

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116444.D
 Acq On : 20 Aug 2019 21:46
 Operator : HP/JU
 Sample : K4385-39
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T8-E1-E4(0-2)

Quant Time: Aug 21 02:12:15 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

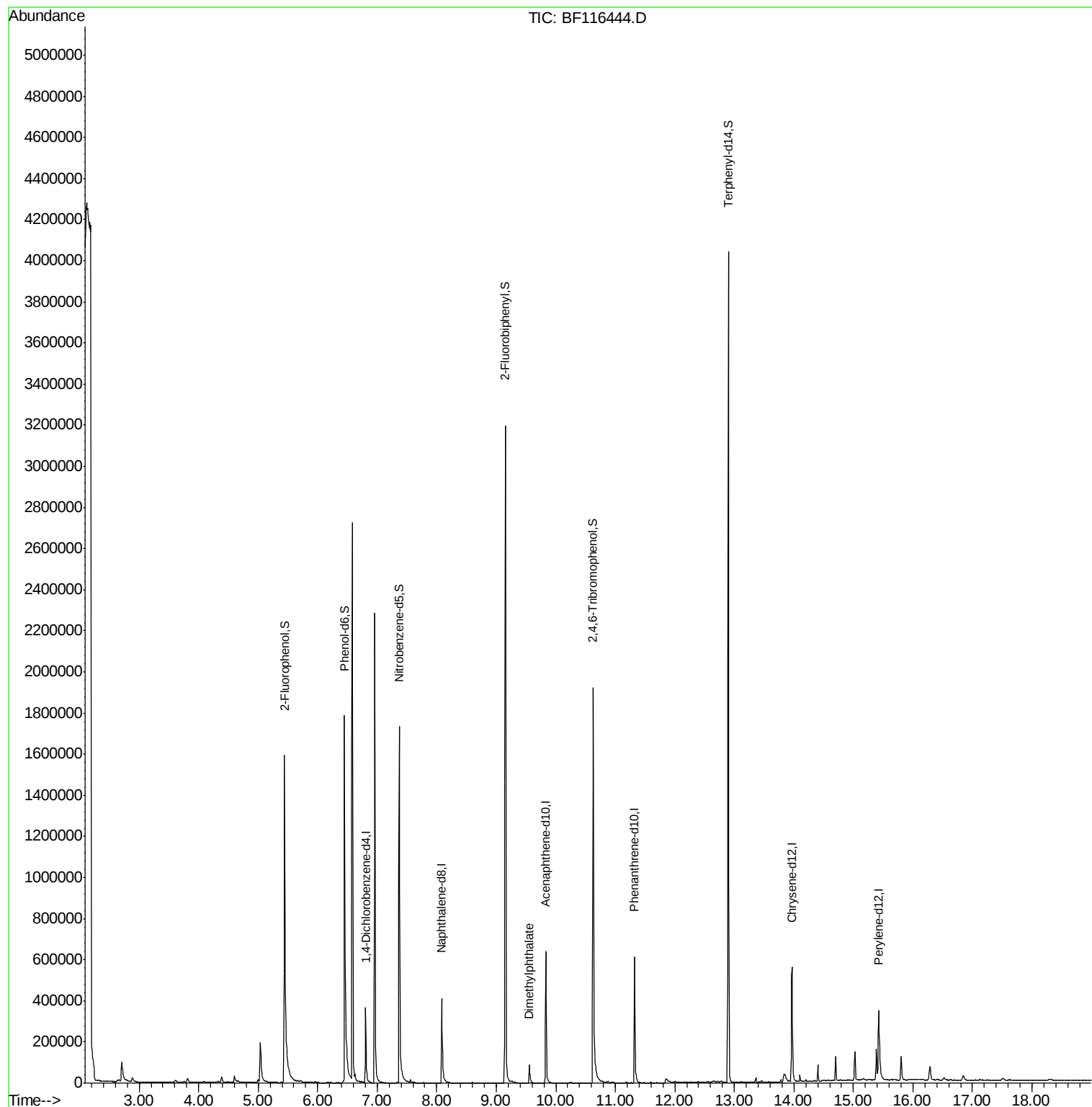
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	64868	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	244632	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	135737	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	262066	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	231879	20.00	ng	-0.01
87) Perylene-d12	15.42	264	232200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	702735	181.36	ng	0.00
7) Phenol-d6	6.45	99	839319	171.68	ng	-0.01
23) Nitrobenzene-d5	7.37	82	635418	149.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	298693	226.97	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1116559	154.08	ng	-0.01
79) Terphenyl-d14	12.90	244	1467083	133.32	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	51226	5.543	ng	Qvalue 99

