

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117251.D
 Acq On : 25 Sep 2019 20:12
 Operator : JU
 Sample : K5020-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3465

Quant Time: Sep 26 03:59:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

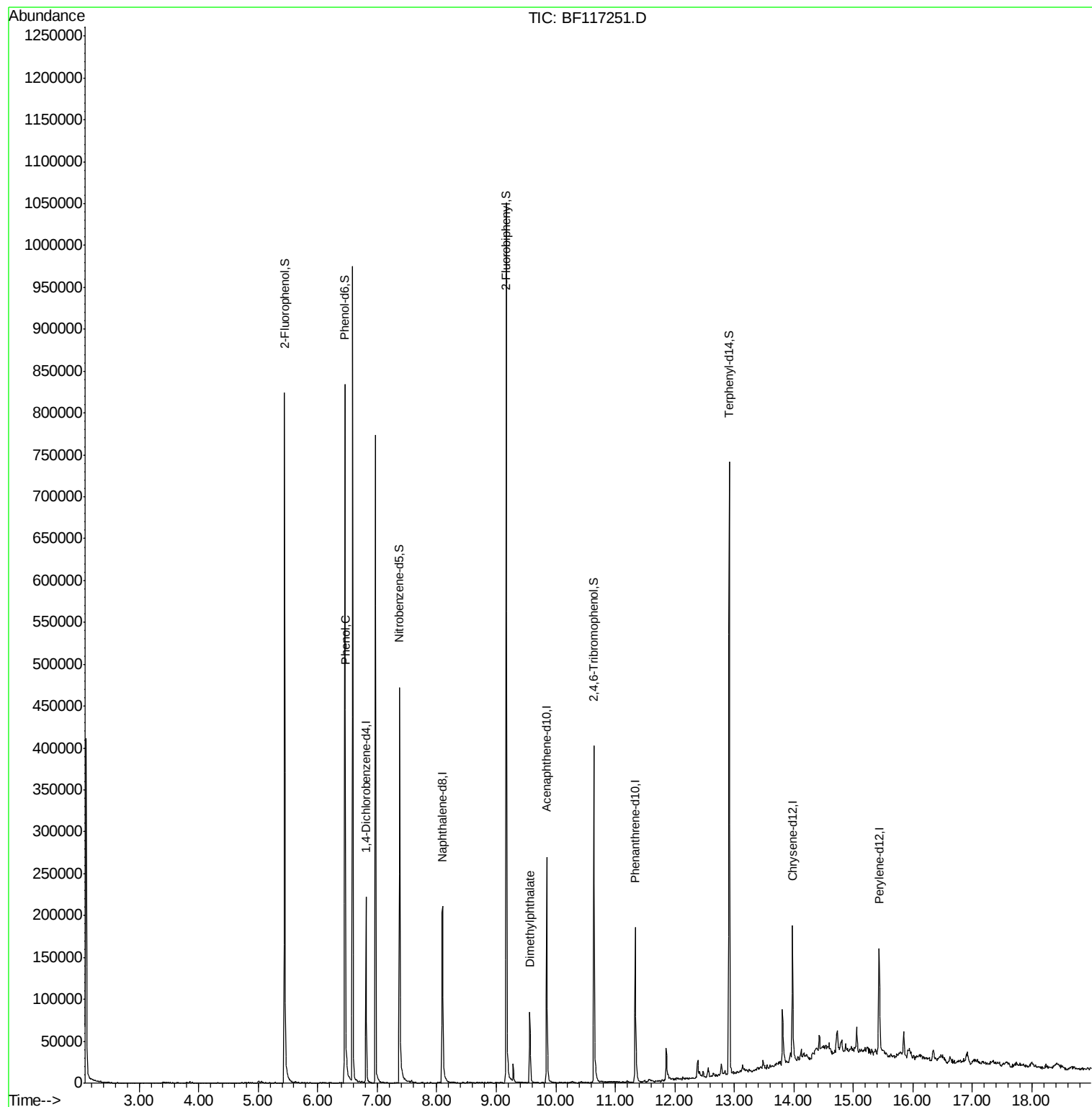
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37377	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	140285	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	66203	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	88640	20.00	ng	0.00
76) Chrysene-d12	13.97	240	58459	20.00	ng	0.00
87) Perylene-d12	15.43	264	62101	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	232074	96.94	ng	0.00
7) Phenol-d6	6.46	99	307816	99.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	195991	73.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	51404	92.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	336442	79.46	ng	0.00
79) Terphenyl-d14	12.92	244	228256	72.98	ng	0.00
Target Compounds						
10) Phenol	6.47	94	8642	2.534	ng	89
50) Dimethylphthalate	9.56	163	43664	9.315	ng	97

