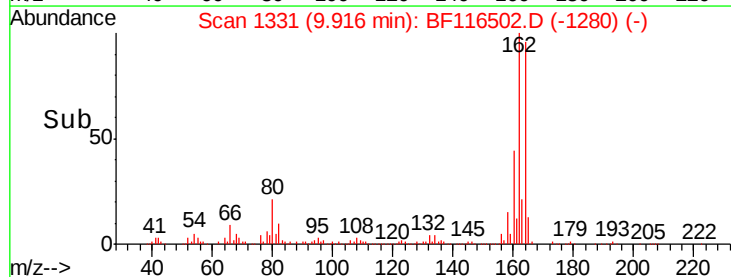
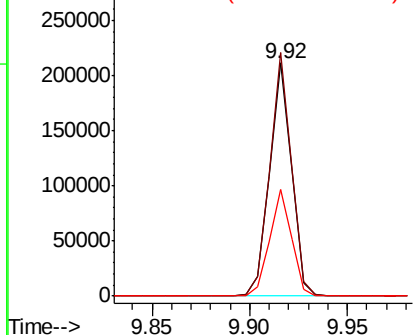


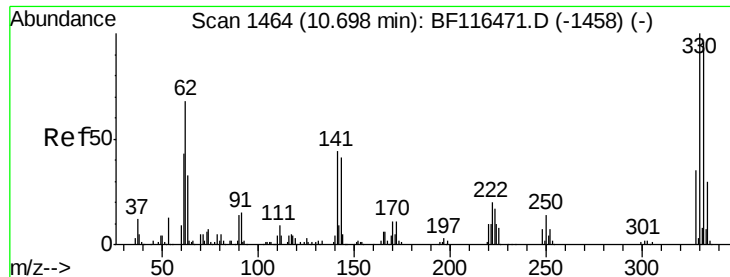
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	45.7	35.8	53.8



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

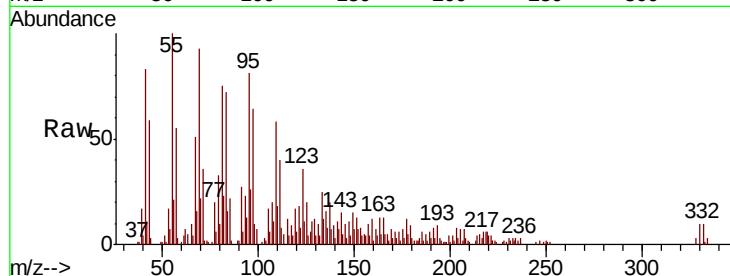




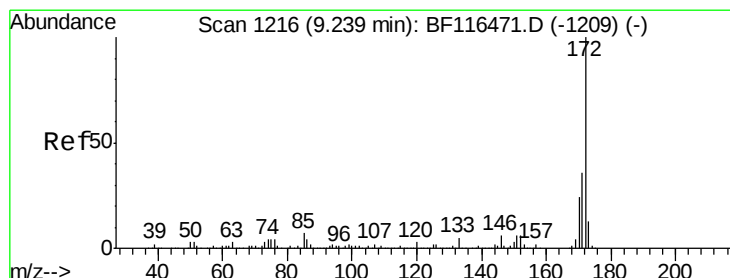
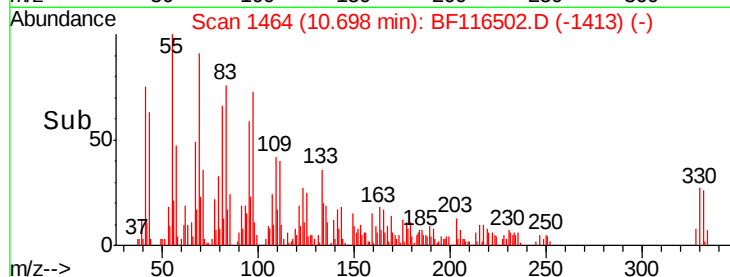
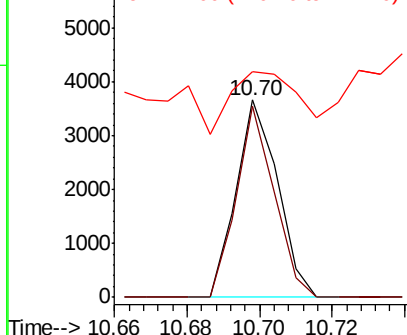
#42
 2,4,6-Tribromophenol
 Concen: 2.047 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-(A-C)

Tgt Ion:330 Resp: 2901
 Ion Ratio Lower Upper
 330 100
 332 88.7 77.2 115.8
 141 50.4 33.3 49.9#

