

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116443.D
 Acq On : 20 Aug 2019 21:19
 Operator : HP/JU
 Sample : K4386-40
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 21 02:08:31 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

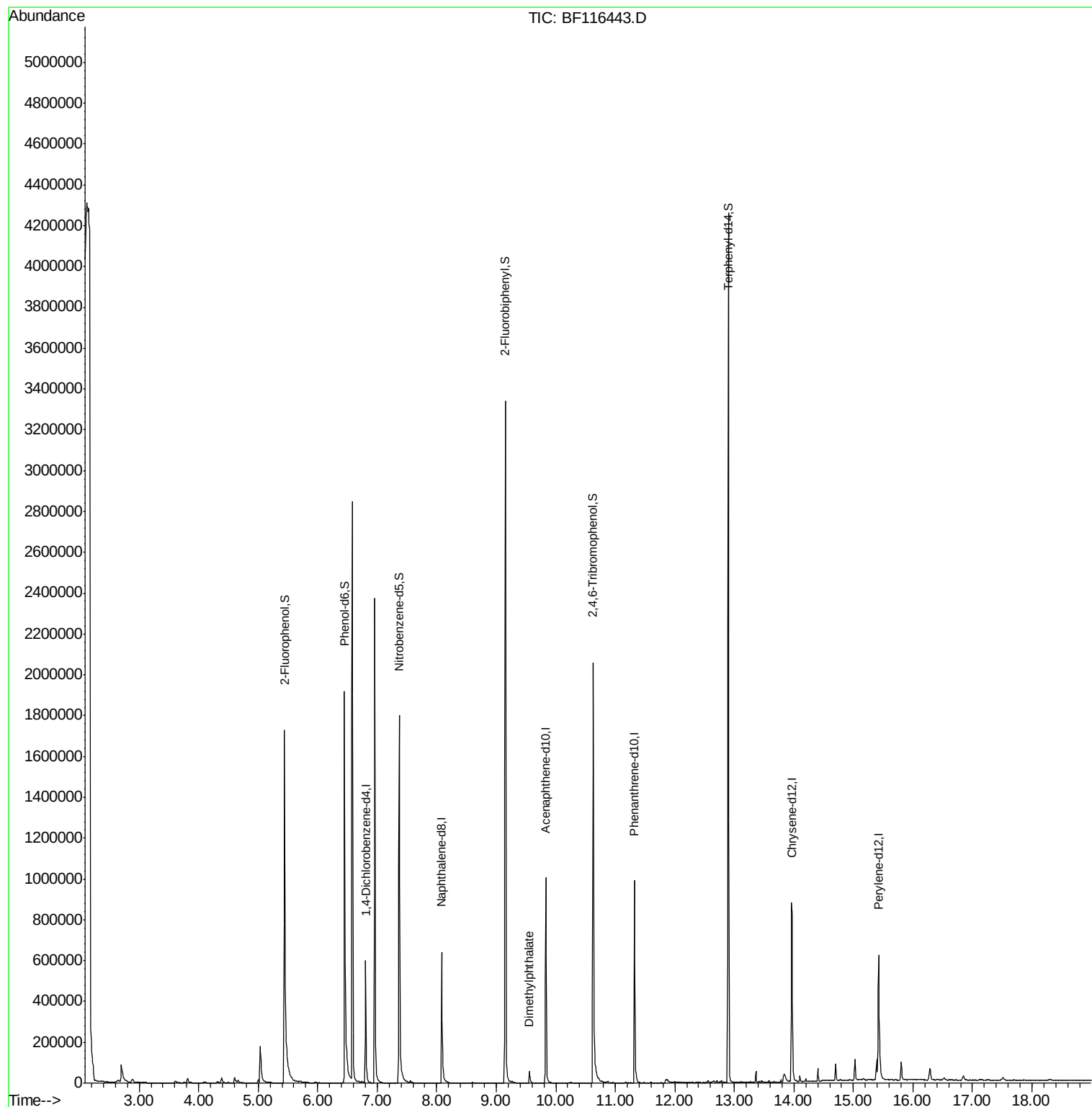
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96353	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	375340	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	206438	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	399632	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	354578	20.00	ng	-0.02
87) Perylene-d12	15.42	264	362128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	735955	127.87	ng	0.00
7) Phenol-d6	6.45	99	874050	120.36	ng	-0.01
23) Nitrobenzene-d5	7.37	82	671518	103.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	314306	157.04	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1175972	106.70	ng	-0.01
79) Terphenyl-d14	12.90	244	1574236	93.55	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	33930	2.414	ng	Qvalue 99

