

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116440.D
 Acq On : 20 Aug 2019 19:58
 Operator : HP/JU
 Sample : K4386-31
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-A1-A4-(0-2)

Quant Time: Aug 21 01:59:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

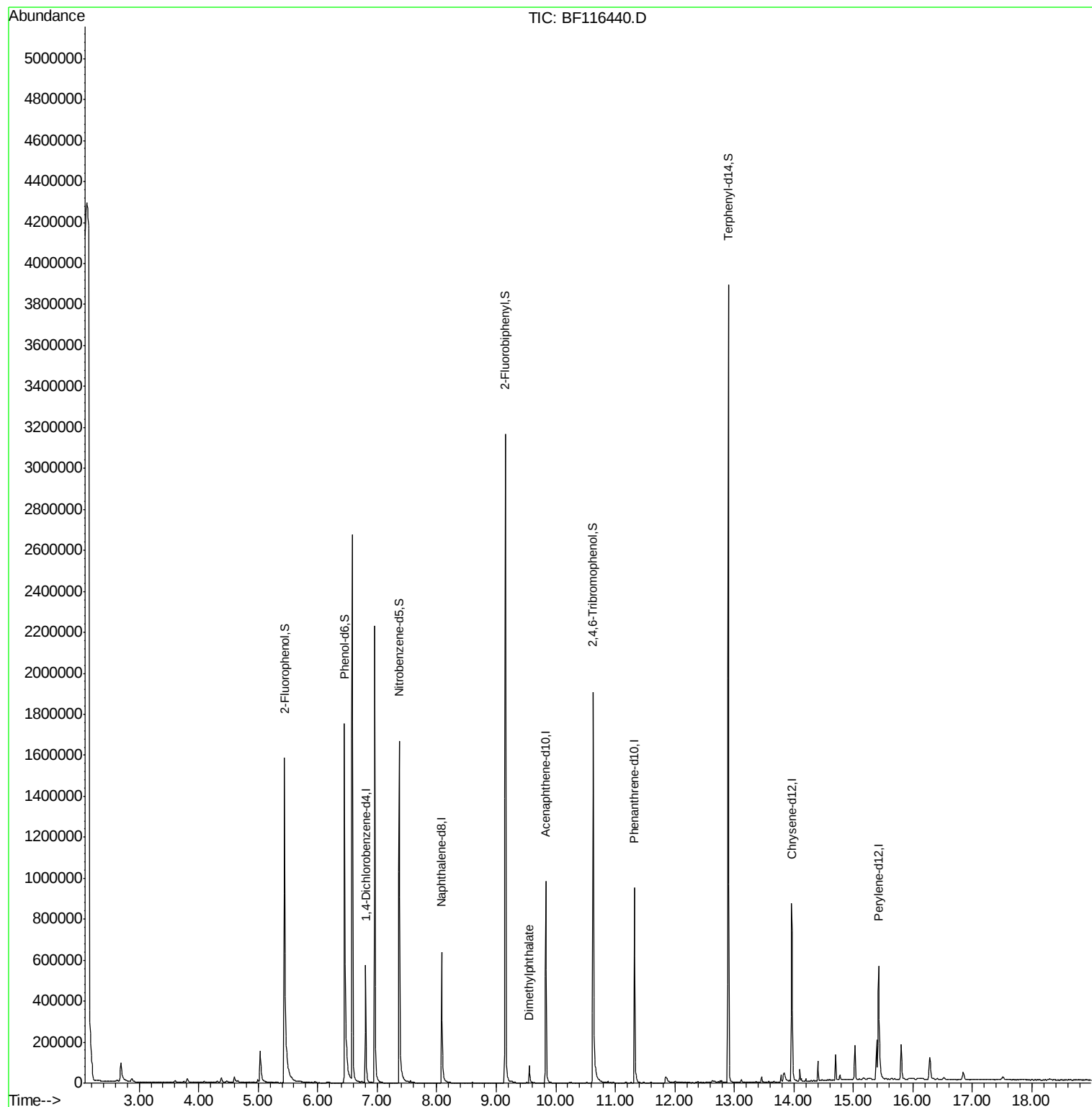
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94077	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	365077	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	198155	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	373100	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	332066	20.00	ng	-0.02
87) Perylene-d12	15.42	264	333528	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	685796	122.03	ng	0.00
7) Phenol-d6	6.45	99	827908	116.77	ng	-0.01
23) Nitrobenzene-d5	7.37	82	629294	99.50	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	288209	150.02	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1081188	102.20	ng	-0.01
79) Terphenyl-d14	12.90	244	1424835	90.41	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	47837	3.546	ng	Qvalue 97

