

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
 Data File : BF117363.D
 Acq On : 10 Oct 2019 16:42
 Operator : JU
 Sample : K5297-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Oct 11 06:33:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

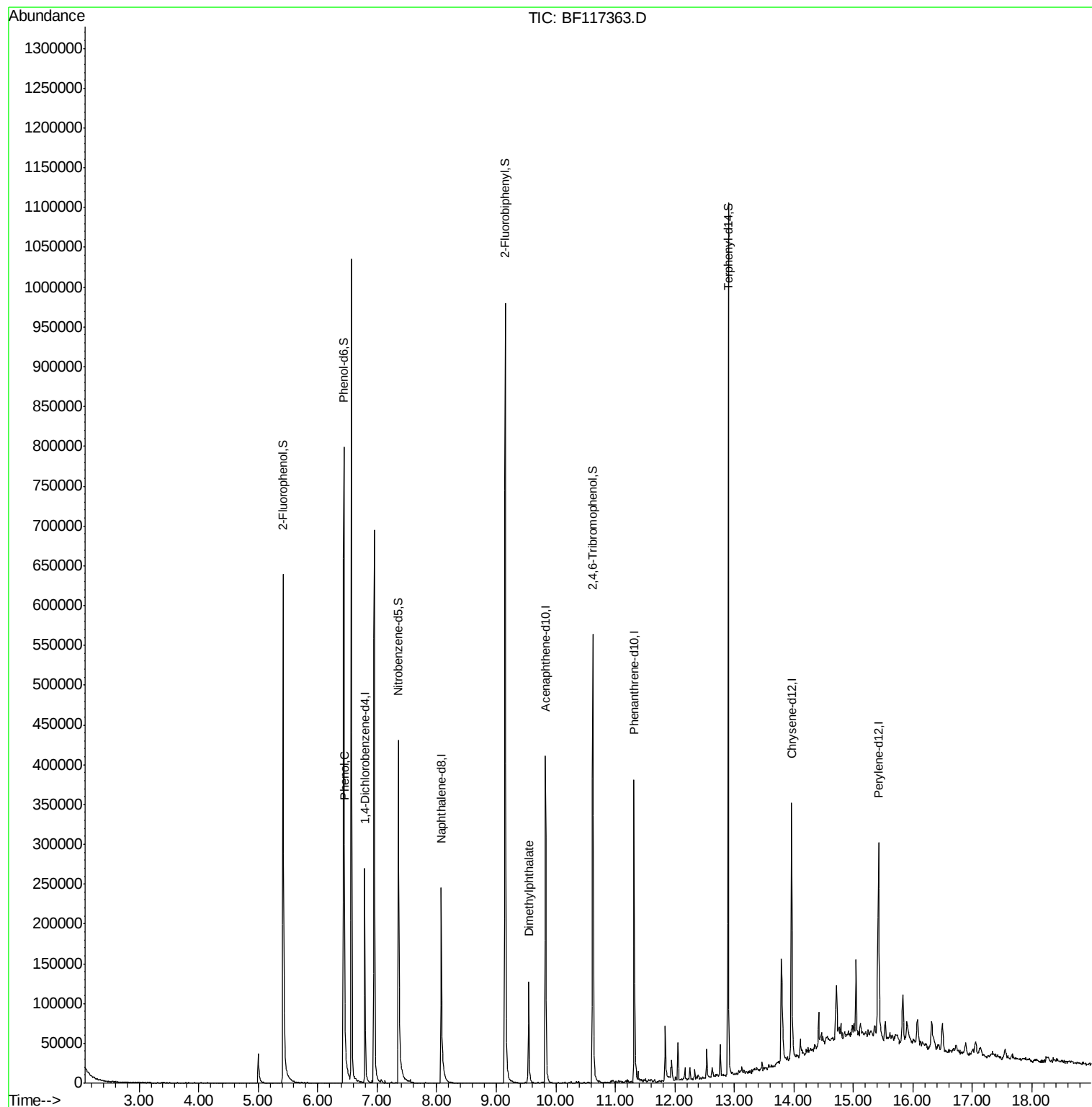
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43636	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	181068	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	94442	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	159610	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	108258	20.00	ng	-0.01
87) Perylene-d12	15.42	264	101538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	247424	88.53	ng	0.00
7) Phenol-d6	6.44	99	334545	92.62	ng	-0.01
23) Nitrobenzene-d5	7.36	82	199876	58.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	69225	87.70	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	349627	57.88	ng	-0.01
79) Terphenyl-d14	12.90	244	344216	59.43	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	10078	2.531	ng	Qvalue # 77
50) Dimethylphthalate	9.55	163	60540	9.053	ng	99

