

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116300.D
 Acq On : 16 Aug 2019 1:13
 Operator : HP/JU
 Sample : K4356-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:13:41 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

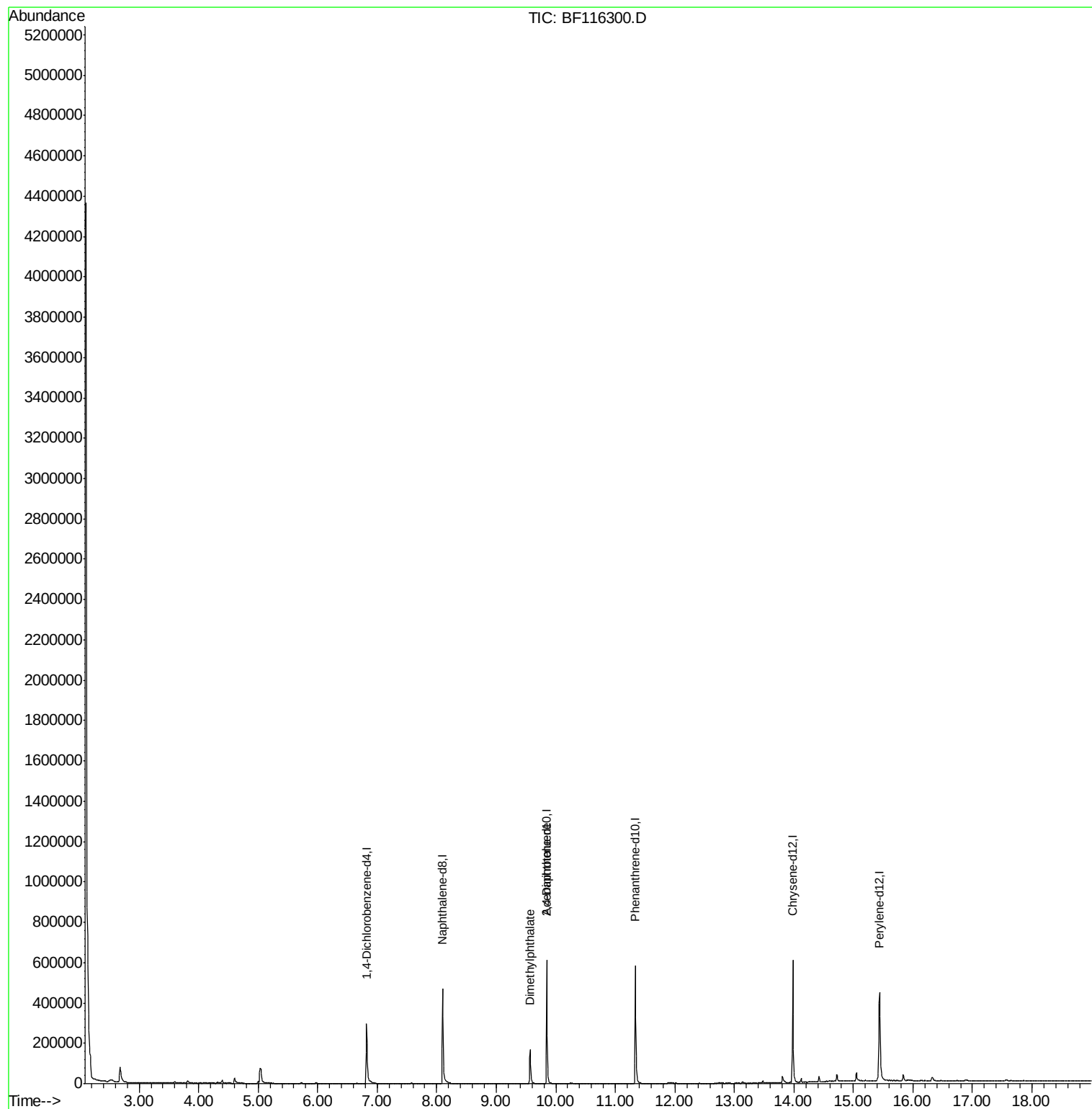
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63898	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	275164	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	144479	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	272187	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	251645	20.00	ng	-0.03
87) Perylene-d12	15.44	264	263322	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	266	0.03	ng	-0.01
79) Terphenyl-d14	12.93	244	2072	0.17	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	98714	10.035	ng	98
57) 2,4-Dinitrotoluene	9.85	165	18590	6.531	ng	# 19