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

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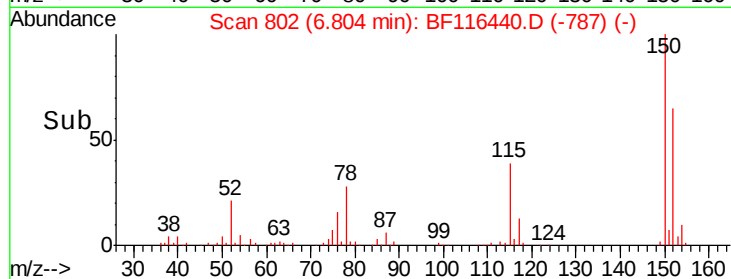
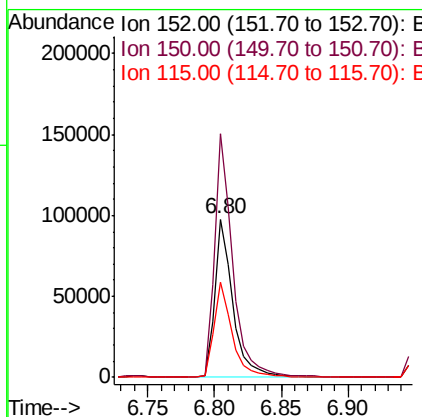
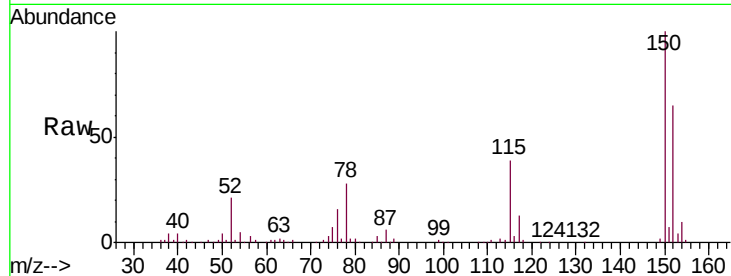


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116440.D
 Acq: 20 Aug 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :
 T6-A1-A4-(0-2)

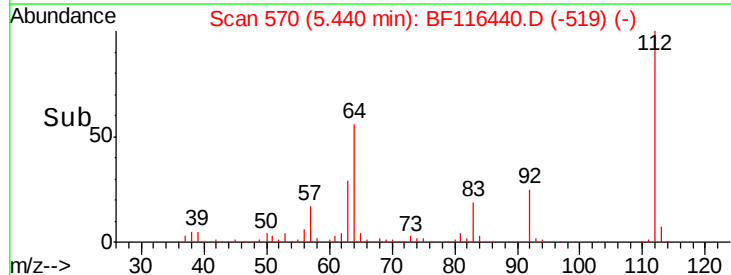
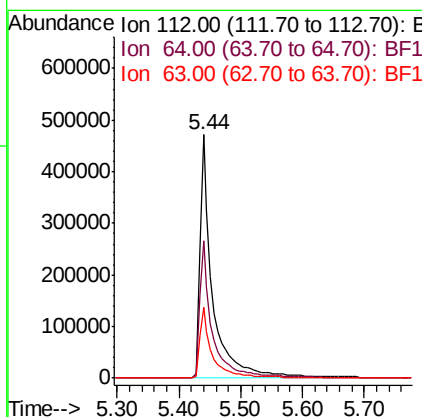
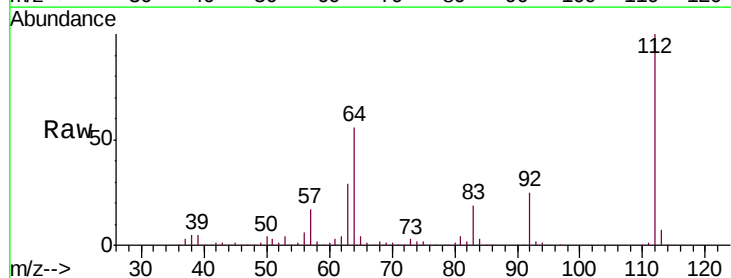
Tot Ion:152 Resp: 94077
 Ion Ratio Lower Upper
 152 100
 150 153.7 126.2 189.2
 115 60.3 49.9 74.9



