

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116441.D
 Acq On : 20 Aug 2019 20:26
 Operator : HP/JU
 Sample : K4387-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-C-(0-2)

Quant Time: Aug 21 02:02:19 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

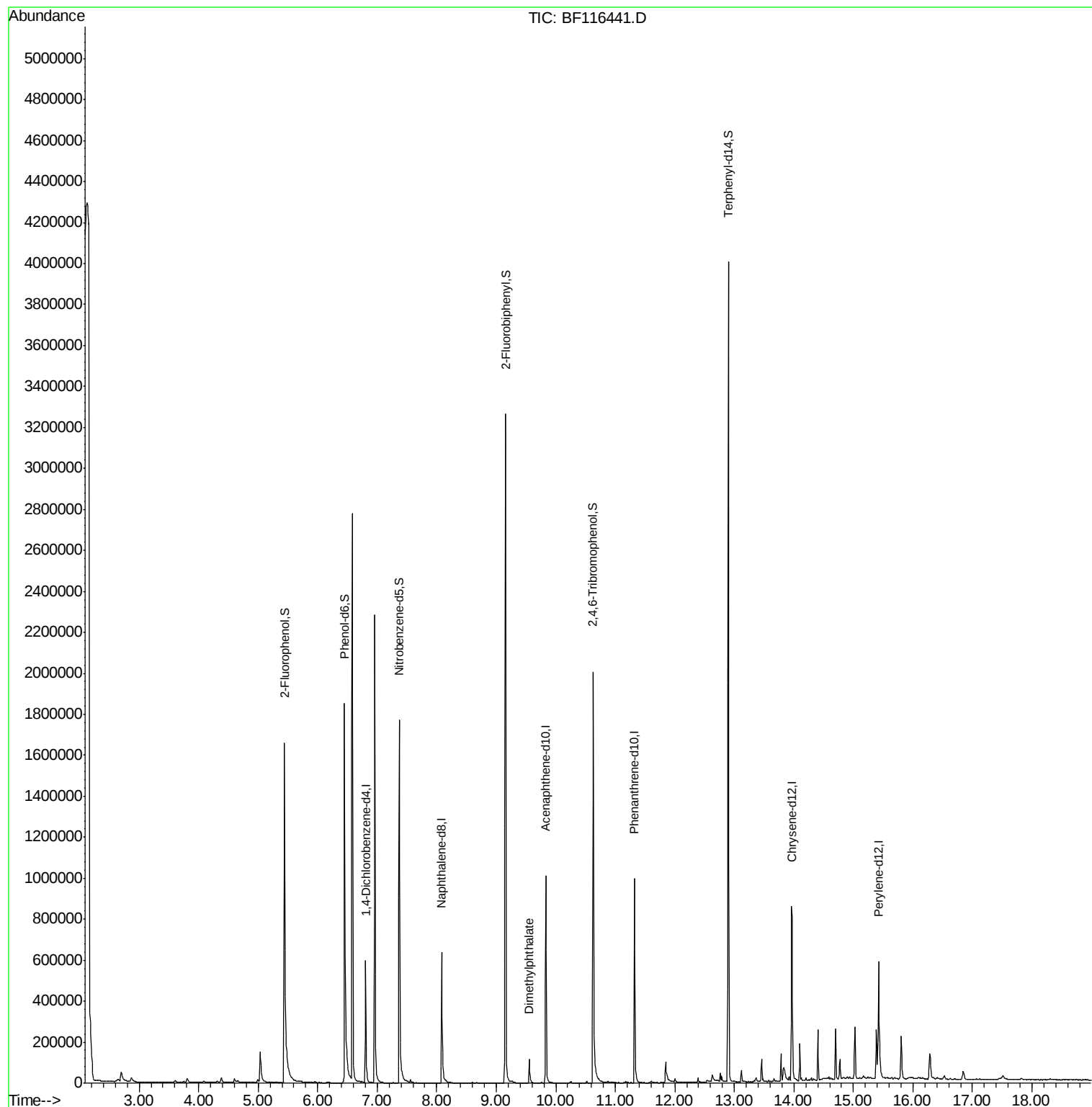
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95091	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	370064	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	203104	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	385971	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	332301	20.00	ng	-0.02
87) Perylene-d12	15.42	264	335753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	718181	126.43	ng	0.00
7) Phenol-d6	6.45	99	858670	119.81	ng	-0.01
23) Nitrobenzene-d5	7.37	82	645826	100.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	294051	149.33	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1098486	101.31	ng	-0.01
79) Terphenyl-d14	12.90	244	1441091	91.38	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	67349	4.870	ng	Qvalue 98

