

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116980.D
 Acq On : 12 Sep 2019 7:20
 Operator : HP/JU
 Sample : K4764-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPOSITE-2

Quant Time: Sep 12 08:42:26 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

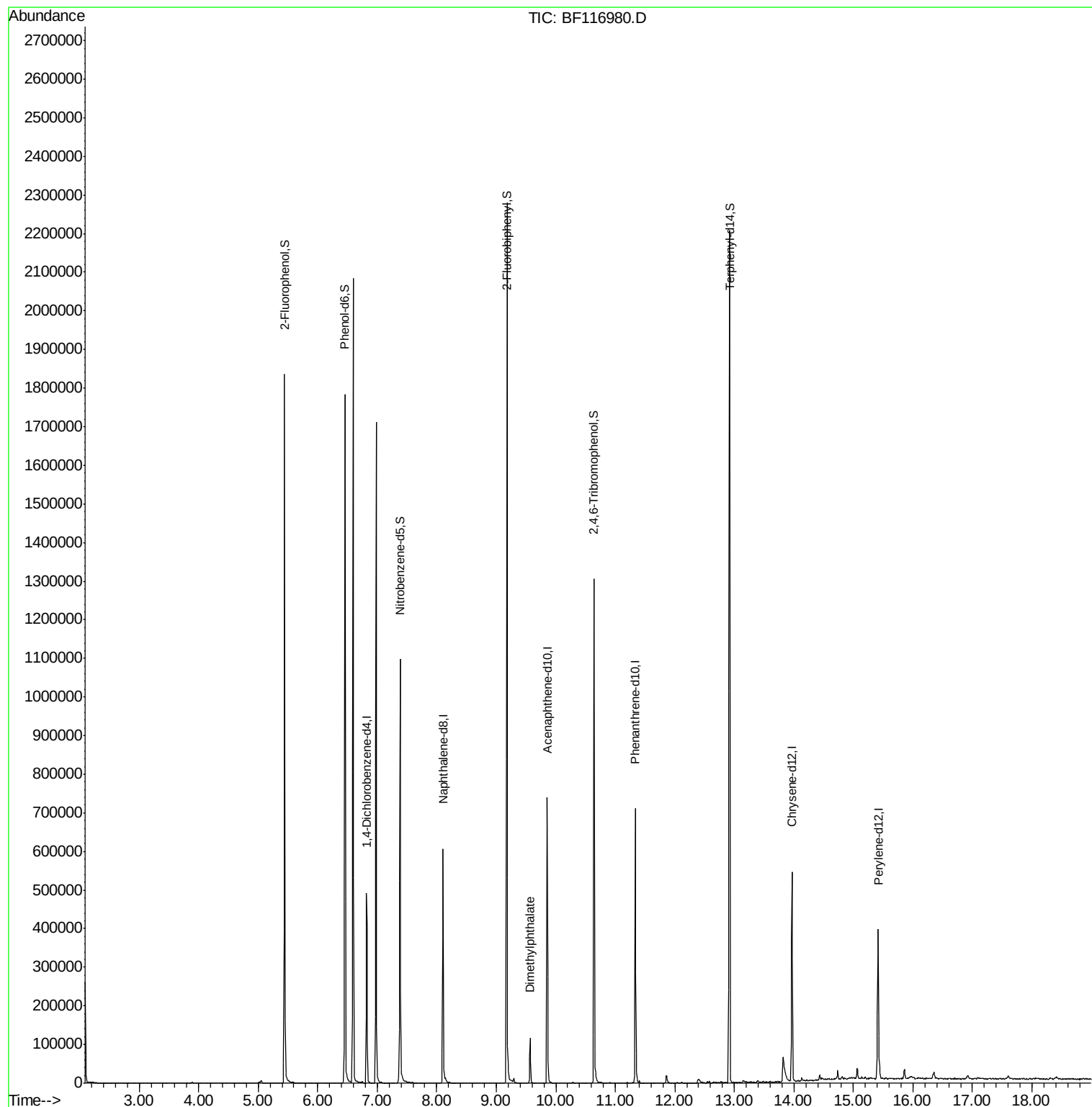
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73490	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	306997	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	165479	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	281079	20.00	ng	0.00
76) Chrysene-d12	13.97	240	173334	20.00	ng	0.00
87) Perylene-d12	15.42	264	176607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	518940	114.40	ng	0.00
7) Phenol-d6	6.46	99	719496	120.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	442539	82.29	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	155712	140.76	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	764111	77.89	ng	0.00
79) Terphenyl-d14	12.92	244	754468	80.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	49167	4.304	ng	Qvalue 97

