

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 :
 TP-4

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

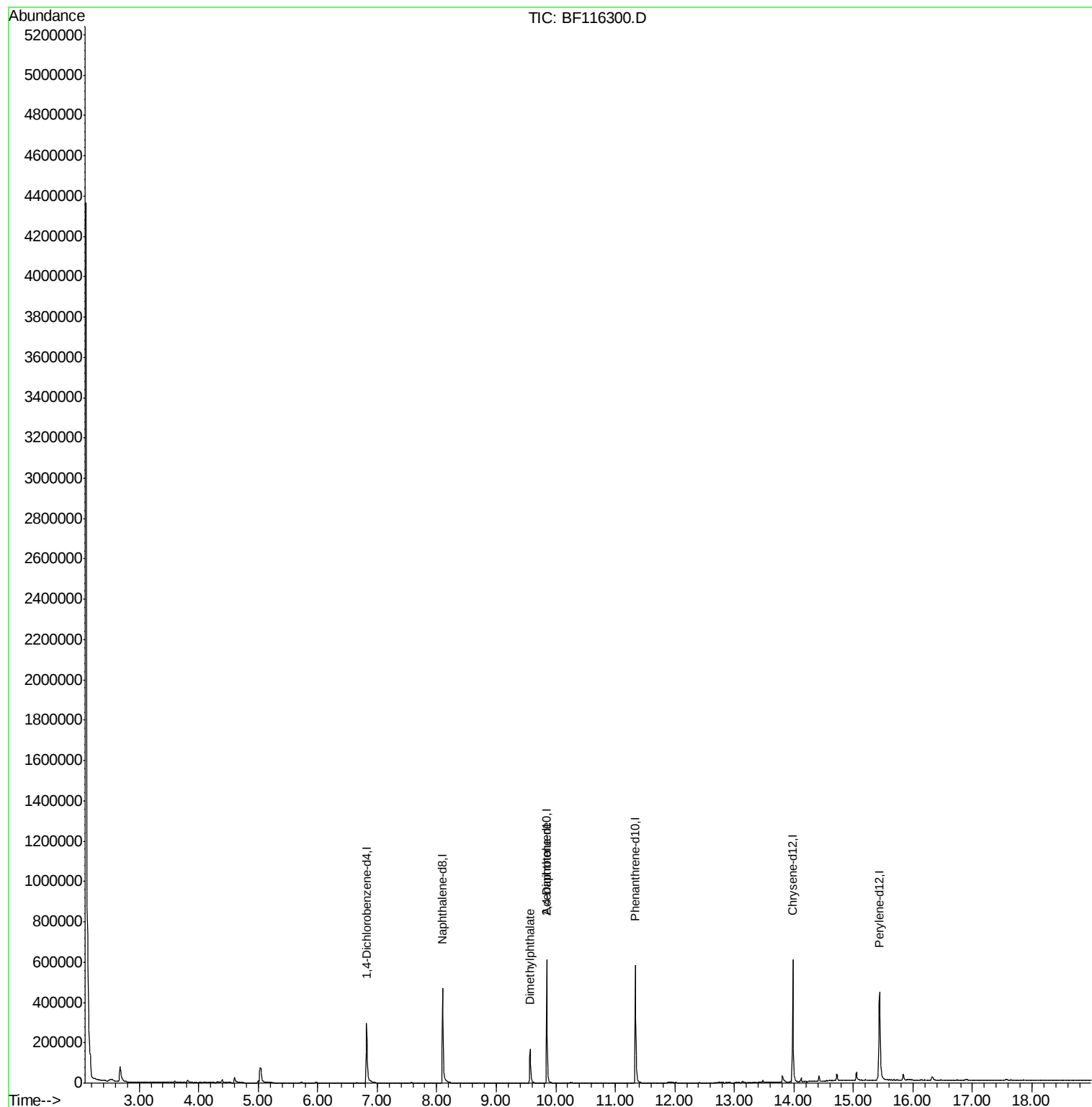
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63898	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	275164	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	144479	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	272187	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	251645	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

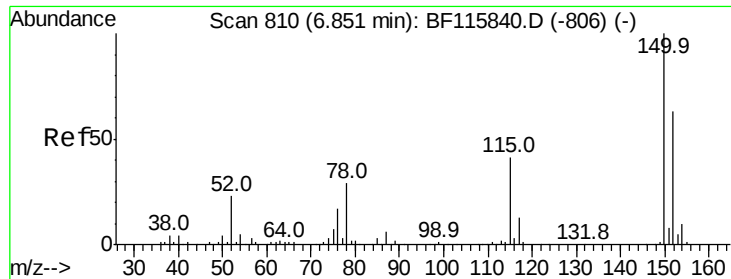
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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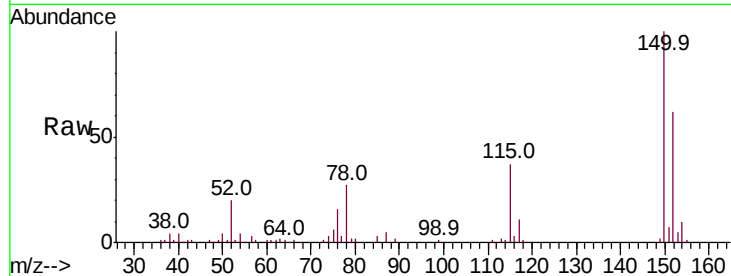


