

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116297.D
 Acq On : 15 Aug 2019 23:52
 Operator : HP/JU
 Sample : K4356-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:13:03 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

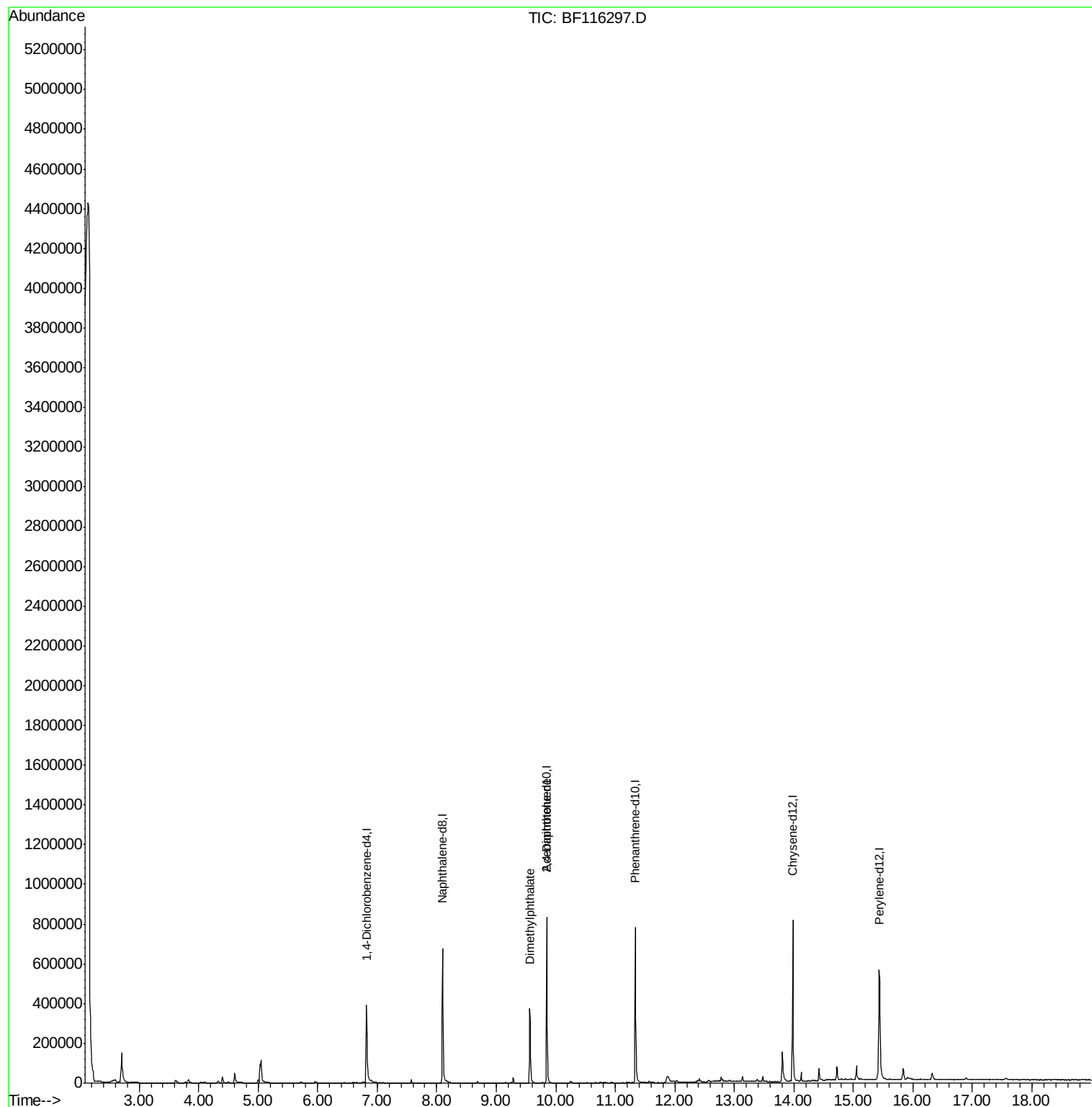
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81125	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	348259	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	188923	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	357212	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	323490	20.00	ng	-0.03
87) Perylene-d12	15.43	264	317555	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	123	0.01	ng	-0.02
79) Terphenyl-d14	12.92	244	2622	0.17	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.56	163	184009	14.305	ng	Qvalue 100
57) 2,4-Dinitrotoluene	9.85	165	24370	6.548	ng	# 20

