

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 05:02:55 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

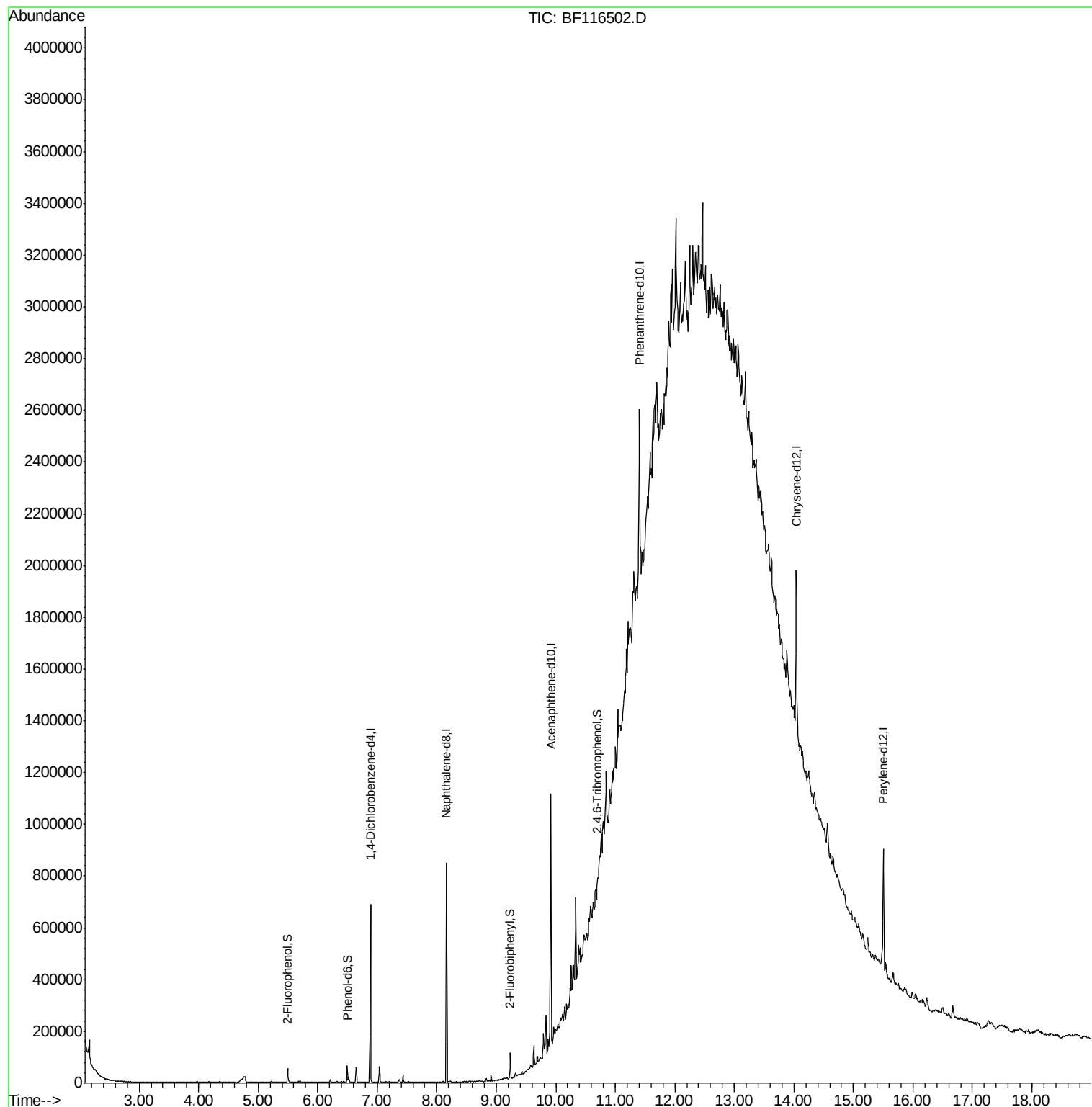
Target Compounds	Qvalue
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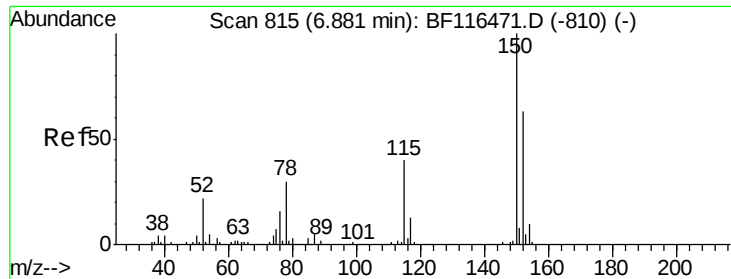
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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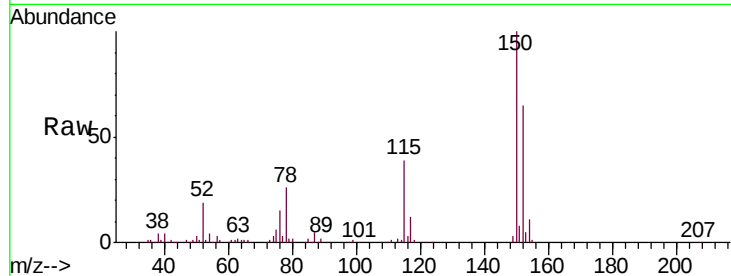


