

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116399.D
 Acq On : 19 Aug 2019 20:34
 Operator : HP/JU
 Sample : K4272-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-G1-G4-(1)

Quant Time: Aug 20 02:22:17 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

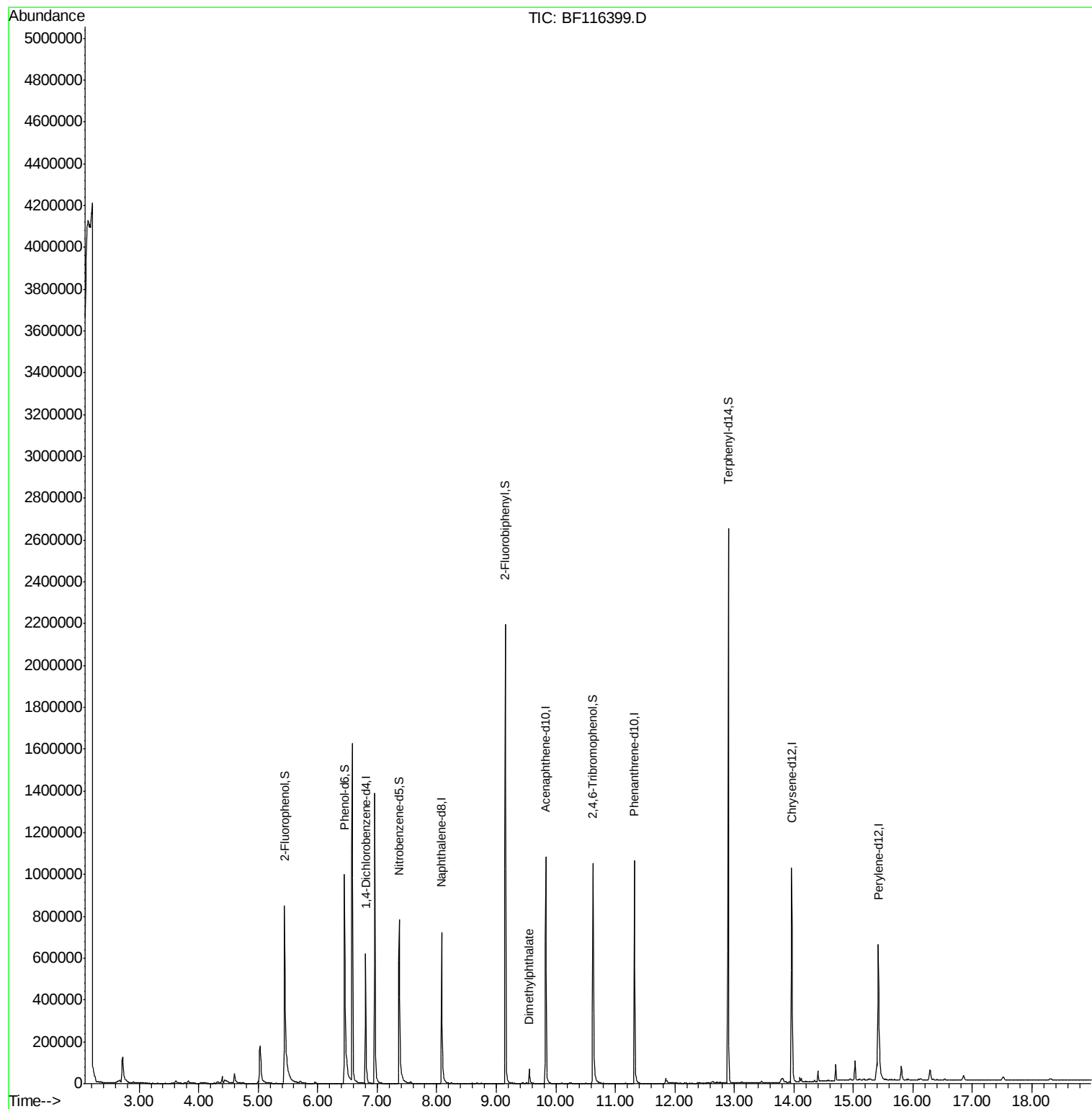
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97987	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	403420	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	218521	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	419143	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	379692	20.00	ng	-0.02
87) Perylene-d12	15.42	264	388480	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	446494	76.28	ng	0.00
7) Phenol-d6	6.45	99	565726	76.61	ng	-0.01
23) Nitrobenzene-d5	7.37	82	356925	51.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	164243	77.52	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	674104	57.78	ng	-0.02
79) Terphenyl-d14	12.90	244	882036	48.95	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	40412	2.716	ng	Qvalue 100