#5

2-Fluorophenol
 Concen: 122.035 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF116440.D
 Acq: 20 Aug 2019 19:58

Tgt Ion:112 Resp: 685796
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.4 68.2
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 116.768 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116440.D

Acq: 20 Aug 2019 19:58

Instrument :

BNA_F

ClientSampleId :

T6-A1-A4-(0-2)

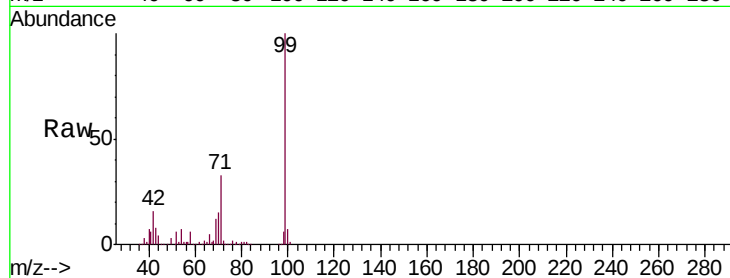
Tot Ion: 99 Resp: 827908

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.8

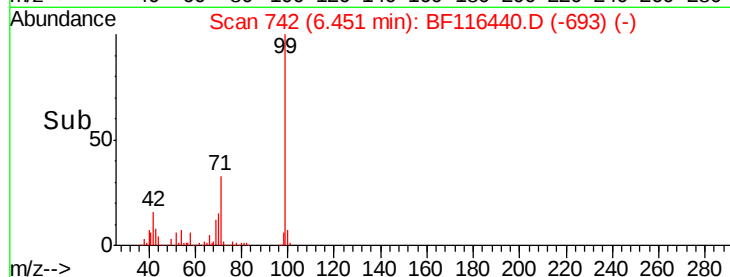
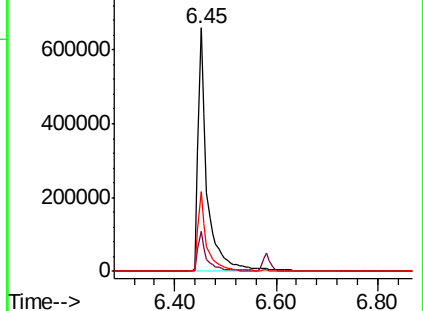
71 32.8 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116440.D

Acq: 20 Aug 2019 19:58

Tgt Ion: 136 Resp: 365077

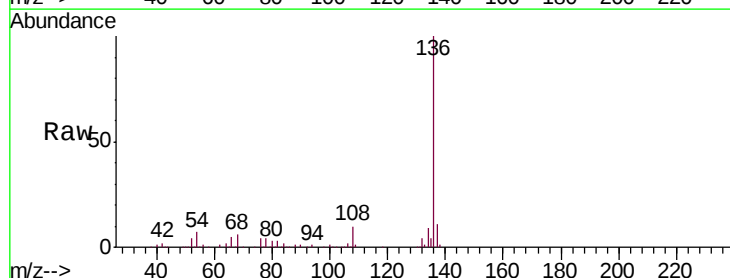
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.7 5.8 8.6

68 5.9 5.2 7.8

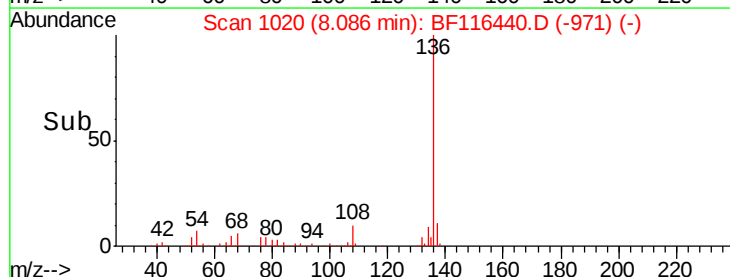
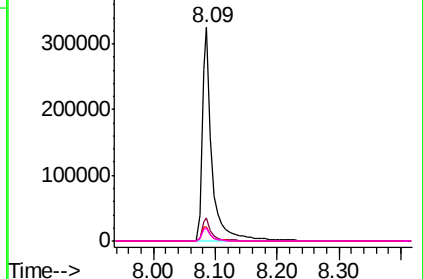


