

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117415.D
 Acq On : 16 Oct 2019 16:00
 Operator : JU
 Sample : PB123985TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123985TB

Quant Time: Oct 17 01:18:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

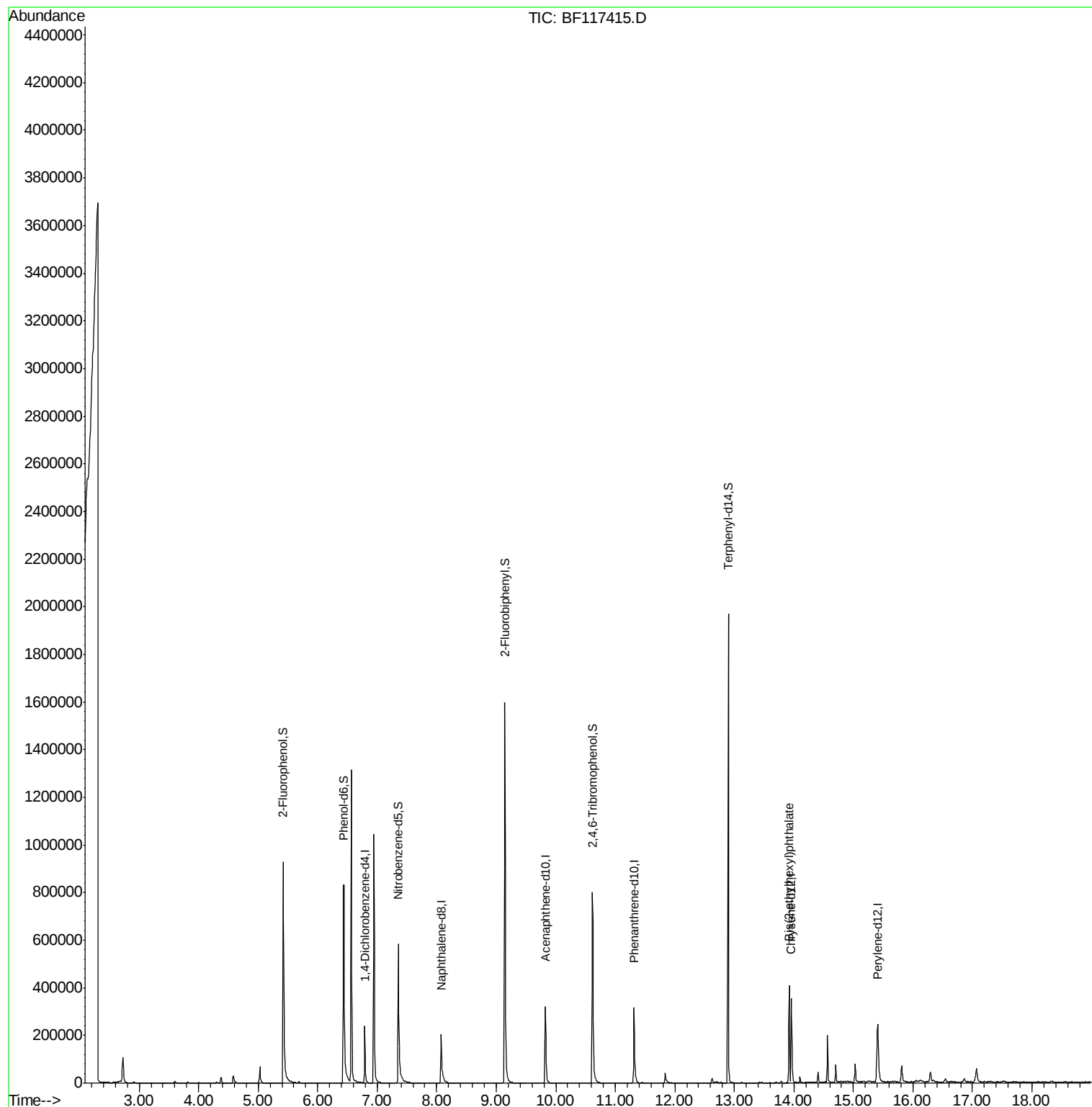
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43983	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	177422	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	91042	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	163232	20.00	ng	0.00
76) Chrysene-d12	13.96	240	142407	20.00	ng	0.00
87) Perylene-d12	15.41	264	138103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	334455	117.00	ng	0.00
7) Phenol-d6	6.44	99	431636	113.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	298100	85.17	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	110819	149.56	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	552530	88.48	ng	0.00
79) Terphenyl-d14	12.90	244	651923	74.63	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phthalate	13.92	149	109152	12.230	ng	97

