

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116352.D
 Acq On : 17 Aug 2019 12:57
 Operator : HP/JU
 Sample : K4208-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(7-9)

Quant Time: Aug 19 06:45:25 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

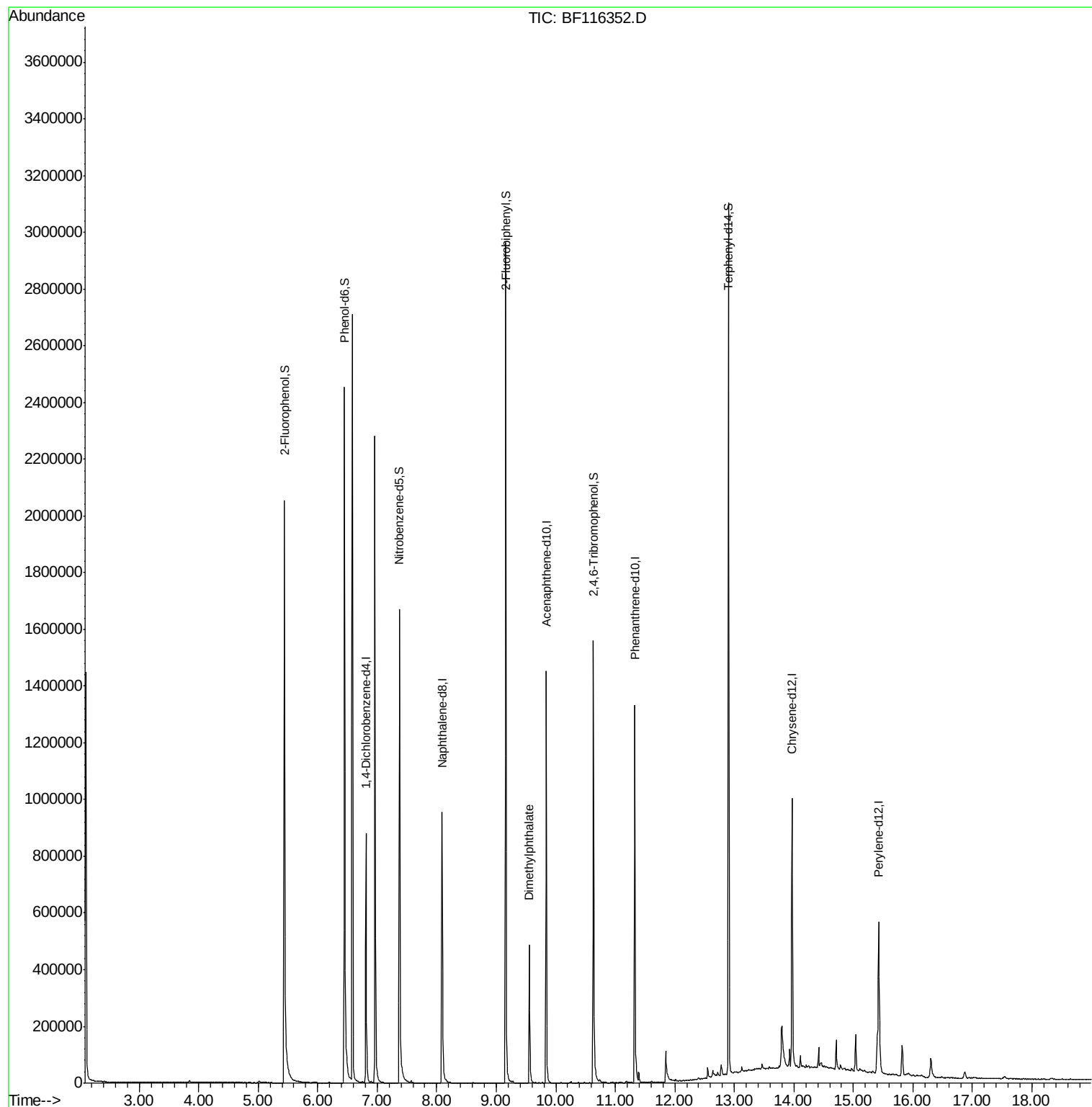
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138489	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	540259	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	280828	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	489028	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	327833	20.00	ng	-0.04
87) Perylene-d12	15.43	264	300057	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	730008	88.24	ng	-0.03
7) Phenol-d6	6.45	99	948000	90.83	ng	-0.04
23) Nitrobenzene-d5	7.37	82	619394	66.18	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	228271	83.84	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1021016	68.10	ng	-0.04
79) Terphenyl-d14	12.90	244	1023276	65.77	ng	-0.05
Target Compounds						
50) Dimethylphthalate	9.56	163	216069	11.300	ng	Qvalue 98