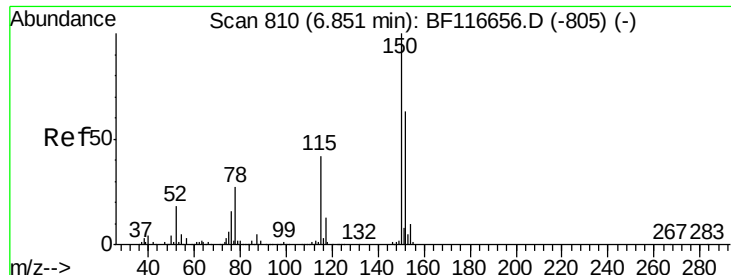
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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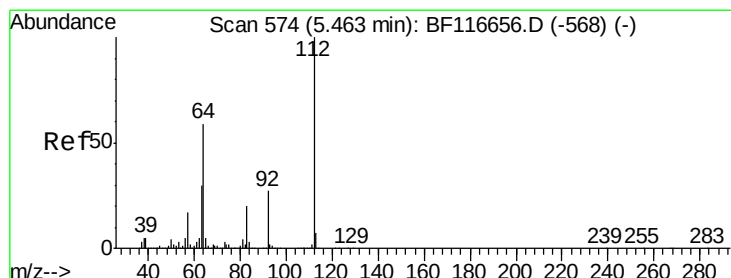
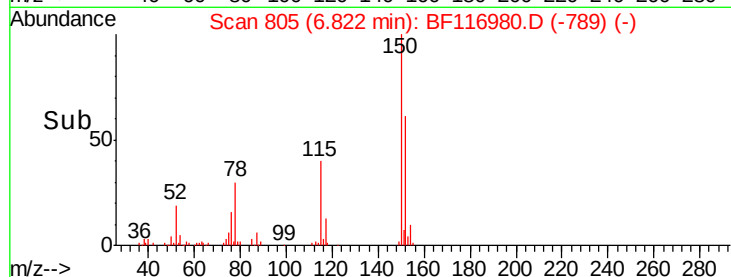
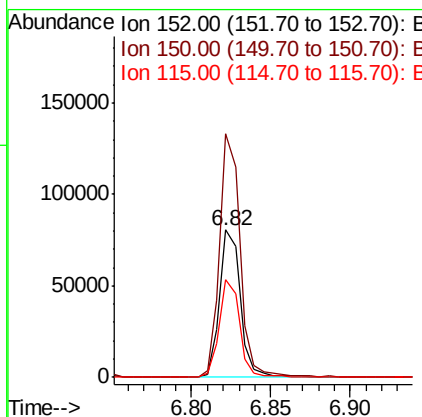
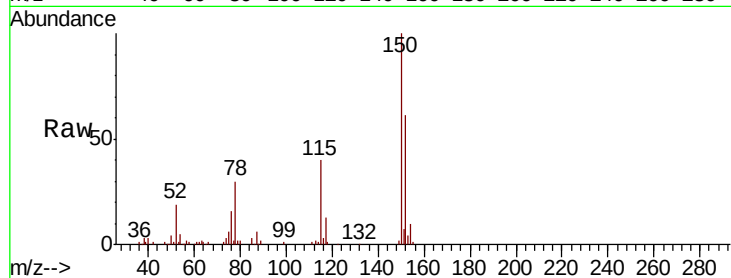


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-2

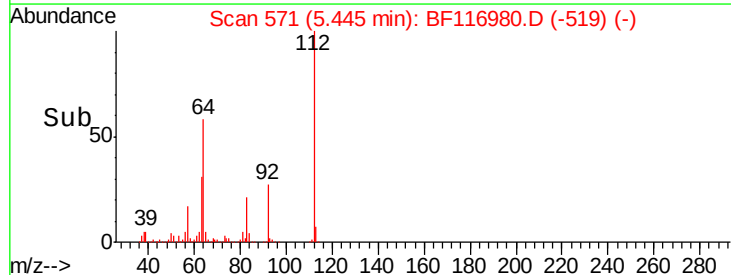
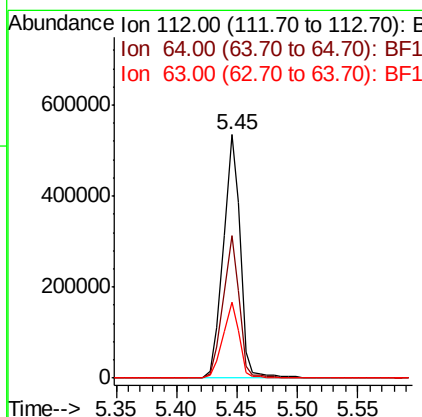
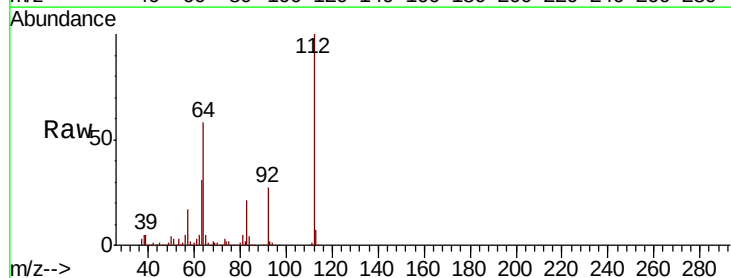
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.1	126.2	189.2
115	66.6	50.2	75.2

