

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117188.D
 Acq On : 20 Sep 2019 16:31
 Operator : HP/JU
 Sample : PB123244BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BL

Quant Time: Sep 21 00:54:57 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	46104	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	190095	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	107696	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	184549	20.00	ng	0.00
76) Chrysene-d12	13.98	240	132163	20.00	ng	0.00
87) Perylene-d12	15.43	264	107812	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	306774	103.88	ng	0.02
7) Phenol-d6	6.46	99	421134	110.35	ng	0.00
23) Nitrobenzene-d5	7.39	82	394121	108.94	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	113419	126.01	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	789452	114.62	ng	0.00
79) Terphenyl-d14	12.93	244	872371	123.38	ng	0.02

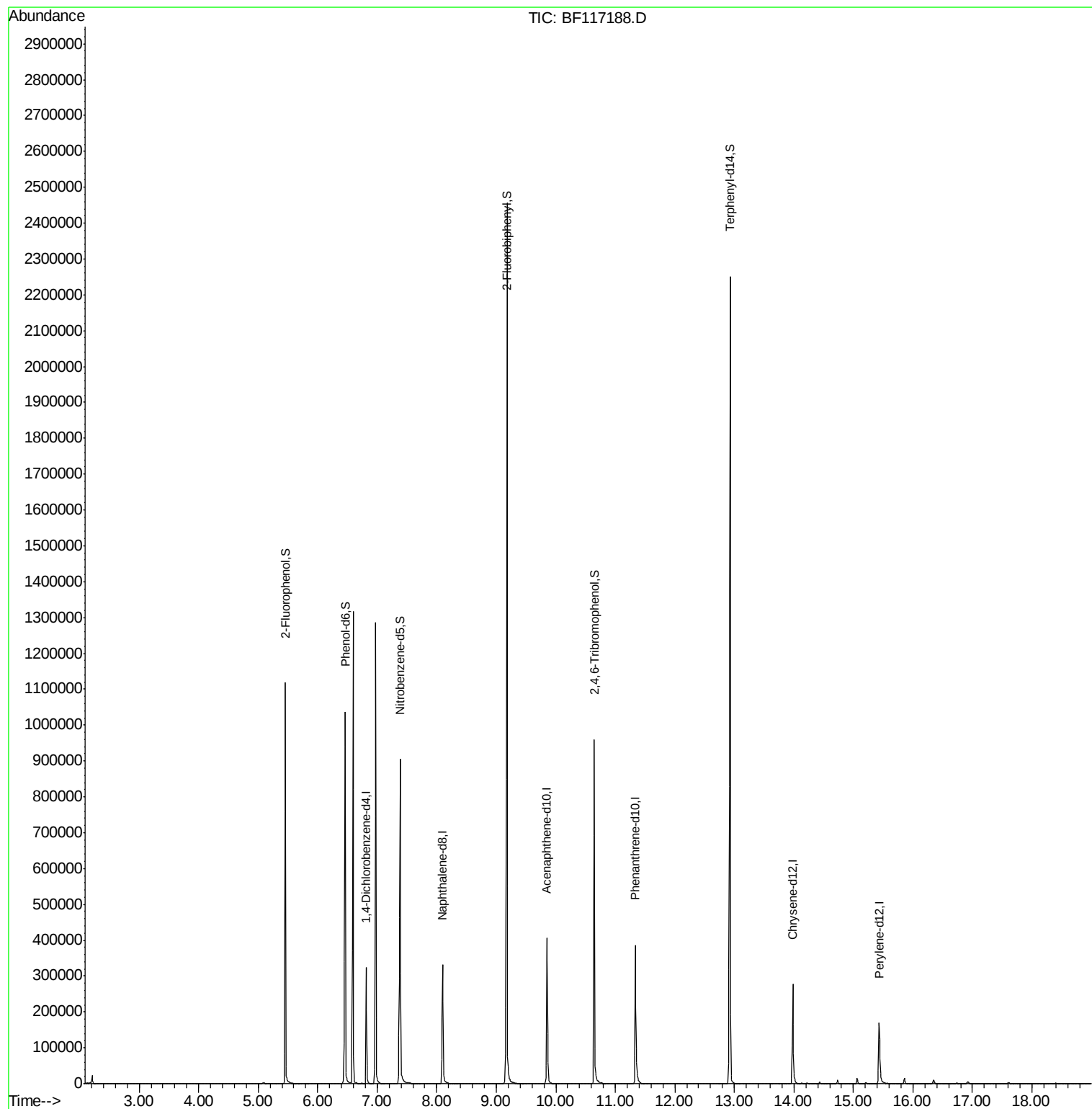
