

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117013.D
 Acq On : 13 Sep 2019 9:03
 Operator : HP/JU
 Sample : PB122826BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122826BL

Quant Time: Sep 13 11:03:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69716	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	283426	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	152663	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	275497	20.00	ng	0.00
76) Chrysene-d12	13.97	240	193356	20.00	ng	0.00
87) Perylene-d12	15.44	264	170734	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	473019	109.92	ng	0.00
7) Phenol-d6	6.46	99	646254	114.37	ng	0.00
23) Nitrobenzene-d5	7.39	82	413619	83.31	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	155758	152.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	770790	85.17	ng	0.00
79) Terphenyl-d14	12.92	244	865342	82.79	ng	0.00

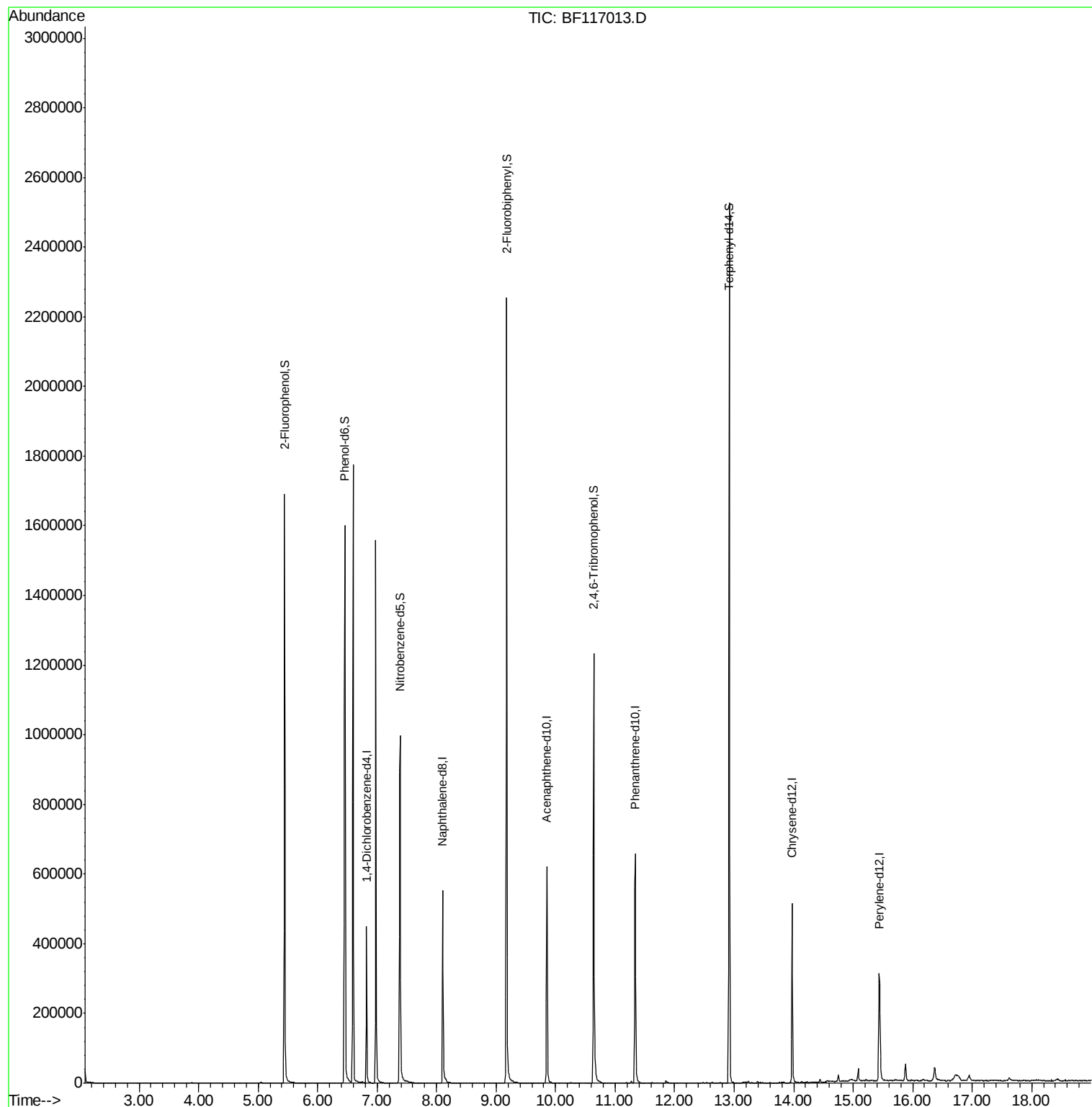
Target Compounds Qvalue

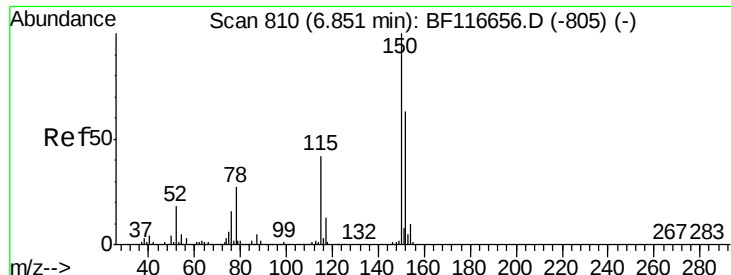
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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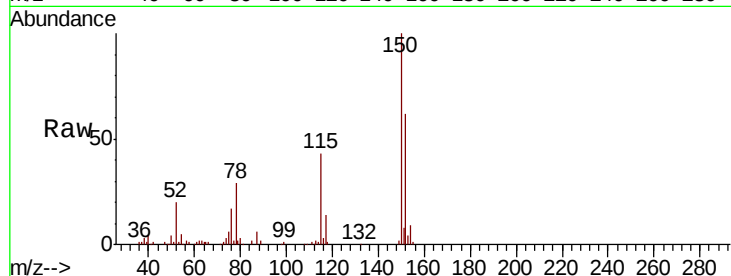


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF117013.D
Acq: 13 Sep 2019 9:03

Instrument :
BNA_F
ClientSampleId :
PB122826BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	69.6	50.2	75.2

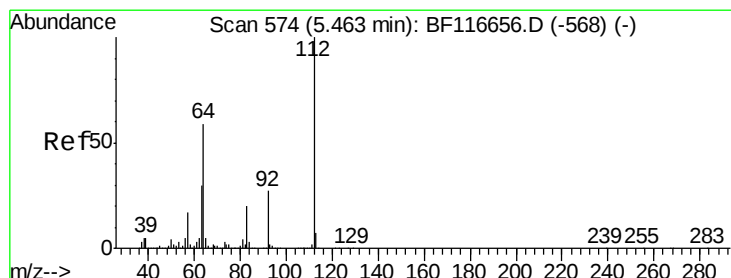
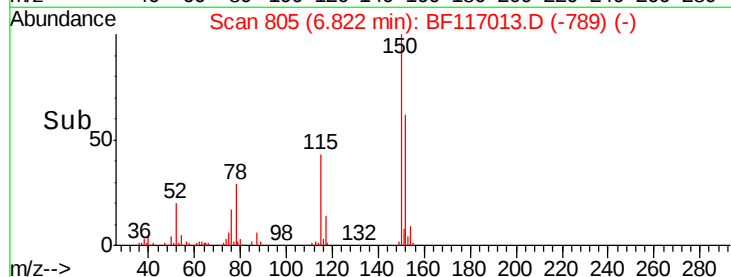
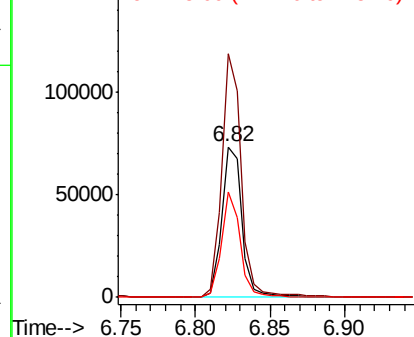


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

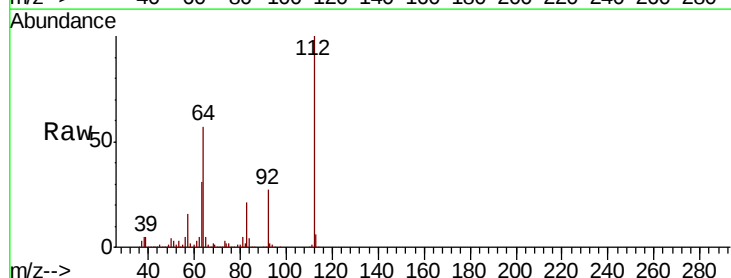
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.920 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117013.D
Acq: 13 Sep 2019 9:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.1	70.7
63	30.9	25.4	38.0