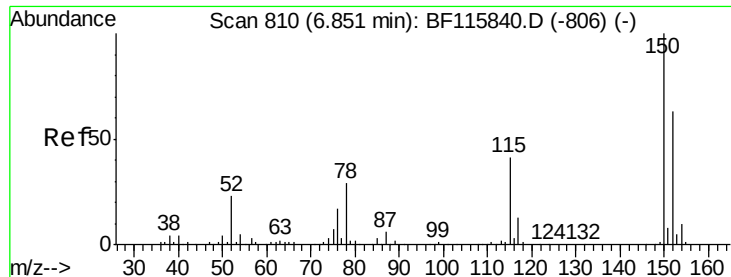
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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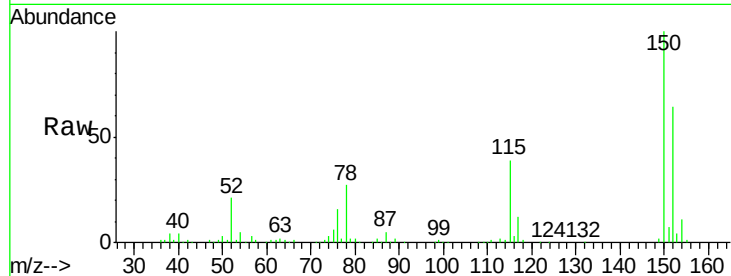


#1

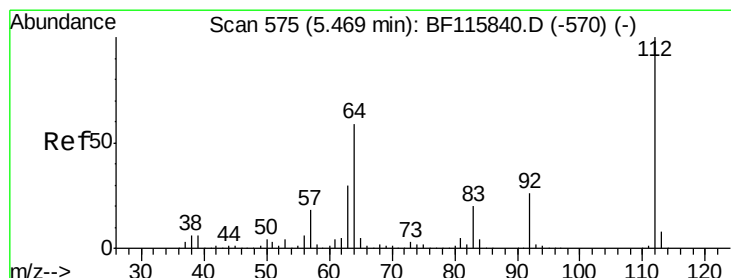
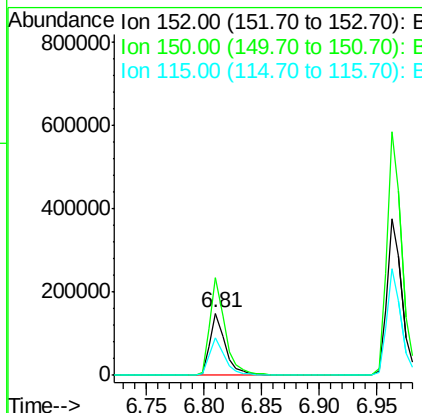
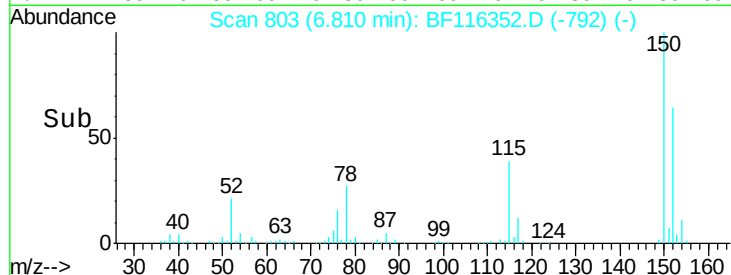
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116352.D
Acq: 17 Aug 2019 12:57

Instrument :
BNA_F
ClientSampleId :
SB-01(7-9)

Tot Ion:152 Resp: 138489
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 61.1 49.9 74.9



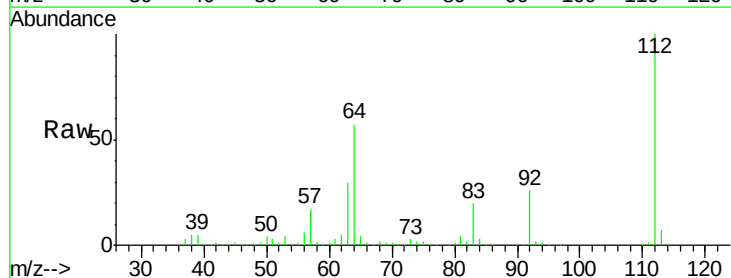
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



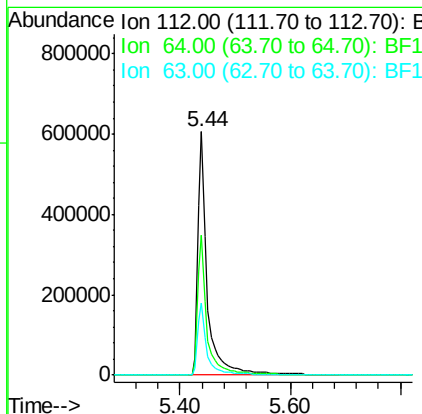
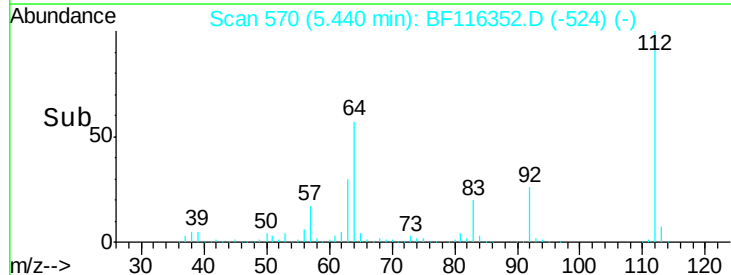
#5