#1

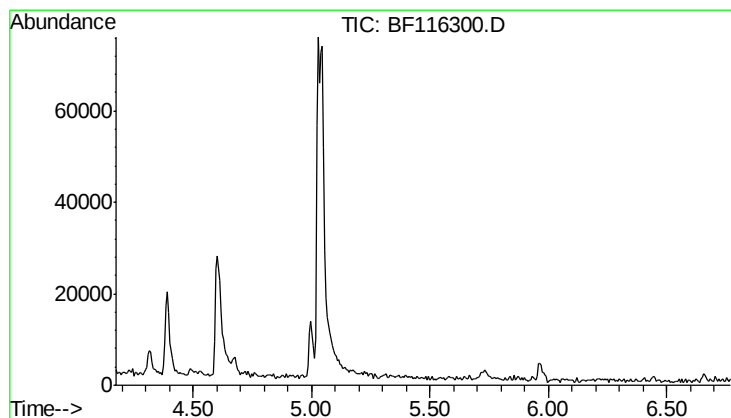
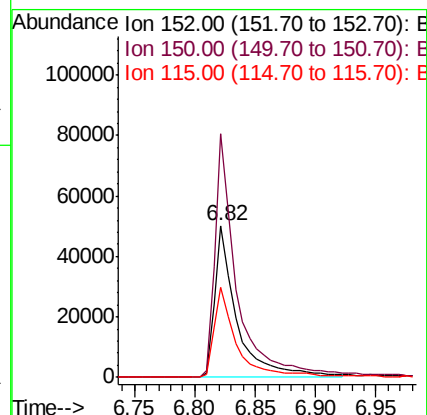
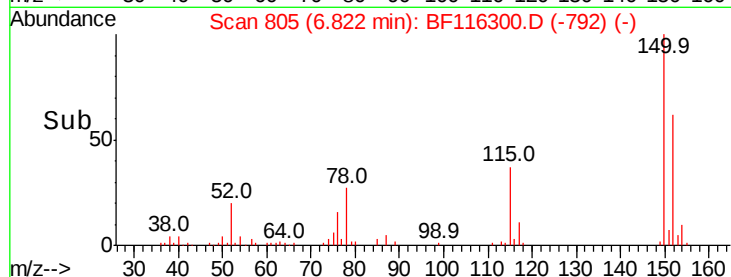
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116300.D
Acq: 16 Aug 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-4