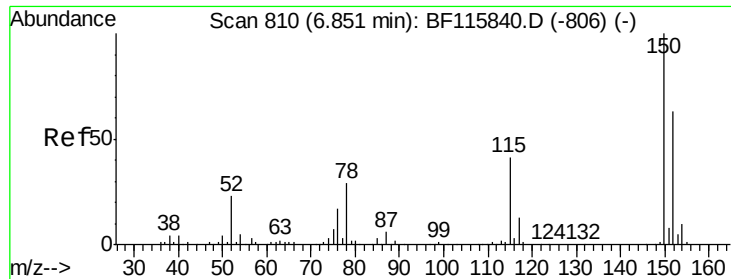
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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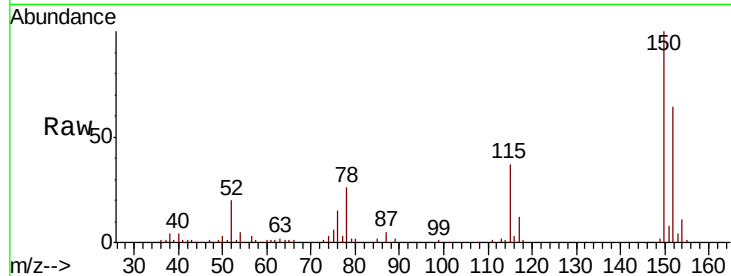




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	57.9	49.9	74.9

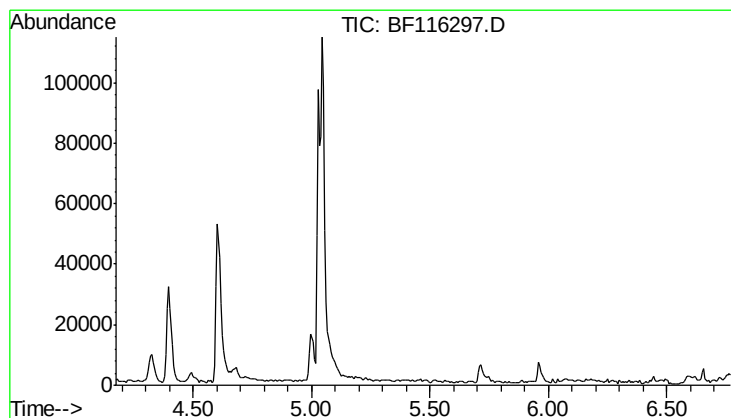
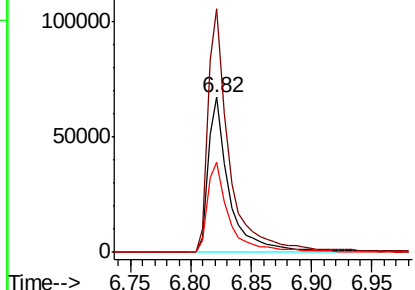
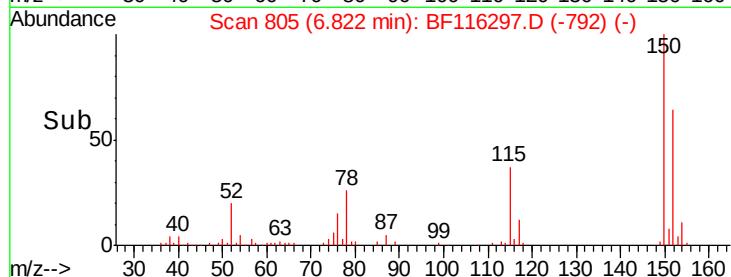