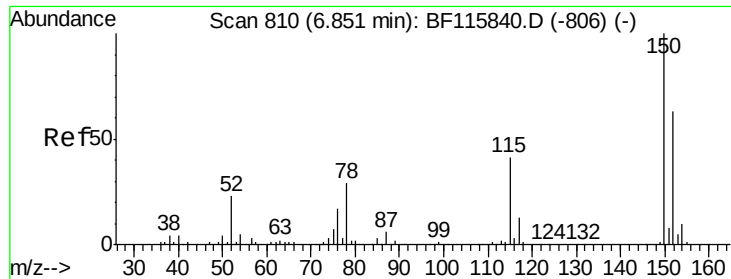
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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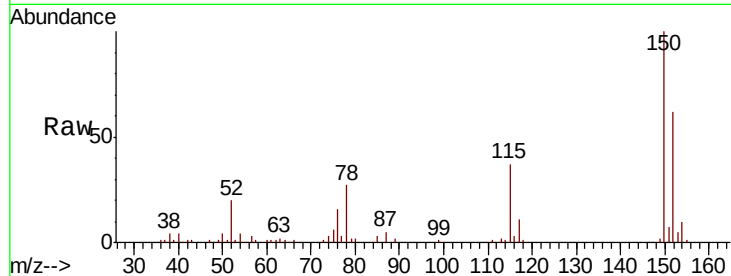




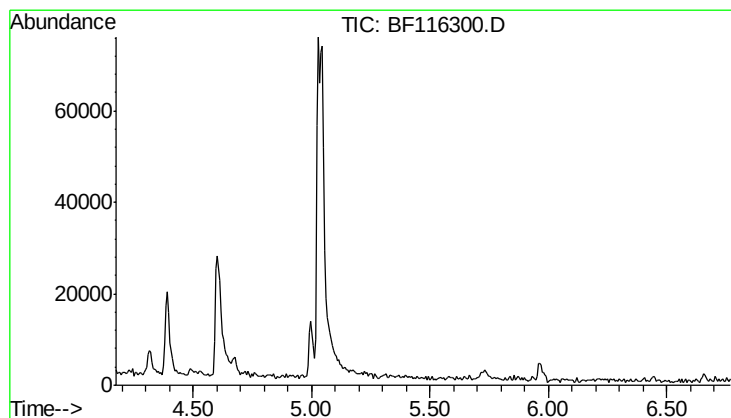
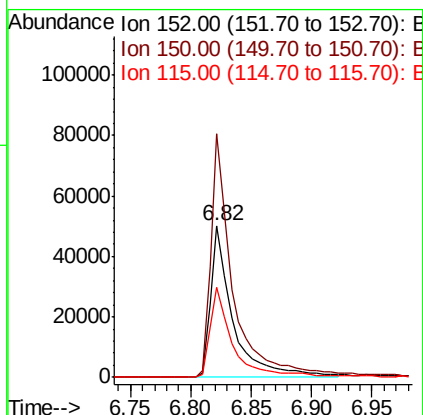
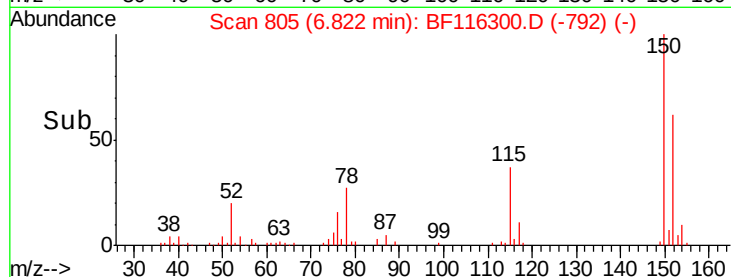
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 63898
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.2 189.2
 115 59.7 49.9 74.9

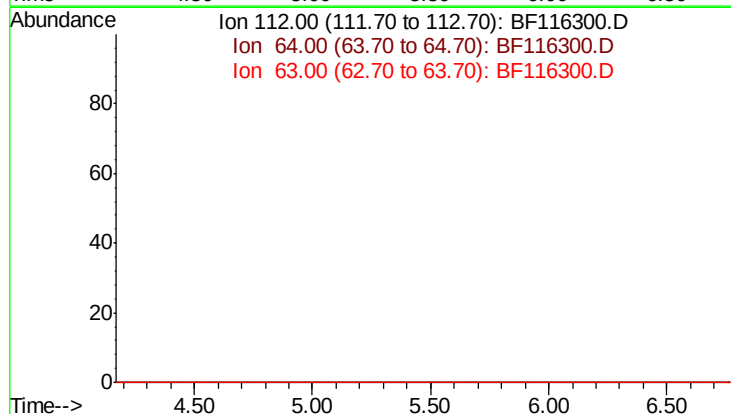


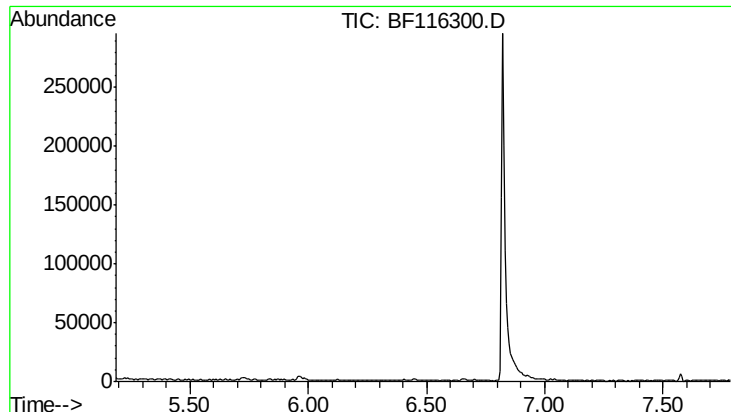
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 56.8
 63 29.6