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

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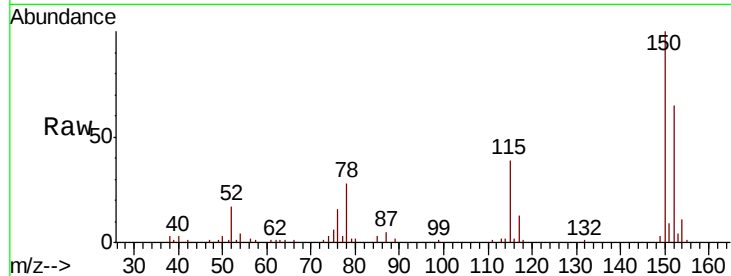


#1

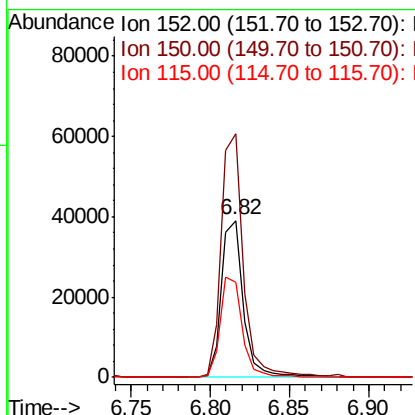
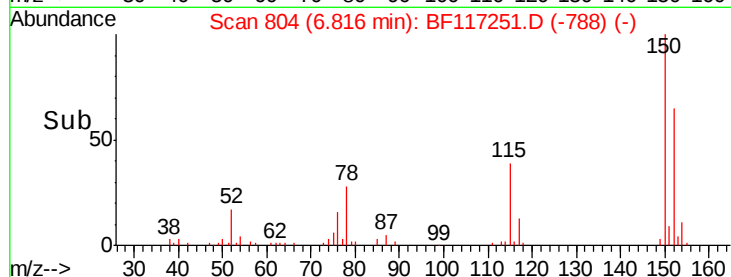
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
RT-3465

Tot Ion:152 Resp: 37377
Ion Ratio Lower Upper
152 100
150 154.9 127.5 191.3
115 60.6 55.0 82.4



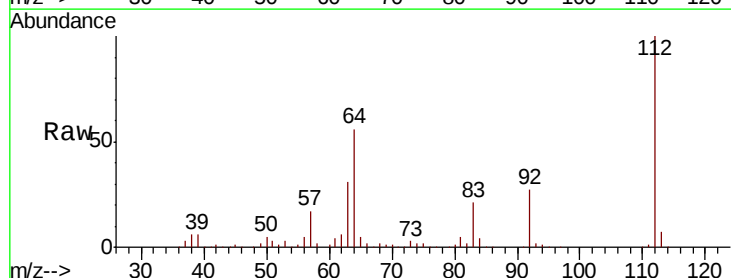
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



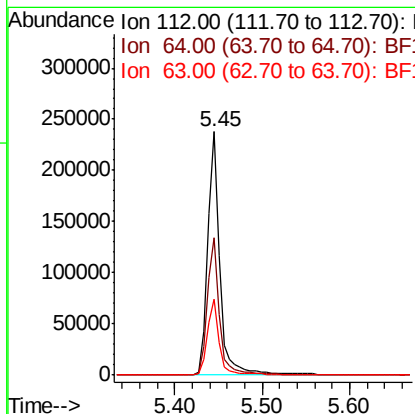
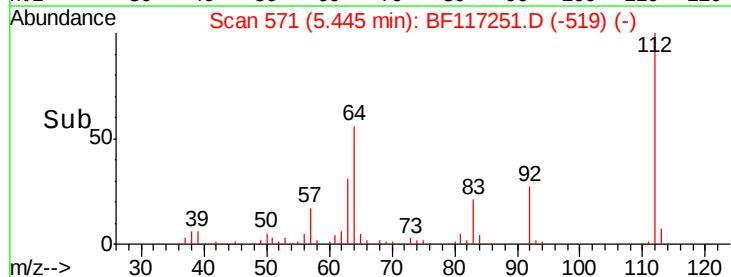
#5

2-Fluorophenol
Concen: 96.938 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Tgt Ion:112 Resp: 232074
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 31.2 24.9 37.3



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: 99.489 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117251.D

Acq: 25 Sep 2019 20:12

Instrument :

BNA_F

ClientSampleId :

