

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116998.D
 Acq On : 12 Sep 2019 18:03
 Operator : HP/JU
 Sample : K4850-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7-(5)

Quant Time: Sep 13 08:10:18 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

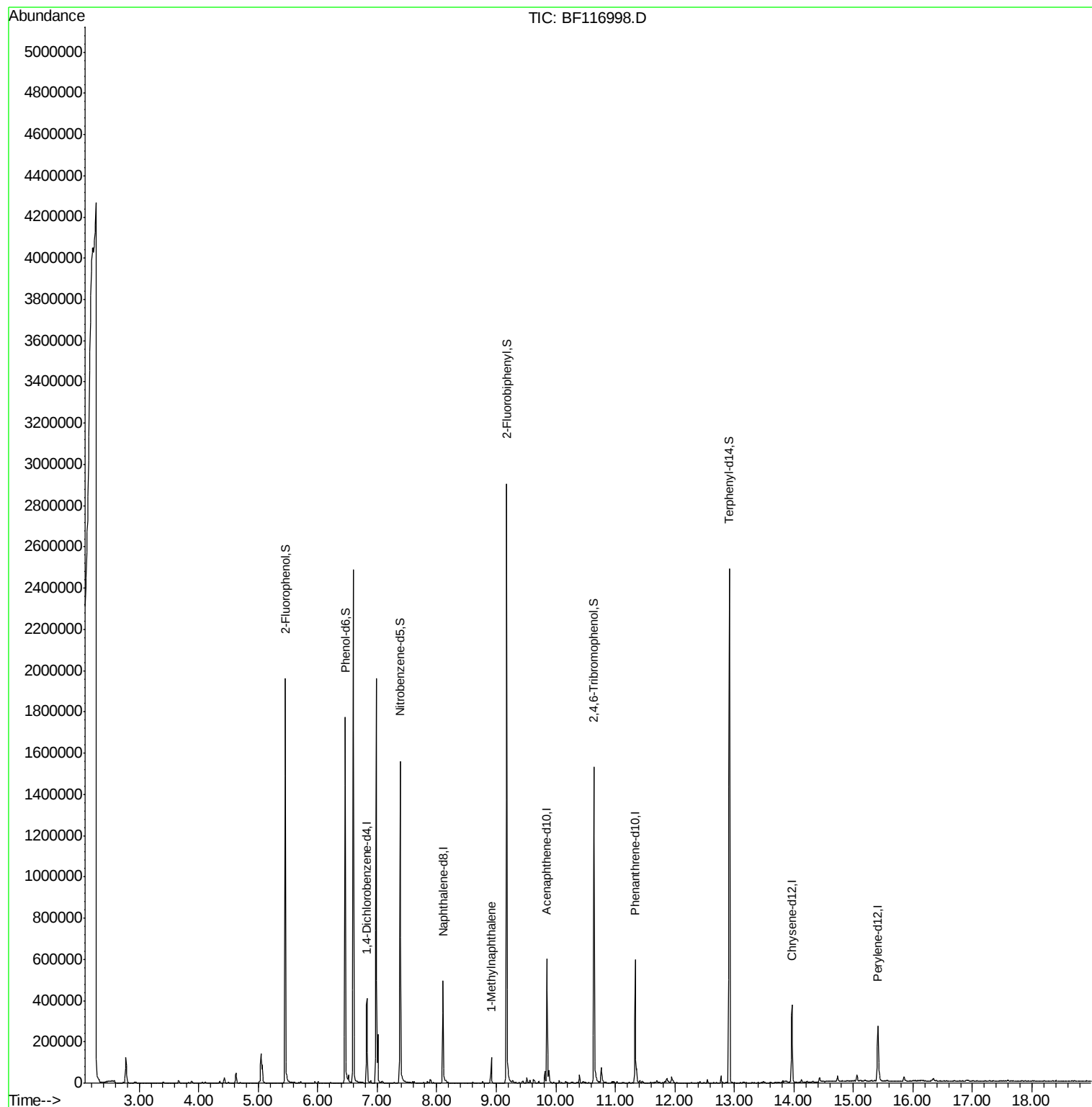
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	67373	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	257435	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	132496	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	210199	20.00	ng	0.00
76) Chrysene-d12	13.97	240	132317	20.00	ng	0.00
87) Perylene-d12	15.41	264	142534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	564739	135.80	ng	0.02
7) Phenol-d6	6.46	99	671211	122.91	ng	0.00
23) Nitrobenzene-d5	7.39	82	560293	124.25	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	181784	205.23	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	987042	125.67	ng	0.00
79) Terphenyl-d14	12.92	244	892860	124.83	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.92	142	39354	5.118	ng	Qvalue 99