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

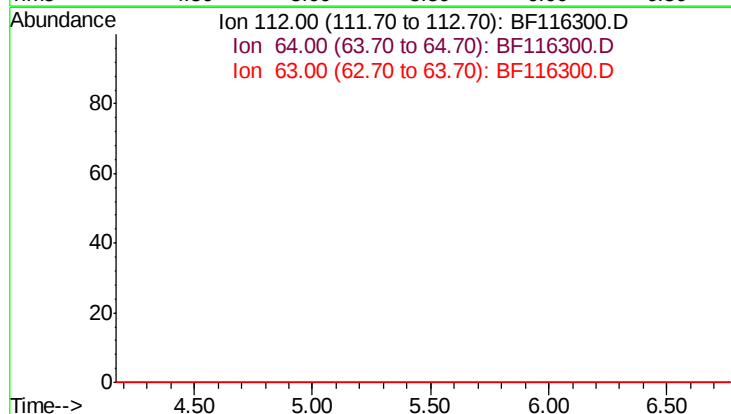


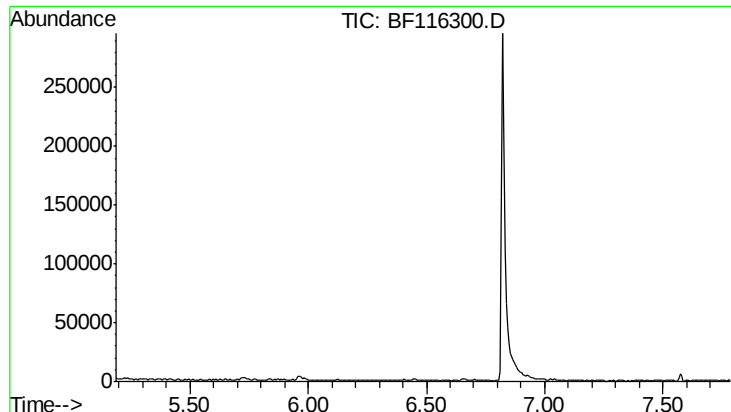
#5

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

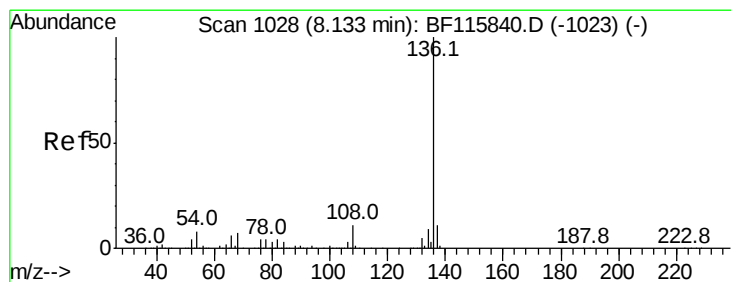
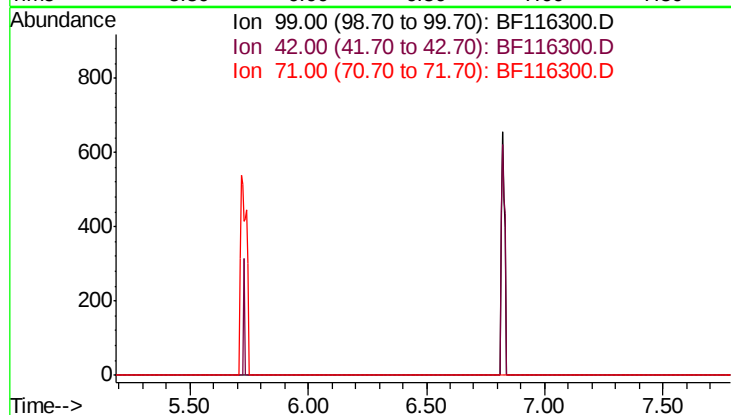




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

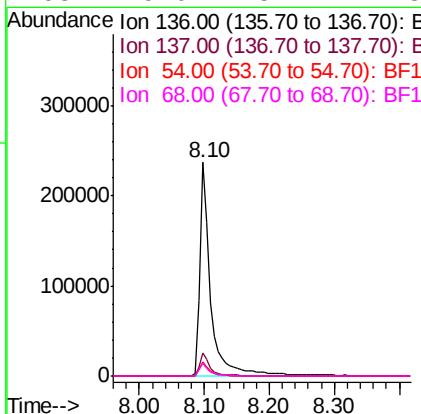
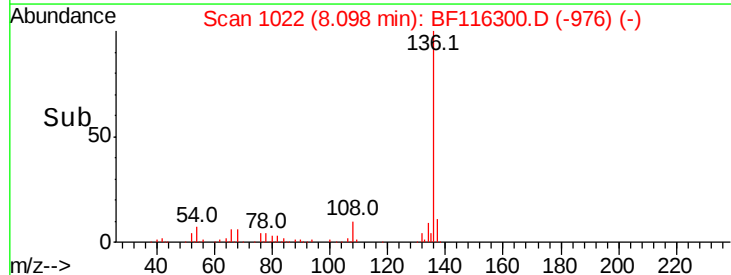
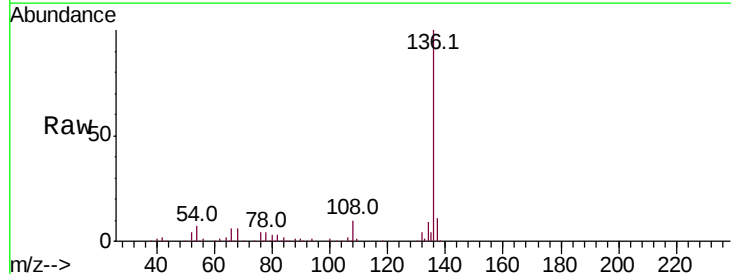
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1