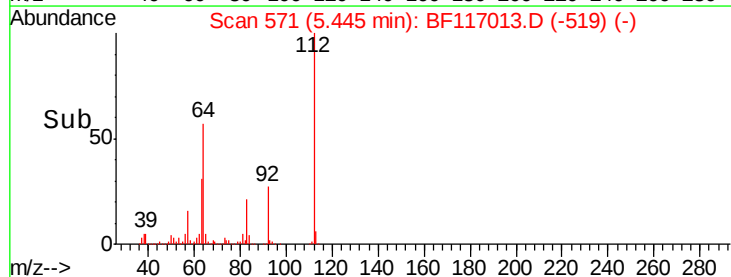
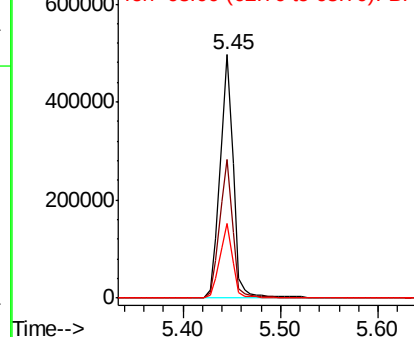


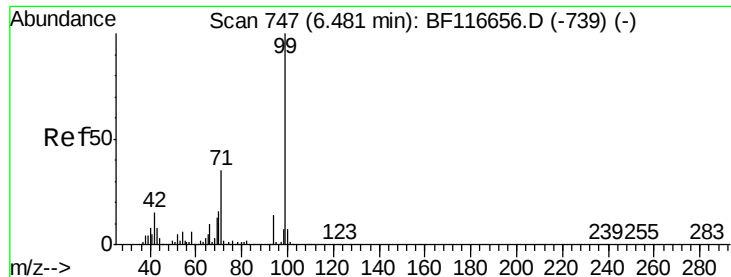
Abundance

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: 114.367 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117013.D

Acq: 13 Sep 2019 9:03

Instrument :

BNA_F

ClientSampleId :

PB122826BL

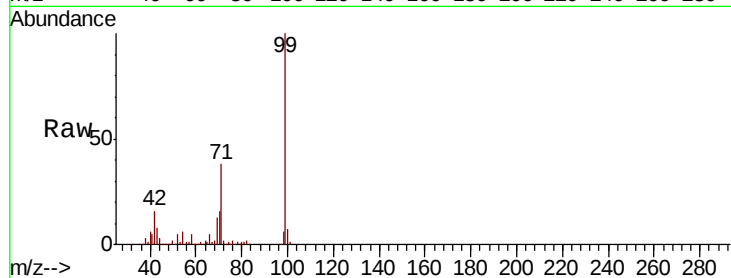
Tot Ion: 99 Resp: 646254

Ion Ratio Lower Upper

99 100

42 15.7 12.0 18.0

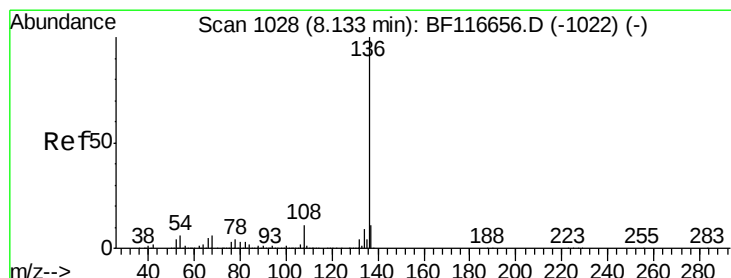
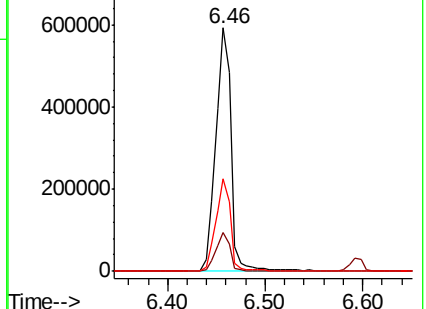
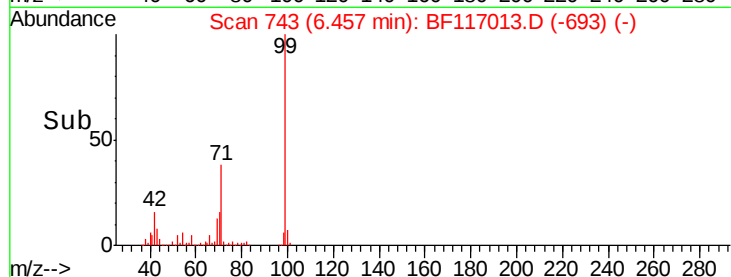
71 38.1 29.7 44.5