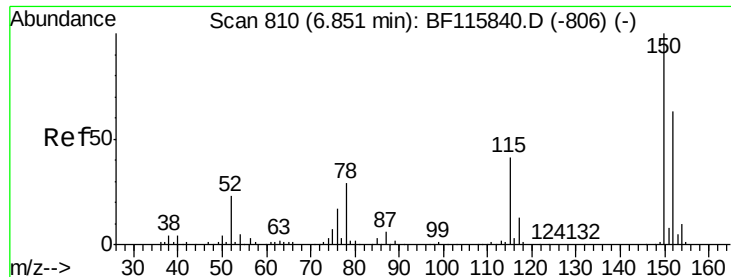
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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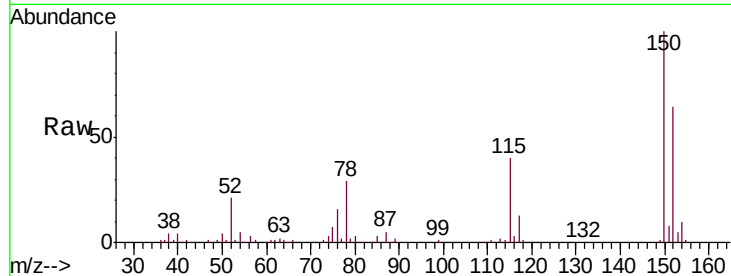


#1

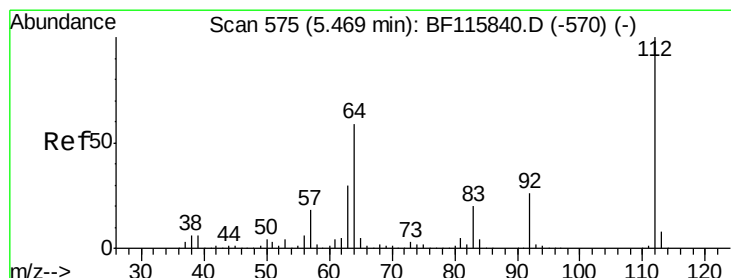
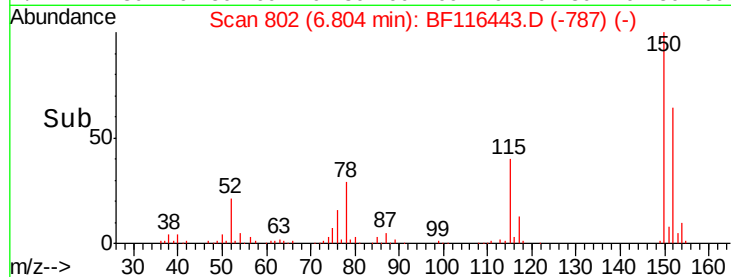
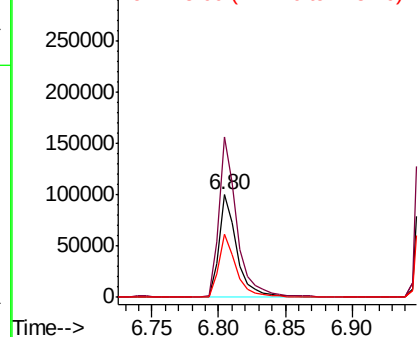
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116443.D
Acq: 20 Aug 2019 21:19

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

Tot Ion:152 Resp: 96353
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.7 49.9 74.9



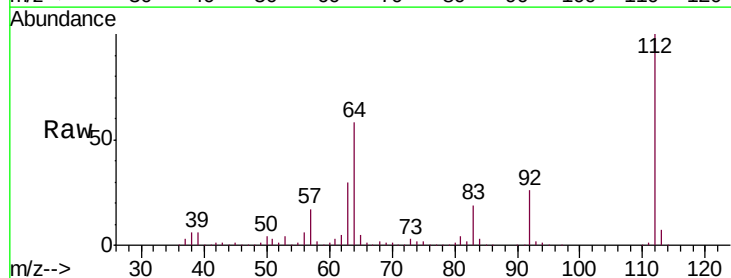
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



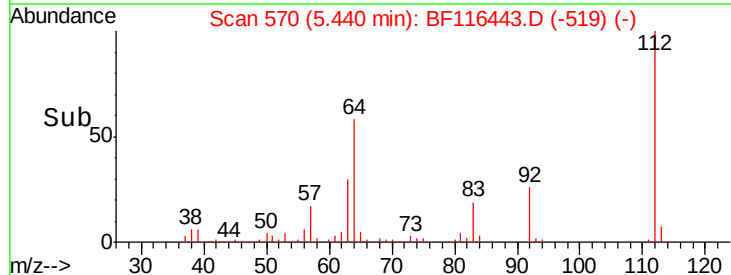
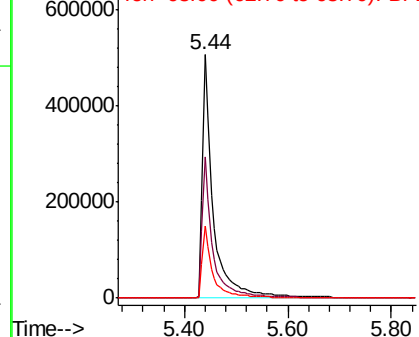
#5