#1

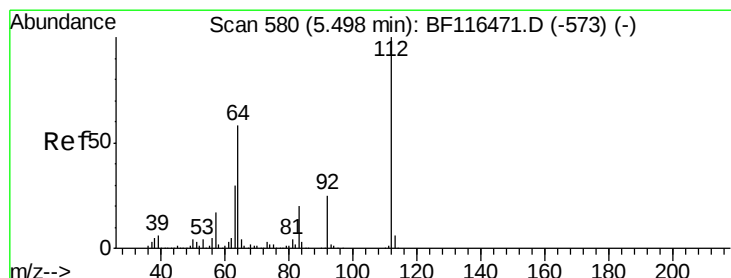
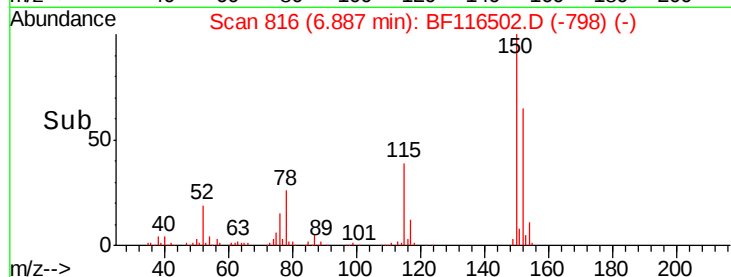
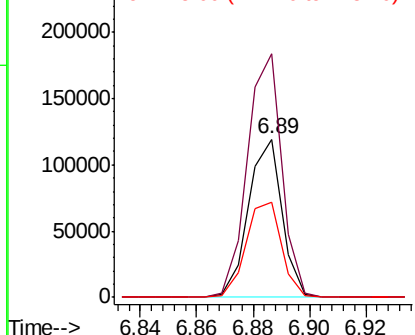
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116502.D
Acq: 24 Aug 2019 2:45

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

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



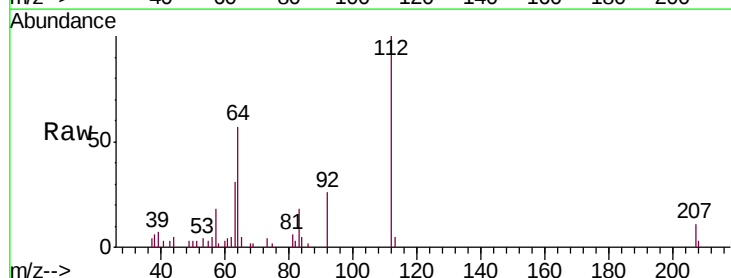
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



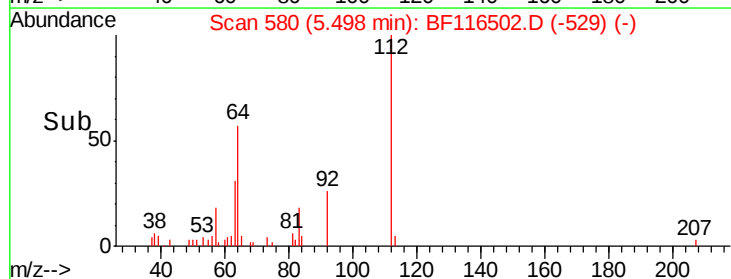
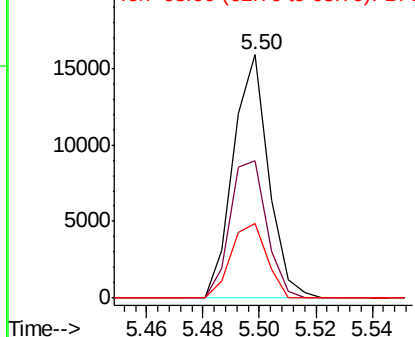
#5