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# 1023

Delta R.T. -0.01 min

Lab File: BF117013.D

Acq: 13 Sep 2019 9:03

Tgt Ion: 136 Resp: 283426

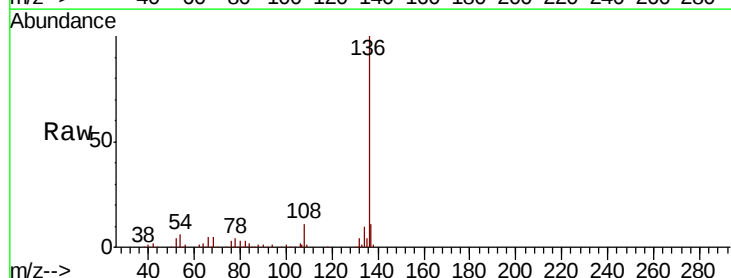
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 5.6 3.8 5.8

68 4.7 3.6 5.4

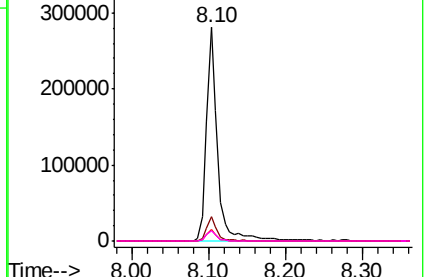
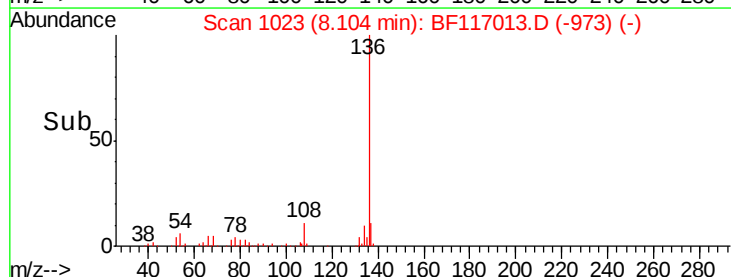


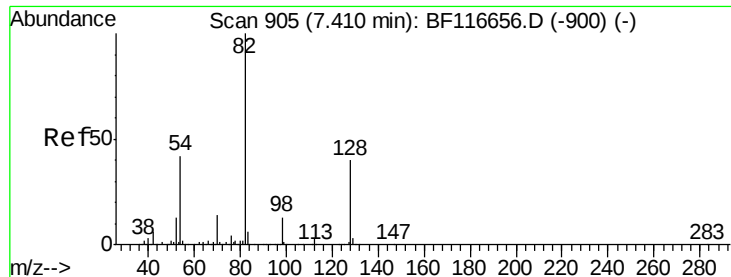
Abundance Ion 136.00 (135.70 to 136.70): E

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

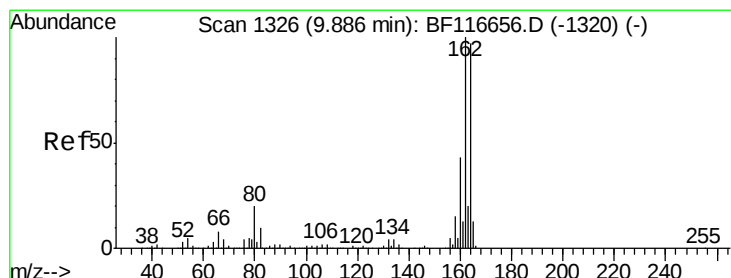
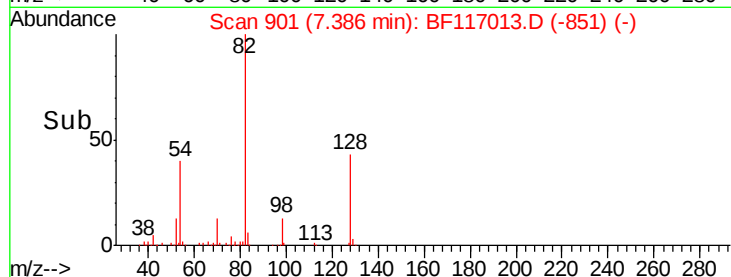
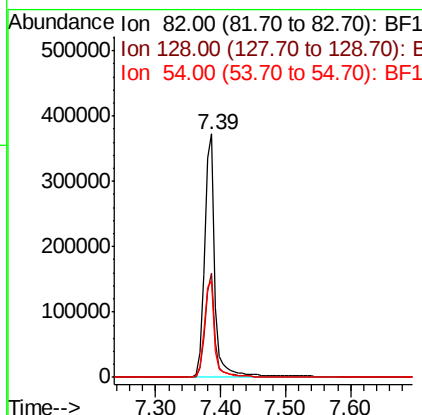
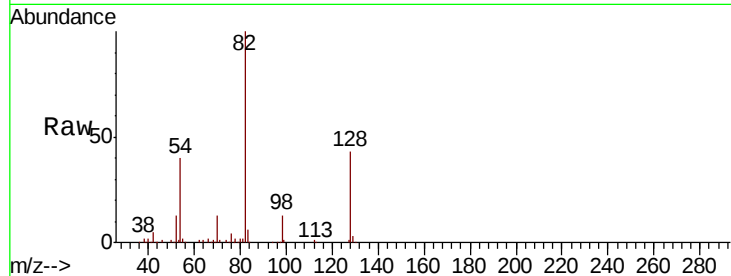