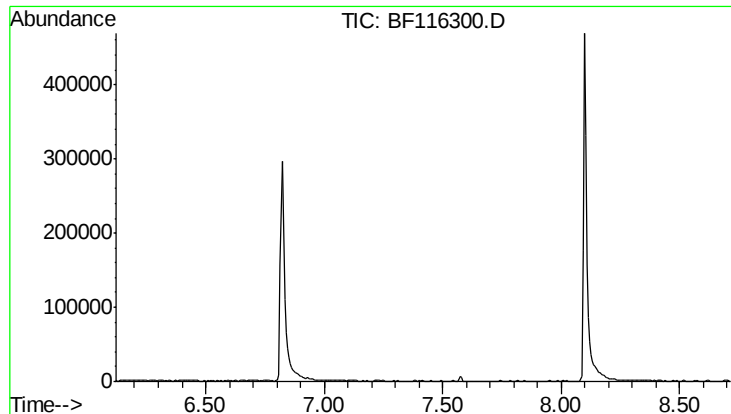


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

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

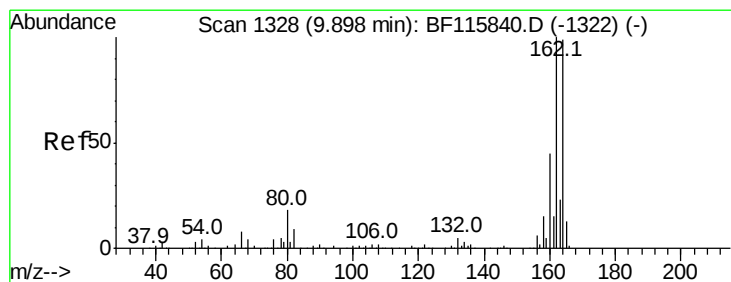
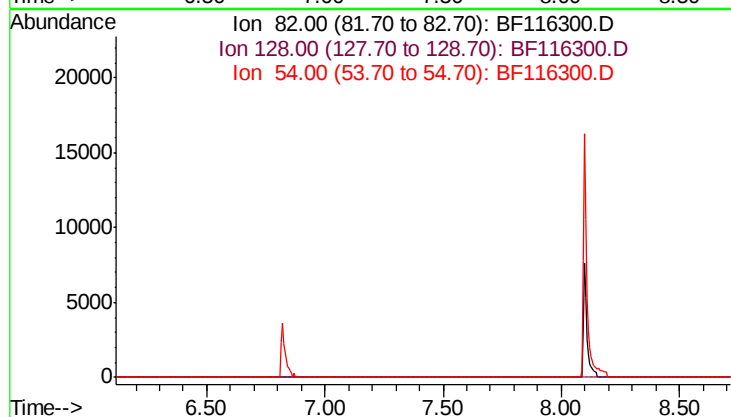




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116300.D
 Acq: 16 Aug 2019 1:13

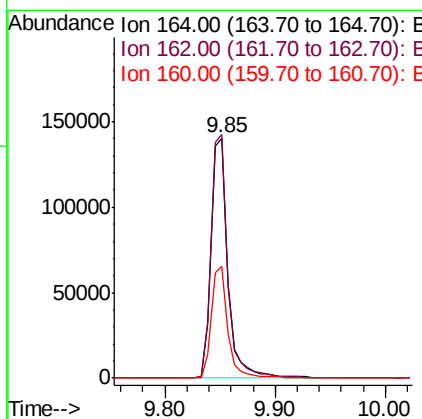
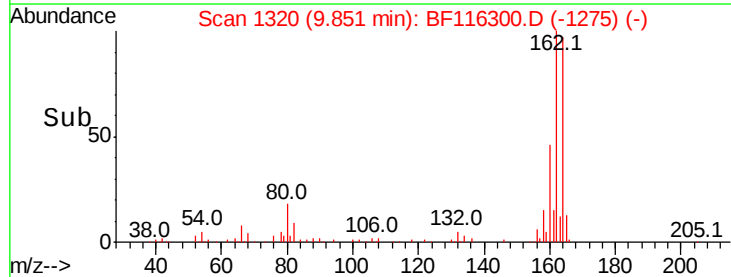
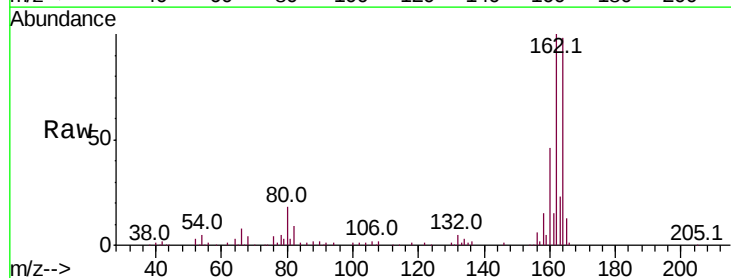
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

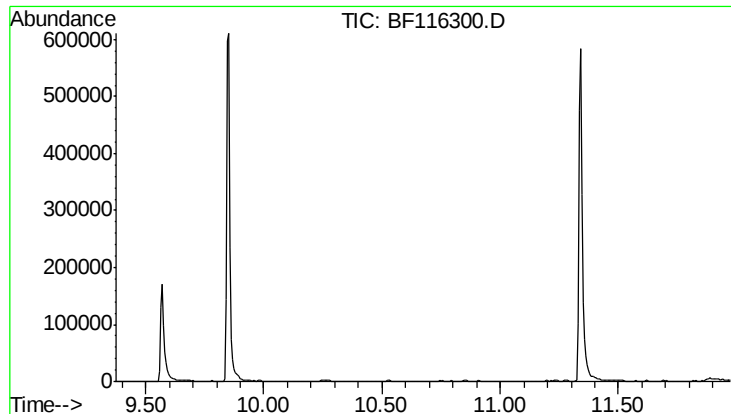
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#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 :