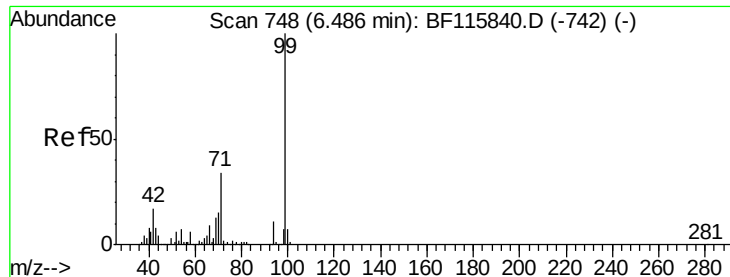
2-Fluorophenol
Concen: 127.867 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116443.D
Acq: 20 Aug 2019 21:19

Tgt Ion:112 Resp: 735955
Ion Ratio Lower Upper
112 100
64 58.1 45.4 68.2
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.363 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116443.D

Acq: 20 Aug 2019 21:19

Instrument :

BNA_F

ClientSampleId :

T6-B-(0-2)

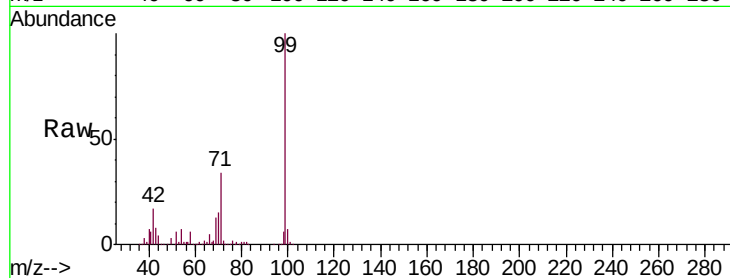
Tot Ion: 99 Resp: 874050

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

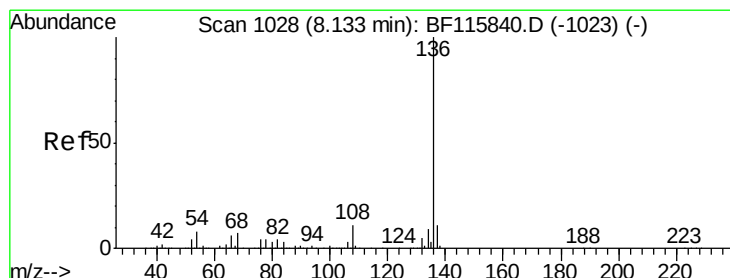
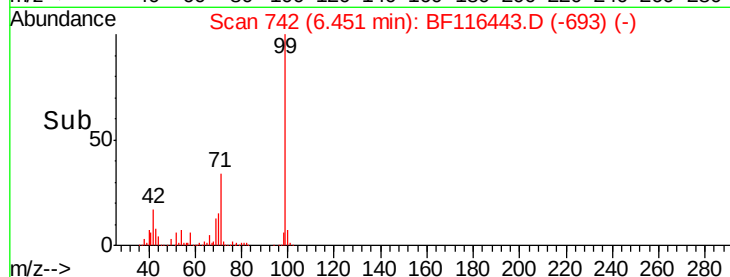
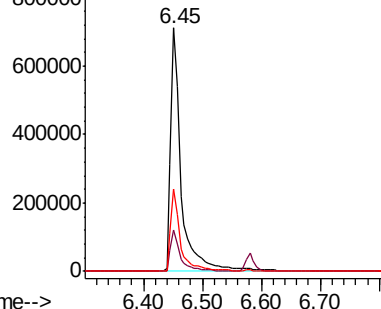
71 33.6 27.3 40.9



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: BF116443.D

Acq: 20 Aug 2019 21:19

Tgt Ion: 136 Resp: 375340

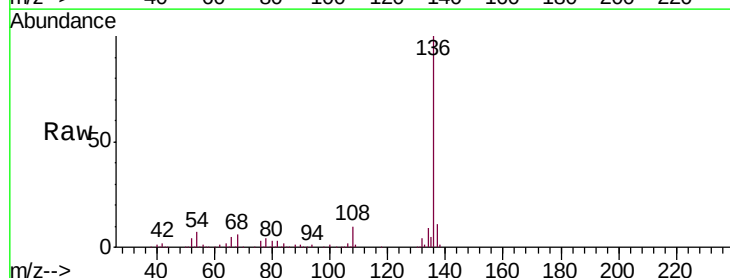
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.6 5.8 8.6