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

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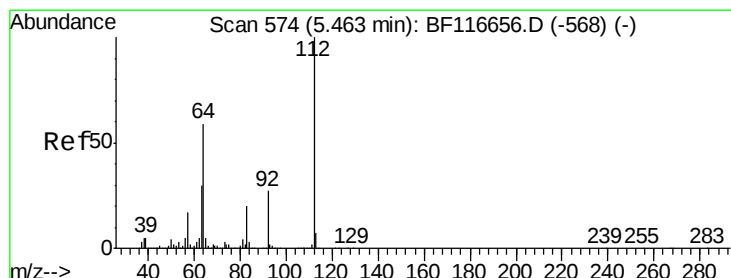
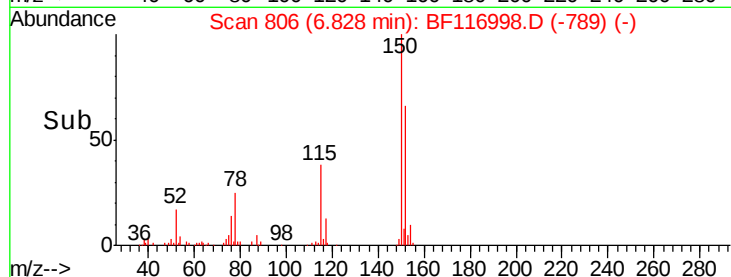
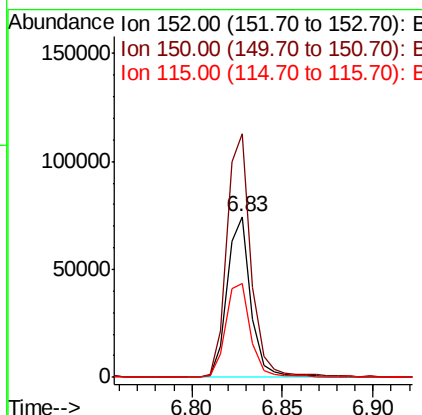
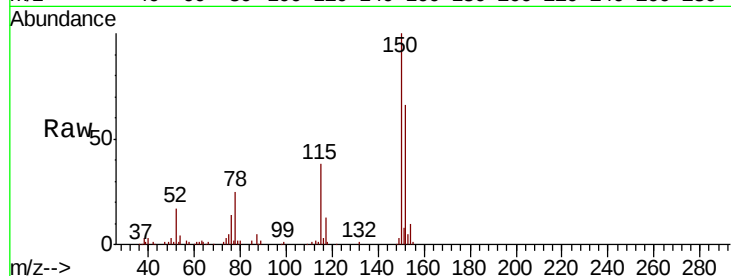


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF116998.D
Acq: 12 Sep 2019 18:03

Instrument :
BNA_F
ClientSampleId :
AOC-7(-5)

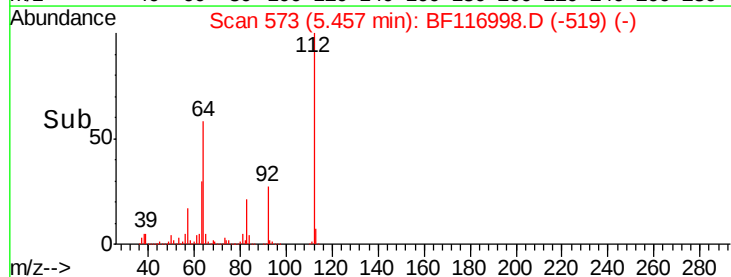
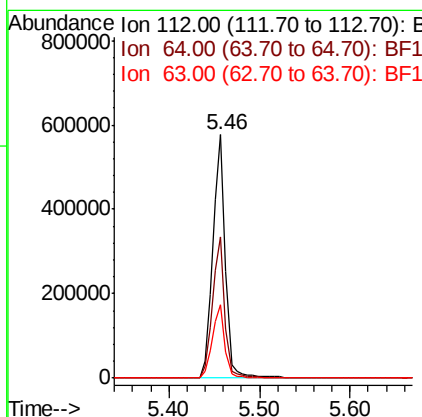
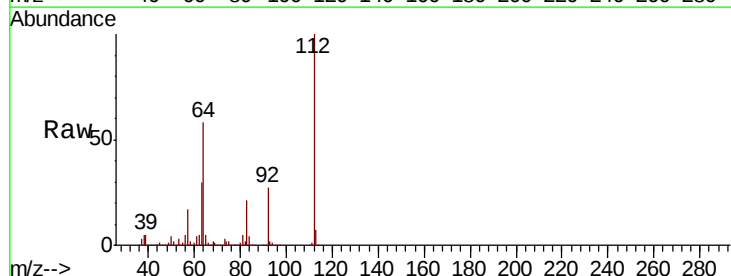
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	58.4	50.2	75.2