Target Compounds Qvalue

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

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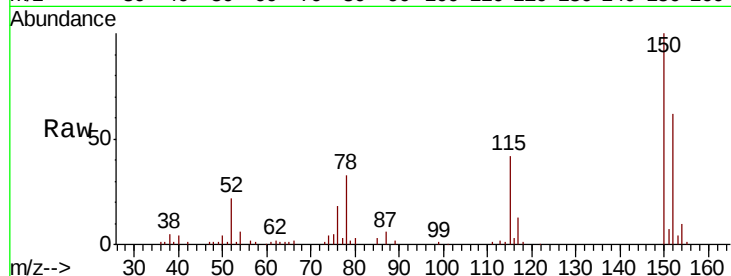


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117188.D
 Acq: 20 Sep 2019 16:31

Instrument :
 BNA_F
 ClientSampleID :
 PB123244BL

Tot Ion	152	Resp	46104
Ion Ratio	Lower	Upper	
152	100		
150	161.3	127.5	191.3
115	67.4	55.0	82.4

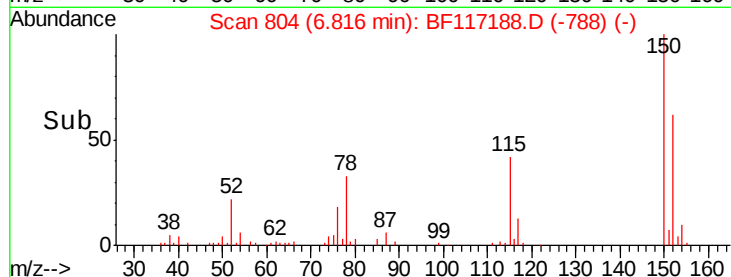
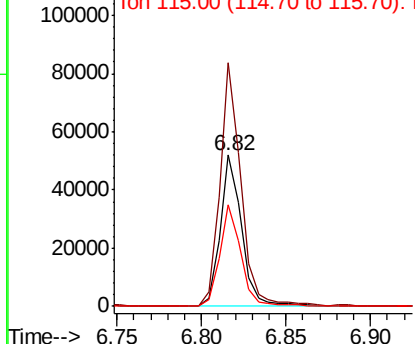


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

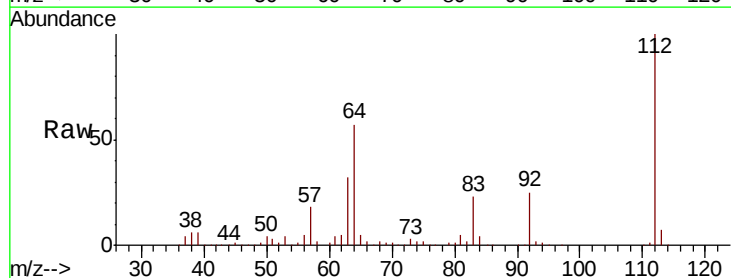
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 103.885 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117188.D
 Acq: 20 Sep 2019 16:31

Tgt Ion	112	Resp	306774
Ion Ratio	Lower	Upper	
112	100		
64	56.7	45.7	68.5
63	32.0	24.9	37.3

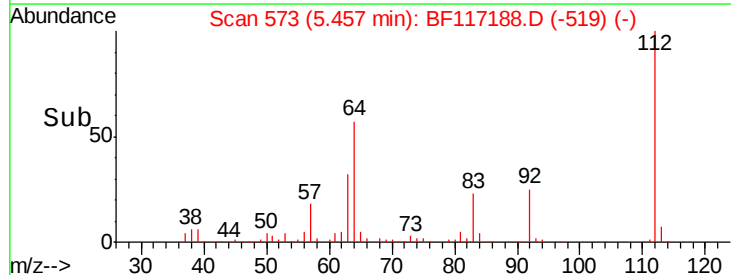
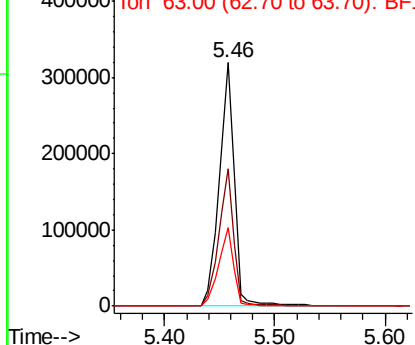


