

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116956.D
 Acq On : 11 Sep 2019 19:47
 Operator : HP/JU
 Sample : K4786-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Sep 12 07:23:06 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

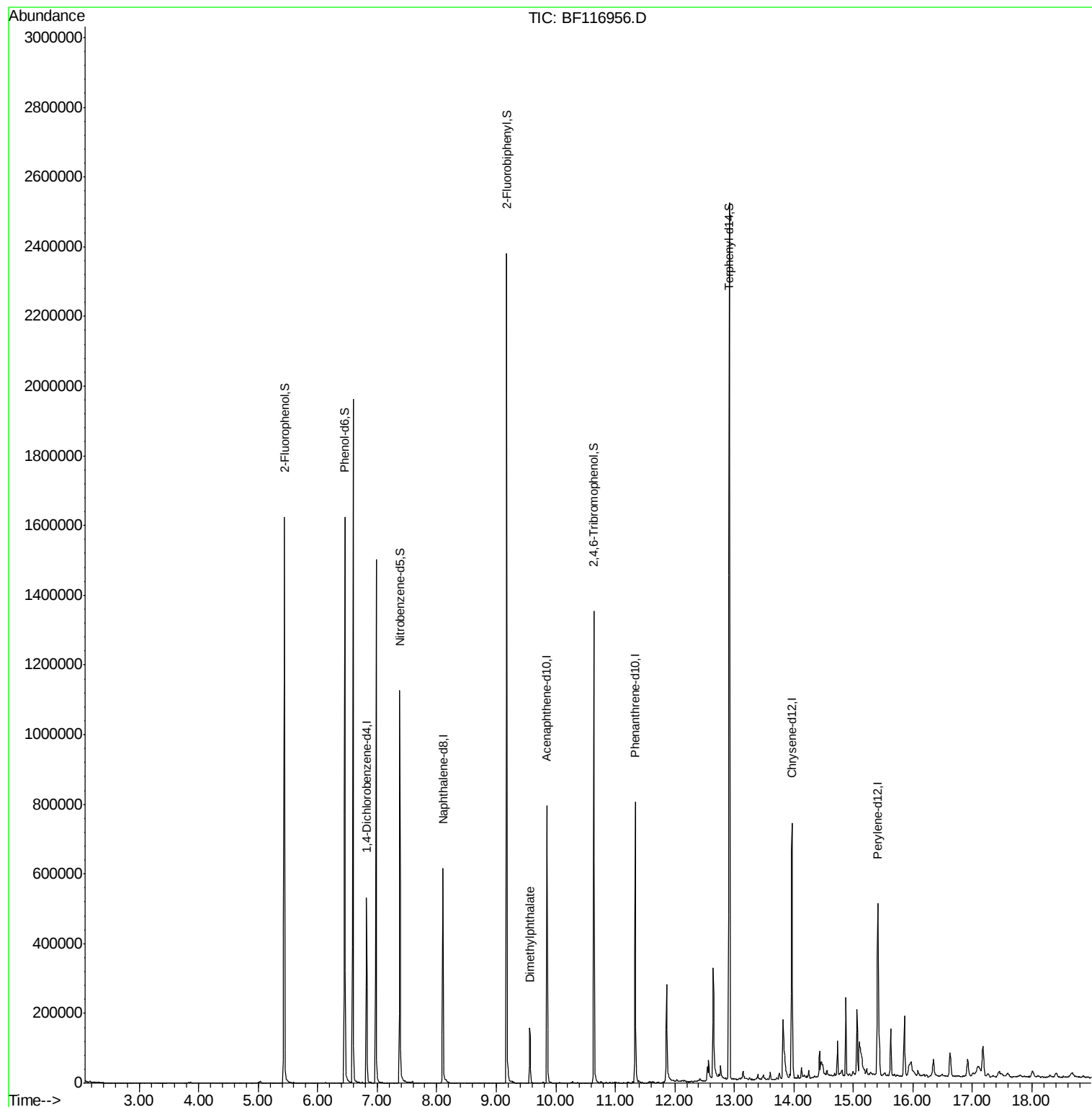
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75370	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	313132	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	169085	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	285800	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	236951	20.00	ng	-0.02
87) Perylene-d12	15.41	264	223471	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	449575	96.63	ng	-0.01
7) Phenol-d6	6.46	99	613503	100.43	ng	-0.02
23) Nitrobenzene-d5	7.38	82	374683	68.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	138248	122.30	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	701600	70.00	ng	-0.02
79) Terphenyl-d14	12.92	244	791547	61.80	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	69456	5.950	ng	Qvalue 100