#5

2-Fluorophenol
Concen: 135.798 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF116998.D
Acq: 12 Sep 2019 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.1	70.7
63	30.2	25.4	38.0





#7

Phenol-d6

Concen: 122.914 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116998.D

Acq: 12 Sep 2019 18:03

Instrument :

BNA_F

ClientSampleId :

AOC-7(-5)

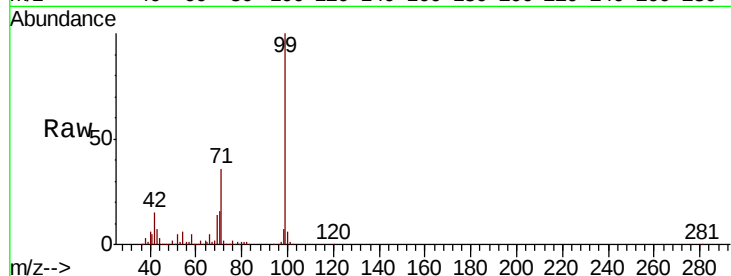
Tot Ion: 99 Resp: 671211

Ion Ratio Lower Upper

99 100

42 15.1 12.0 18.0

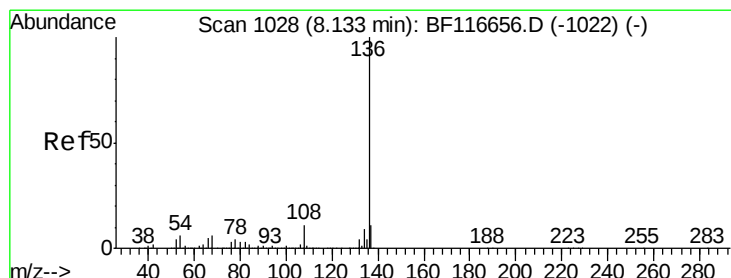
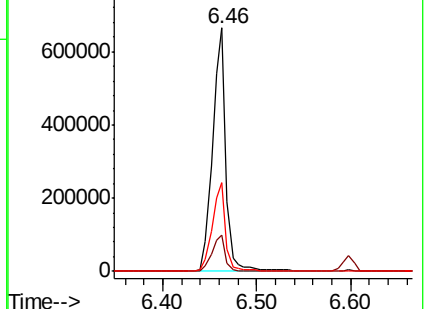
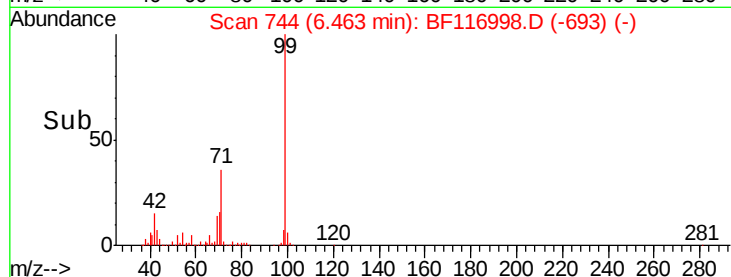
71 36.4 29.7 44.5



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: BF116998.D

Acq: 12 Sep 2019 18:03

Tgt Ion: 136 Resp: 257435

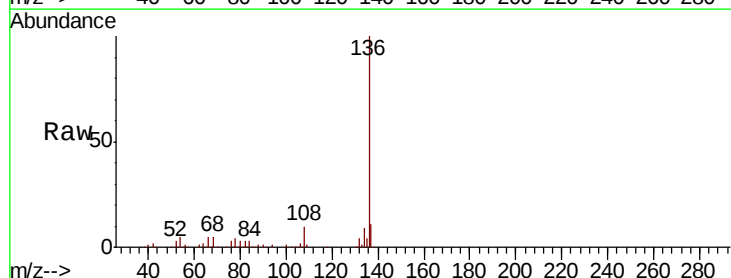
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 5.1 3.8 5.8

