

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116389.D
 Acq On : 19 Aug 2019 14:57
 Operator : HP/JU
 Sample : K4321-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Aug 19 16:38:01 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

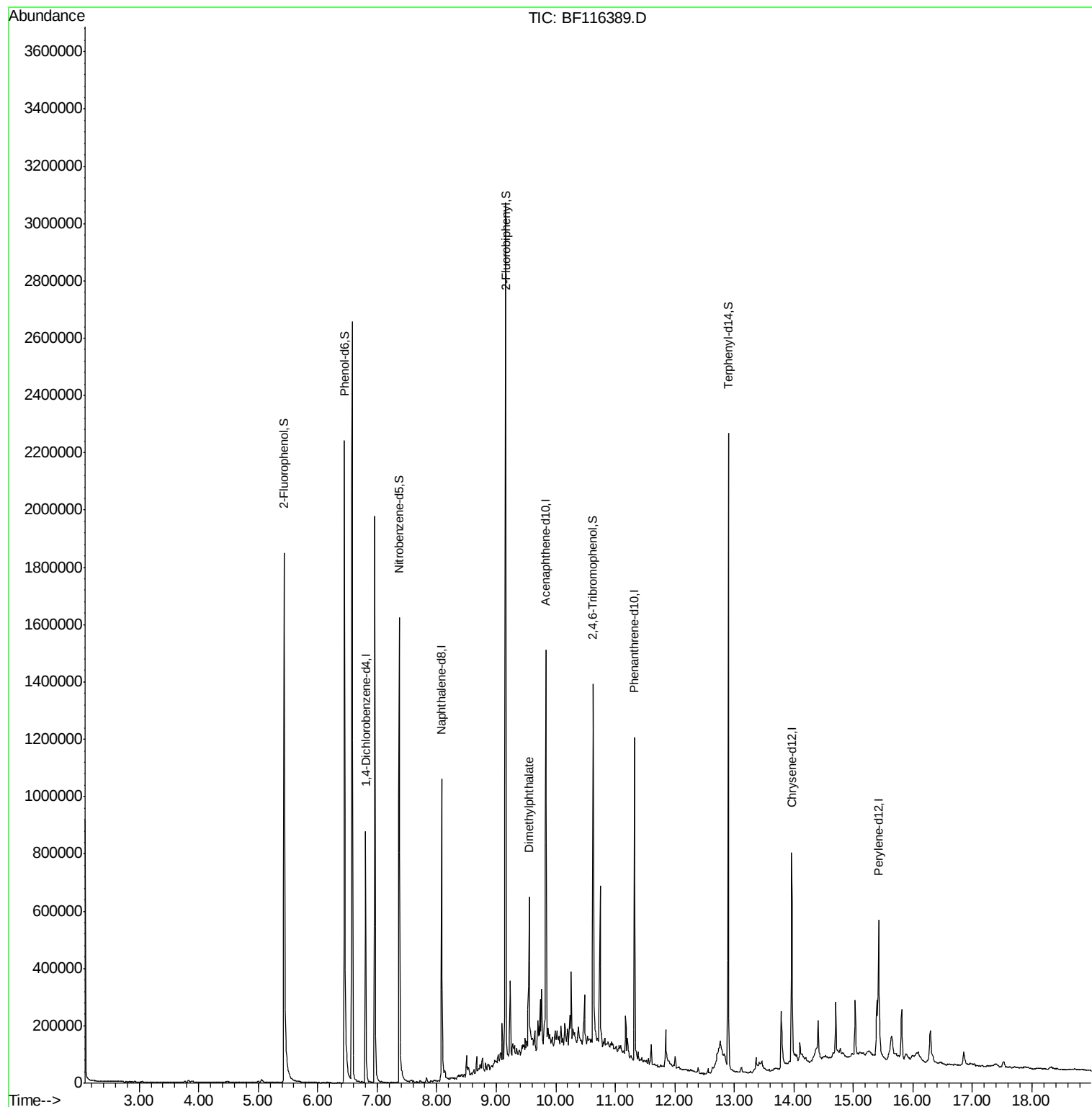
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137653	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	534385	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	262888	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	388899	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	232846	20.00	ng	-0.02
87) Perylene-d12	15.42	264	249889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	693222	84.31	ng	0.00
7) Phenol-d6	6.45	99	886152	85.42	ng	-0.01
23) Nitrobenzene-d5	7.37	82	555880	60.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	176717	69.33	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	944883	67.32	ng	-0.01
79) Terphenyl-d14	12.90	244	705825	63.87	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	105706	5.905	ng	Qvalue 100

