

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116299.D
 Acq On : 16 Aug 2019 00:46
 Operator : HP/JU
 Sample : K4356-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:13:19 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

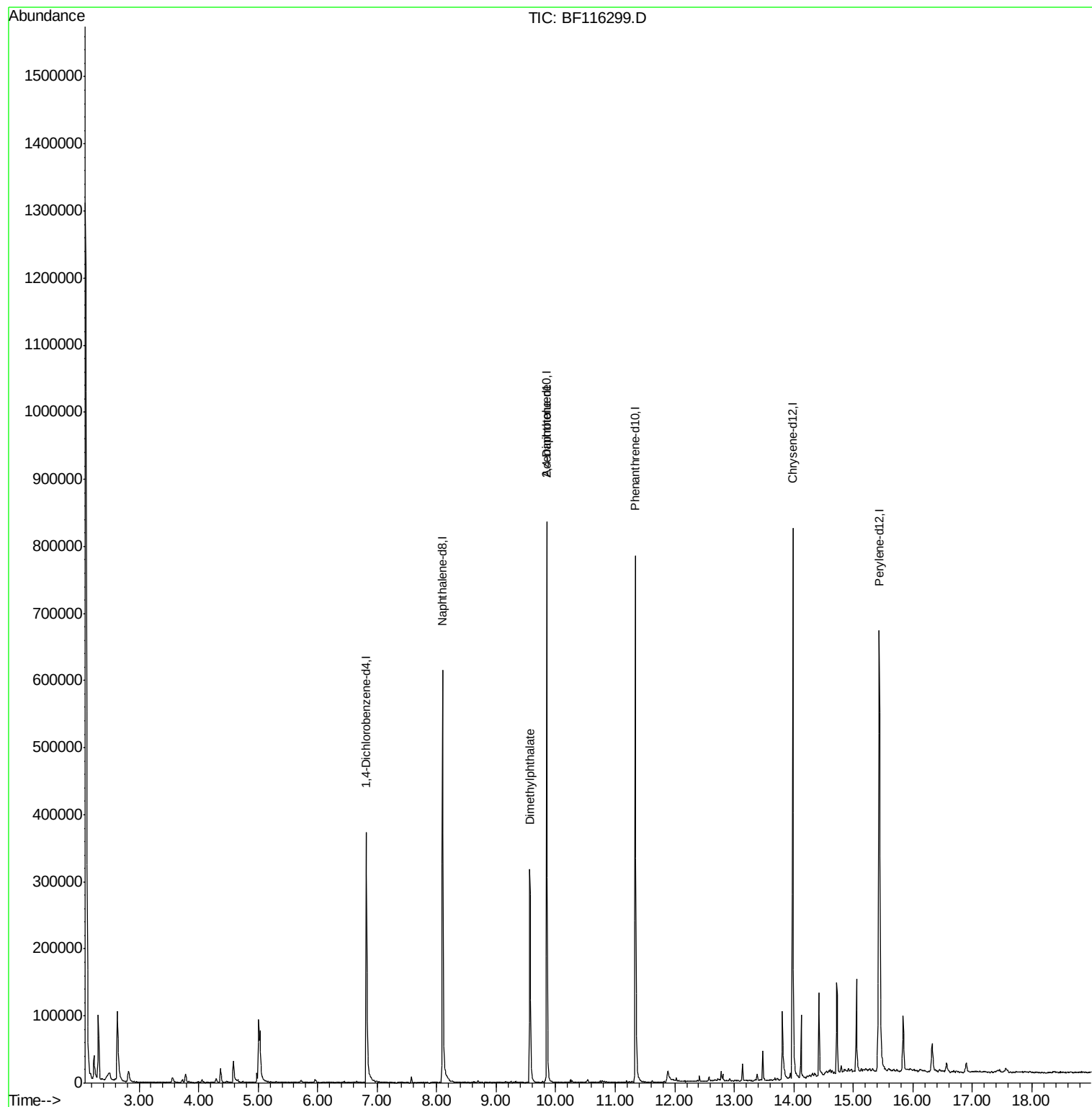
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78152	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	337297	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	185405	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	358290	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	333667	20.00	ng	-0.03
87) Perylene-d12	15.43	264	359083	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	249	0.03	ng	-0.01
79) Terphenyl-d14	12.92	244	2691	0.17	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.56	163	166174	13.163	ng	98
57) 2,4-Dinitrotoluene	9.85	165	23154	6.339	ng	# 20