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

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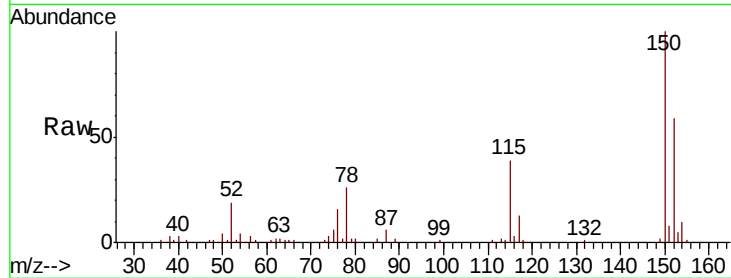


#1

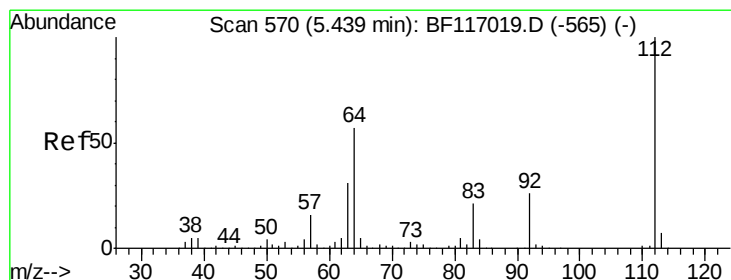
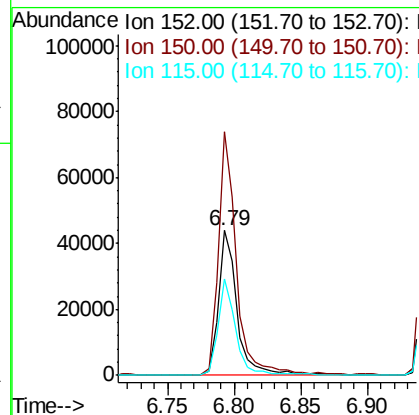
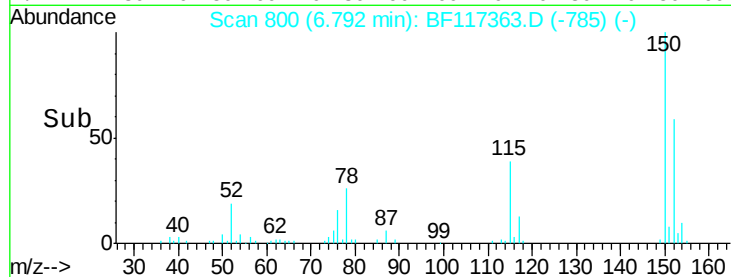
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion:152 Resp: 43636
Ion Ratio Lower Upper
152 100
150 168.2 127.5 191.3
115 66.2 55.0 82.4



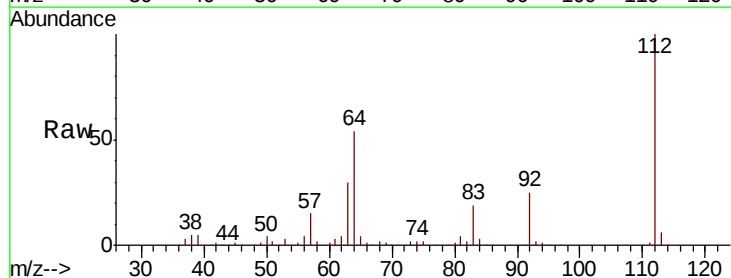
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



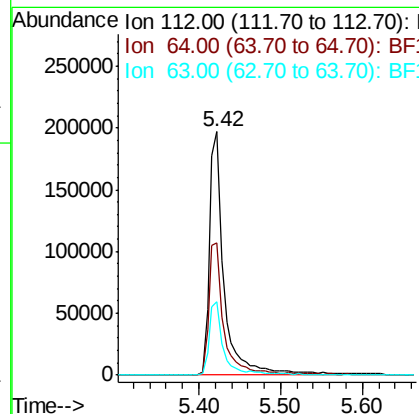
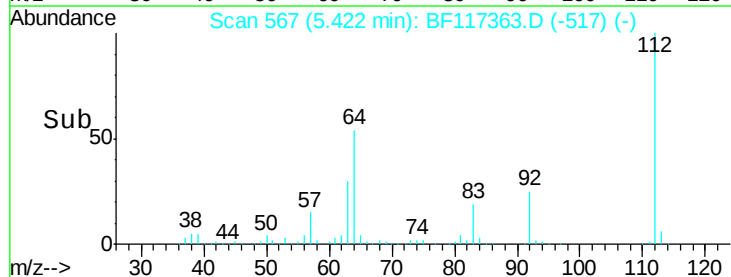
#5

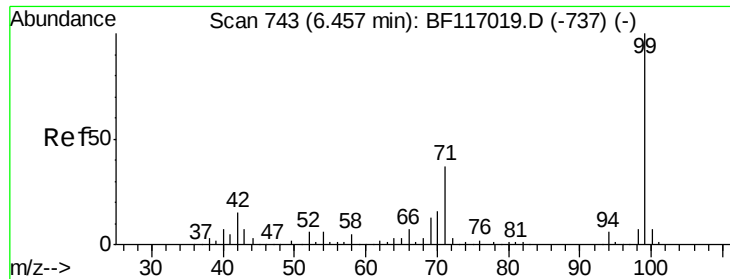
2-Fluorophenol
Concen: 88.526 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Tgt Ion:112 Resp: 247424
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 29.9 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: 92.619 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampleId :