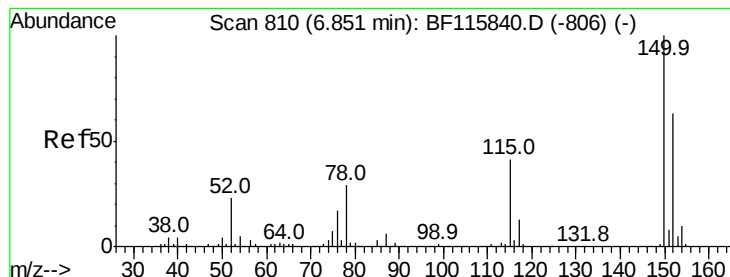
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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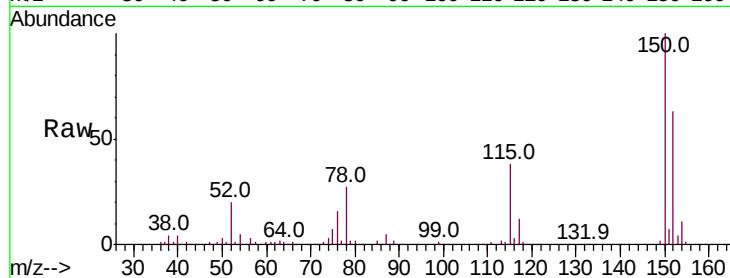


#1

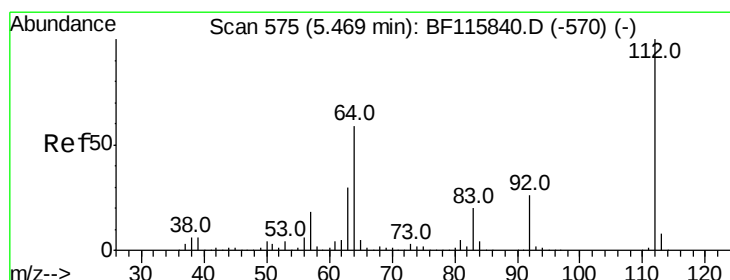
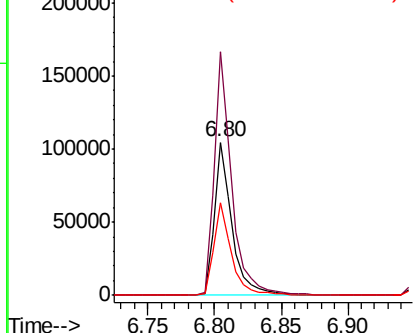
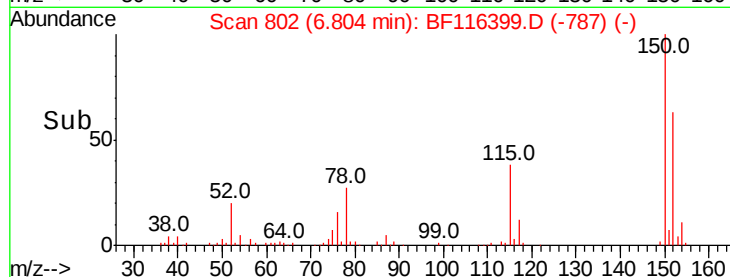
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116399.D
Acq: 19 Aug 2019 20:34

Instrument :
BNA_F
ClientSampleId :
2S-G1-G4-(1)

Tot Ion:152 Resp: 97987
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 60.8 49.9 74.9



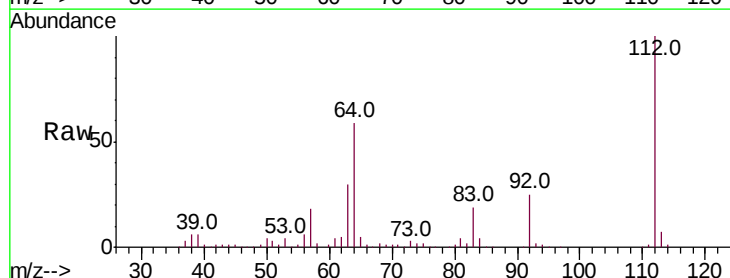
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



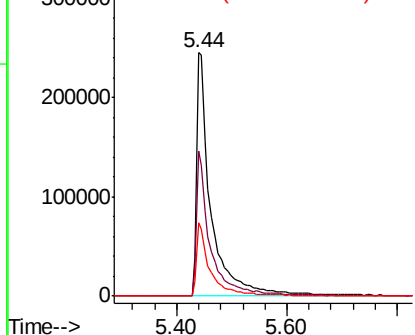
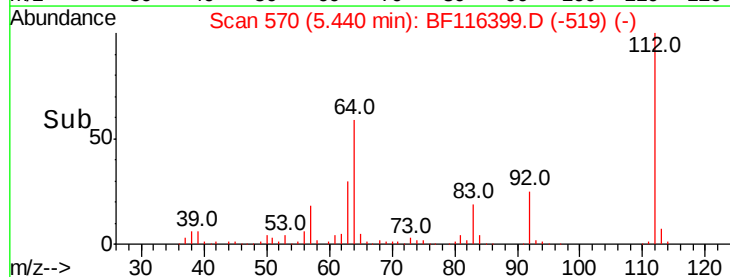
#5