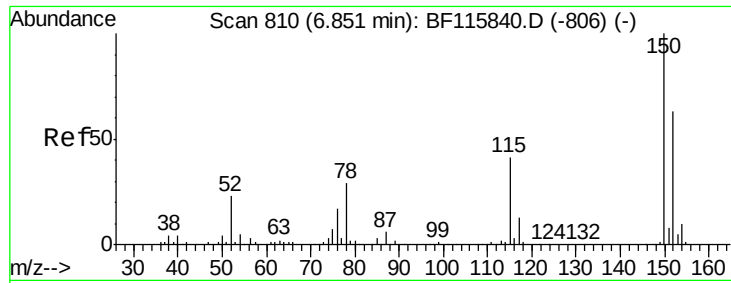
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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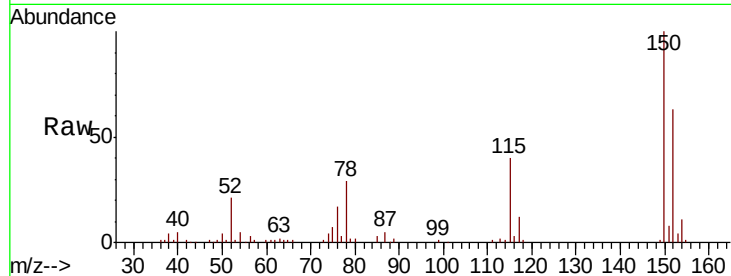


#1

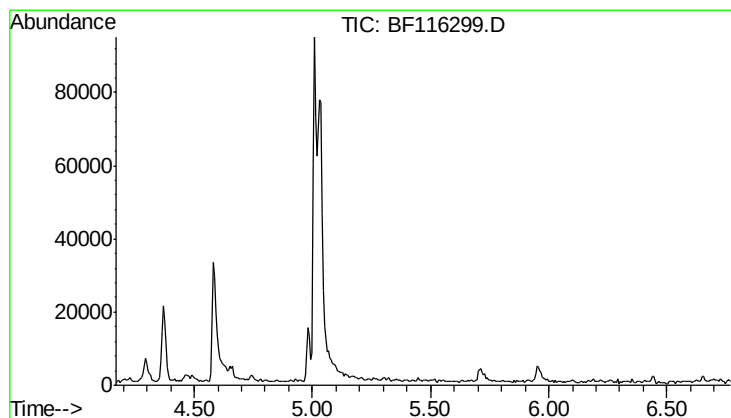
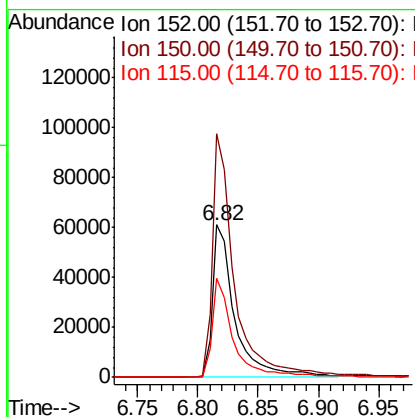
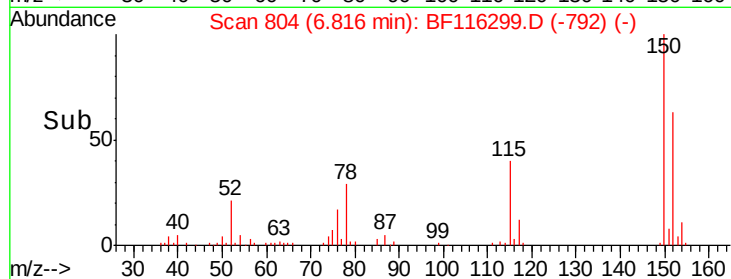
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116299.D
Acq: 16 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78152
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 64.6 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

