

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117904.D
 Acq On : 21 Nov 2019 11:39
 Operator : JU
 Sample : K5927-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Quant Time: Nov 21 15:31:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

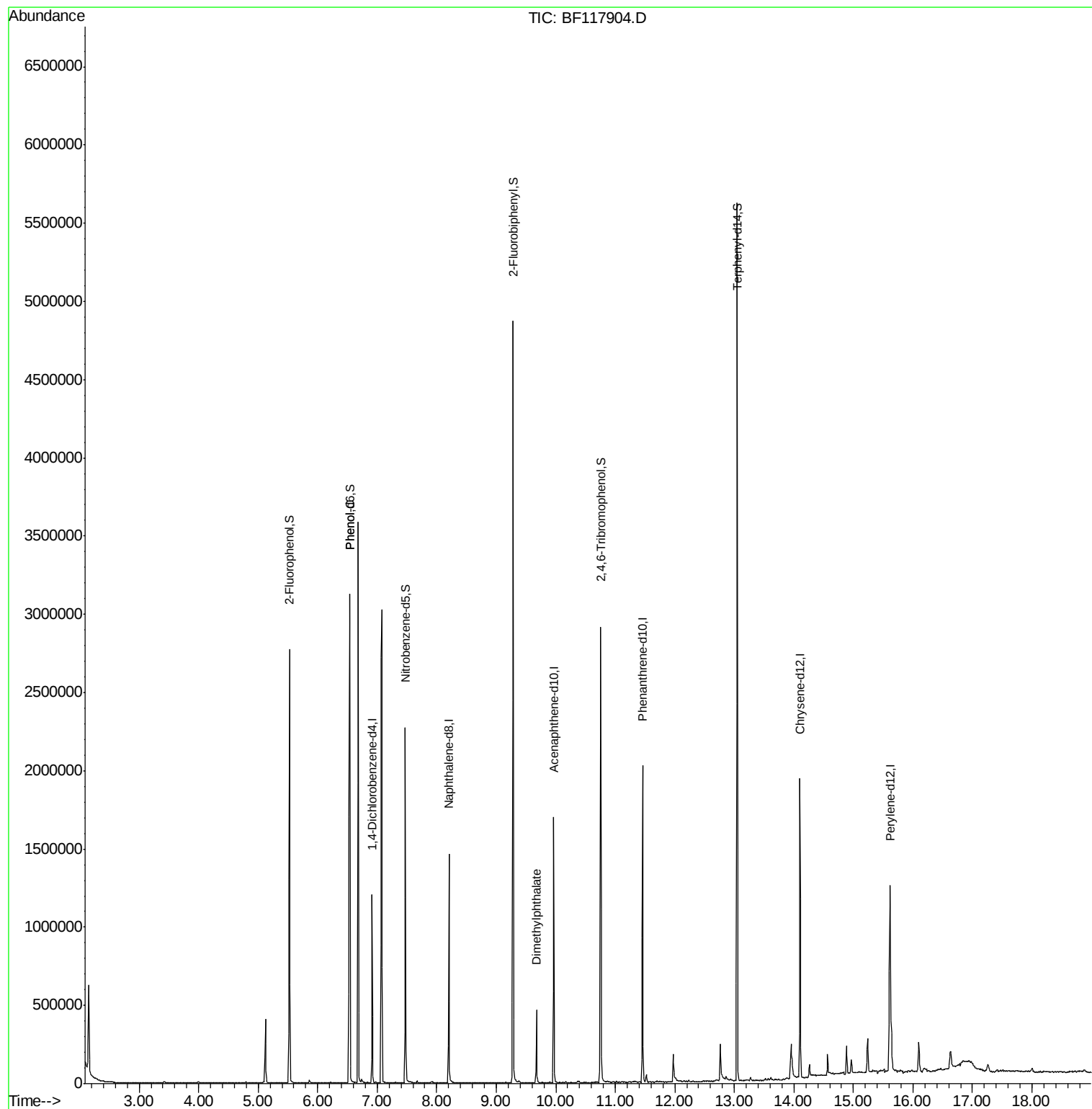
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	159246	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	639497	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	351779	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	698744	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	581618	20.00	ng	-0.01
87) Perylene-d12	15.62	264	567101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	796543	88.54	ng	0.00
7) Phenol-d6	6.54	99	1135385	104.63	ng	0.00
23) Nitrobenzene-d5	7.47	82	701441	65.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	339455	91.15	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1433189	73.09	ng	-0.01
79) Terphenyl-d14	13.05	244	1960595	61.61	ng	0.00
Target Compounds						
10) Phenol	6.55	94	28238	2.504	ng	83
50) Dimethylphthalate	9.67	163	190116	7.707	ng	98