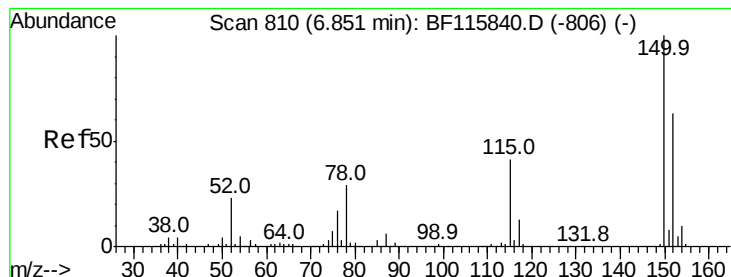
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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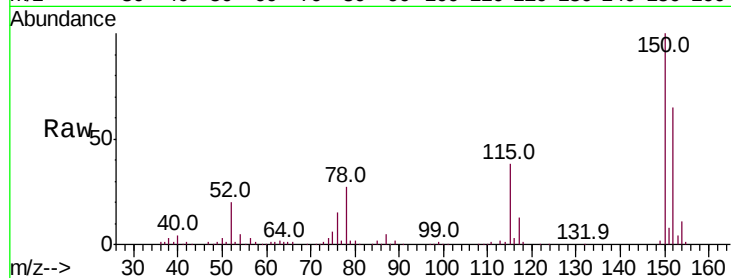


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	59.5	49.9	74.9

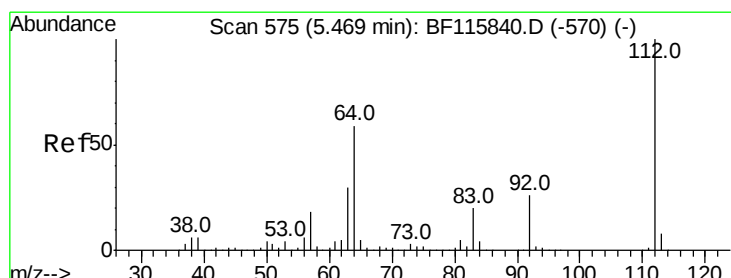
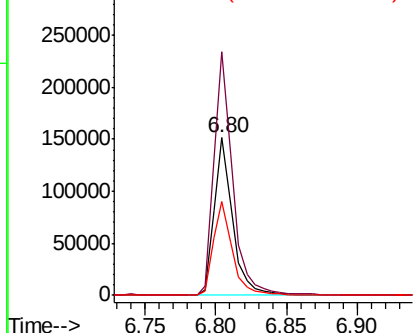
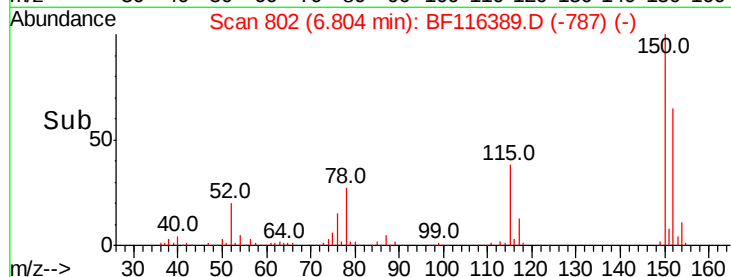


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

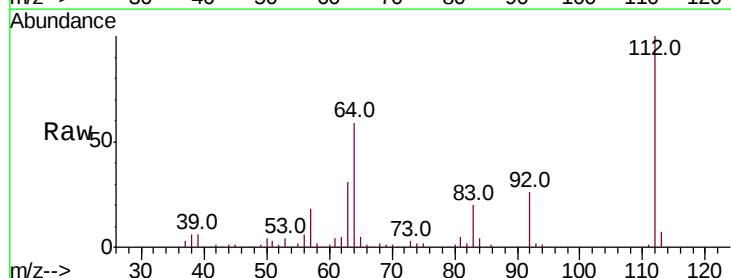
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 84.306 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	45.4	68.2
63	30.6	23.7	35.5

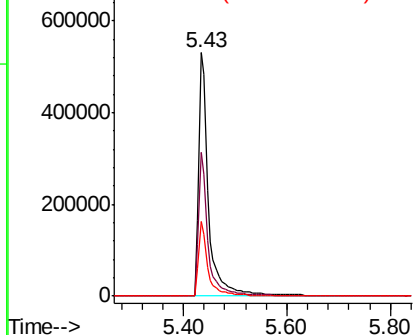
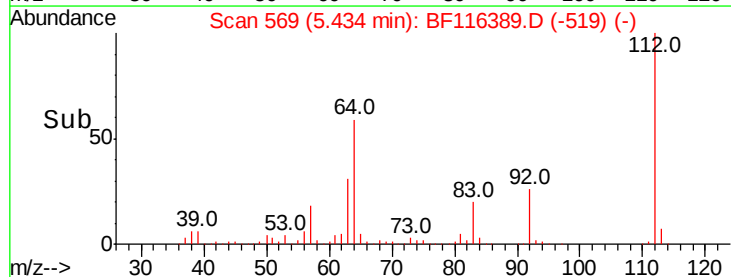