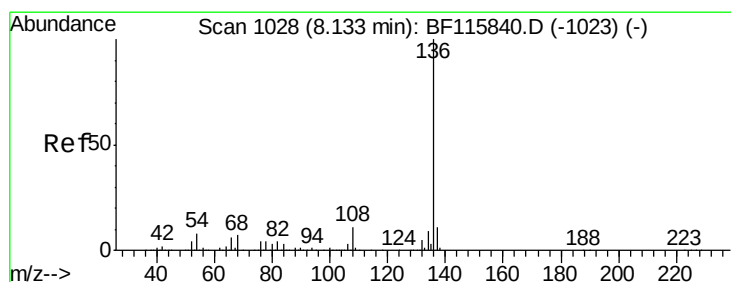
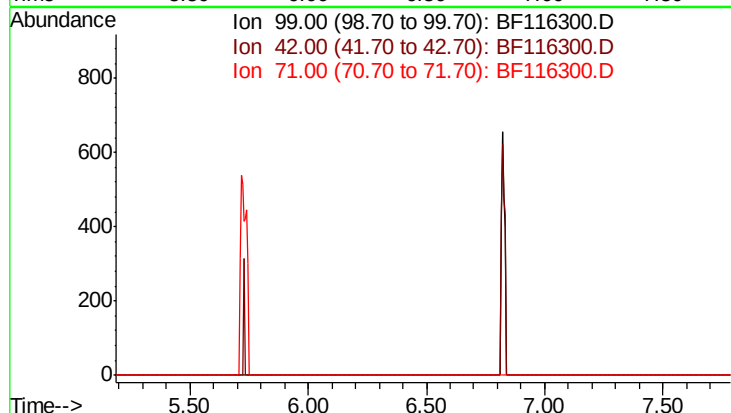




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

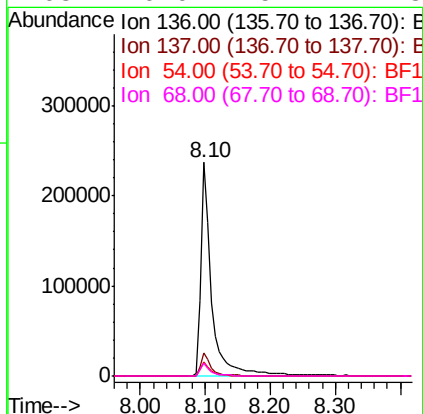
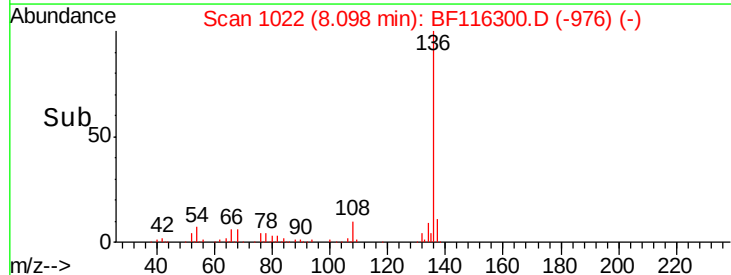
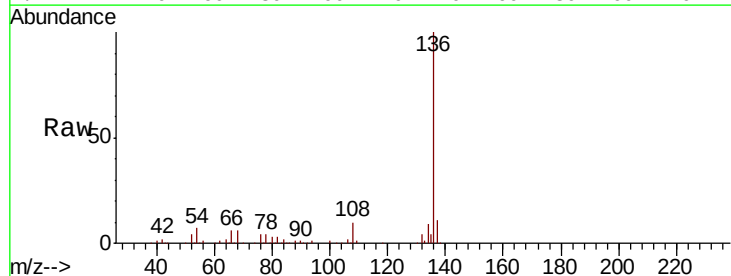
Instrument :
 BNA_F
 ClientSampleId :

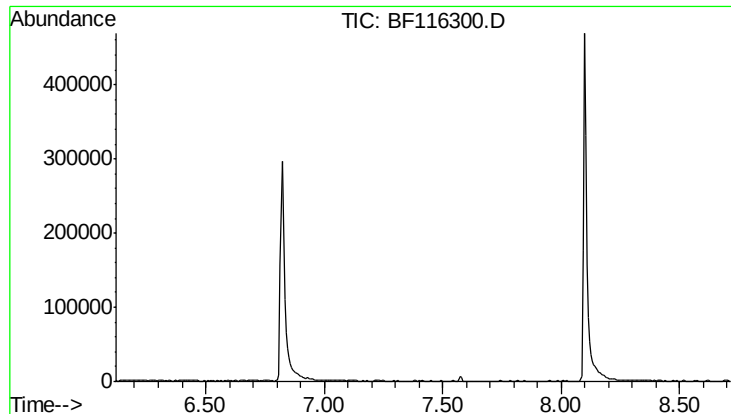
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

