

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117242.D
 Acq On : 25 Sep 2019 16:11
 Operator : JU
 Sample : PB123227BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BL

Quant Time: Sep 26 03:33:50 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	41563	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	162004	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	86602	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	138240	20.00	ng	0.00
76) Chrysene-d12	13.98	240	80677	20.00	ng	0.00
87) Perylene-d12	15.43	264	72722	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	344652	129.46	ng	0.01
7) Phenol-d6	6.46	99	468561	136.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	298496	96.81	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	94568	130.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	560150	101.13	ng	0.00
79) Terphenyl-d14	12.92	244	512555	118.75	ng	0.00

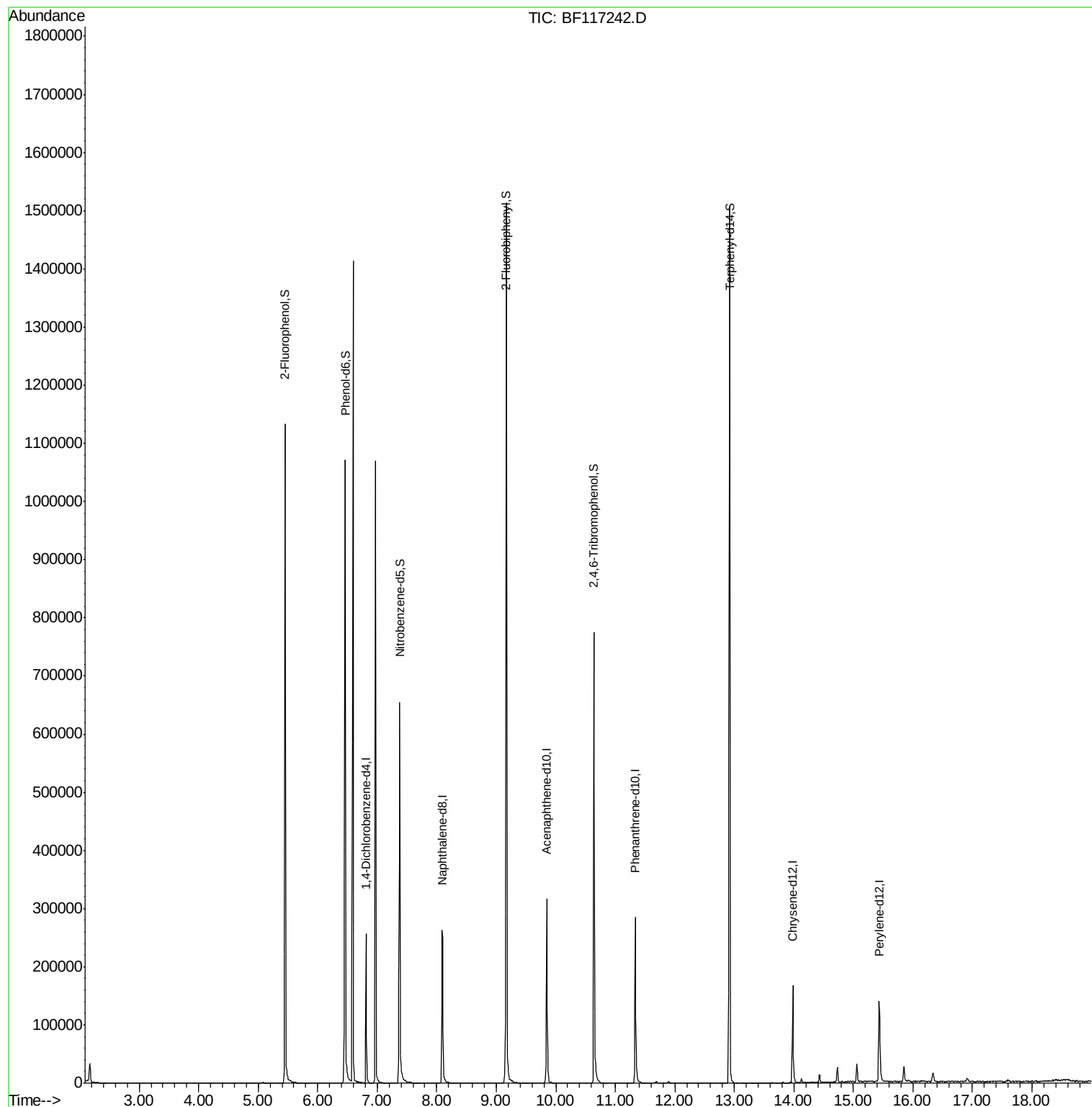
Target Compounds Qvalue

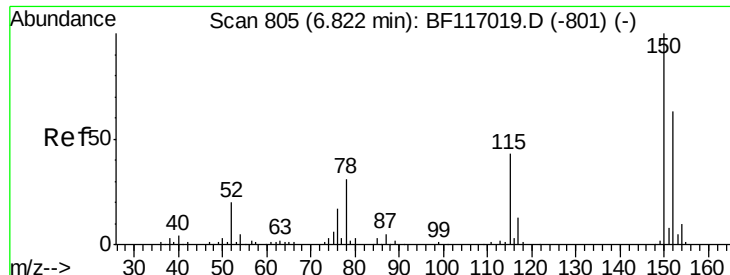
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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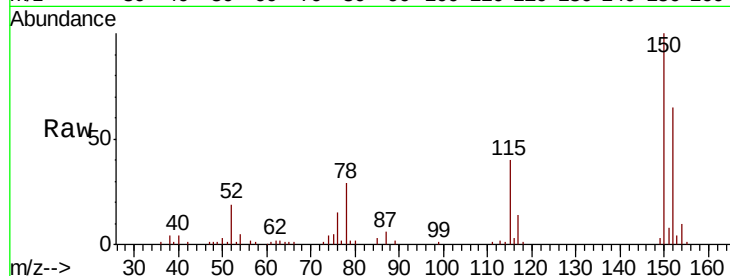


#1

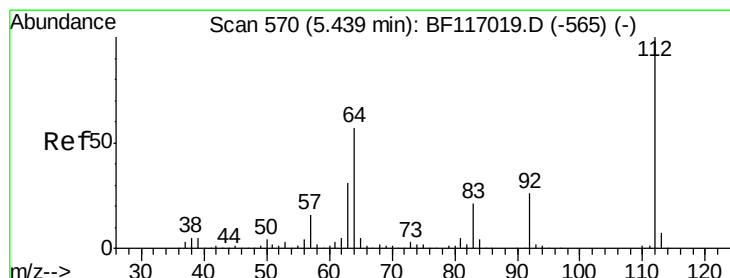
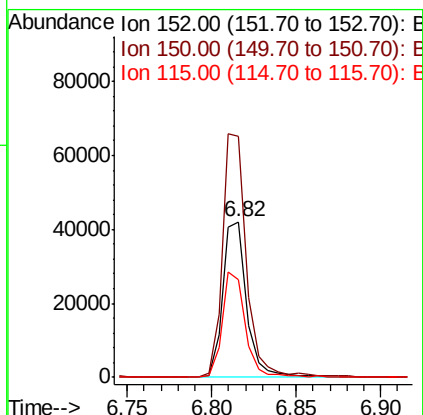
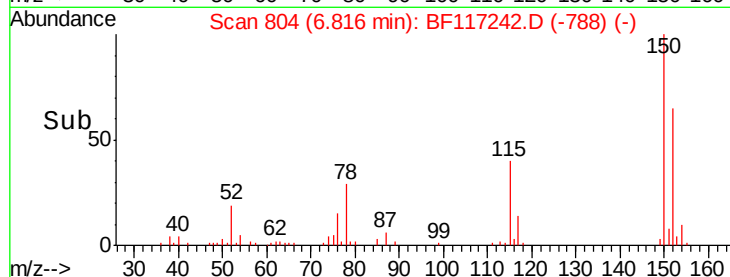
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117242.D
Acq: 25 Sep 2019 16:11

Instrument :
BNA_F
ClientSampleId :
PB123227BL

Tot Ion:152 Resp: 41563
Ion Ratio Lower Upper
152 100
150 155.0 127.5 191.3
115 62.4 55.0 82.4



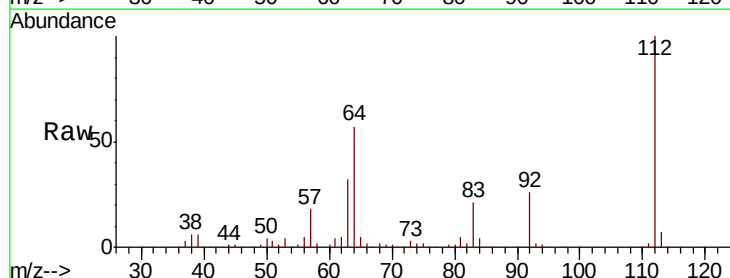
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



