

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116948.D
 Acq On : 11 Sep 2019 4:19
 Operator : HP/JU
 Sample : K4719-26
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-1-4-(0-1.5)

Quant Time: Sep 11 05:27:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

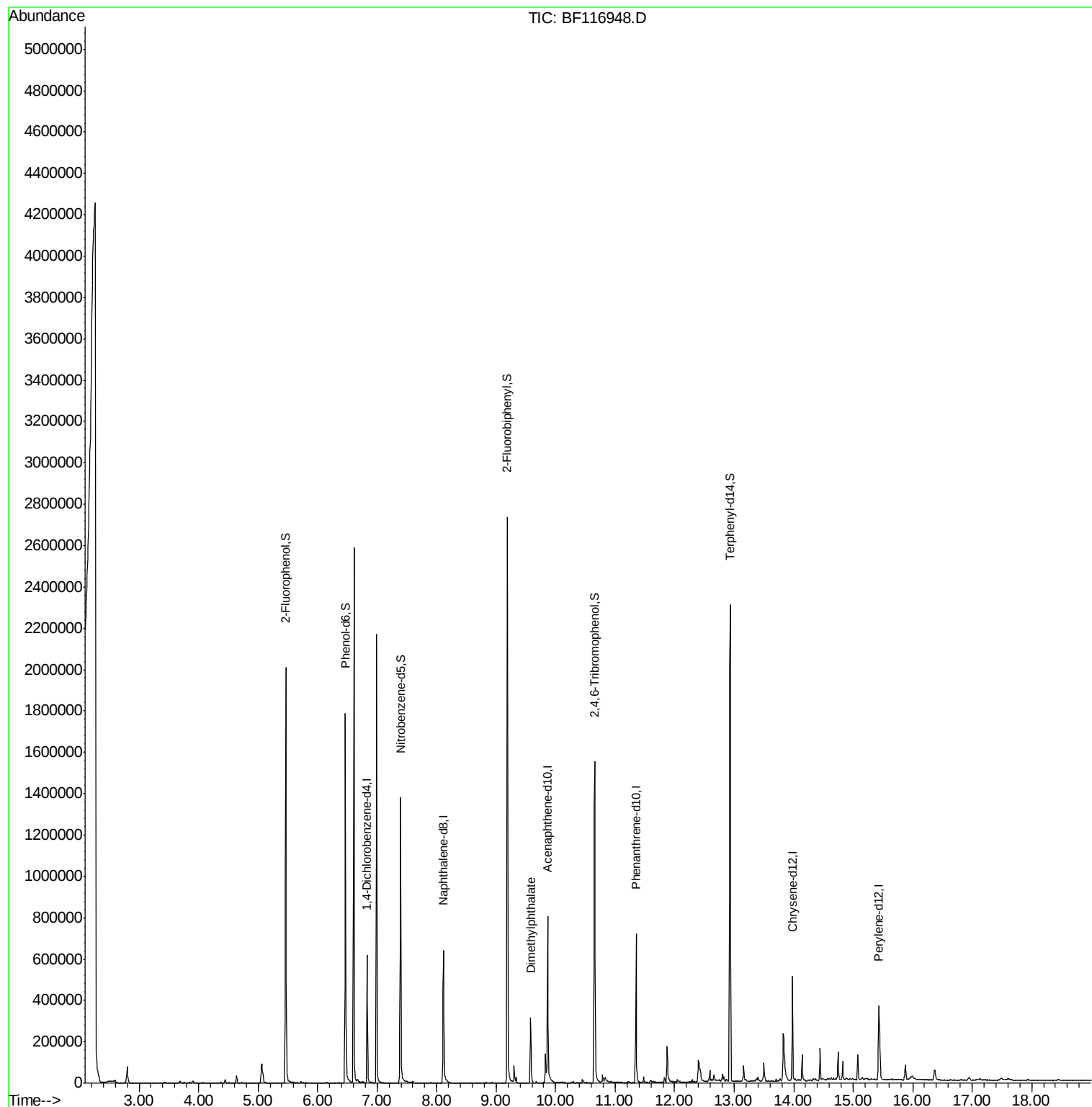
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90093	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	342880	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	171196	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	271636	20.00	ng	0.00
76) Chrysene-d12	13.98	240	157775	20.00	ng	0.00
87) Perylene-d12	15.43	264	174650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	612779	110.19	ng	0.02
7) Phenol-d6	6.47	99	747982	102.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	577507	96.15	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	187440	163.78	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	973422	95.92	ng	0.00
79) Terphenyl-d14	12.93	244	763441	89.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	142124	12.025	ng	Qvalue 98