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

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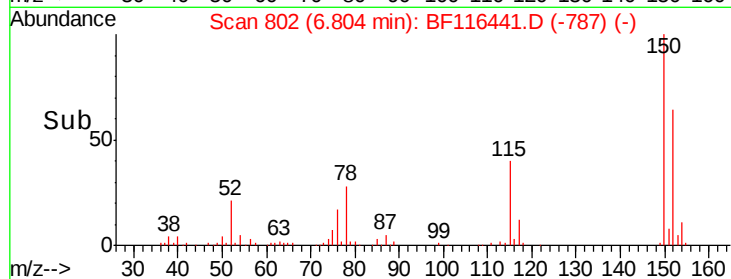
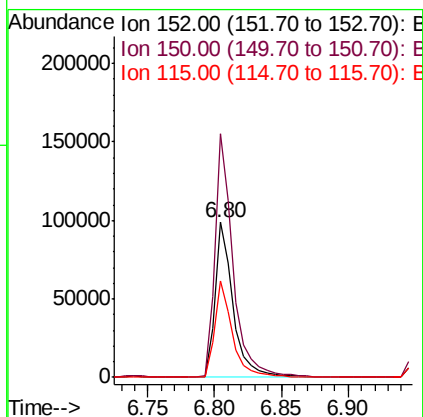
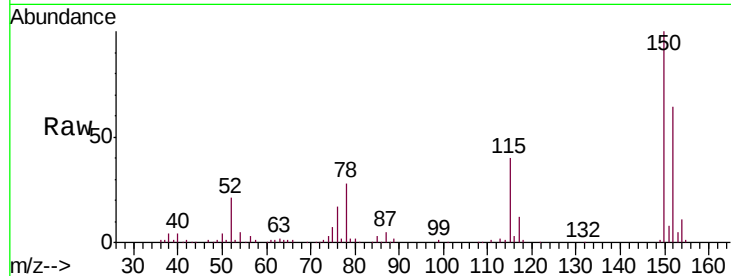


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116441.D
Acq: 20 Aug 2019 20:26

Instrument :
BNA_F
ClientSampleId :
T6-C-(0-2)

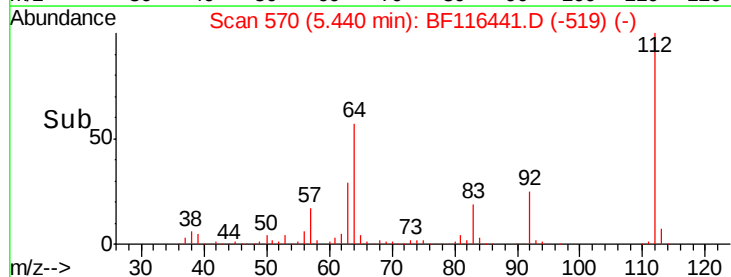
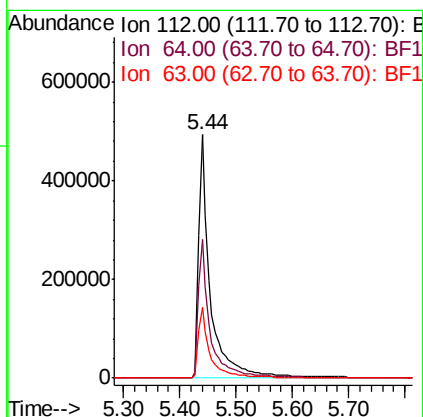
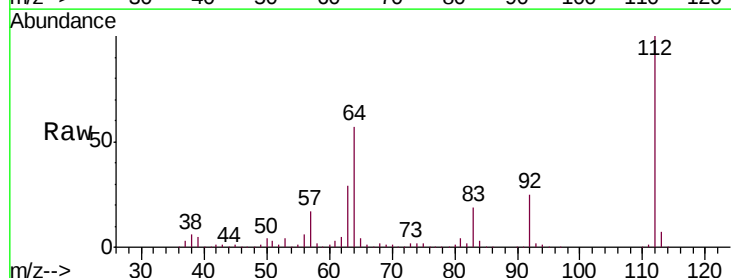
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	62.5	49.9	74.9