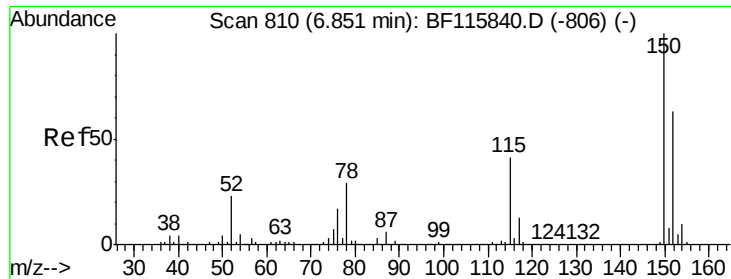
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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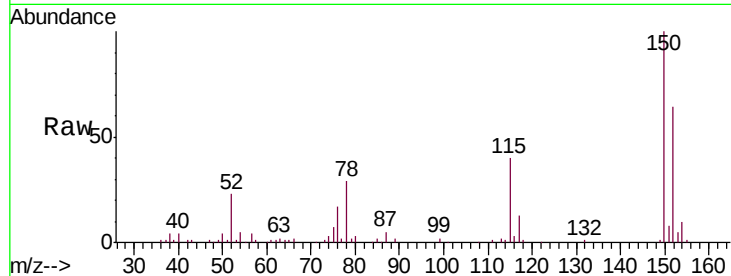




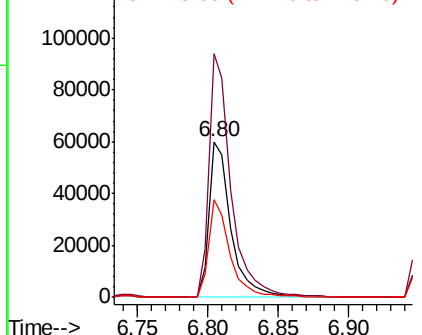
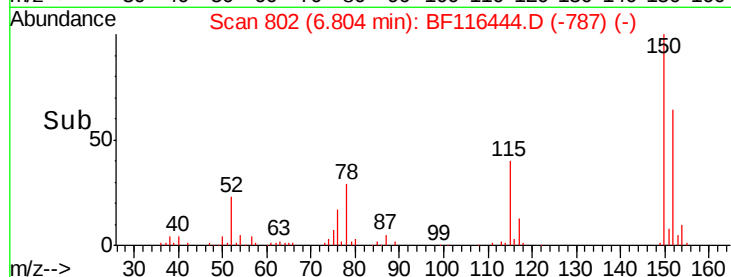
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Instrument :
 BNA_F
 ClientSampleId :
 T8-E1-E4-(0-2)

Tot Ion:152 Resp: 64868
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 63.1 49.9 74.9

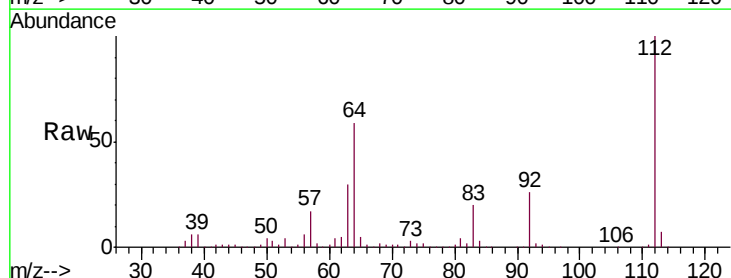


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

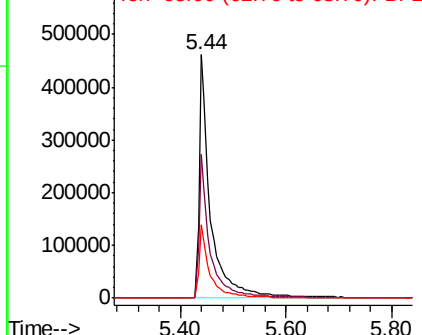
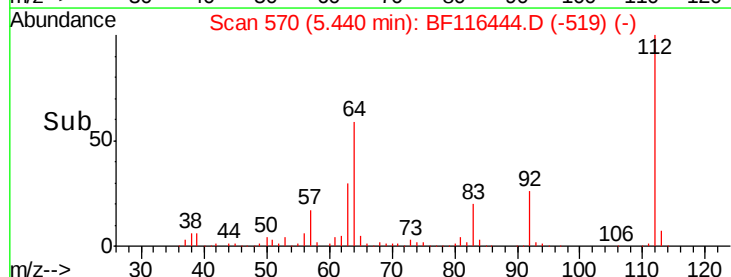