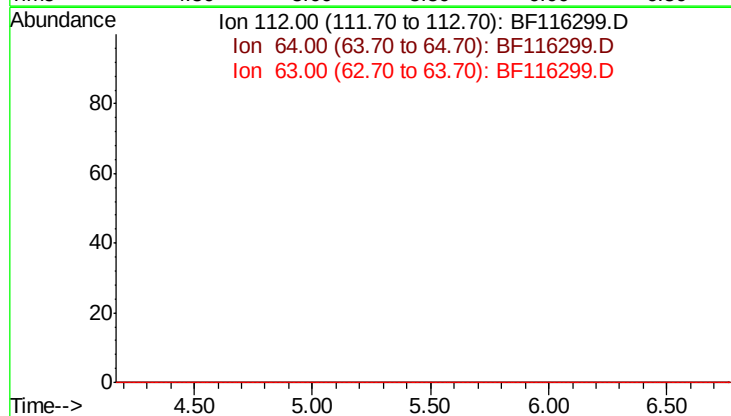


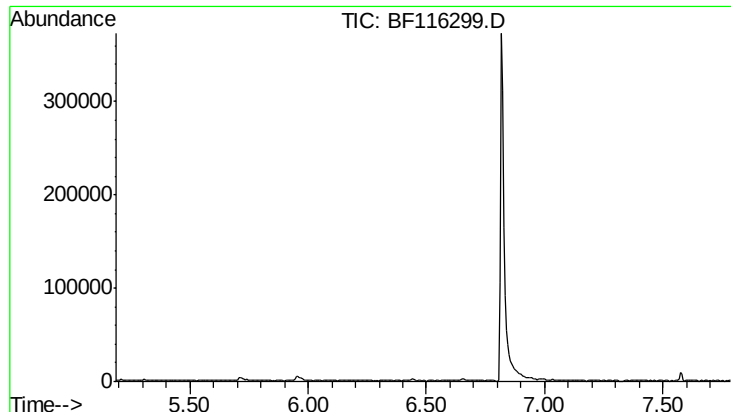
#5

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

Lab File: BF116299.D
Acq: 16 Aug 2019 00:46

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

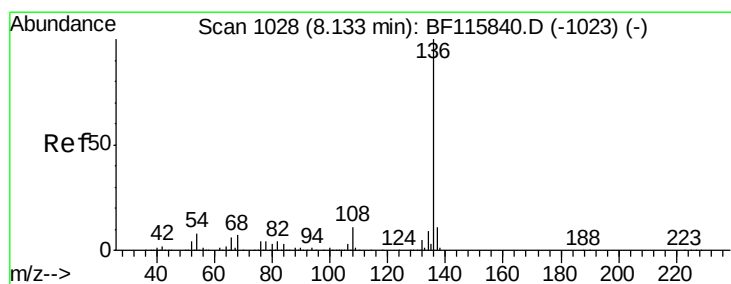
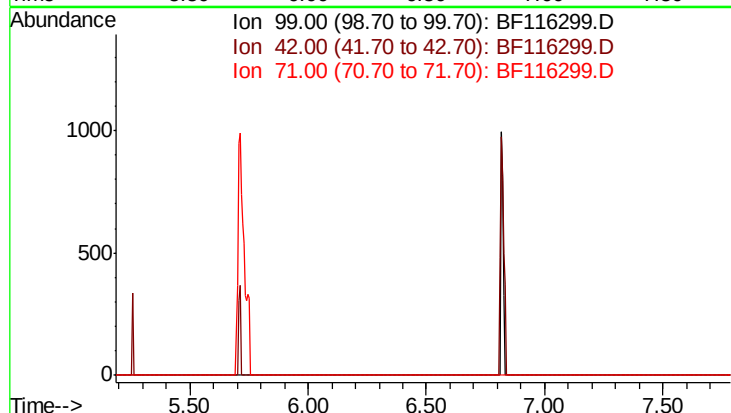




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116299.D
 Acq: 16 Aug 2019 00:46

Instrument :
 BNA_F
 ClientSampleId :

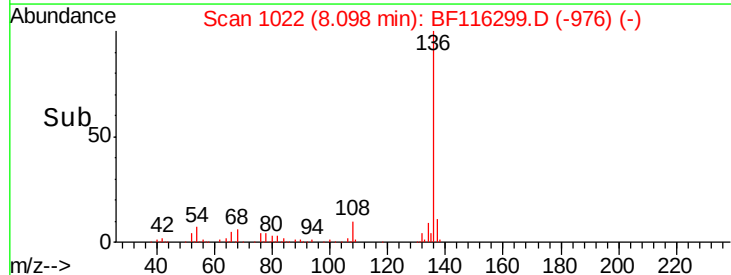
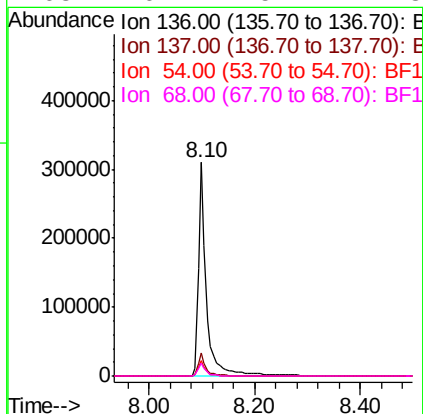
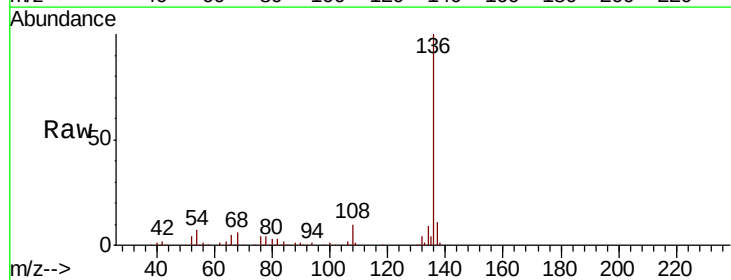
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1