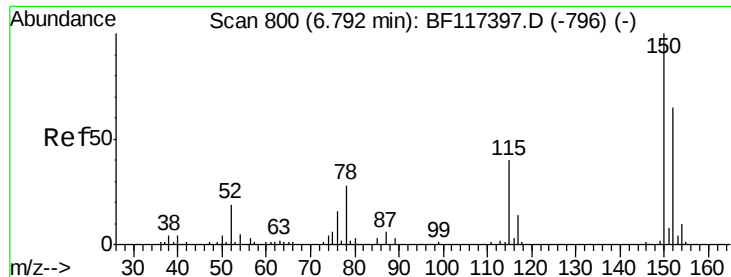
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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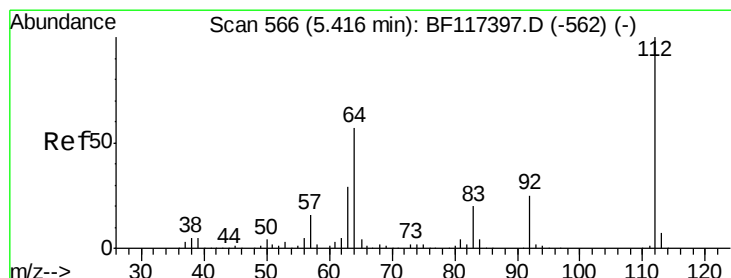
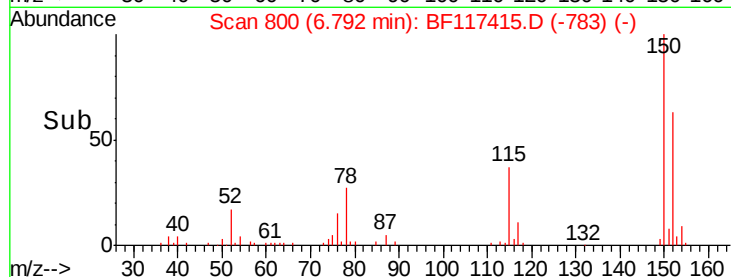
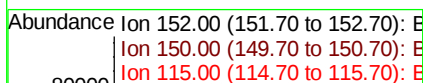
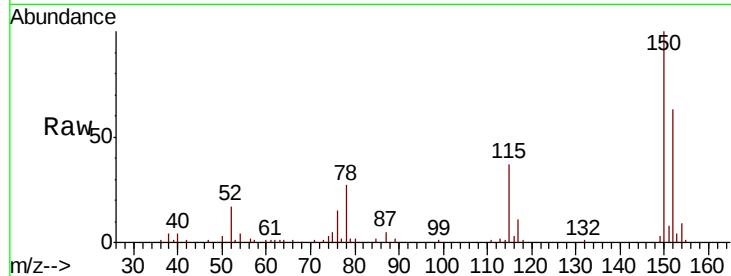