RT-3465

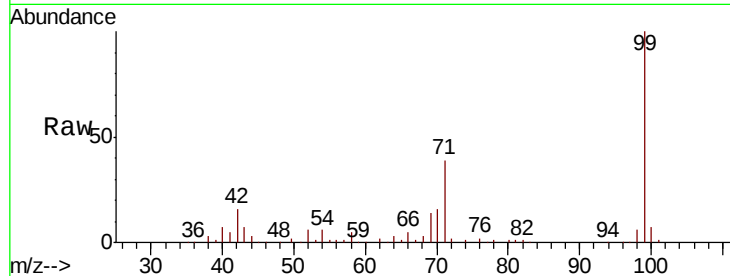
Tot Ion: 99 Resp: 307816

Ion Ratio Lower Upper

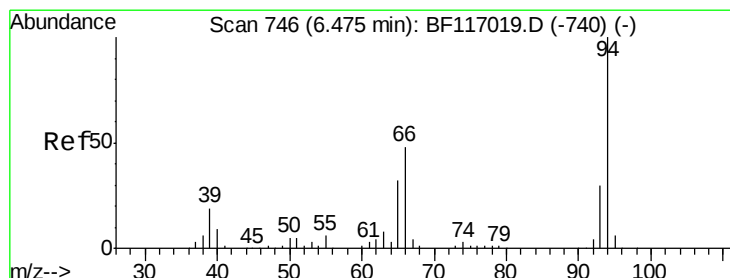
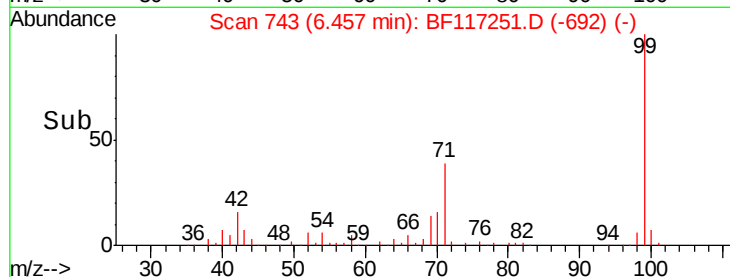
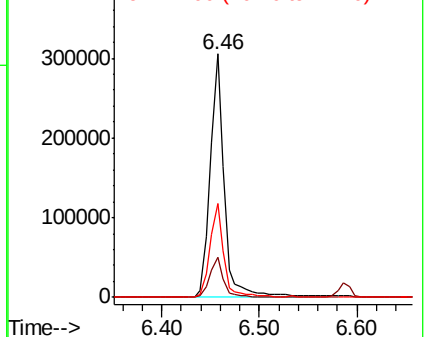
99 100

42 16.3 12.2 18.2

71 38.6 29.8 44.8



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: 2.534 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117251.D

Acq: 25 Sep 2019 20:12

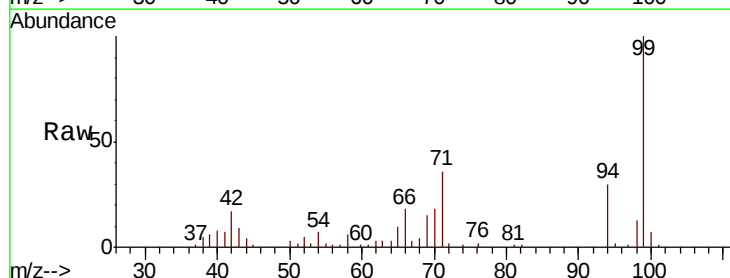
Tgt Ion: 94 Resp: 8642

Ion Ratio Lower Upper

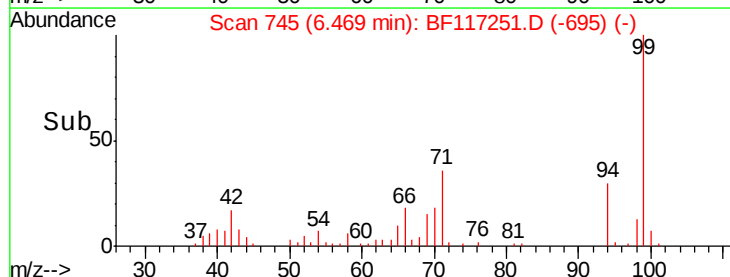
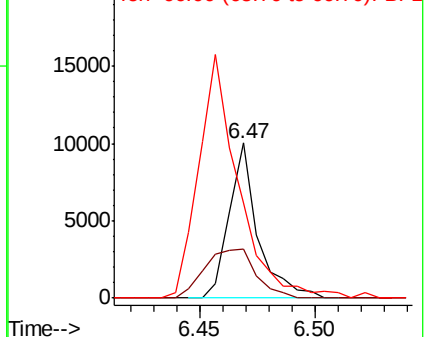
94 100

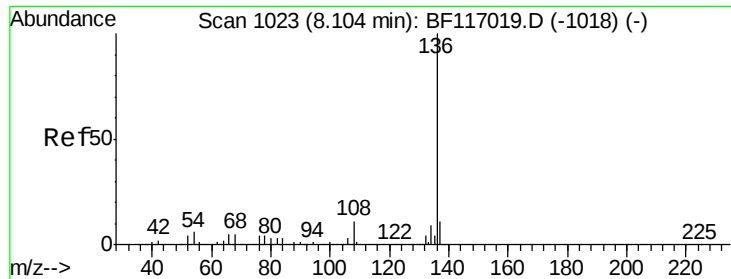
65 31.9 12.5 52.5

66 61.0 28.9 68.9



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117251.D

Acq: 25 Sep 2019 20:12

Instrument :