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

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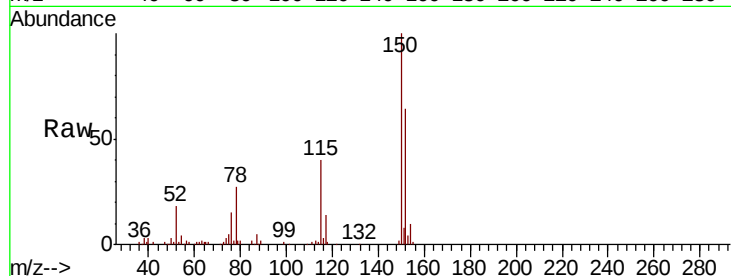


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116956.D
Acq: 11 Sep 2019 19:47

Instrument :
BNA_F
ClientSampleId :
TP4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.4	186.6
115	62.7	49.9	74.9

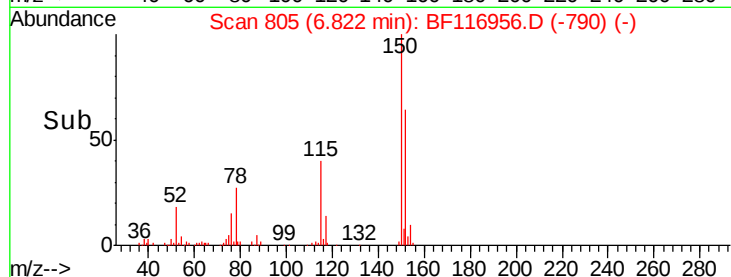
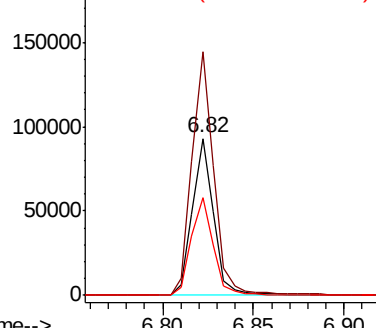


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

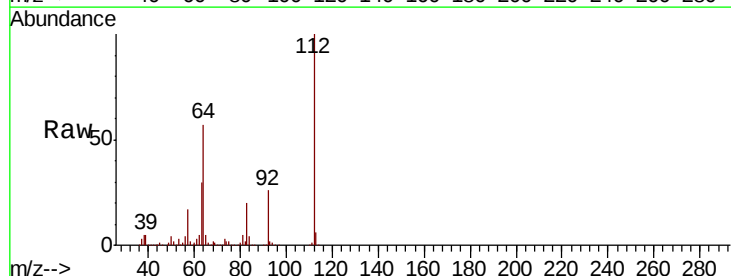
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.635 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF116956.D
Acq: 11 Sep 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.1	70.7
63	30.0	24.9	37.3

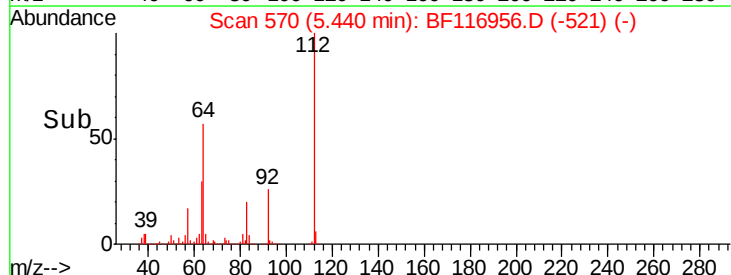
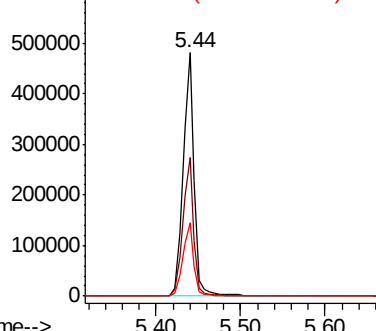


Abundance

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: 100.426 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116956.D