#5
 2-Fluorophenol
 Concen: 181.356 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion:112 Resp: 702735
 Ion Ratio Lower Upper
 112 100
 64 59.1 45.4 68.2
 63 30.2 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: 171.680 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

Instrument :

BNA_F

ClientSampleId :

T8-E1-E4(0-2)

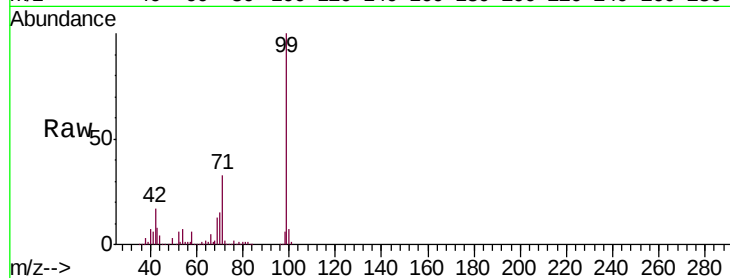
Tot Ion: 99 Resp: 839319

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

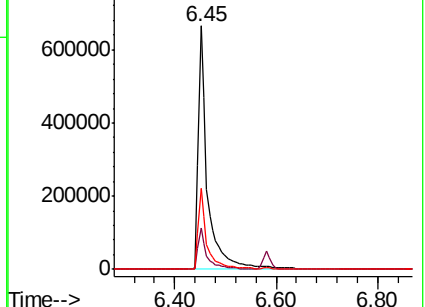
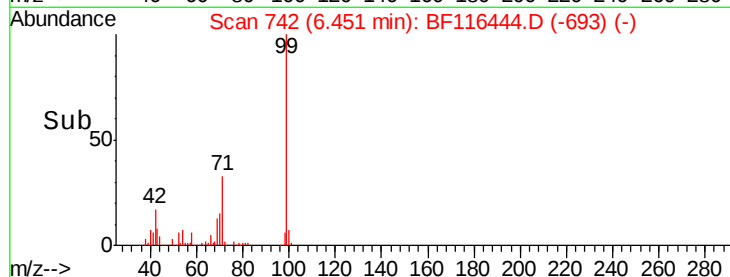
71 33.1 27.3 40.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

Tgt Ion: 136 Resp: 244632

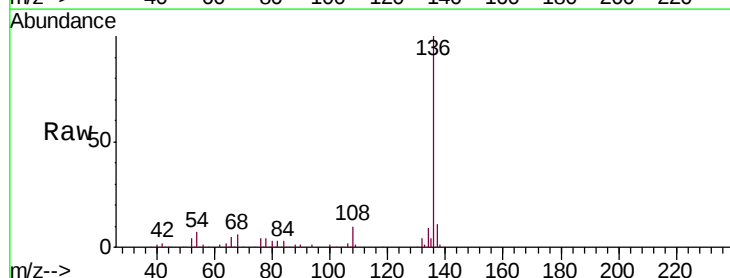
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 6.8 5.8 8.6

68 6.2 5.2 7.8

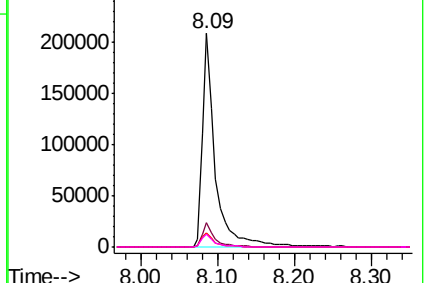
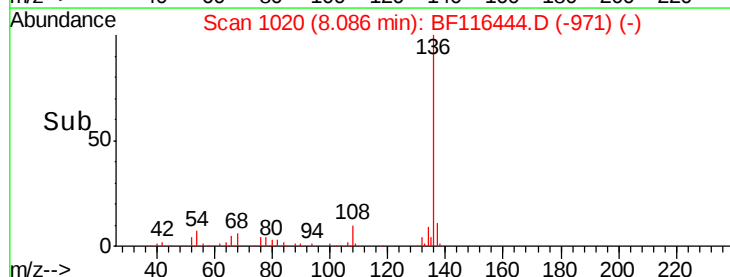