BNA_F

ClientSampleId :

RT-3465

Tot Ion:136 Resp: 140285

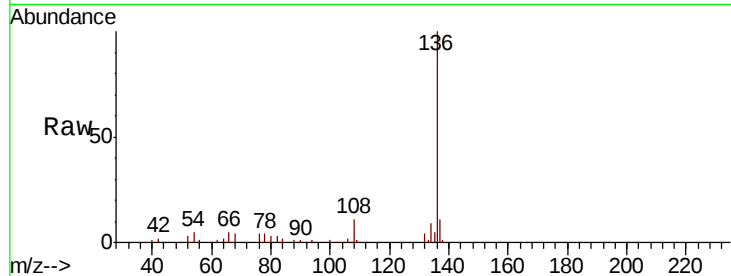
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 4.9 4.5 6.7

68 4.1 4.0 6.0

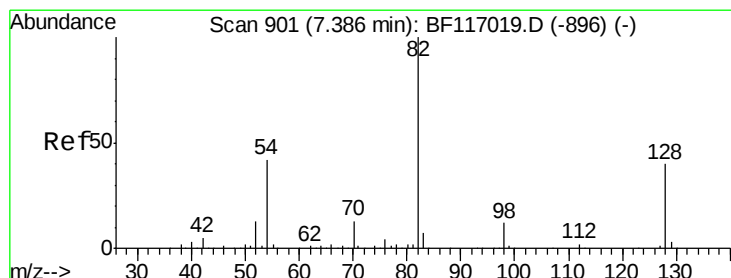
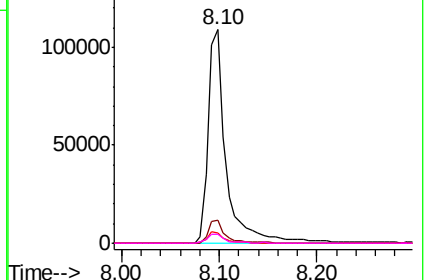
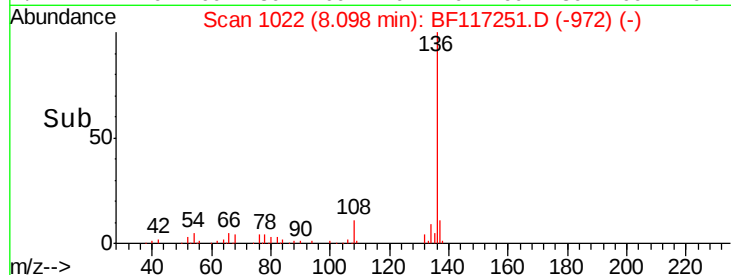


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.407 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF117251.D

Acq: 25 Sep 2019 20:12

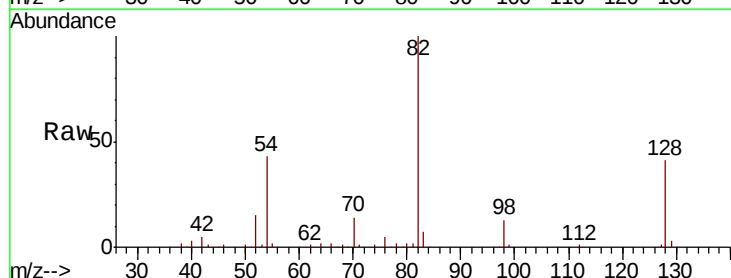
Tgt Ion: 82 Resp: 195991

Ion Ratio Lower Upper

82 100

128 40.7 32.3 48.5

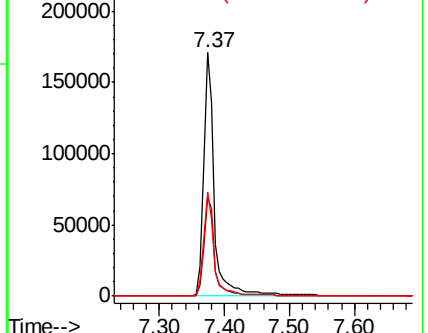
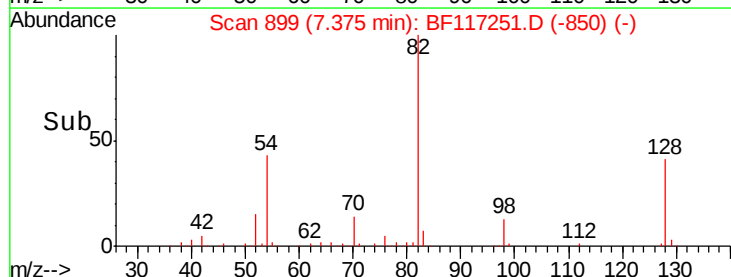
54 42.8 33.3 49.9