Abundance

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: 85.417 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

Instrument :

BNA_F

ClientSampled :

SP-3

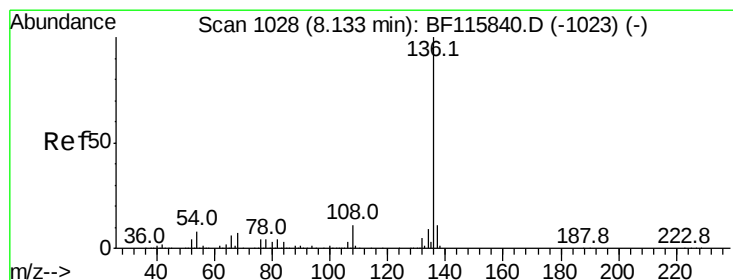
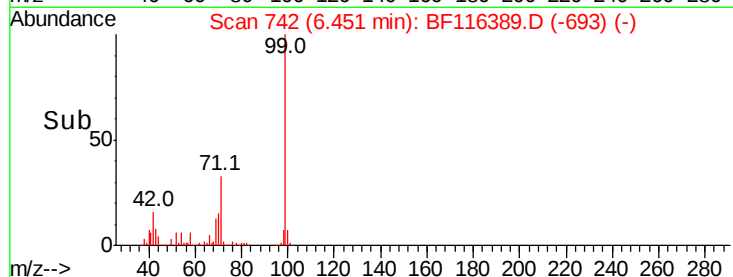
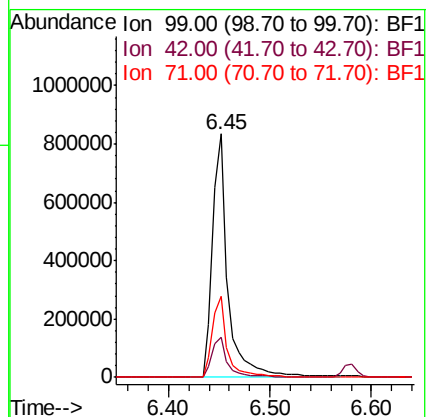
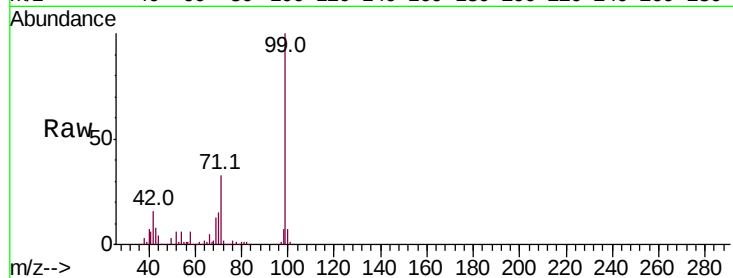
Tot Ion: 99 Resp: 886152

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 33.2 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: BF116389.D

Acq: 19 Aug 2019 14:57

Tgt Ion: 136 Resp: 534385

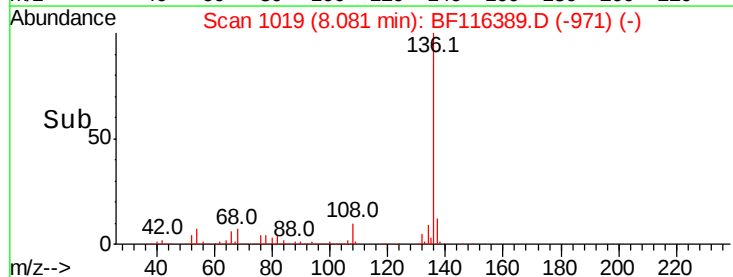
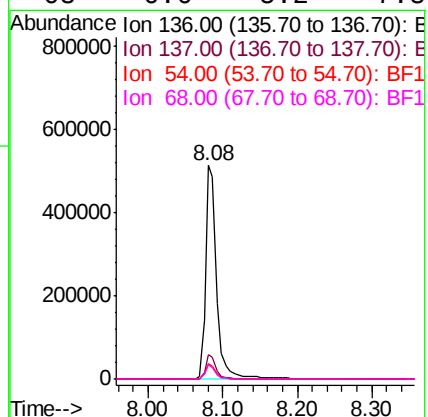
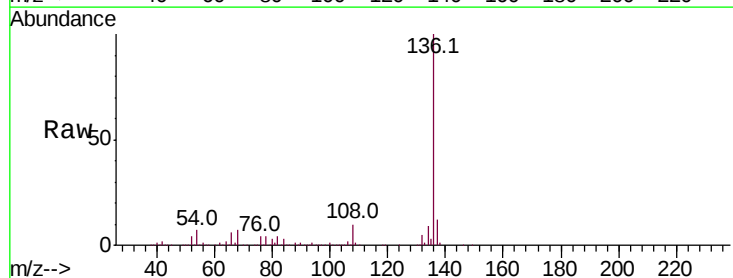
Ion Ratio Lower Upper