Acq: 11 Sep 2019 19:47

Instrument :

BNA_F

ClientSampleId :

TP4

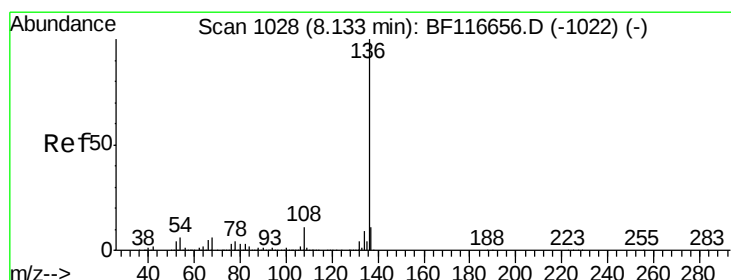
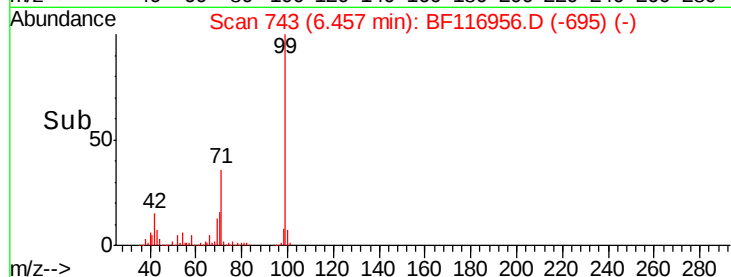
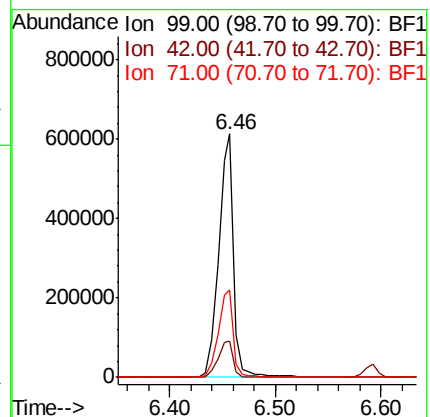
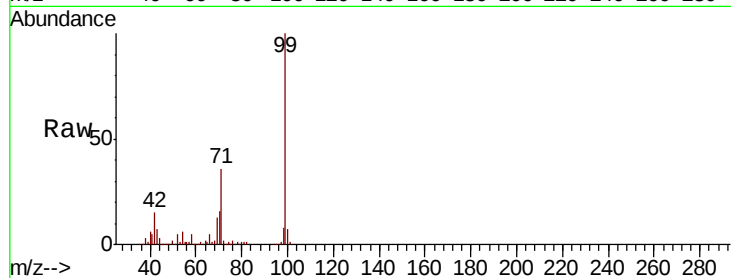
Tot Ion: 99 Resp: 613503

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

71 36.0 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116956.D

Acq: 11 Sep 2019 19:47

Tgt Ion: 136 Resp: 313132

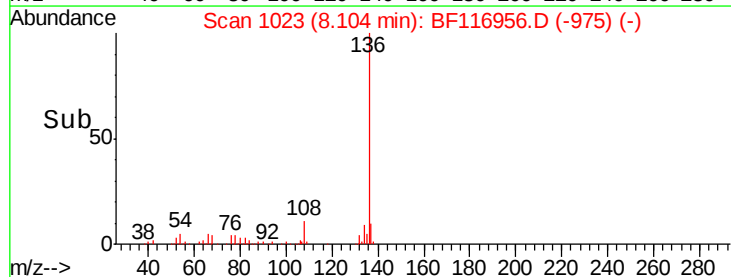
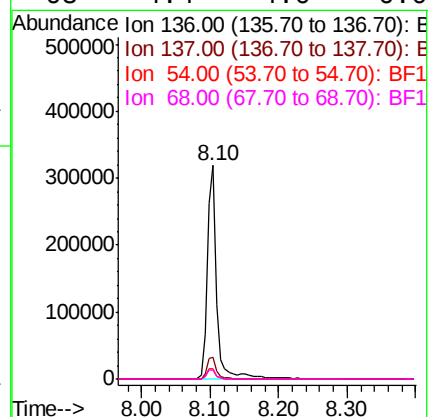
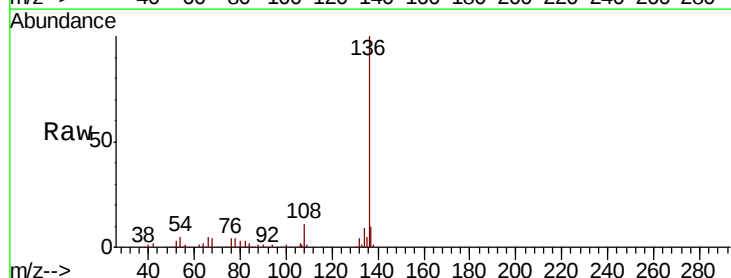
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 5.0 4.8 7.2