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

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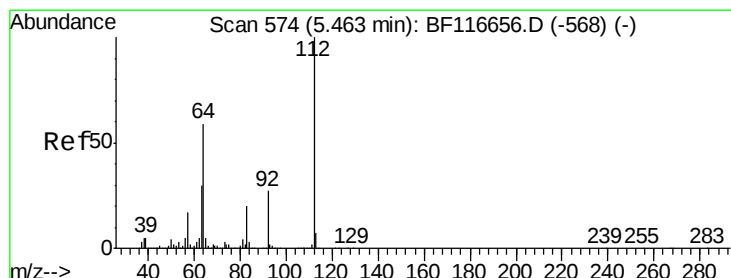
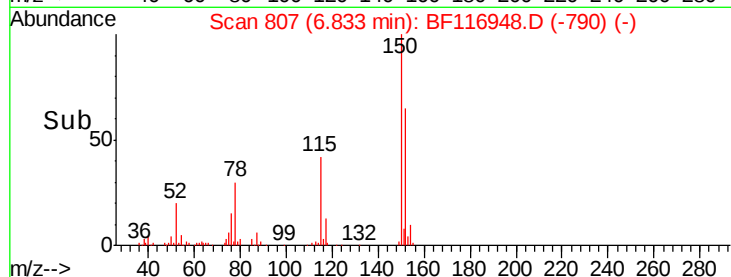
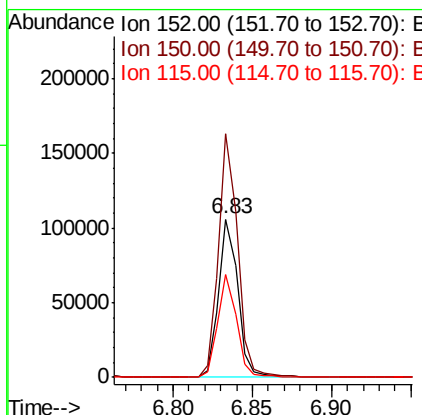
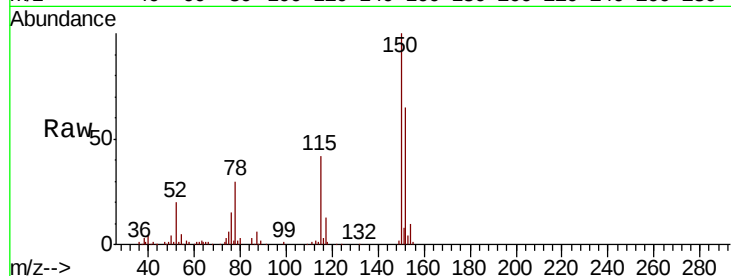


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Instrument :
BNA_F
ClientSampleId :
T4-1-4-(0-1.5)

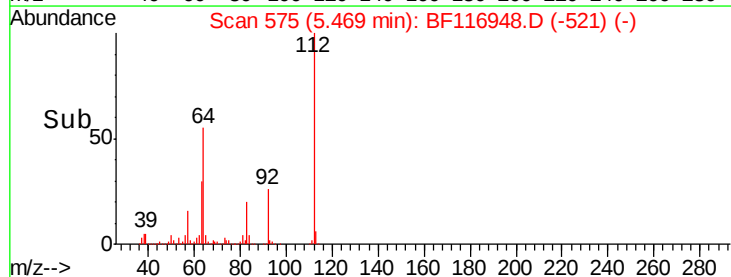
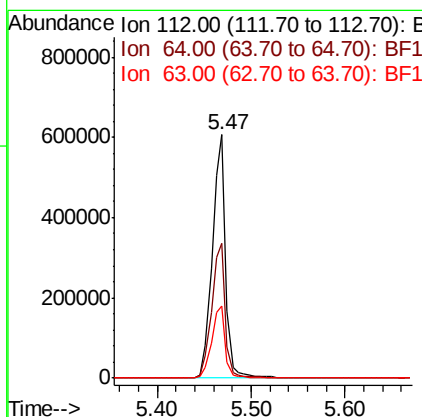
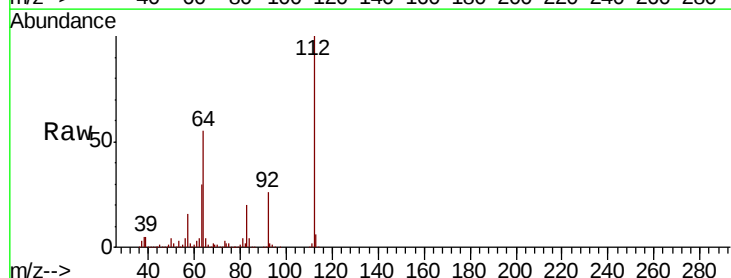
Tot Ion	152	Resp	90093
Ion Ratio	Lower	Upper	
152	100		
150	153.7	124.4	186.6
115	65.0	49.9	74.9