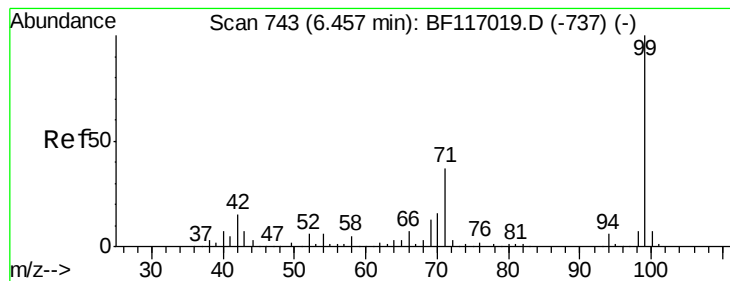
Abundance

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: 110.349 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117188.D

Acq: 20 Sep 2019 16:31

Instrument :

BNA_F

ClientSampleId :

PB123244BL

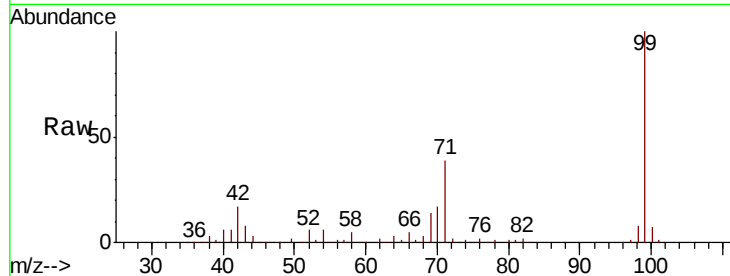
Tot Ion: 99 Resp: 421134

Ion Ratio Lower Upper

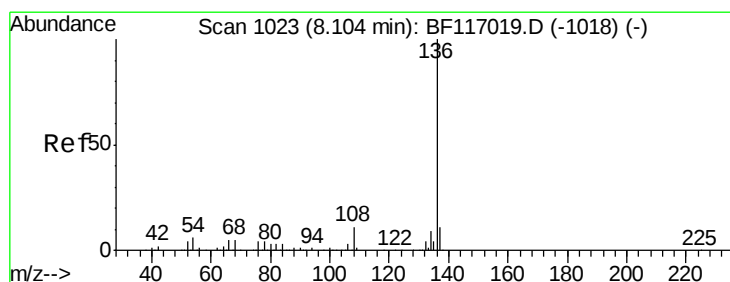
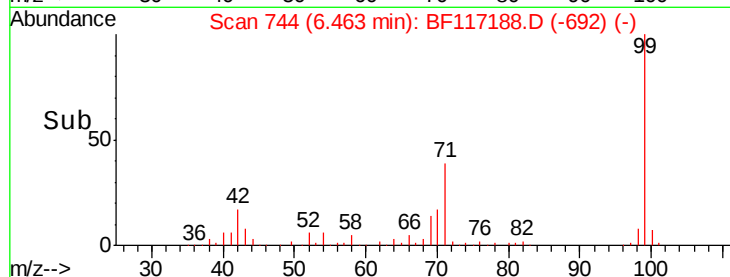
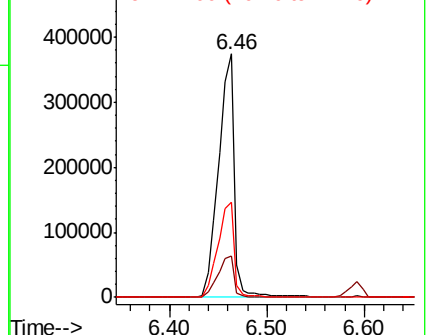
99 100

42 16.8 12.2 18.2

71 39.0 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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117188.D

