

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116298.D
 Acq On : 16 Aug 2019 00:19
 Operator : HP/JU
 Sample : K4356-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:13:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

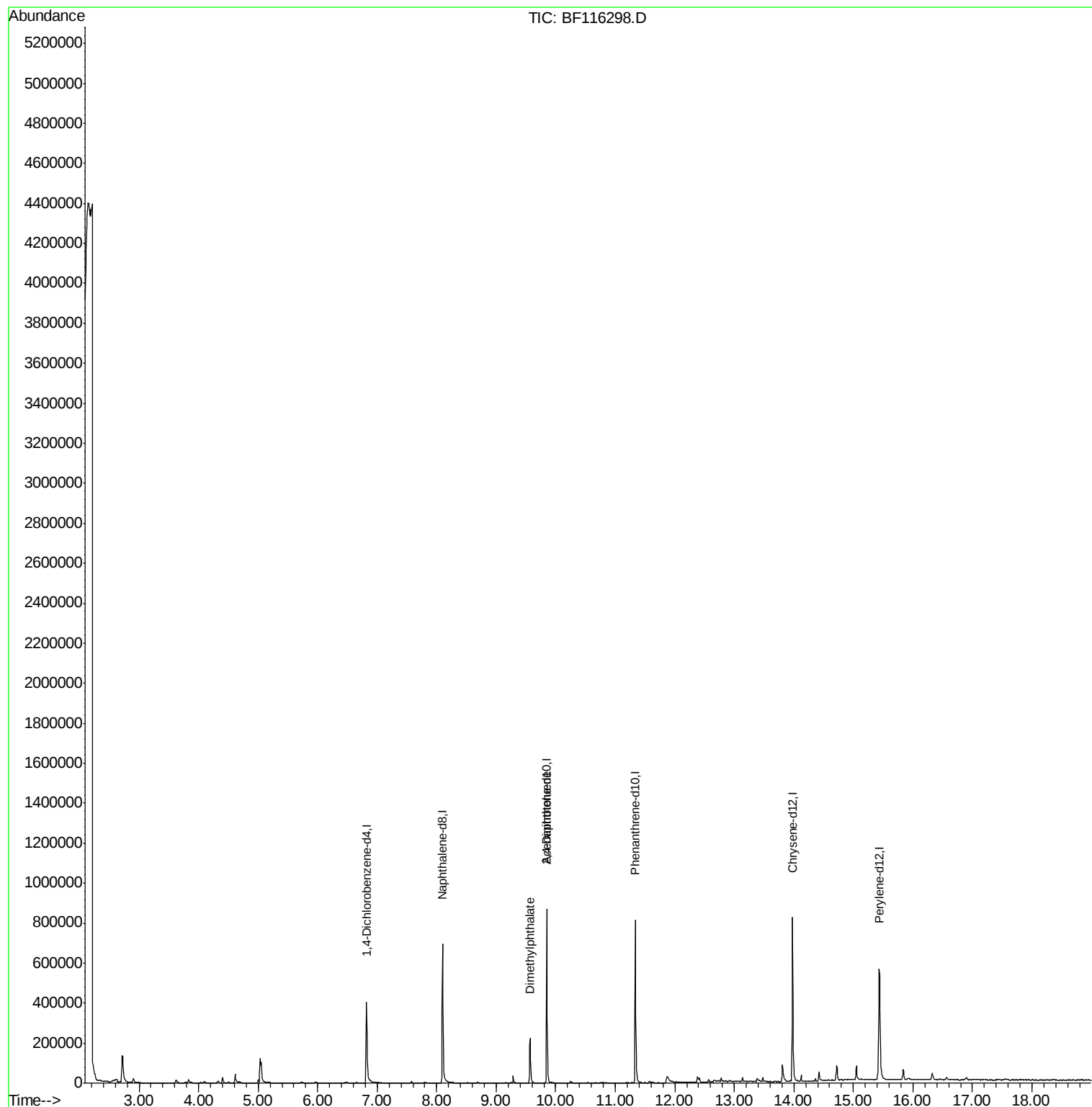
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	84854	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	360727	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	195434	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	365785	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	327124	20.00	ng	-0.04
87) Perylene-d12	15.43	264	327465	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.19	172	653	0.06	ng	-0.02
79) Terphenyl-d14	12.92	244	2885	0.19	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.57	163	120636	9.066	ng	100
57) 2,4-Dinitrotoluene	9.85	165	25041	6.504	ng	# 20