TP-6

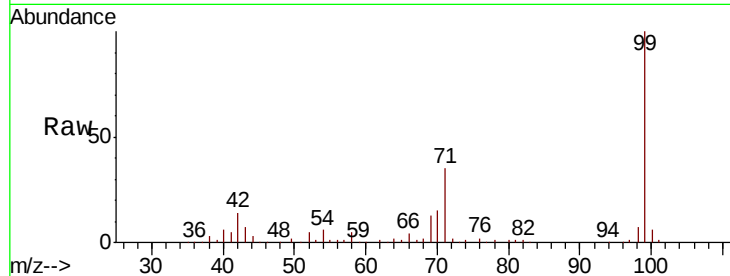
Tot Ion: 99 Resp: 334545

Ion Ratio Lower Upper

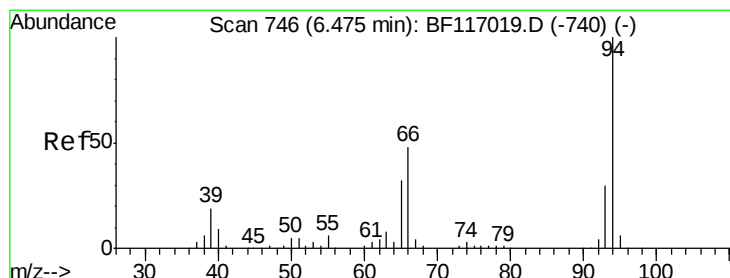
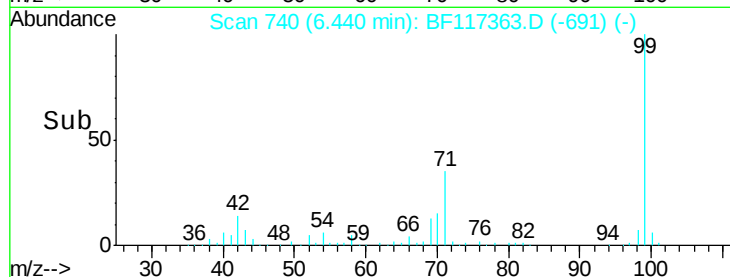
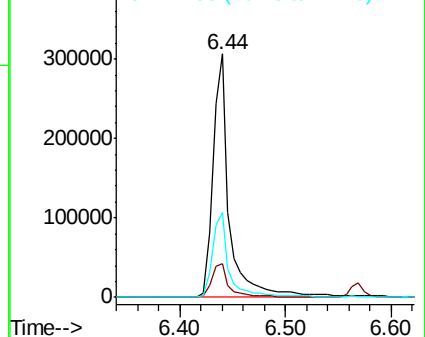
99 100

42 13.8 12.2 18.2

71 34.9 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: 2.531 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

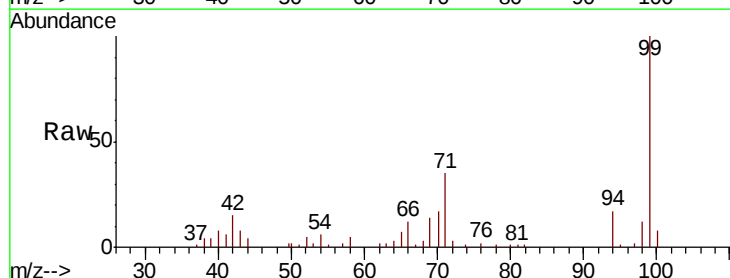
Tgt Ion: 94 Resp: 10078

Ion Ratio Lower Upper

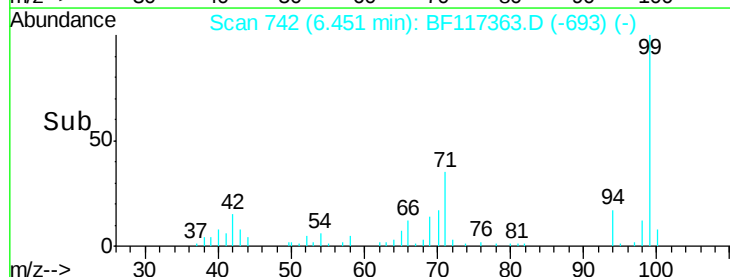
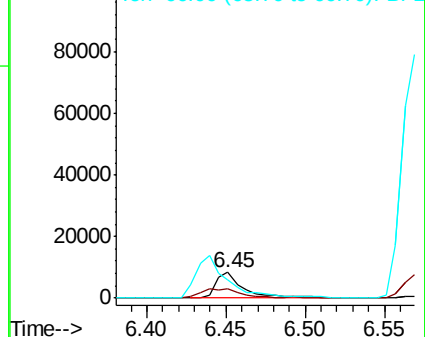
94 100