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

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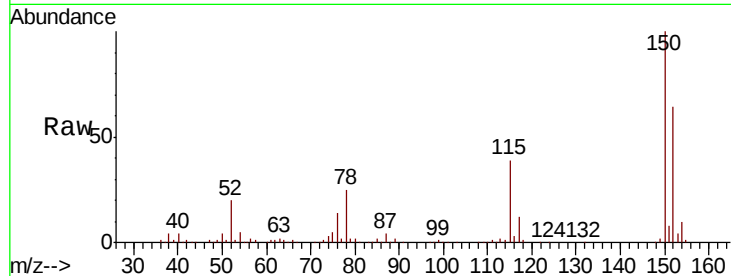


#1

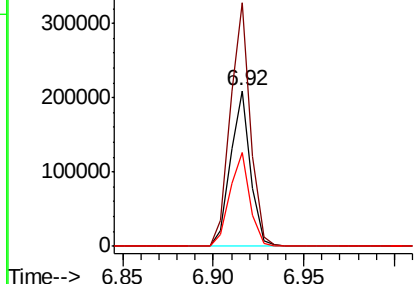
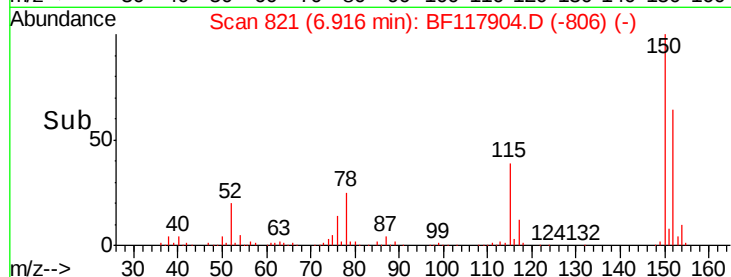
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion:152 Resp: 159246
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 60.5 47.0 70.4



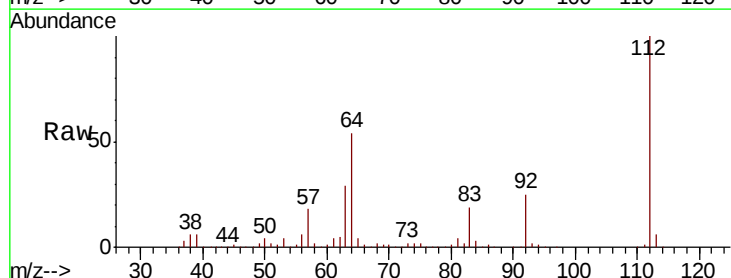
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



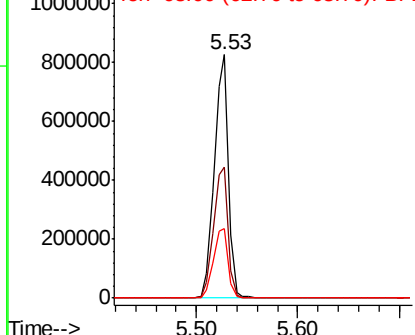
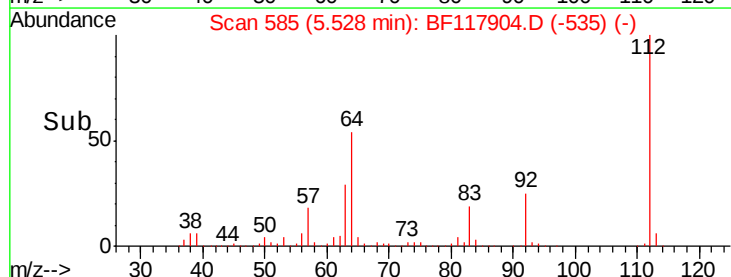
#5

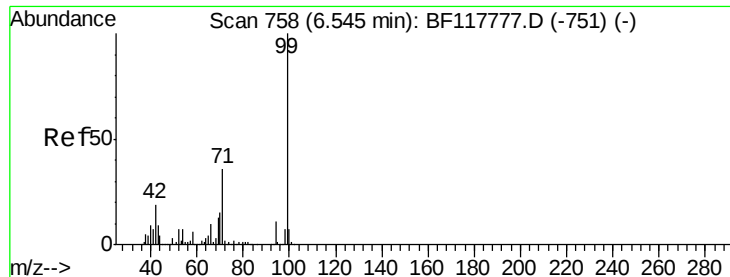
2-Fluorophenol
Concen: 88.540 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:112 Resp: 796543
Ion Ratio Lower Upper
112 100
64 53.9 45.6 68.4
63 28.8 24.1 36.1



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: 104.633 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

Instrument :