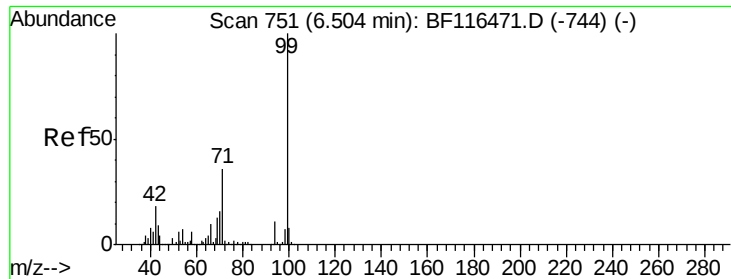
2-Fluorophenol
Concen: 2.045 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF116502.D
Acq: 24 Aug 2019 2:45

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)

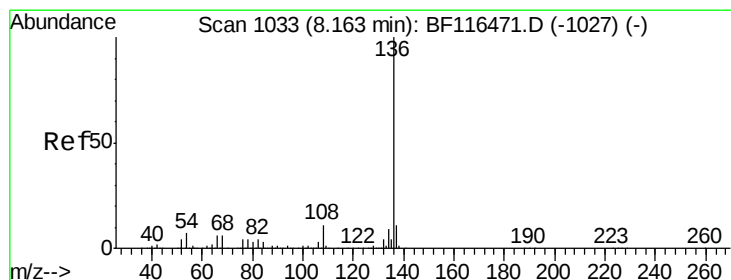
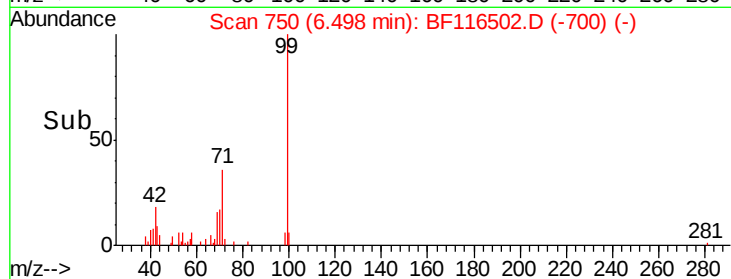
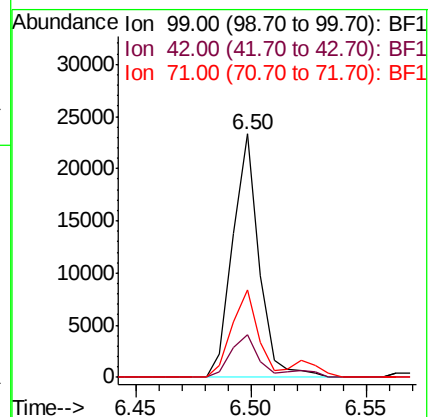
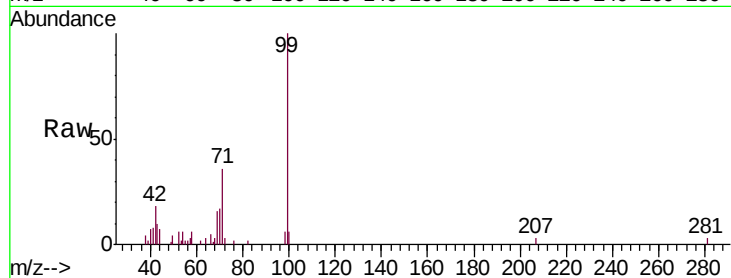
Tot Ion: 99 Resp: 18563