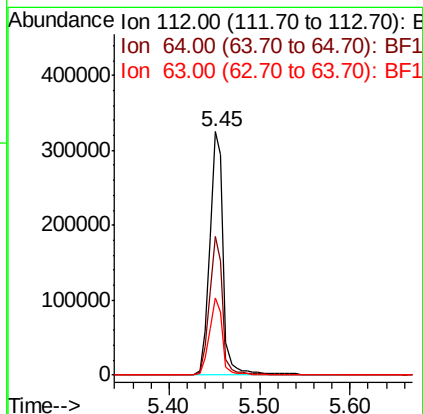
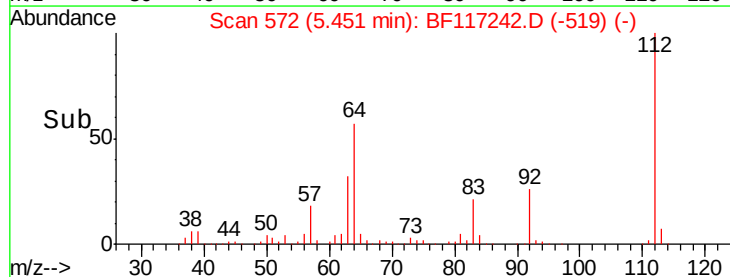
#5

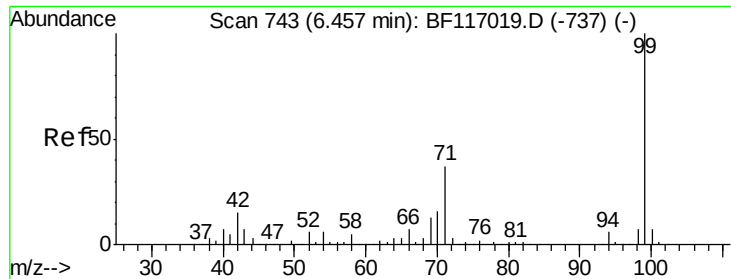
2-Fluorophenol
Concen: 129.463 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117242.D
Acq: 25 Sep 2019 16:11

Tgt Ion:112 Resp: 344652
Ion Ratio Lower Upper
112 100
64 57.1 45.7 68.5
63 31.7 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: 136.191 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117242.D

Acq: 25 Sep 2019 16:11

Instrument :

BNA_F

ClientSampleId :

PB123227BL

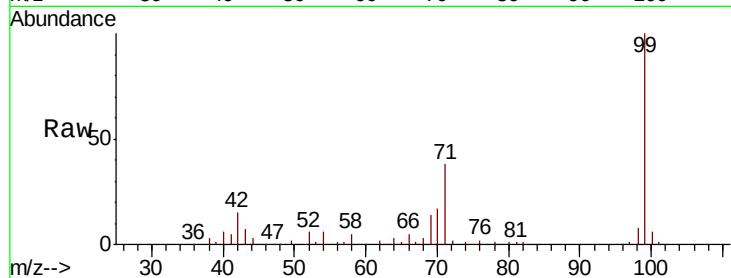
Tot Ion: 99 Resp: 468561

Ion Ratio Lower Upper

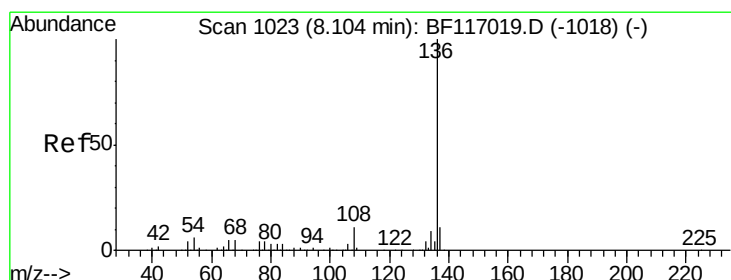
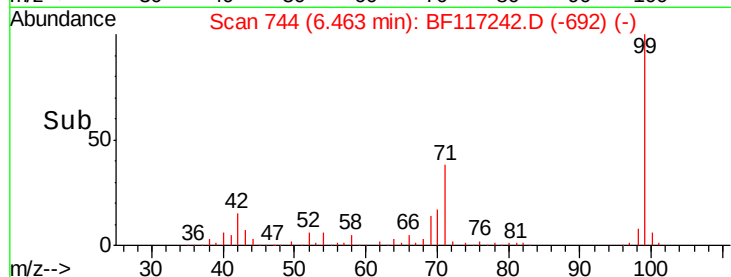
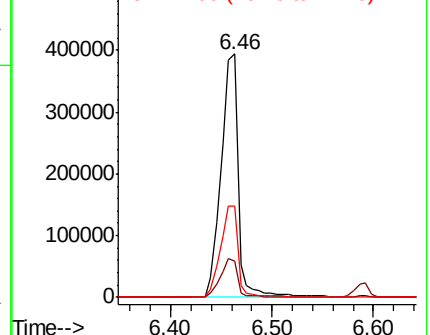
99 100