BNA_F

ClientSampleId :

B-1

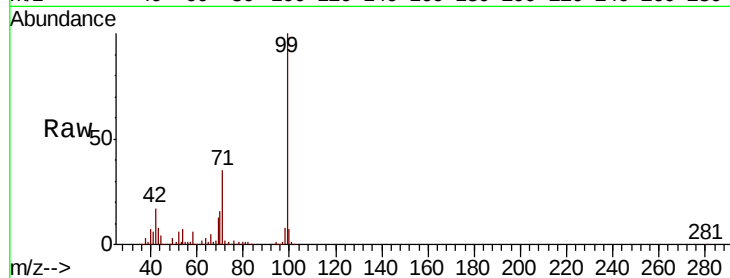
Tot Ion: 99 Resp: 1135385

Ion Ratio Lower Upper

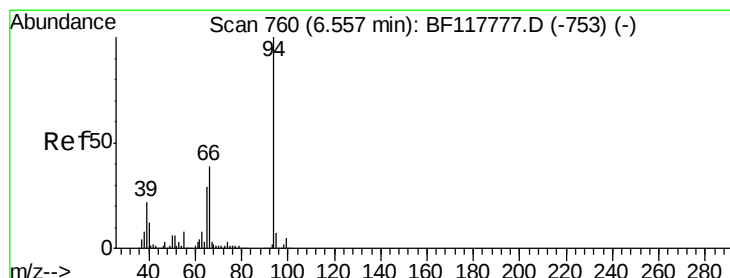
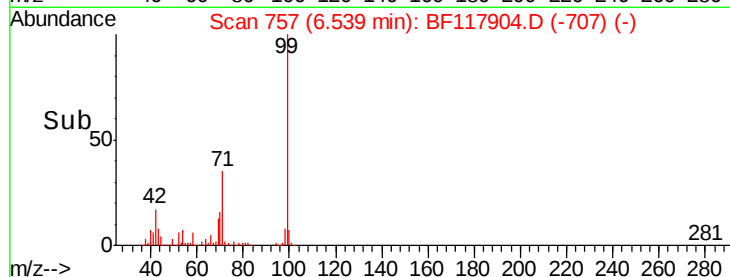
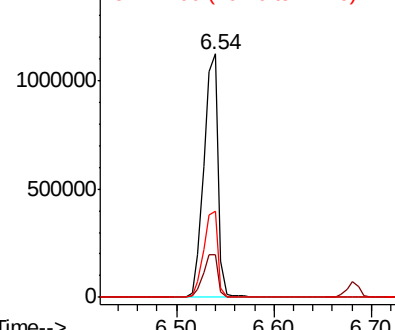
99 100

42 17.3 14.9 22.3

71 35.3 28.6 43.0



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



#10

Phenol

Concen: 2.504 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

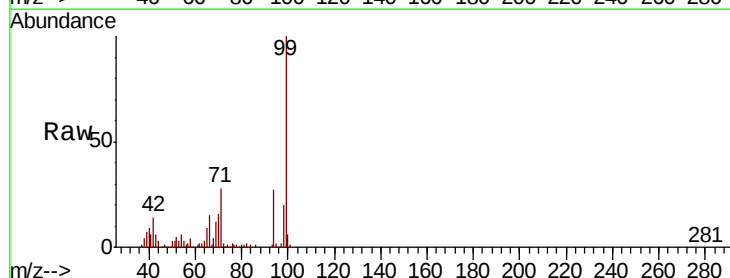
Tgt Ion: 94 Resp: 28238

Ion Ratio Lower Upper

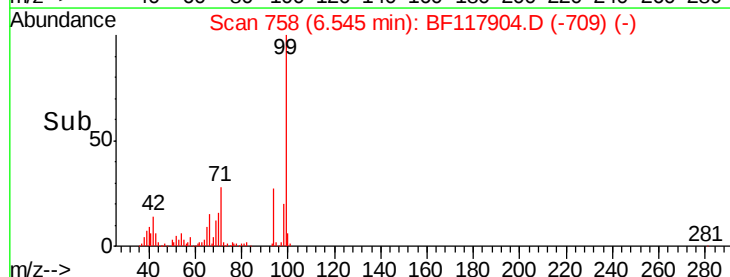
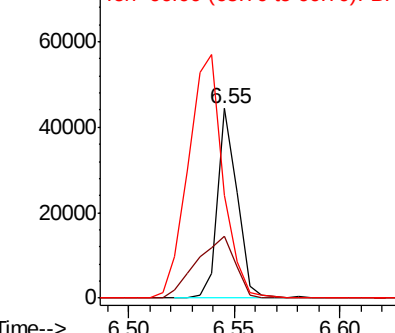
94 100