68 4.7 3.6 5.4

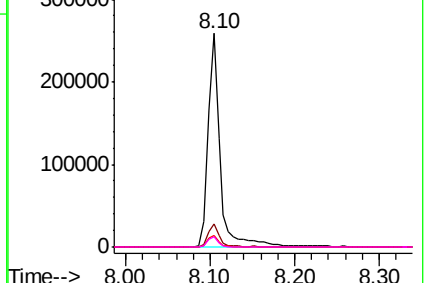
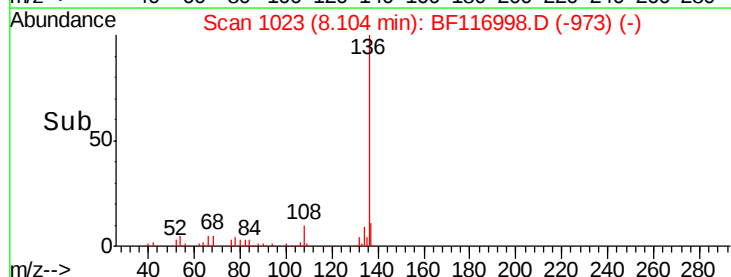


Abundance Ion 136.00 (135.70 to 136.70): E

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

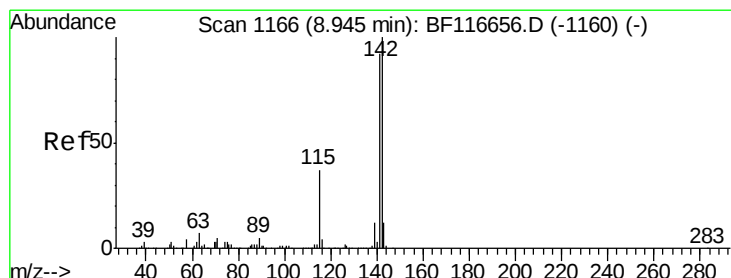
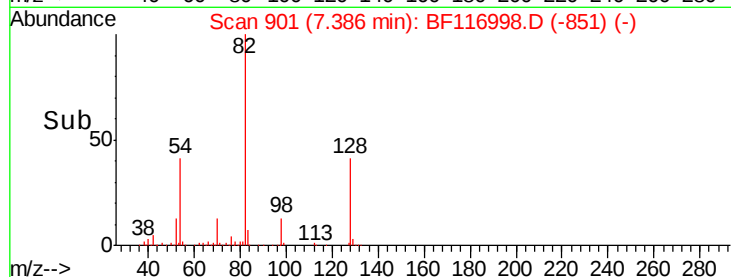
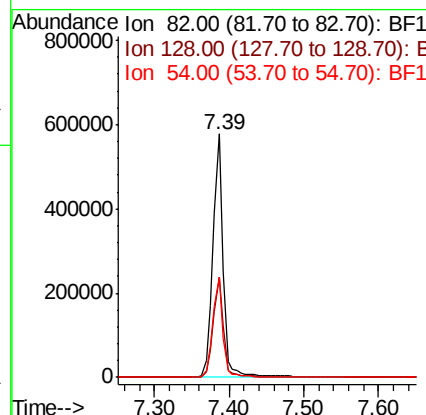
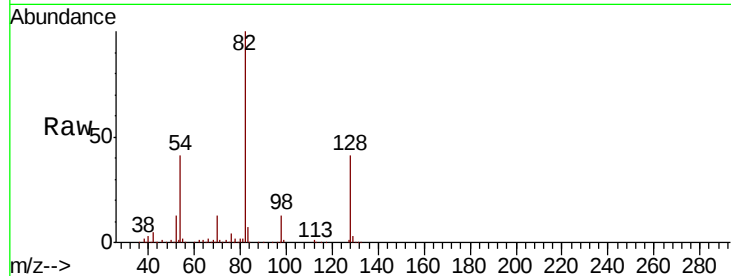




#23
 Nitrobenzene-d5
 Concen: 124.247 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116998.D
 Acq: 12 Sep 2019 18:03