2-Fluorophenol
Concen: 76.281 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116399.D
Acq: 19 Aug 2019 20:34

Tgt Ion:112 Resp: 446494
Ion Ratio Lower Upper
112 100
64 59.4 45.4 68.2
63 30.3 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: 76.606 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

2S-G1-G4-(1)

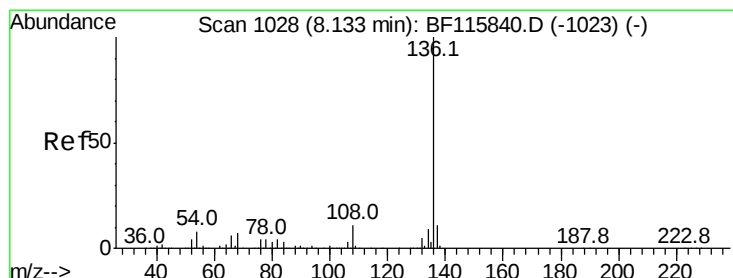
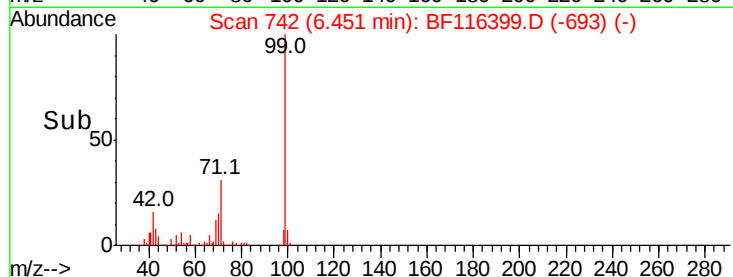
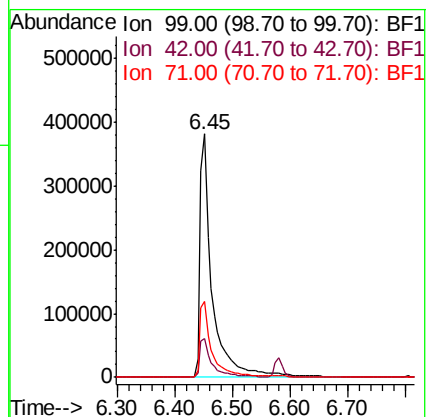
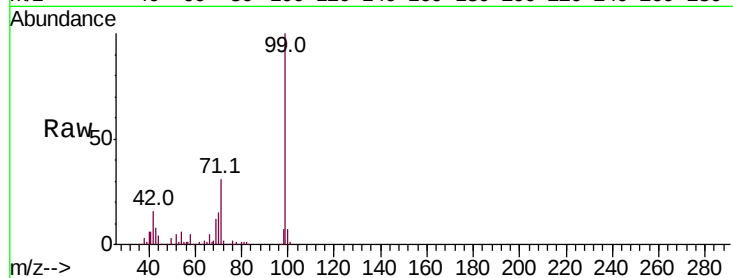
Tot Ion: 99 Resp: 565726

Ion Ratio Lower Upper

99 100

42 15.8 13.8 20.8

71 31.5 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Tgt Ion: 136 Resp: 403420

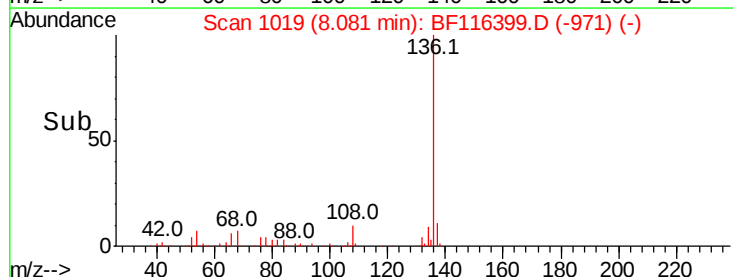
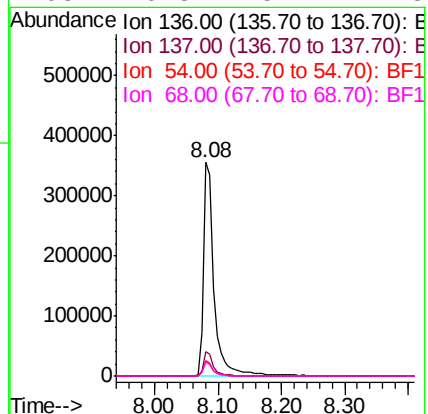
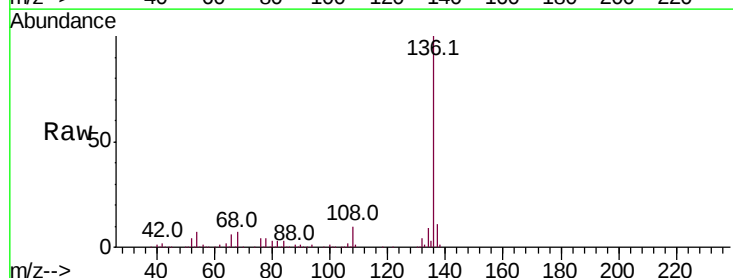
Ion Ratio Lower Upper