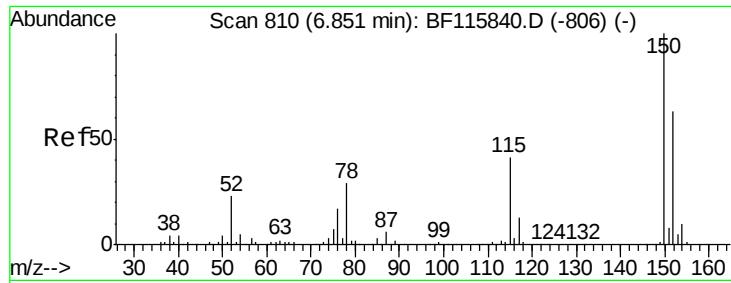
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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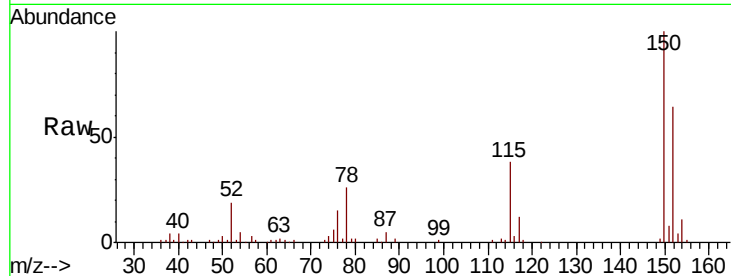


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	59.2	49.9	74.9

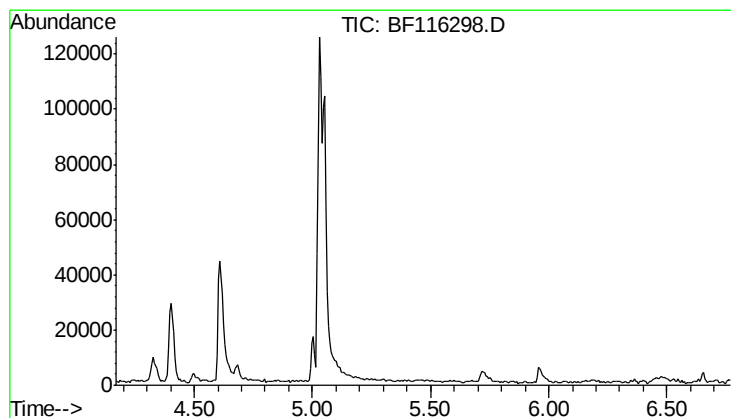
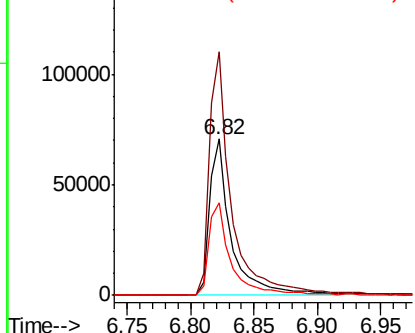
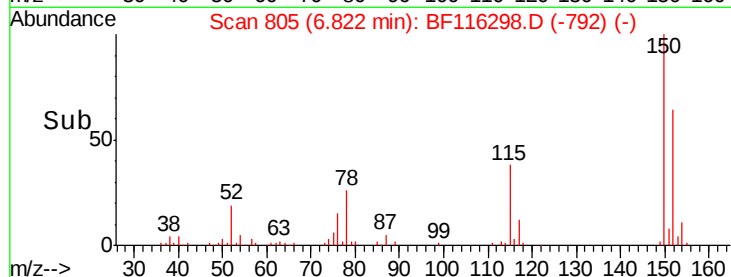


Abundance

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

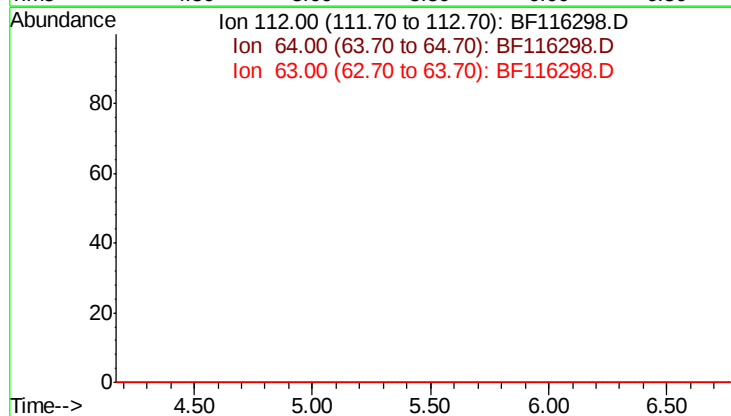


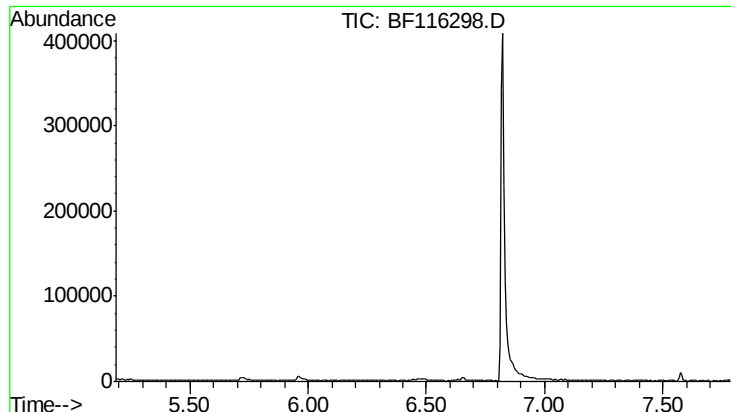
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min

Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Tgt Ion	Sig	Exp Ratio
112	100	
64	56.8	
63	29.6	

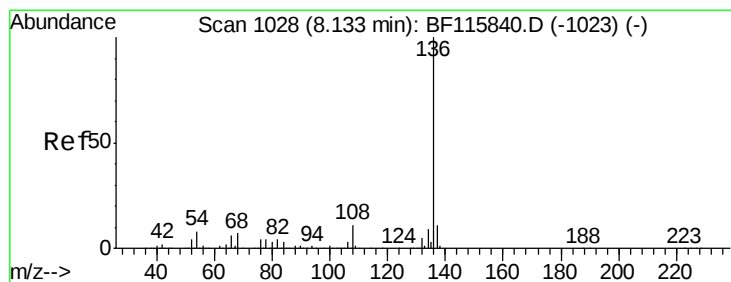
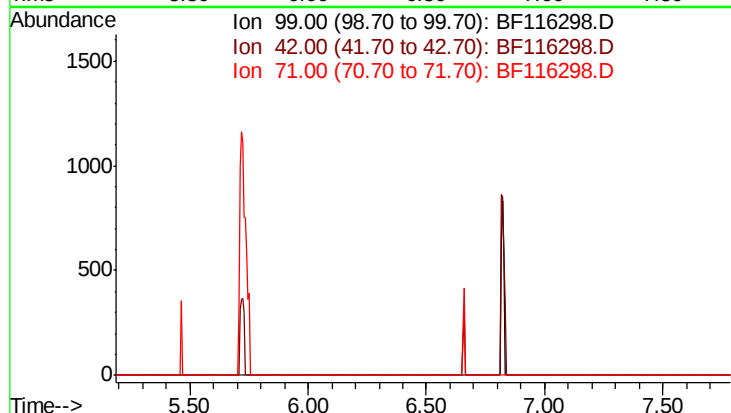




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Instrument :
 BNA_F
 ClientSampleId :

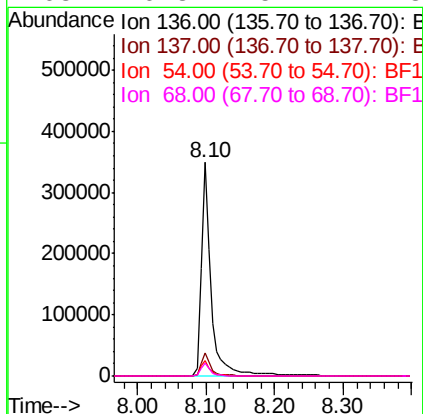
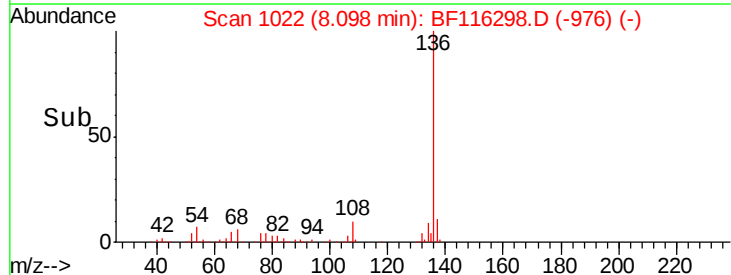
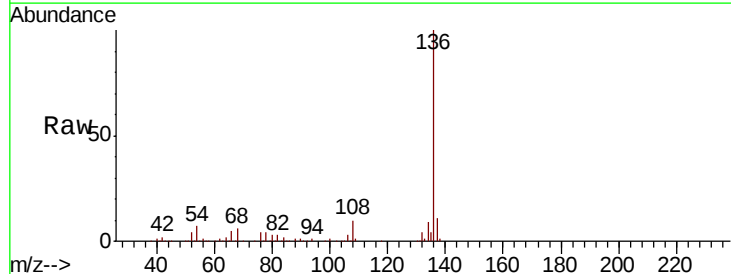
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1