Abundance Ion 136.00 (135.70 to 136.70): E

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

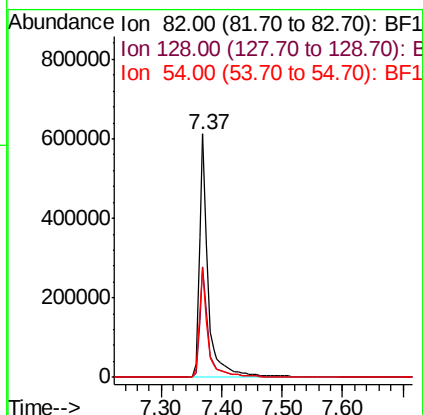
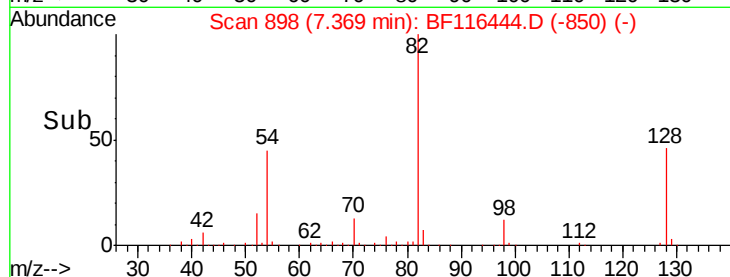
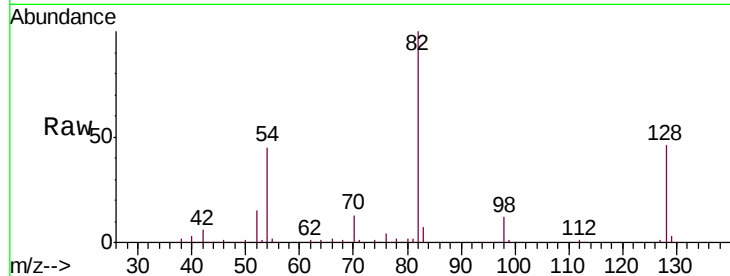




#23
 Nitrobenzene-d5
 Concen: 149.933 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

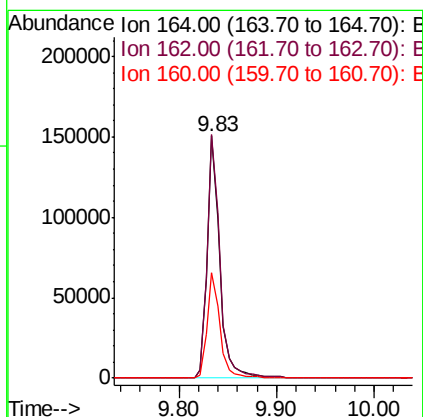
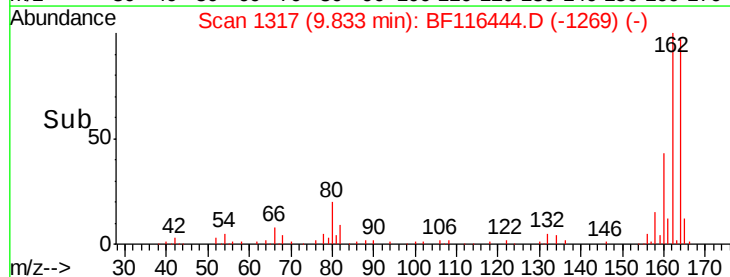
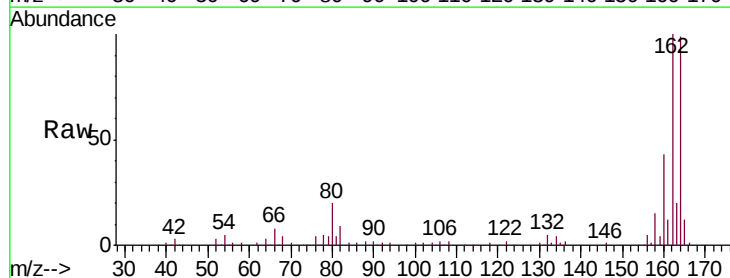
Instrument :
 BNA_F
 ClientSampleId :
 T8-E1-E4-(0-2)