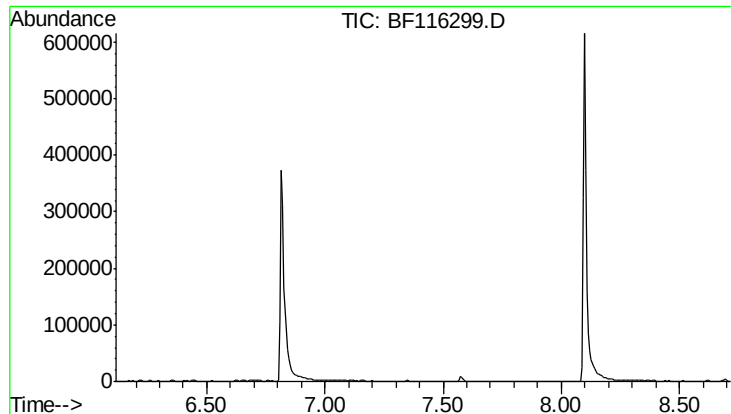


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF116299.D
 Acq: 16 Aug 2019 00:46

Tgt Ion: 136 Resp: 337297

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.8	8.6
68	6.1	5.2	7.8

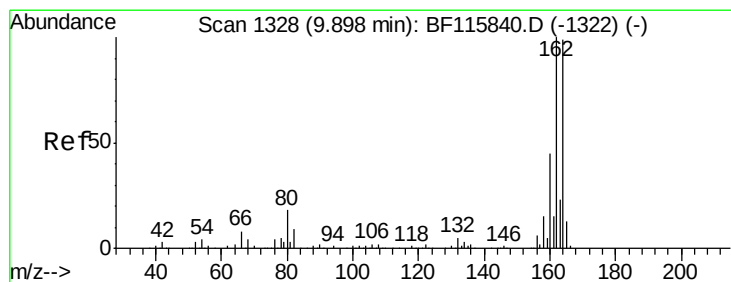
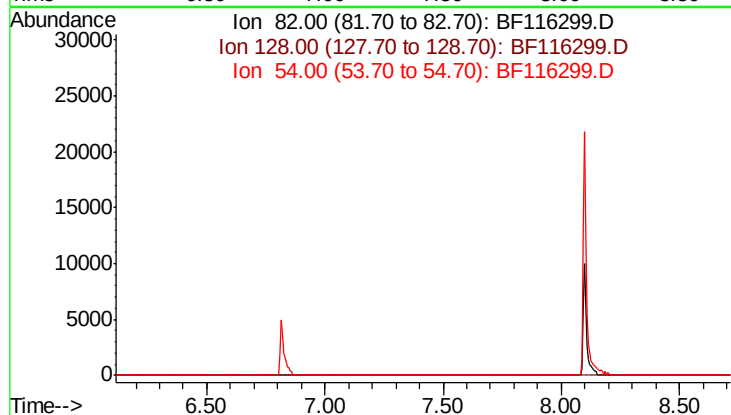




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116299.D
 Acq: 16 Aug 2019 00:46

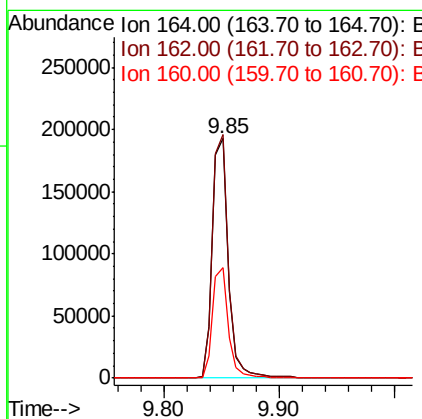
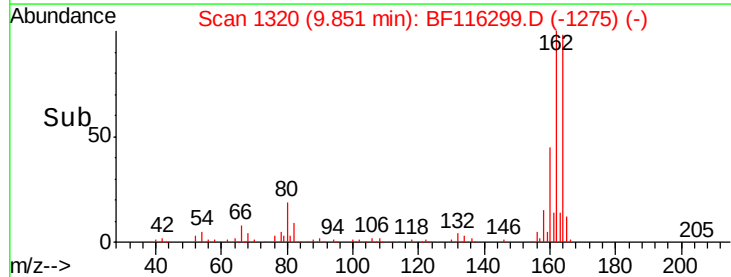
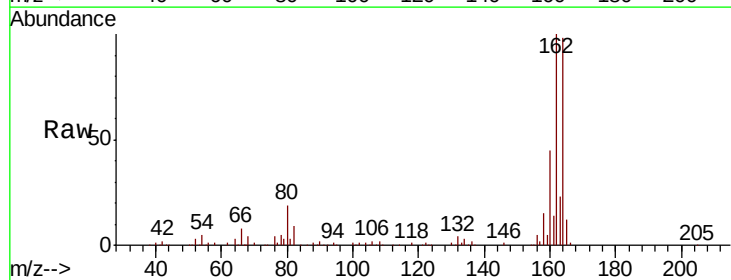
Instrument :
 BNA_F
 ClientSampleId :