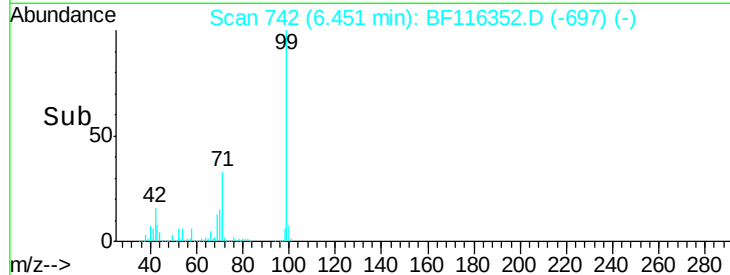
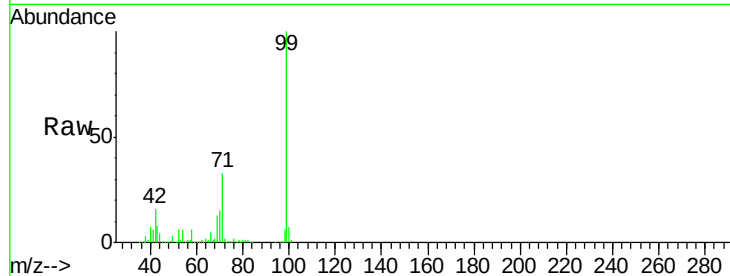
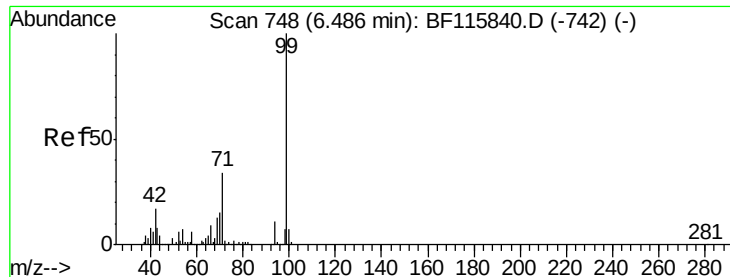
2-Fluorophenol
Concen: 88.244 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116352.D
Acq: 17 Aug 2019 12:57

Tgt Ion:112 Resp: 730008
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.2
63 29.6 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: 90.827 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

Instrument :

BNA_F

ClientSampleId :

SB-01(7-9)

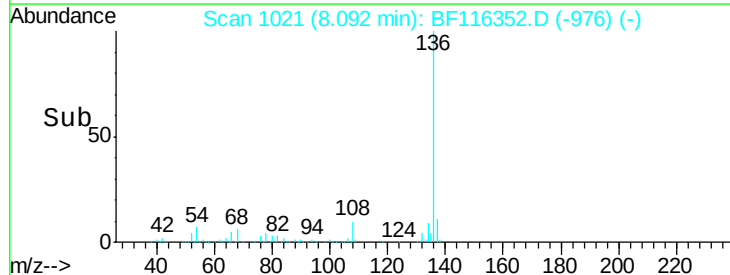
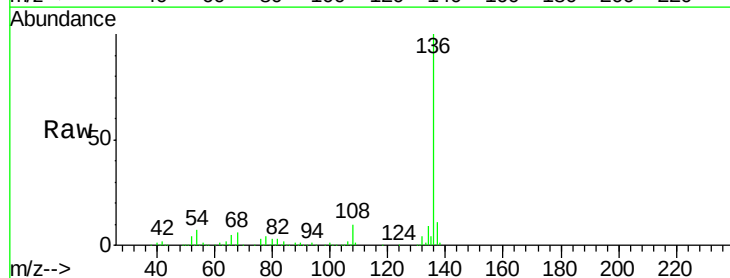
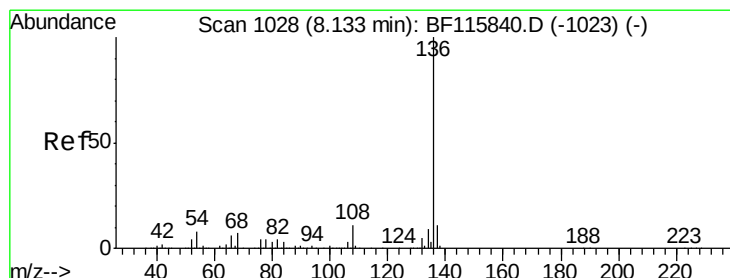
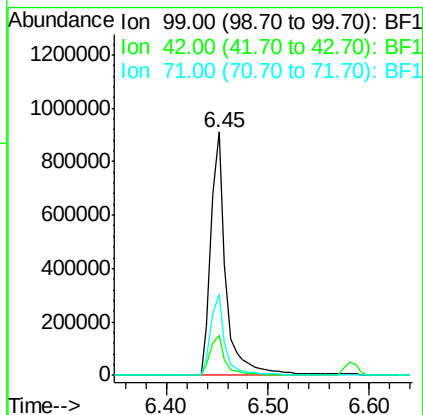
Tot Ion: 99 Resp: 948000