TP-4

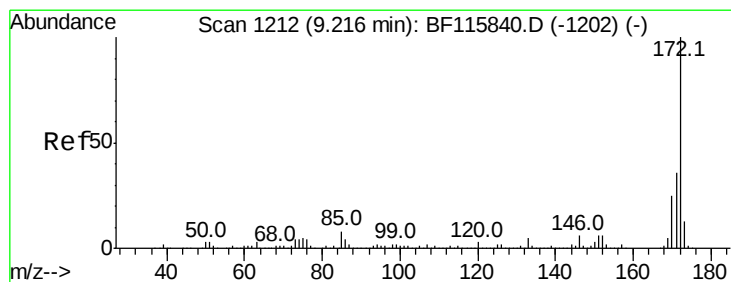
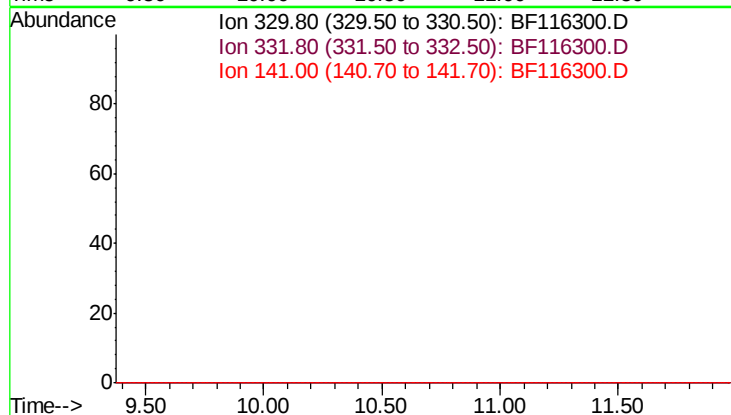
Tot Ion: 330

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

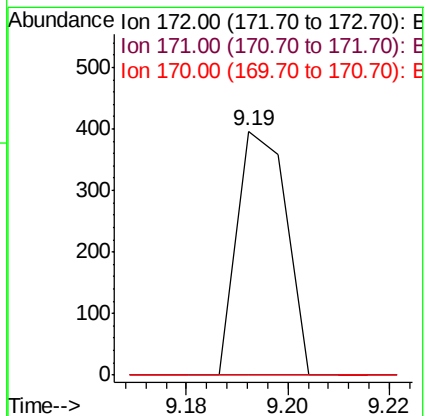
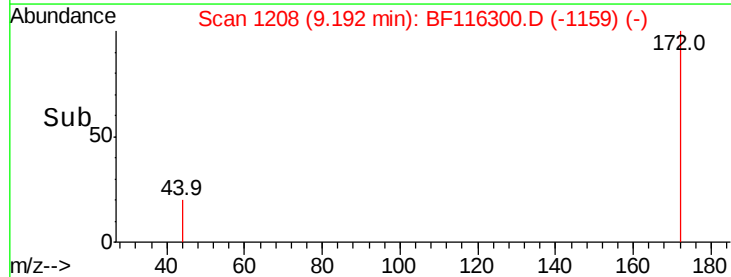
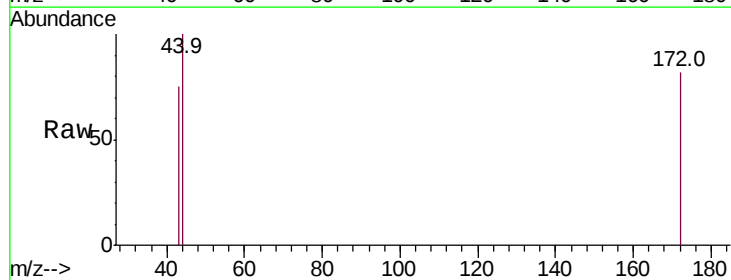
Tgt Ion: 172 Resp: 266