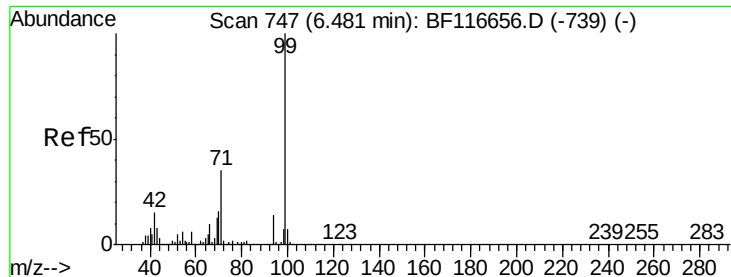


#5

2-Fluorophenol
Concen: 114.398 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.1	70.7
63	31.1	25.4	38.0





#7

Phenol-d6

Concen: 120.790 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116980.D

Acq: 12 Sep 2019 7:20

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-2

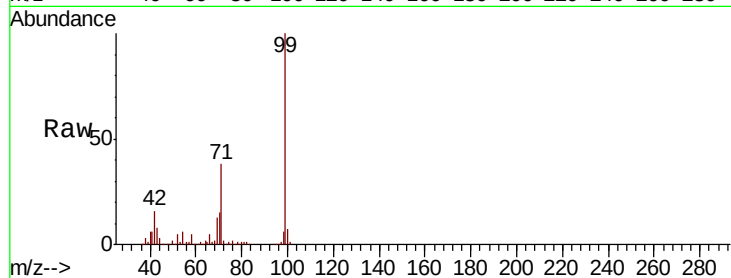
Tot Ion: 99 Resp: 719496

Ion Ratio Lower Upper

99 100

42 15.9 12.0 18.0

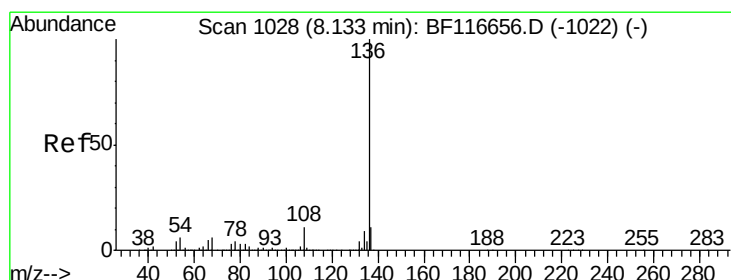
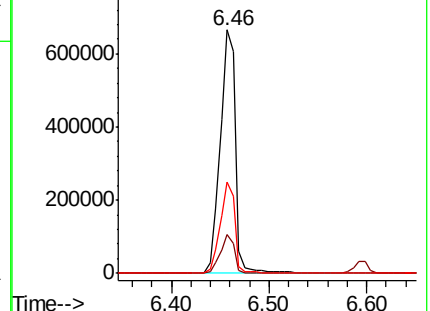
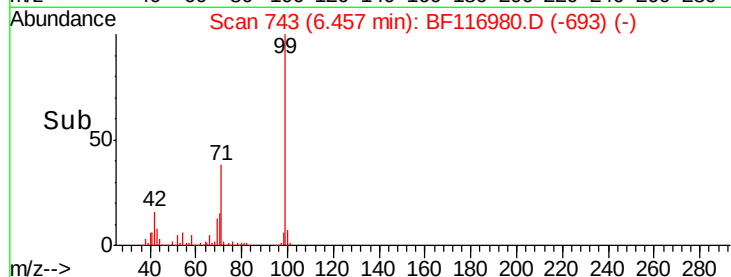
71 37.6 29.7 44.5



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: BF116980.D

Acq: 12 Sep 2019 7:20

Tgt Ion: 136 Resp: 306997

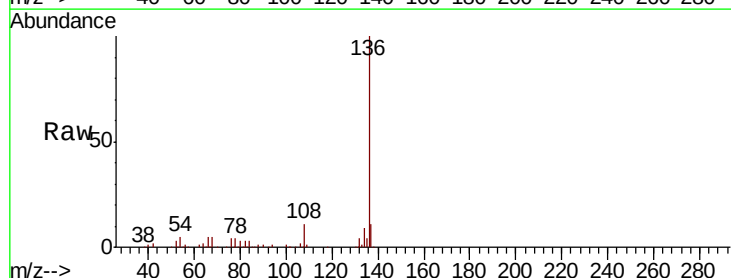
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 5.3 3.8 5.8