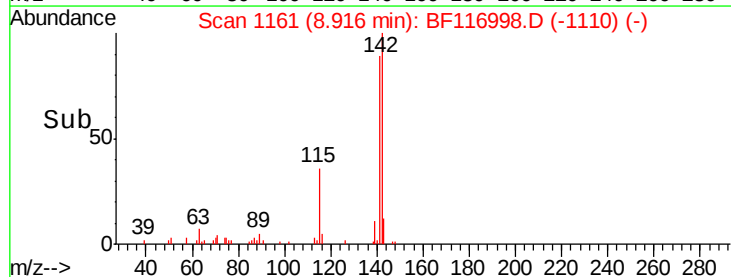
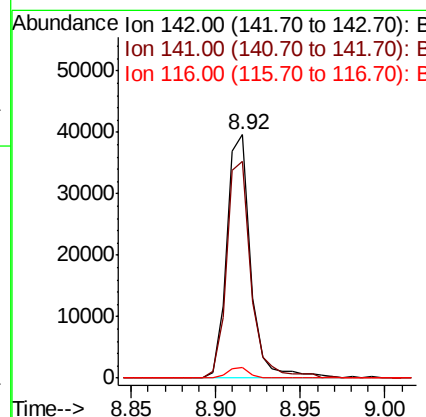
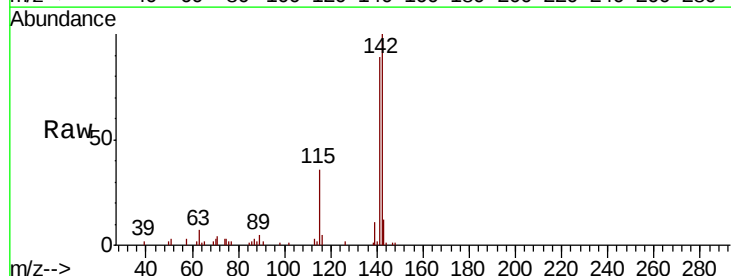
Instrument :
 BNA_F
 ClientSampleId :
 AOC-7(5)

Tot Ion	82	Resp	560293
Ion Ratio	100	Lower	Upper
128	41.3	35.0	52.4
54	41.1	32.6	48.8



#38
 1-Methylnaphthalene
 Concen: 5.118 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF116998.D
 Acq: 12 Sep 2019 18:03

Tgt Ion	142	Resp	39354
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
141	88.8	71.9	107.9
116	4.5	3.2	4.8

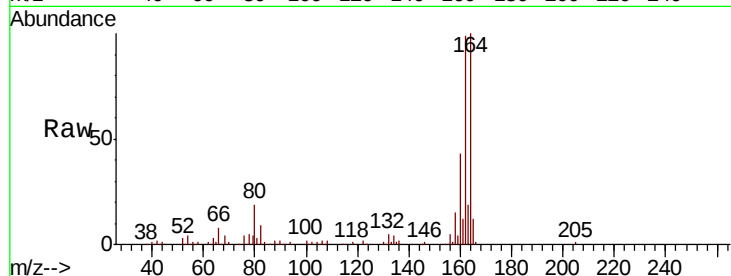




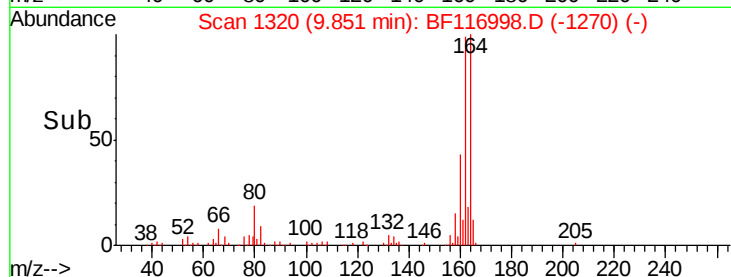
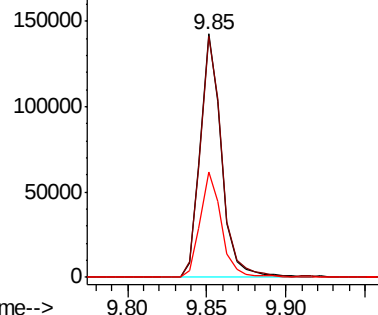
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116998.D
Acq: 12 Sep 2019 18:03

Instrument :
BNA_F
ClientSampleId :
AOC-7(5)

Tot Ion:164 Resp: 132496
Ion Ratio Lower Upper
164 100
162 99.1 81.8 122.6
160 43.3 35.7 53.5