42 14.9 12.2 18.2

71 37.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117242.D

Acq: 25 Sep 2019 16:11

Tgt Ion: 136 Resp: 162004

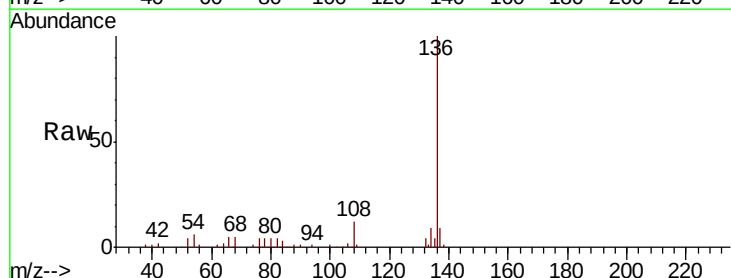
Ion Ratio Lower Upper

136 100

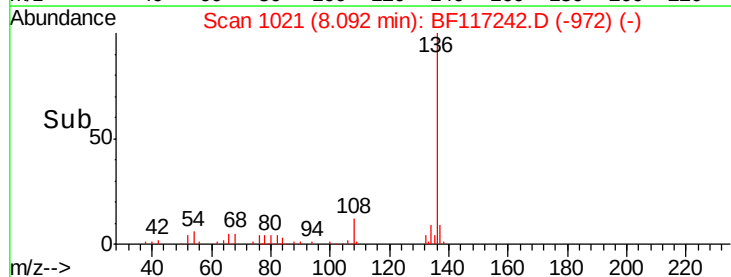
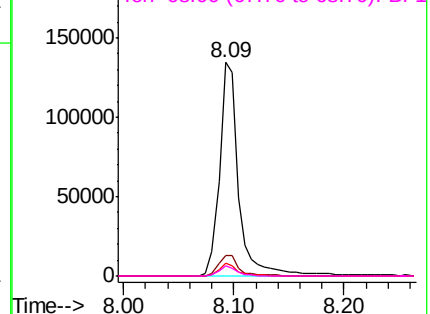
137 9.4 9.0 13.4

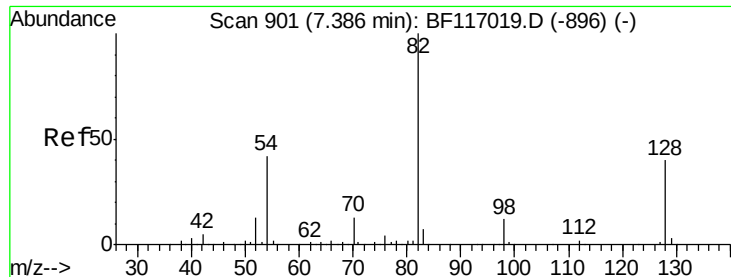
54 6.0 4.5 6.7

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

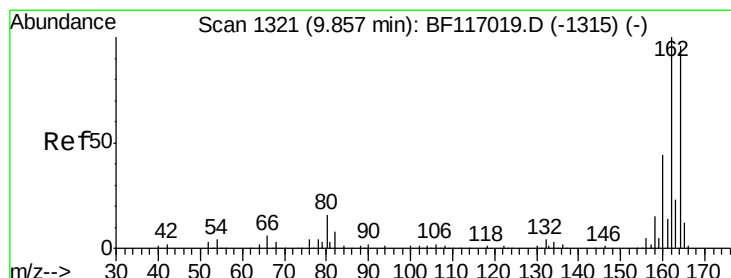
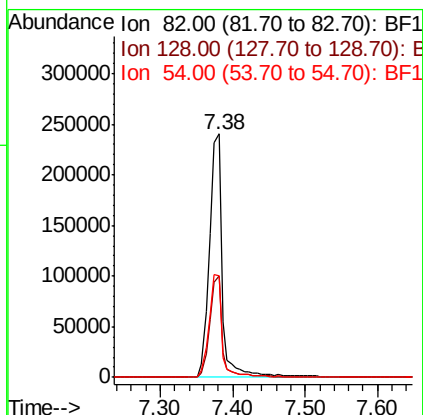
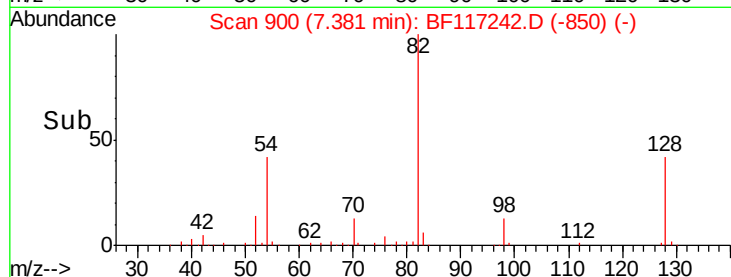
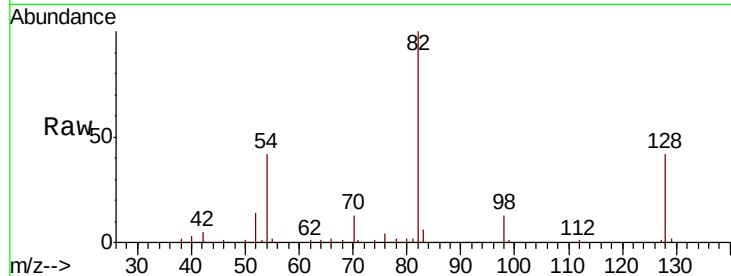