#5

2-Fluorophenol
Concen: 110.190 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Tgt Ion	112	Resp	612779
Ion Ratio	Lower	Upper	
112	100		
64	55.1	47.1	70.7
63	29.5	24.9	37.3





#7

Phenol-d6

Concen: 102.430 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

Instrument :

BNA_F

ClientSampleId :

T4-1-4-(0-1.5)

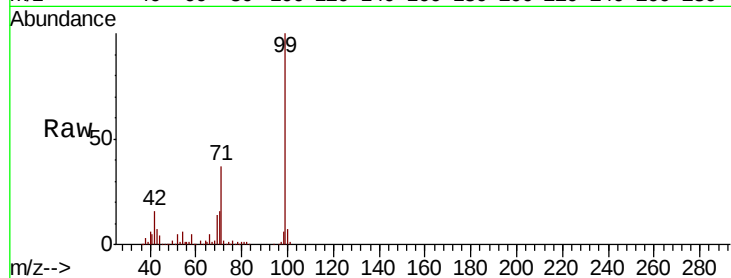
Tot Ion: 99 Resp: 747982

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

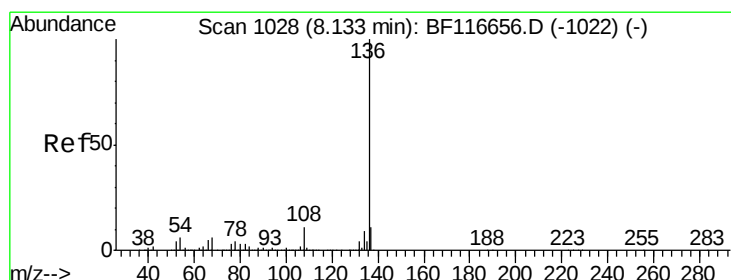
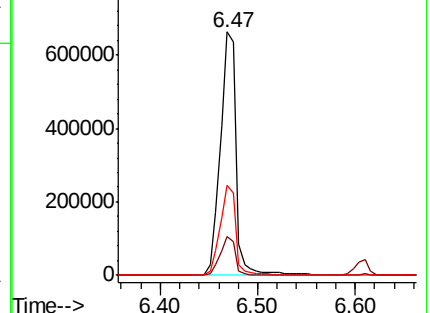
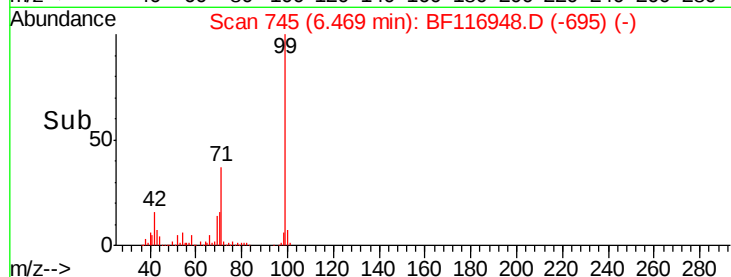
71 37.2 30.8 46.2



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

Tgt Ion: 136 Resp: 342880

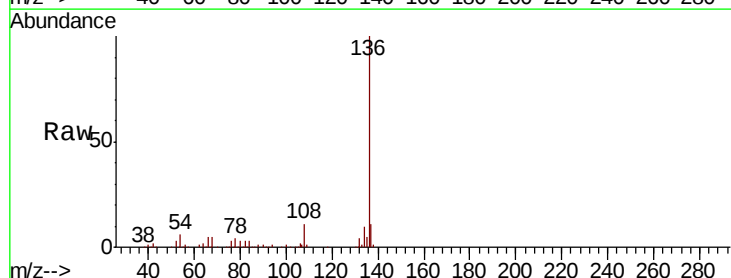
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.5 4.8 7.2