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

71 33.4 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.04 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

Tgt Ion: 136 Resp: 540259

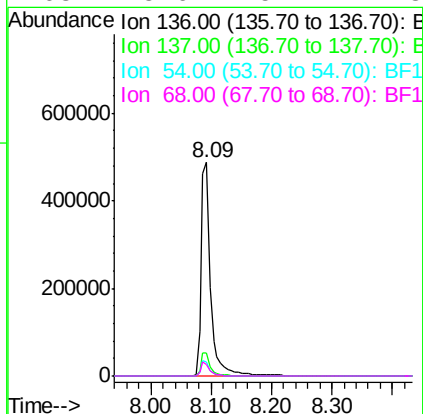
Ion Ratio Lower Upper

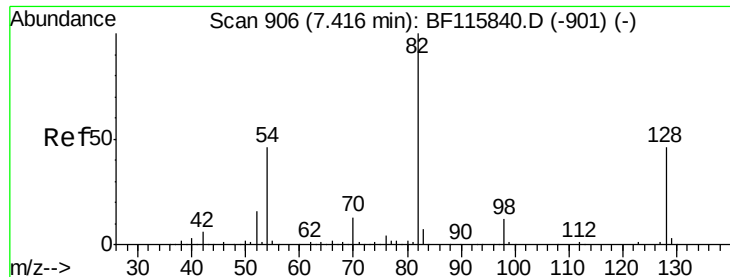
136 100

137 10.8 9.0 13.4

54 6.5 5.8 8.6

68 5.6 5.2 7.8

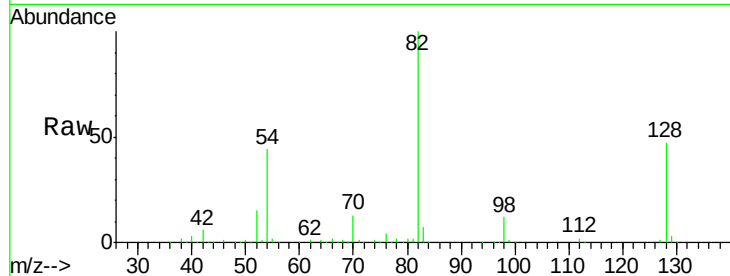




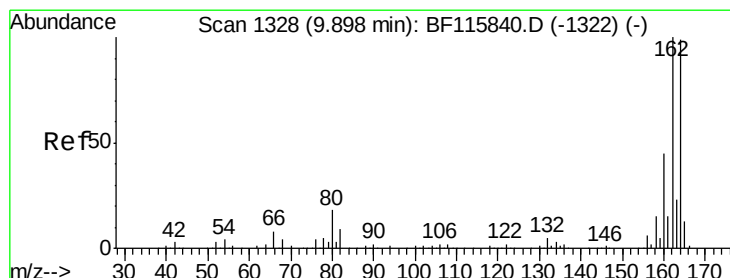
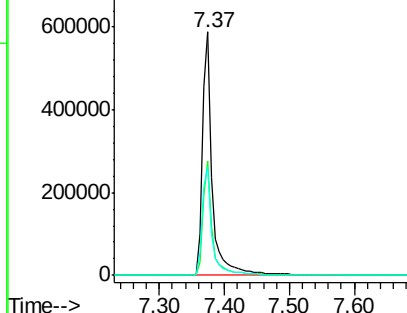
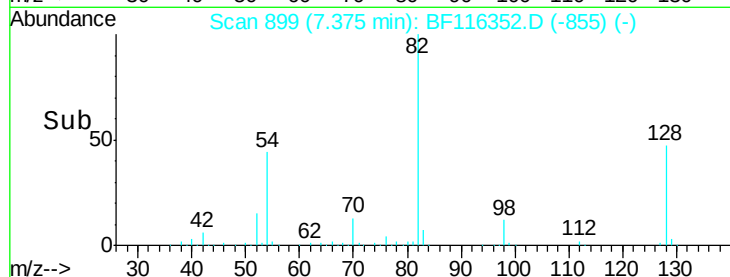
#23
 Nitrobenzene-d5
 Concen: 66.178 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.04 min
 Lab File: BF116352.D
 Acq: 17 Aug 2019 12:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(7-9)

Tot Ion	82	Resp	619394
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
128	46.9		
54	44.5		
	36.0		
	54.0		