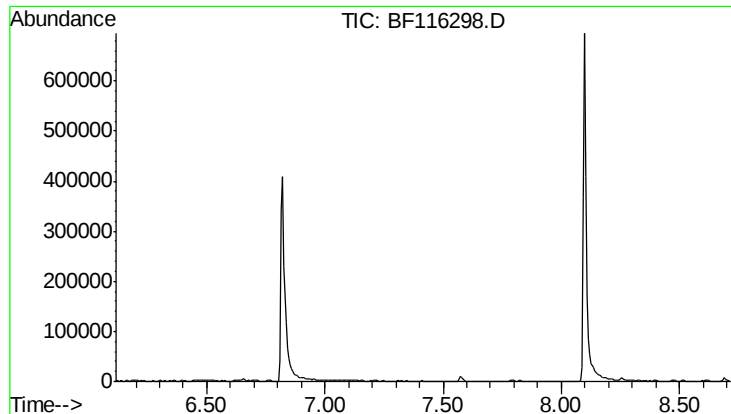


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Tgt Ion: 136 Resp: 360727

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.0	5.8	8.6
68	6.3	5.2	7.8

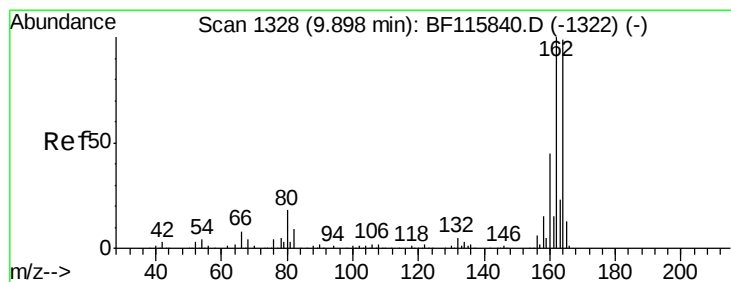
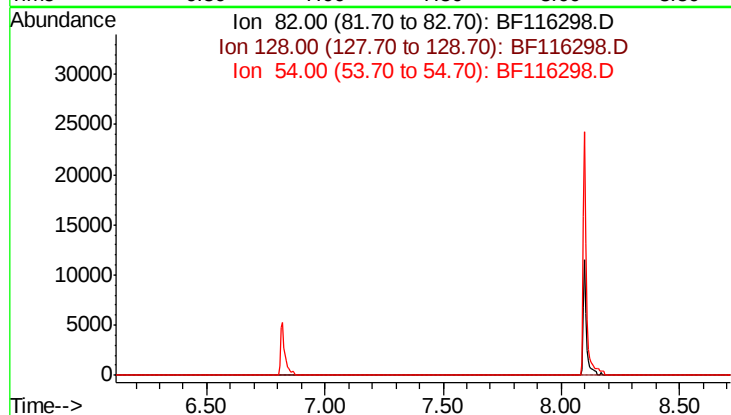




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

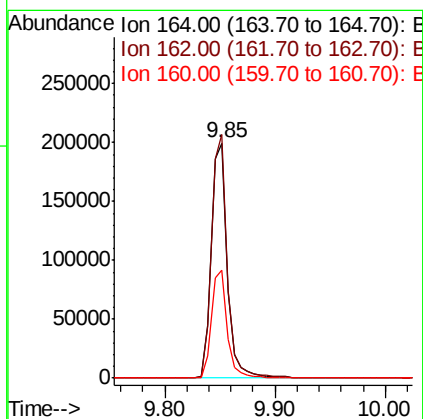
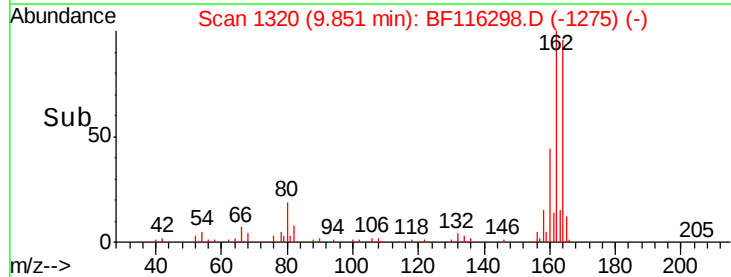
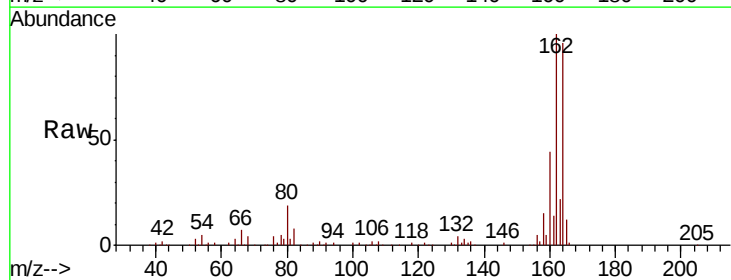
Instrument :
 BNA_F
 ClientSampleId :