Ion Ratio Lower Upper

99 100

42 17.8 14.6 21.8

71 36.1 28.5 42.7



#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

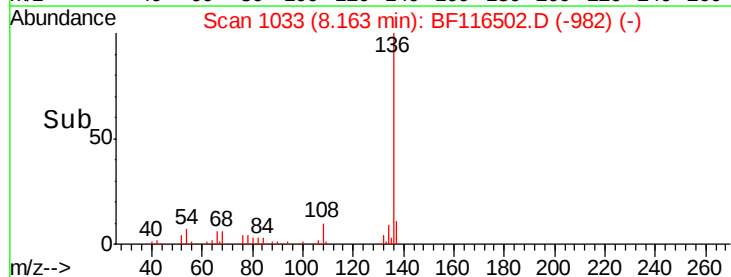
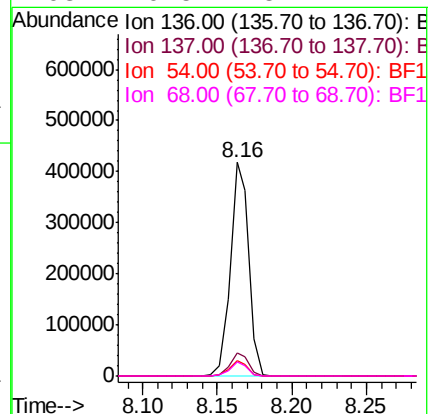
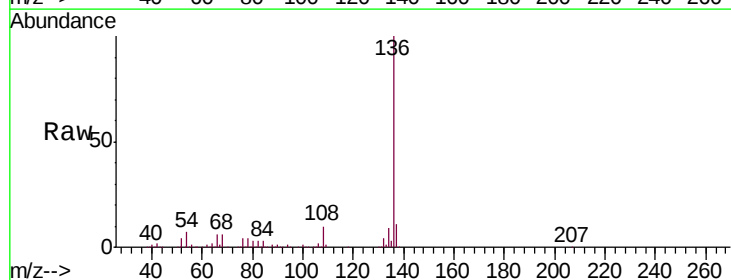
Ion Ratio Lower Upper

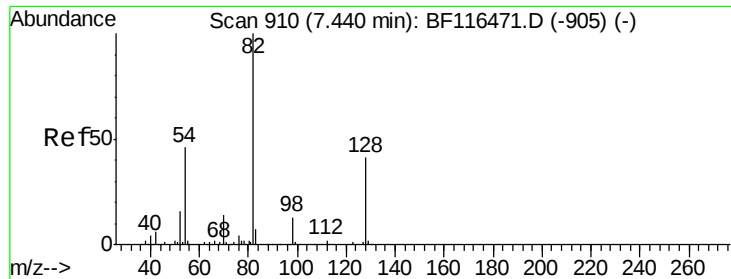
136 100

137 10.9 9.0 13.4

54 7.0 5.8 8.6

68 6.5 5.1 7.7

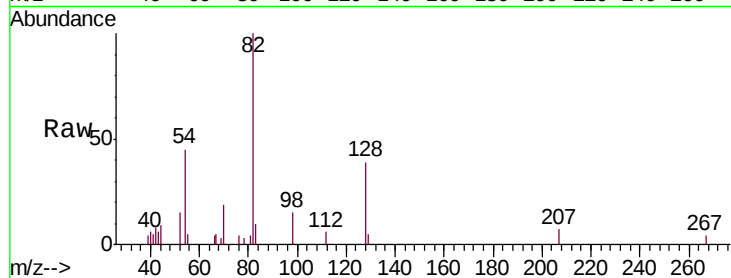




#23
 Nitrobenzene-d5
 Concen: 1.146 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

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

Tot Ion	82.00	Resp	7634
Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.2	48.4
54	45.4	36.5	54.7