#5

2-Fluorophenol
Concen: 126.435 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116441.D
Acq: 20 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.2
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 119.815 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116441.D

Acq: 20 Aug 2019 20:26

Instrument :

BNA_F

ClientSampleId :

T6-C-(0-2)

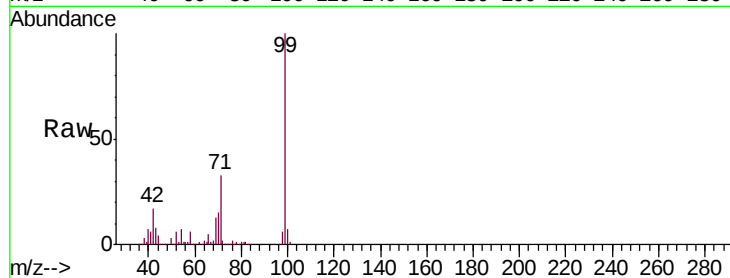
Tot Ion: 99 Resp: 858670

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

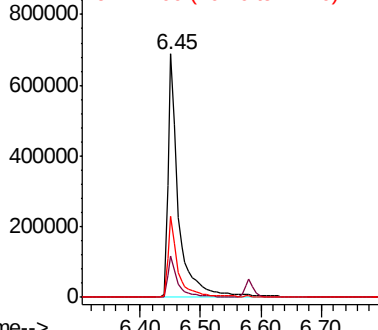
71 33.1 27.3 40.9



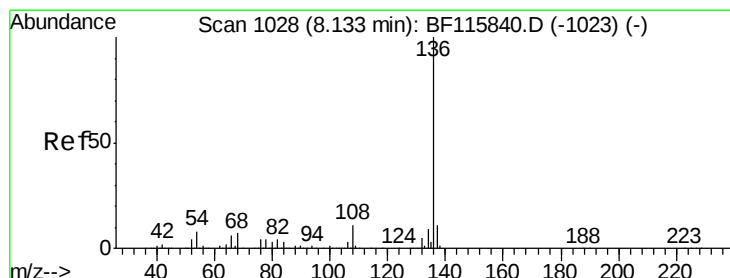
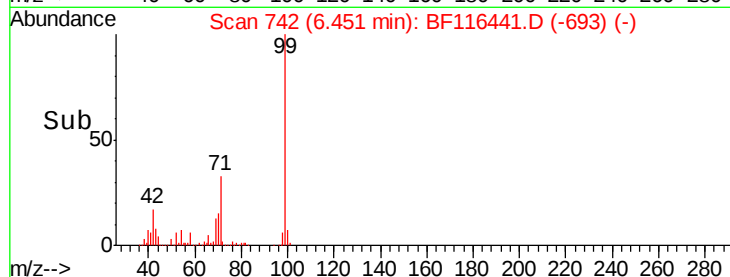
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116441.D

Acq: 20 Aug 2019 20:26

Tgt Ion: 136 Resp: 370064

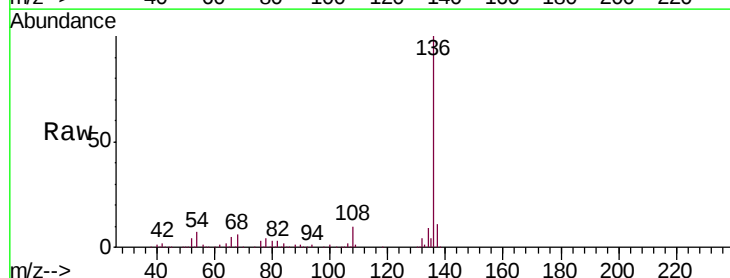
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.8 5.8 8.6