68 6.1 5.2 7.8

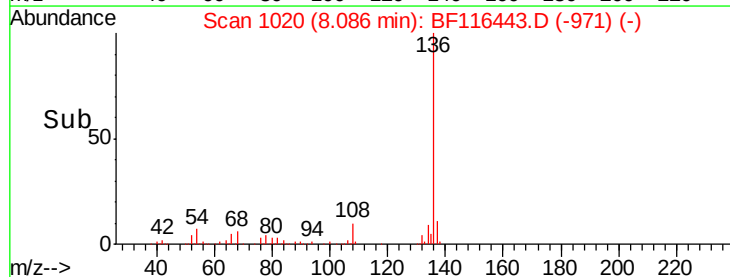
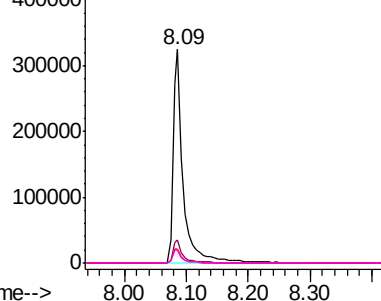


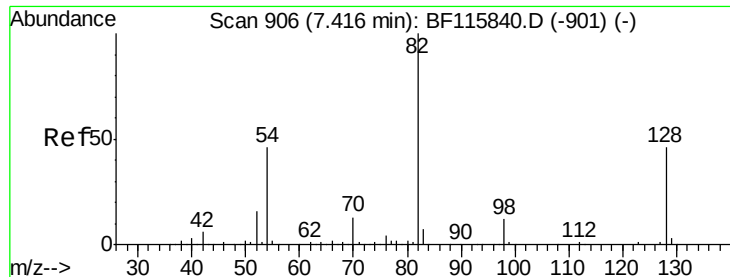
Abundance Ion 136.00 (135.70 to 136.70): E

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

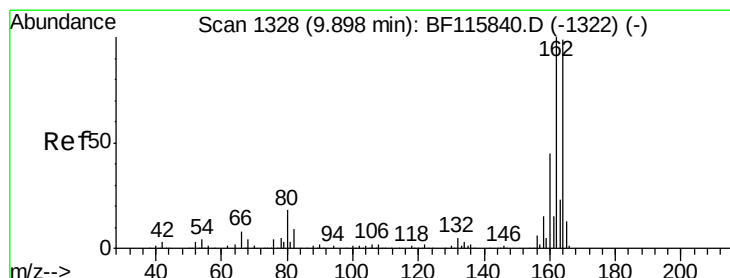
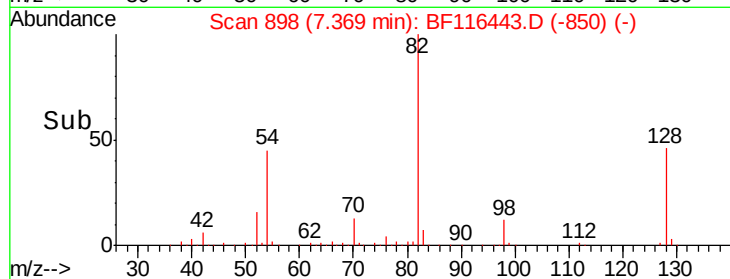
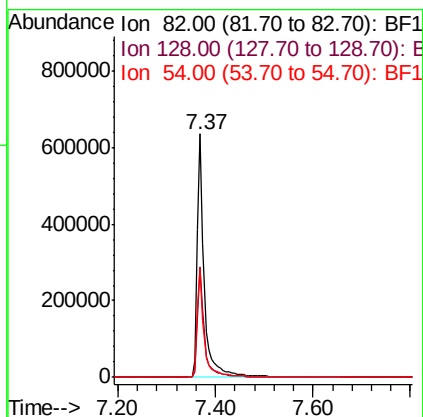
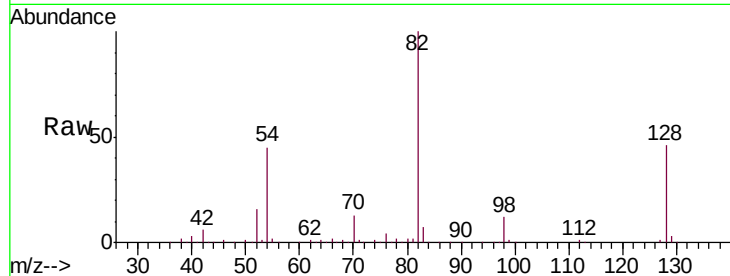




#23
 Nitrobenzene-d5
 Concen: 103.272 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116443.D
 Acq: 20 Aug 2019 21:19