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

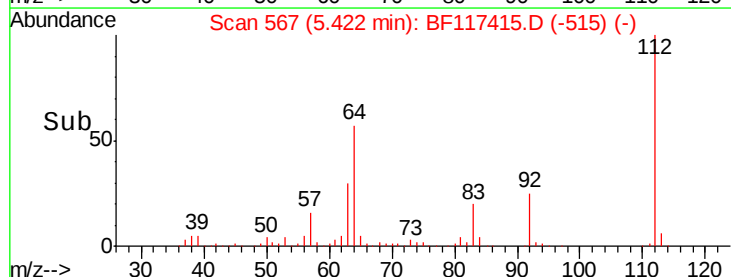
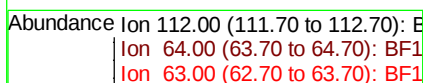
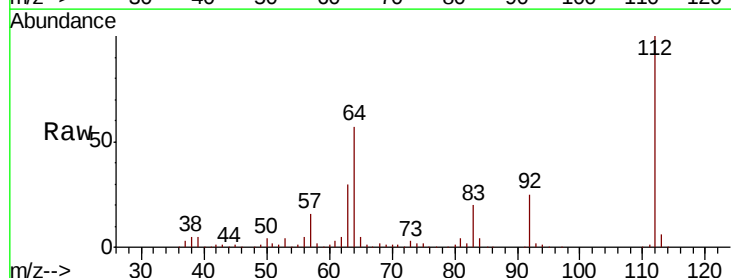
Tot Ion:152 Resp: 43983
Ion Ratio Lower Upper
152 100
150 159.0 122.7 184.1
115 59.5 48.6 73.0

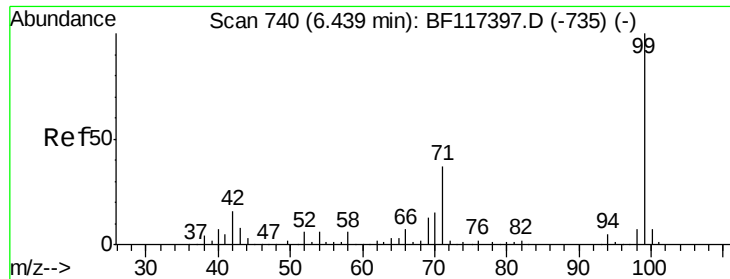


#5

2-Fluorophenol
Concen: 117.000 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Tgt Ion:112 Resp: 334455
Ion Ratio Lower Upper
112 100
64 57.5 45.2 67.8
63 30.5 23.4 35.2





#7

Phenol-d6

Concen: 113.804 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117415.D

Acq: 16 Oct 2019 16:00

Instrument :

BNA_F

ClientSampleId :