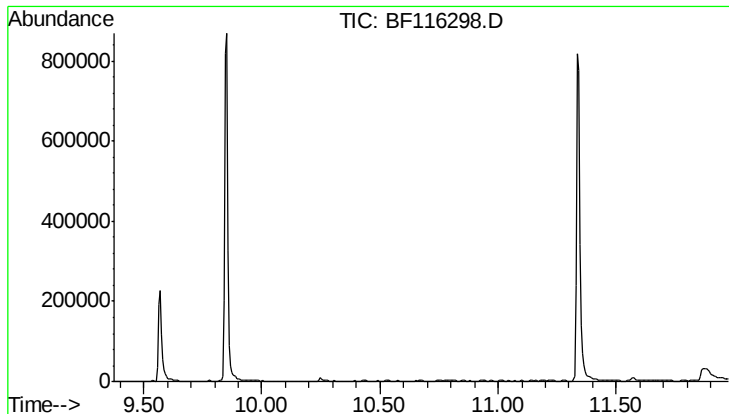
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Tgt Ion:164 Resp: 195434
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 124.0
 160 45.8 37.6 56.4

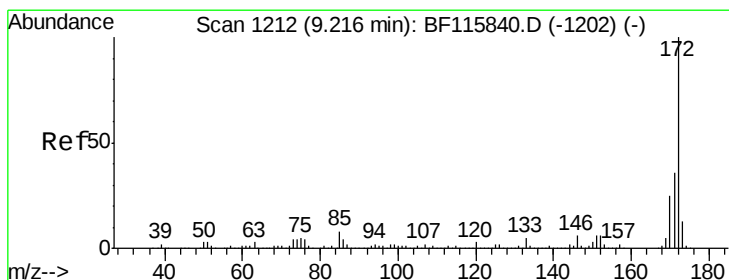
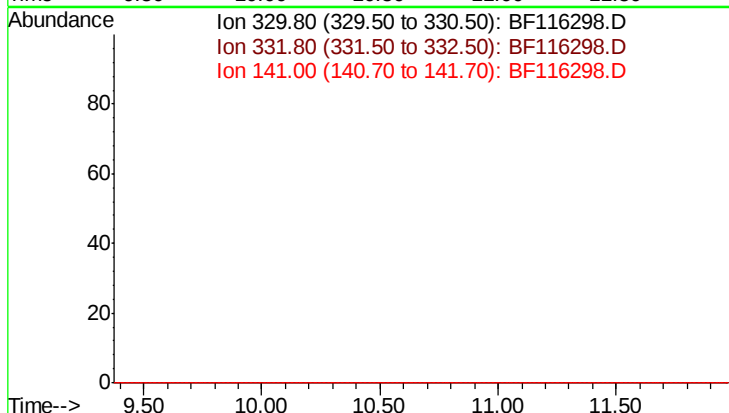




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.67 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

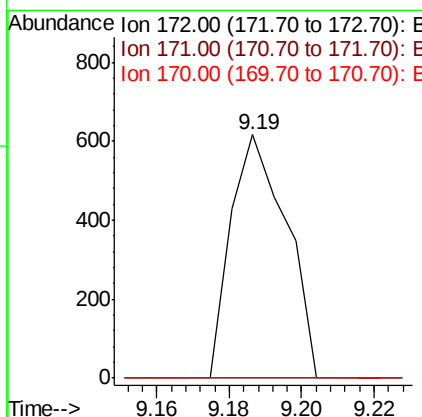
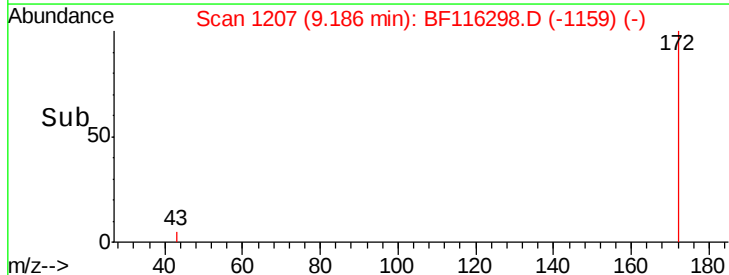
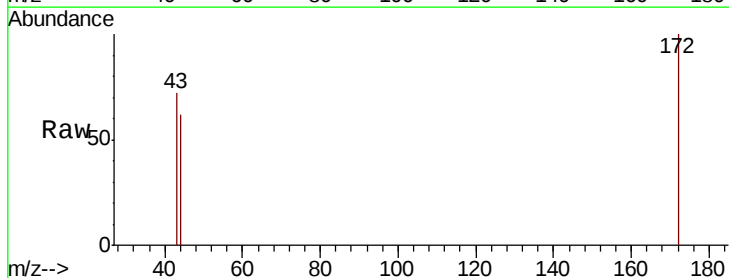
Instrument :
 BNA_F
 ClientSampleId :