Acq: 20 Sep 2019 16:31

Tgt Ion: 136 Resp: 190095

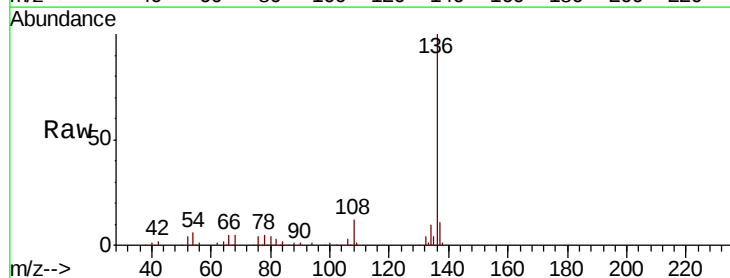
Ion Ratio Lower Upper

136 100

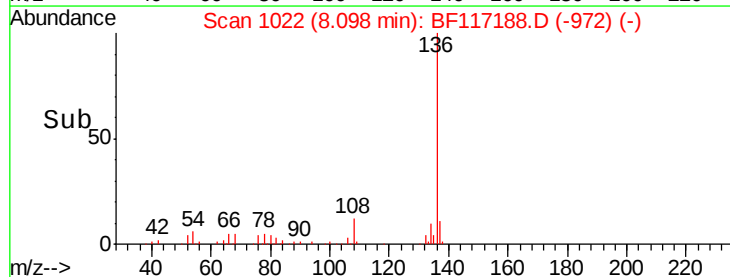
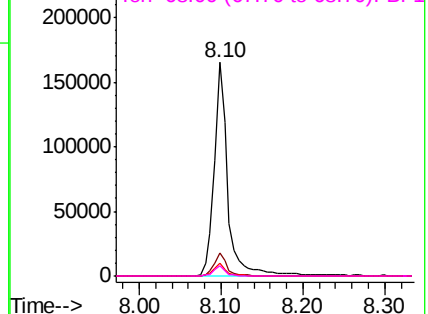
137 10.6 9.0 13.4

54 5.8 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

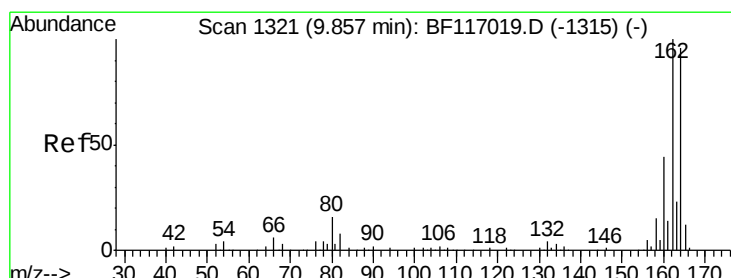
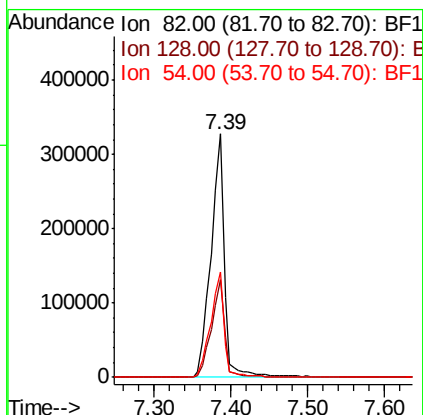
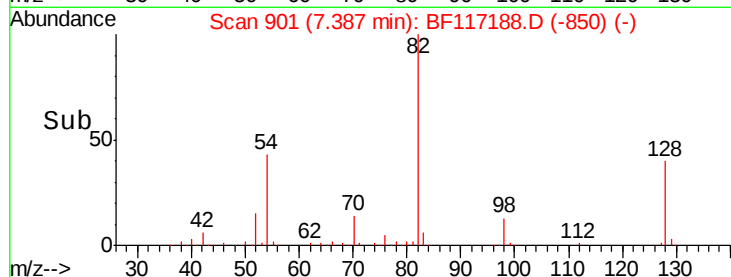
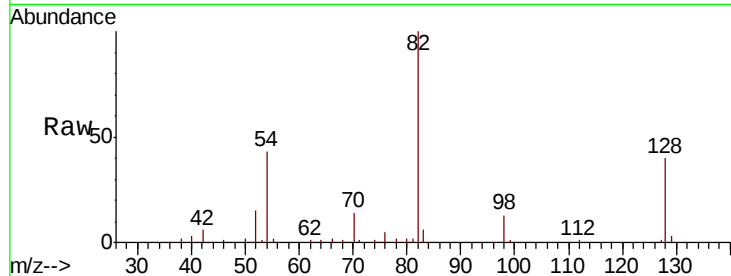