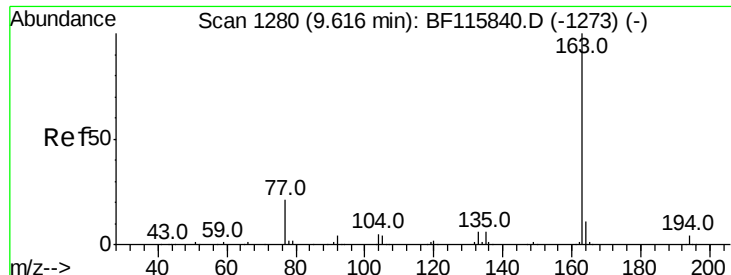
Ion Ratio Lower Upper

172 100

171 0.0 29.6 44.4#

170 0.0 20.1 30.1#

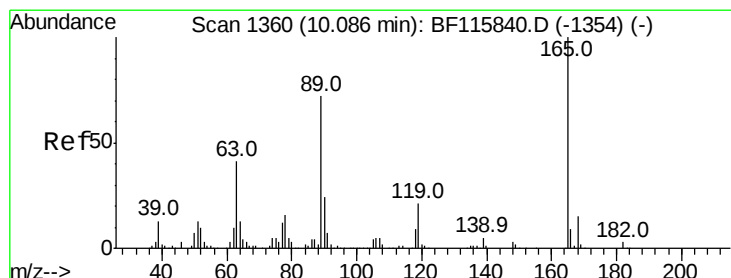
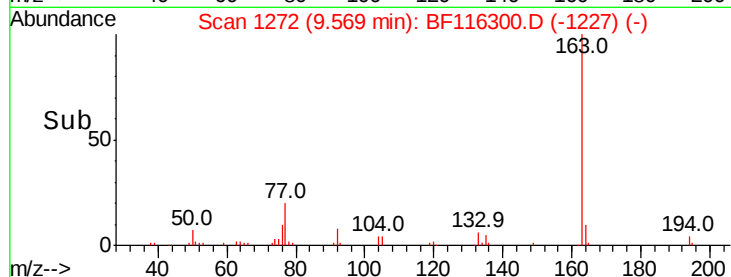
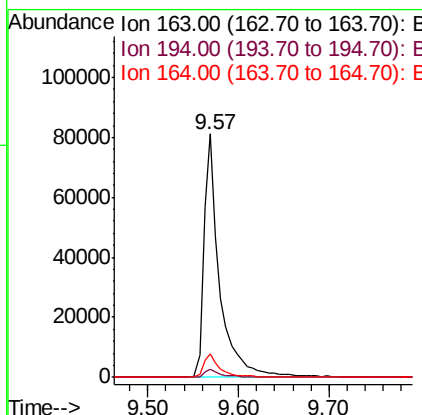
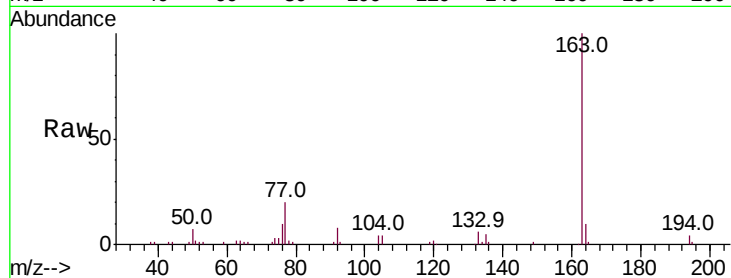




#50
Dimethylphthalate
Concen: 10.035 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116300.D
Acq: 16 Aug 2019 1:13

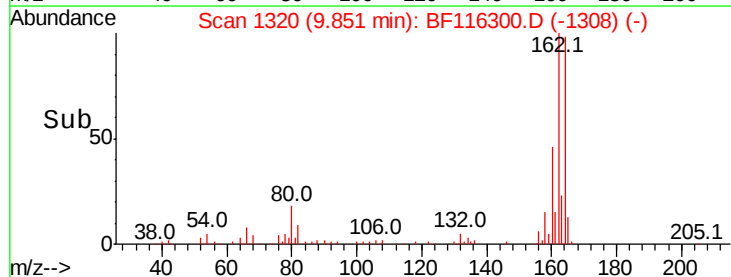
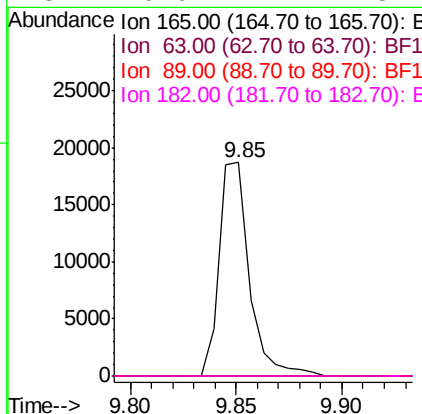
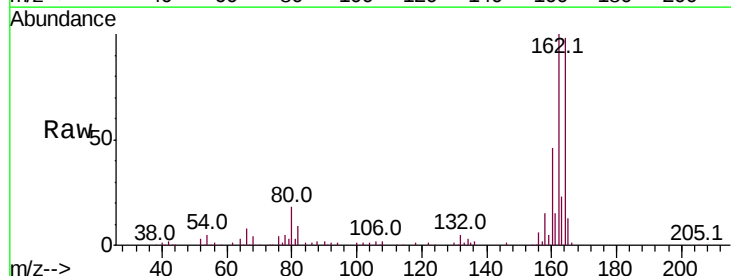
Instrument :
BNA_F
ClientSampled :
TP-4