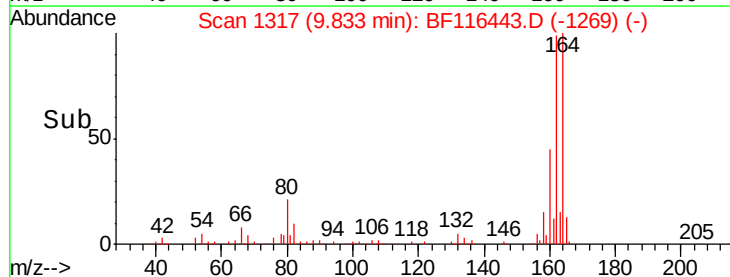
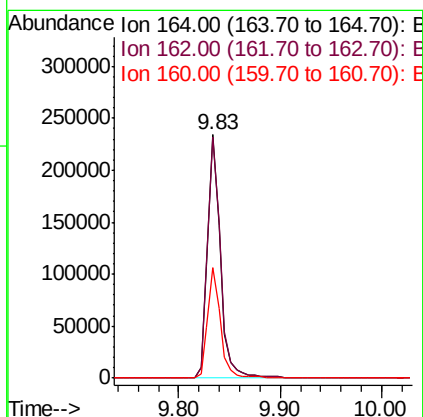
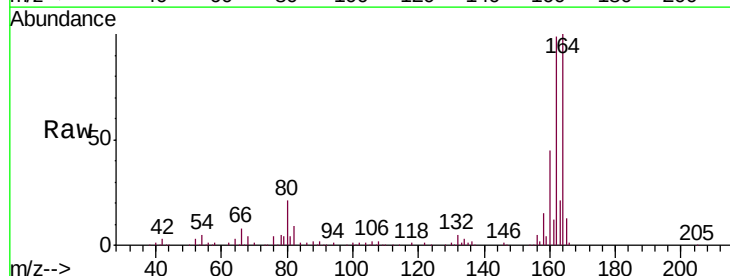
Instrument :
 BNA_F
 ClientSampleId :
 T6-B-(0-2)

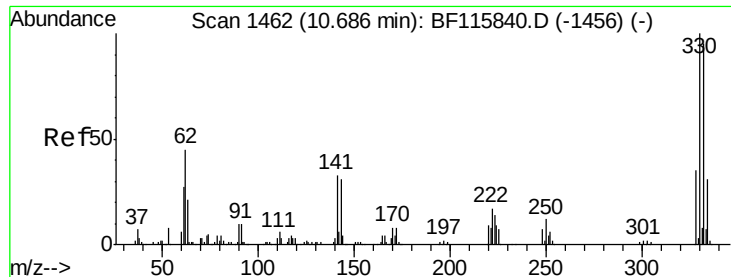
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	45.1	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116443.D
 Acq: 20 Aug 2019 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.6	124.0
160	45.1	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 157.037 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116443.D

Acq: 20 Aug 2019 21:19

Instrument :

BNA_F

ClientSampleId :

T6-B-(0-2)

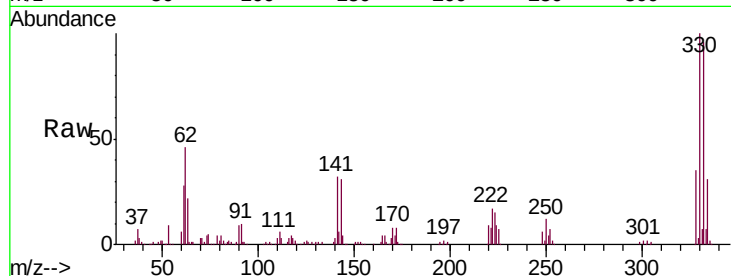
Tot Ion:330 Resp: 314306

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

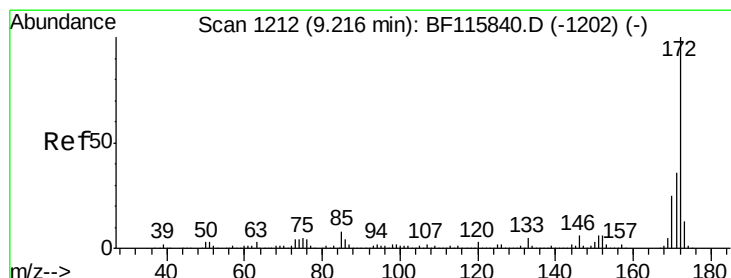
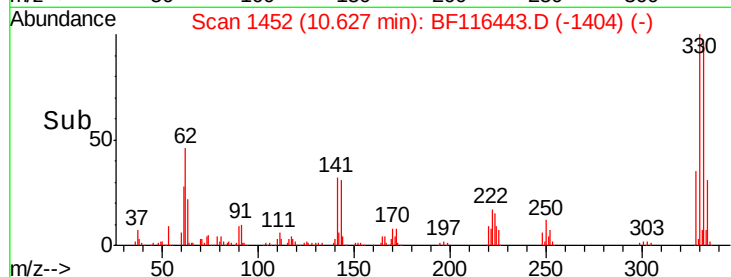
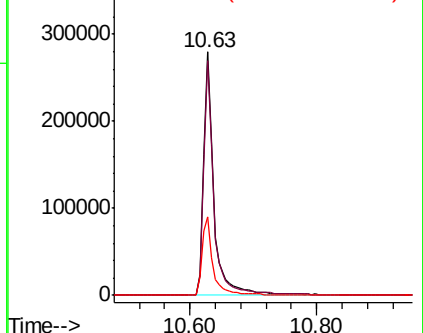
141 34.5 26.3 39.5