Tgt Ion: 136 Resp: 275164
 Ion Ratio Lower Upper
 136 100
 137 10.8 9.0 13.4
 54 6.9 5.8 8.6
 68 6.0 5.2 7.8

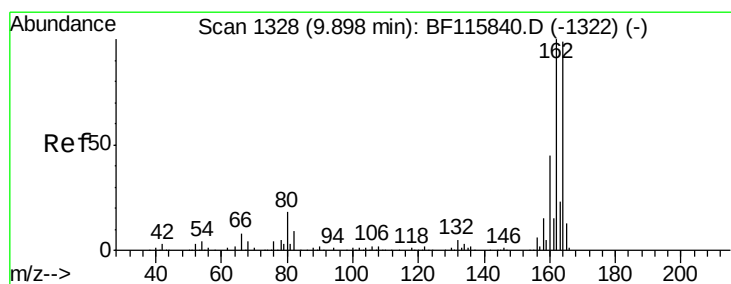
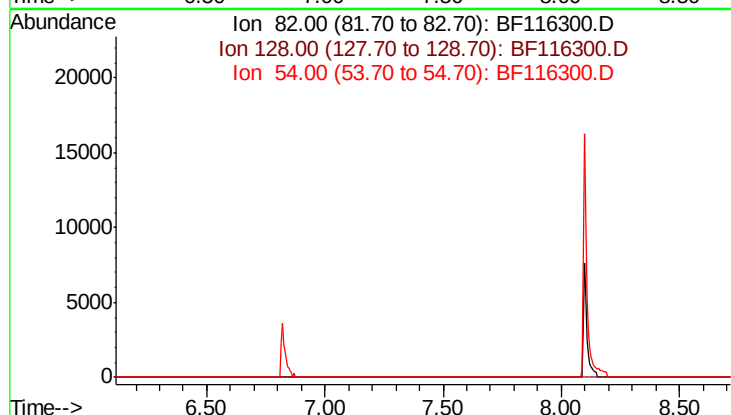




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

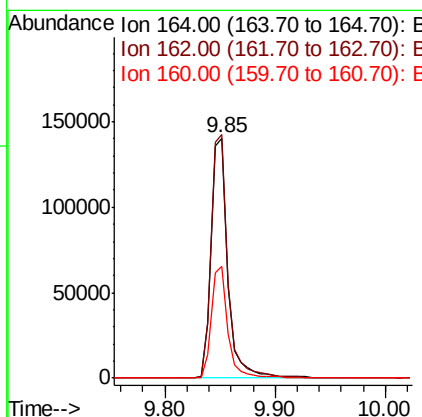
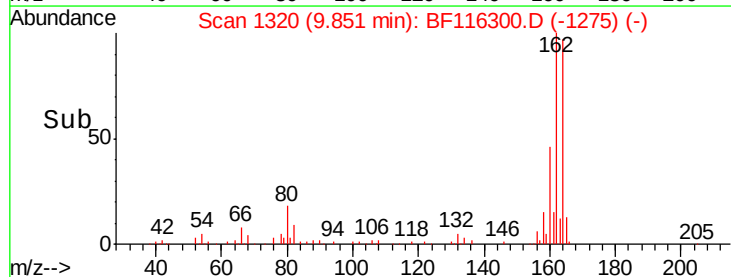
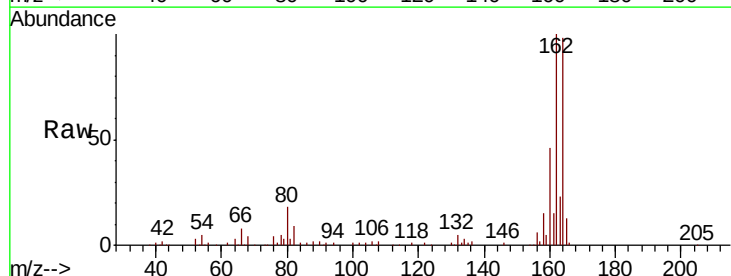
Instrument :
 BNA_F
 ClientSampleId :

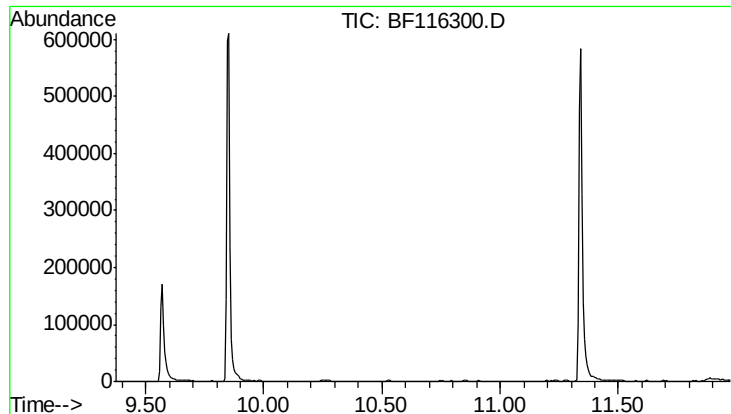
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.6
54	45.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