#23
 Nitrobenzene-d5
 Concen: 83.311 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF117013.D
 Acq: 13 Sep 2019 9:03

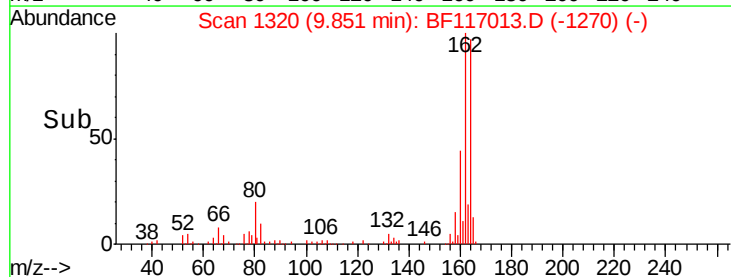
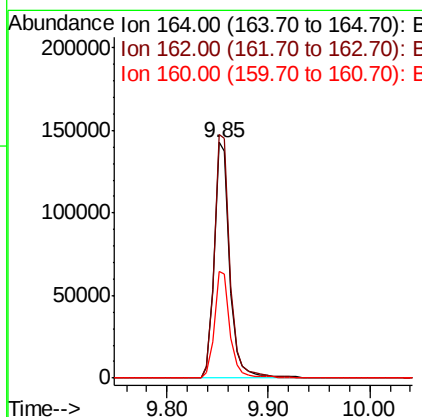
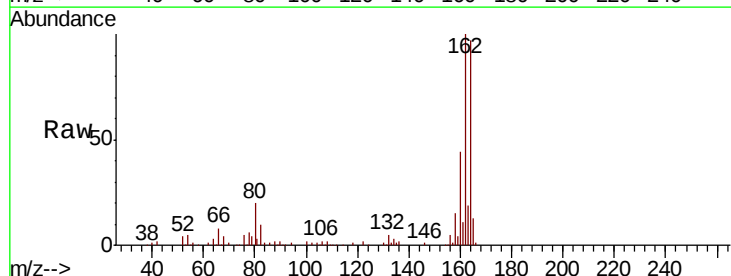
Instrument :
 BNA_F
 ClientSampleId :
 PB122826BL

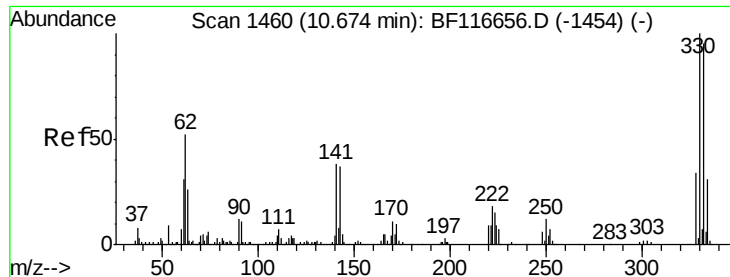
Tot Ion	82	Resp	413619
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.0	52.4
54	39.7	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117013.D
 Acq: 13 Sep 2019 9:03

Tgt Ion	164	Resp	152663
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.8	122.6
160	45.2	35.7	53.5