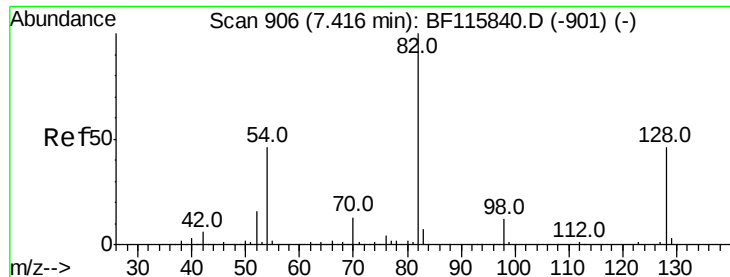
136 100

137 11.6 9.0 13.4

54 7.4 5.8 8.6

68 6.6 5.2 7.8

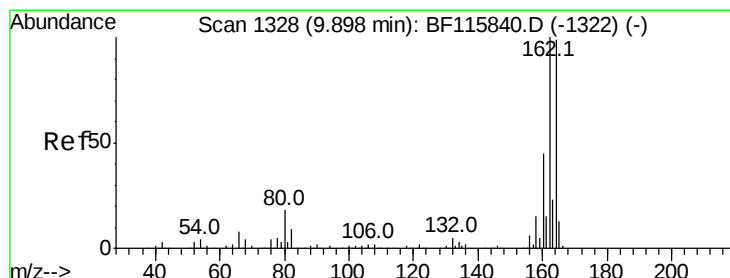
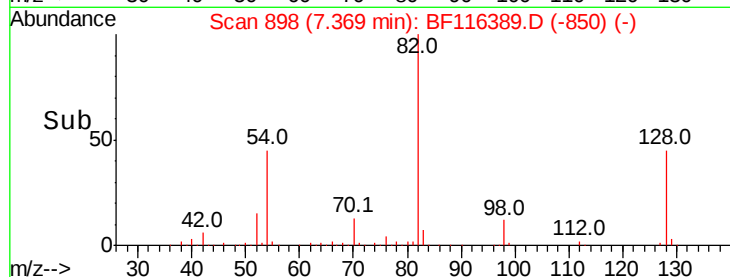
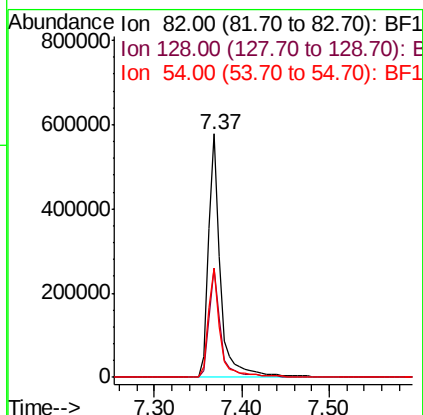
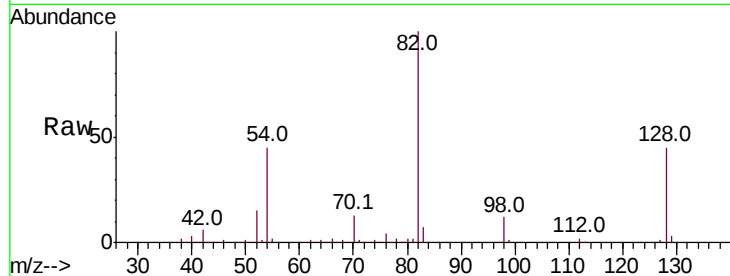




#23
 Nitrobenzene-d5
 Concen: 60.045 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