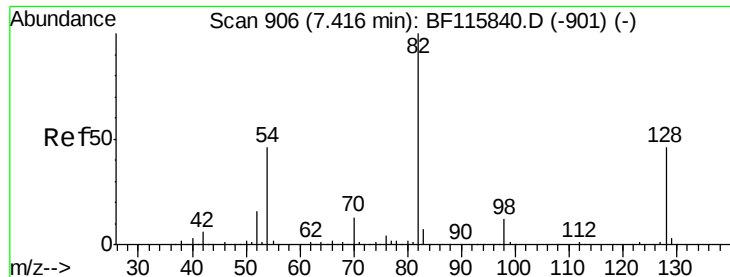
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

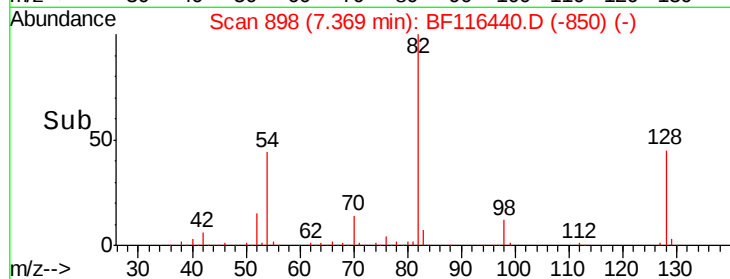
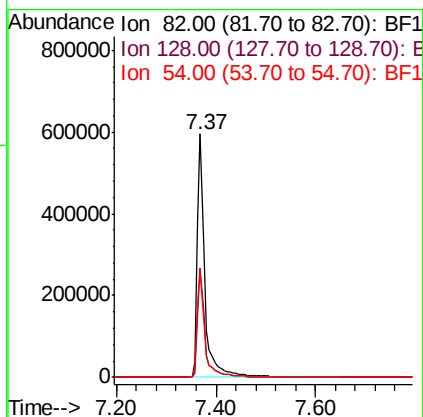
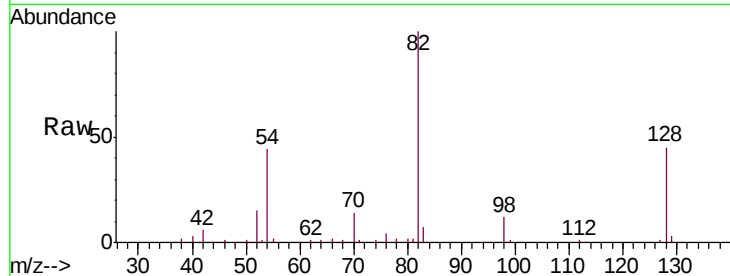




#23
 Nitrobenzene-d5
 Concen: 99.499 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116440.D
 Acq: 20 Aug 2019 19:58

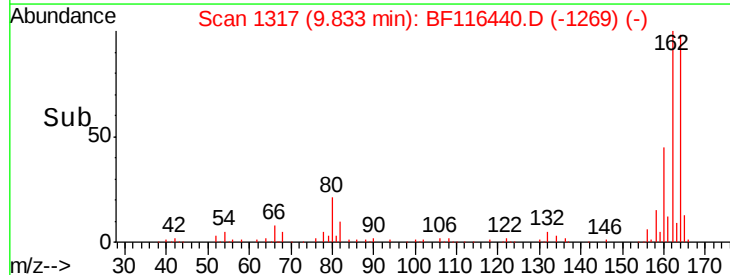
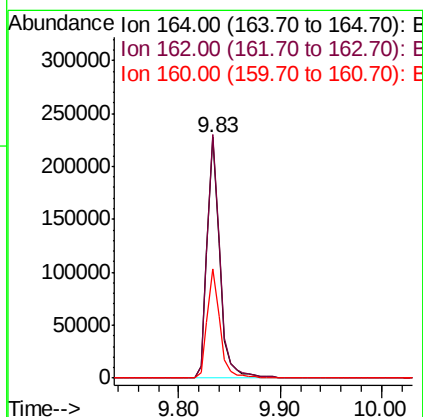
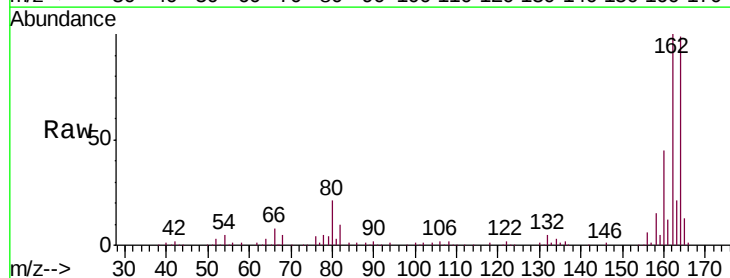
Instrument :
 BNA_F
 ClientSampleId :
 T6-A1-A4-(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.5	54.7
54	44.3	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116440.D
 Acq: 20 Aug 2019 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	124.0
160	45.3	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 150.018 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116440.D