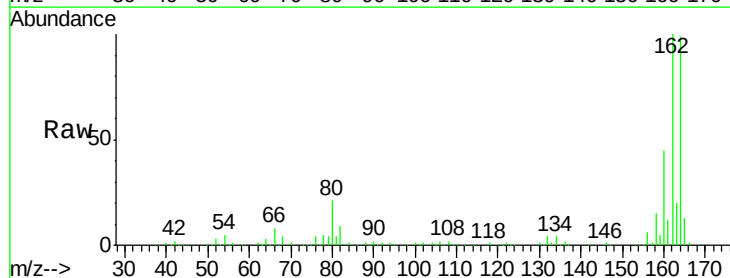


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

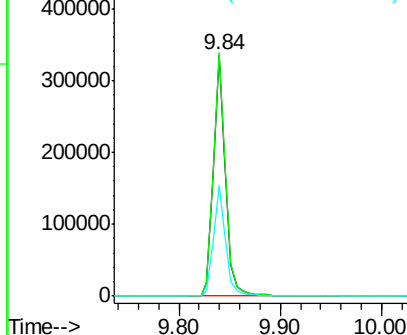
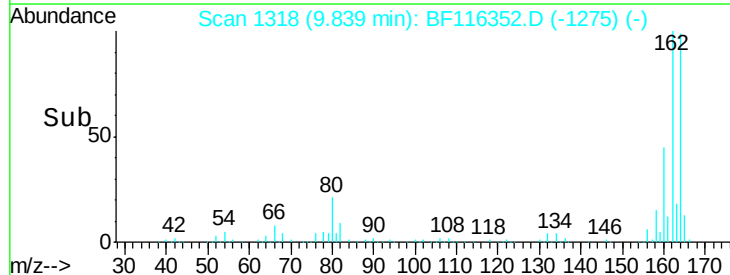


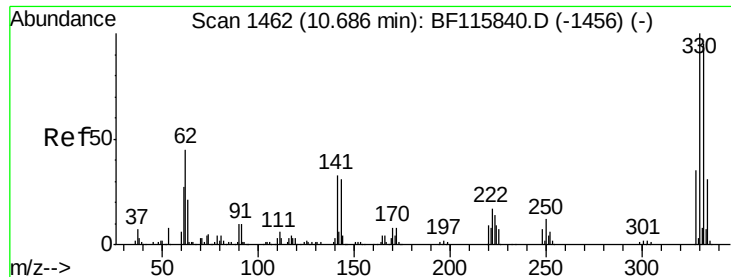
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF116352.D
 Acq: 17 Aug 2019 12:57

Tgt Ion	164	Resp	280828
Ion Ratio	100		
Lower	82.6		
Upper	124.0		
162	100.8		
160	45.5		
	37.6		
	56.4		



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 83.840 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

Instrument :

BNA_F

ClientSampleId :

SB-01(7-9)

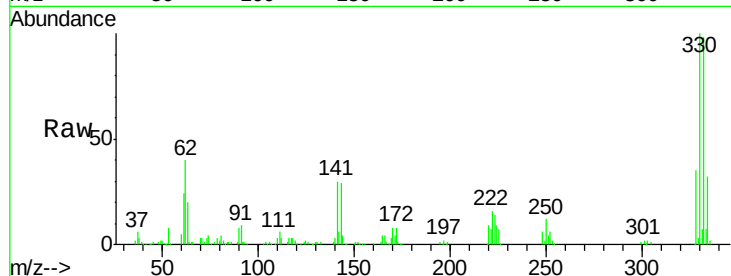
Tot Ion:330 Resp: 228271

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

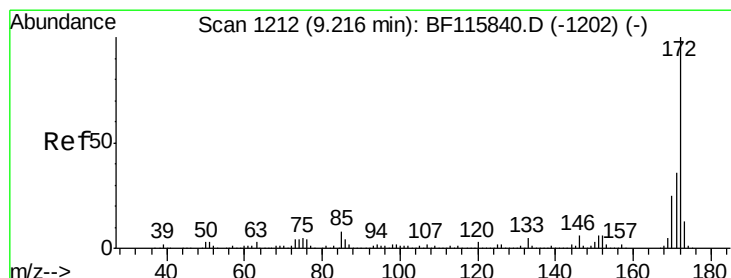
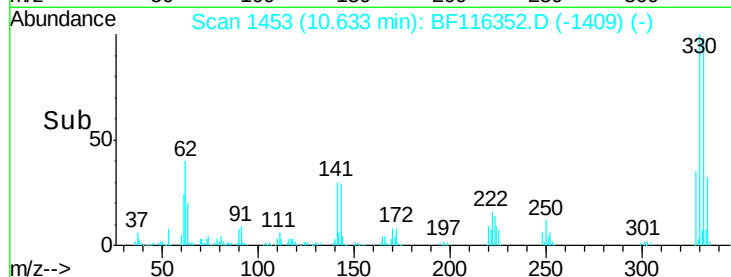
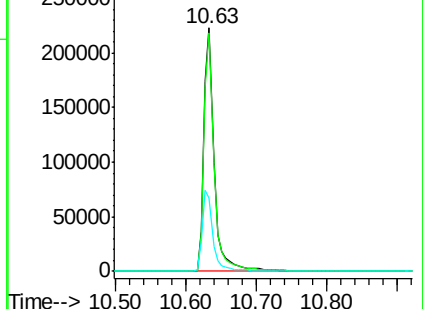
141 35.1 26.3 39.5