68 4.6 4.0 6.0

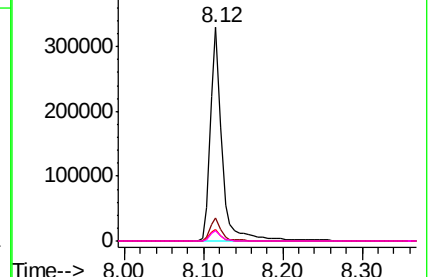
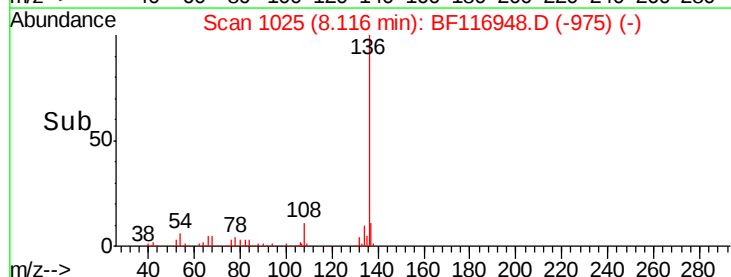


Abundance Ion 136.00 (135.70 to 136.70): E

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

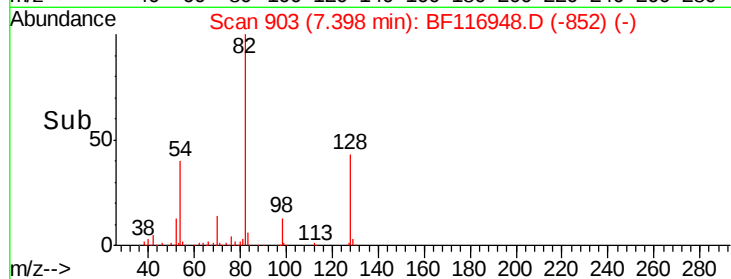
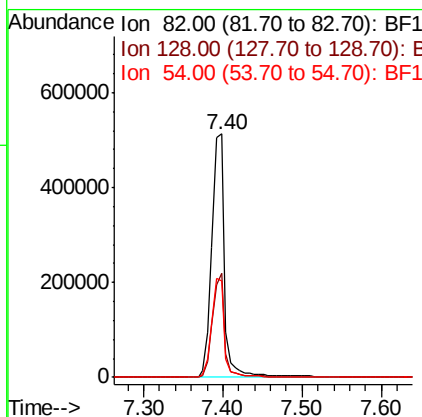
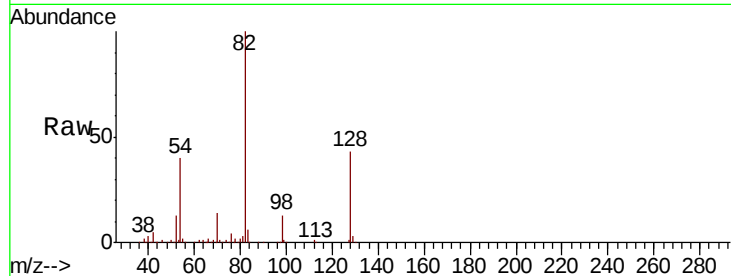




#23
 Nitrobenzene-d5
 Concen: 96.151 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

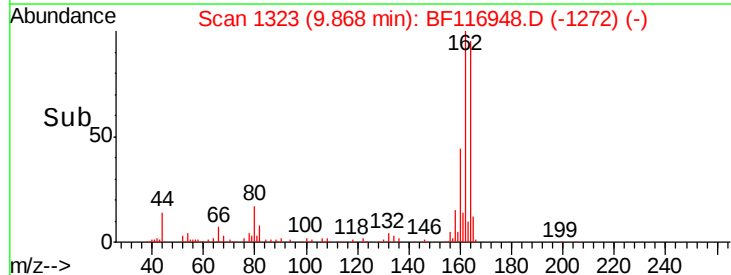
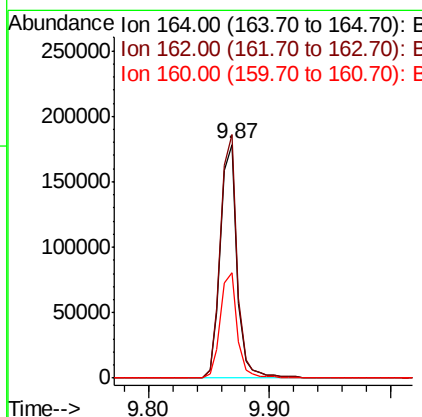
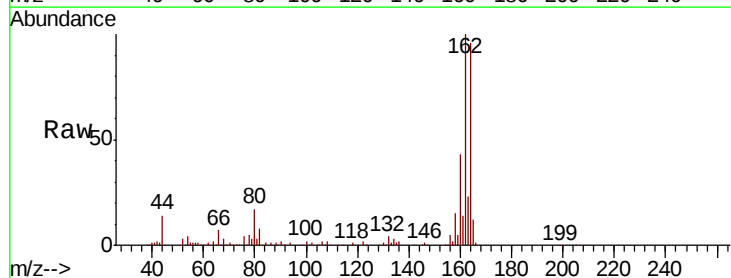
Instrument :
 BNA_F
 ClientSampleId :
 T4-1-4-(0-1.5)