#23
 Nitrobenzene-d5
 Concen: 108.935 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117188.D
 Acq: 20 Sep 2019 16:31

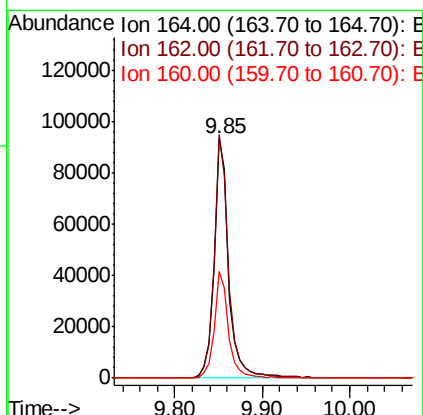
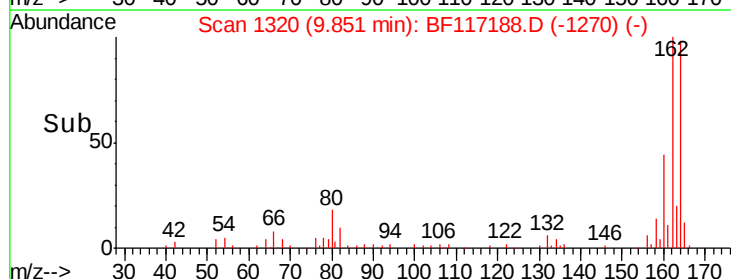
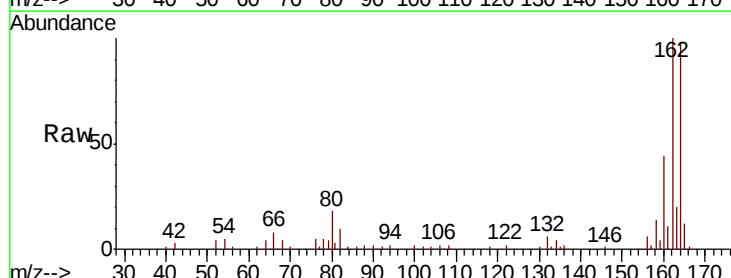
Instrument :
 BNA_F
 ClientSampleId :
 PB123244BL

Tot Ion	82	Resp	394121
Ion Ratio	100	Lower	Upper
128	39.9	32.3	48.5
54	43.1	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117188.D
 Acq: 20 Sep 2019 16:31

Tgt Ion	164	Resp	107696
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.6	83.4	125.2
160	44.3	36.4	54.6

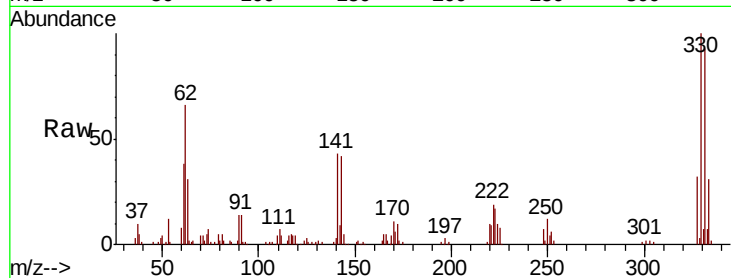




#42
 2,4,6-Tribromophenol
 Concen: 126.008 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117188.D
 Acq: 20 Sep 2019 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	78.0	117.0
141	43.7	35.8	53.6

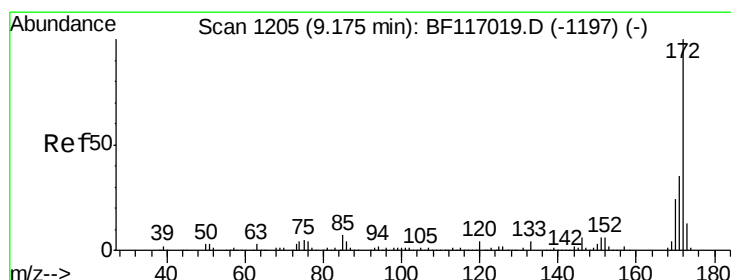
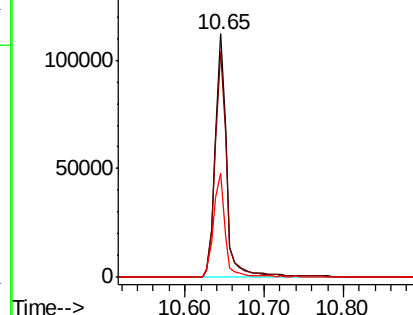
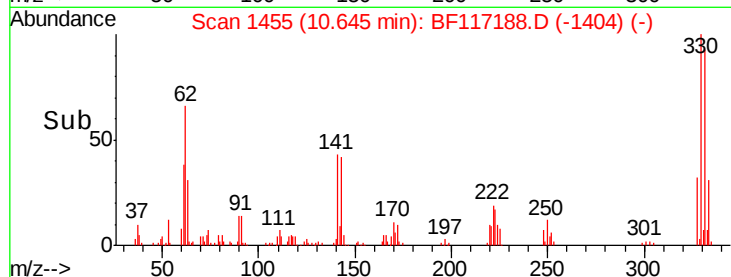