65 32.4 8.9 48.9

66 54.1 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

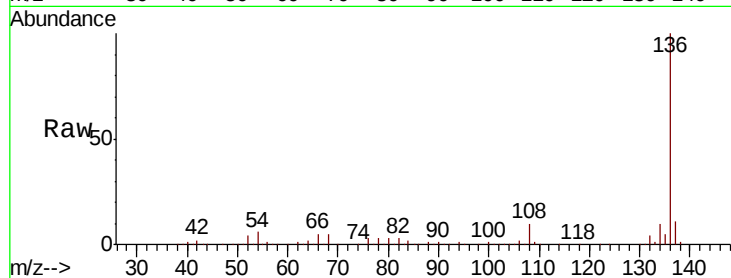




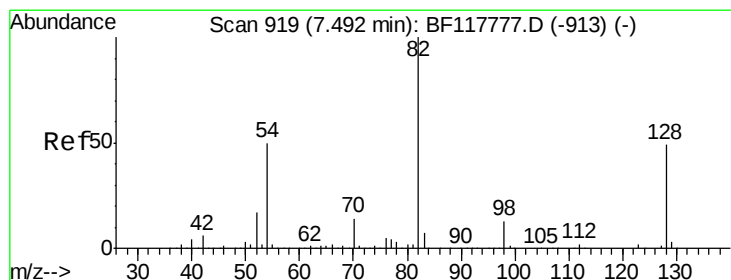
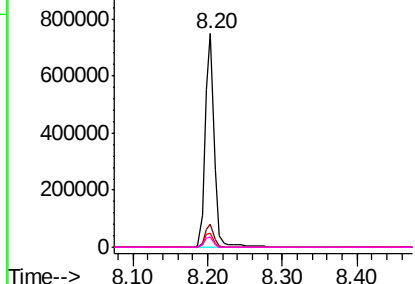
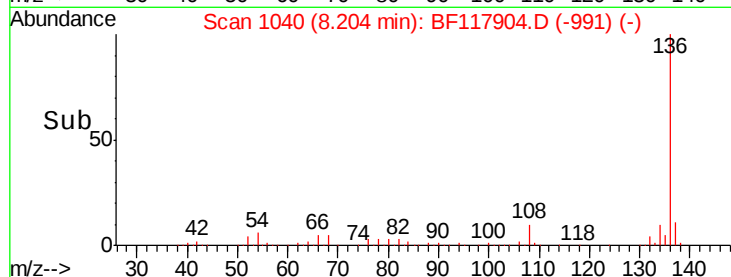
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampleID :
B-1

Tot Ion:136	Resp:	639497
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.4	5.4 8.2
68	5.0	4.3 6.5

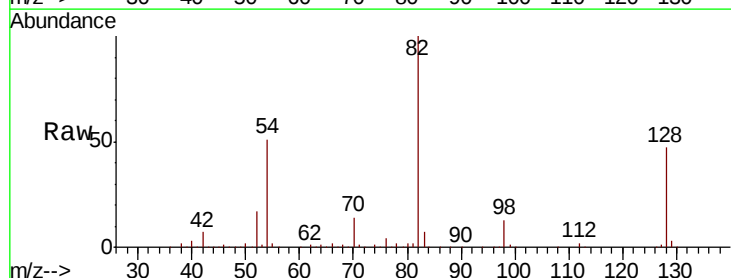


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

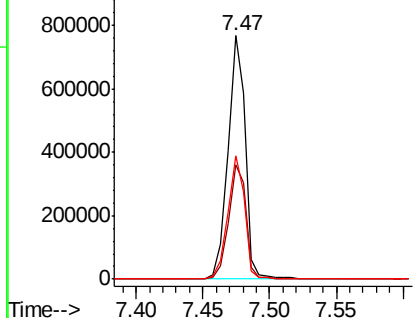
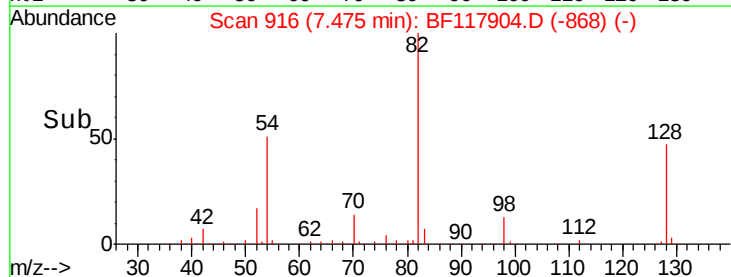


#23
Nitrobenzene-d5
Concen: 65.204 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion: 82	Resp:	701441
Ion Ratio	Lower	Upper
82	100	
128	47.0	38.9 58.3
54	50.6	39.8 59.6