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

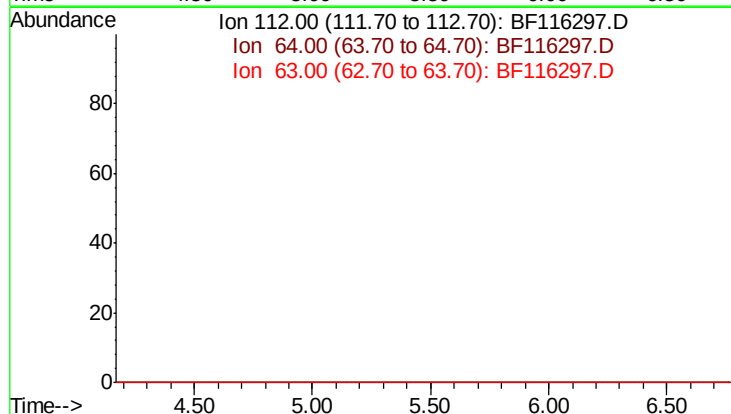
Ion 115.00 (114.70 to 115.70): E

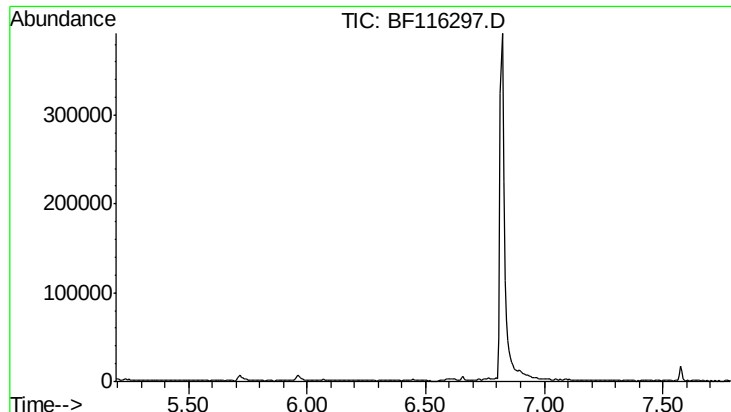


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min

Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

Tgt Ion	Exp Ratio
112	100
64	56.8
63	29.6

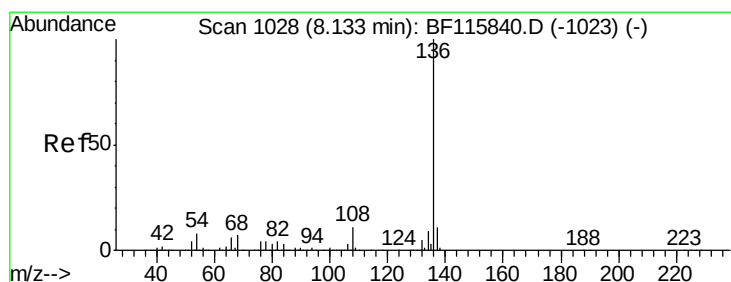
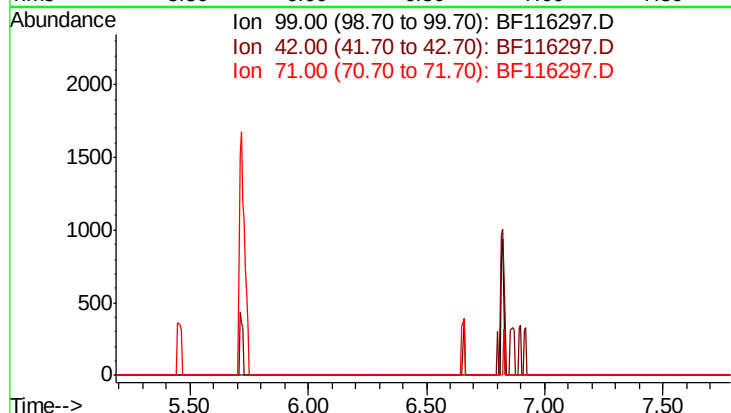




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

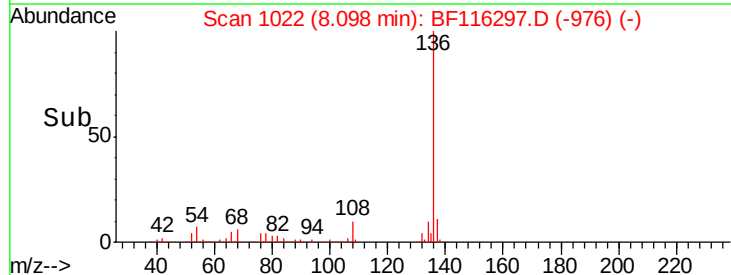
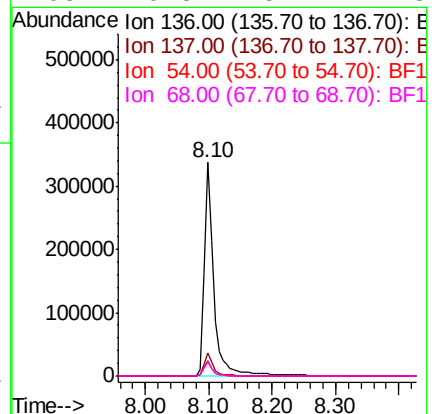
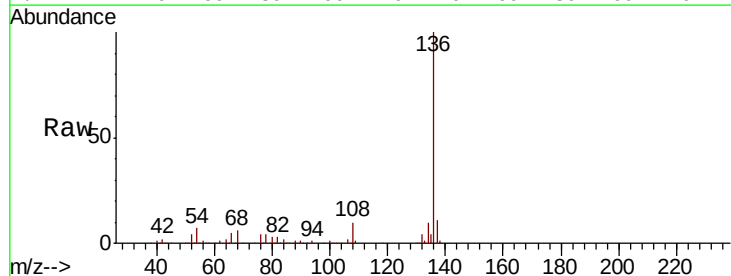
Instrument :
 BNA_F
 ClientSampleId :

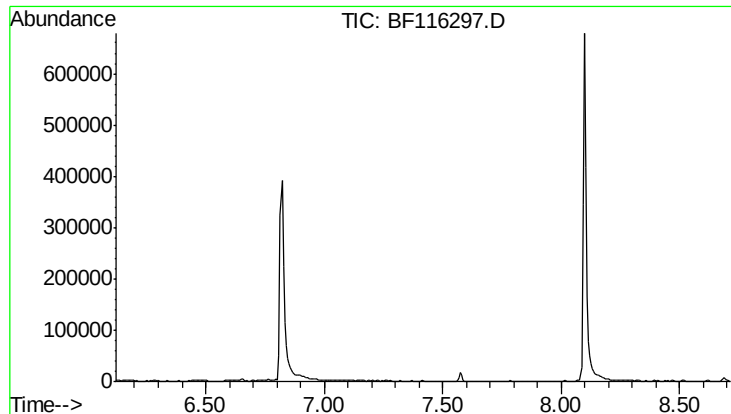
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