Acq: 20 Aug 2019 19:58

Instrument :

BNA_F

ClientSampleId :

T6-A1-A4-(0-2)

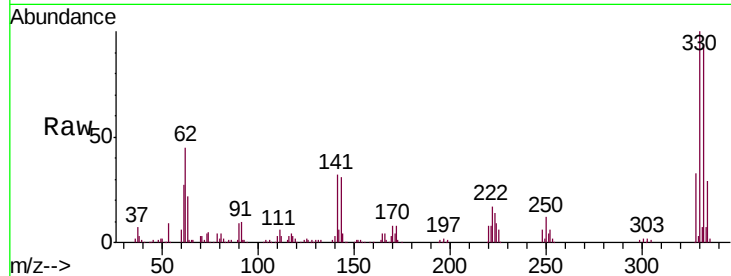
Tot Ion:330 Resp: 288209

Ion Ratio Lower Upper

330 100

332 94.9 76.8 115.2

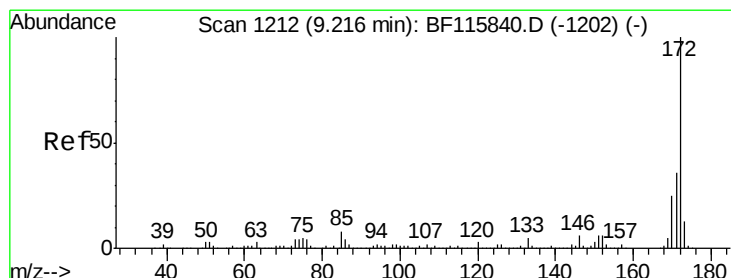
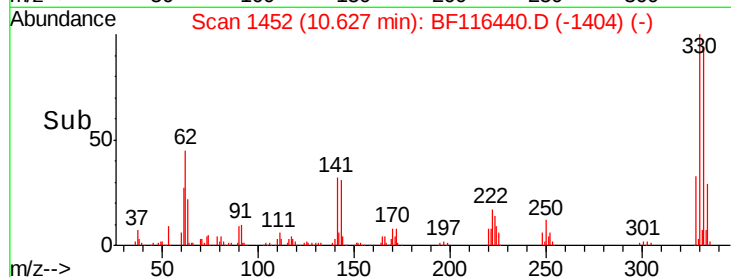
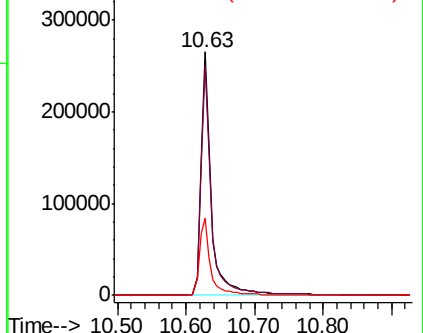
141 34.3 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 102.200 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116440.D