Tot Ion: 82 Resp: 635418
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.5 54.7
 54 44.9 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: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion: 164 Resp: 135737
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 124.0
 160 43.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 226.969 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

Instrument :

BNA_F

ClientSampleId :

T8-E1-E4-(0-2)

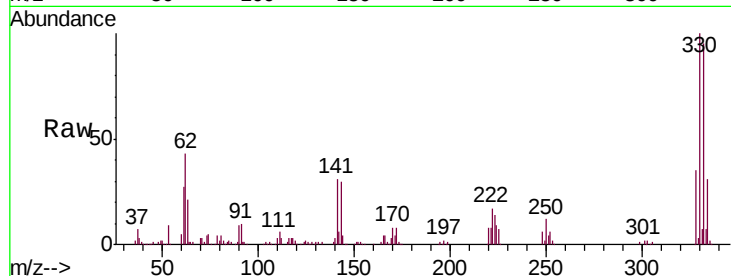
Tot Ion:330 Resp: 298693

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

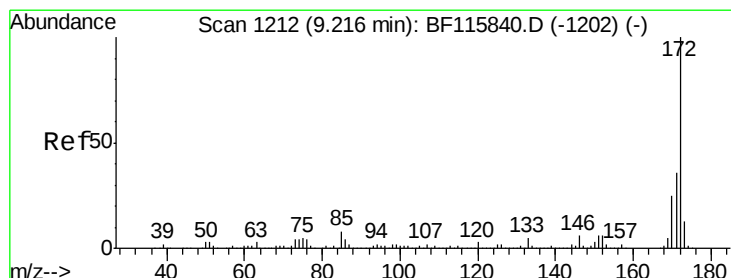
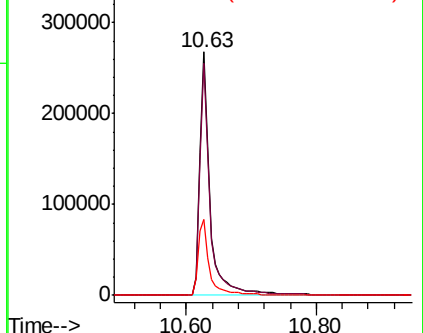
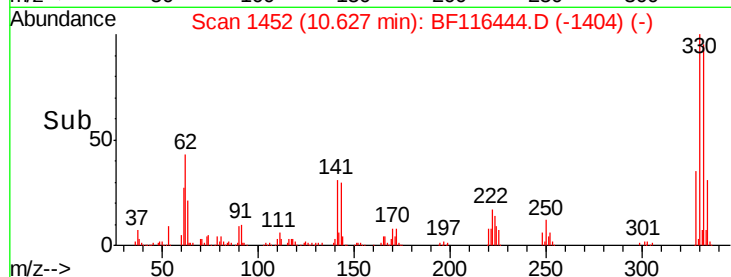
141 33.8 26.3 39.5



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: 154.077 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