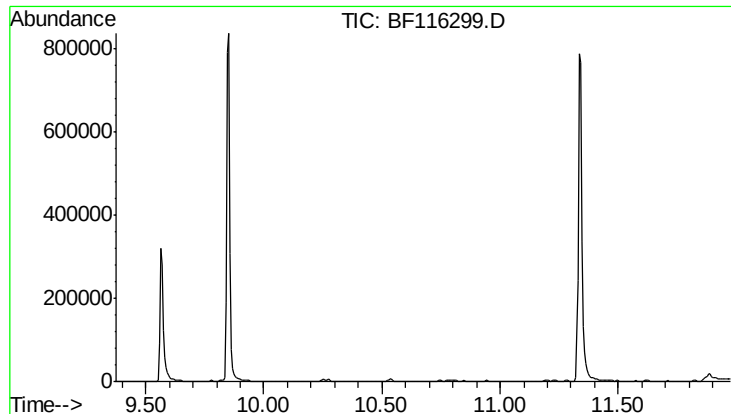
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116299.D
 Acq: 16 Aug 2019 00:46

Tgt Ion: 164 Resp: 185405
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 124.0
 160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF116299.D

Acq: 16 Aug 2019 00:46

Instrument :

BNA_F

ClientSampleId :

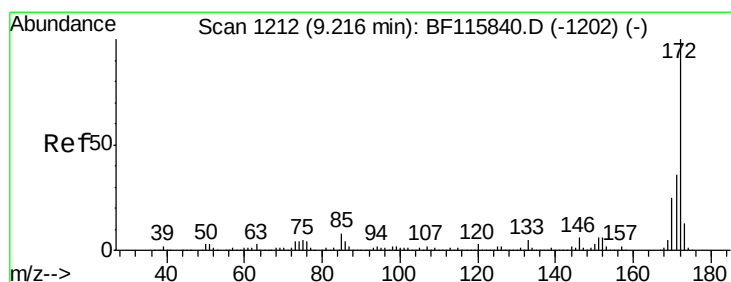
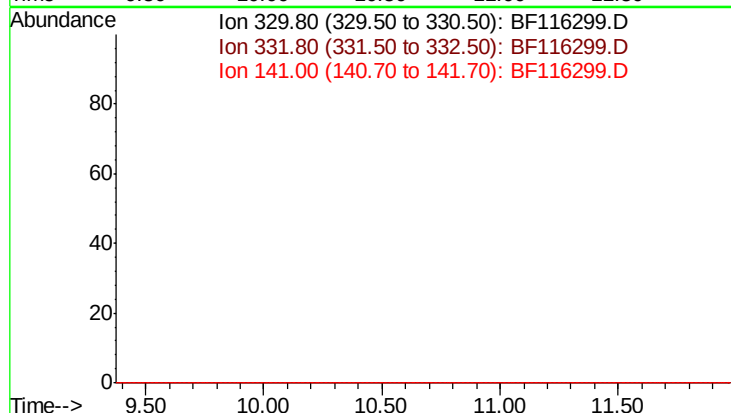
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 32.9



#45

2-Fluorobiphenyl

Concen: 0.025 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116299.D

Acq: 16 Aug 2019 00:46

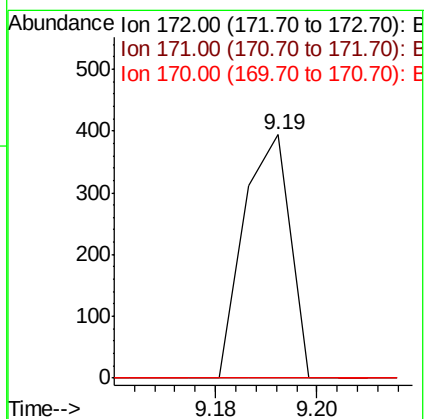
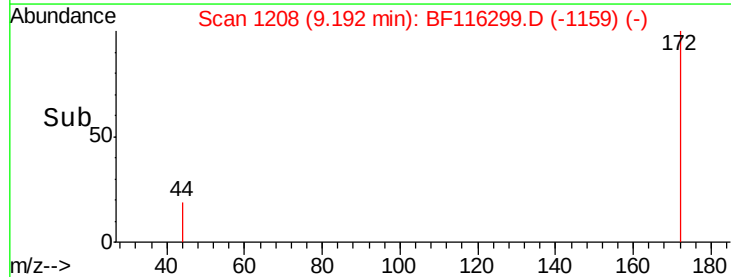
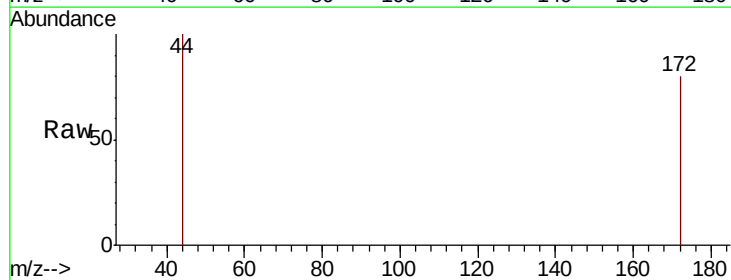
Tgt Ion: 172 Resp: 249