68 4.5 3.6 5.4

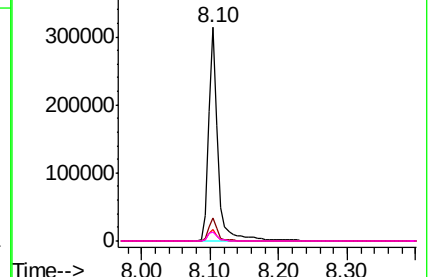
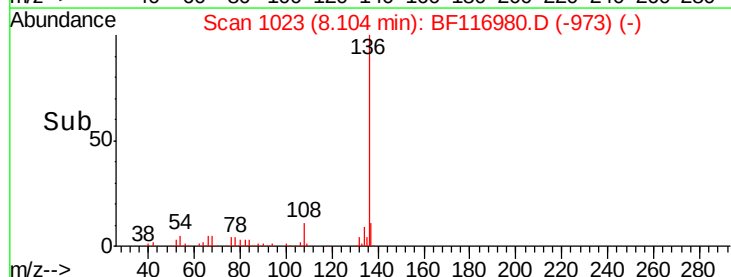


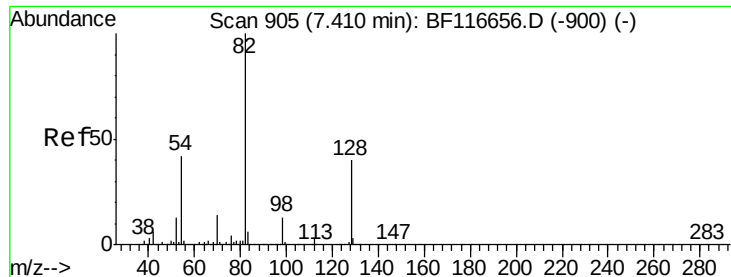
Abundance Ion 136.00 (135.70 to 136.70): E

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

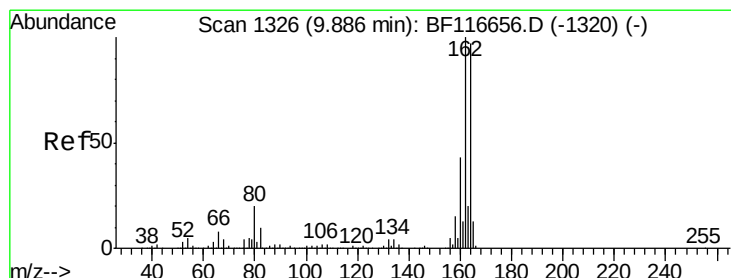
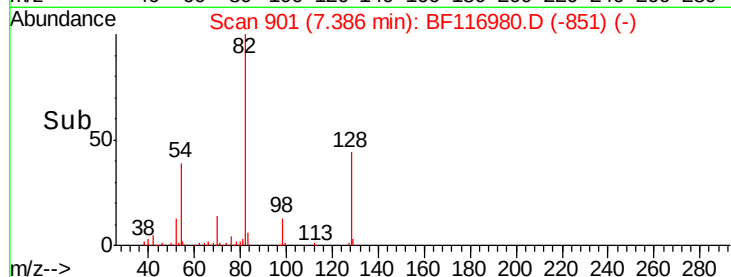
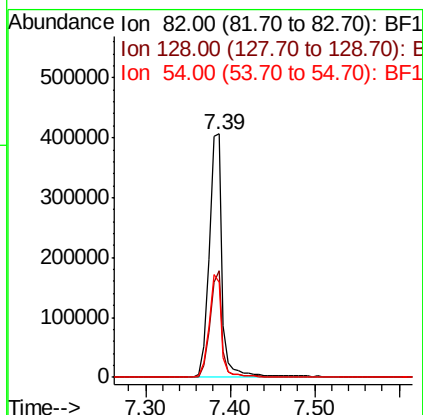
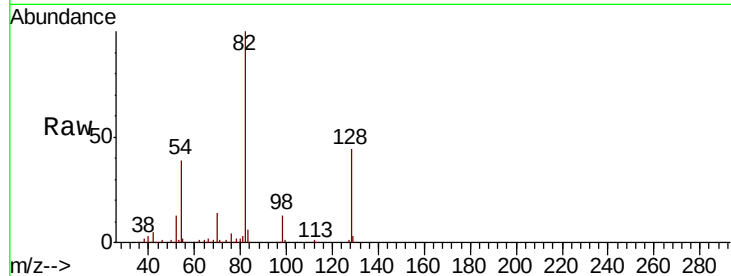




#23
 Nitrobenzene-d5
 Concen: 82.292 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116980.D
 Acq: 12 Sep 2019 7:20