Abundance

Ion 329.80 (329.50 to 330.50): E

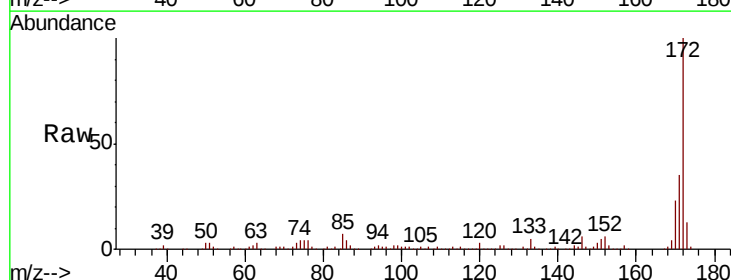
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 114.616 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117188.D
 Acq: 20 Sep 2019 16:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.5	18.9	28.3

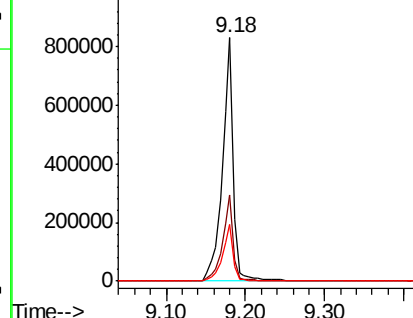
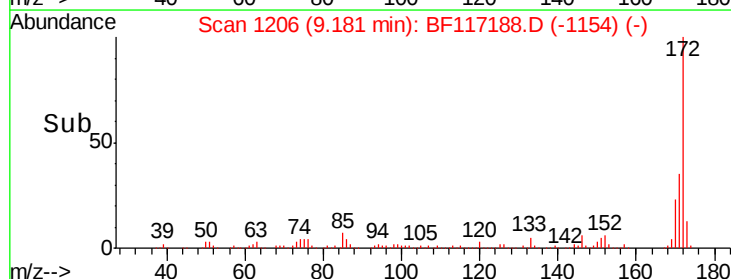