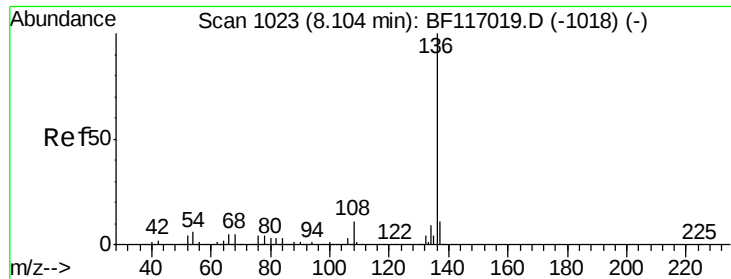
65 38.6 12.5 52.5

66 70.3 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

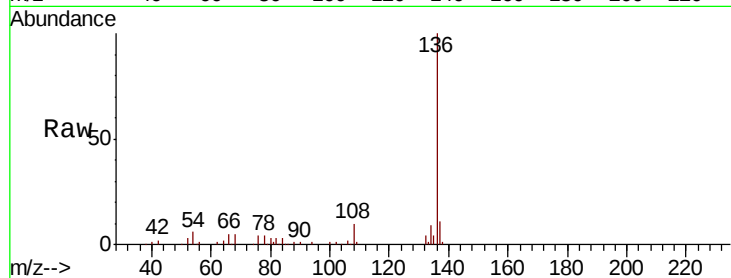




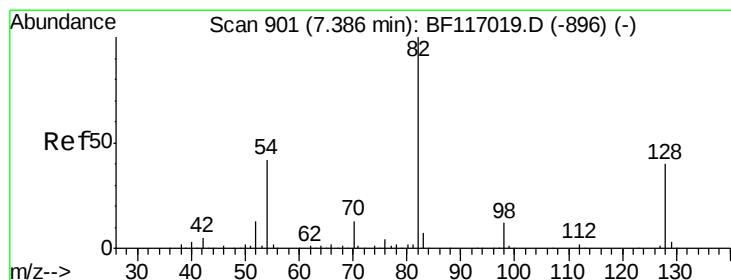
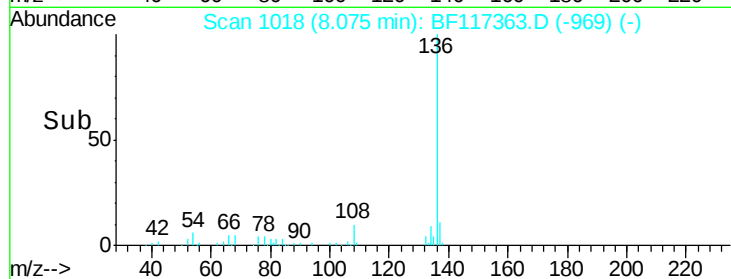
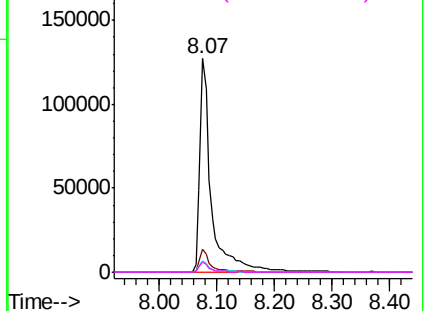
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:136	Resp:	181068
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	5.6	4.5 6.7
68	4.6	4.0 6.0

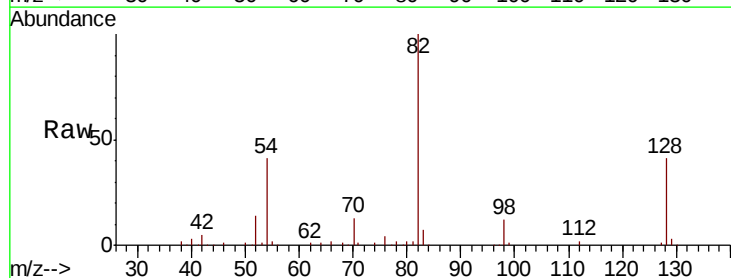


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

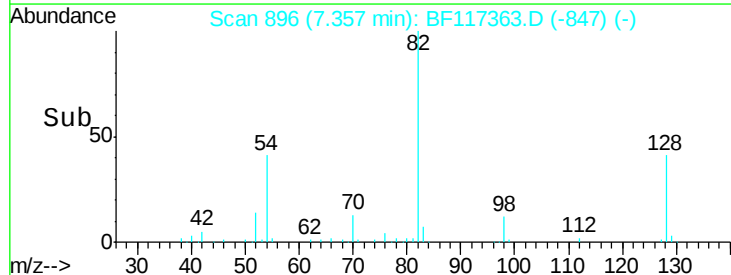
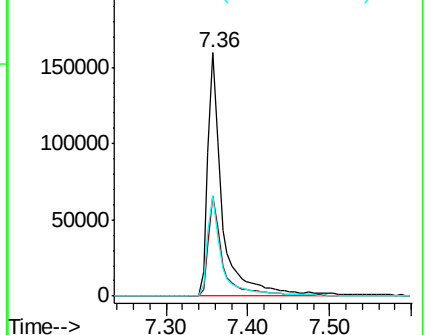