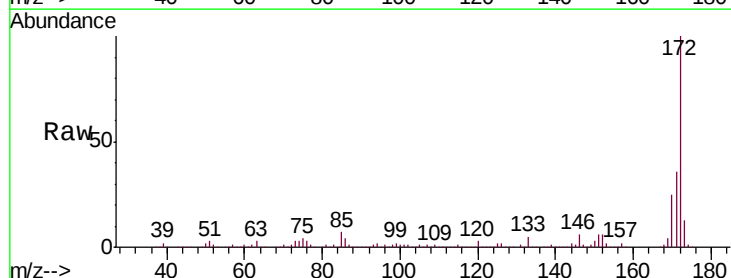
Tgt Ion:172 Resp: 1116559

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

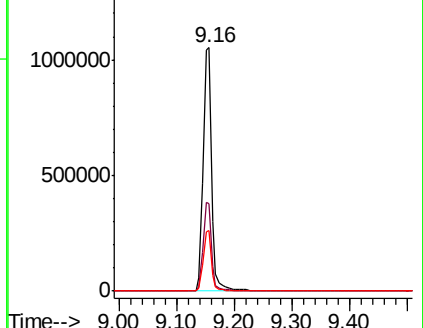
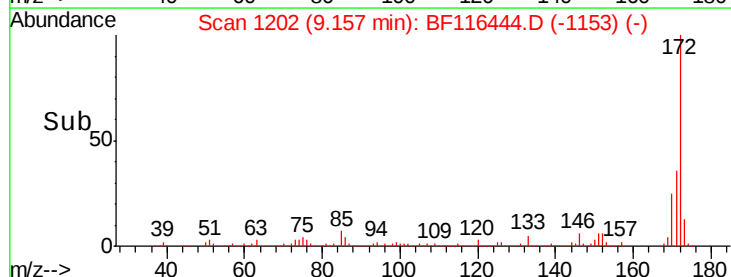
170 24.9 20.1 30.1

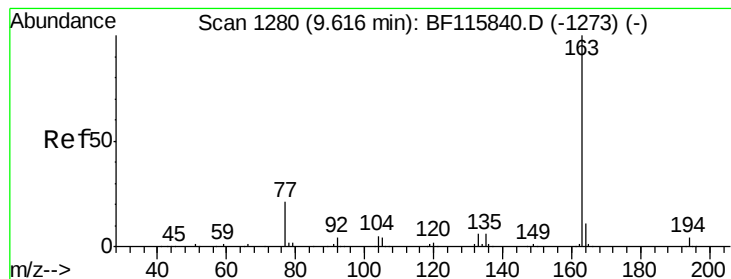


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.543 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

Instrument :

BNA_F

ClientSampleId :

T8-E1-E4-(0-2)

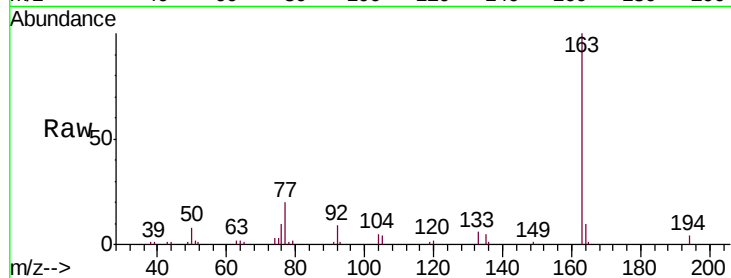
Tot Ion:163 Resp: 51226

Ion Ratio Lower Upper

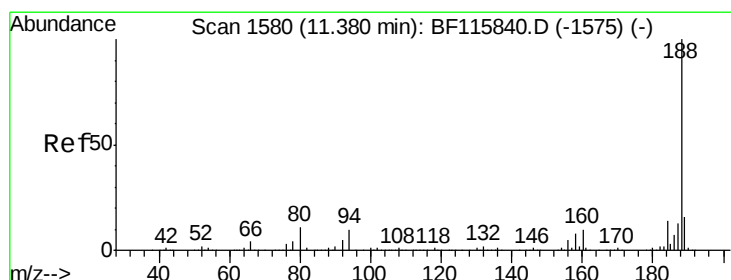
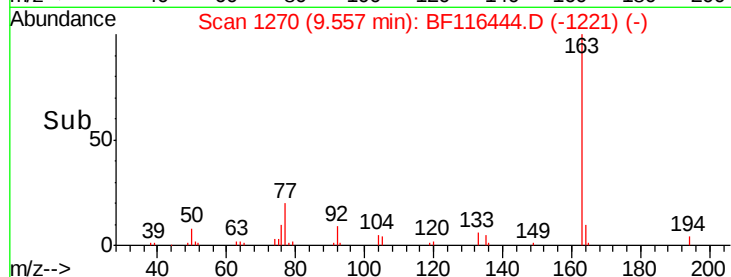
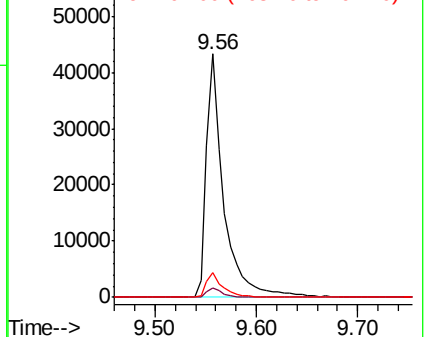
163 100