68 5.9 5.2 7.8

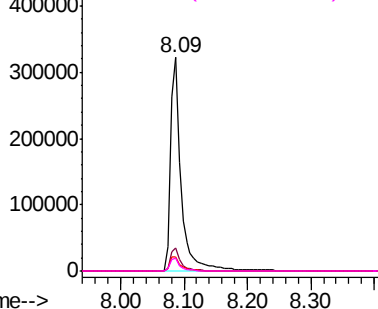


Abundance Ion 136.00 (135.70 to 136.70): E

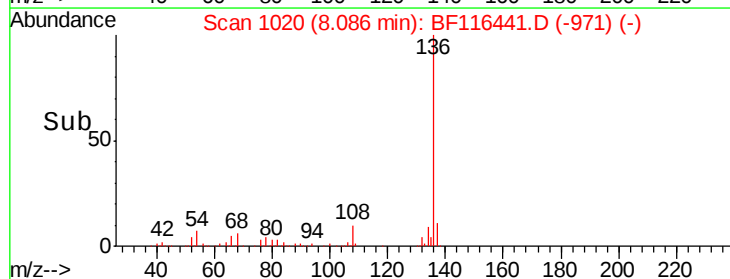
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

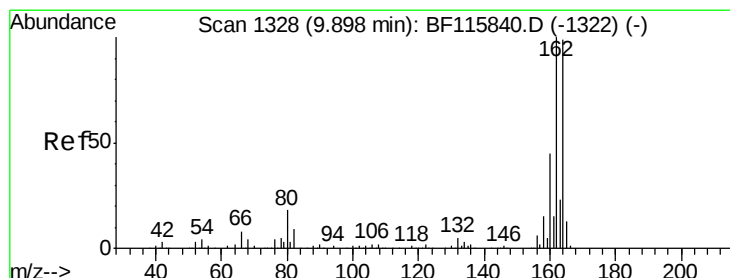
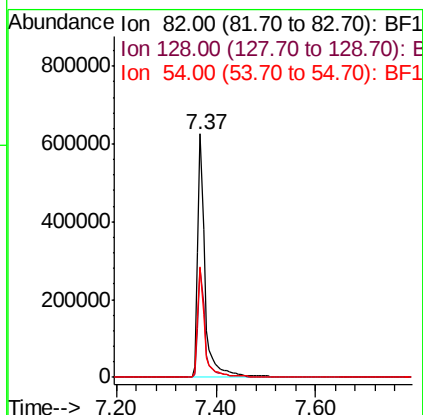
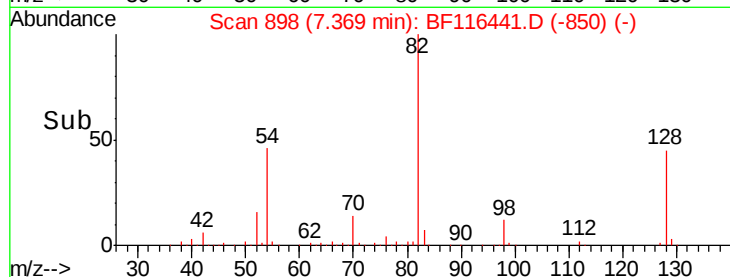
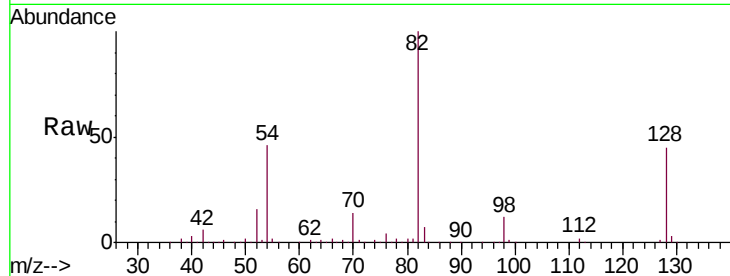




#23
 Nitrobenzene-d5
 Concen: 100.737 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116441.D
 Acq: 20 Aug 2019 20:26