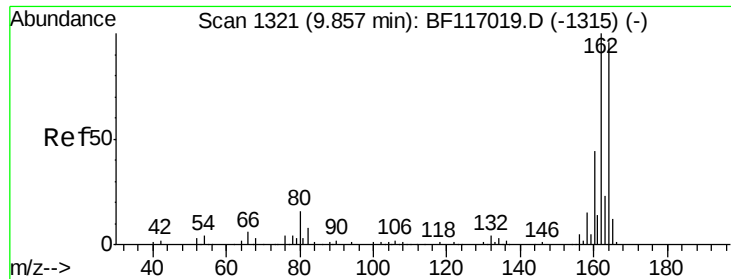
#23
Nitrobenzene-d5
Concen: 58.000 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Tgt Ion: 82	Resp:	199876
Ion Ratio	Lower	Upper
82	100	
128	41.2	32.3 48.5
54	41.0	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

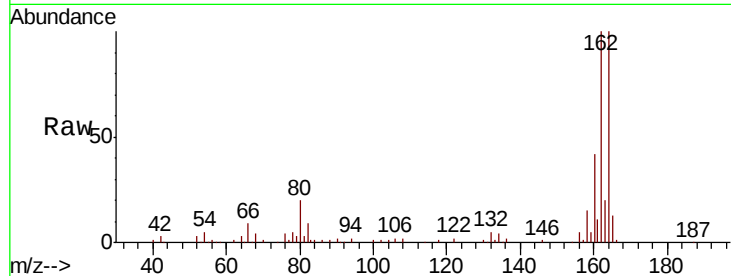




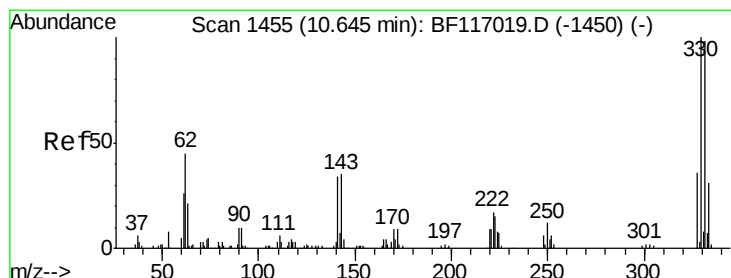
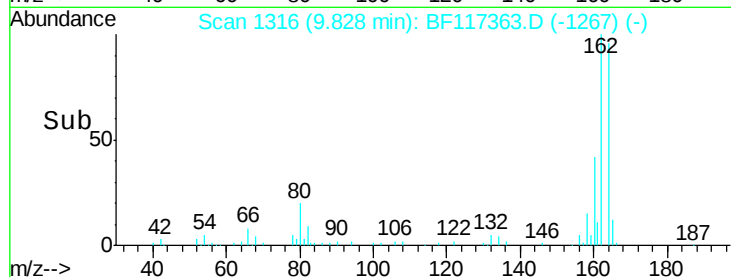
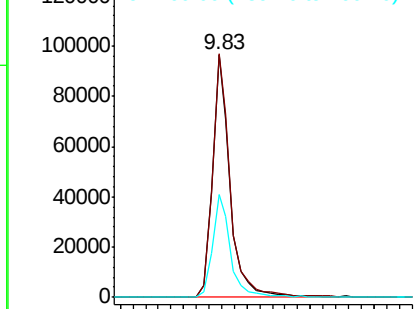
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:164 Resp: 94442
Ion Ratio Lower Upper
164 100
162 100.4 83.4 125.2
160 42.2 36.4 54.6

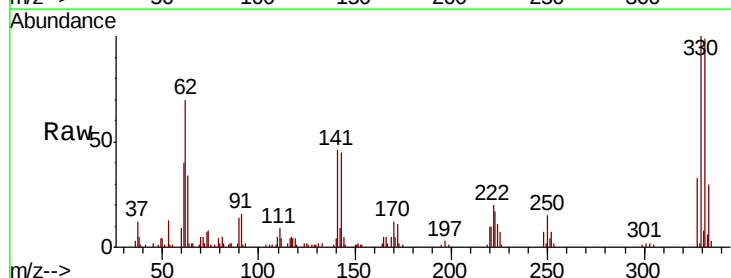


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

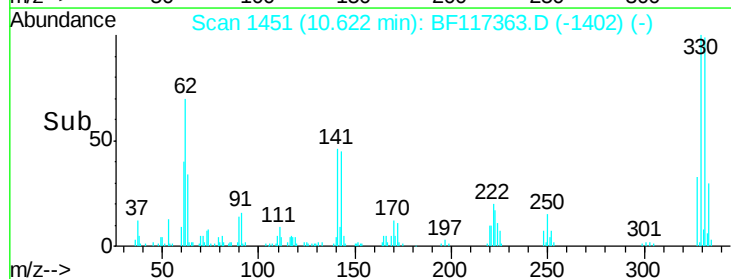
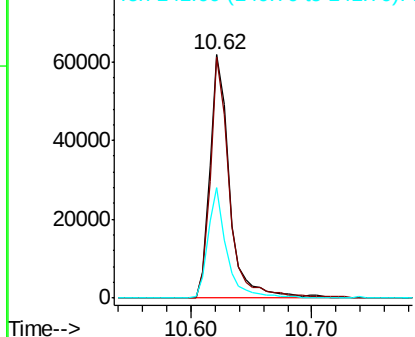