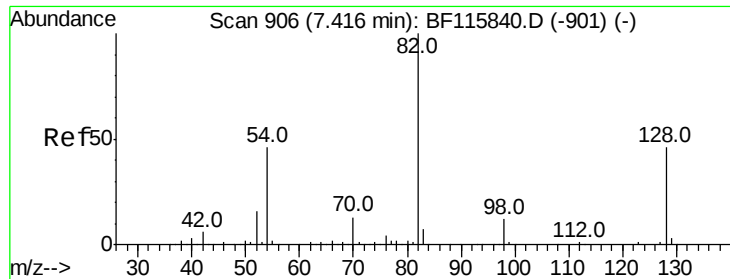
136 100

137 11.3 9.0 13.4

54 7.5 5.8 8.6

68 6.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 51.070 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

2S-G1-G4-(1)

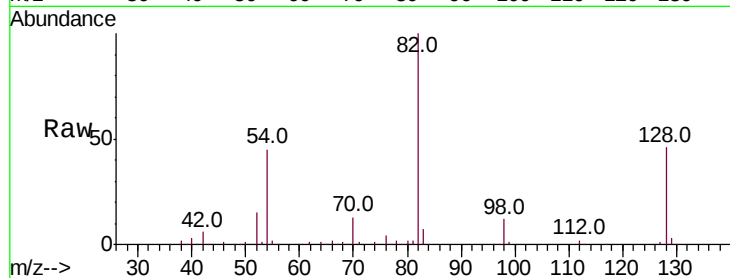
Tot Ion: 82 Resp: 356925

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

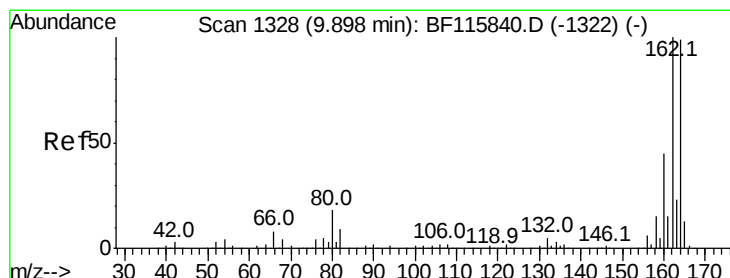
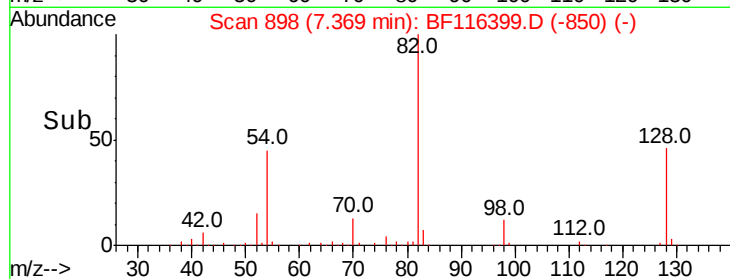
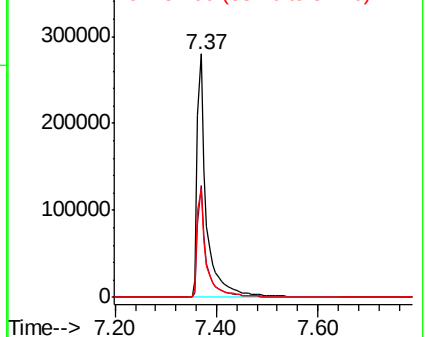
54 44.6 36.0 54.0