68 4.4 4.0 6.0

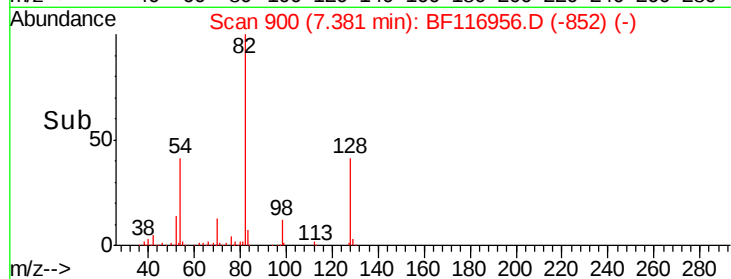
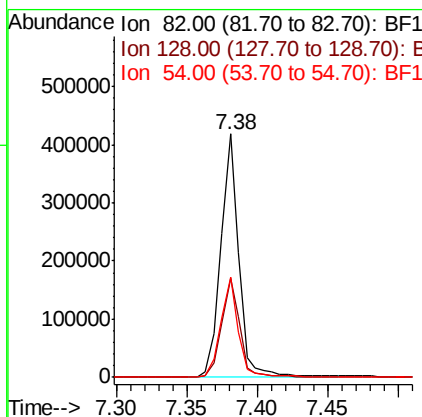
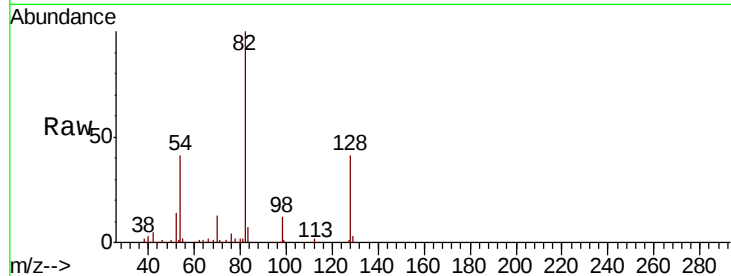




#23
 Nitrobenzene-d5
 Concen: 68.309 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF116956.D
 Acq: 11 Sep 2019 19:47

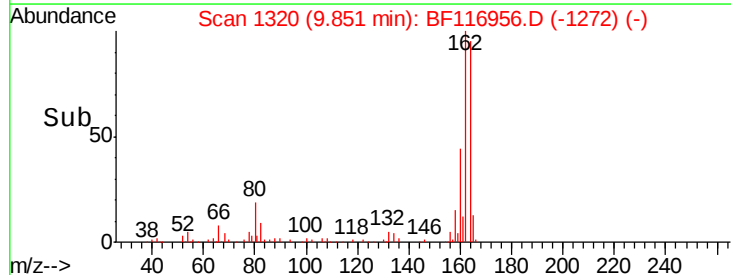
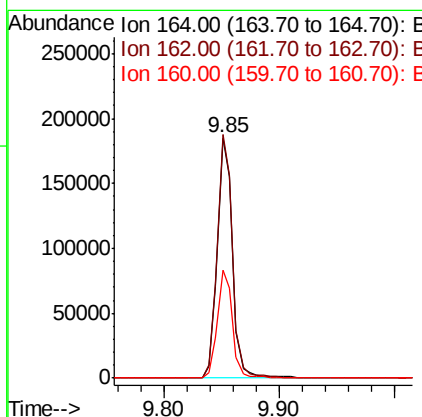
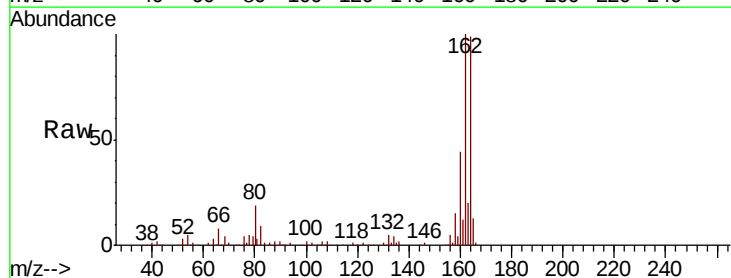
Instrument :
 BNA_F
 ClientSampleId :
 TP4