PB123985TB

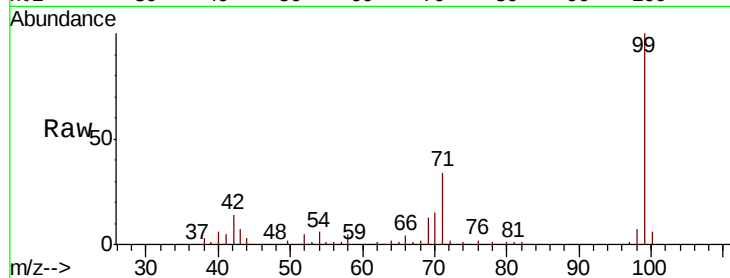
Tot Ion: 99 Resp: 431636

Ion Ratio Lower Upper

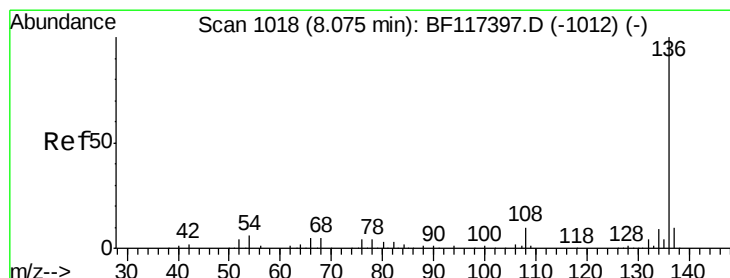
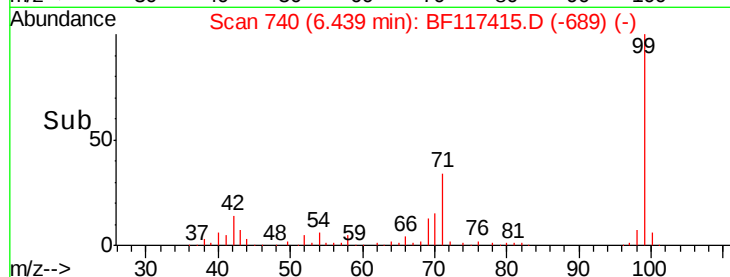
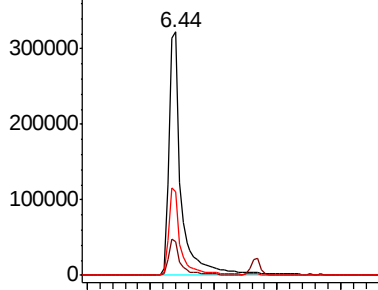
99 100

42 13.8 12.5 18.7

71 34.4 29.2 43.8



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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117415.D

Acq: 16 Oct 2019 16:00

Tgt Ion: 136 Resp: 177422

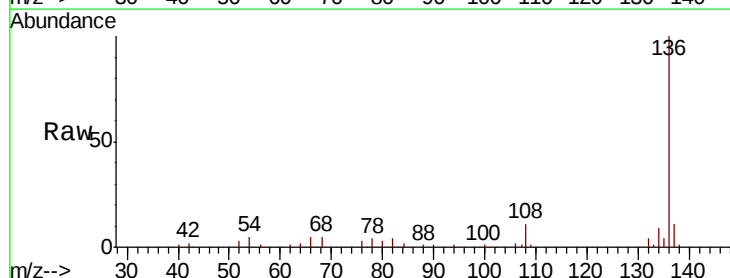
Ion Ratio Lower Upper

136 100

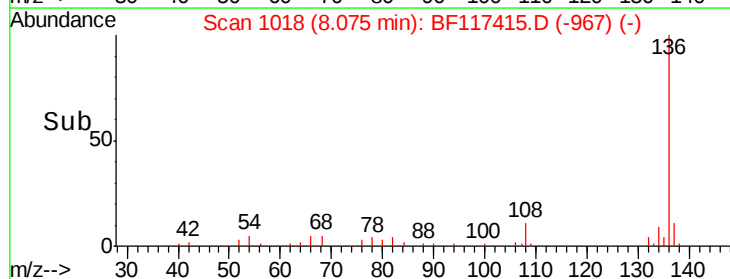
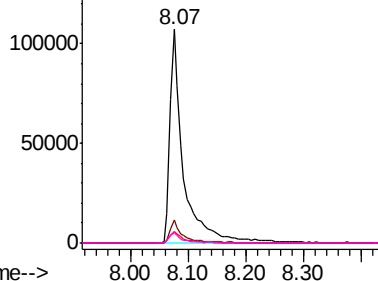
137 10.6 8.4 12.6