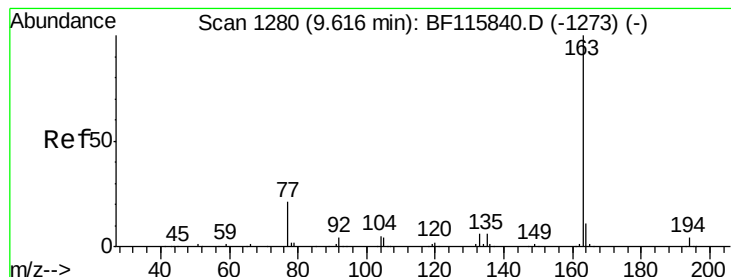
Ion Ratio Lower Upper

172 100

171 0.0 29.6 44.4#

170 0.0 20.1 30.1#





#50

Dimethylphthalate

Concen: 13.163 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116299.D

Acq: 16 Aug 2019 00:46

Instrument :

BNA_F

ClientSampleId :

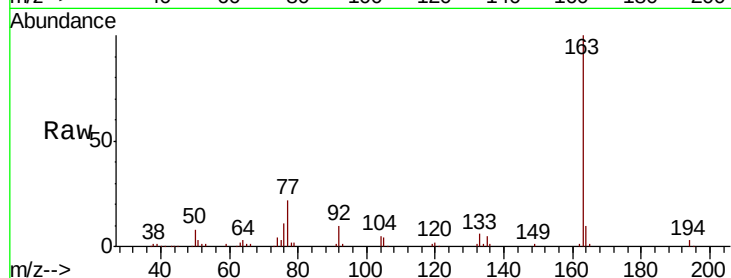
Tot Ion:163 Resp: 166174

Ion Ratio Lower Upper

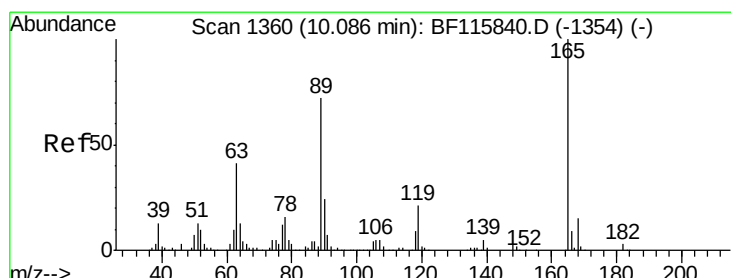
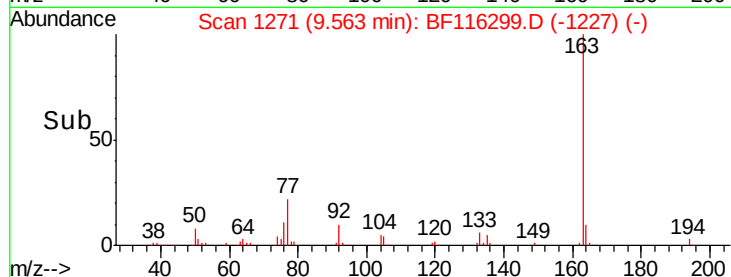
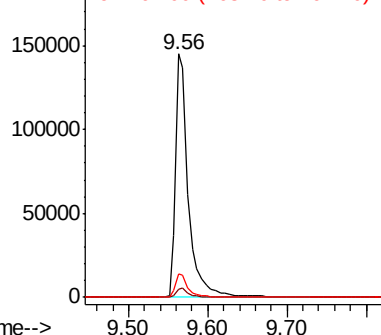
163 100

194 3.5 3.0 4.6

164 9.8 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: 6.339 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF116299.D