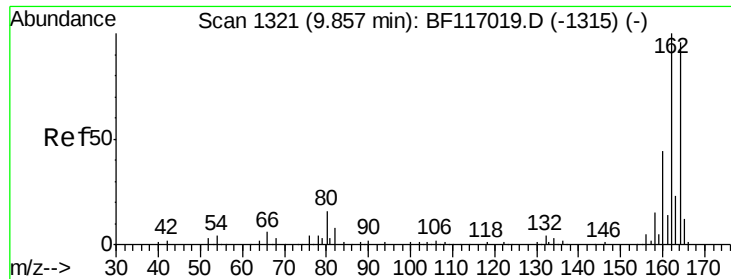


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

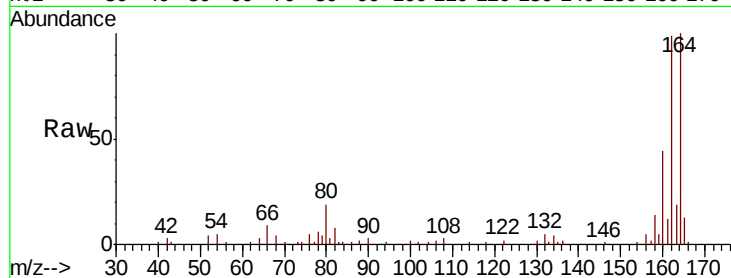




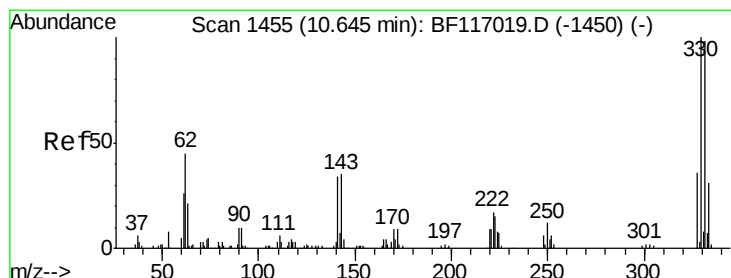
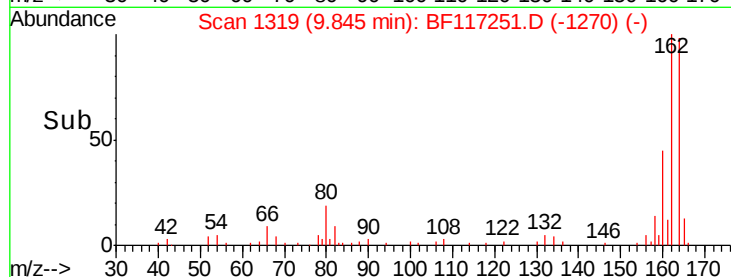
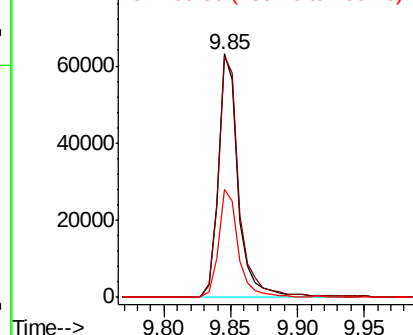
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
RT-3465

Tot Ion:164 Resp: 66203
Ion Ratio Lower Upper
164 100
162 99.0 83.4 125.2
160 44.3 36.4 54.6

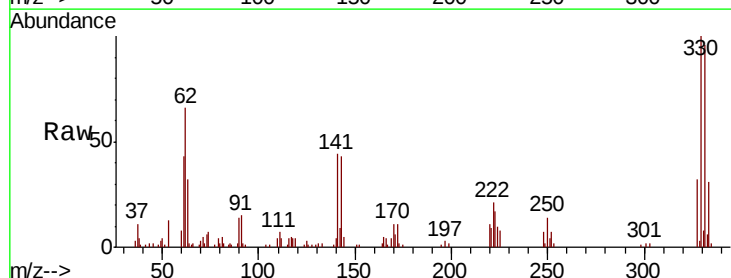


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

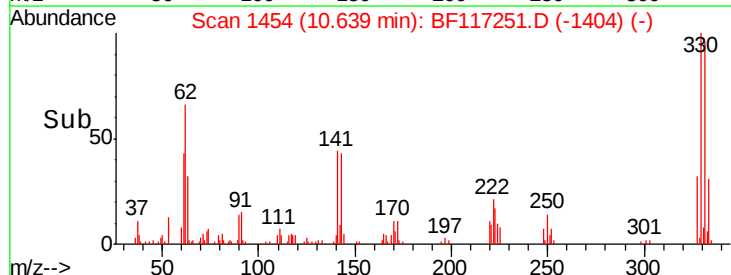
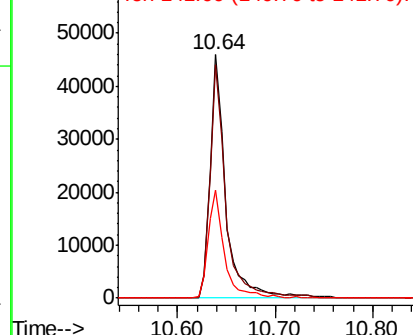