Tot Ion	82	Resp	374683
Ion Ratio	Lower	Upper	
82	100		
128	40.7	32.8	49.2
54	41.4	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF116956.D
 Acq: 11 Sep 2019 19:47

Tgt Ion	164	Resp	169085
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.4	122.0
160	45.0	35.4	53.2

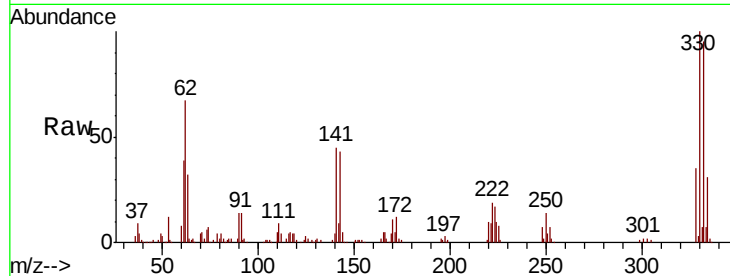




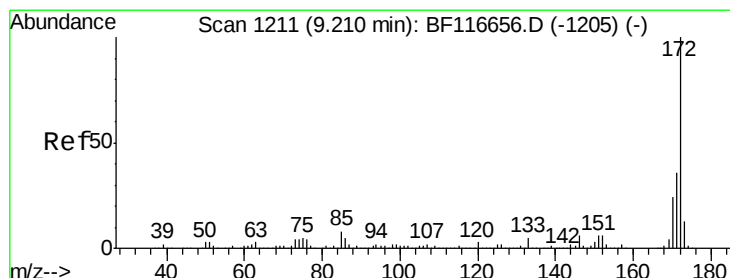
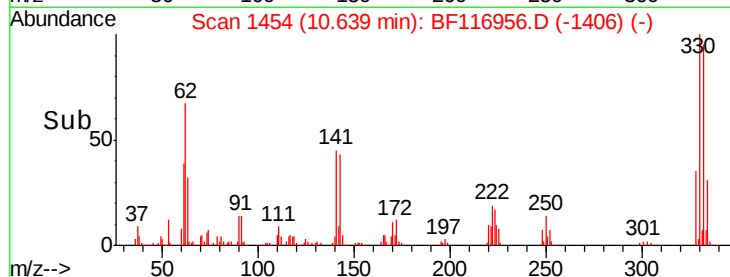
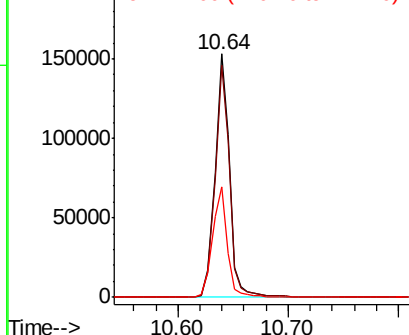
#42
 2,4,6-Tribromophenol
 Concen: 122.303 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF116956.D
 Acq: 11 Sep 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Tot Ion:330 Resp: 138248
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.9 115.3
 141 45.3 31.4 47.2