Acq: 16 Aug 2019 00:46

Tgt Ion:165 Resp: 23154

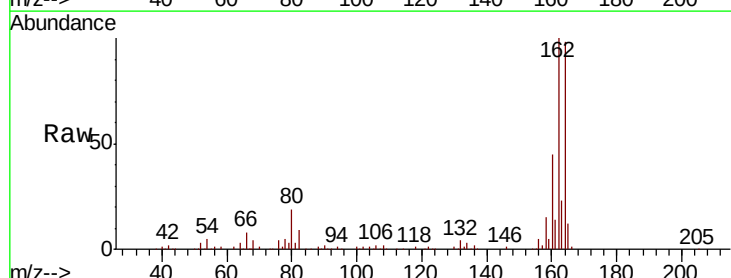
Ion Ratio Lower Upper

165 100

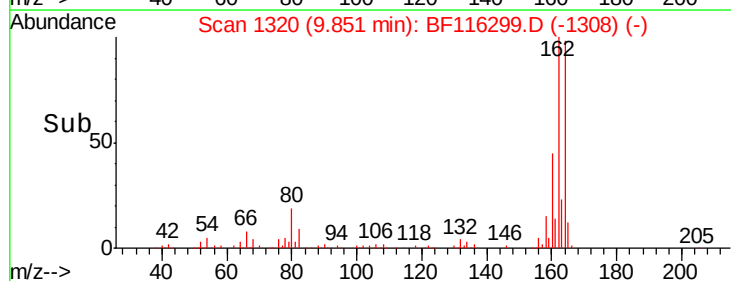
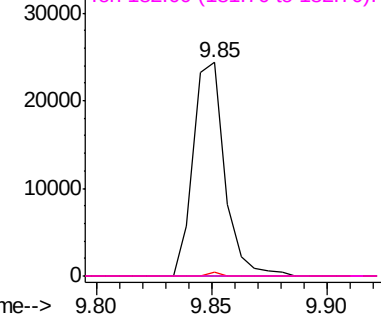
63 0.0 39.6 59.4#

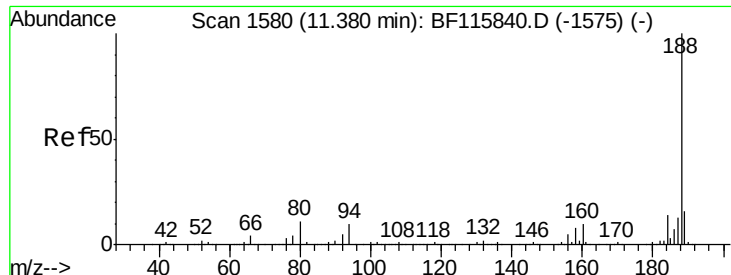
89 1.7 62.2 93.2#

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

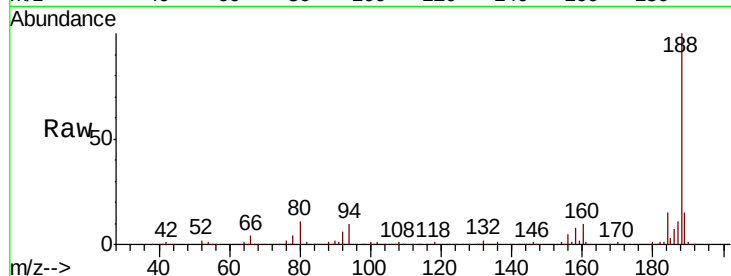




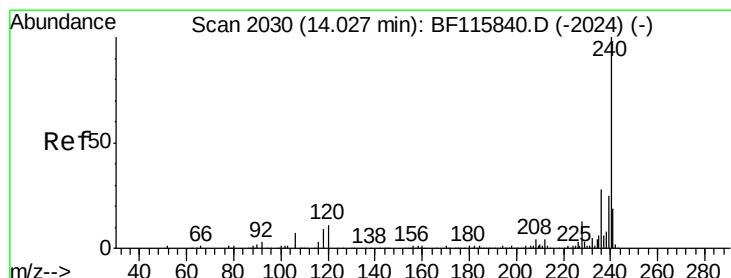
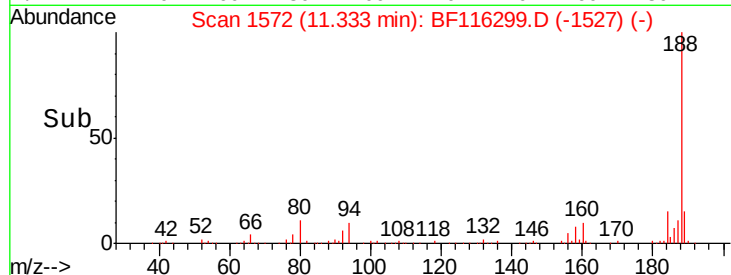
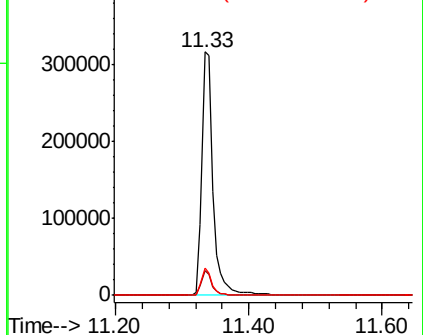
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116299.D
Acq: 16 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