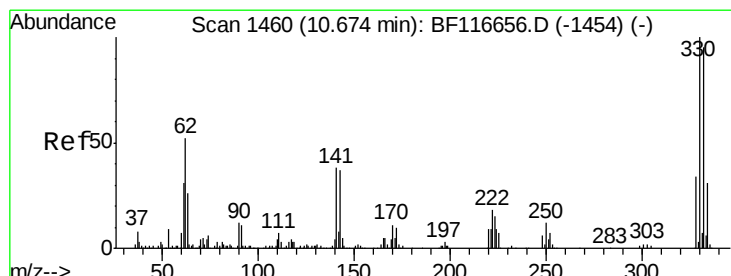


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

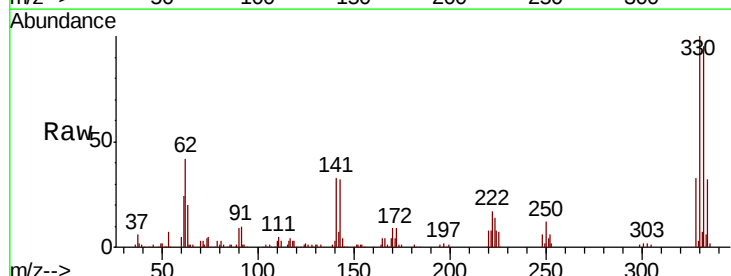
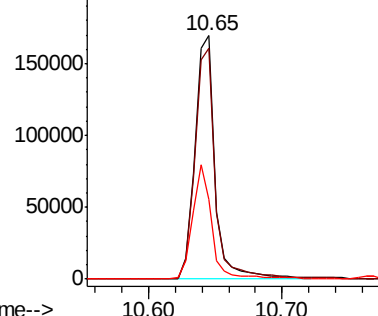


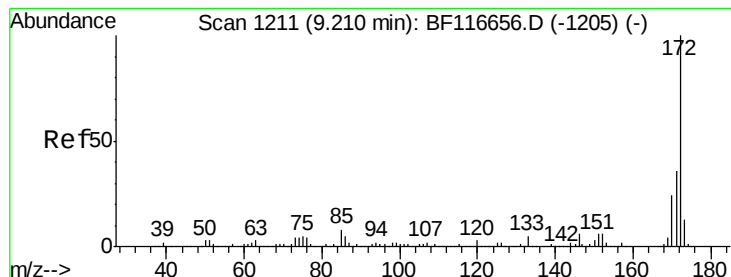
#42
2,4,6-Tribromophenol
Concen: 205.228 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF116998.D
Acq: 12 Sep 2019 18:03

Tgt Ion:330 Resp: 181784
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 44.7 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: 125.667 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF116998.D

Acq: 12 Sep 2019 18:03

Instrument :

BNA_F

ClientSampleId :

AOC-7(-5)

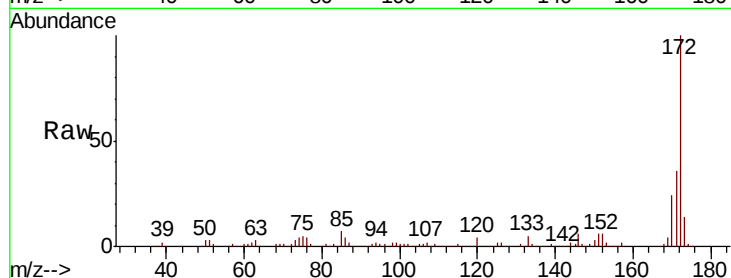
Tot Ion:172 Resp: 987042

Ion Ratio Lower Upper

172 100

171 35.7 29.1 43.7

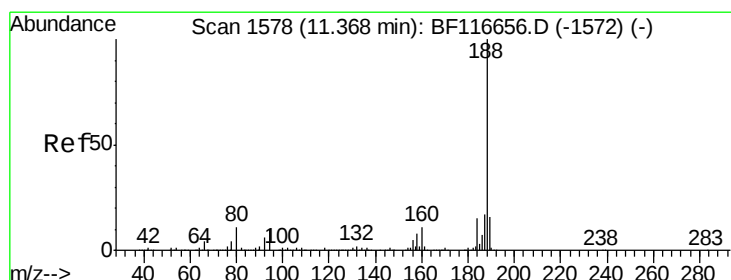
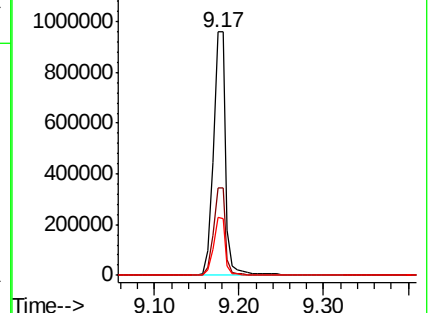
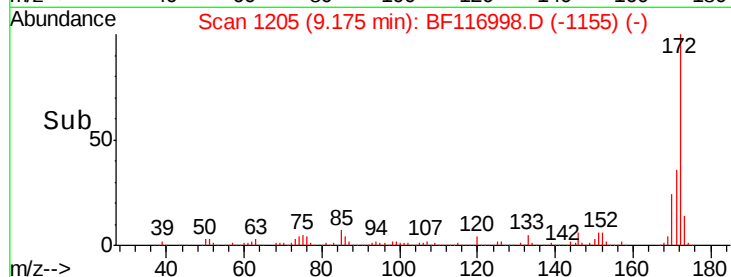
170 23.6 19.2 28.8