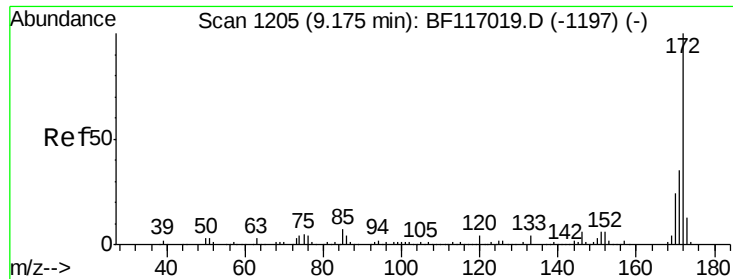
#42
2,4,6-Tribromophenol
Concen: 87.702 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Tgt Ion:330 Resp: 69225
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 43.1 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

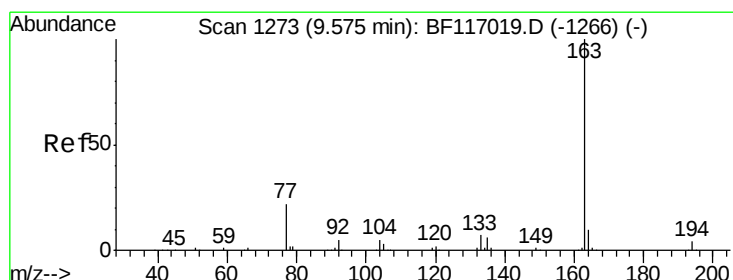
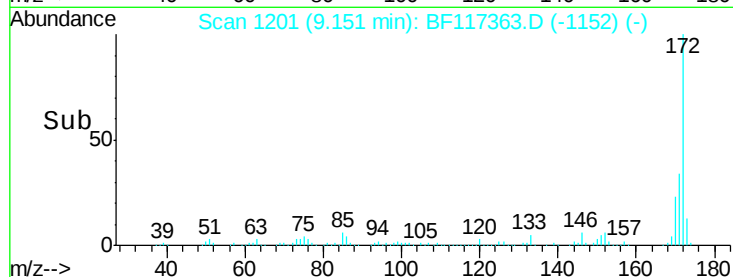
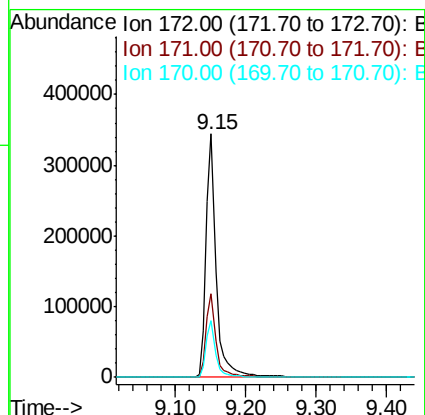
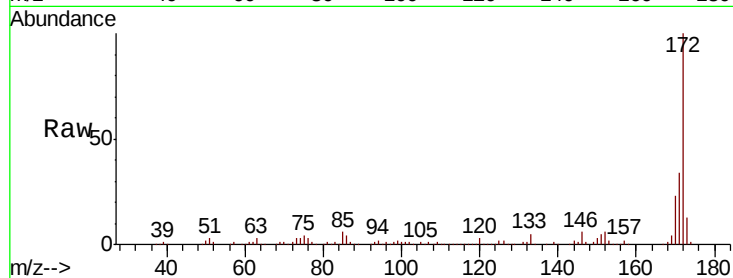




#45
2-Fluorobiphenyl
Concen: 57.884 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