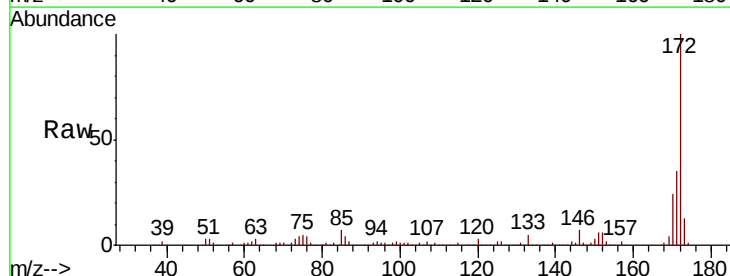


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

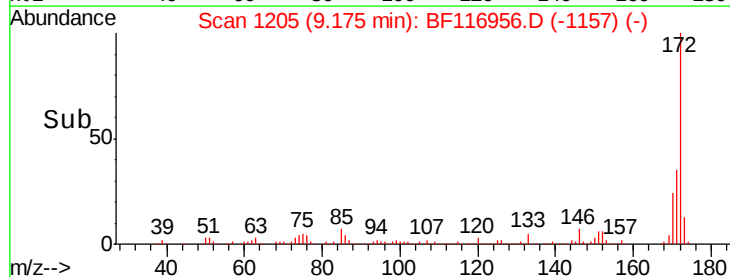
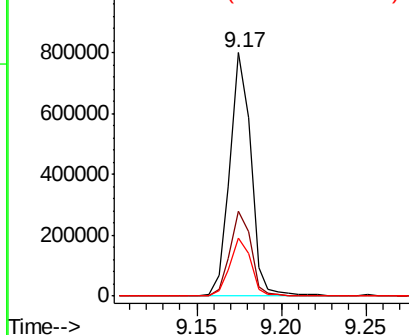


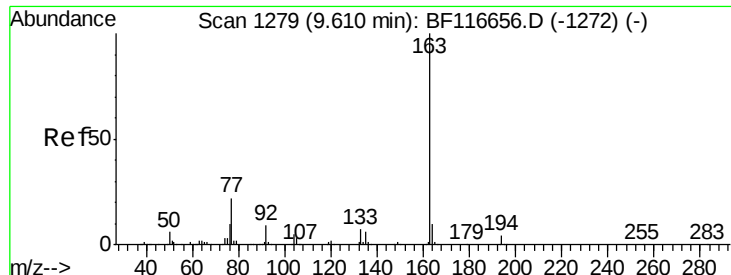
#45
 2-Fluorobiphenyl
 Concen: 69.996 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF116956.D
 Acq: 11 Sep 2019 19:47

Tgt Ion:172 Resp: 701600
 Ion Ratio Lower Upper
 172 100
 171 34.7 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

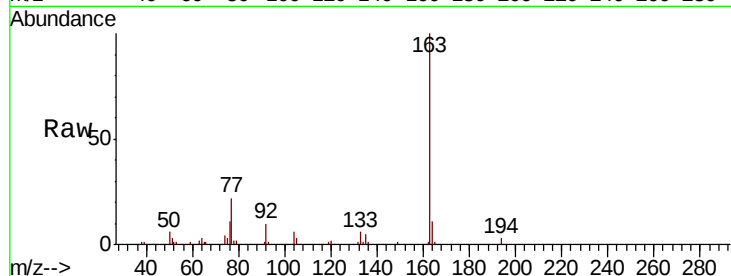




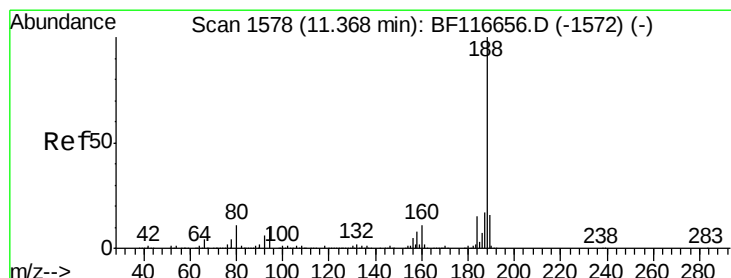
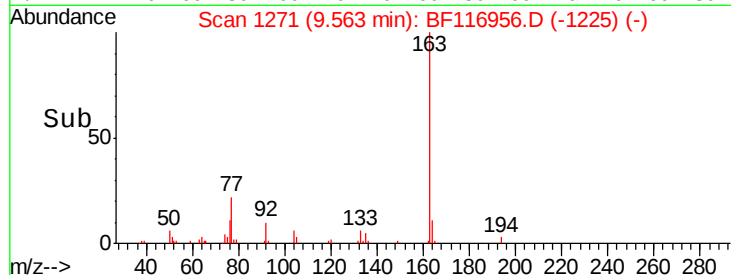
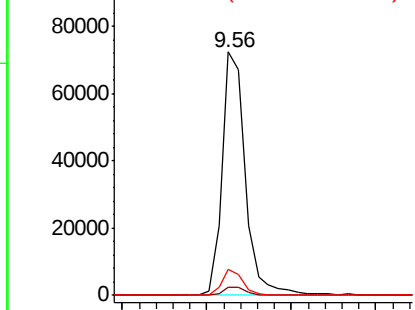
#50
Dimethylphthalate
Concen: 5.950 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF116956.D
Acq: 11 Sep 2019 19:47