Acq: 20 Aug 2019 19:58

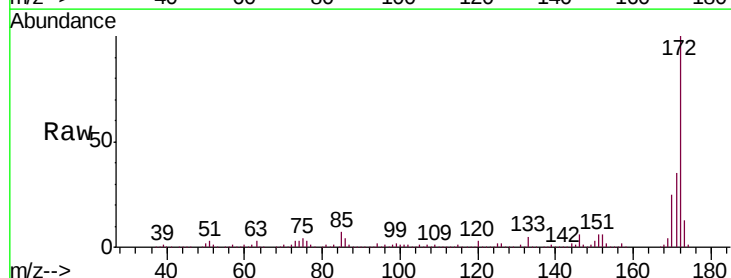
Tgt Ion:172 Resp: 1081188

Ion Ratio Lower Upper

172 100

171 35.0 29.6 44.4

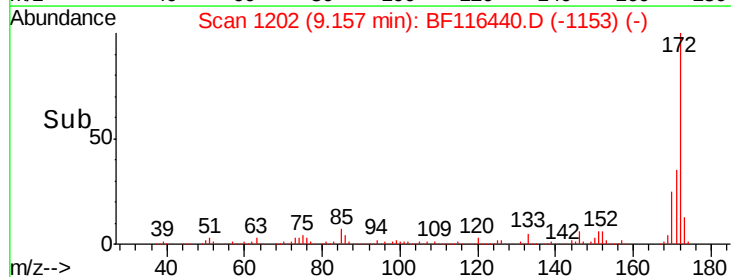
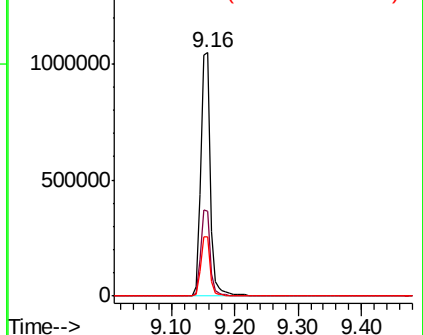
170 24.6 20.1 30.1

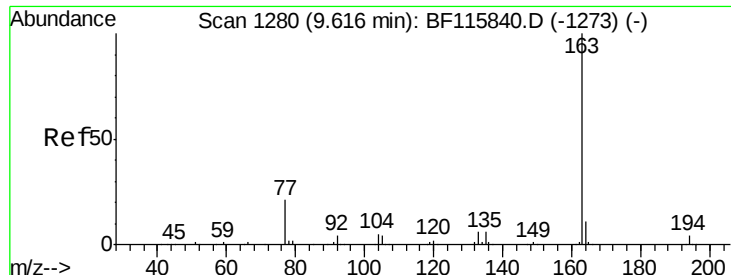


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

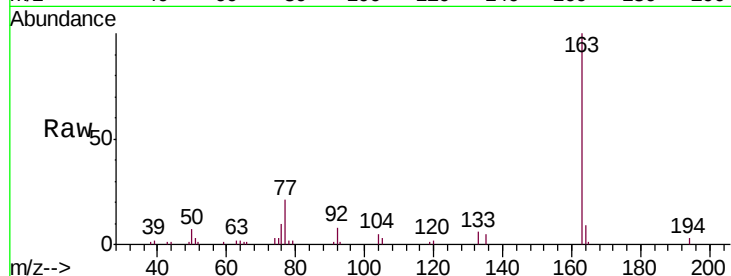




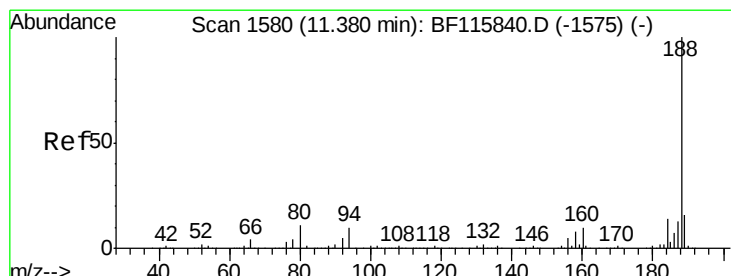
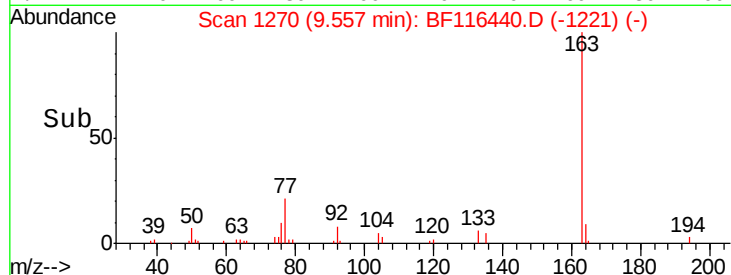
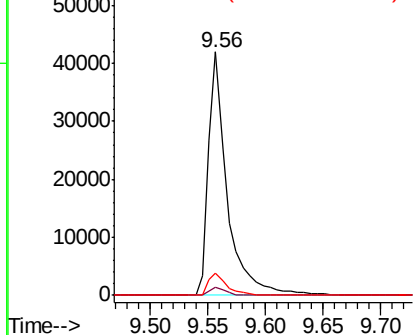
#50
Dimethylphthalate
Concen: 3.546 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116440.D
Acq: 20 Aug 2019 19:58