Tot Ion	82	Resp	577507
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.8	49.2
54	39.5	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Tgt Ion	164	Resp	171196
Ion Ratio	Lower	Upper	
164	100		
162	104.1	81.4	122.0
160	45.3	35.4	53.2

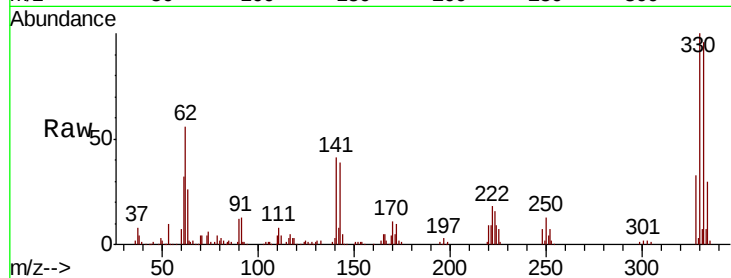




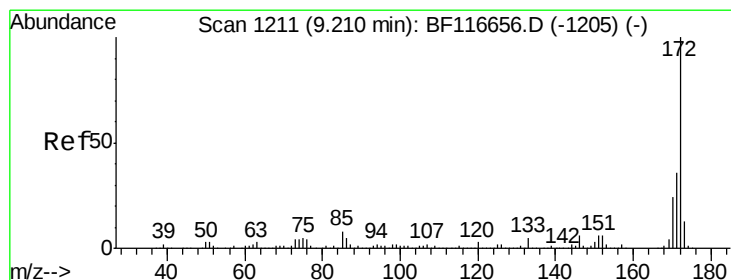
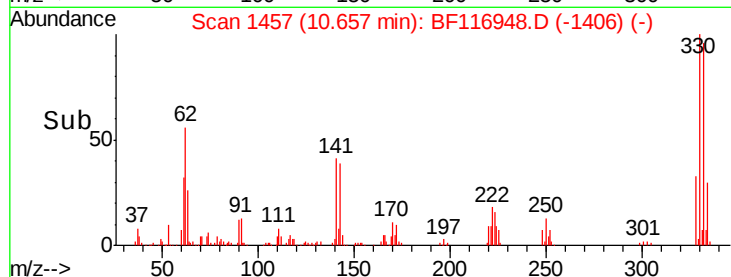
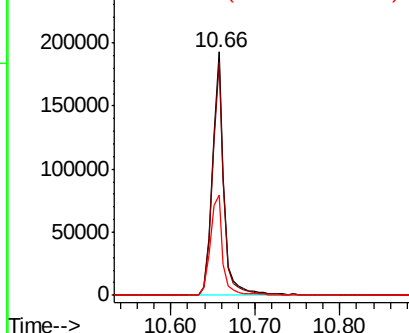
#42
 2,4,6-Tribromophenol
 Concen: 163.777 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Instrument :
 BNA_F
 ClientSampleId :
 T4-1-4-(0-1.5)

Tot Ion:330 Resp: 187440
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.9 115.3
 141 45.0 31.4 47.2