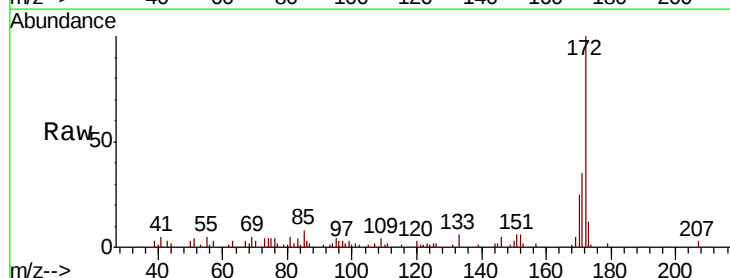


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

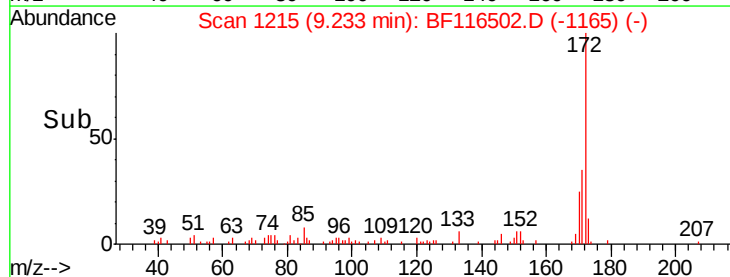
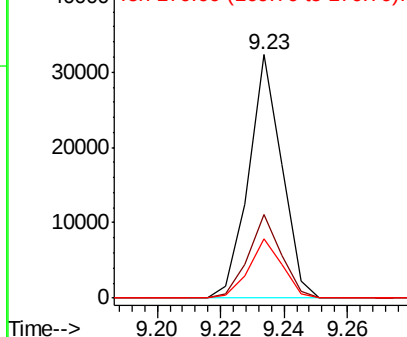


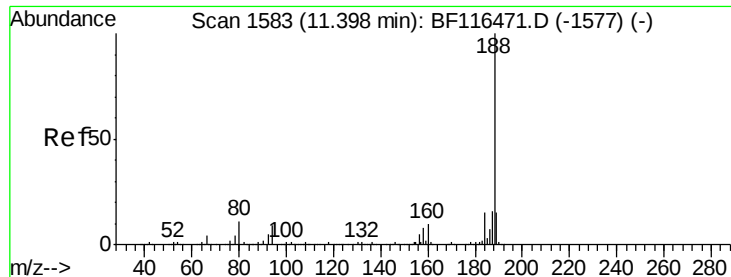
#45
 2-Fluorobiphenyl
 Concen: 2.281 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Tgt Ion:172 Resp: 23376
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.9 43.3
 170 24.6 19.4 29.0



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

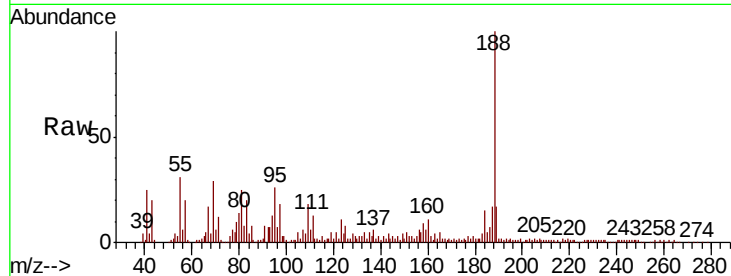




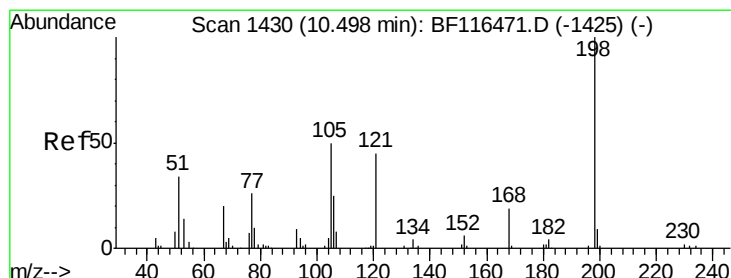
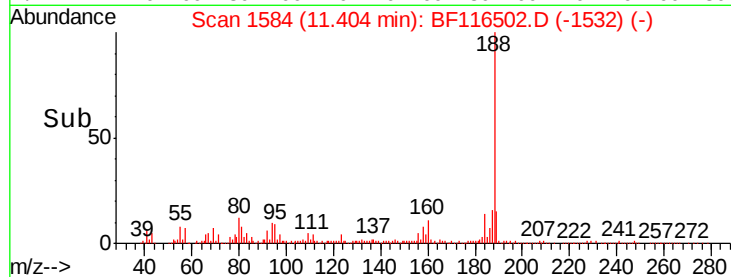
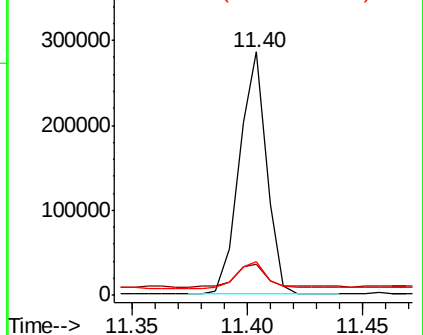
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-(A-C)