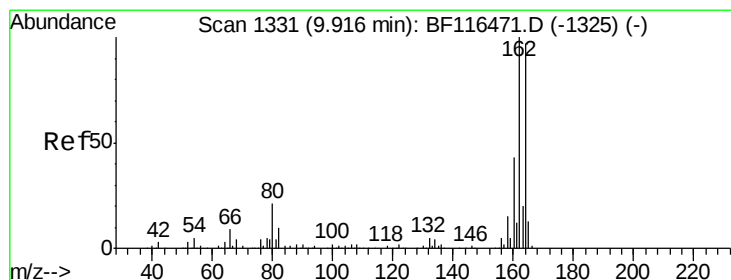
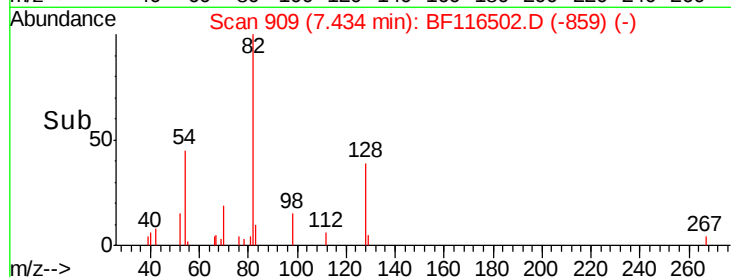
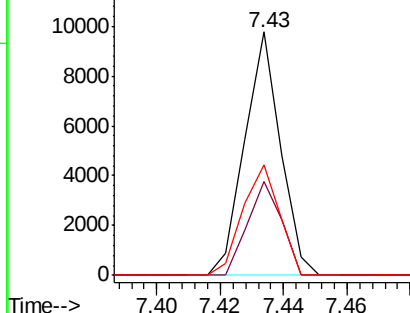


Abundance

Ion 82.00 (81.70 to 82.70): BF1

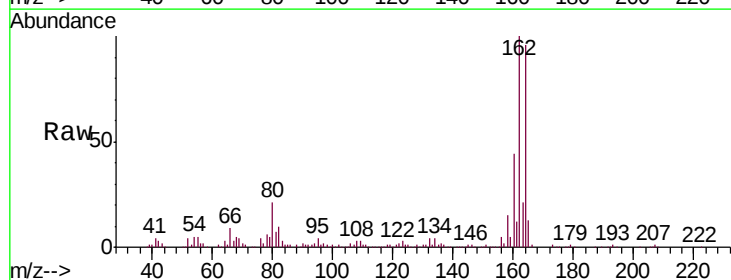
Ion 128.00 (127.70 to 128.70): BF1

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	164	Resp	165005
Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	45.7	35.8	53.8

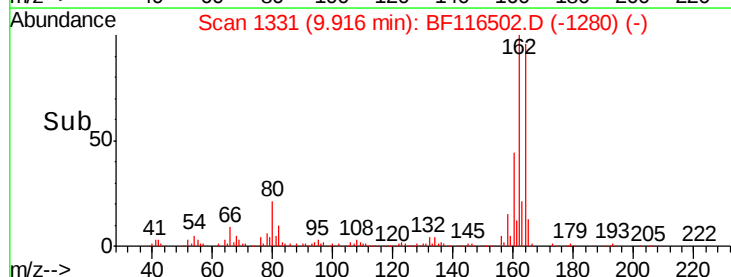
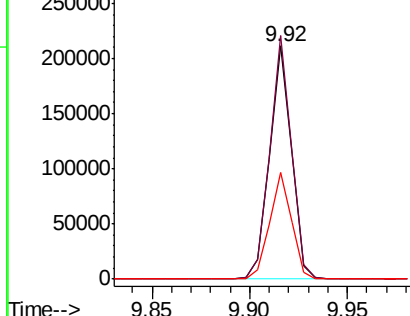


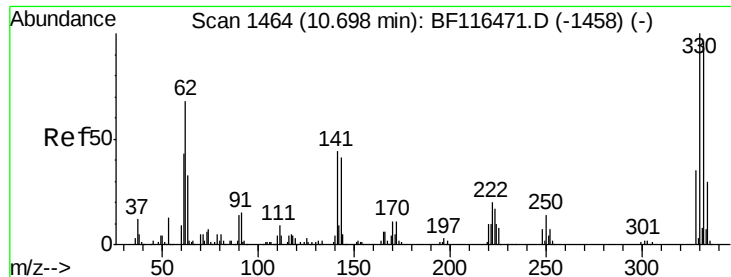
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