#23
 Nitrobenzene-d5
 Concen: 96.811 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117242.D
 Acq: 25 Sep 2019 16:11

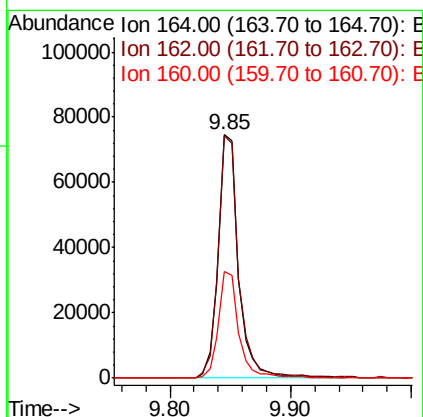
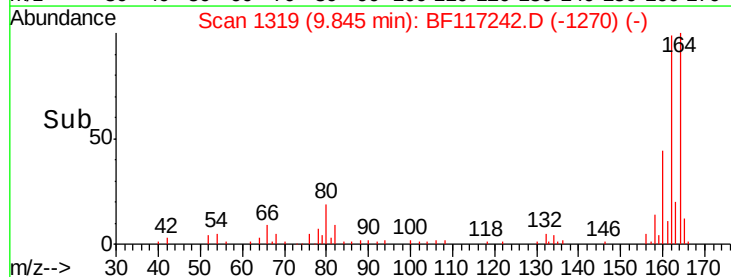
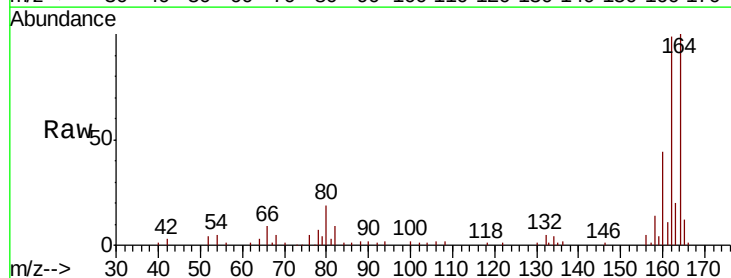
Instrument :
 BNA_F
 ClientSampleId :
 PB123227BL

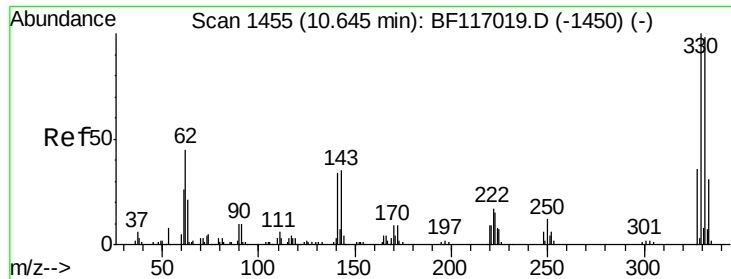
Tot Ion	82	Resp	298496
Ion Ratio	Lower	Upper	
82	100		
128	41.9	32.3	48.5
54	41.6	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117242.D
 Acq: 25 Sep 2019 16:11

Tgt Ion	164	Resp	86602
Ion Ratio	Lower	Upper	
164	100		
162	99.3	83.4	125.2
160	43.6	36.4	54.6