Tgt Ion: 136 Resp: 348259
 Ion Ratio Lower Upper
 136 100
 137 11.1 9.0 13.4
 54 7.1 5.8 8.6
 68 6.3 5.2 7.8

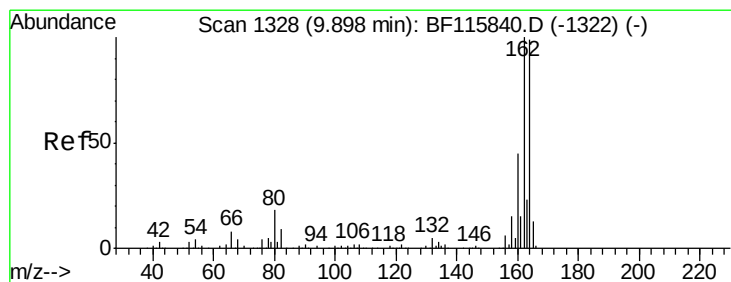
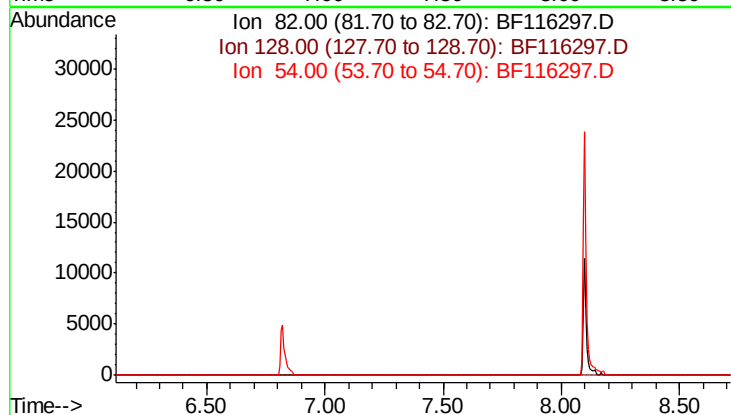




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

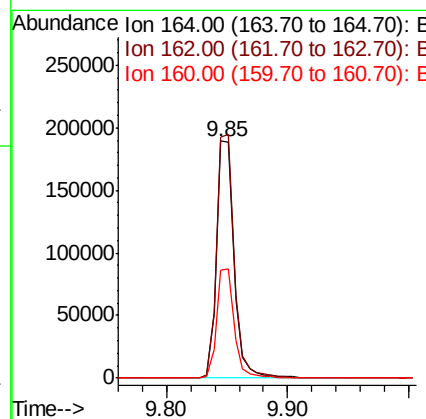
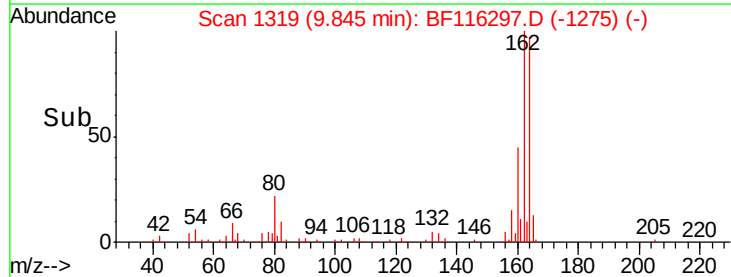
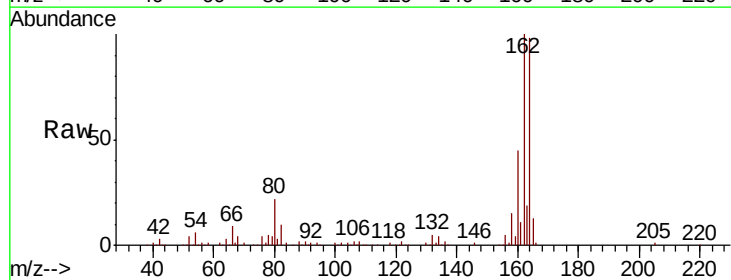
Instrument :
 BNA_F
 ClientSampleId :