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

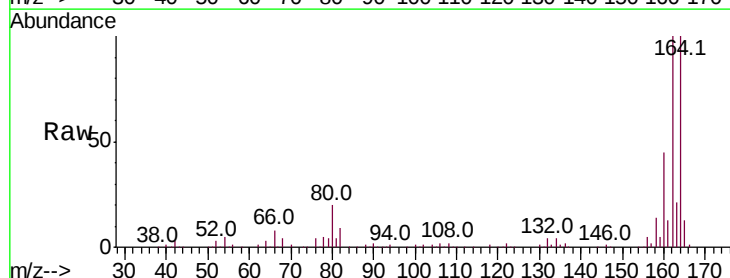
Tgt Ion: 164 Resp: 218521

Ion Ratio Lower Upper

164 100

162 100.4 82.6 124.0

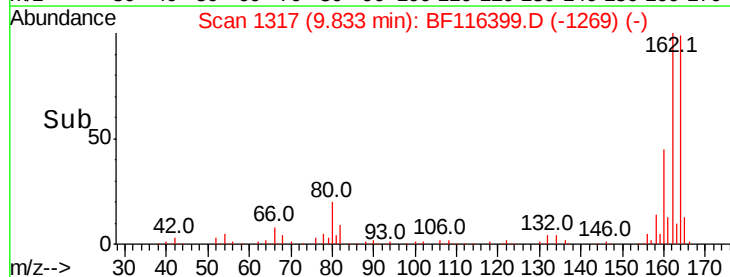
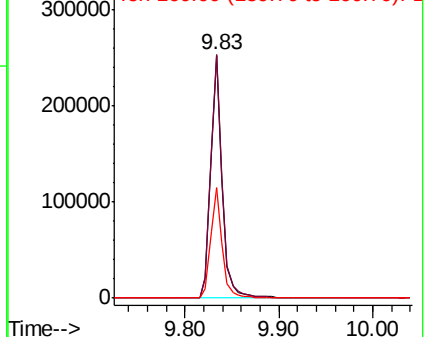
160 45.5 37.6 56.4

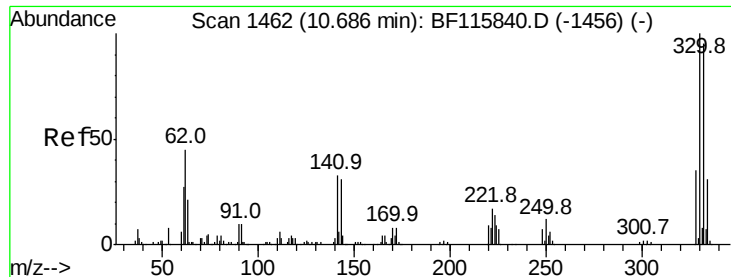


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

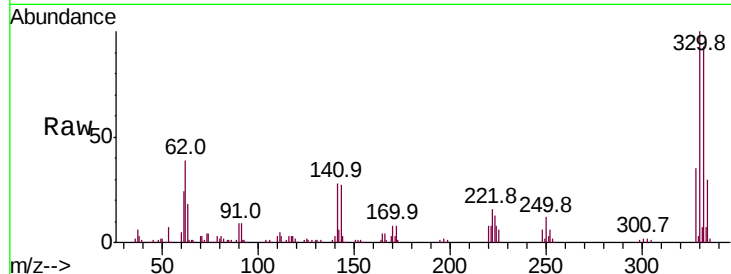




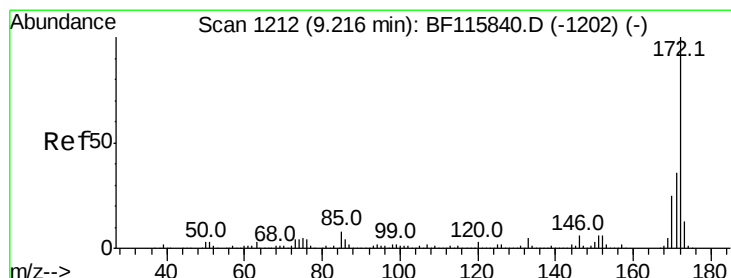
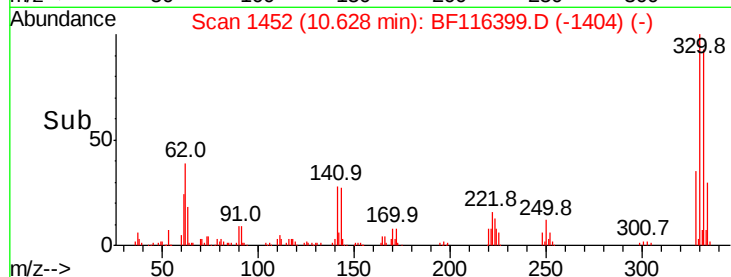
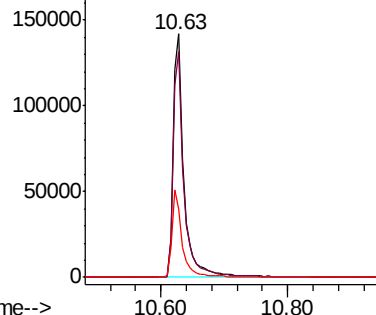
#42
 2,4,6-Tribromophenol
 Concen: 77.524 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :
 2S-G1-G4-(1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.8	115.2
141	34.0	26.3	39.5