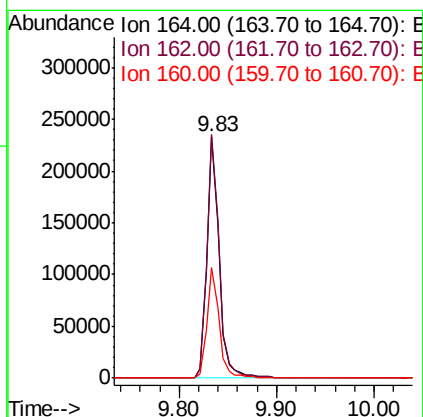
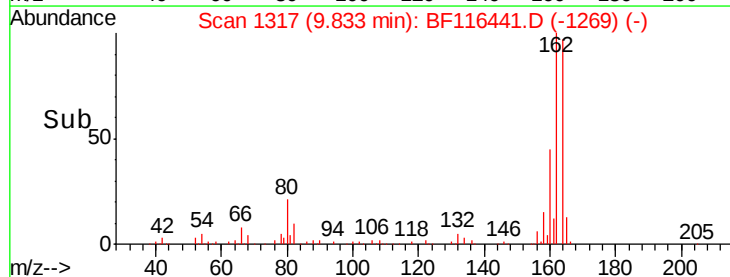
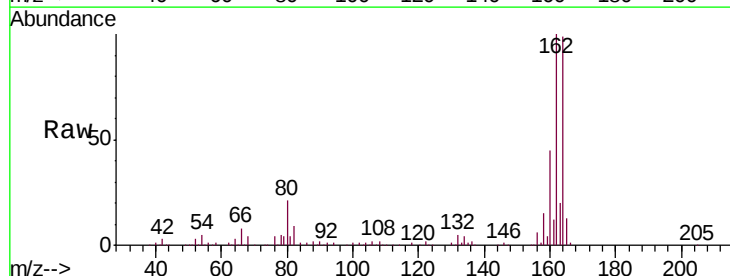
Instrument :
 BNA_F
 ClientSampleId :
 T6-C-(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	45.6	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: BF116441.D
 Acq: 20 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	124.0
160	45.7	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 149.329 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116441.D

Acq: 20 Aug 2019 20:26

Instrument :

BNA_F

ClientSampleId :

T6-C-(0-2)

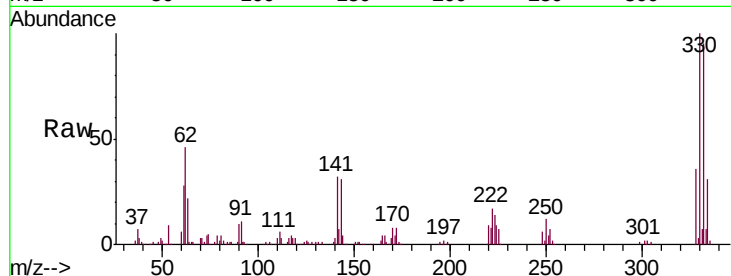
Tot Ion:330 Resp: 294051

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

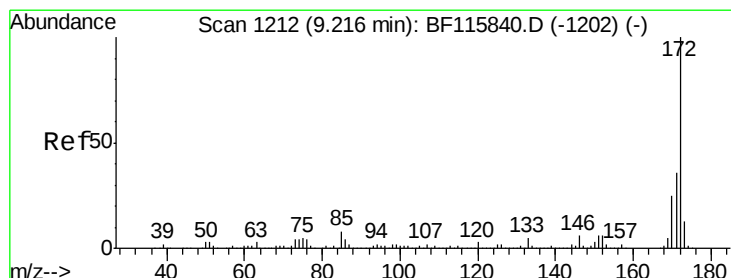
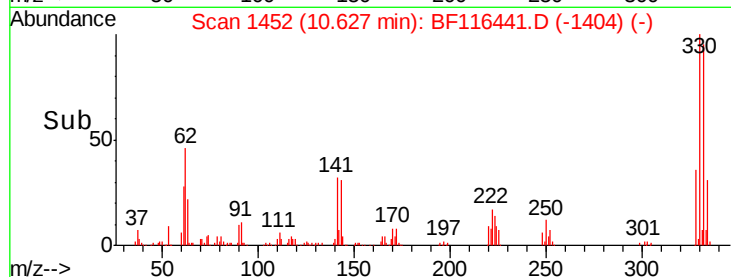
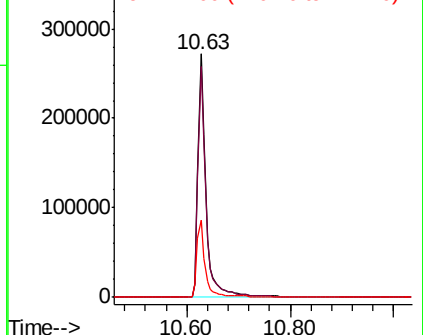
141 33.6 26.3 39.5



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: 101.305 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116441.D