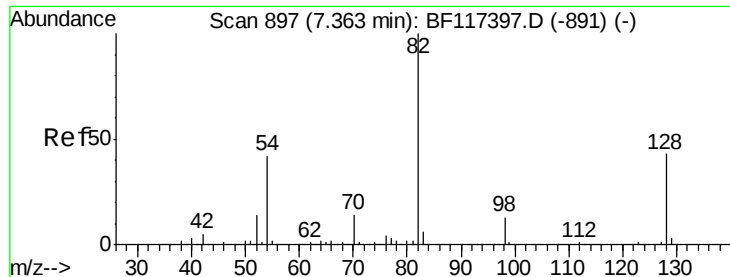
54 5.3 4.6 6.8

68 4.6 3.8 5.8



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

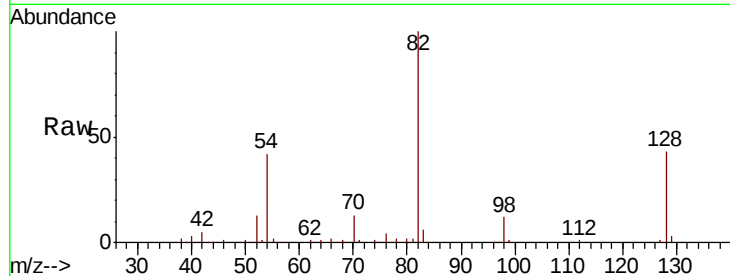




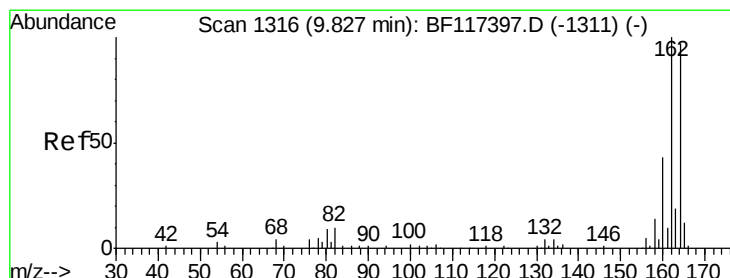
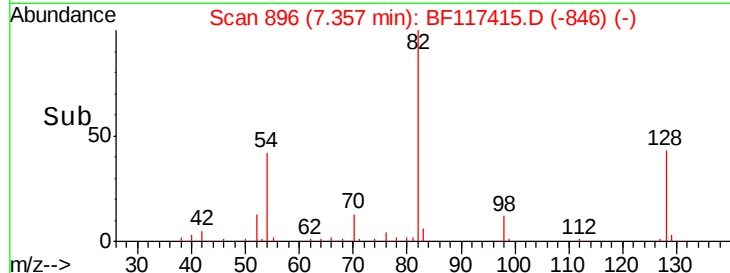
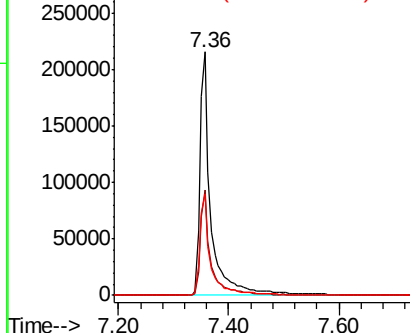
#23
 Nitrobenzene-d5
 Concen: 85.169 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117415.D
 Acq: 16 Oct 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB123985TB

Tot Ion	82	Resp	298100
Ion Ratio	100	Lower	Upper
128	43.4	34.1	51.1
54	41.8	33.3	49.9

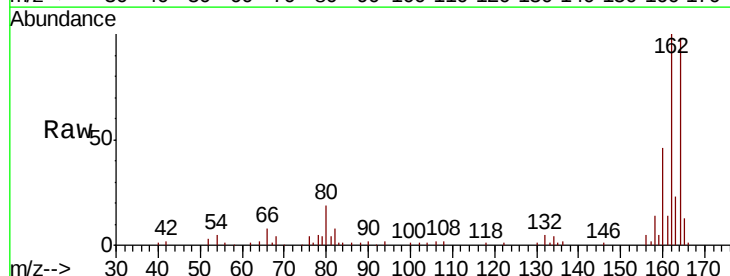


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

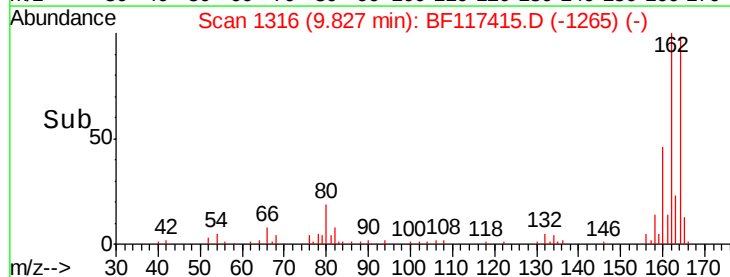
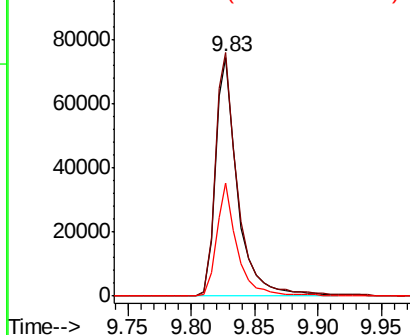