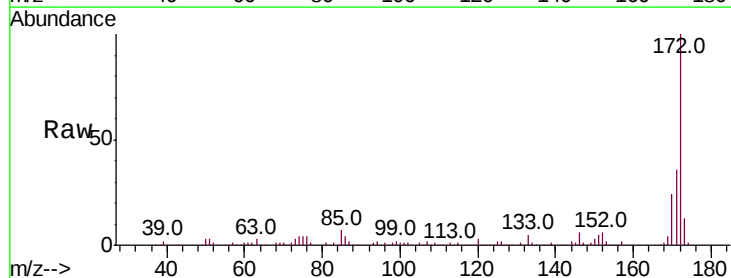


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

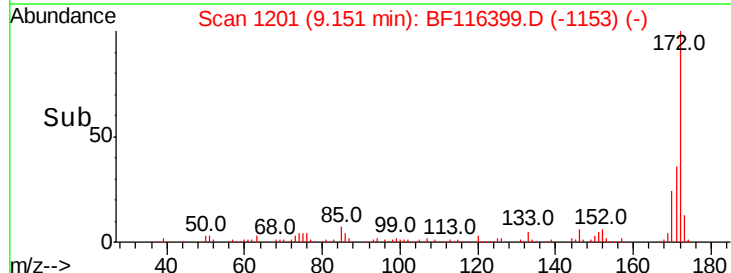
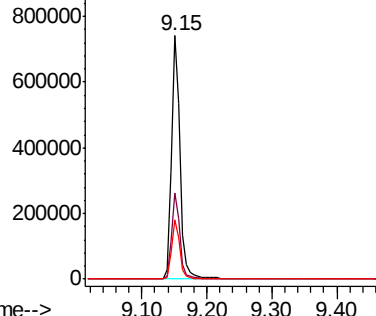


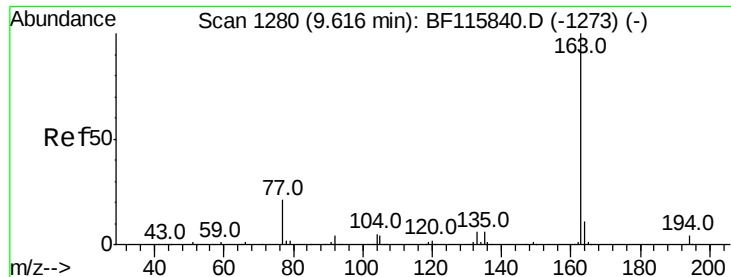
#45
 2-Fluorobiphenyl
 Concen: 57.781 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.4	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: 2.716 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116399.D

Acq: 19 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

2S-G1-G4-(1)