Acq: 20 Aug 2019 20:26

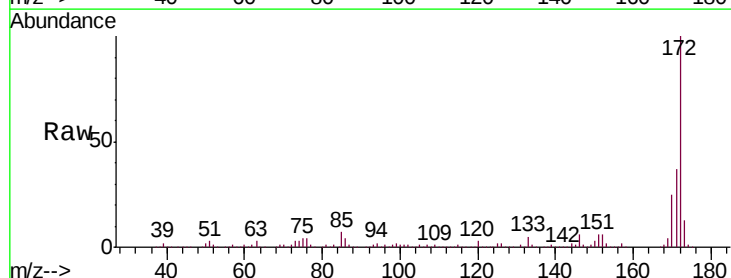
Tgt Ion:172 Resp: 1098486

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

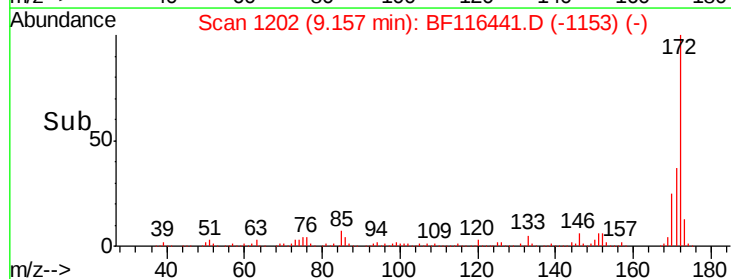
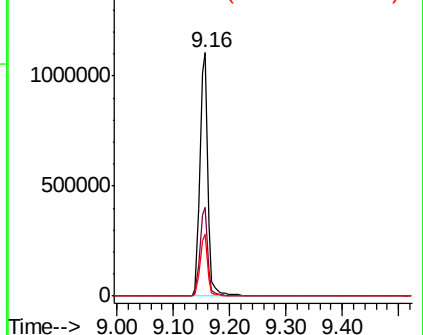
170 25.2 20.1 30.1

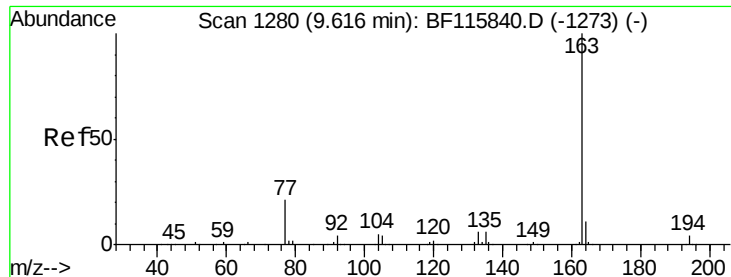


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

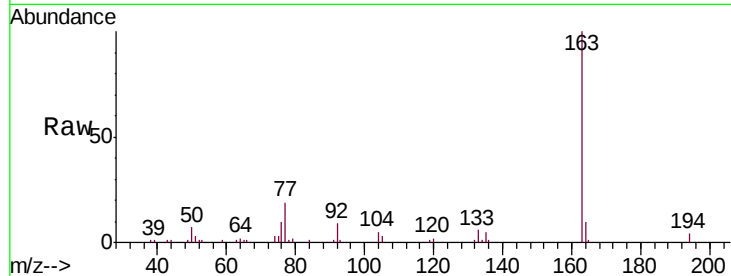




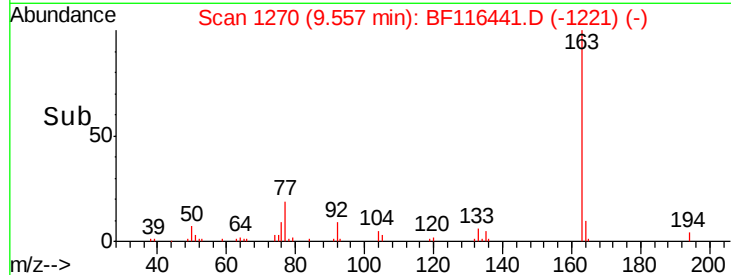
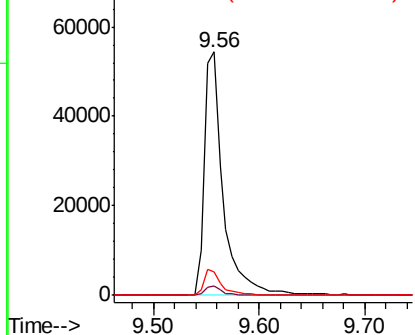
#50
Dimethylphthalate
Concen: 4.870 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116441.D
Acq: 20 Aug 2019 20:26