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: 106.699 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116443.D

Acq: 20 Aug 2019 21:19

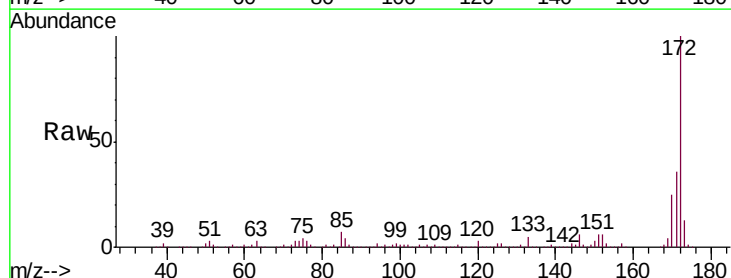
Tgt Ion:172 Resp: 1175972

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

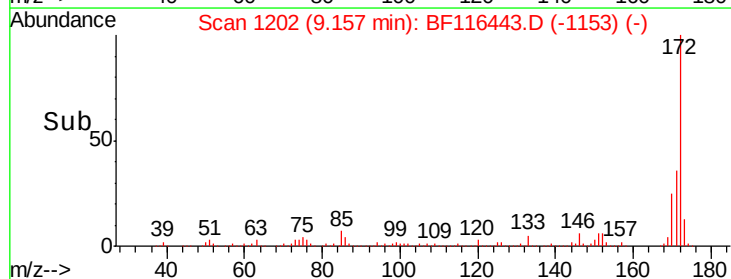
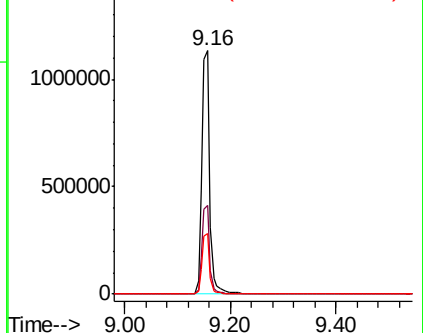
170 24.7 20.1 30.1

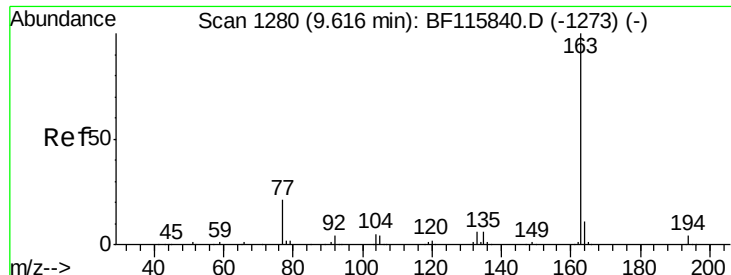


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.414 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116443.D

Acq: 20 Aug 2019 21:19

Instrument :

BNA_F

ClientSampleId :

T6-B-(0-2)