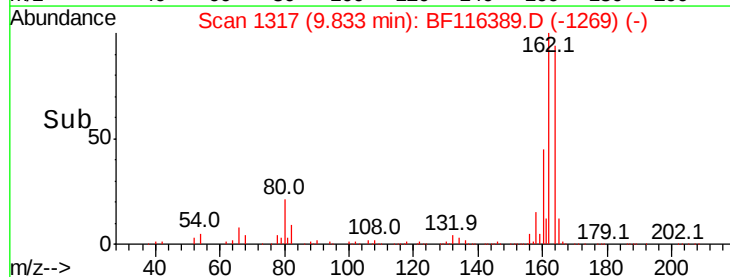
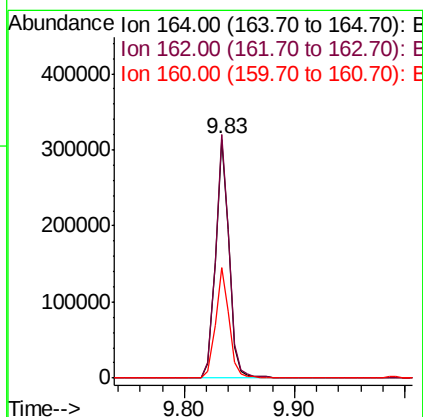
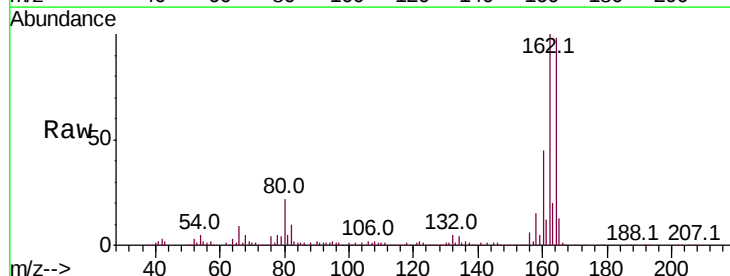
Instrument :
 BNA_F
 ClientSampled :
 SP-3

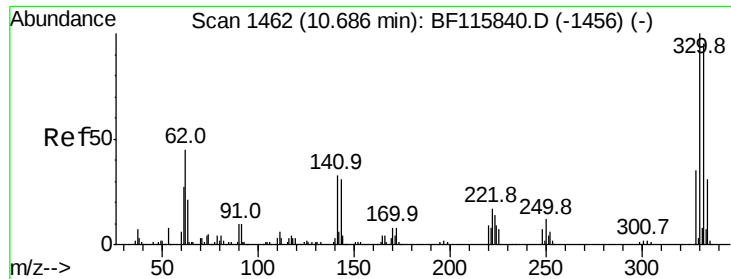
Tot Ion: 82 Resp: 555880
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.5 54.7
 54 45.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Tgt Ion:164 Resp: 262888
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 124.0
 160 46.1 37.6 56.4

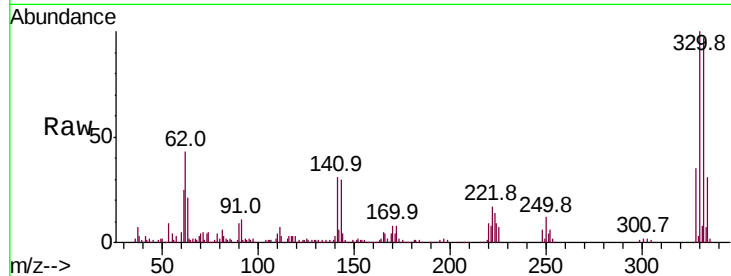




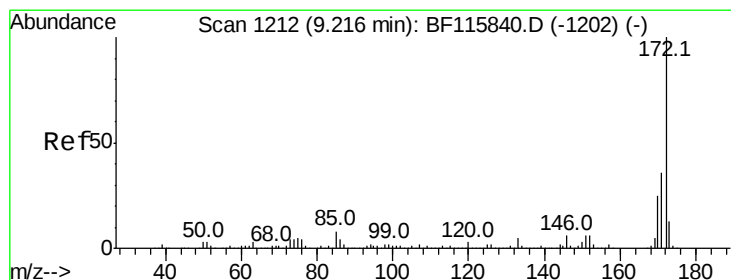
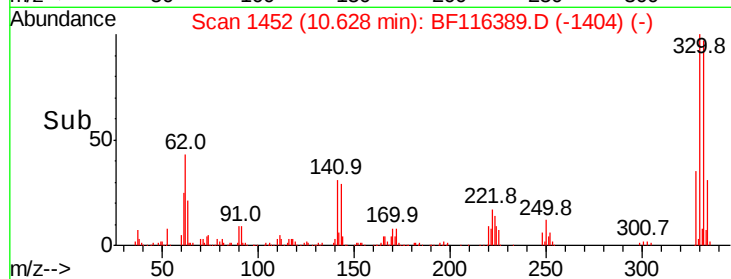
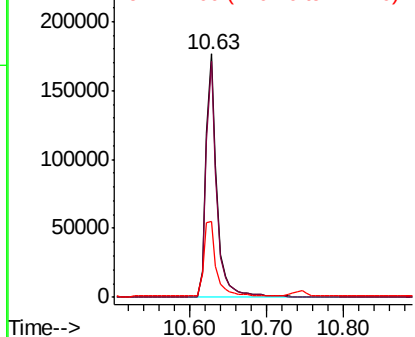
#42
 2,4,6-Tribromophenol
 Concen: 69.334 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	34.4	26.3	39.5