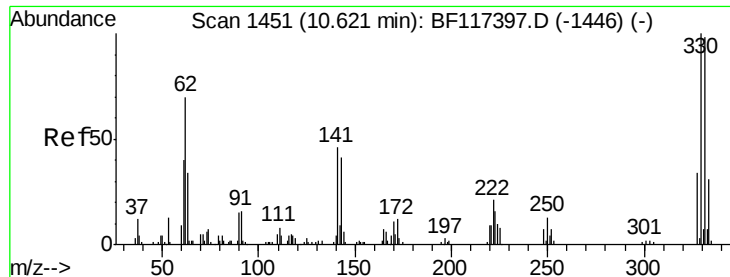
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF117415.D
 Acq: 16 Oct 2019 16:00

Tgt Ion	164	Resp	91042
Ion Ratio	100	Lower	Upper
162	101.9	82.4	123.6
160	47.1	35.4	53.0



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

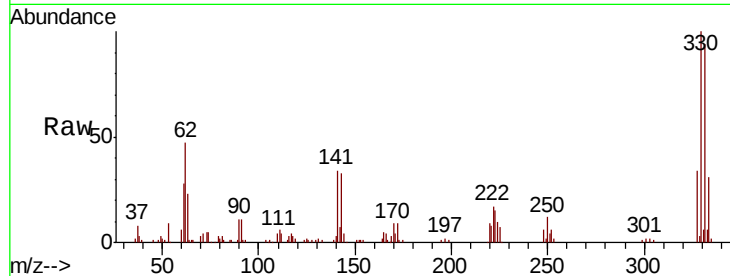




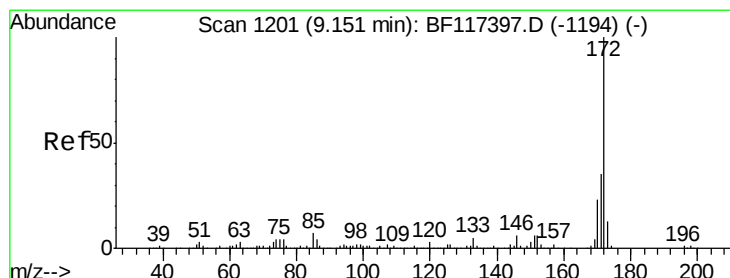
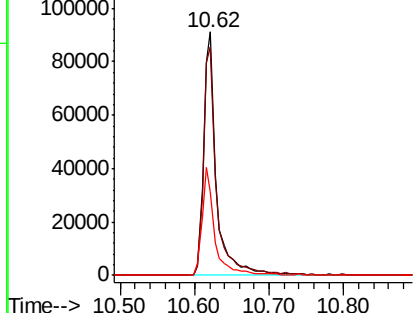
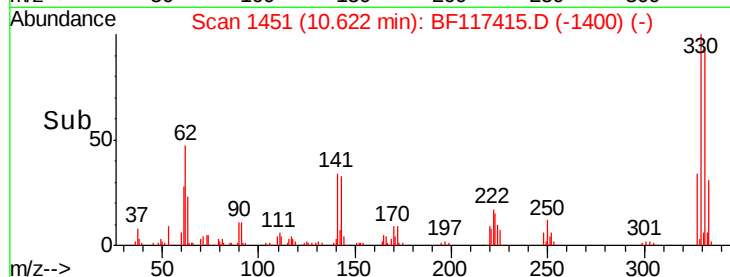
#42
 2,4,6-Tribromophenol
 Concen: 149.561 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF117415.D
 Acq: 16 Oct 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PB123985TB