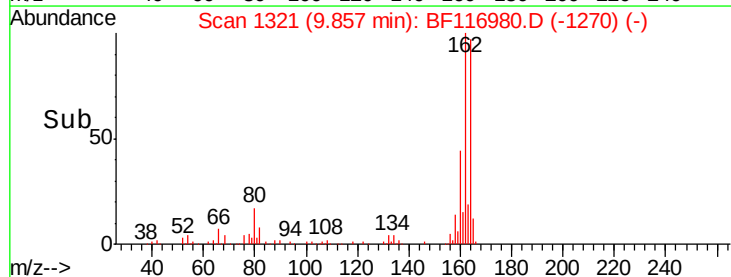
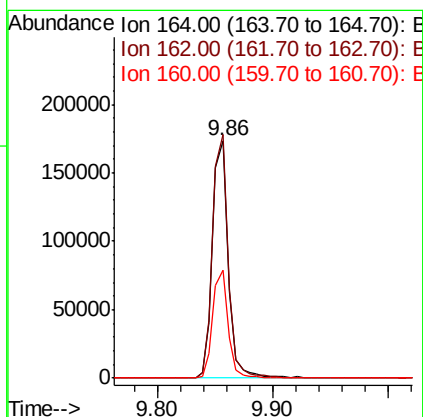
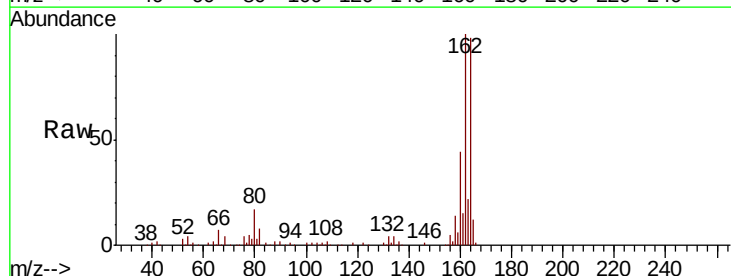
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPOSITE-2

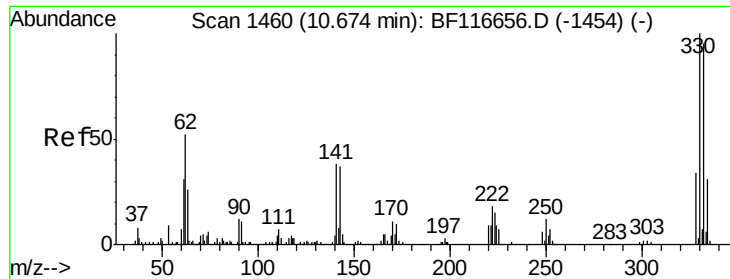
Tot Ion	82	Resp	442539
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.0	52.4
54	39.3	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF116980.D
 Acq: 12 Sep 2019 7:20

Tgt Ion	164	Resp	165479
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.8	122.6
160	45.6	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 140.755 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF116980.D

Acq: 12 Sep 2019 7:20

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-2

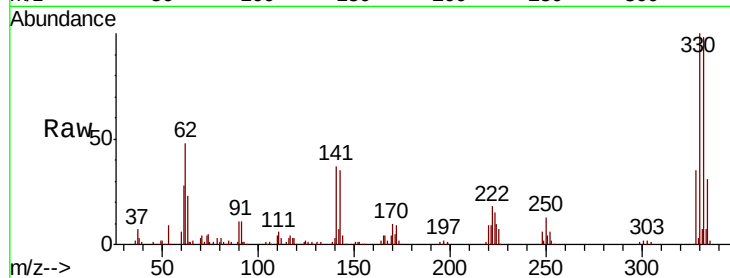
Tot Ion:330 Resp: 155712

Ion Ratio Lower Upper

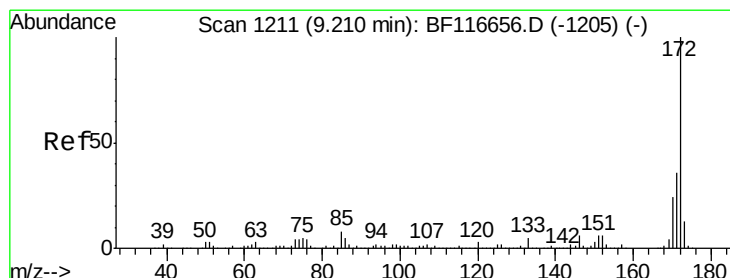
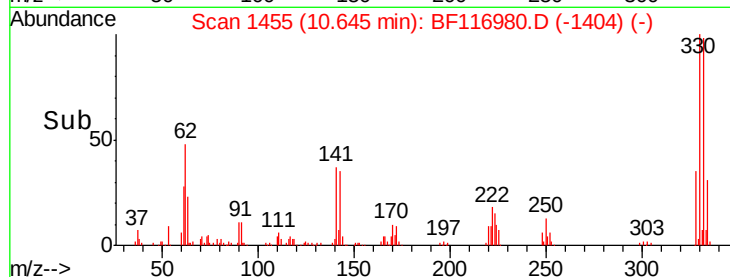
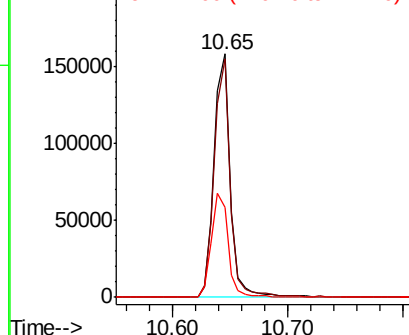
330 100