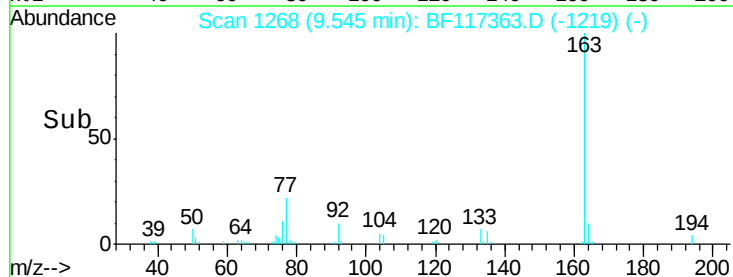
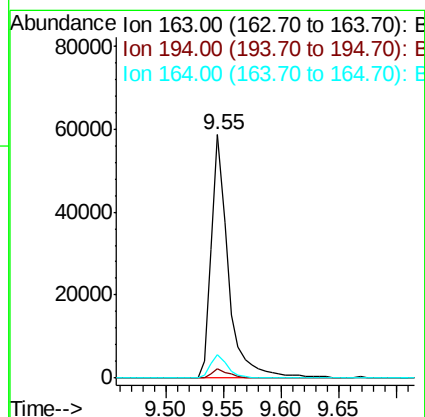
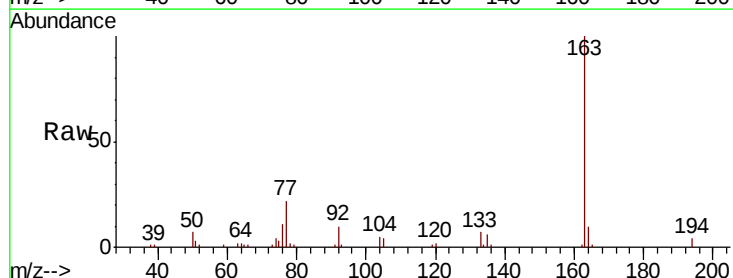
Instrument :
BNA_F
ClientSampleId :
TP-6

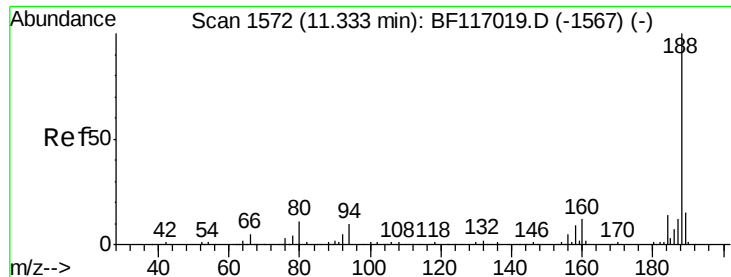
Tot Ion:172 Resp: 349627
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.1 18.9 28.3



#50
Dimethylphthalate
Concen: 9.053 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Tgt Ion:163 Resp: 60540
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.8 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampleId :

TP-6

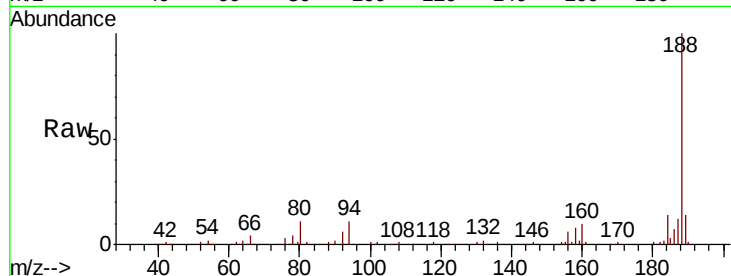
Tot Ion:188 Resp: 159610

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

80 11.1 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

11.32

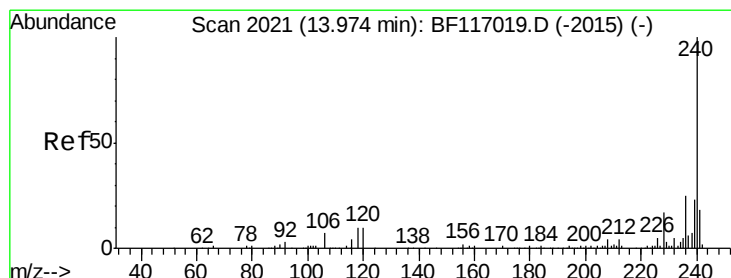
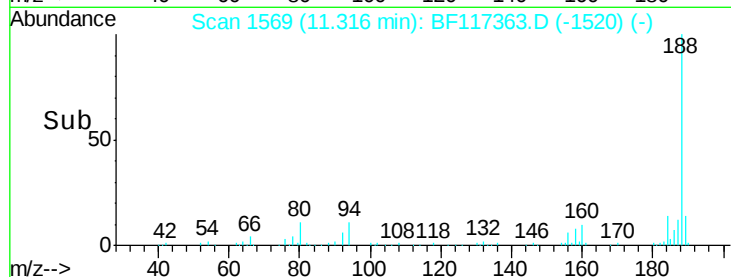
150000