Instrument :
BNA_F
ClientSampleId :
T6-A1-A4-(0-2)

Tot Ion:163 Resp: 47837
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.0 8.4 12.6

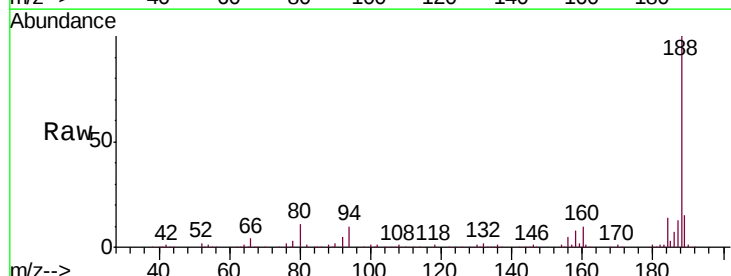


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

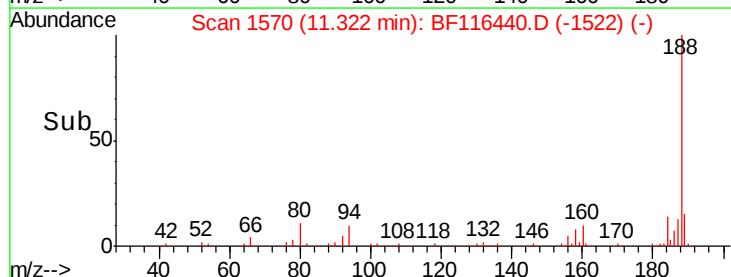
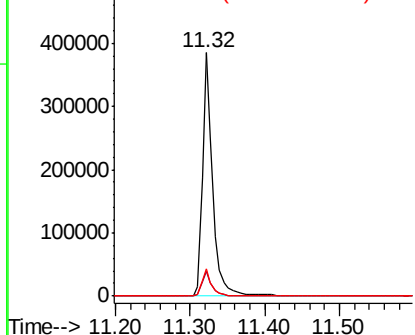


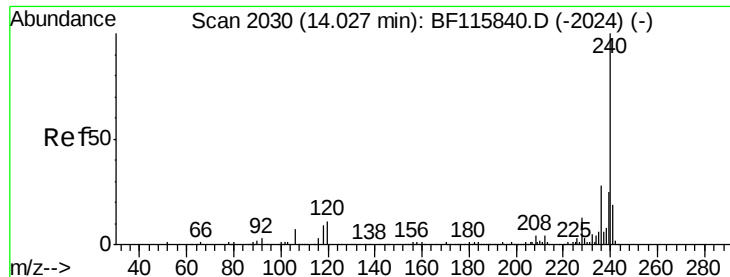
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116440.D
Acq: 20 Aug 2019 19:58

Tgt Ion:188 Resp: 373100
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.0 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

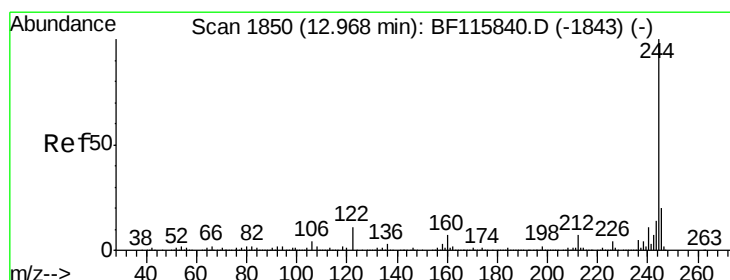
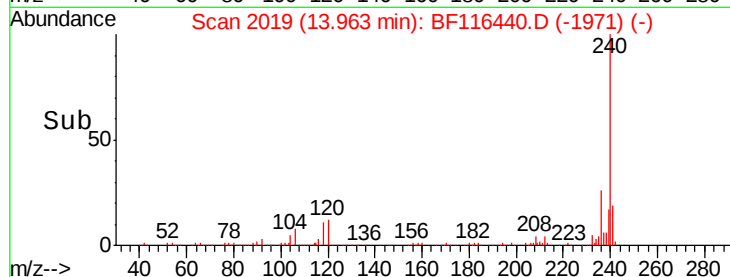
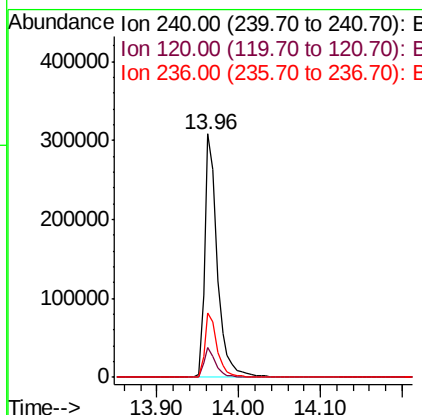
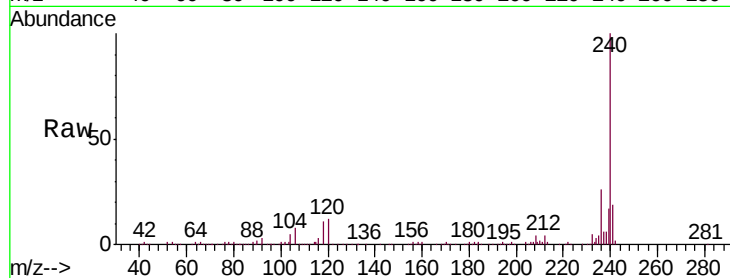