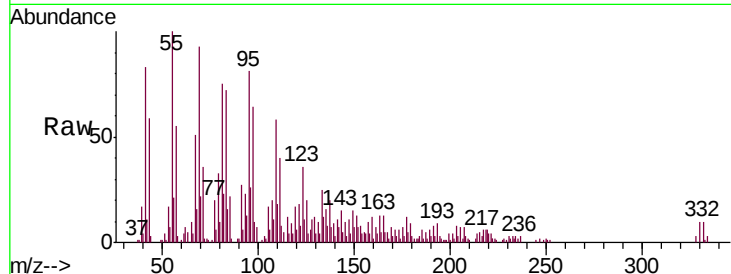




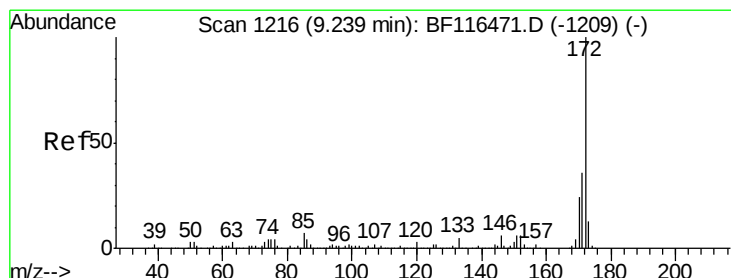
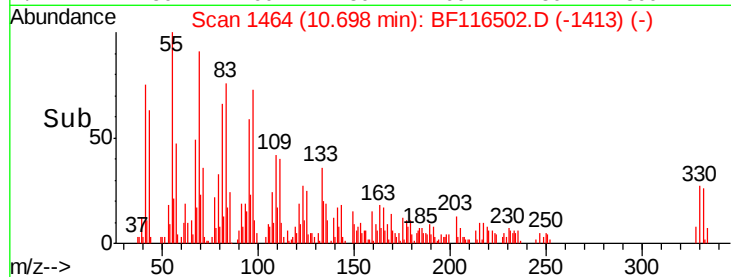
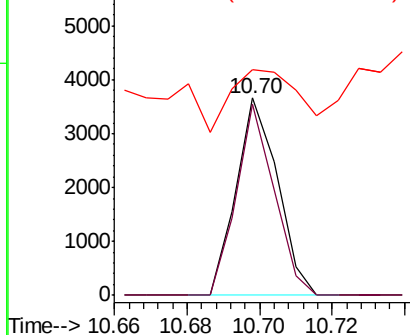
#42
 2,4,6-Tribromophenol
 Concen: 2.047 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	88.7	77.2	115.8
141	50.4	33.3	49.9#

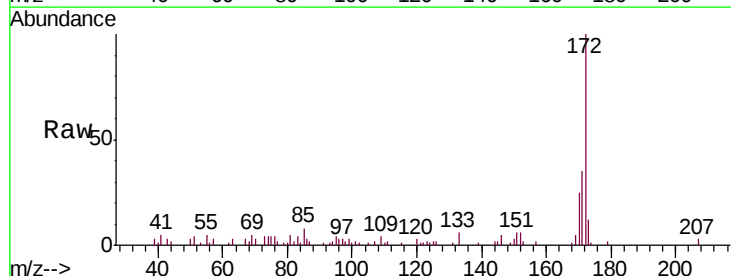


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

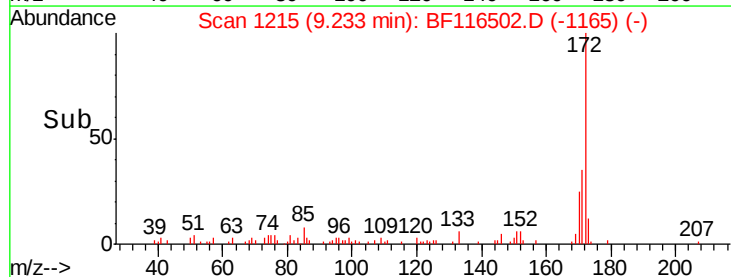
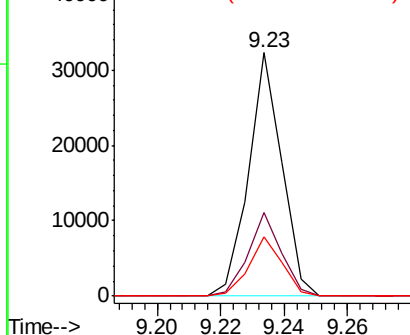


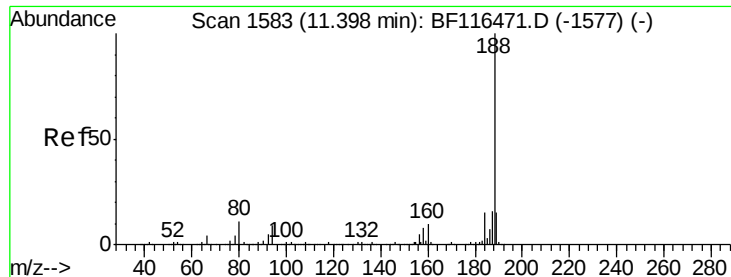
#45
 2-Fluorobiphenyl
 Concen: 2.281 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116502.D
 Acq: 24 Aug 2019 2:45