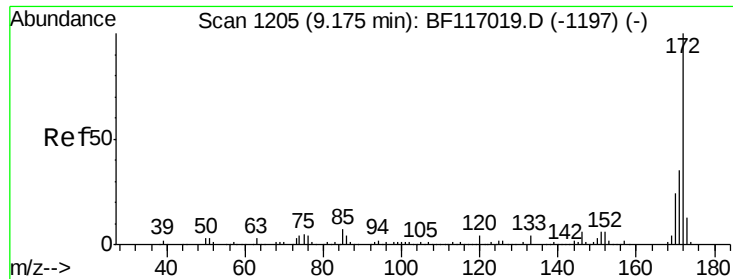
#42
2,4,6-Tribromophenol
Concen: 92.903 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Tgt Ion:330 Resp: 51404
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 45.6 35.8 53.6



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

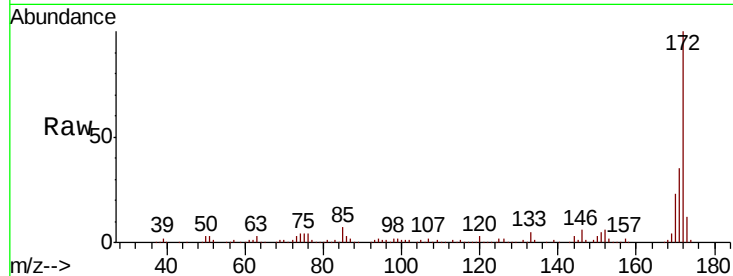




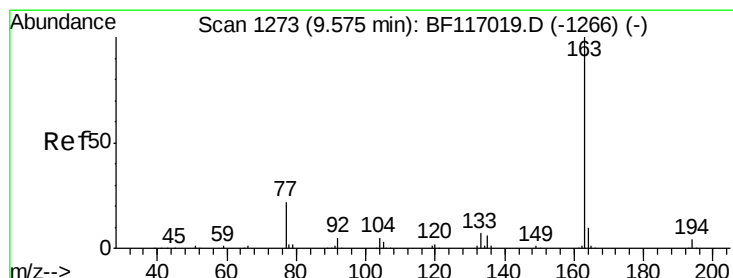
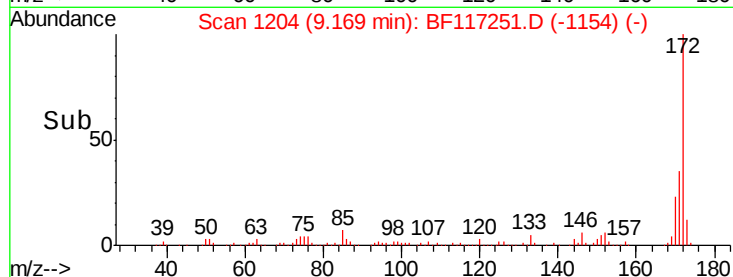
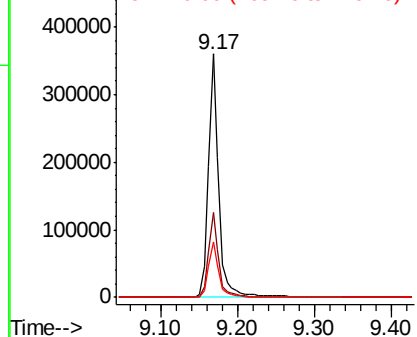
#45
2-Fluorobiphenyl
Concen: 79.460 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Instrument :
BNA_F
ClientSampleId :
RT-3465

Tot Ion:172 Resp: 336442
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.6 18.9 28.3