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

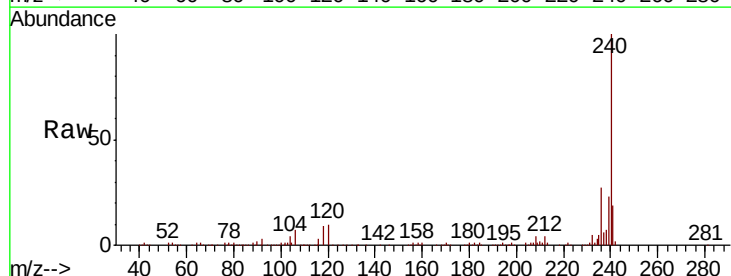


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

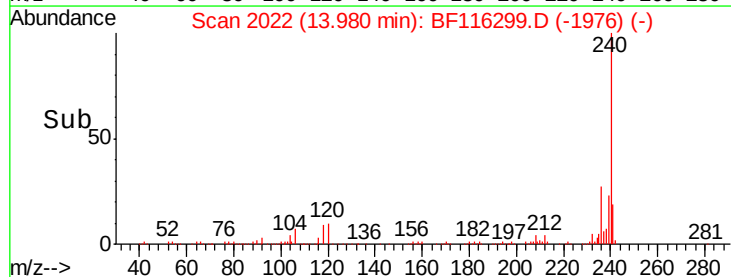
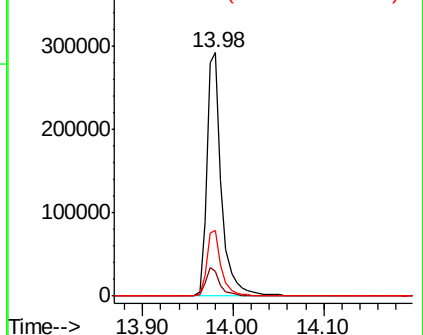


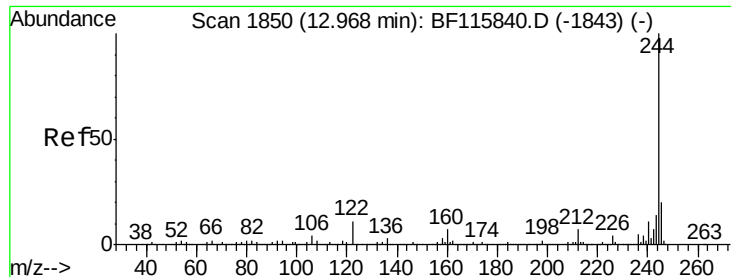
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116299.D
Acq: 16 Aug 2019 00:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.7	16.1#
236	26.7	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

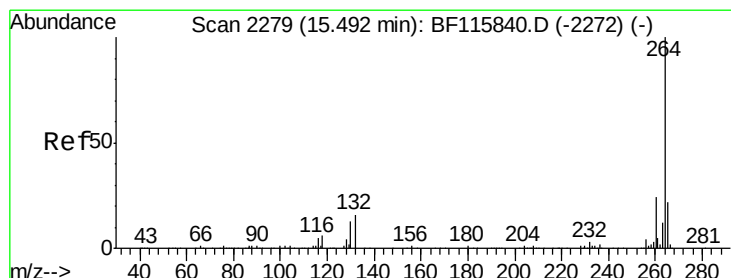
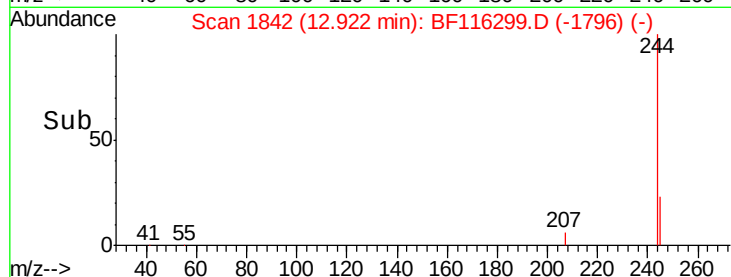
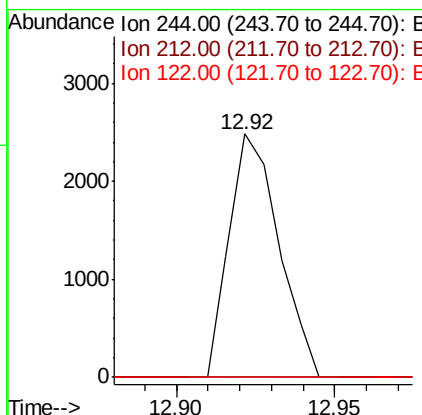
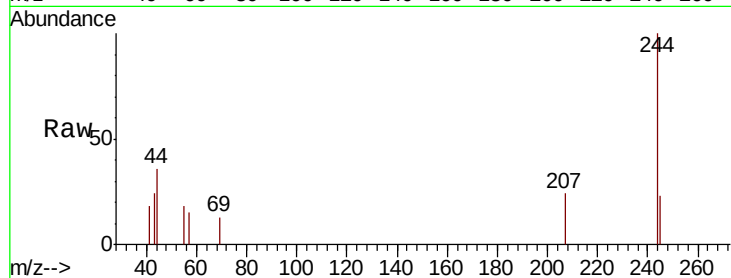




#79
 Terphenyl-d14
 Concen: 0.170 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116299.D
 Acq: 16 Aug 2019 00:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2691
 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: BF116299.D
 Acq: 16 Aug 2019 00:46

Tgt Ion:264 Resp: 359083
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 20.9 17.4 26.0