Instrument :
BNA_F
ClientSampleId :
T6-C-(0-2)

Tot Ion:163 Resp: 67349
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 8.4 12.6

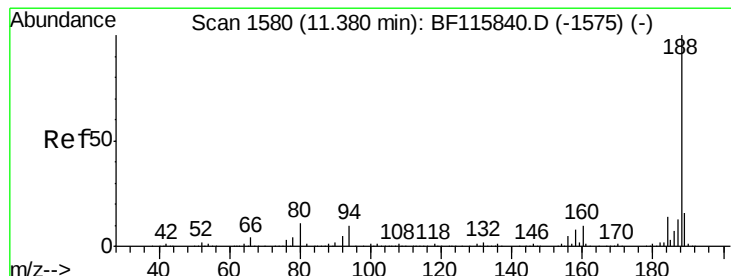


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

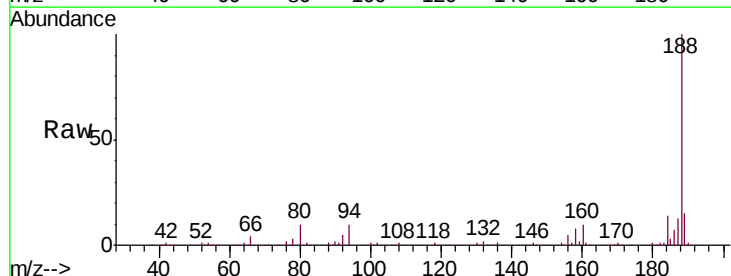
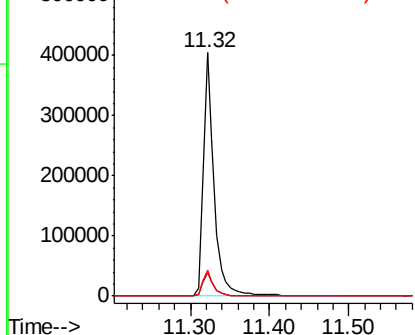


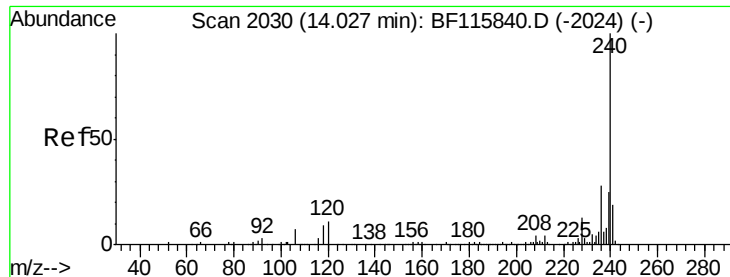
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116441.D
Acq: 20 Aug 2019 20:26

Tgt Ion:188 Resp: 385971
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.5 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: BF116441.D

Acq: 20 Aug 2019 20:26

Instrument :

BNA_F

ClientSampleId :

T6-C-(0-2)