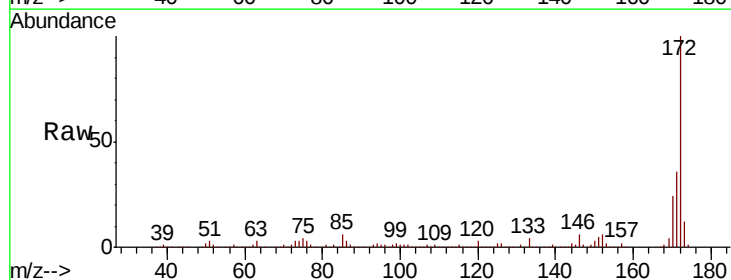


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

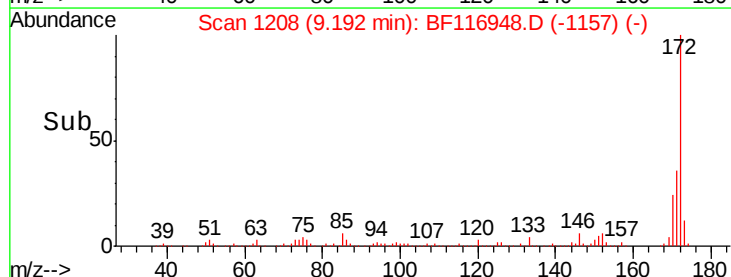
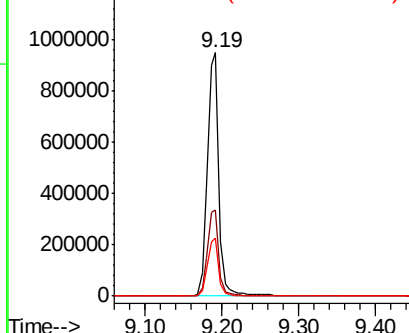


#45
 2-Fluorobiphenyl
 Concen: 95.917 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Tgt Ion:172 Resp: 973422
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.6
 170 23.7 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

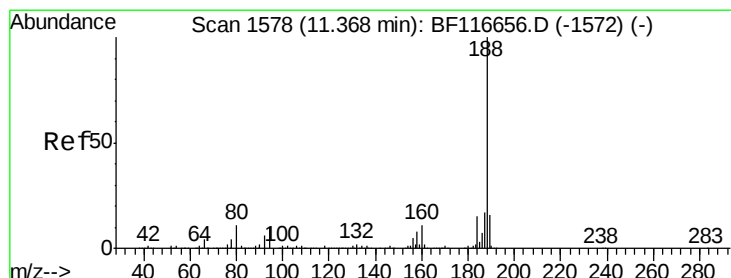
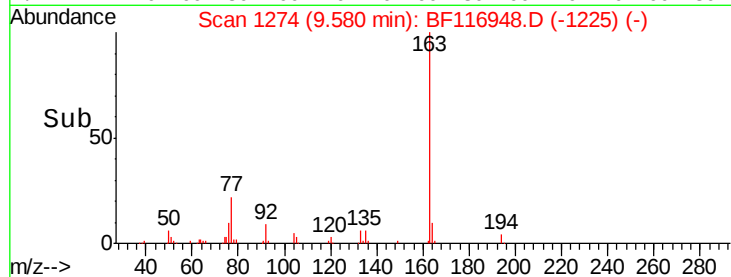
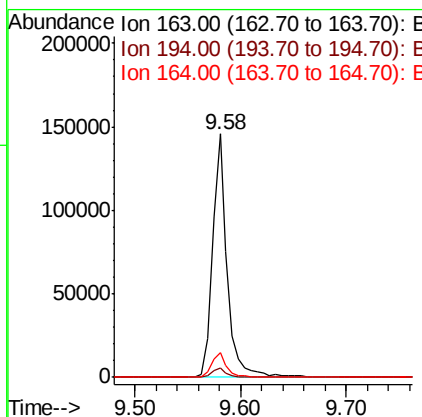
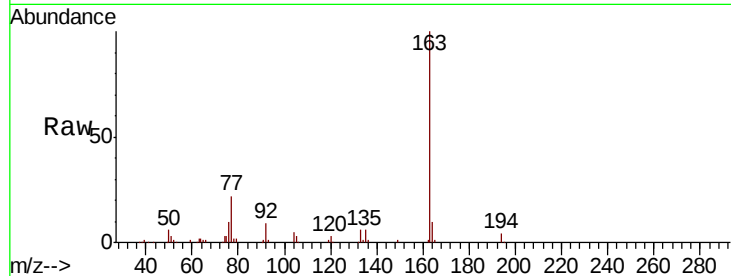




#50
Dimethylphthalate
Concen: 12.025 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