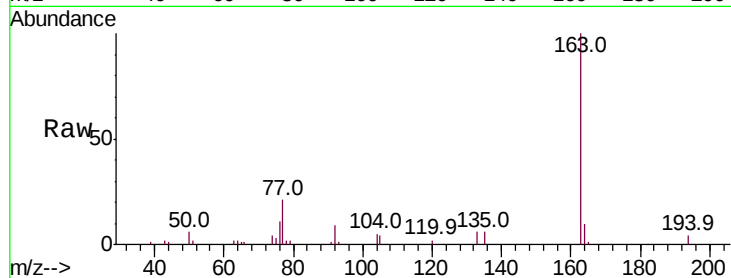
Tot Ion:163 Resp: 40412

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

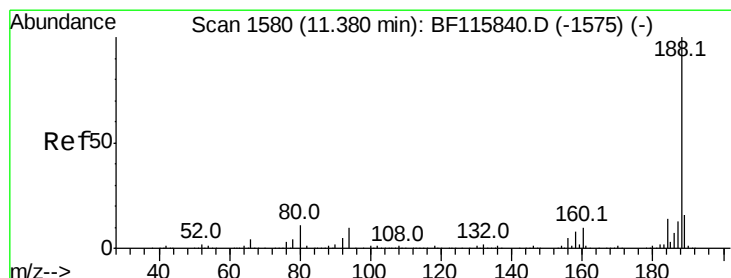
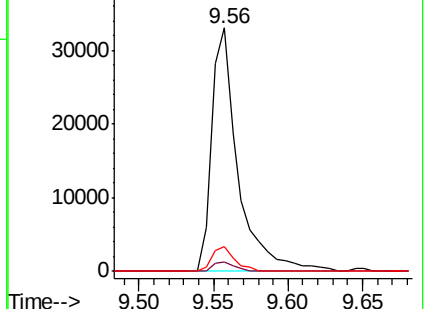
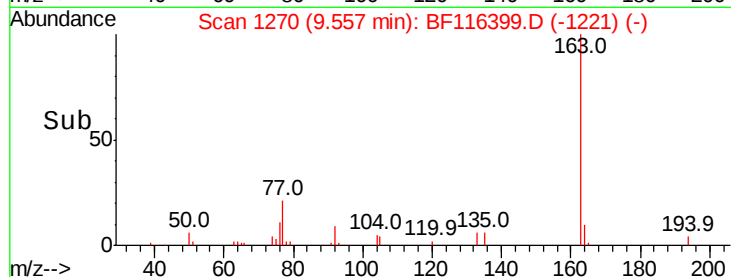
164 10.4 8.4 12.6



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: BF116399.D

Acq: 19 Aug 2019 20:34

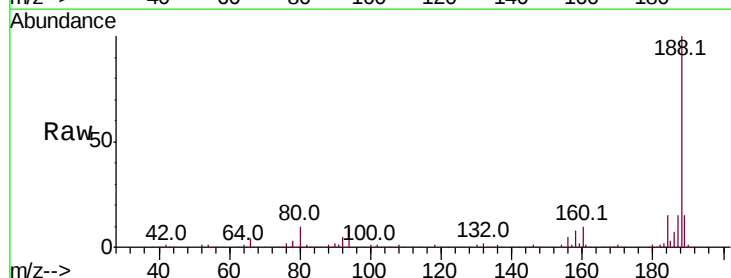
Tgt Ion:188 Resp: 419143

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

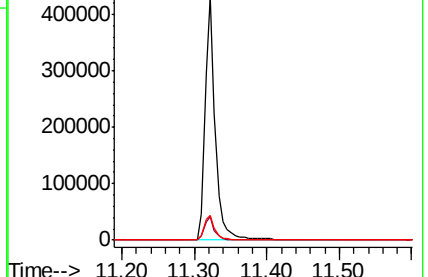
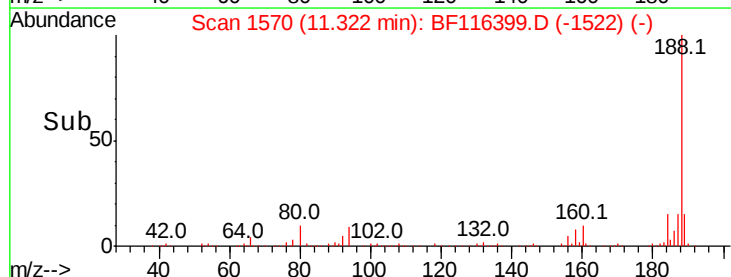
80 10.1 8.7 13.1