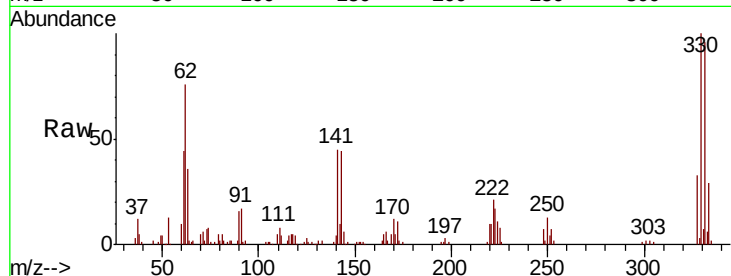




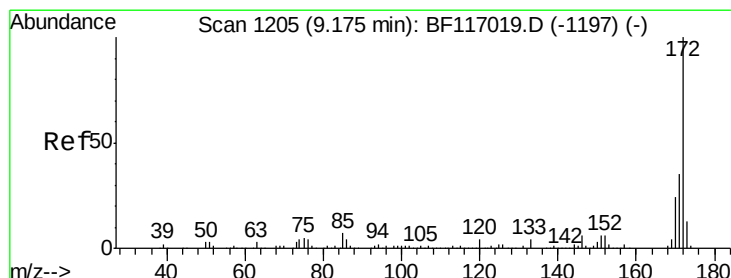
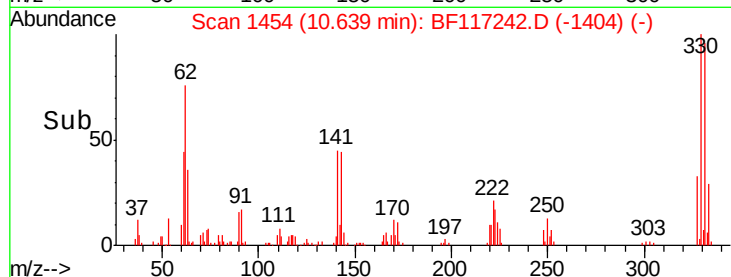
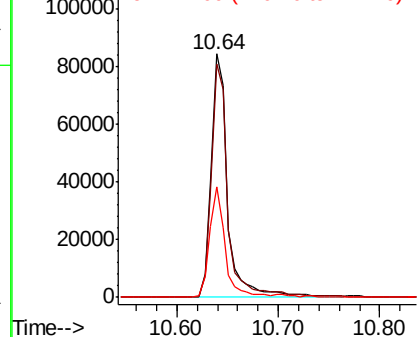
#42
 2,4,6-Tribromophenol
 Concen: 130.656 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117242.D
 Acq: 25 Sep 2019 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB123227BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	43.7	35.8	53.6

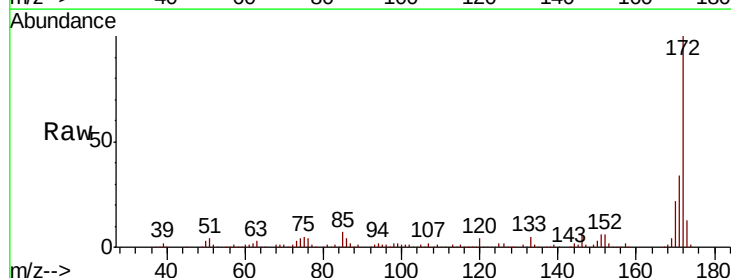


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

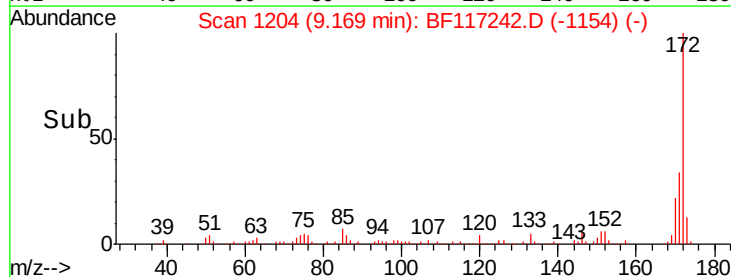
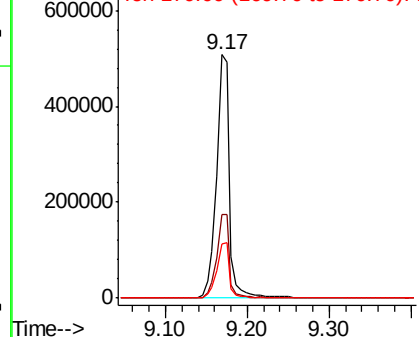


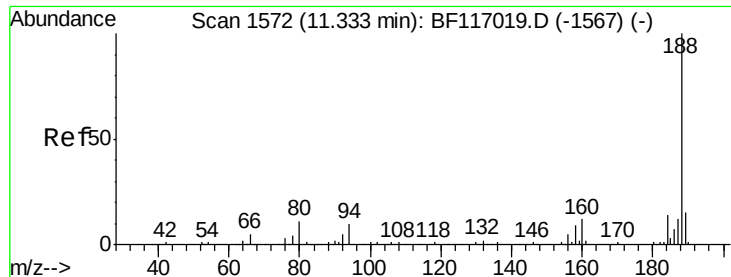
#45
 2-Fluorobiphenyl
 Concen: 101.134 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117242.D
 Acq: 25 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.2
170	22.3	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