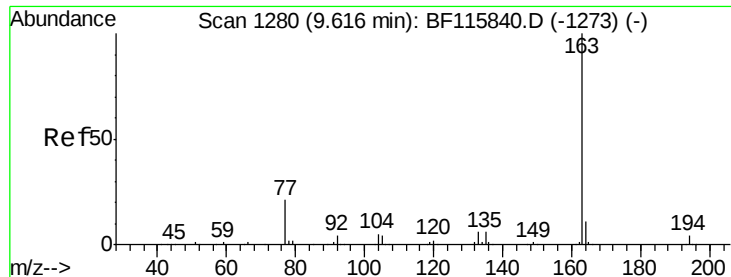
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 32.9



#45
 2-Fluorobiphenyl
 Concen: 0.063 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Tgt Ion: 172 Resp: 653
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.6 44.4#
 170 0.0 20.1 30.1#

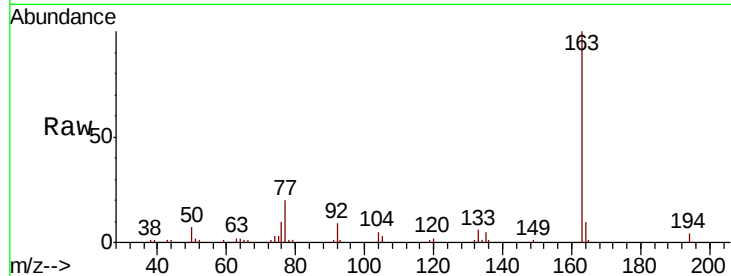




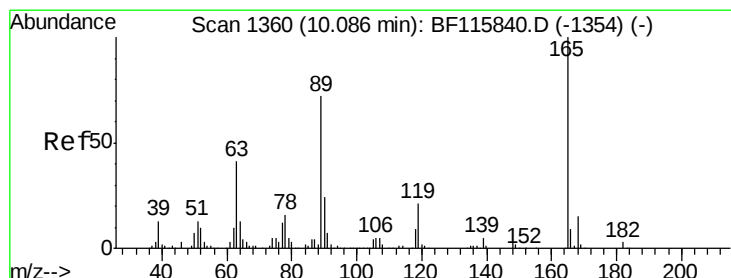
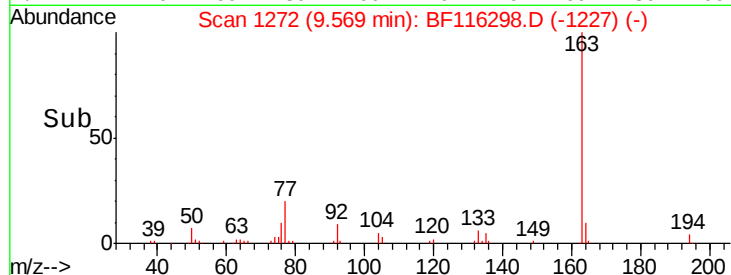
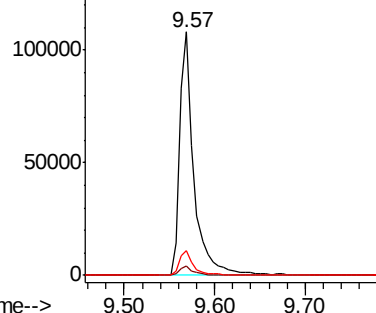
#50
Dimethylphthalate
Concen: 9.066 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116298.D
Acq: 16 Aug 2019 00:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.3	8.4	12.6



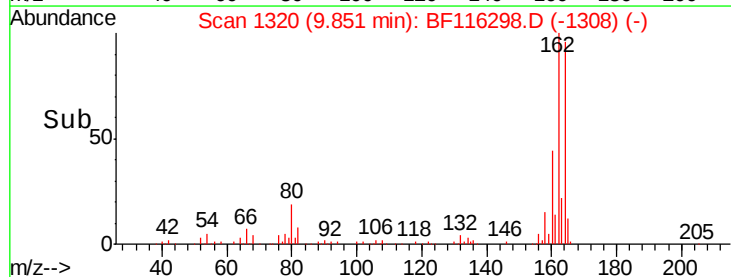
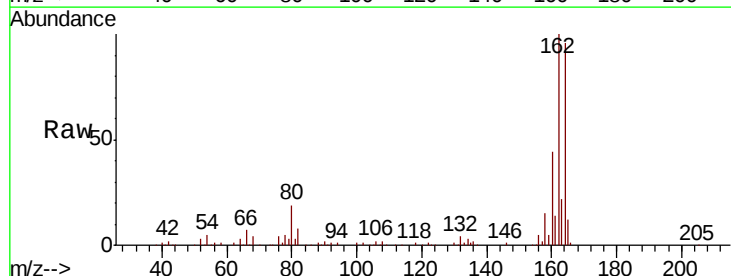
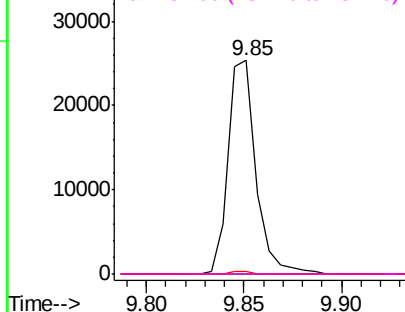
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