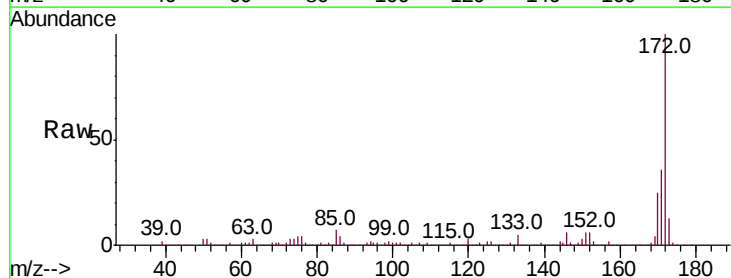


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

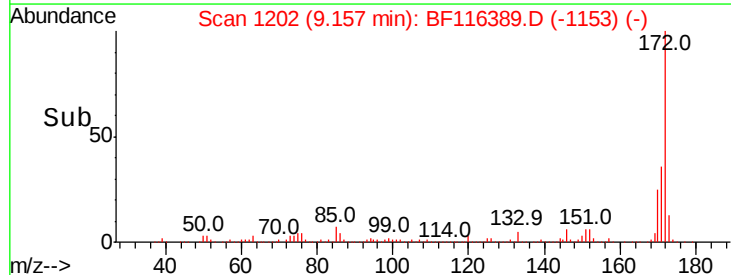
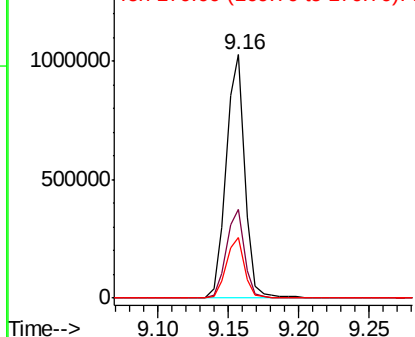


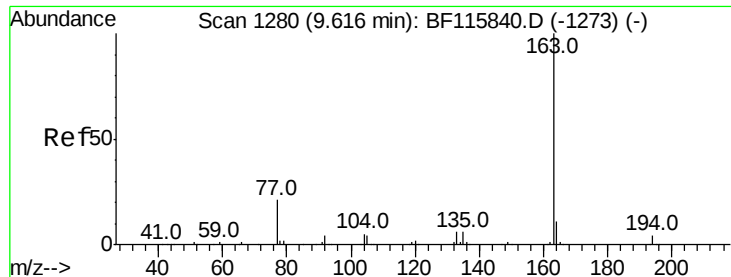
#45
 2-Fluorobiphenyl
 Concen: 67.323 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	25.0	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: 5.905 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

Instrument :

BNA_F

ClientSampleId :