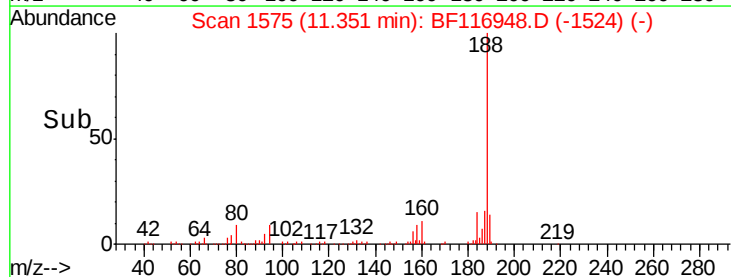
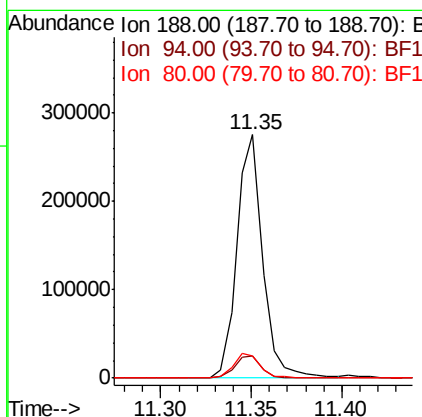
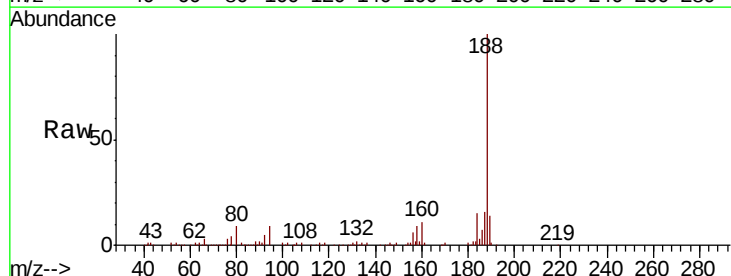
Instrument :
BNA_F
ClientSampleId :
T4-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	10.1	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.4	8.4	12.6

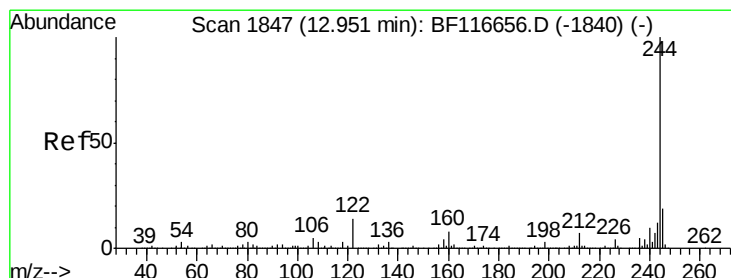
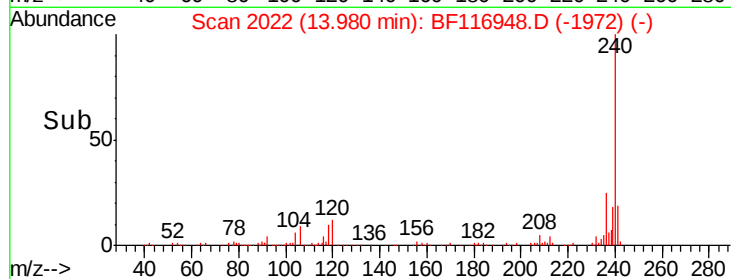
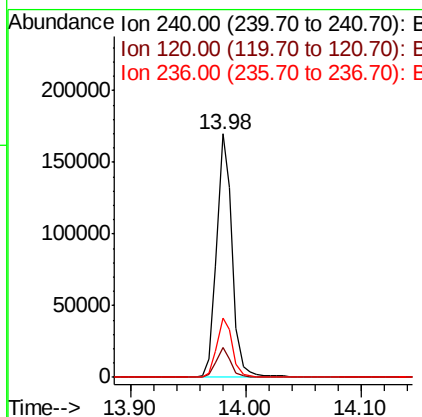
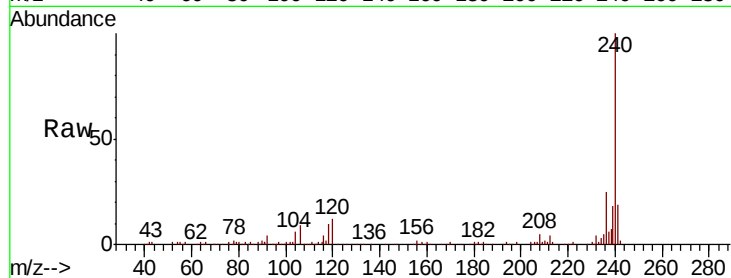