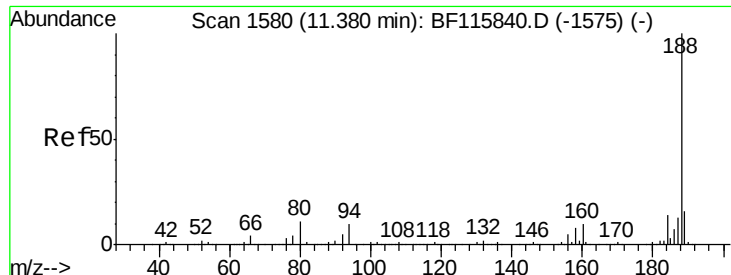


#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF116298.D
Acq: 16 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

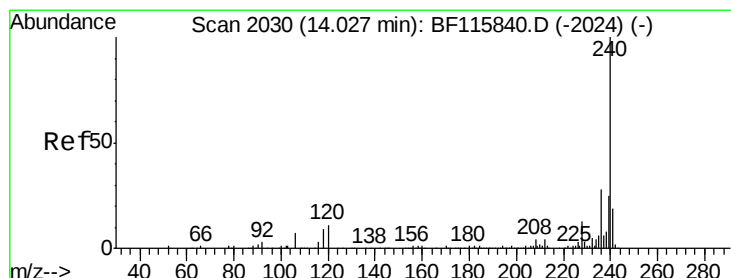
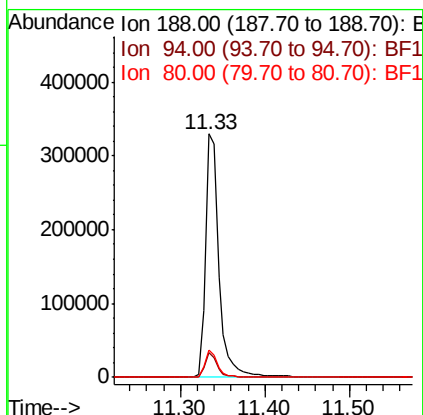
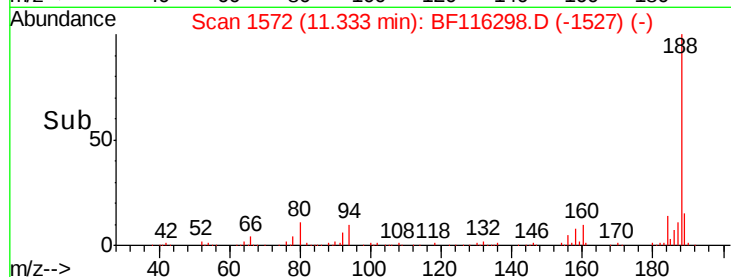
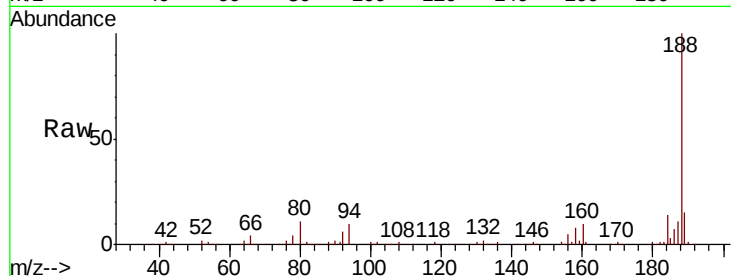




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116298.D
Acq: 16 Aug 2019 00:19