SP-3

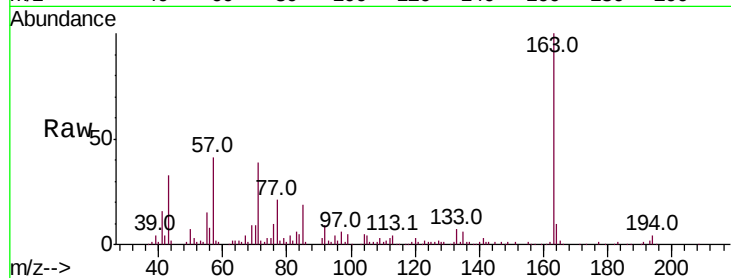
Tot Ion:163 Resp: 105706

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

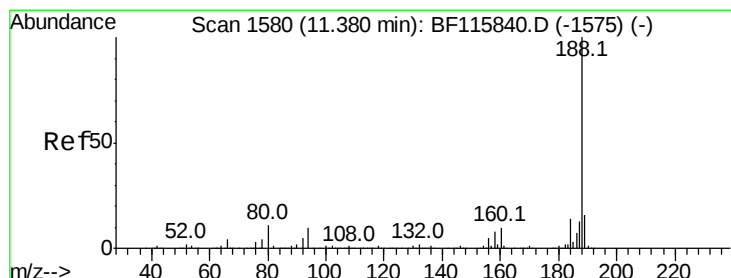
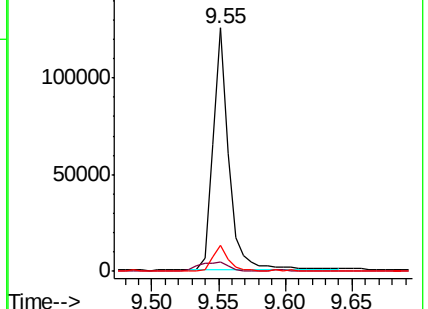
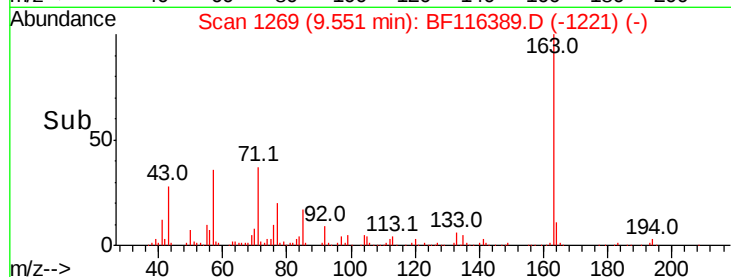
164 10.5 8.4 12.6



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: BF116389.D

Acq: 19 Aug 2019 14:57

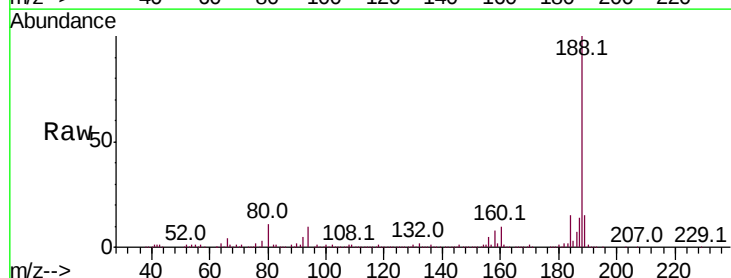
Tgt Ion:188 Resp: 388899

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

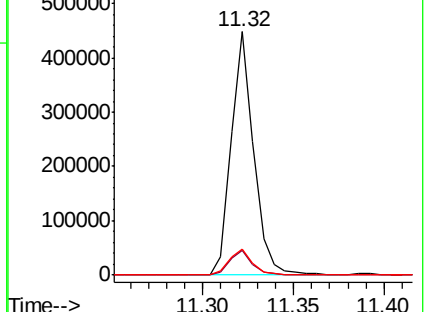
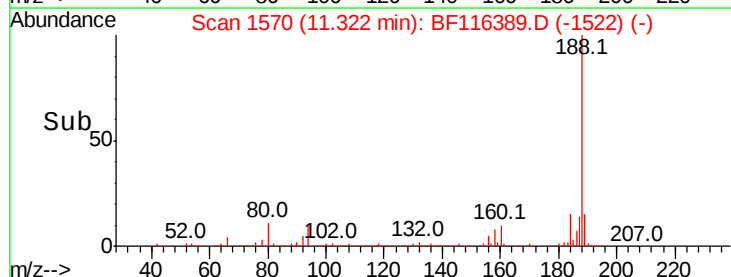
80 10.8 8.7 13.1

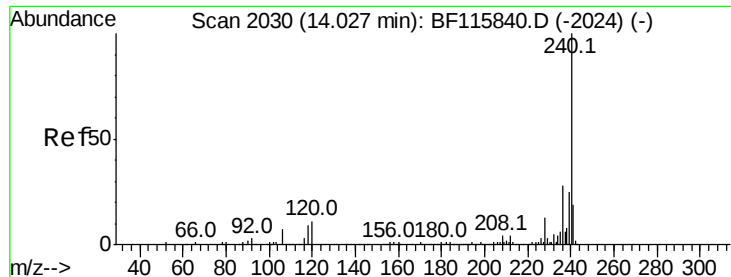


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF116389.D

Acq: 19 Aug 2019 14:57

Instrument :

BNA_F

ClientSampleId :