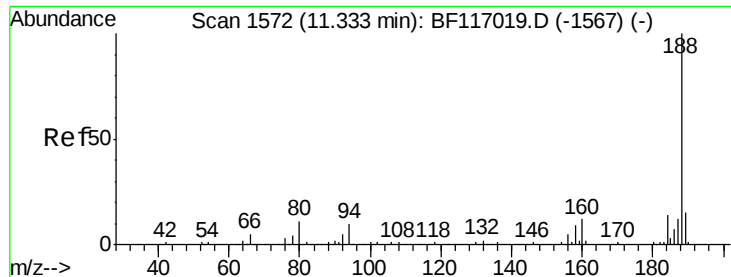
Abundance

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

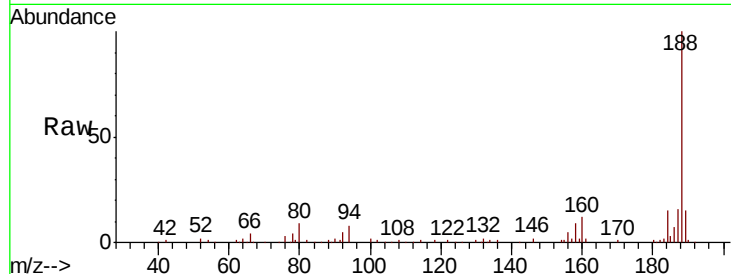




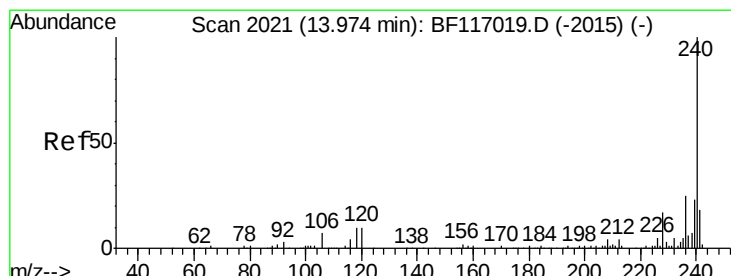
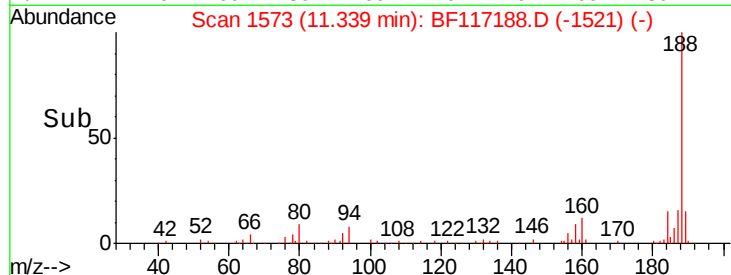
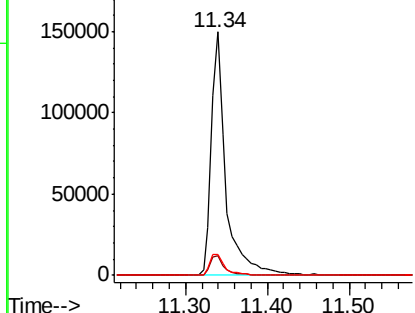
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117188.D
Acq: 20 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :
PB123244BL

Tot Ion:188 Resp: 184549
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 8.8 9.0 13.6#

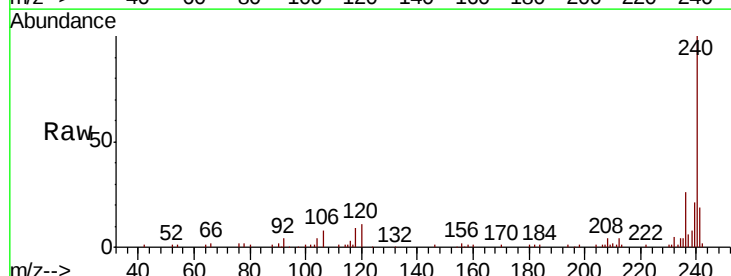


Abundance Ion 188.00 (187.70 to 188.70): E
200000 Ion 94.00 (93.70 to 94.70): BF1
150000 Ion 80.00 (79.70 to 80.70): BF1
100000
50000
0

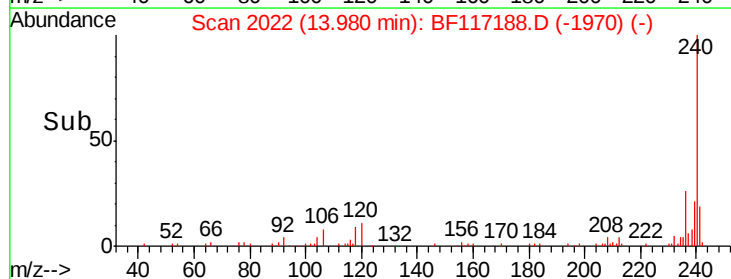
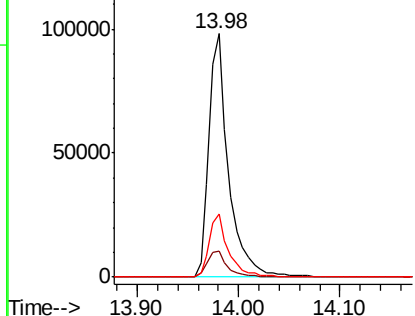