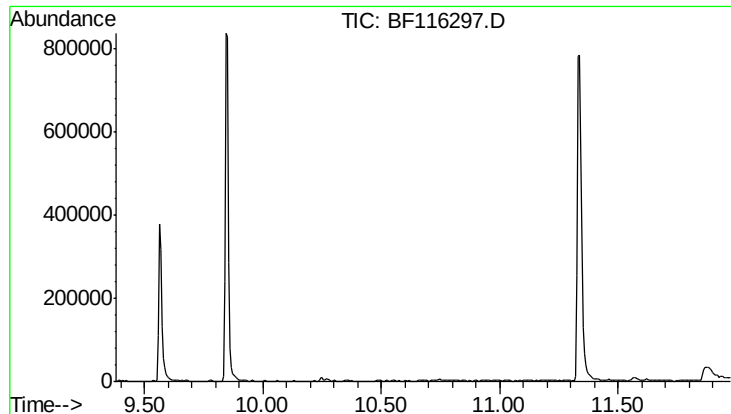
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

Tgt Ion:164 Resp: 188923
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 124.0
 160 45.8 37.6 56.4

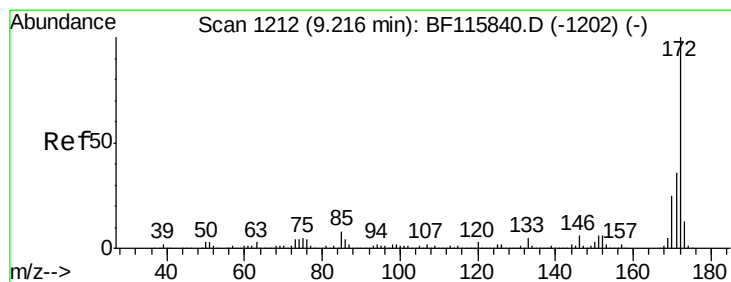
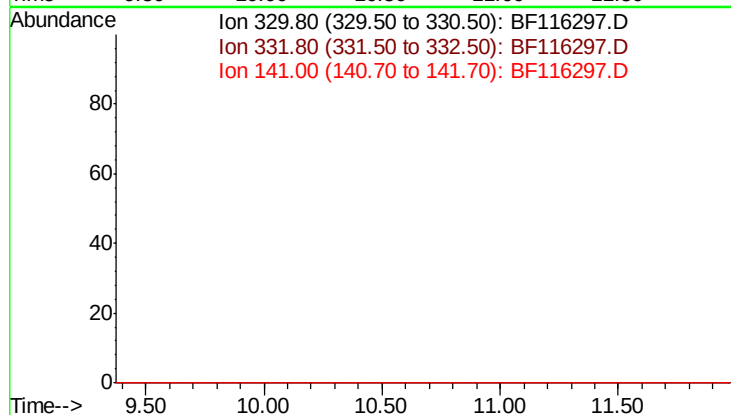




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.67 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

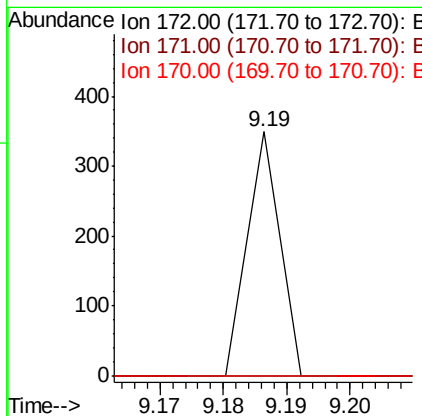
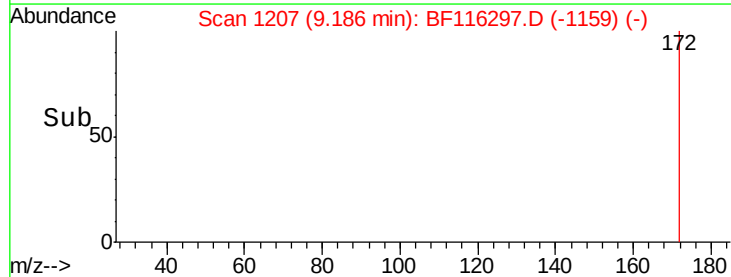
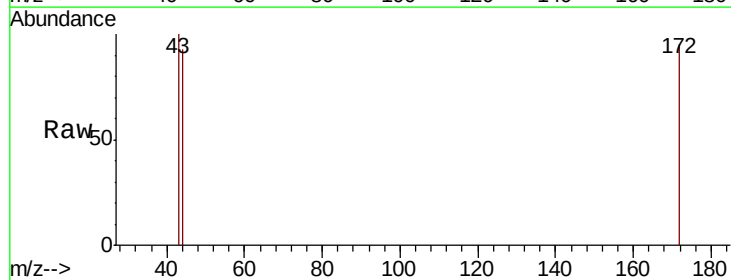
Instrument :
 BNA_F
 ClientSampleId :