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

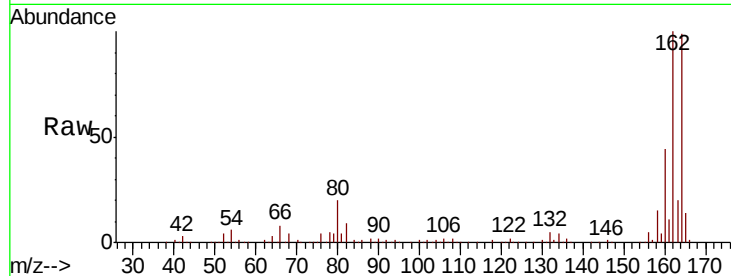




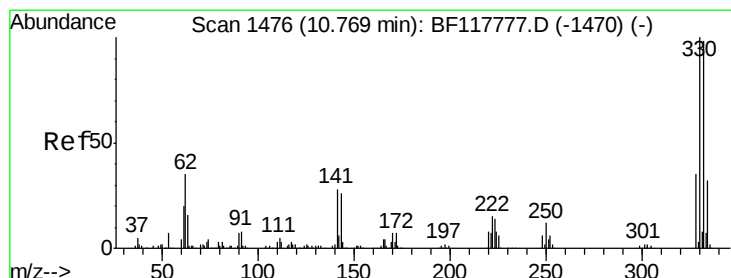
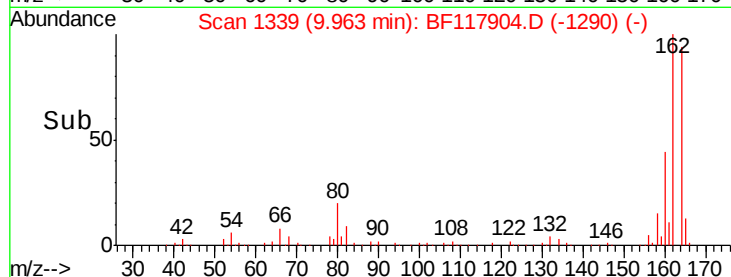
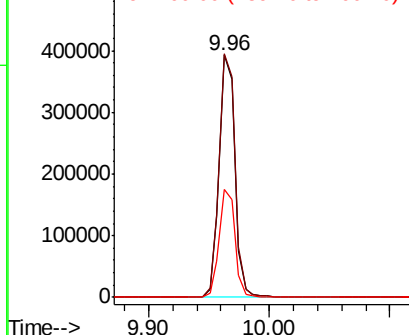
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion:164 Resp: 351779
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 44.7 36.6 55.0

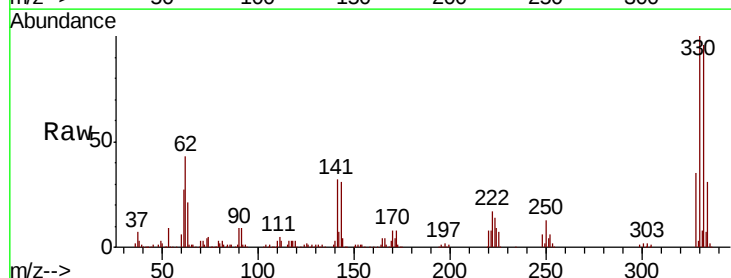


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

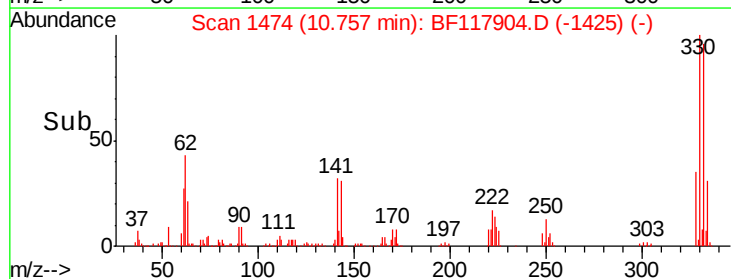
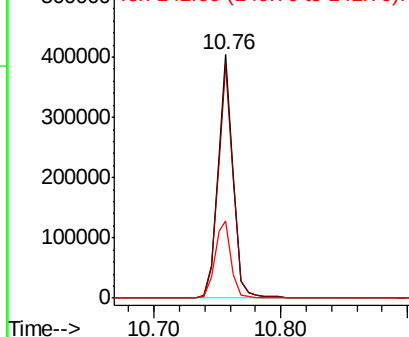