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF116998.D

Acq: 12 Sep 2019 18:03

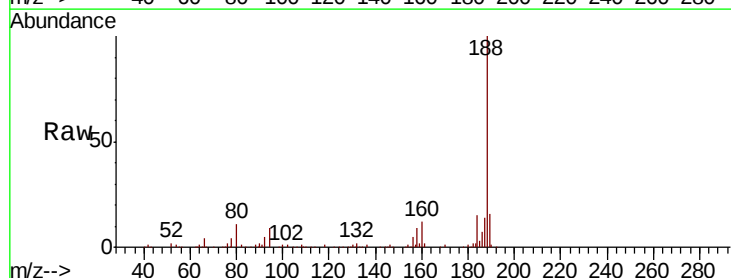
Tgt Ion:188 Resp: 210199

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

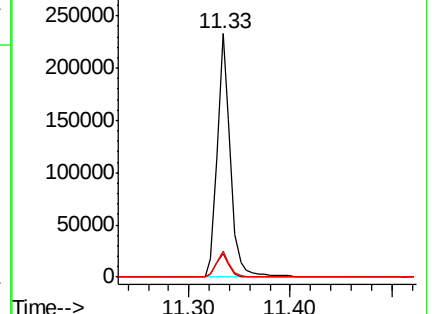
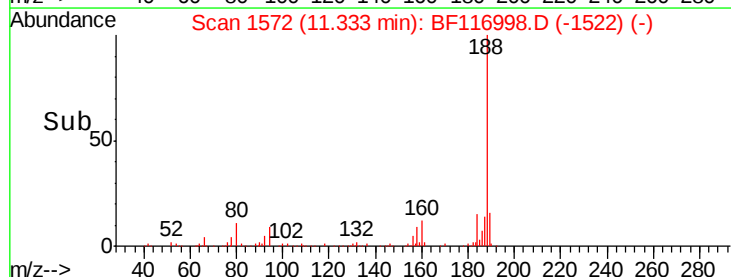
80 10.6 8.5 12.7



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

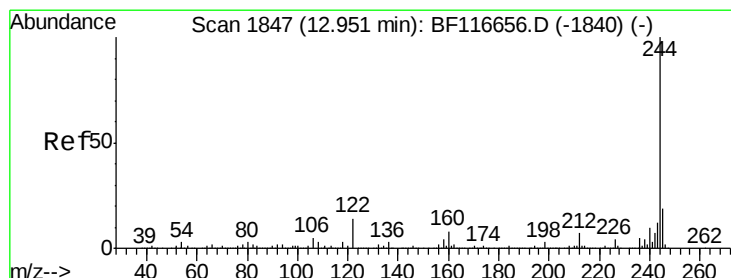
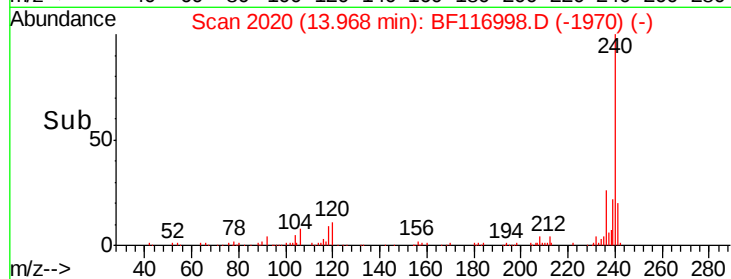
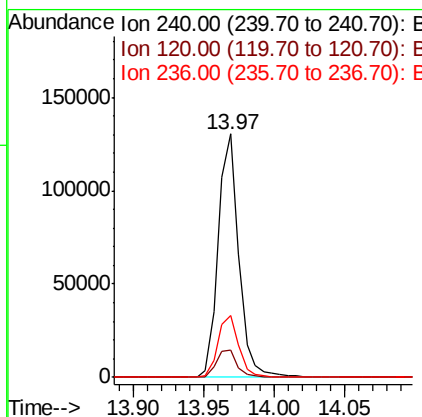
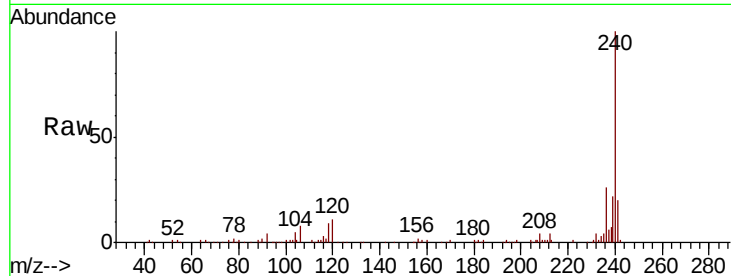