332 97.2 75.9 113.9

141 44.3 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: 77.894 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF116980.D

Acq: 12 Sep 2019 7:20

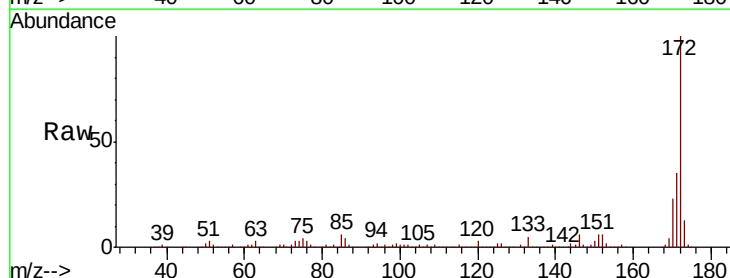
Tgt Ion:172 Resp: 764111

Ion Ratio Lower Upper

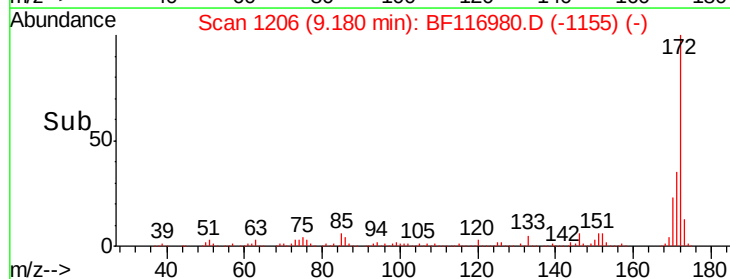
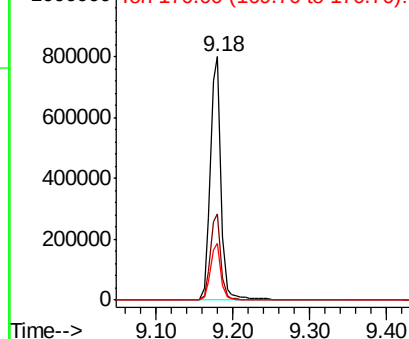
172 100

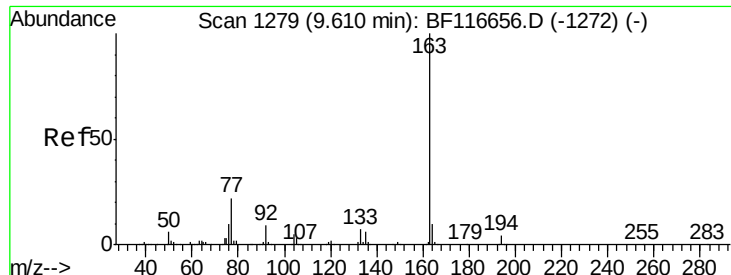
171 35.2 29.1 43.7

170 23.3 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

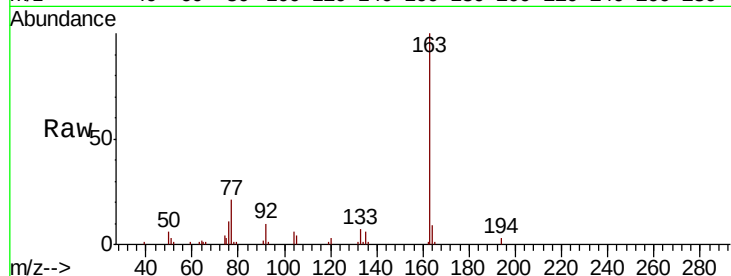




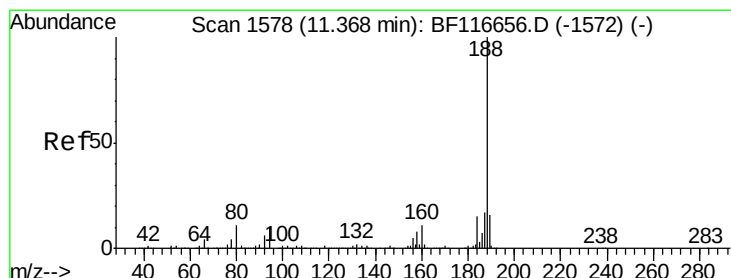
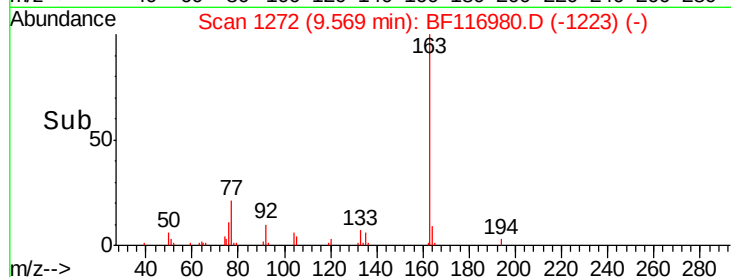
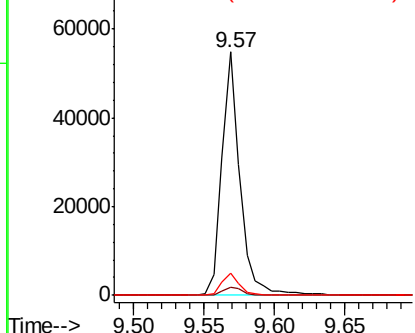
#50
Dimethylphthalate
Concen: 4.304 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.0	8.2	12.4