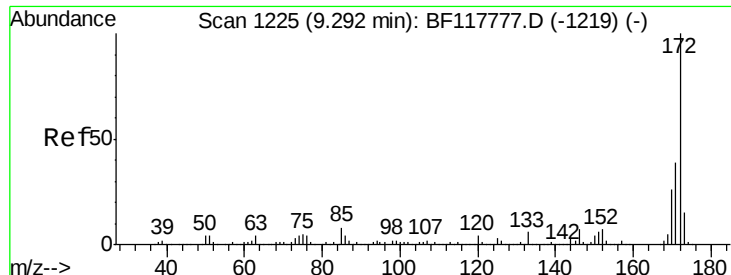
#42
2,4,6-Tribromophenol
Concen: 91.147 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:330 Resp: 339455
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 34.3 27.7 41.5



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

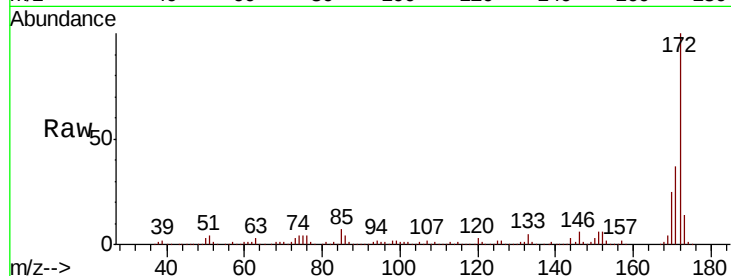




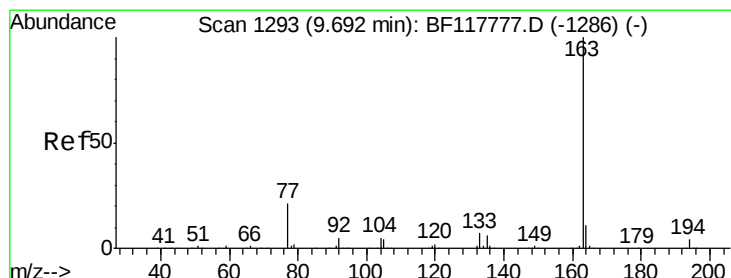
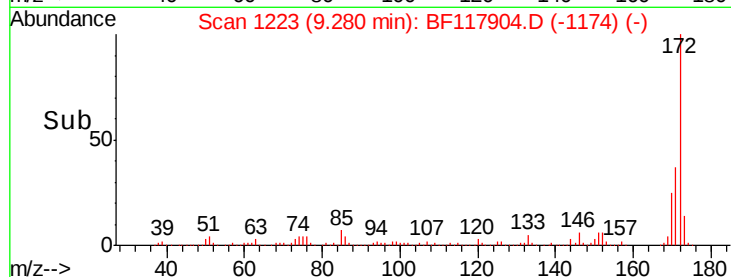
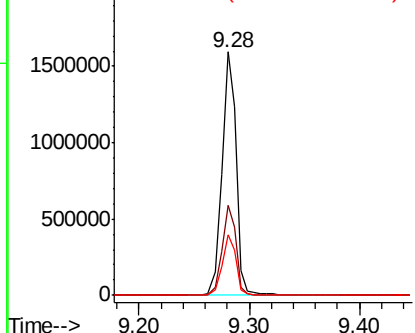
#45
2-Fluorobiphenyl
Concen: 73.091 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion:172 Resp: 1433189
Ion Ratio Lower Upper
172 100
171 37.2 30.9 46.3
170 24.9 21.0 31.4

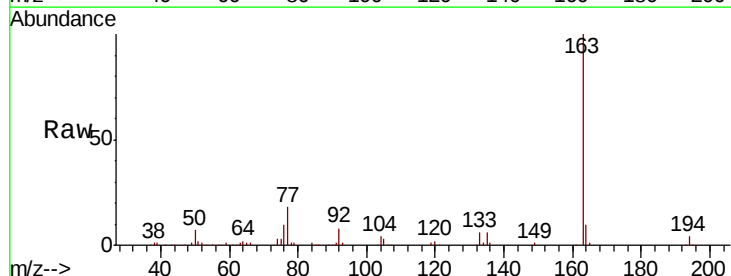


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

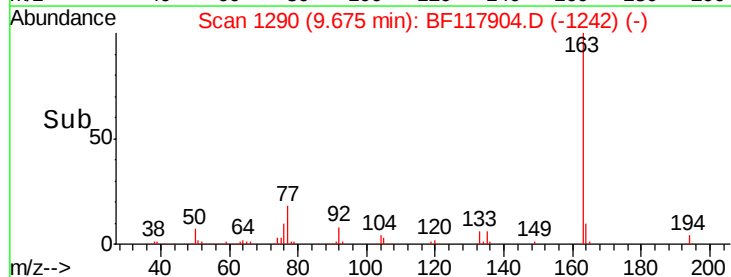
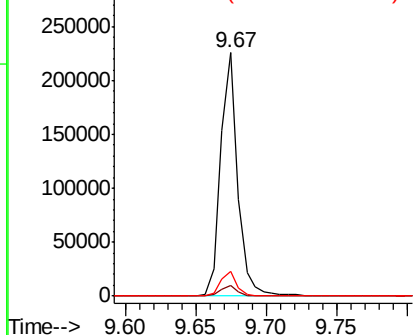