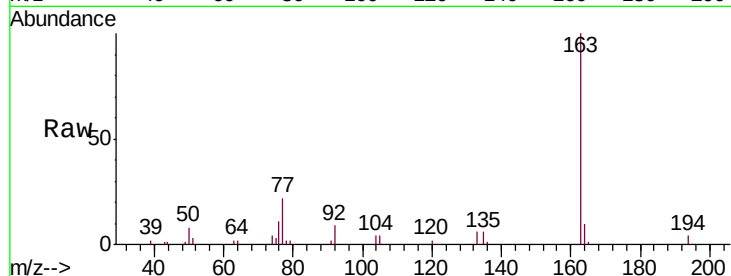
Tot Ion:163 Resp: 33930

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

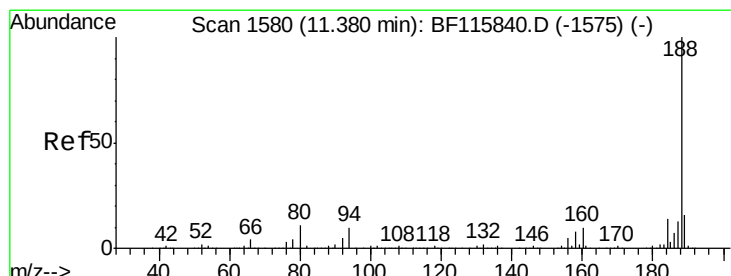
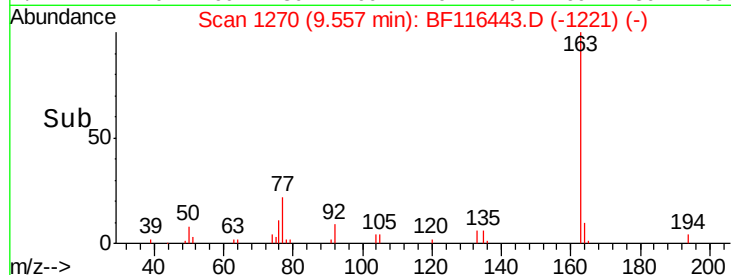
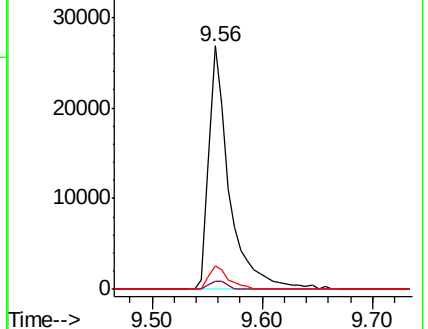
164 9.8 8.4 12.6



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: BF116443.D

Acq: 20 Aug 2019 21:19

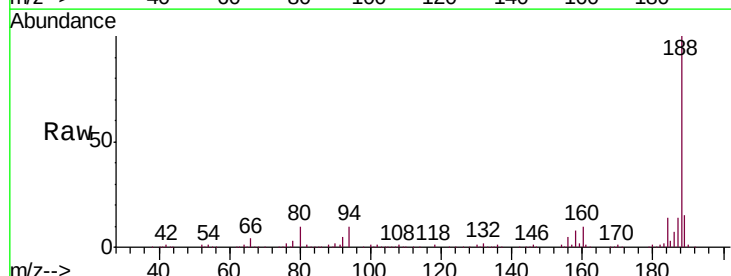
Tgt Ion:188 Resp: 399632

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

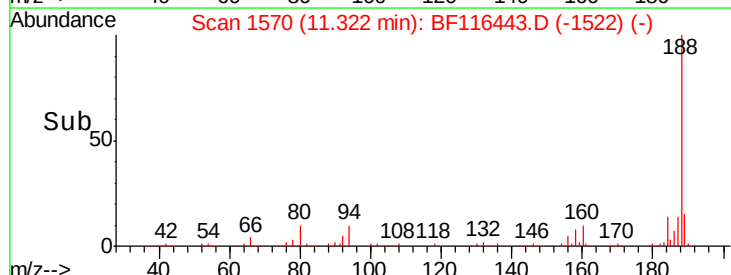
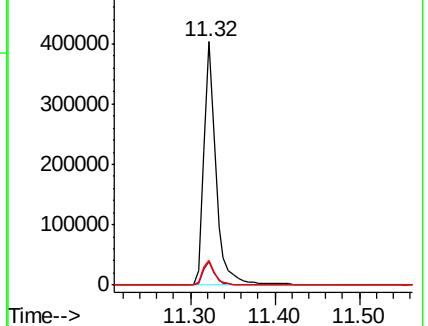
80 10.2 8.7 13.1