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116440.D
Acq: 20 Aug 2019 19:58

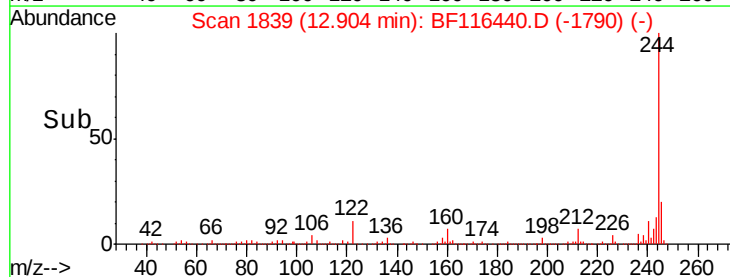
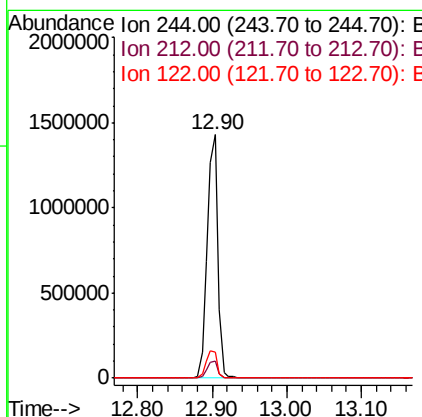
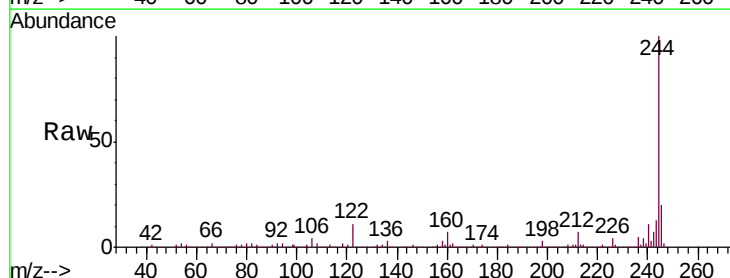
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T6-A1-A4-(0-2)

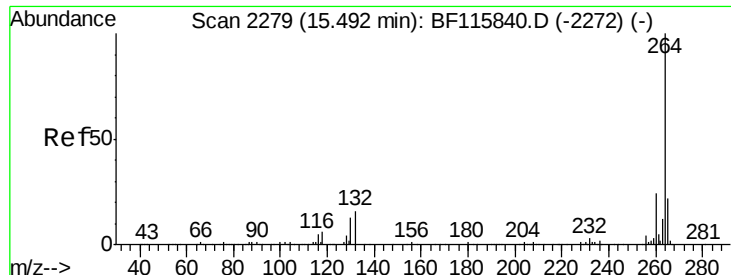
Tot Ion:240 Resp: 332066
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.4 22.2 33.2



#79
Terphenyl-d14
Concen: 90.415 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116440.D
Acq: 20 Aug 2019 19:58

Tgt Ion:244 Resp: 1424835
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.8 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116440.D
Acq: 20 Aug 2019 19:58

Instrument :
BNA_F
ClientSampleId :
T6-A1-A4-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	22.0	17.4	26.0