#50
Dimethylphthalate
Concen: 7.707 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:163 Resp: 190116
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.7 13.1



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

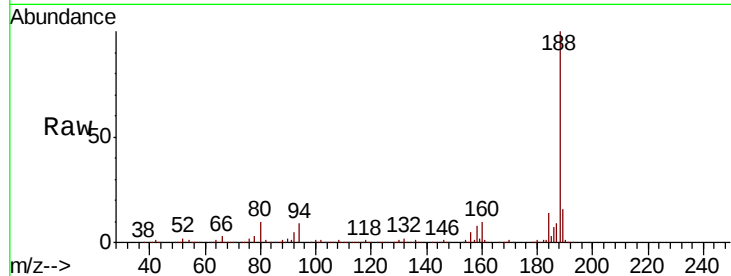




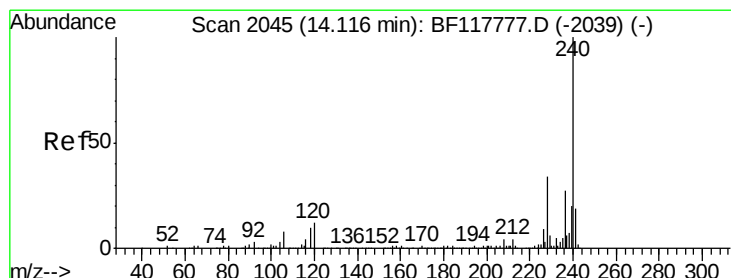
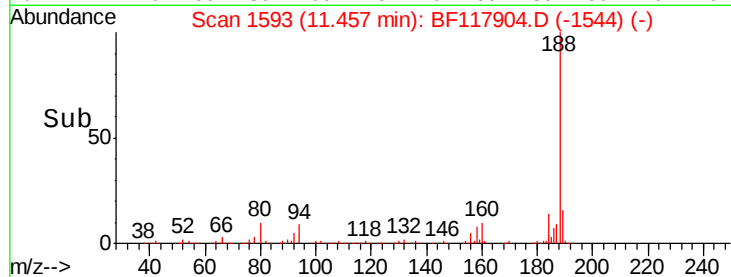
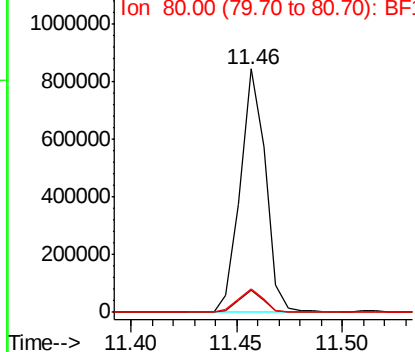
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion:188 Resp: 698744
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.6 7.2 10.8

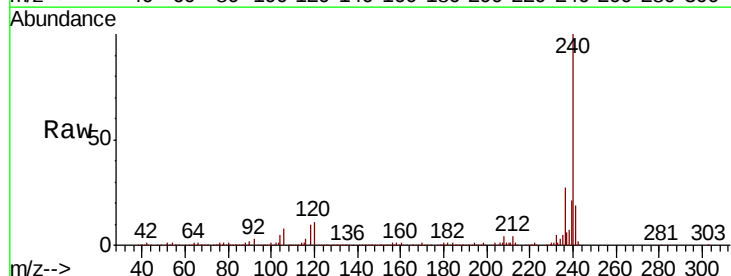


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

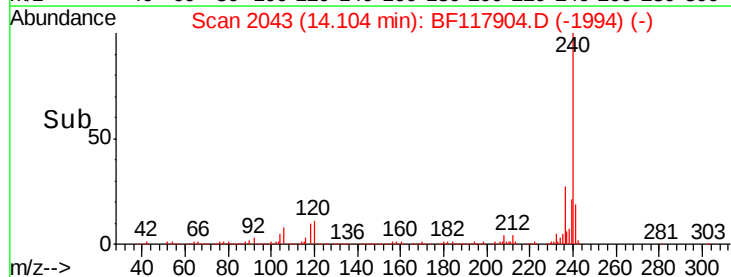
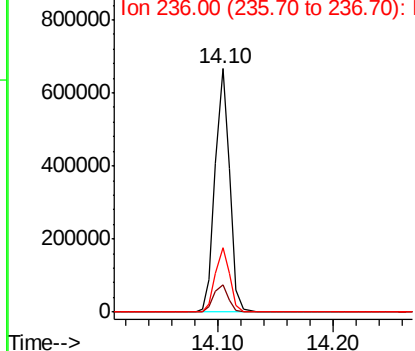