Tgt Ion	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

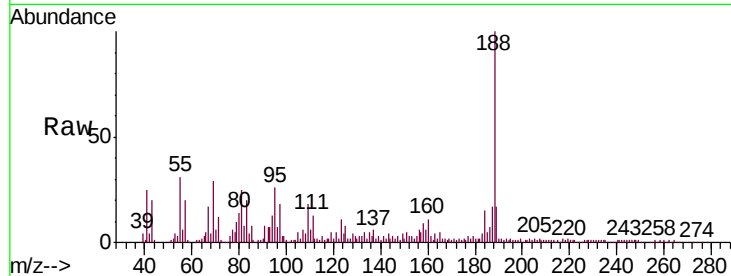




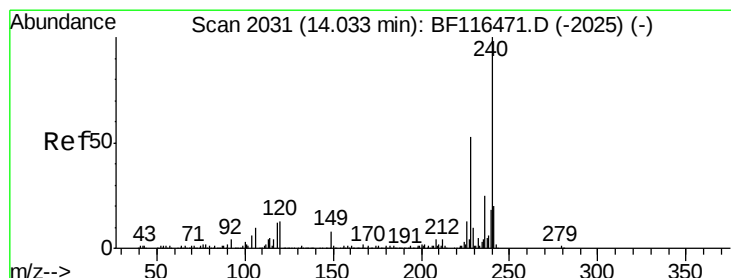
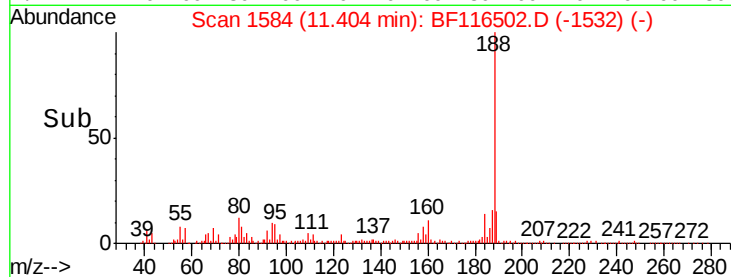
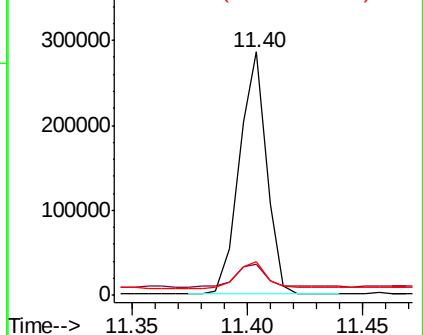
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF116502.D
Acq: 24 Aug 2019 2:45

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

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

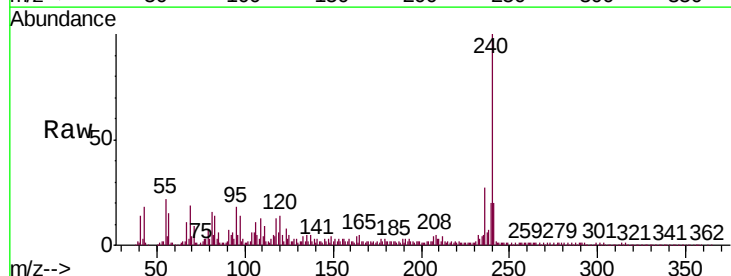


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

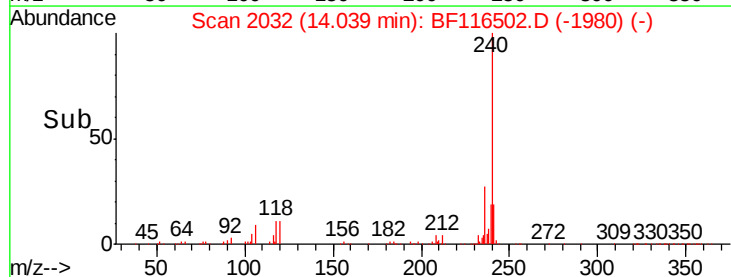
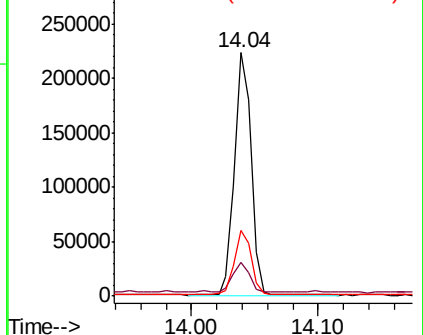