100000

50000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

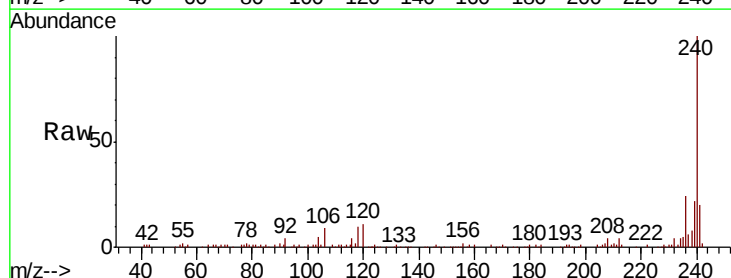
Tgt Ion:240 Resp: 108258

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

236 23.9 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

13.96

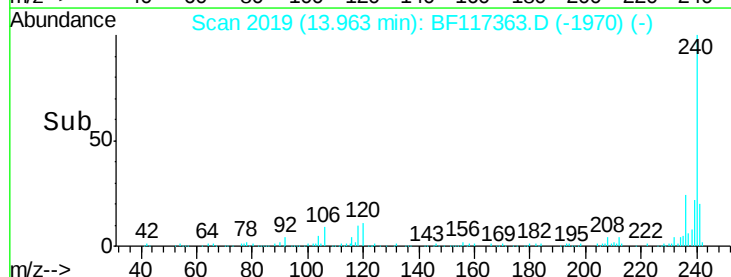
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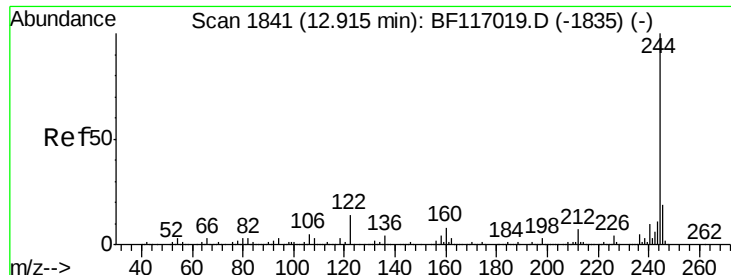
100000

50000

0

Time-->





#79

Terphenyl-d14

Concen: 59.434 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampled :

TP-6

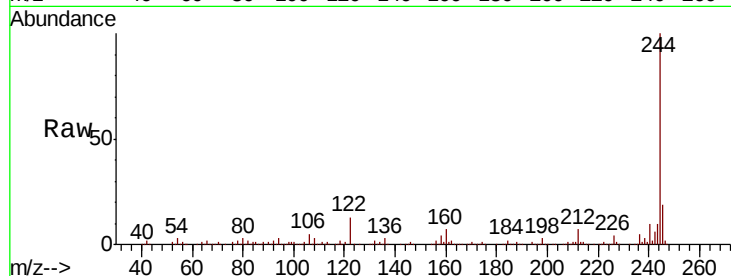
Tot Ion:244 Resp: 344216

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

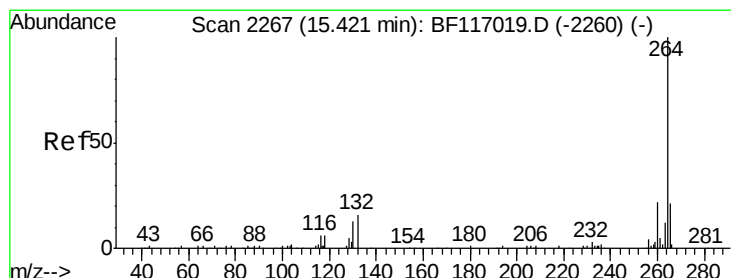
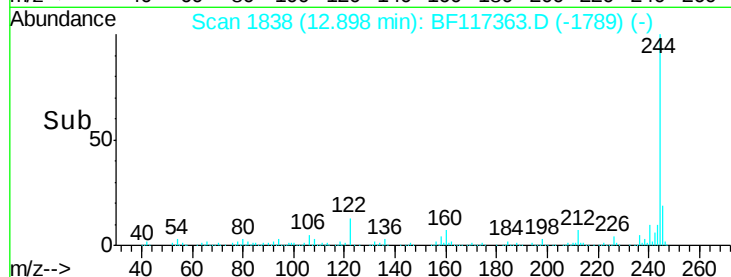
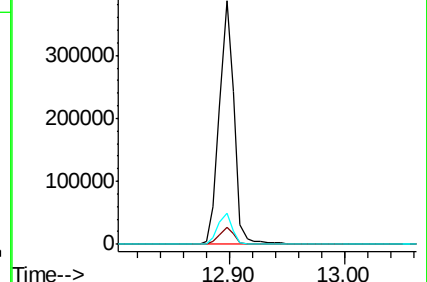
122 12.6 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

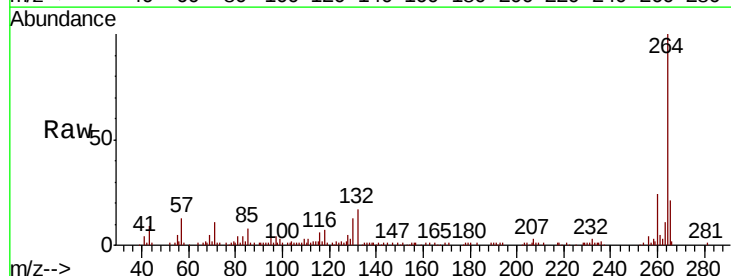
Tgt Ion:264 Resp: 101538

Ion Ratio Lower Upper

264 100

260 23.8 17.6 26.4

265 20.8 16.6 24.8



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