Instrument :
BNA_F
ClientSampleId :
TP4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.6	8.6	12.8

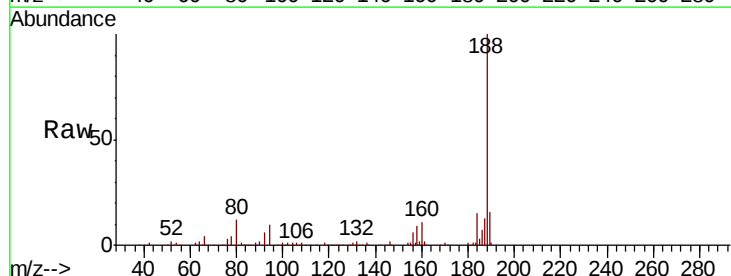


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

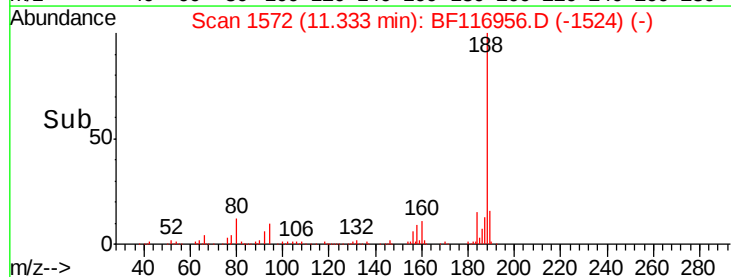
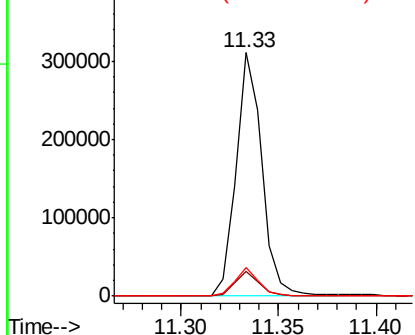


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF116956.D
Acq: 11 Sep 2019 19:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.3	10.9
80	11.6	8.4	12.6



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

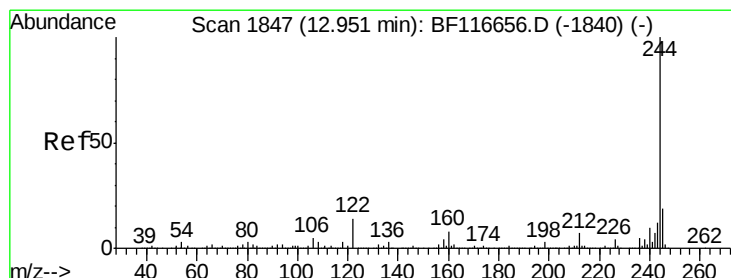
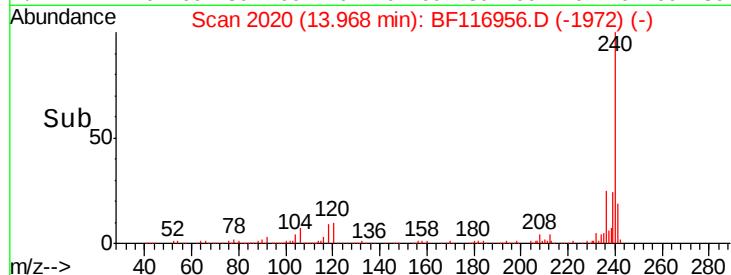
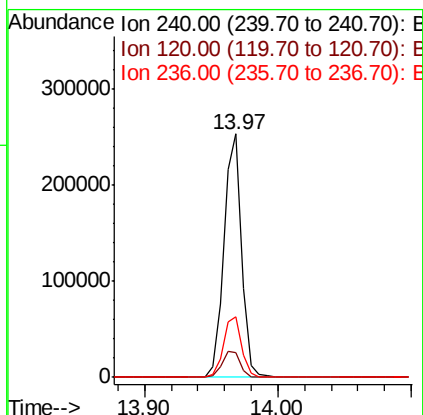
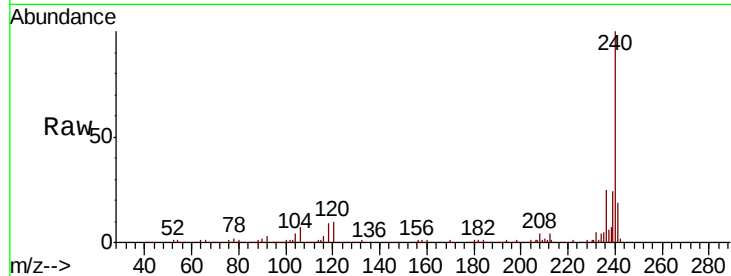