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: 68.100 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.04 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

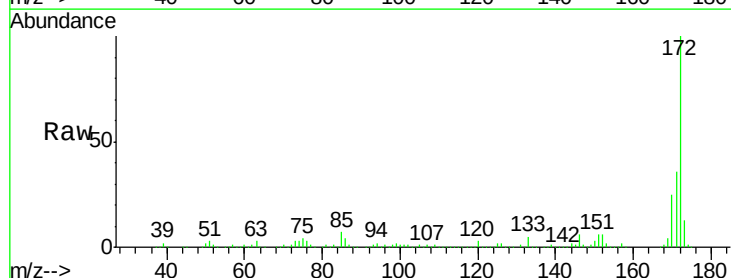
Tgt Ion:172 Resp: 1021016

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

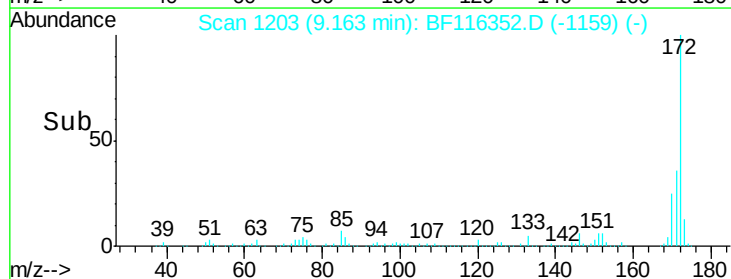
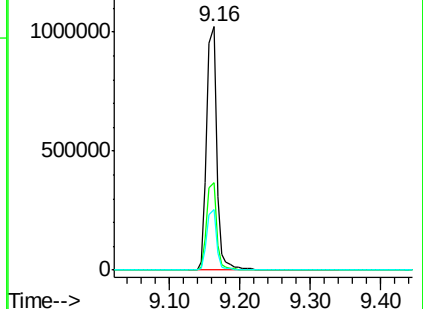
170 24.9 20.1 30.1

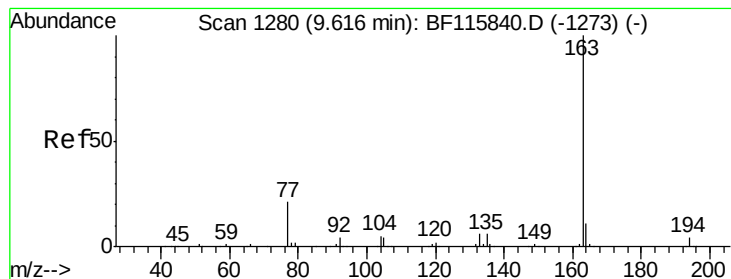


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.300 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.05 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

Instrument :

BNA_F

ClientSampleId :

SB-01(7-9)

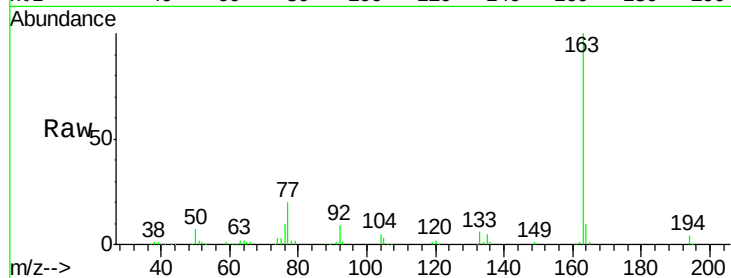
Tot Ion:163 Resp: 216069

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

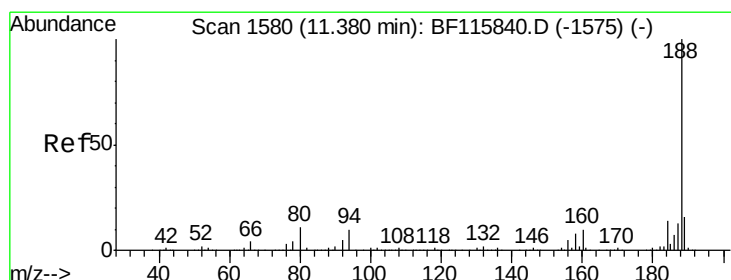
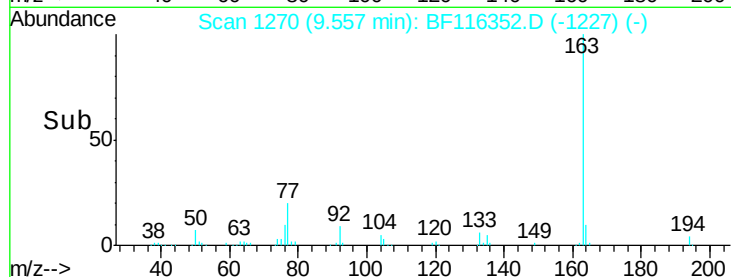
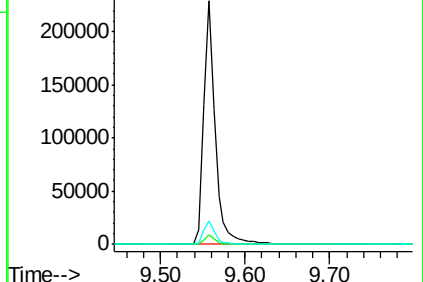
164 9.6 8.4 12.6