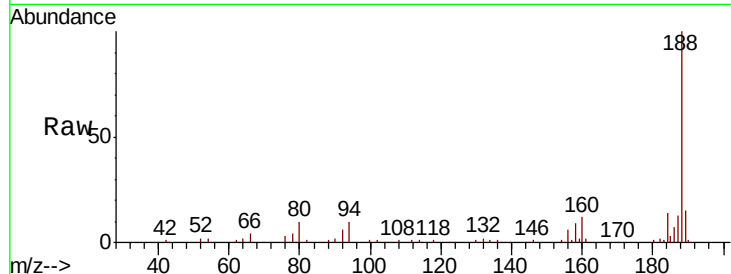




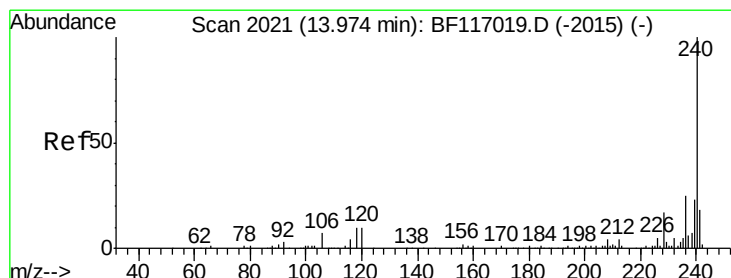
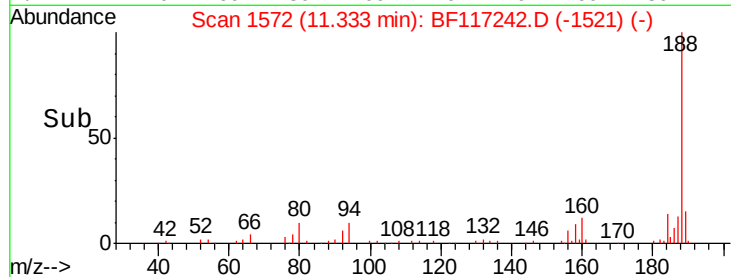
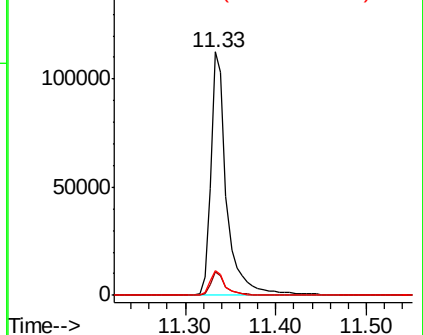
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117242.D
Acq: 25 Sep 2019 16:11

Instrument :
BNA_F
ClientSampleId :
PB123227BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.2	9.0	13.6

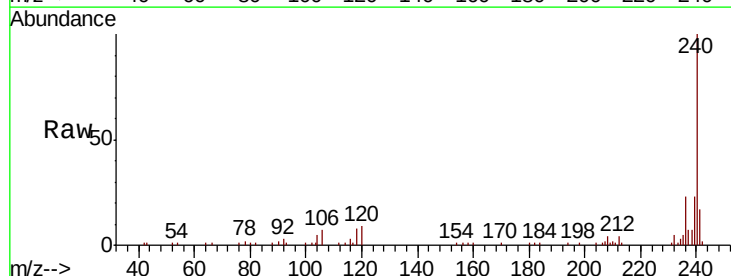


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

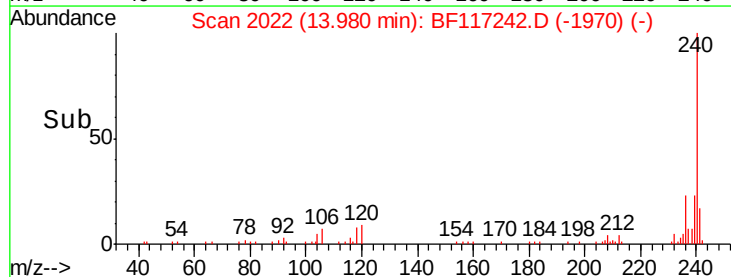
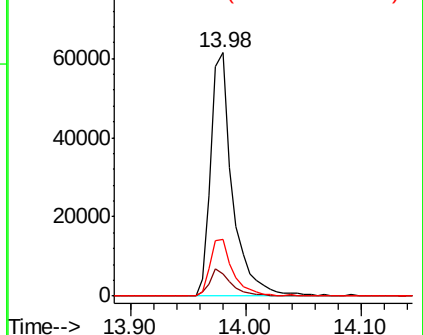