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116998.D
 Acq: 12 Sep 2019 18:03

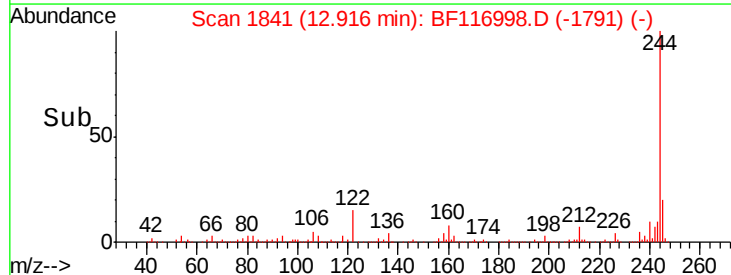
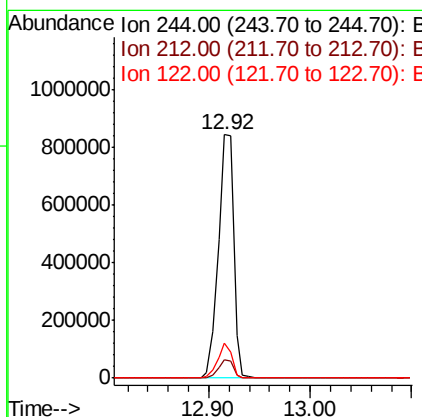
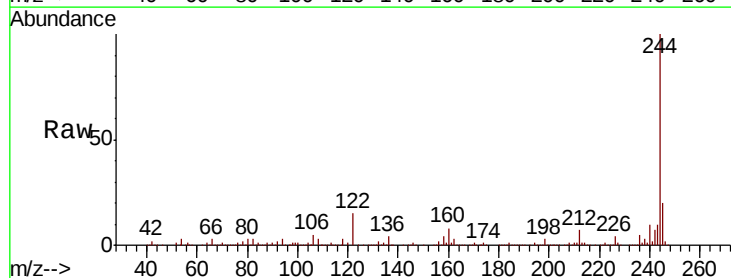
Instrument :
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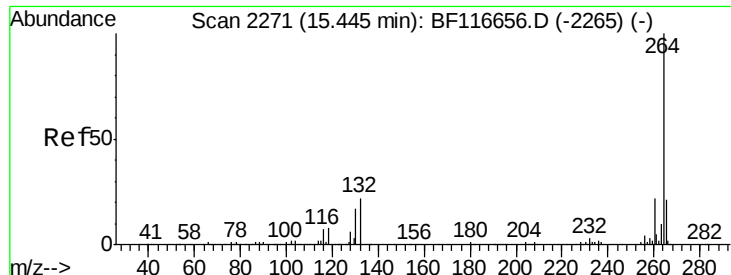
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.1	13.7
236	25.6	20.9	31.3



#79
 Terphenyl-d14
 Concen: 124.832 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF116998.D
 Acq: 12 Sep 2019 18:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	14.6	11.5	17.3

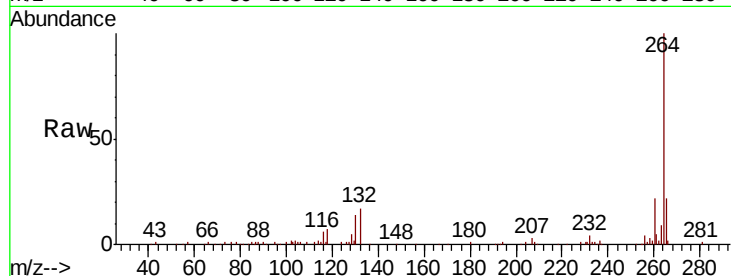




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF116998.D
 Acq: 12 Sep 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 AOC-7-(5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	21.8	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