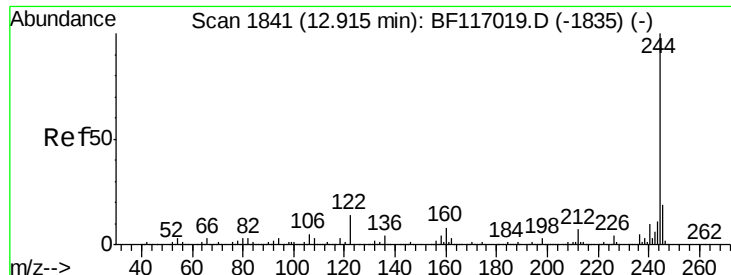
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117188.D
Acq: 20 Sep 2019 16:31

Tgt Ion:240 Resp: 132163
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 25.7 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E
100000 Ion 120.00 (119.70 to 120.70): E
50000 Ion 236.00 (235.70 to 236.70): E
0





#79

Terphenyl-d14

Concen: 123.382 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.02 min

Lab File: BF117188.D

Acq: 20 Sep 2019 16:31

Instrument :

BNA_F

ClientSampleId :

PB123244BL

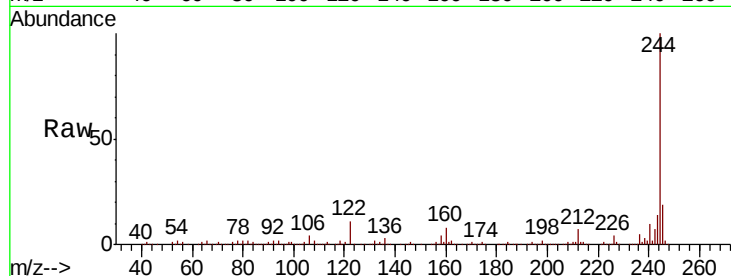
Tot Ion:244 Resp: 872371

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

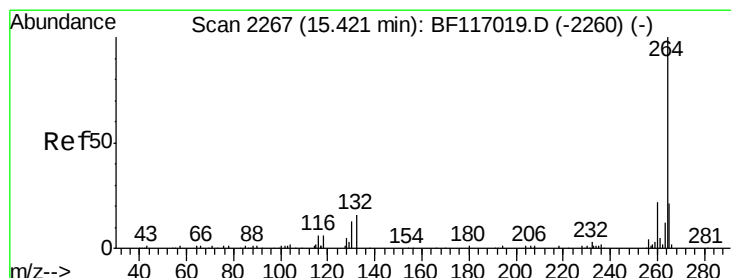
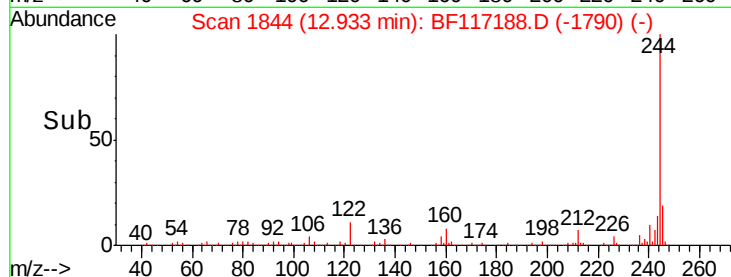
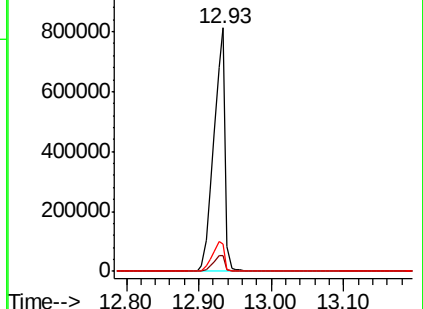
122 11.4 11.3 16.9



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: BF117188.D

Acq: 20 Sep 2019 16:31

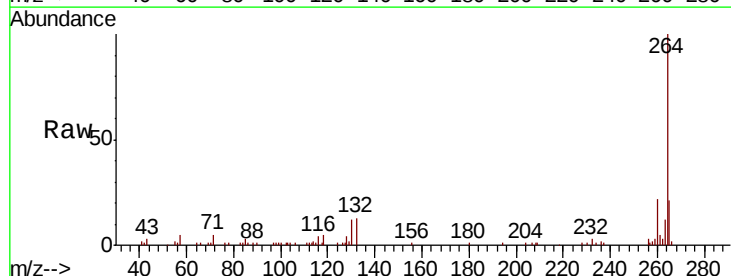
Tgt Ion:264 Resp: 107812

Ion Ratio Lower Upper

264 100

260 22.1 17.6 26.4

265 21.3 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