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: 11.33 min Scan# 1571

Delta R.T. -0.04 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

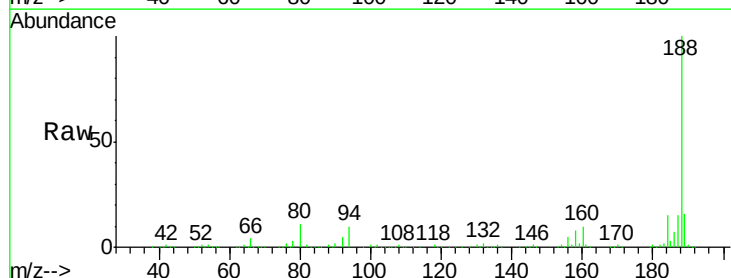
Tgt Ion:188 Resp: 489028

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

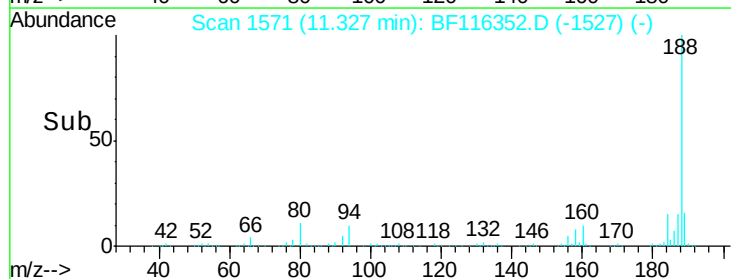
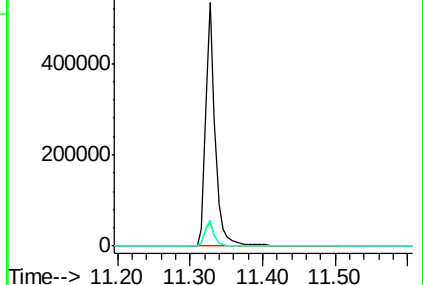
80 10.5 8.7 13.1

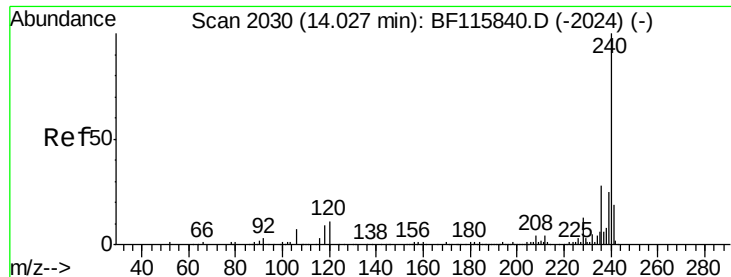


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.04 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

Instrument :

BNA_F

ClientSampleId :

SB-01(7-9)

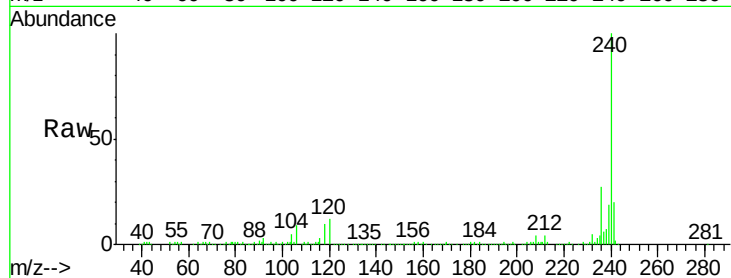
Tot Ion:240 Resp: 327833

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

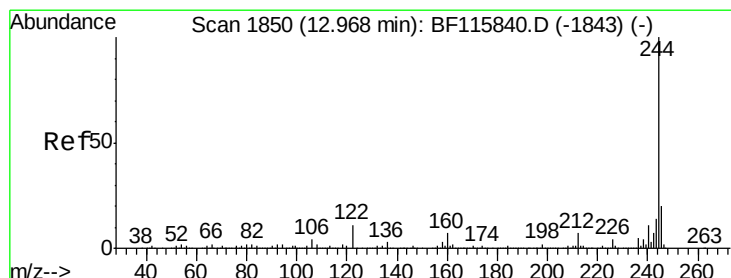
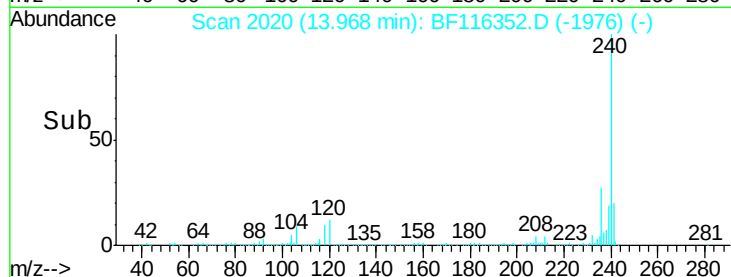
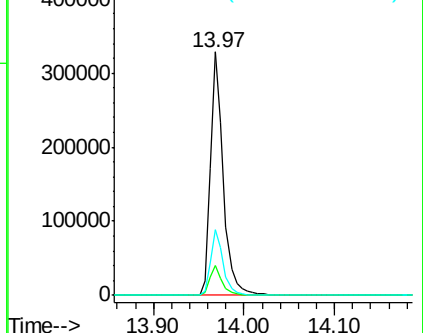
236 26.7 22.2 33.2