SP-3

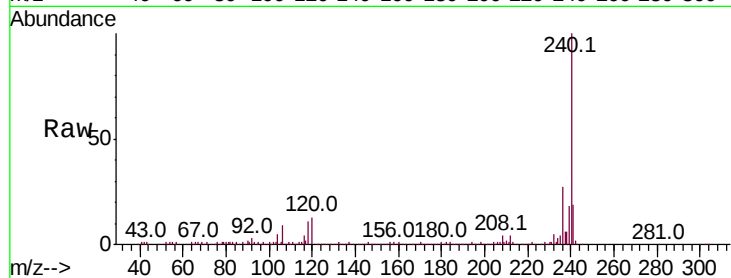
Tot Ion:240 Resp: 232846

Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

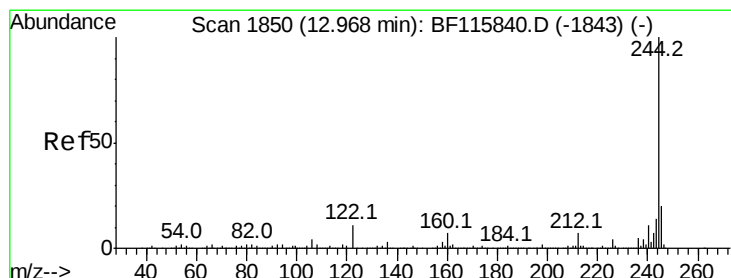
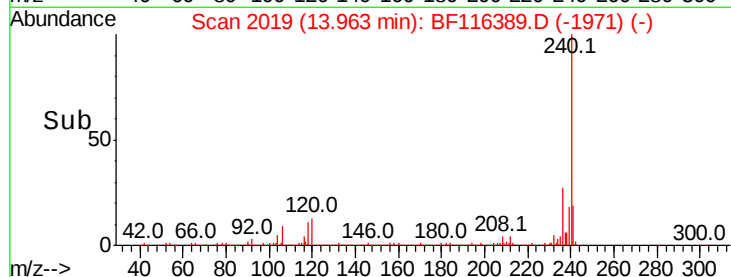
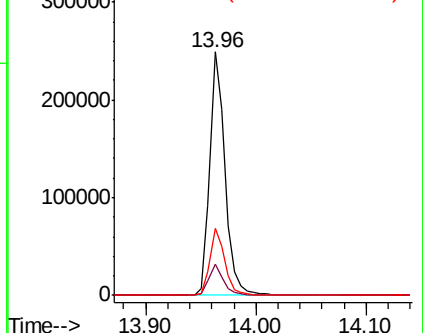
236 27.4 22.2 33.2



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: 63.874 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

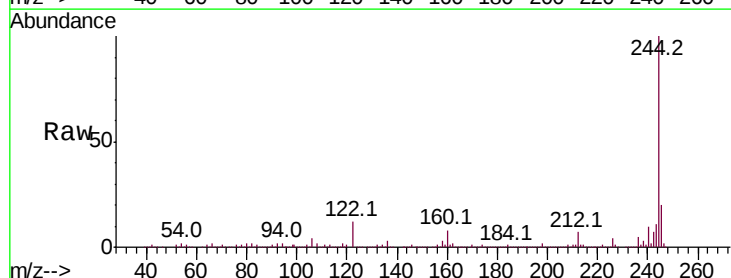
Tgt Ion:244 Resp: 705825

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

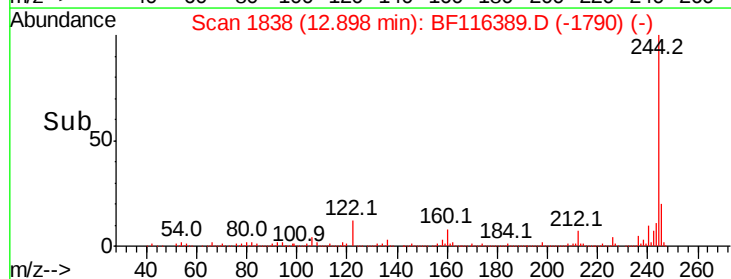
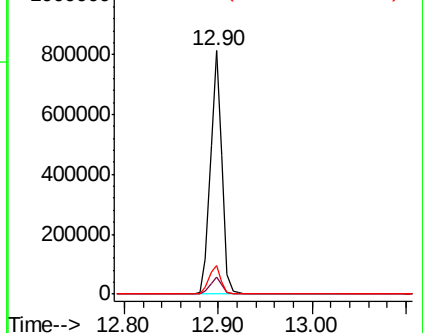
122 11.9 9.0 13.4

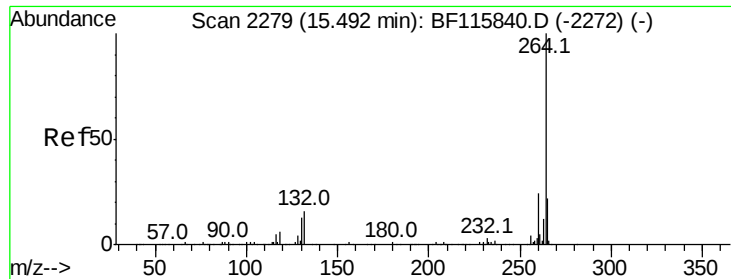


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF116389.D
Acq: 19 Aug 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.8	17.4	26.0