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

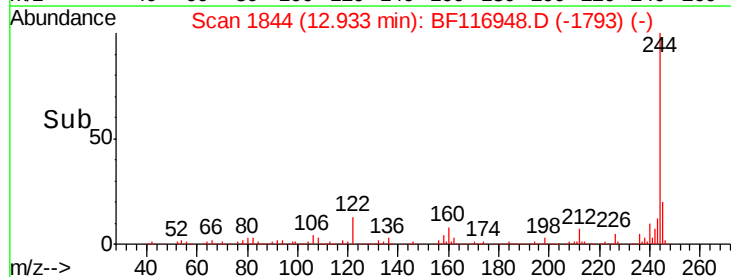
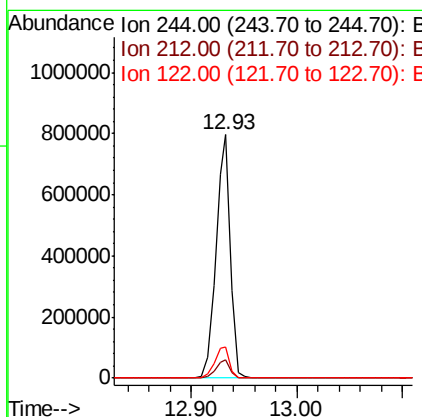
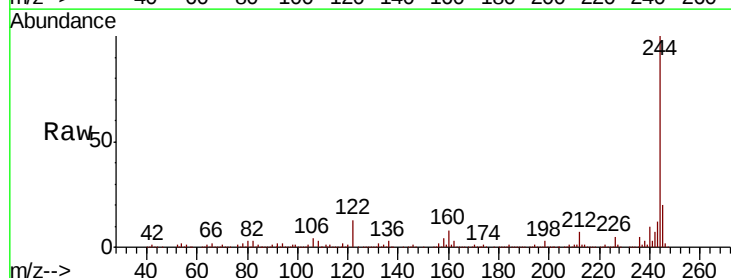
Instrument :
BNA_F
ClientSampleId :
T4-1-4-(0-1.5)

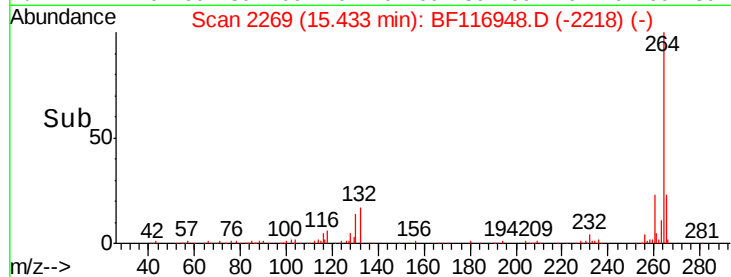
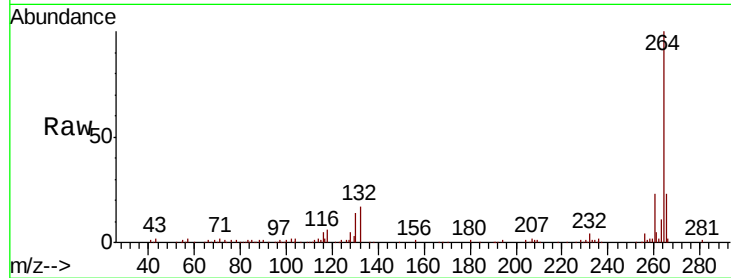
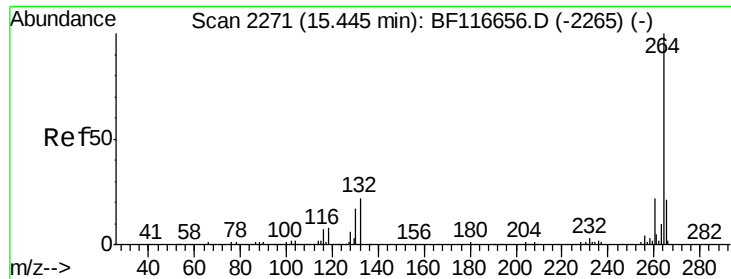
Tot Ion:240 Resp: 157775
Ion Ratio Lower Upper
240 100
120 12.1 9.1 13.7
236 24.6 21.1 31.7



#79
Terphenyl-d14
Concen: 89.515 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Tgt Ion:244 Resp: 763441
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.9 10.2 15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Instrument :
 BNA_F
 ClientSampleId :
 T4-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	23.0	16.5	24.7