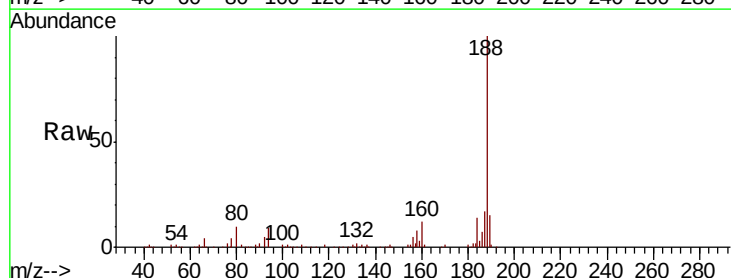


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

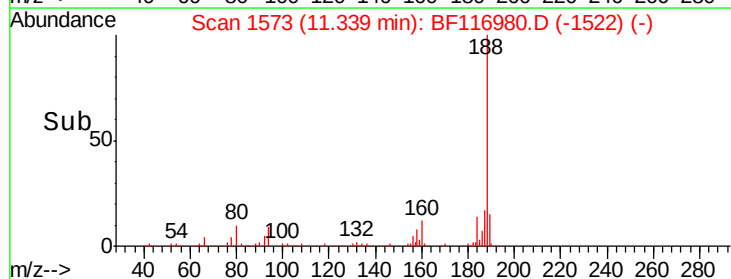
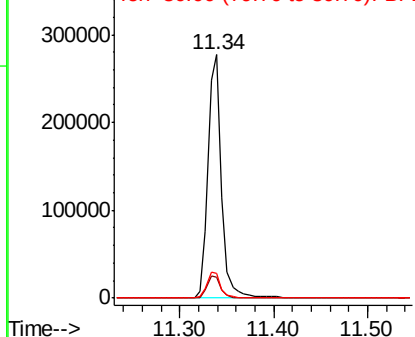


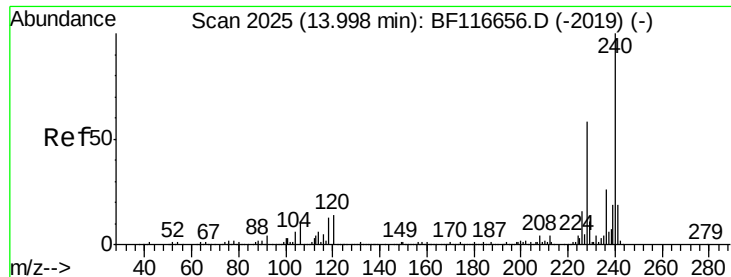
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF116980.D
Acq: 12 Sep 2019 7:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	10.2	8.5	12.7