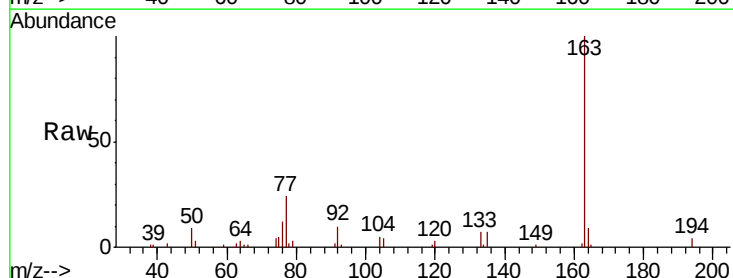


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

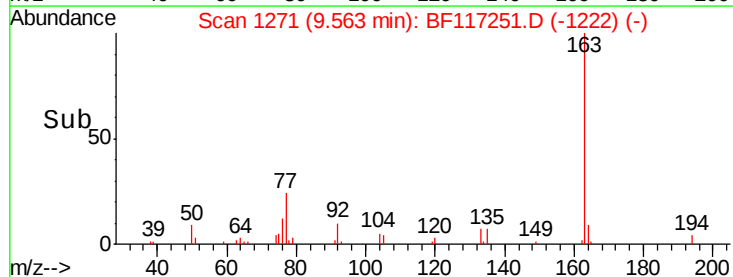
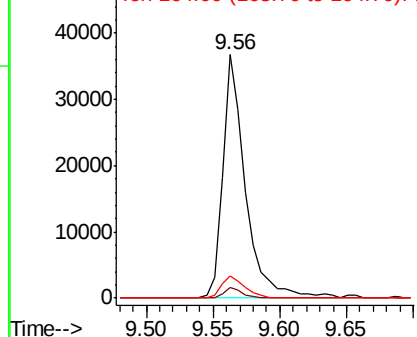


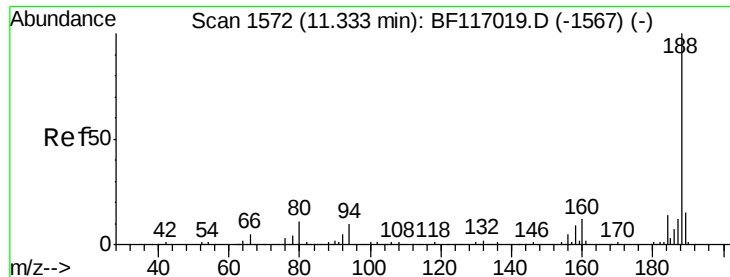
#50
Dimethylphthalate
Concen: 9.315 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Tgt Ion:163 Resp: 43664
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 9.2 8.2 12.4



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

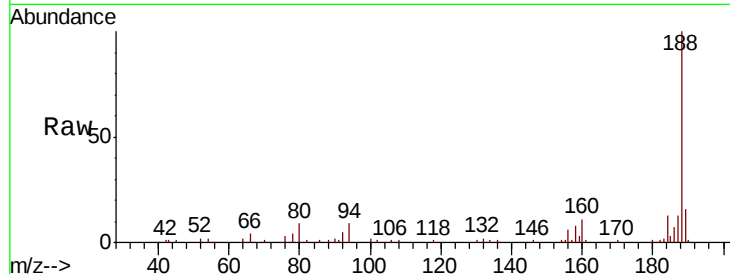




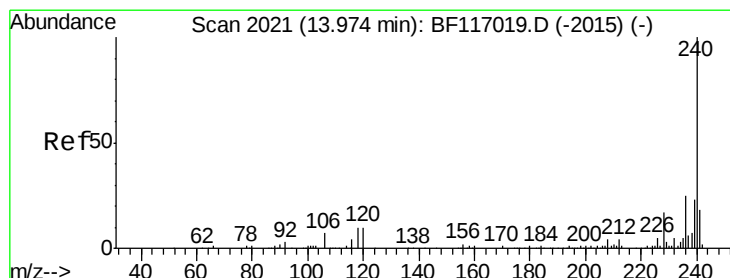
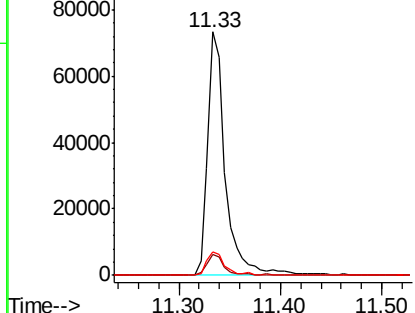
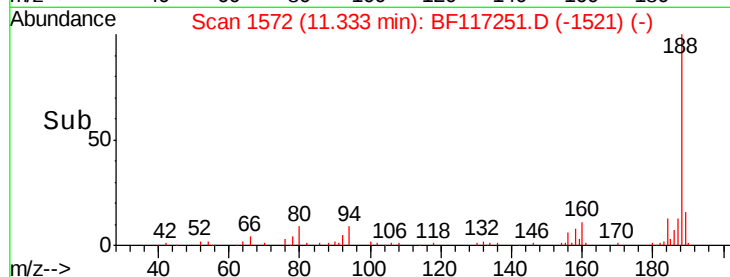
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Instrument :
BNA_F
ClientSampled :
RT-3465