194 3.9 3.0 4.6

164 10.2 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: BF116444.D

Acq: 20 Aug 2019 21:46

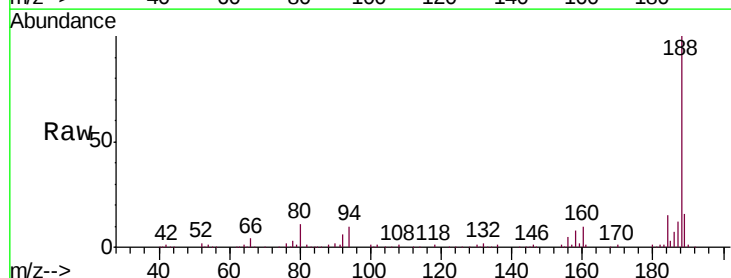
Tgt Ion:188 Resp: 262066

Ion Ratio Lower Upper

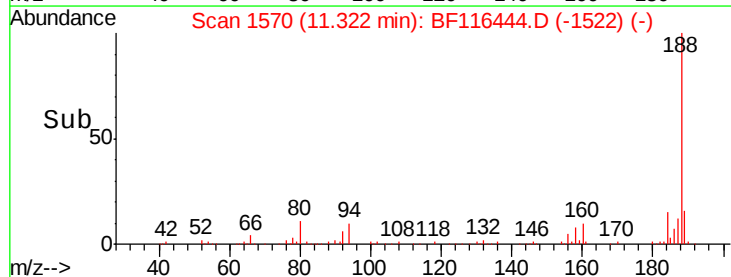
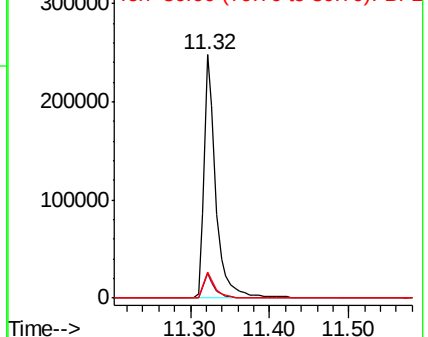
188 100

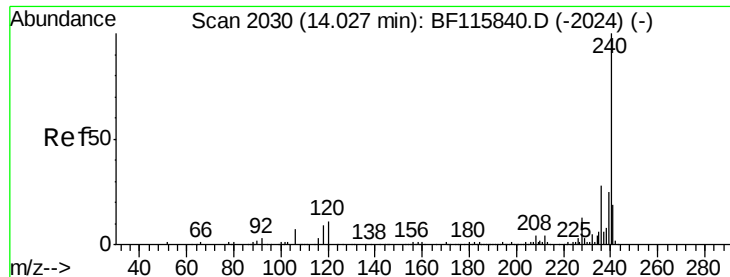
94 10.2 8.1 12.1

80 10.7 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

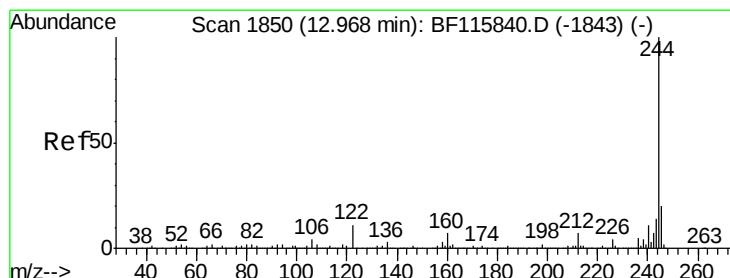
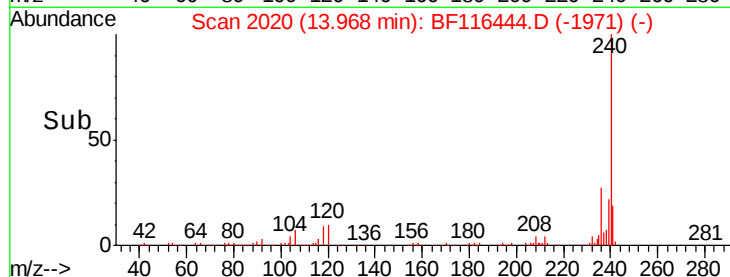
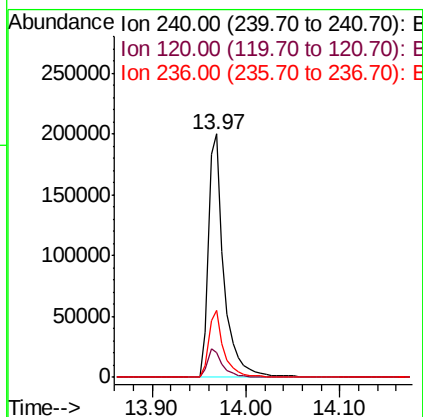
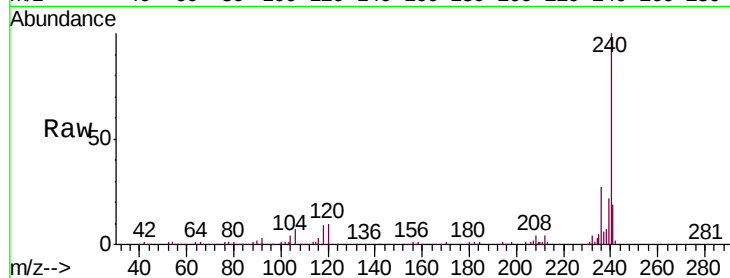