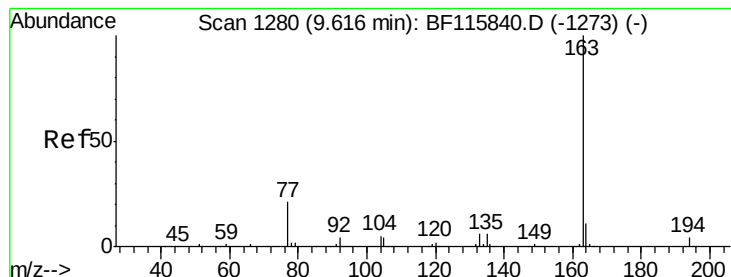
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 32.9



#45
 2-Fluorobiphenyl
 Concen: 0.012 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

Tgt Ion: 172 Resp: 123
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.6 44.4#
 170 0.0 20.1 30.1#





#50

Dimethylphthalate

Concen: 14.305 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116297.D

Acq: 15 Aug 2019 23:52

Instrument :

BNA_F

ClientSampleId :

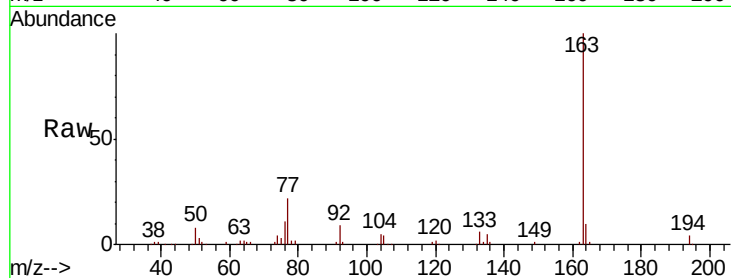
Tot Ion:163 Resp: 184009

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

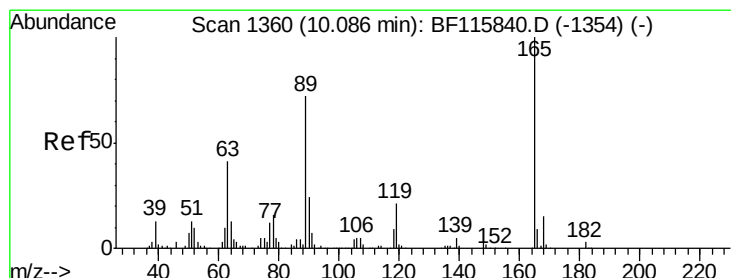
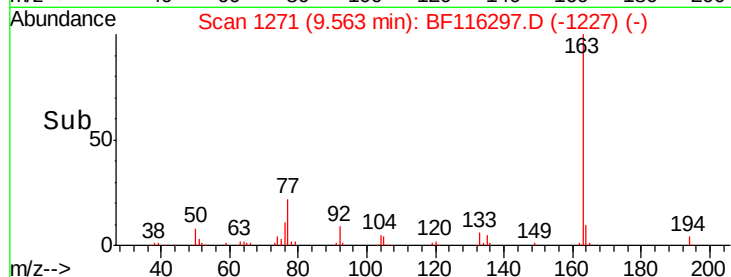
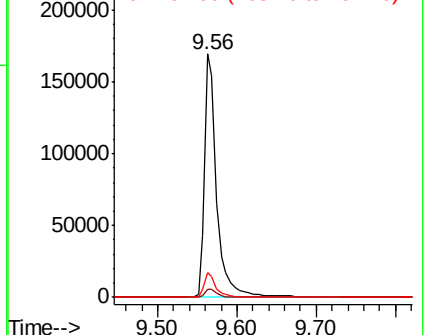
164 10.4 8.4 12.6



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: 6.548 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116297.D

Acq: 15 Aug 2019 23:52

Tgt Ion:165 Resp: 24370

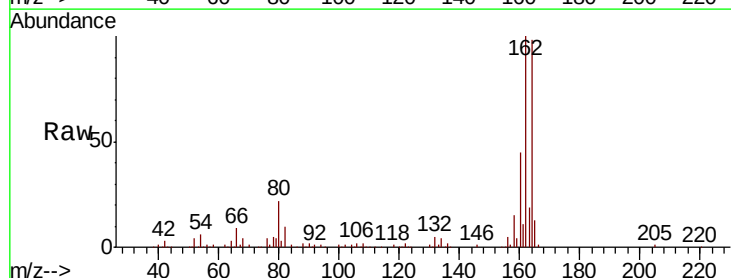
Ion Ratio Lower Upper

165 100

63 1.2 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

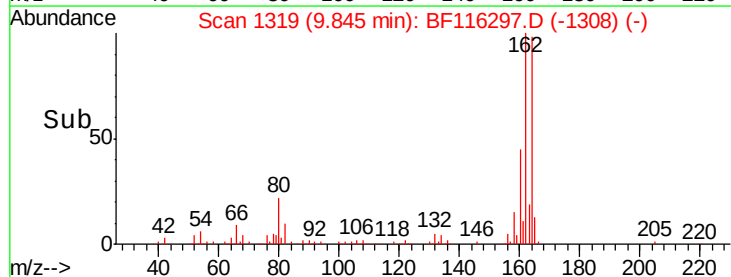
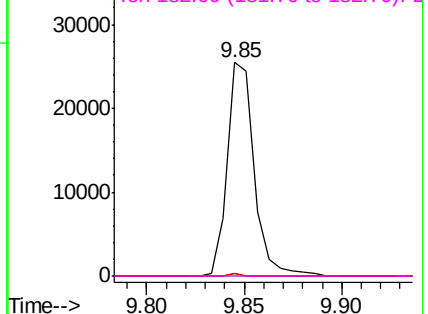