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.4	9.0	13.6

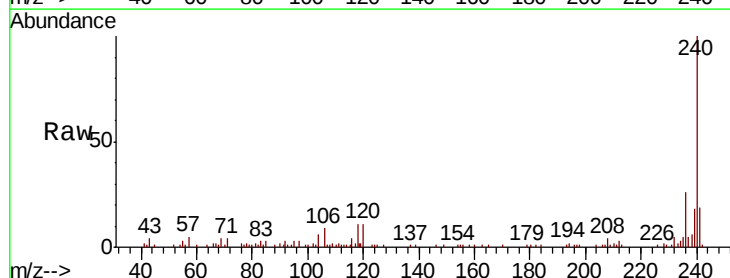


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

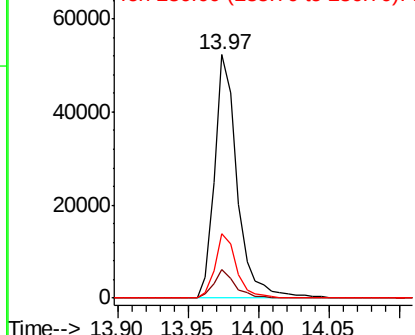
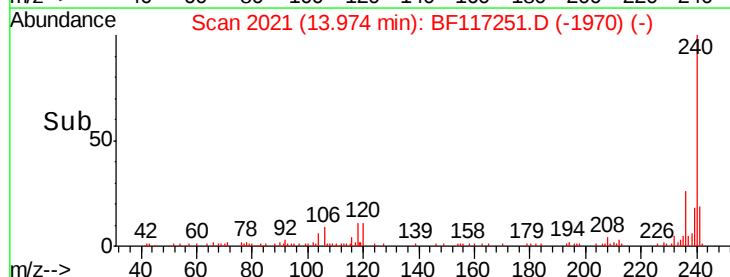


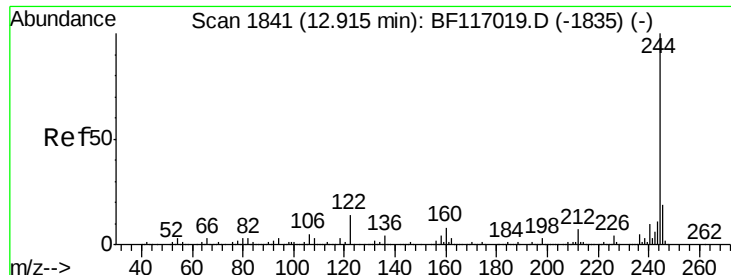
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117251.D
Acq: 25 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.2	20.3	30.5



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

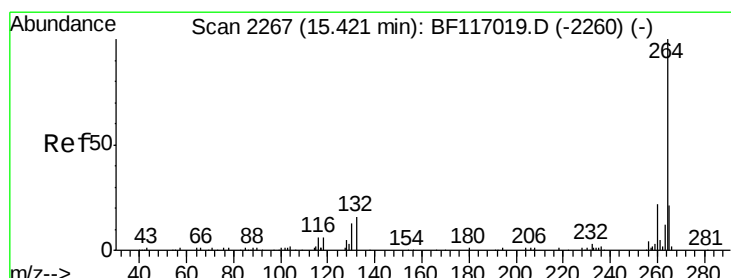
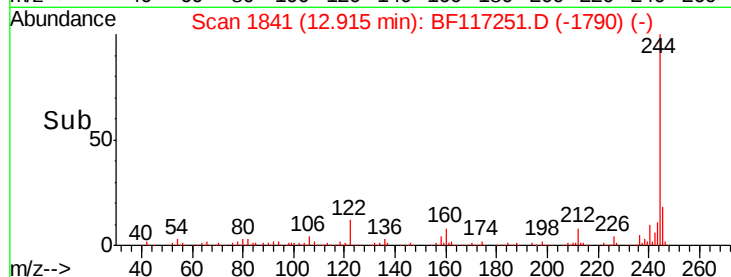
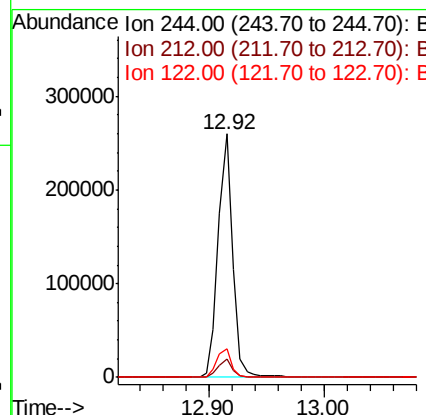
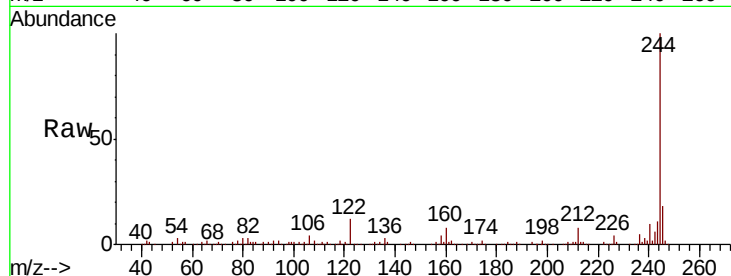




#79
 Terphenyl-d14
 Concen: 72.985 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117251.D
 Acq: 25 Sep 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :
 RT-3465

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.7	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117251.D
 Acq: 25 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.6	26.4
265	21.6	16.6	24.8