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116956.D
Acq: 11 Sep 2019 19:47

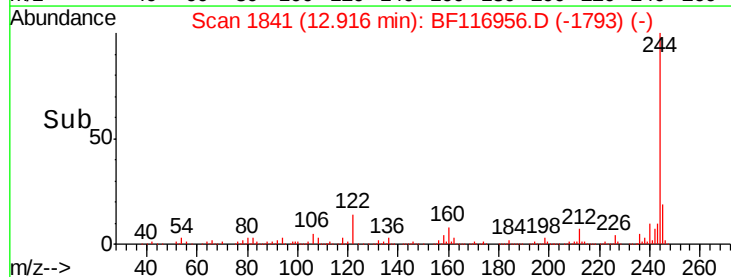
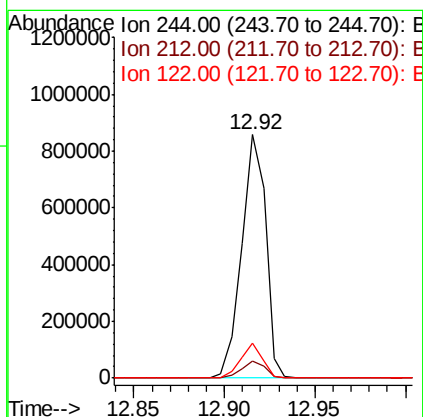
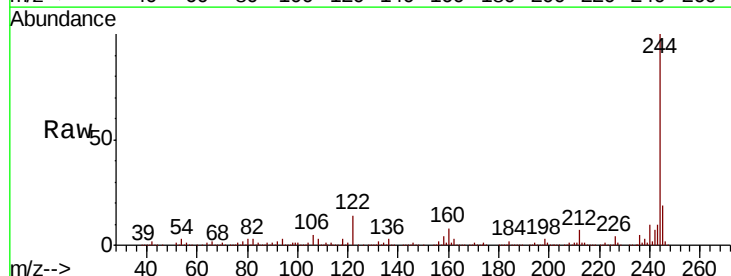
Instrument :
BNA_F
ClientSampleId :
TP4

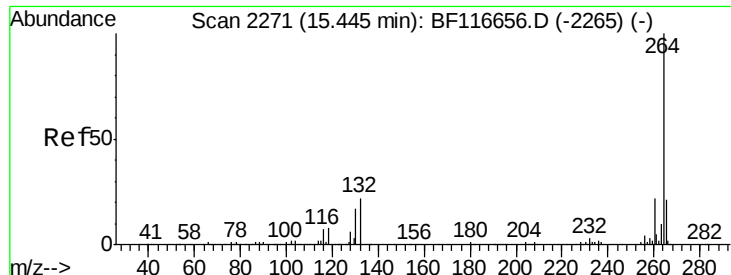
Tot Ion:240 Resp: 236951
Ion Ratio Lower Upper
240 100
120 10.0 9.1 13.7
236 25.0 21.1 31.7



#79
Terphenyl-d14
Concen: 61.798 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF116956.D
Acq: 11 Sep 2019 19:47

Tgt Ion:244 Resp: 791547
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 14.2 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116956.D
Acq: 11 Sep 2019 19:47

Instrument :
BNA_F
ClientSampleId :
TP4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.0	16.5	24.7