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# 2020

Delta R.T. -0.01 min

Lab File: BF116980.D

Acq: 12 Sep 2019 7:20

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-2

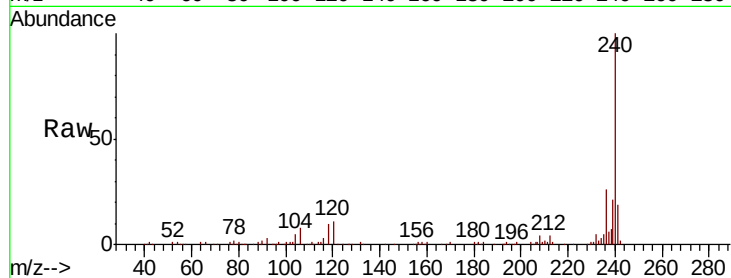
Tot Ion:240 Resp: 173334

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

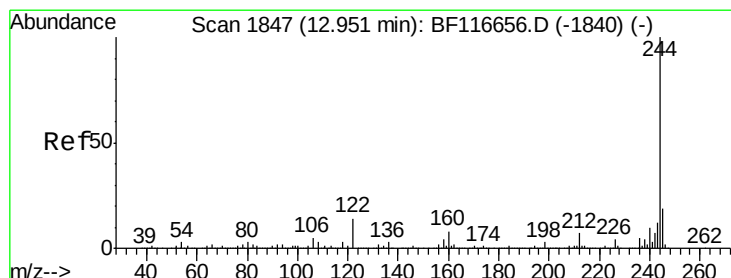
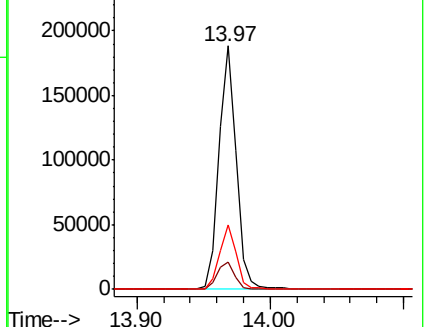
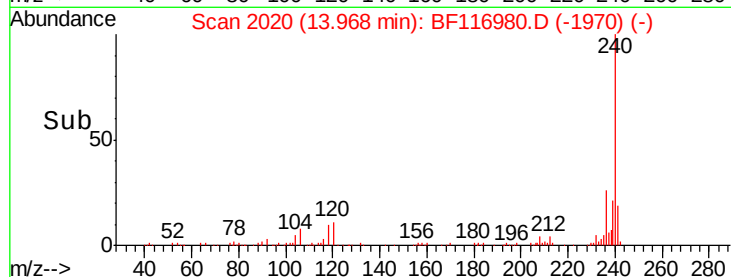
236 26.4 20.9 31.3



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: 80.522 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF116980.D

Acq: 12 Sep 2019 7:20

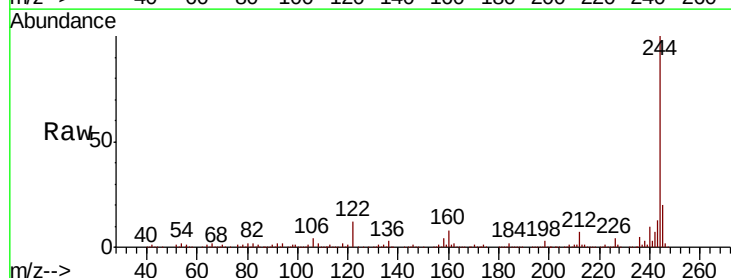
Tgt Ion:244 Resp: 754468

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

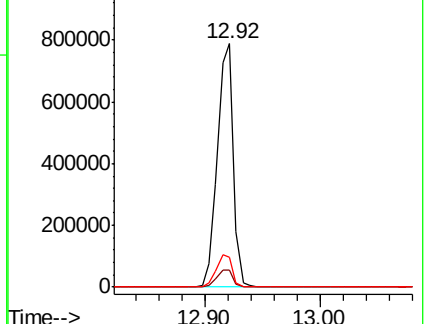
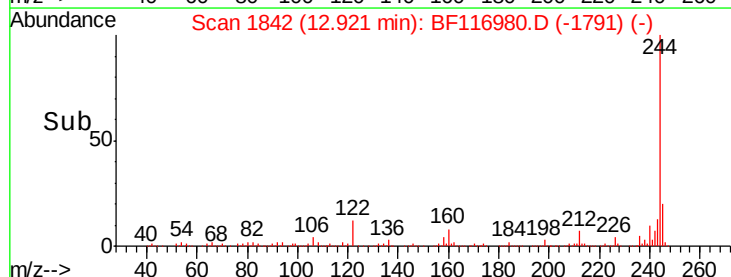
122 12.1 11.5 17.3

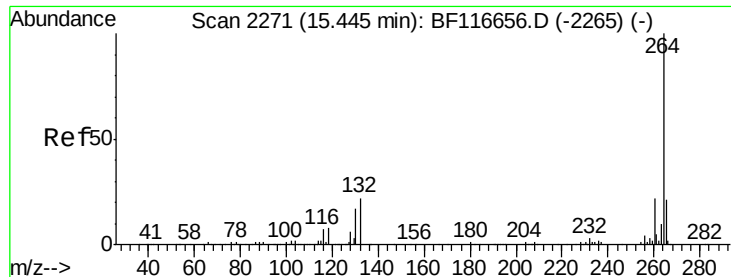


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

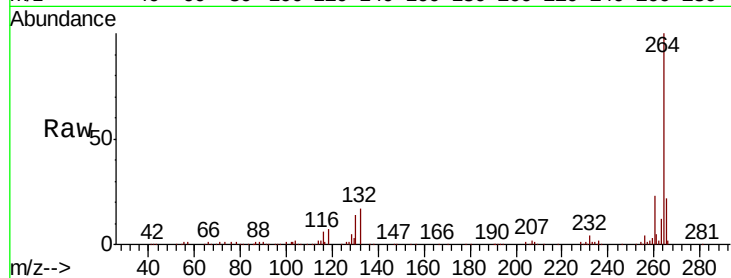




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BF116980.D
 Acq: 12 Sep 2019 7:20

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPOSITE-2

Tot Ion:	264	Resp:	176607
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.7	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