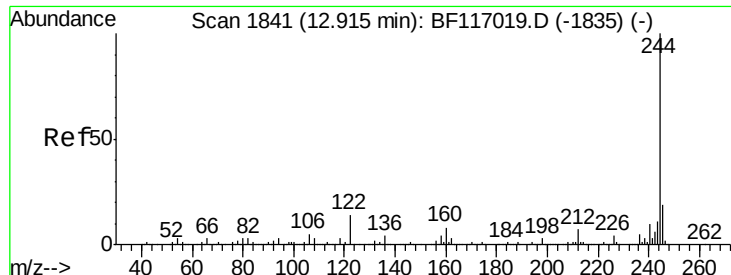
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117242.D
Acq: 25 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	23.3	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: 118.755 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF117242.D

Acq: 25 Sep 2019 16:11

Instrument :

BNA_F

ClientSampleId :

PB123227BL

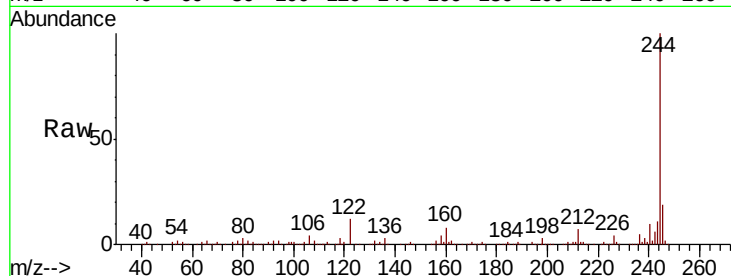
Tot Ion:244 Resp: 512555

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

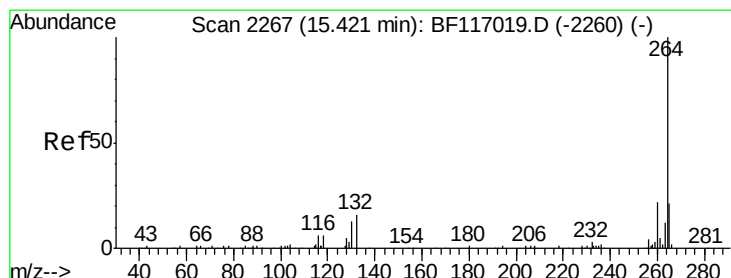
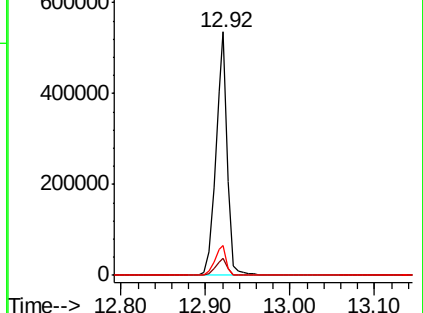
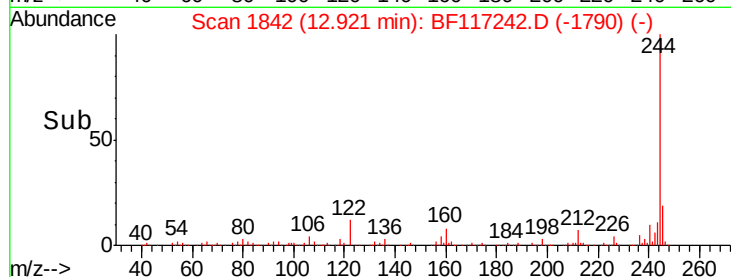
122 12.5 11.3 16.9



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117242.D

Acq: 25 Sep 2019 16:11

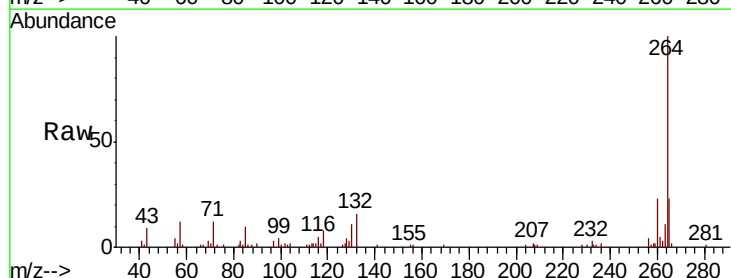
Tgt Ion:264 Resp: 72722

Ion Ratio Lower Upper

264 100

260 22.7 17.6 26.4

265 23.3 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