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: 65.772 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116352.D

Acq: 17 Aug 2019 12:57

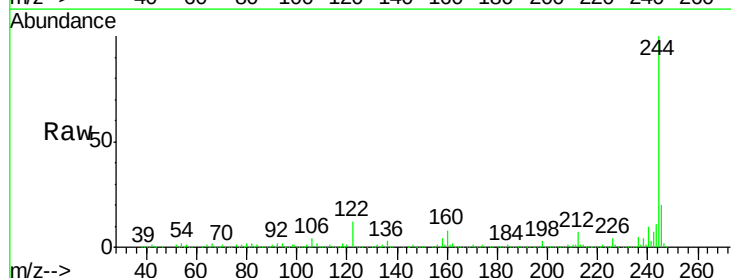
Tgt Ion:244 Resp: 1023276

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

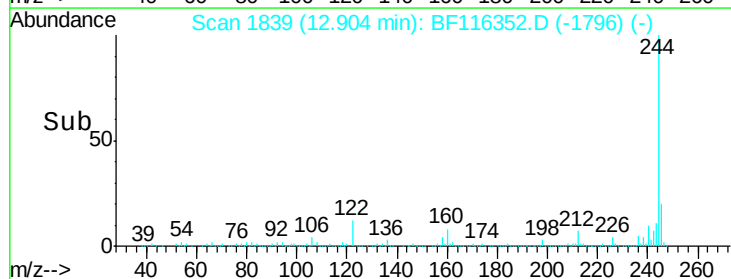
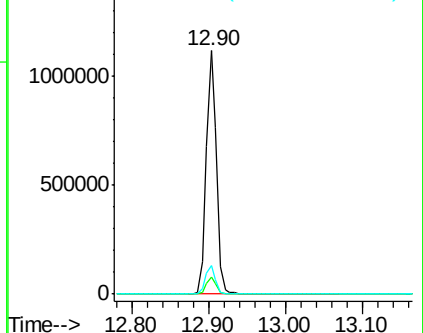
122 11.8 9.0 13.4

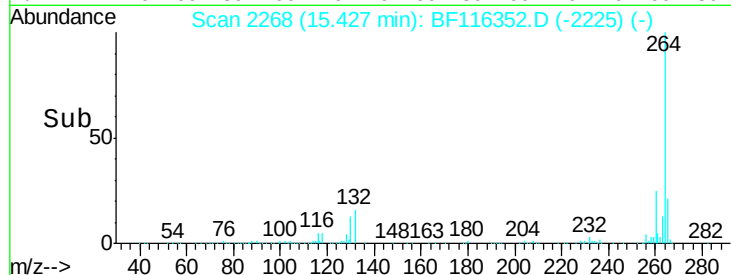
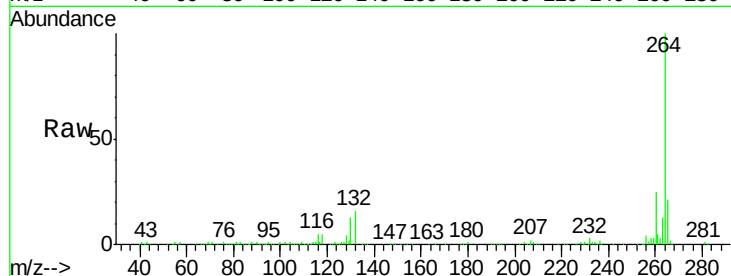
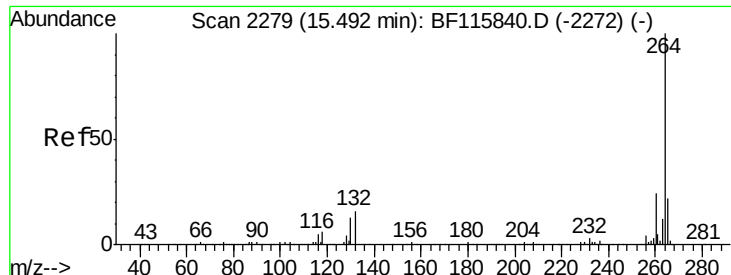


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2268
Delta R.T. -0.05 min
Lab File: BF116352.D
Acq: 17 Aug 2019 12:57

Instrument :
BNA_F
ClientSampleId :
SB-01(7-9)

Tot Ion:	264	Resp:	300057
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.3	17.4	26.0