Tgt Ion	164	Resp	144479
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.6	124.0
160	46.9	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF116300.D

Acq: 16 Aug 2019 1:13

Instrument :

BNA_F

ClientSampleId :

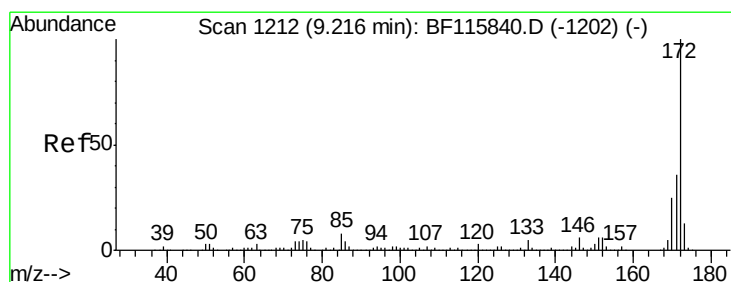
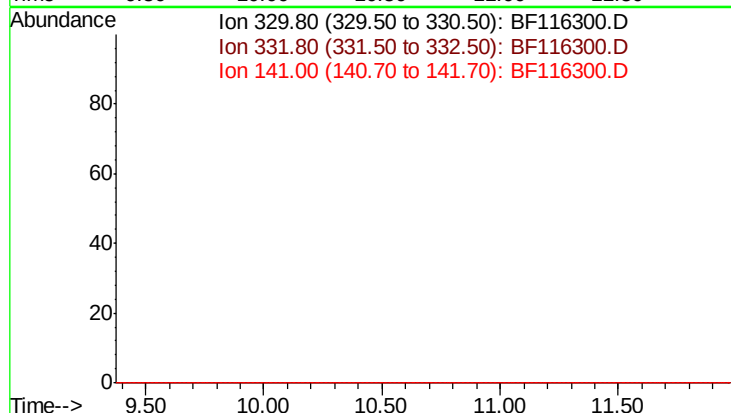
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 32.9



#45

2-Fluorobiphenyl

Concen: 0.034 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116300.D

Acq: 16 Aug 2019 1:13

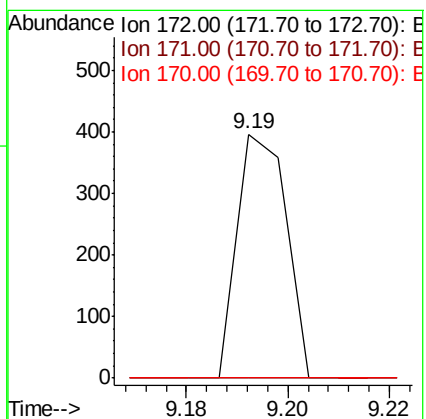
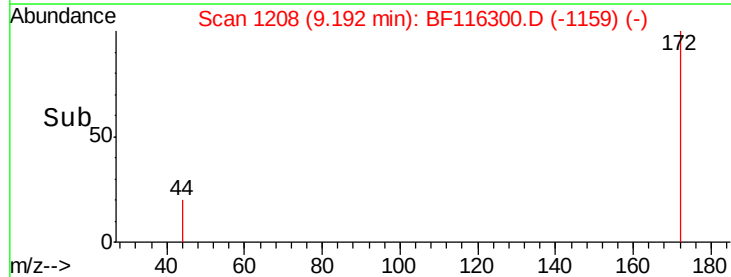
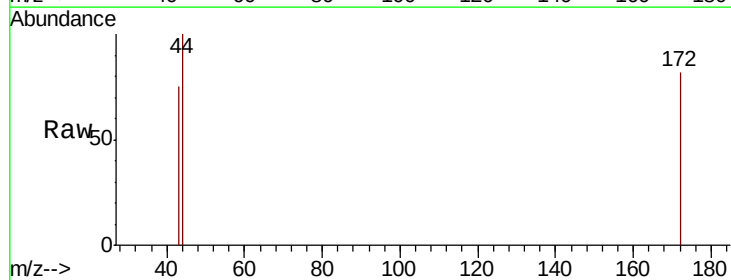
Tgt Ion: 172 Resp: 266