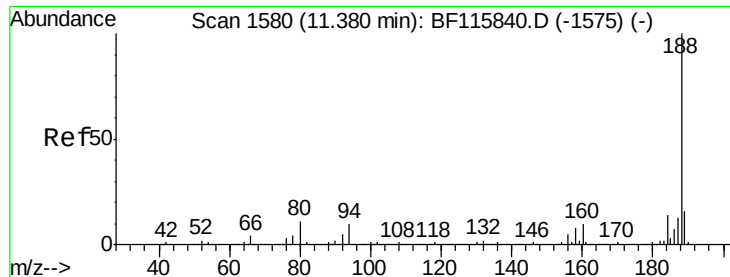
Abundance Ion 165.00 (164.70 to 165.70): E

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

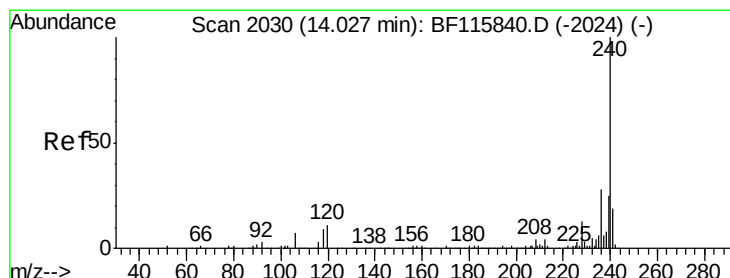
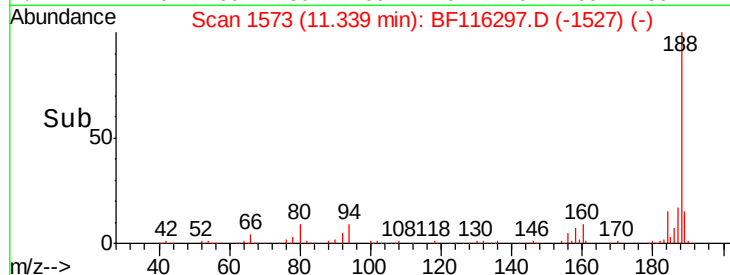
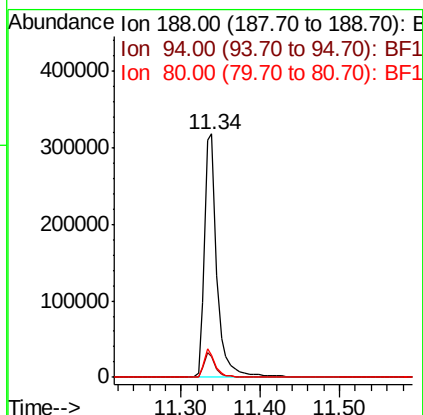
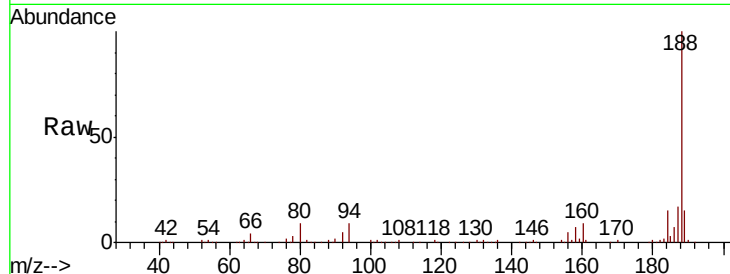