Tgt Ion:188 Resp: 233968
 Ion Ratio Lower Upper
 188 100
 94 12.8 7.4 11.2#
 80 13.8 8.6 12.8#

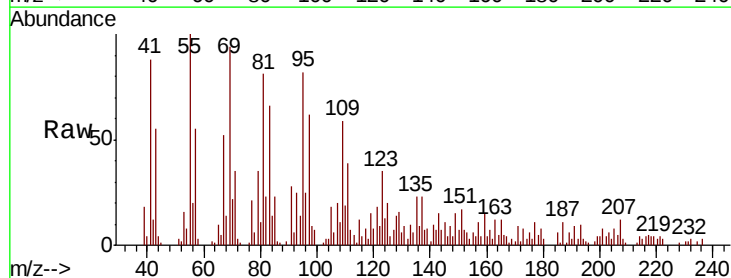


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

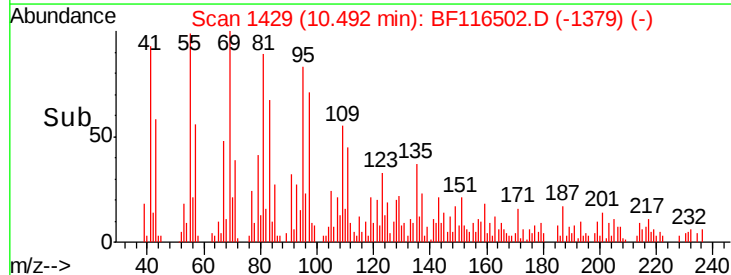
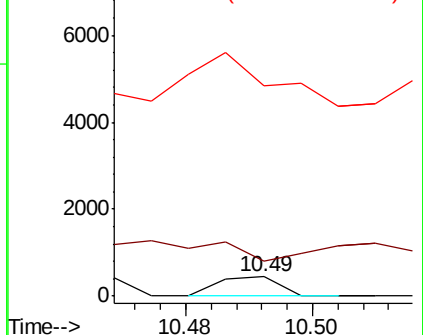


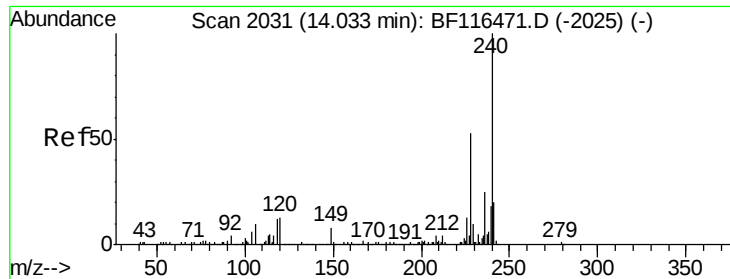
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.269 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Tgt Ion:198 Resp: 296
 Ion Ratio Lower Upper
 198 100
 51 183.1 30.4 70.4#
 105 1088.5 32.8 72.8#