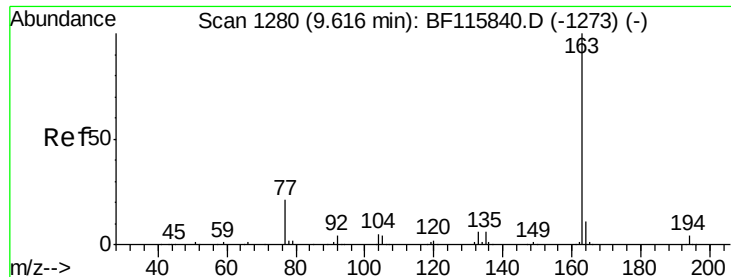
Ion Ratio Lower Upper

172 100

171 0.0 29.6 44.4#

170 0.0 20.1 30.1#





#50

Dimethylphthalate

Concen: 10.035 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116300.D

Acq: 16 Aug 2019 1:13

Instrument :
BNA_F
ClientSampleId :

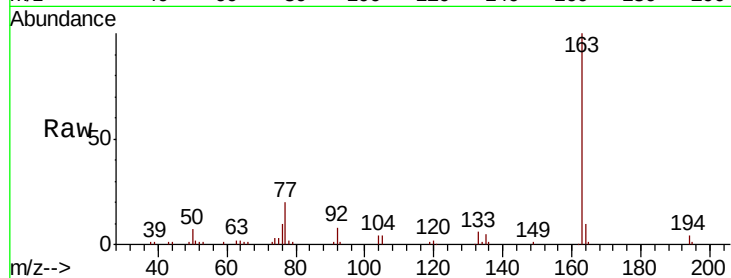
Tot Ion:163 Resp: 98714

Ion Ratio Lower Upper

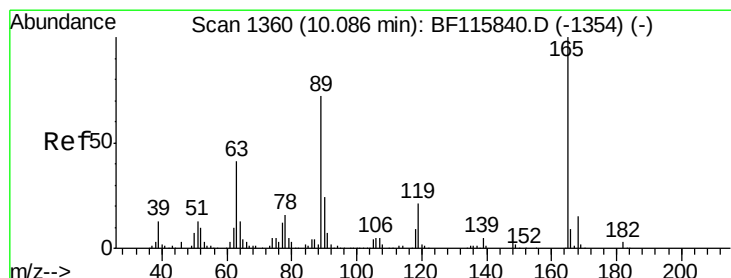
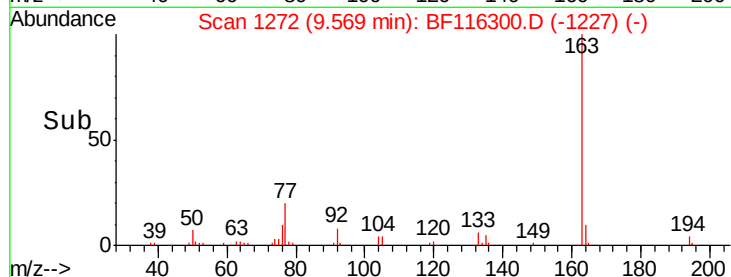
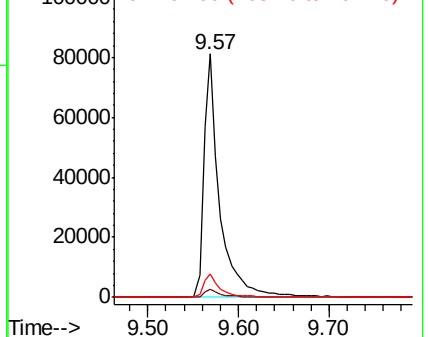
163 100

194 3.5 3.0 4.6

164 9.6 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: 6.531 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF116300.D

Acq: 16 Aug 2019 1:13

Tgt Ion:165 Resp: 18590

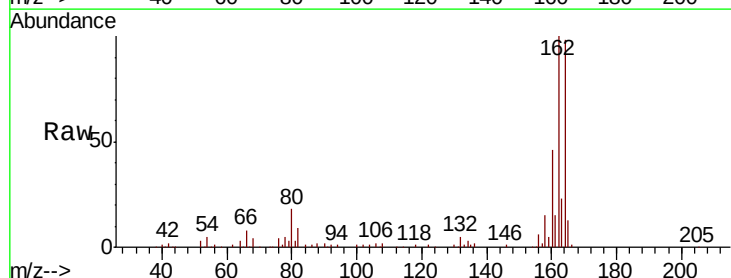
Ion Ratio Lower Upper

165 100

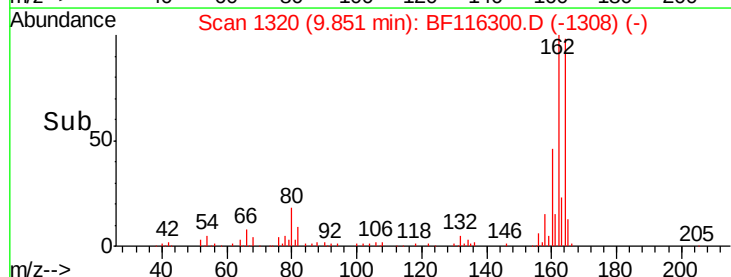
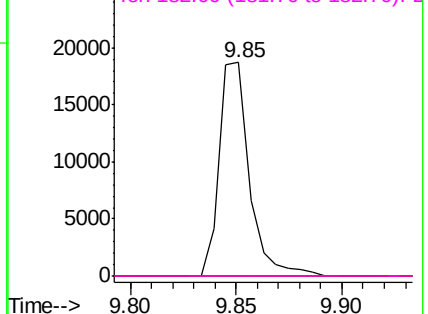
63 0.0 39.6 59.4#