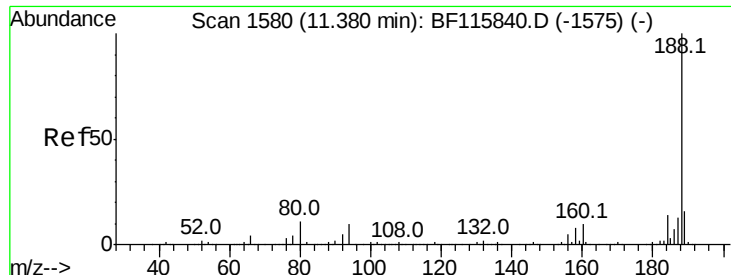
Tot Ion:163 Resp: 98714
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.6 8.4 12.6



#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#

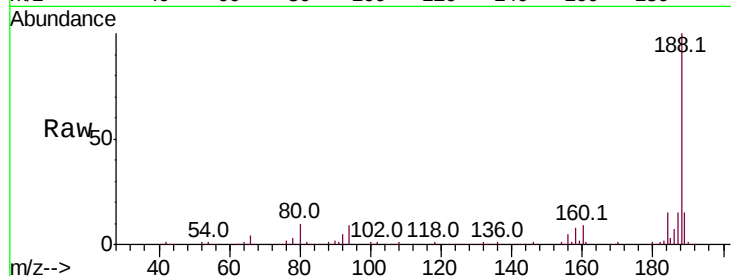




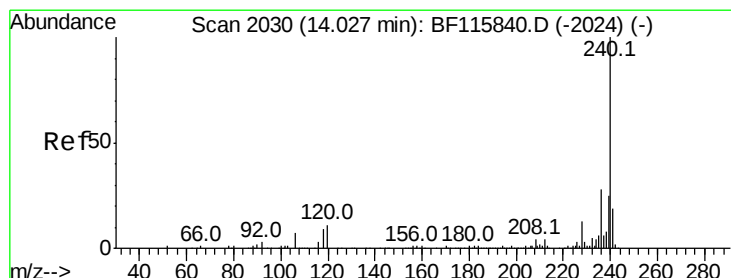
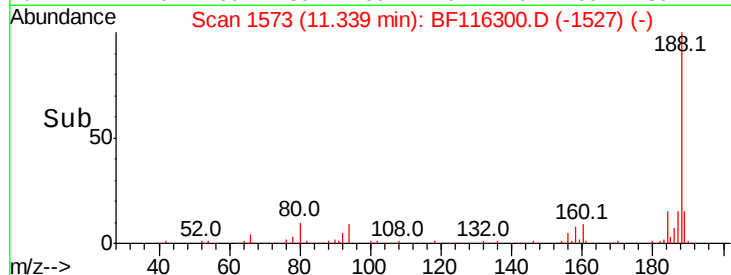
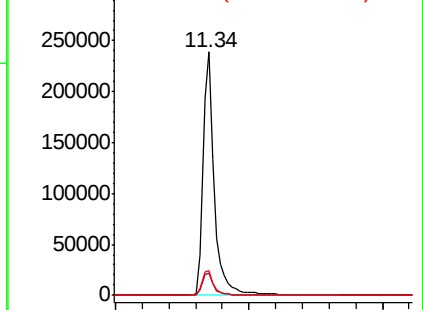
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116300.D
Acq: 16 Aug 2019 1:13

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:188 Resp: 272187
Ion Ratio Lower Upper
188 100
94 9.1 8.1 12.1
80 9.9 8.7 13.1

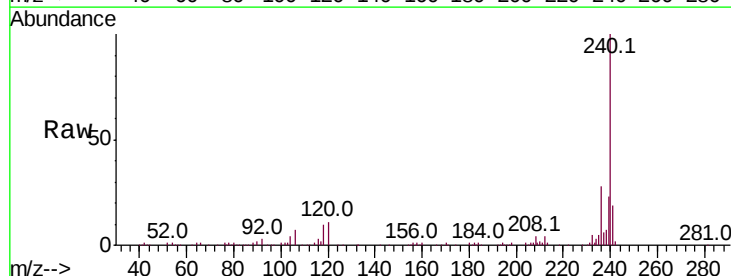


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

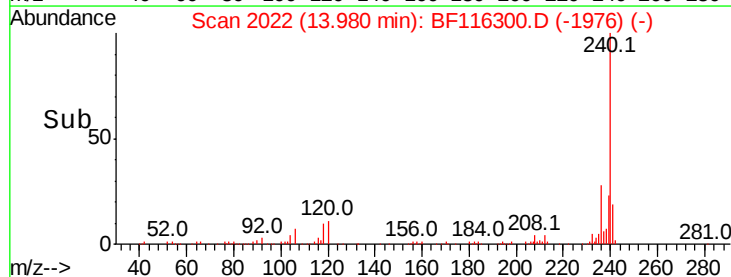
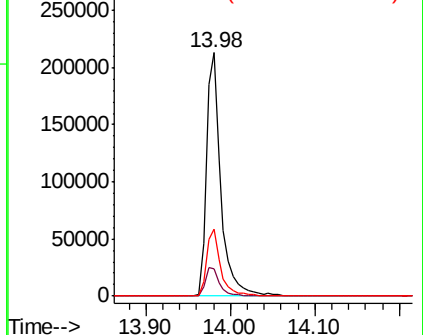