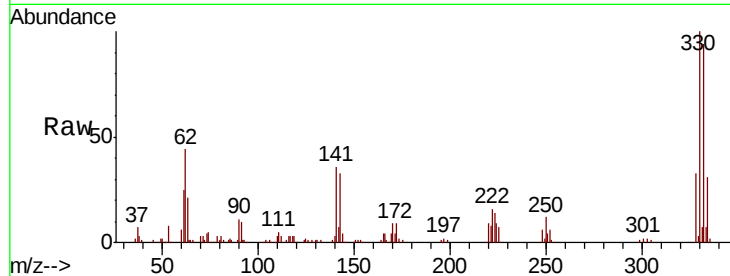




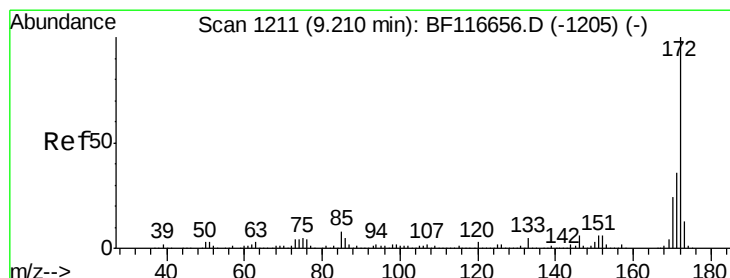
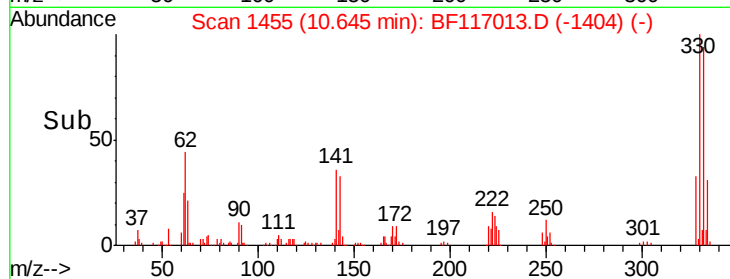
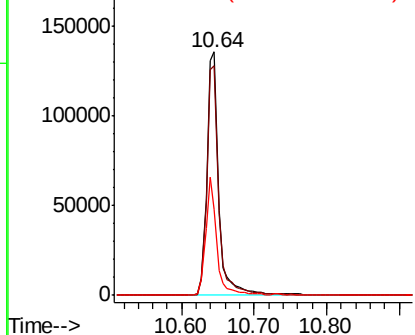
#42
 2,4,6-Tribromophenol
 Concen: 152.616 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF117013.D
 Acq: 13 Sep 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB122826BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.9	113.9
141	44.8	35.6	53.4

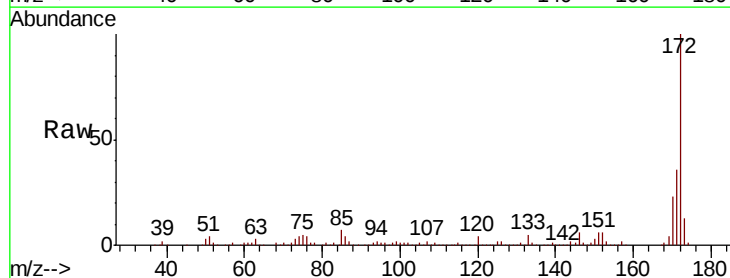


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

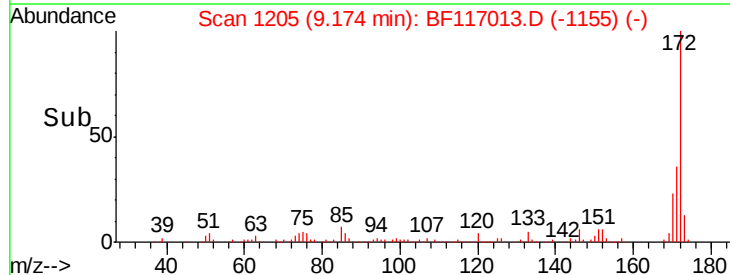
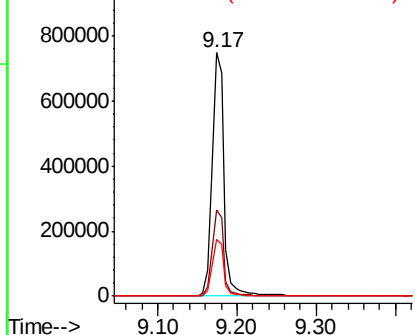


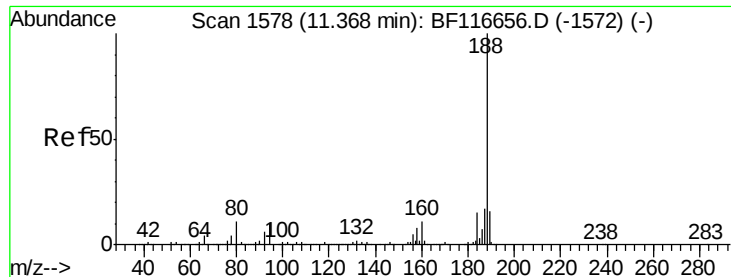
#45
 2-Fluorobiphenyl
 Concen: 85.171 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF117013.D
 Acq: 13 Sep 2019 9:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	23.4	19.2	28.8



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. -0.00 min

Lab File: BF117013.D

Acq: 13 Sep 2019 9:03

Instrument :