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

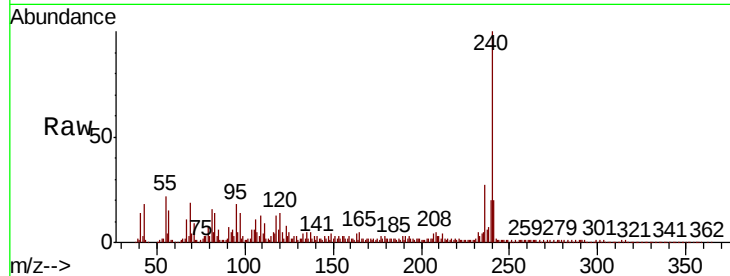




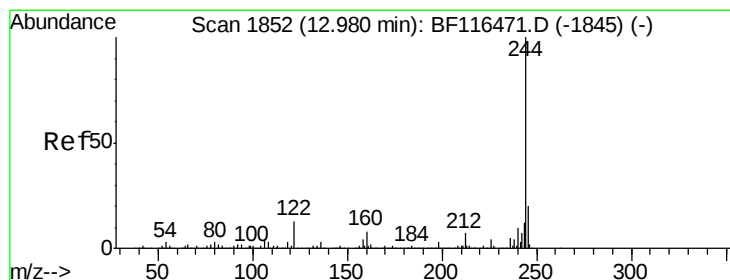
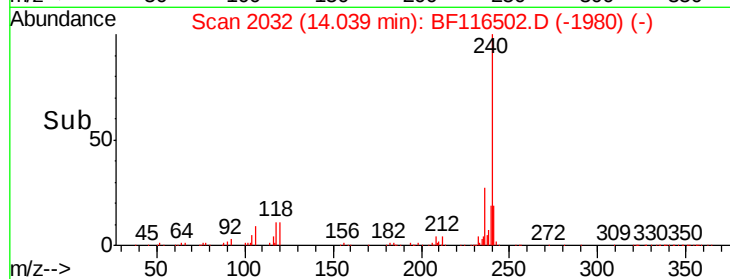
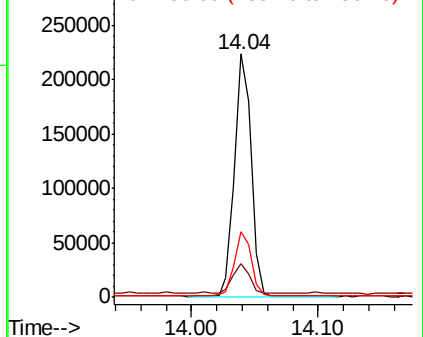
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF116502.D
Acq: 24 Aug 2019 2:45

Instrument :
BNA_F
ClientSampleId :
WC-(A-C)

Tgt Ion:240 Resp: 200022
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 27.1 20.2 30.2

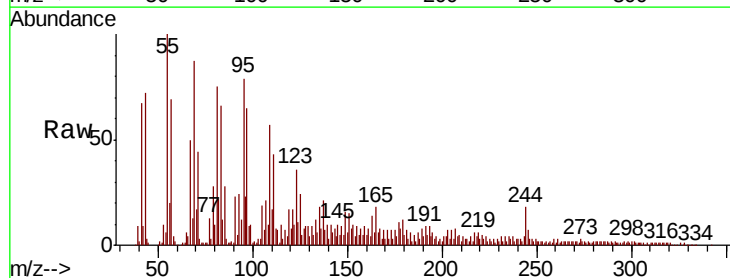


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

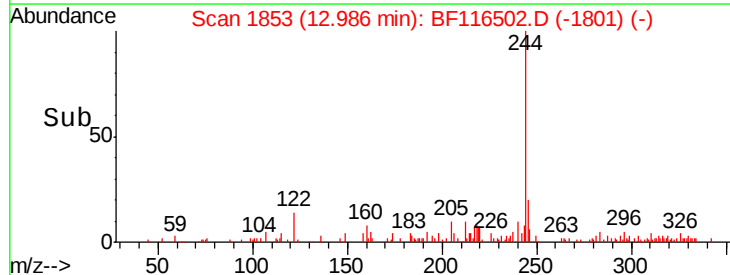
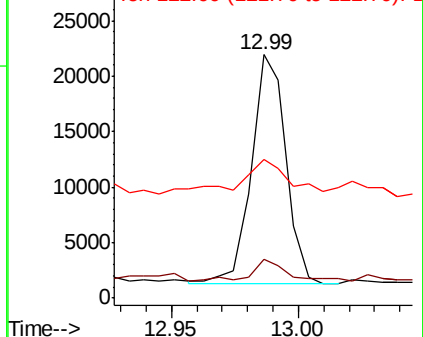


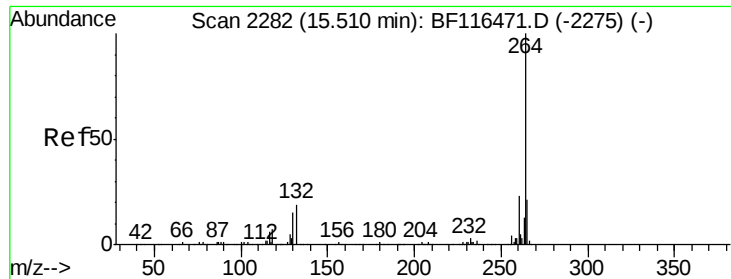
#79
Terphenyl-d14
Concen: 1.801 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BF116502.D
Acq: 24 Aug 2019 2:45

Tgt Ion:244 Resp: 19289
Ion Ratio Lower Upper
244 100
212 16.0 5.7 8.5#
122 57.2 10.2 15.4#



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: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF116502.D
Acq: 24 Aug 2019 2:45

Instrument :
BNA_F
ClientSampleId :
WC-(A-C)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.2	17.1	25.7