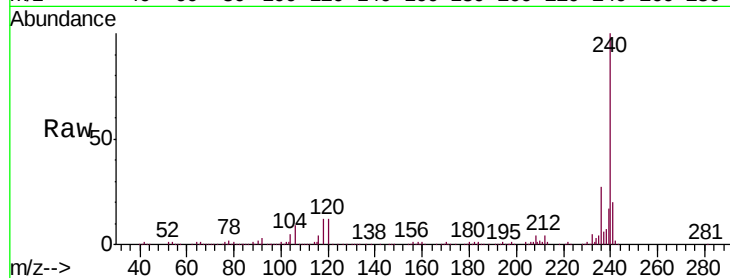
Tot Ion:240 Resp: 332301

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

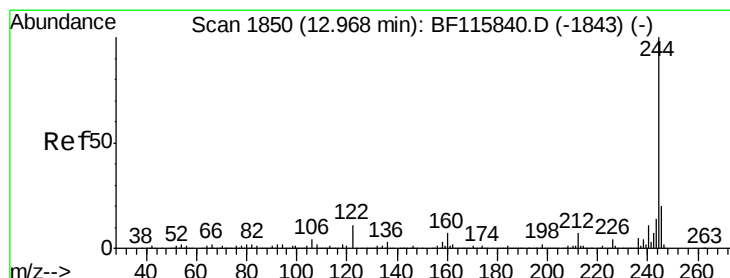
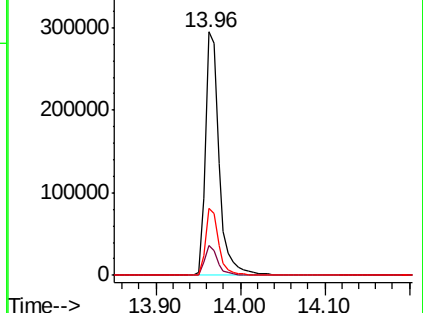
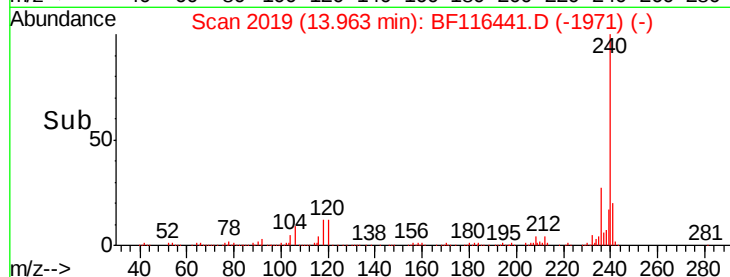
236 27.5 22.2 33.2



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: 91.382 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116441.D

Acq: 20 Aug 2019 20:26

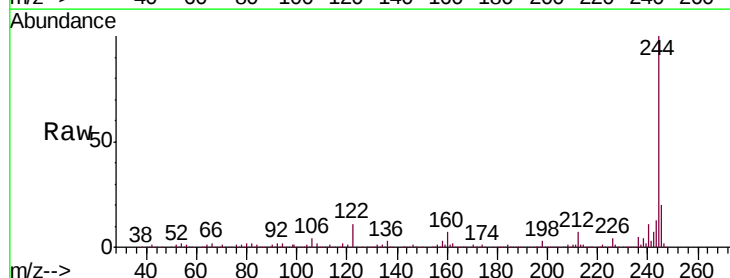
Tgt Ion:244 Resp: 1441091

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

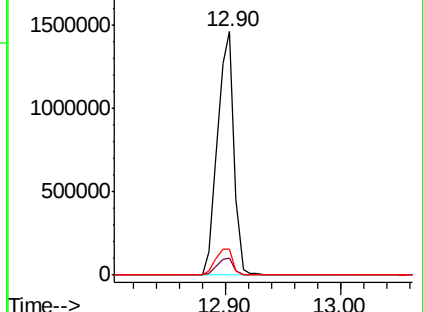
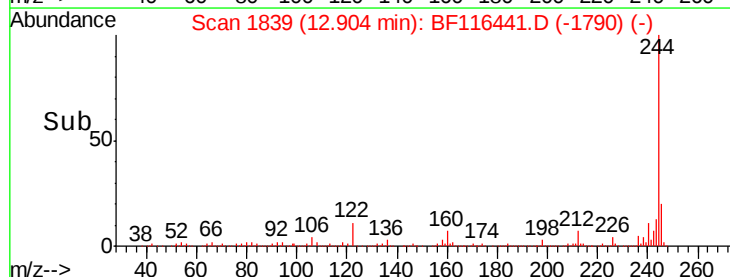
122 10.9 9.0 13.4

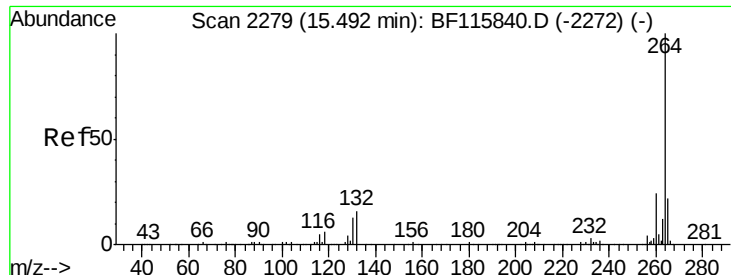


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116441.D
Acq: 20 Aug 2019 20:26

Instrument :
BNA_F
ClientSampleId :
T6-C-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.2	17.4	26.0