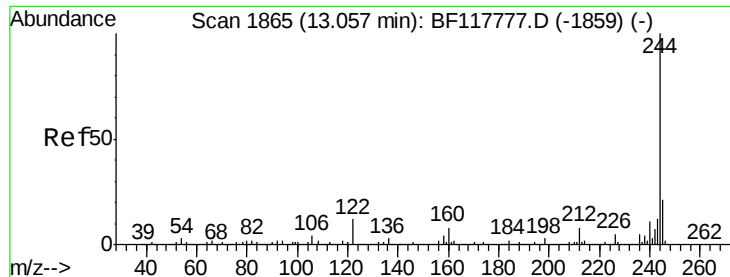
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:240 Resp: 581618
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.7 21.3 31.9



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: 61.607 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

Instrument :

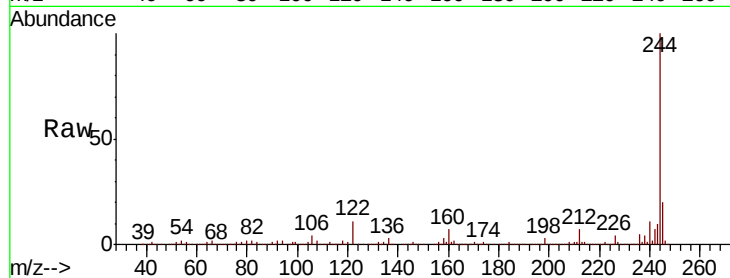
BNA_F

ClientSampled :

B-1

Tot Ion:244 Resp: 1960595

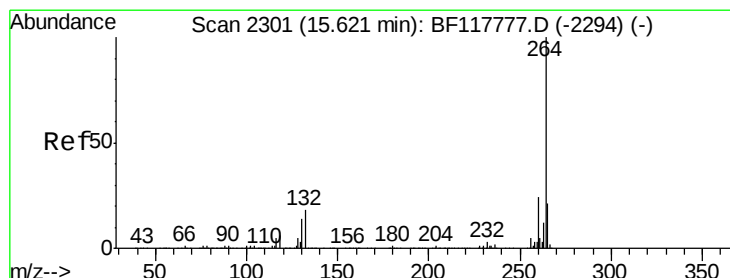
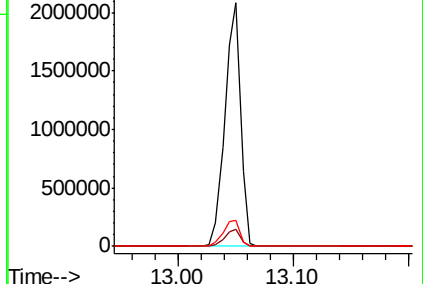
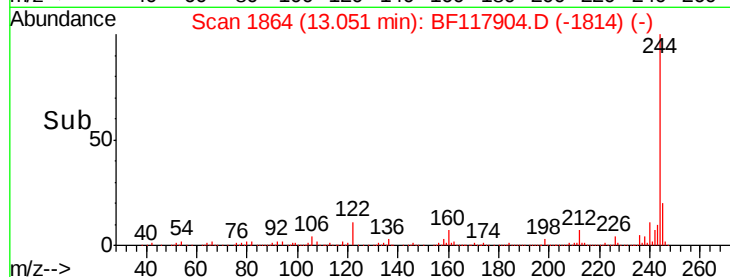
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	10.5	9.4	14.2



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: 15.62 min Scan# 2300

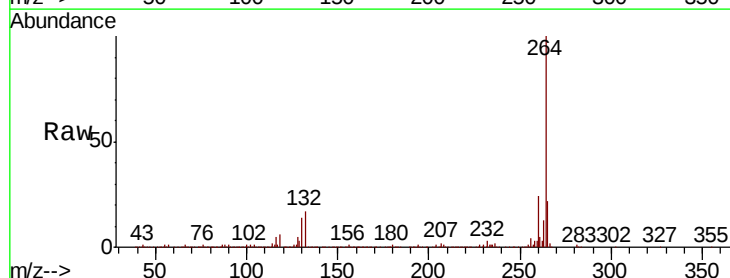
Delta R.T. -0.01 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

Tgt Ion:264 Resp: 567101

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.2	17.1	25.7



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