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

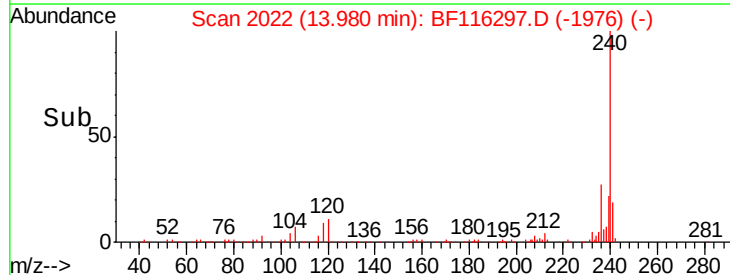
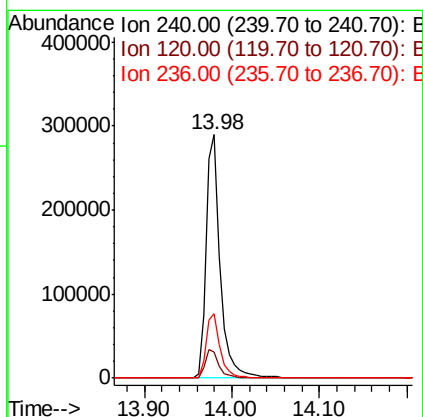
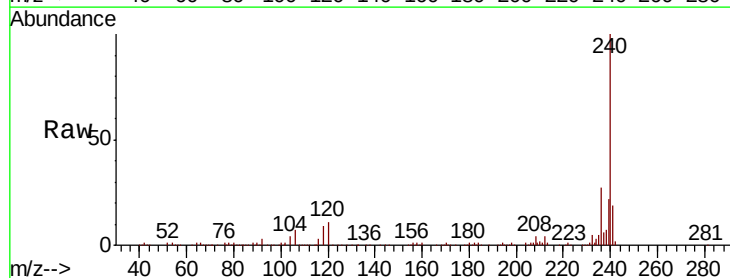
Instrument :
 BNA_F
 ClientSampleId :

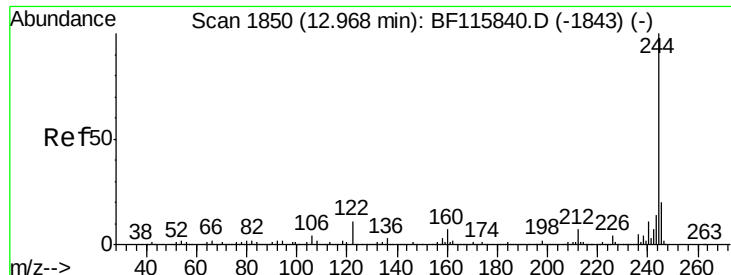
Tot Ion:188 Resp: 357212
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.1 12.1
 80 9.3 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

Tgt Ion:240 Resp: 323490
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.7 16.1#
 236 26.7 22.2 33.2

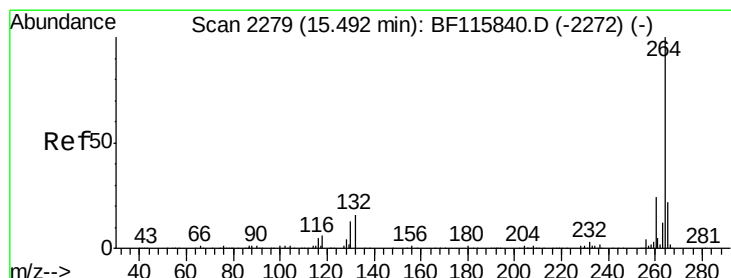
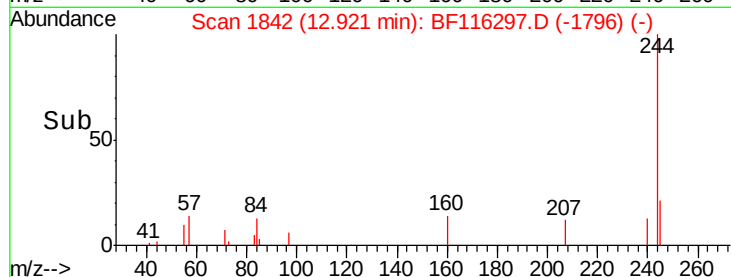
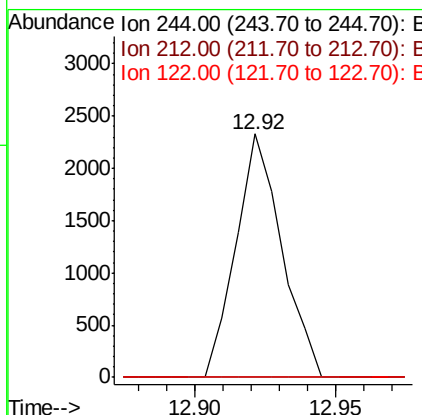
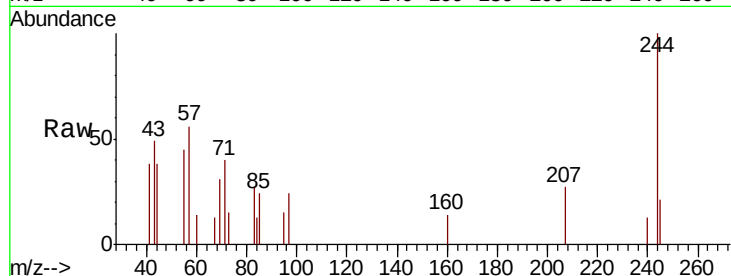




#79
 Terphenyl-d14
 Concen: 0.171 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116297.D
 Acq: 15 Aug 2019 23:52

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: BF116297.D
 Acq: 15 Aug 2019 23:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	22.1	17.4	26.0