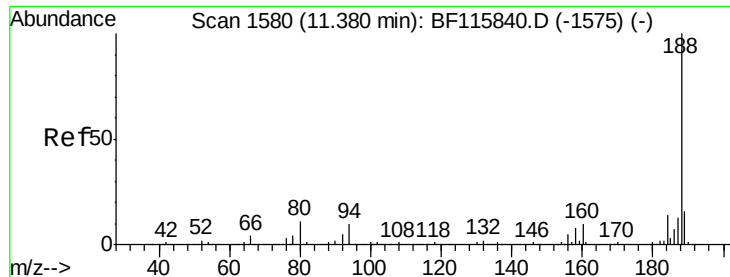
89 0.0 62.2 93.2#

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

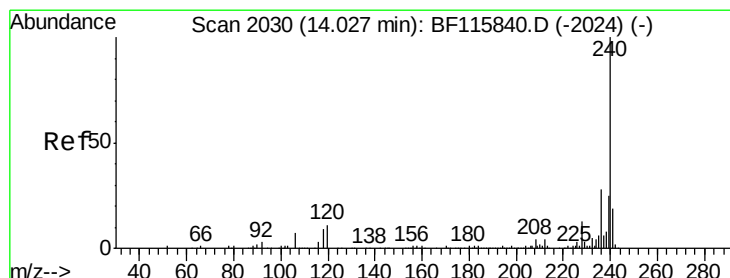
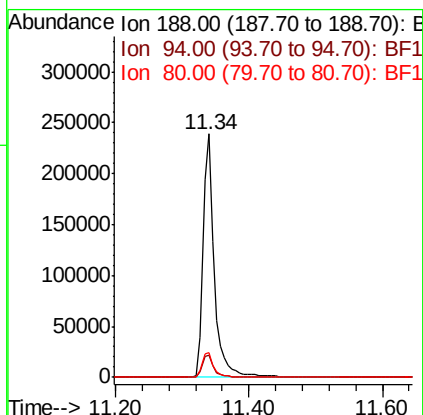
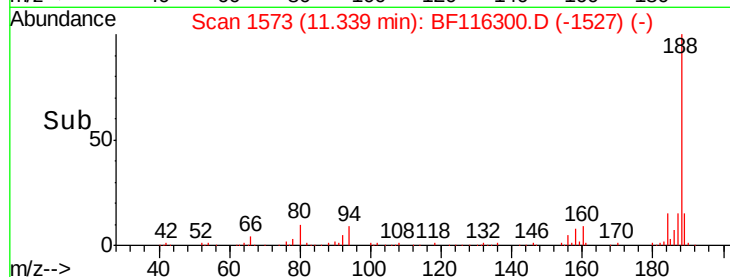
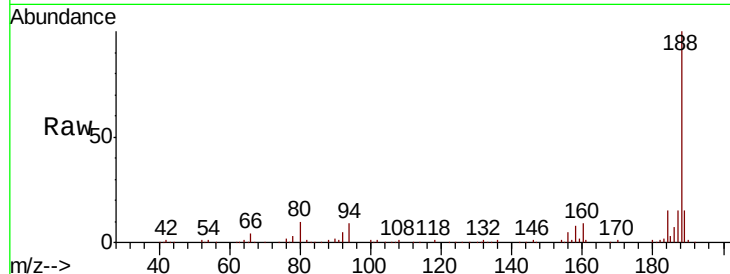




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116300.D
Acq: 16 Aug 2019 1:13

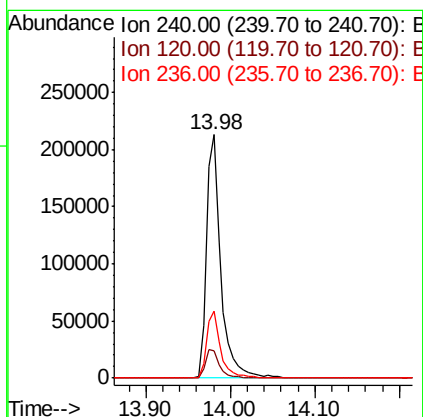
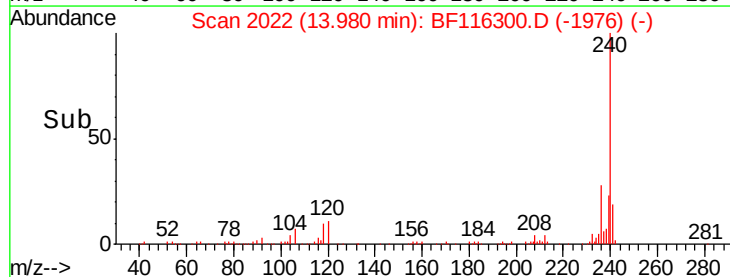
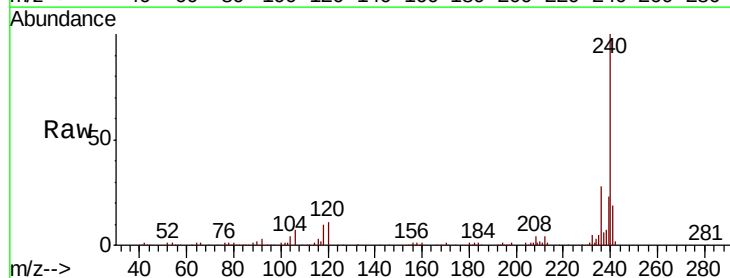
Instrument :
BNA_F
ClientSampleId :