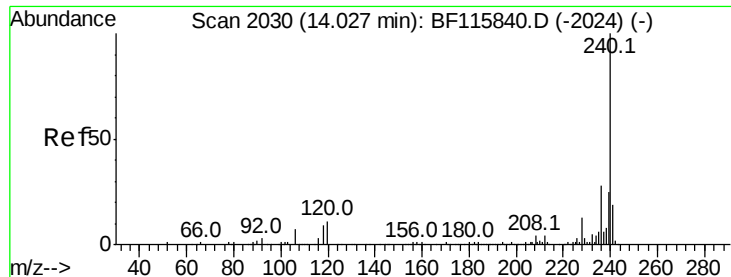


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

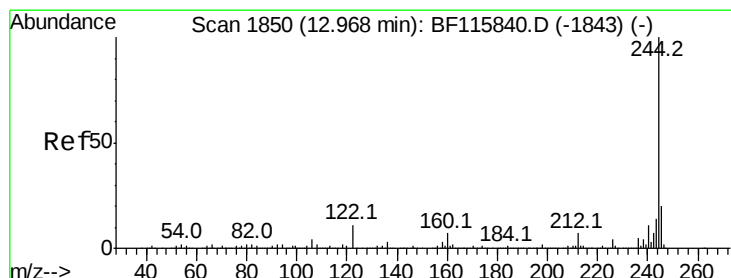
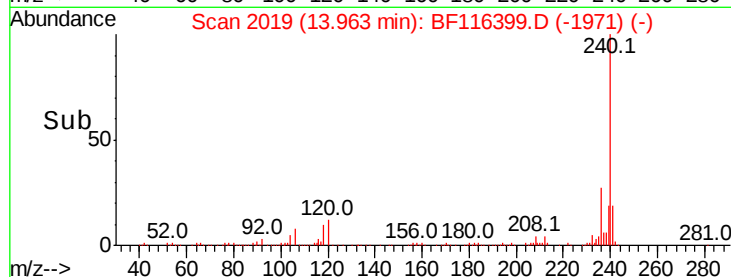
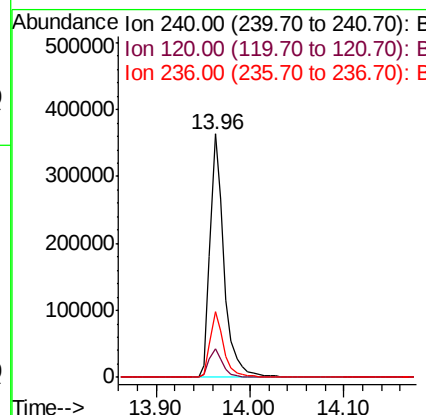
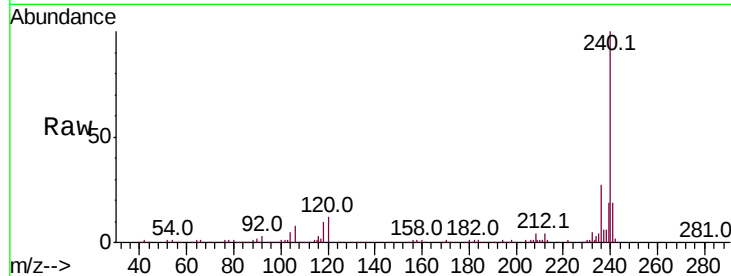




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

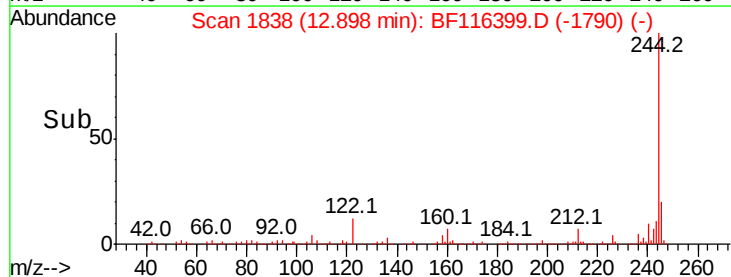
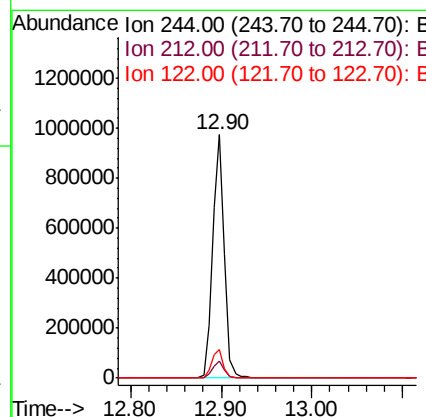
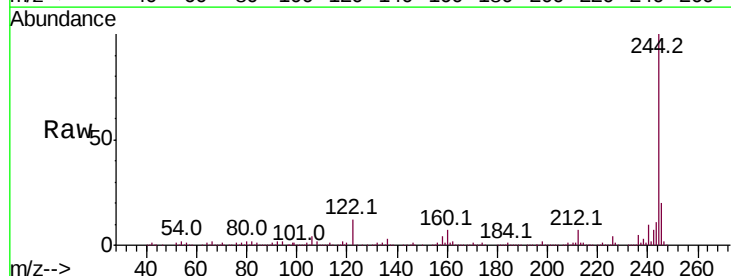
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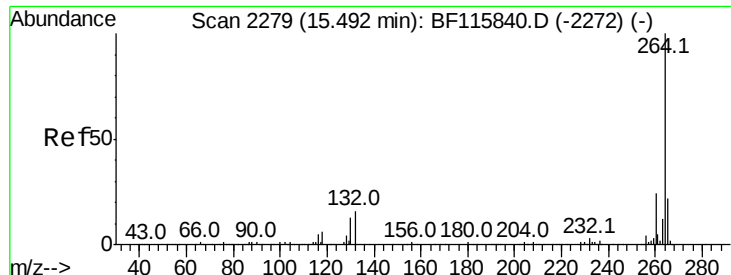
Tot Ion:240 Resp: 379692
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.7 16.1
 236 26.8 22.2 33.2



#79
 Terphenyl-d14
 Concen: 48.950 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Tgt Ion:244 Resp: 882036
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.5 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF116399.D
 Acq: 19 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :
 2S-G1-G4-(1)

Tot Ion:264 Resp: 388480
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 21.8 17.4 26.0