BNA_F

ClientSampleId :

PB122826BL

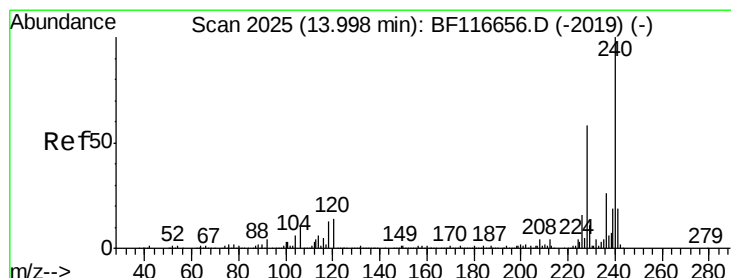
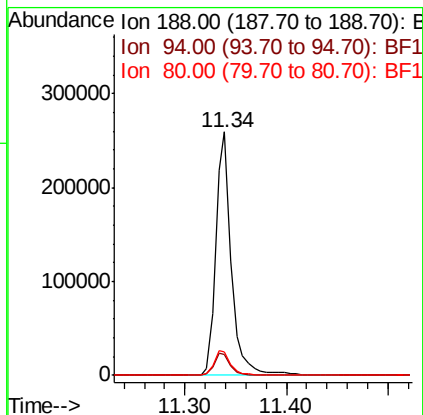
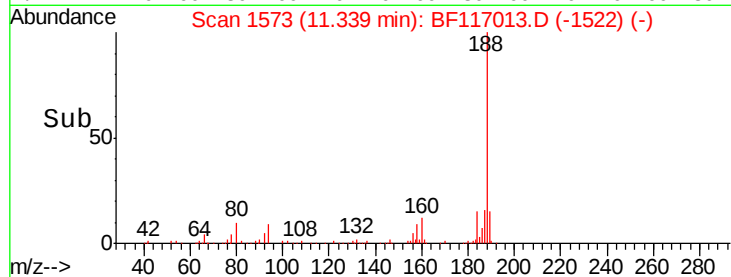
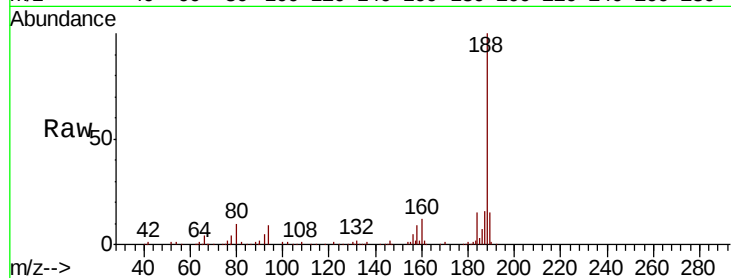
Tot Ion:188 Resp: 275497

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.9 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF117013.D

Acq: 13 Sep 2019 9:03

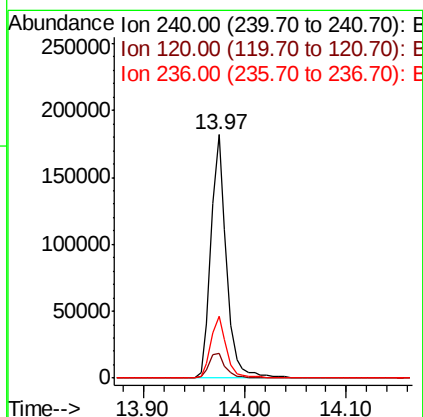
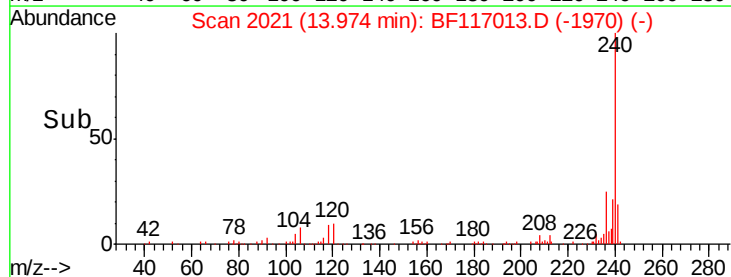
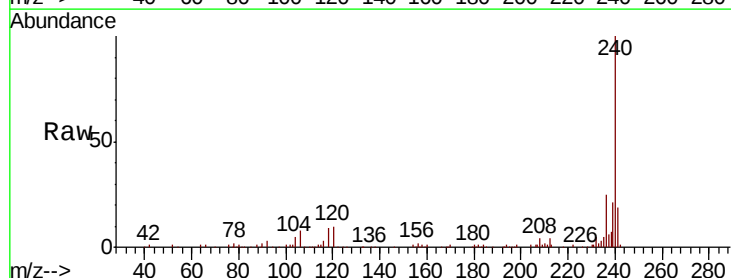
Tgt Ion:240 Resp: 193356