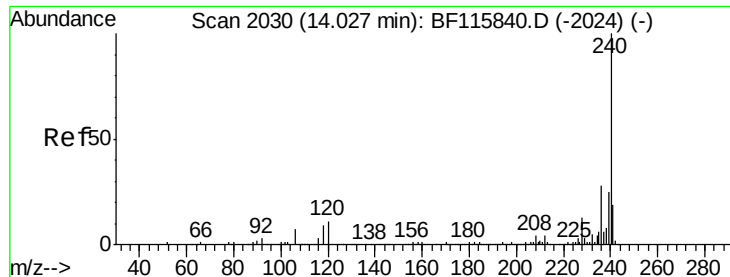


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

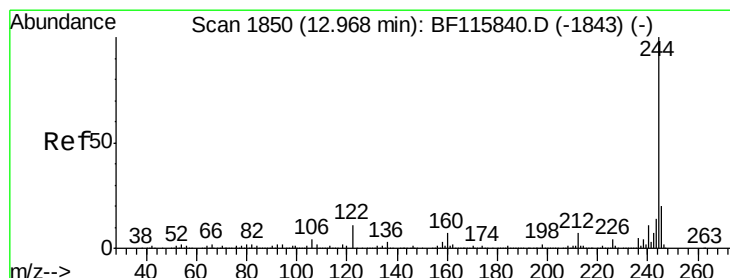
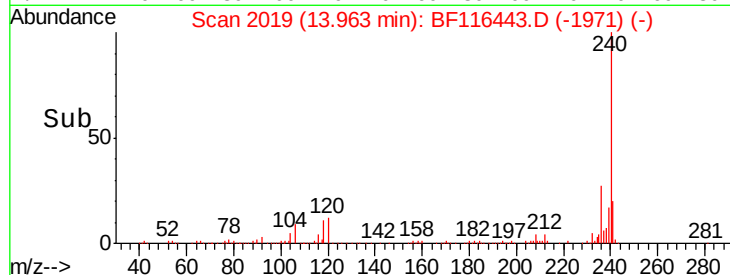
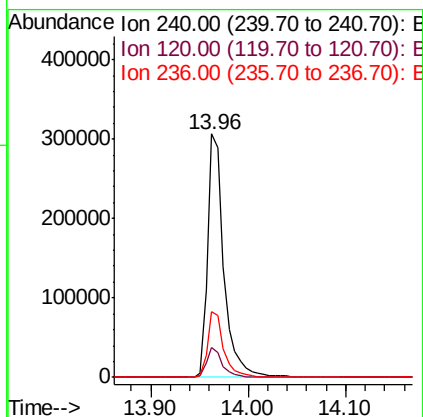
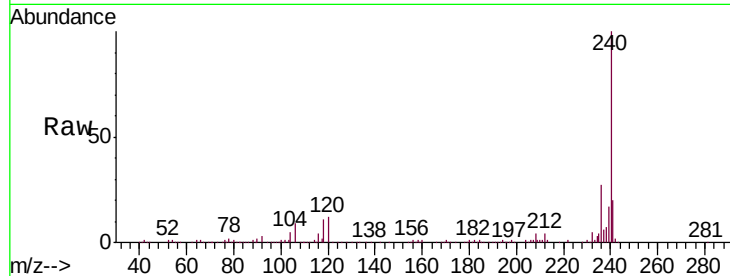




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116443.D
Acq: 20 Aug 2019 21:19

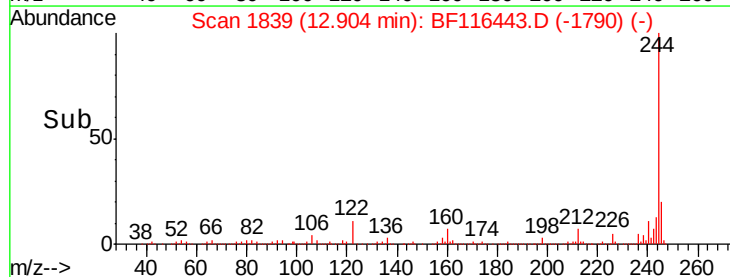
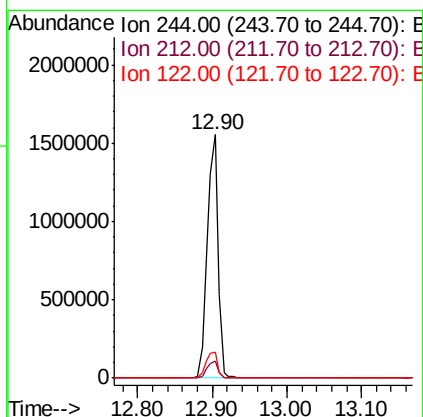
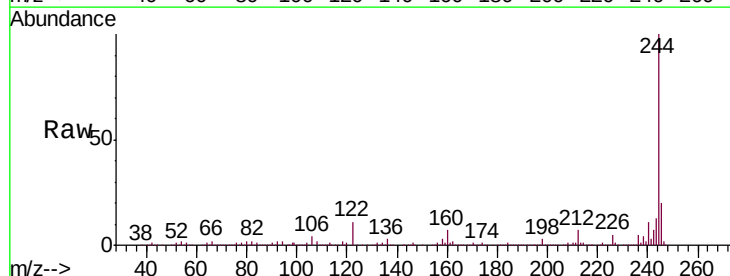
Instrument :
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T6-B-(0-2)

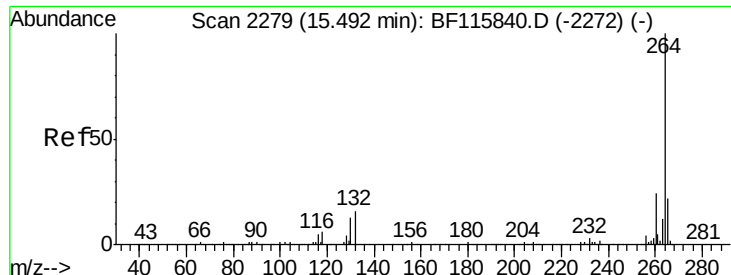
Tot Ion:240 Resp: 354578
Ion Ratio Lower Upper
240 100
120 12.4 10.7 16.1
236 26.8 22.2 33.2



#79
Terphenyl-d14
Concen: 93.553 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116443.D
Acq: 20 Aug 2019 21:19

Tgt Ion:244 Resp: 1574236
Ion Ratio Lower Upper
244 100
212 7.0 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: BF116443.D
 Acq: 20 Aug 2019 21:19

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.4	17.4	26.0