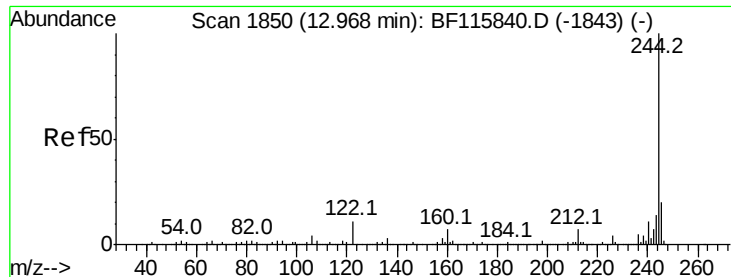
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116300.D
Acq: 16 Aug 2019 1:13

Tgt Ion:240 Resp: 251645
Ion Ratio Lower Upper
240 100
120 11.4 10.7 16.1
236 27.5 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#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 :

TP-4

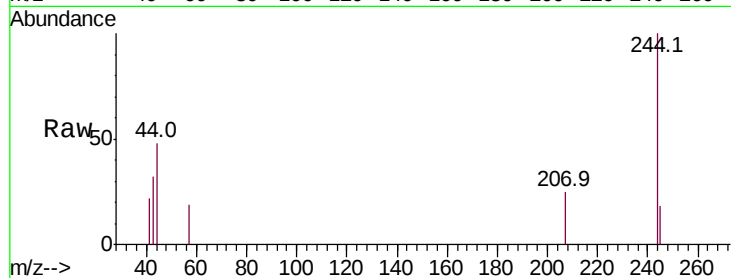
Tot Ion:244 Resp: 2072

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

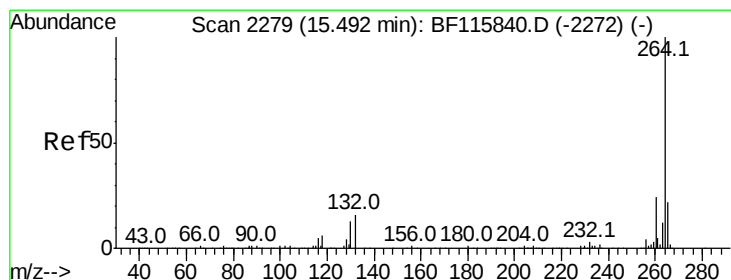
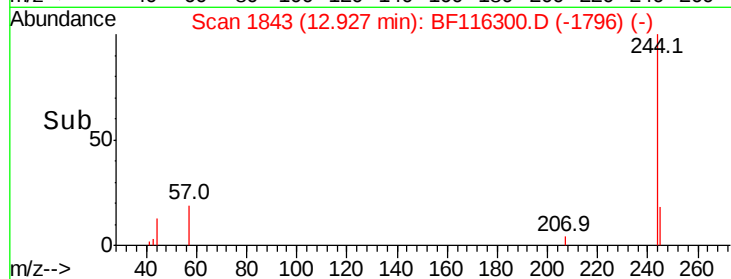
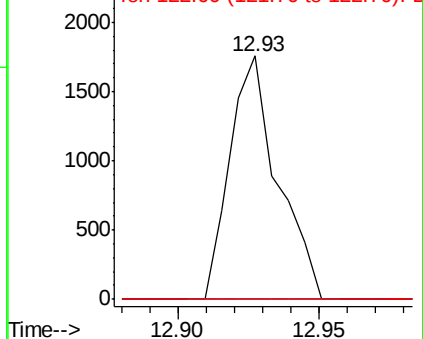
122 0.0 9.0 13.4#



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

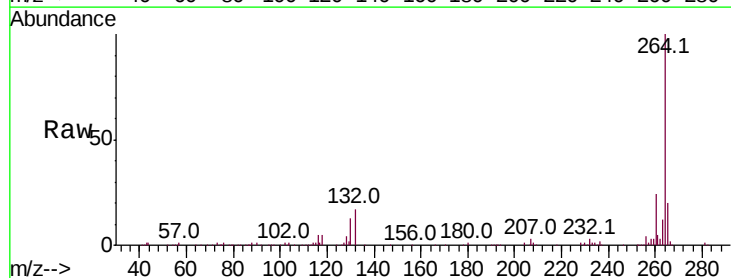
Tgt Ion:264 Resp: 263322

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