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

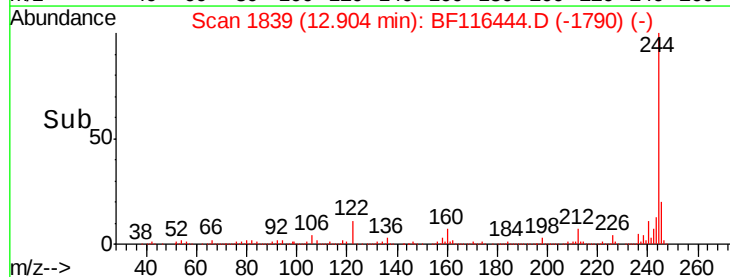
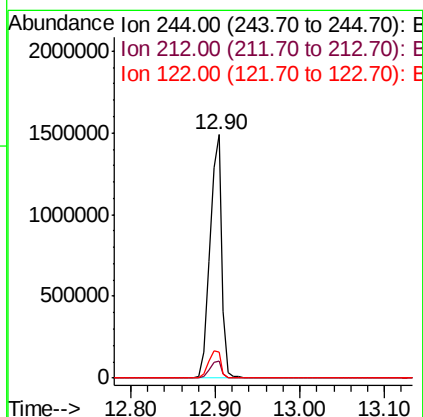
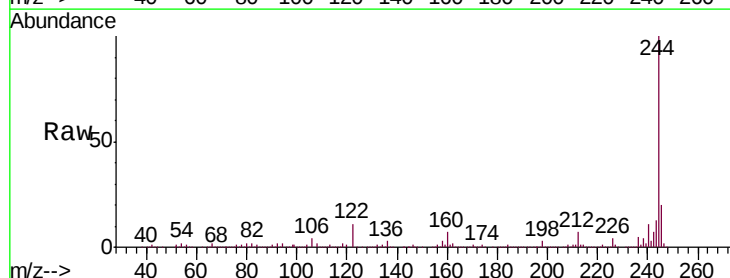
Instrument :
 BNA_F
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 T8-E1-E4-(0-2)

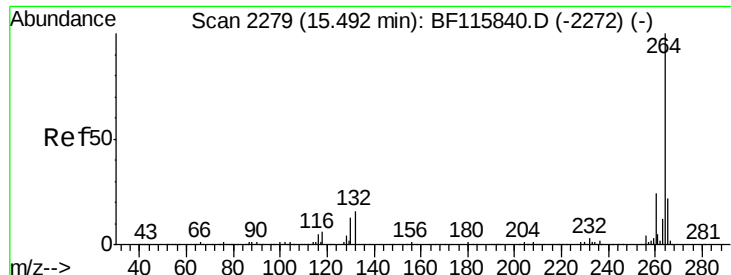
Tot Ion:240 Resp: 231879
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.7 16.1#
 236 27.5 22.2 33.2



#79
 Terphenyl-d14
 Concen: 133.319 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion:244 Resp: 1467083
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.7 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: BF116444.D
 Acq: 20 Aug 2019 21:46

Instrument :
 BNA_F
 ClientSampleId :
 T8-E1-E4-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	21.8	17.4	26.0