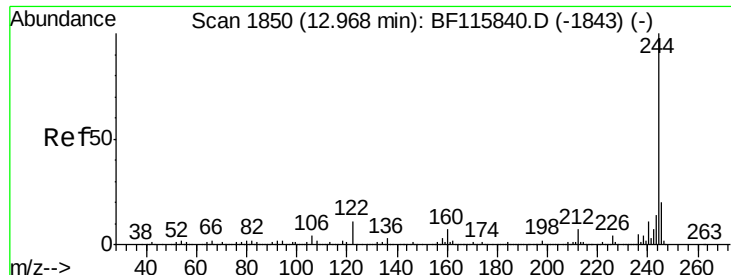
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.9	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116300.D
Acq: 16 Aug 2019 1:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.7	16.1
236	27.5	22.2	33.2

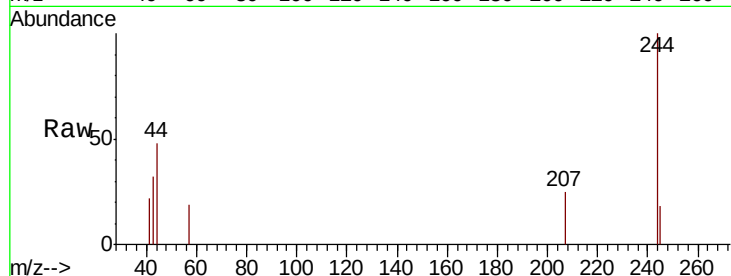




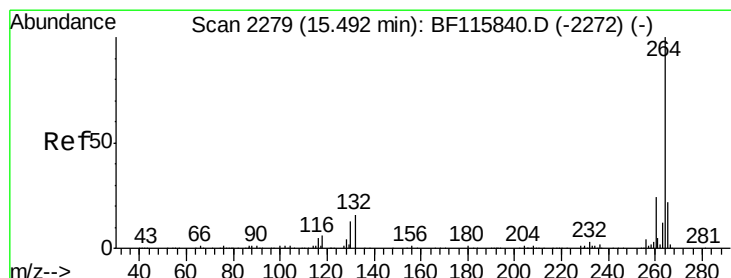
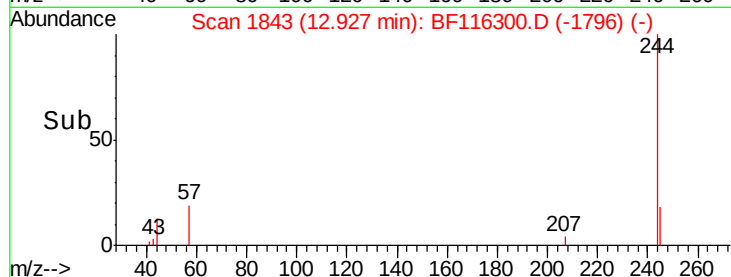
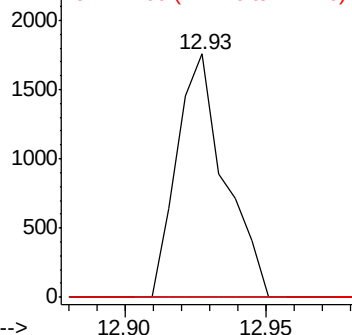
#79
 Terphenyl-d14
 Concen: 0.174 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

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#

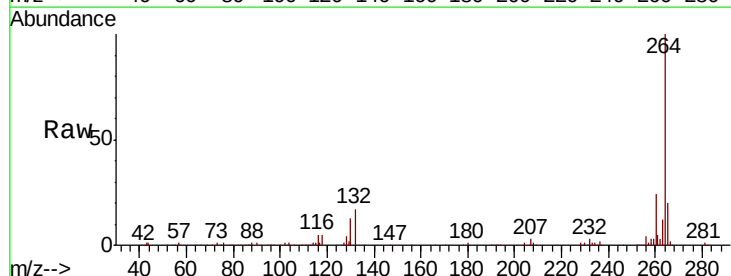


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	20.4	17.4	26.0



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