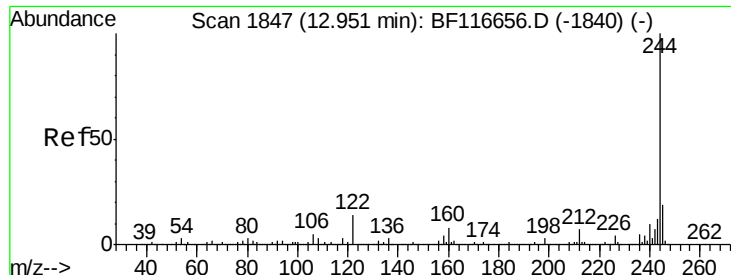
Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

236 25.1 20.9 31.3





#79

Terphenyl-d14

Concen: 82.792 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF117013.D

Acq: 13 Sep 2019 9:03

Instrument :

BNA_F

ClientSampleId :

PB122826BL

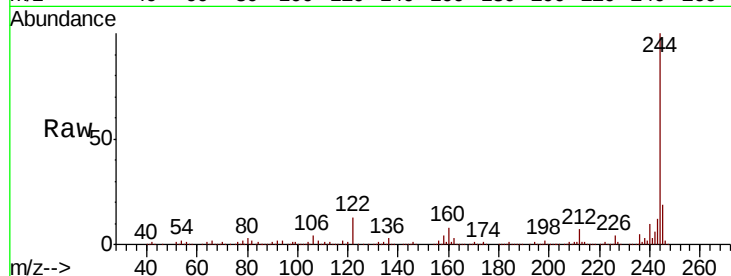
Tot Ion:244 Resp: 865342

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

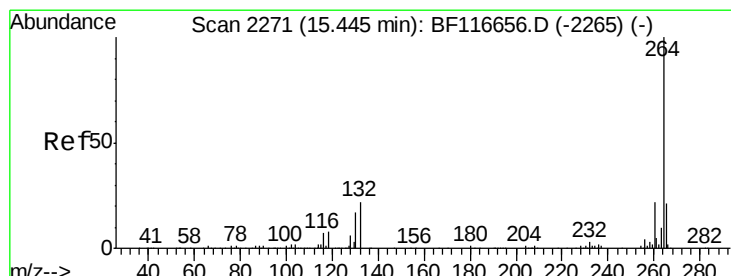
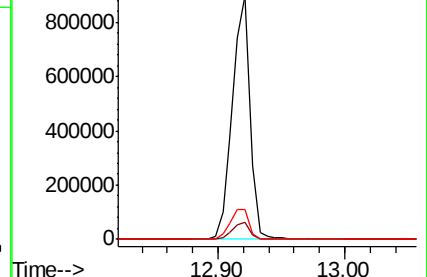
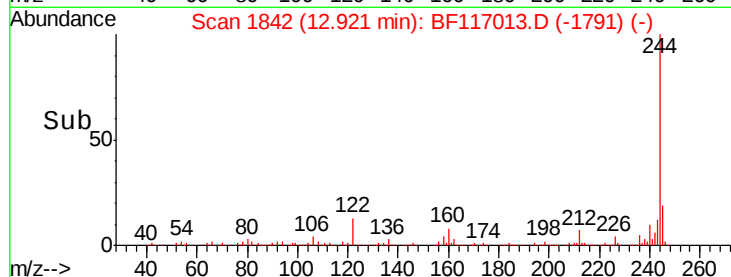
122 12.5 11.5 17.3



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: 15.44 min Scan# 2270

Delta R.T. 0.02 min

Lab File: BF117013.D

Acq: 13 Sep 2019 9:03

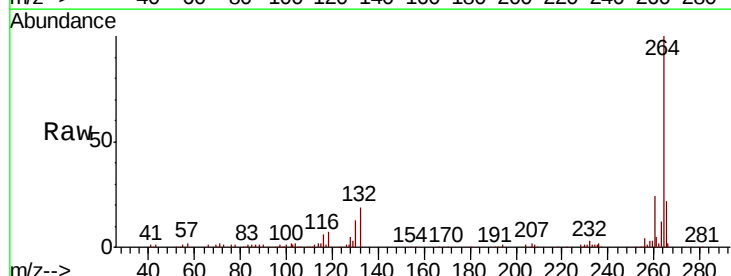
Tgt Ion:264 Resp: 170734

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.6 17.9 26.9



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