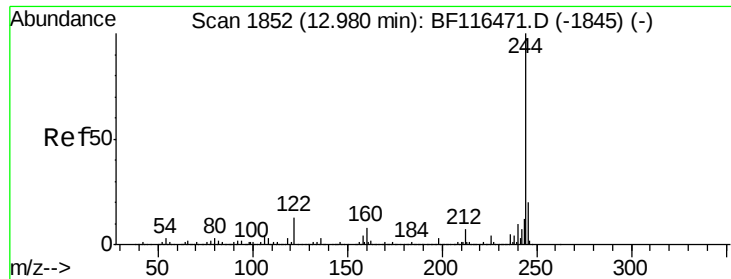
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF116502.D
Acq: 24 Aug 2019 2:45

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

Instrument :

BNA_F

ClientSampled :

WC-(A-C)

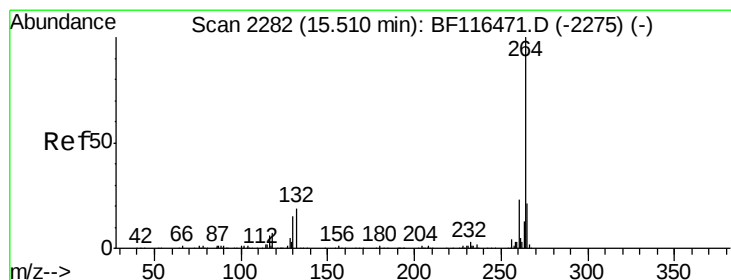
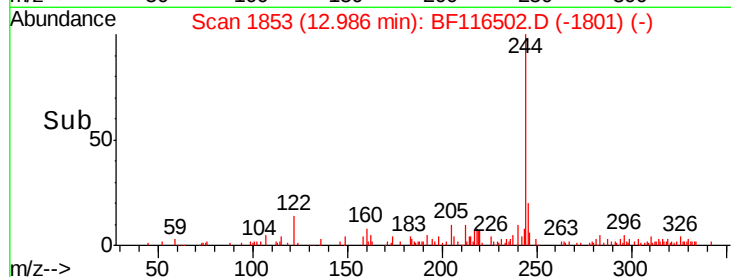
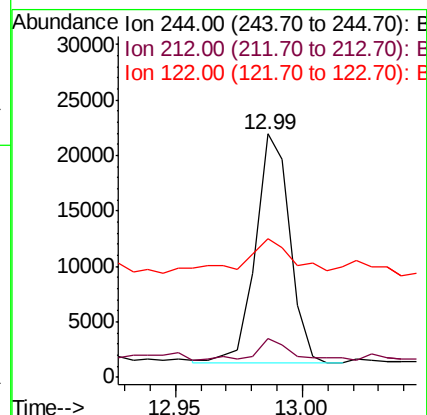
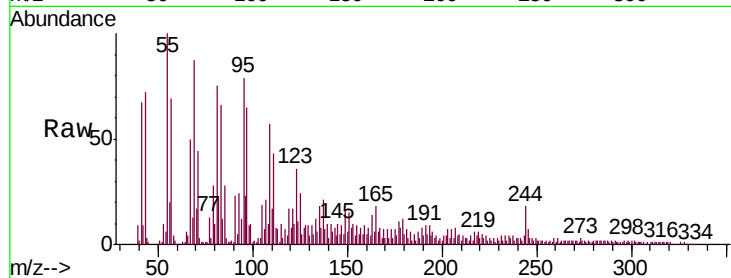
Tot Ion:244 Resp: 19289

Ion Ratio Lower Upper

244 100

212 16.0 5.7 8.5#

122 57.2 10.2 15.4#



#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

Tgt Ion:264 Resp: 216819

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.2 17.1 25.7