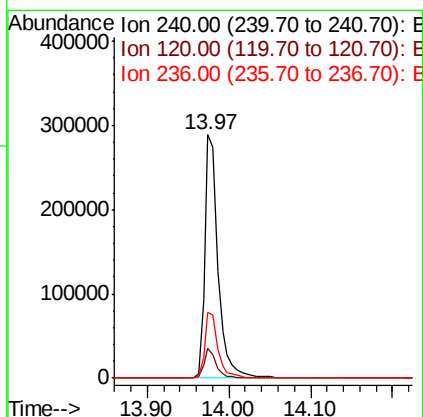
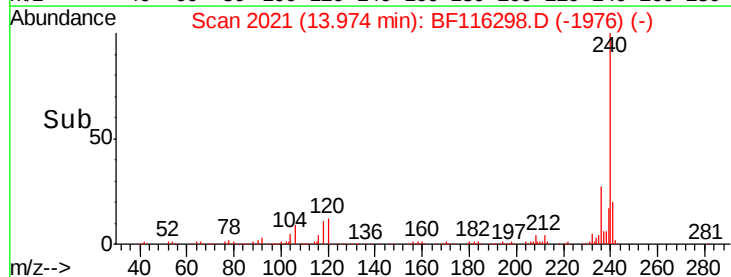
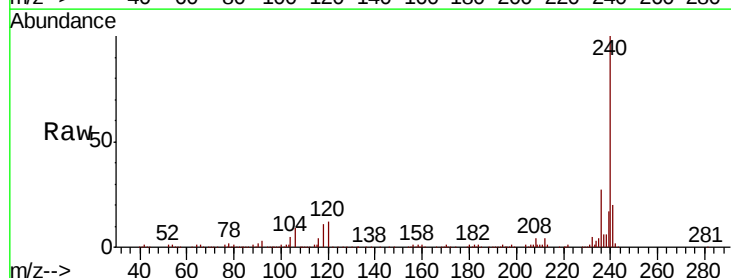
Instrument :
BNA_F
ClientSampleId :

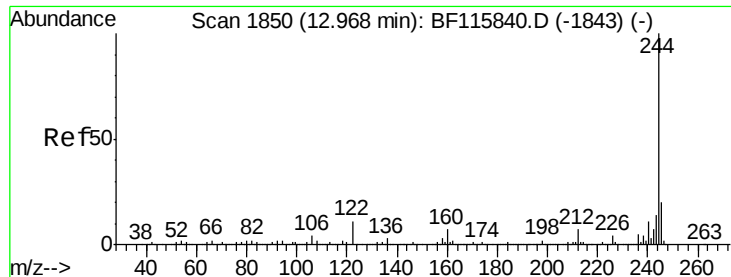
Tot Ion:188 Resp: 365785
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BF116298.D
Acq: 16 Aug 2019 00:19

Tgt Ion:240 Resp: 327124
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.8 22.2 33.2

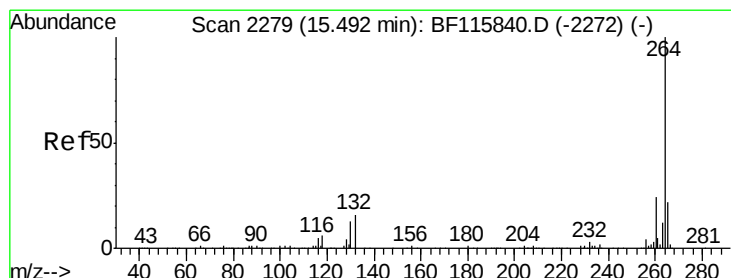
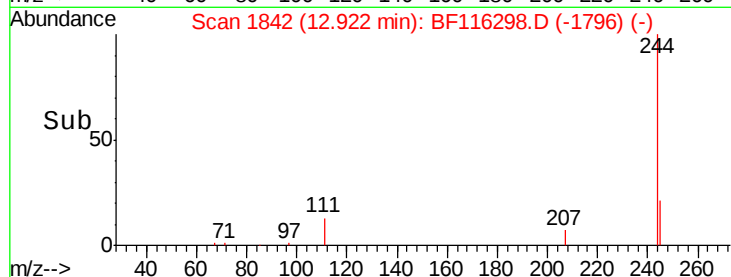
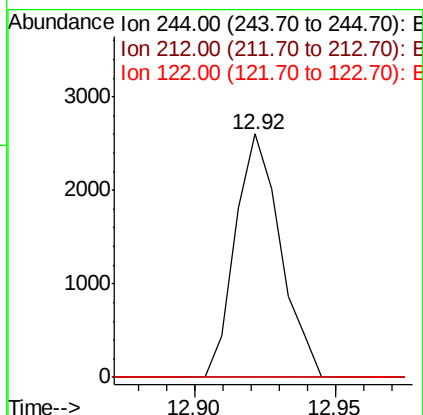
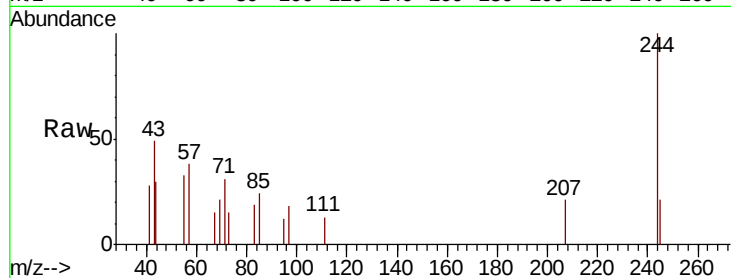




#79
 Terphenyl-d14
 Concen: 0.186 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.8	8.8
122	0.0	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116298.D
 Acq: 16 Aug 2019 00:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	21.8	17.4	26.0