Tot Ion:330 Resp: 110819
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.0 112.6
 141 44.0 34.2 51.4

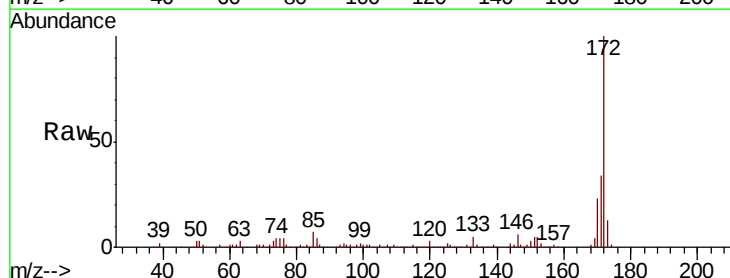


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

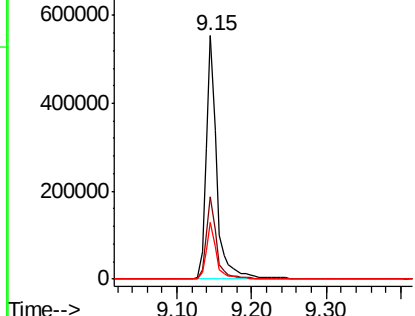
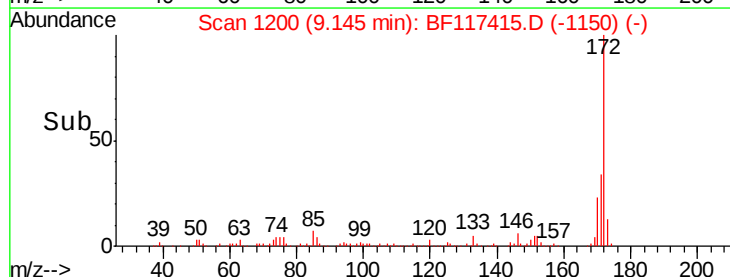


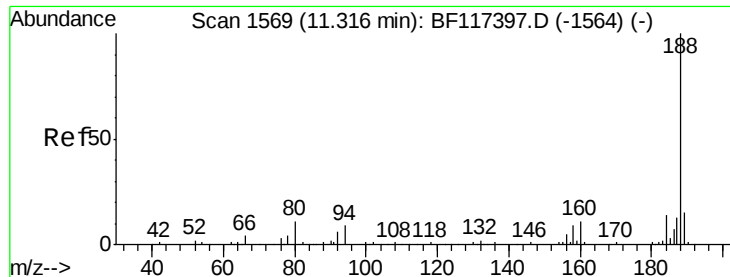
#45
 2-Fluorobiphenyl
 Concen: 88.478 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117415.D
 Acq: 16 Oct 2019 16:00

Tgt Ion:172 Resp: 552530
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.2 42.2
 170 23.1 18.2 27.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117415.D

Acq: 16 Oct 2019 16:00

Instrument :

BNA_F

ClientSampleId :

PB123985TB

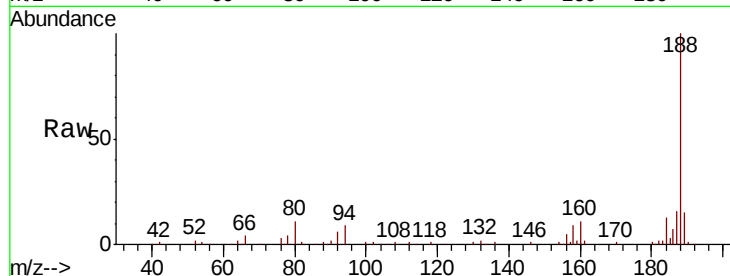
Tot Ion:188 Resp: 163232

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

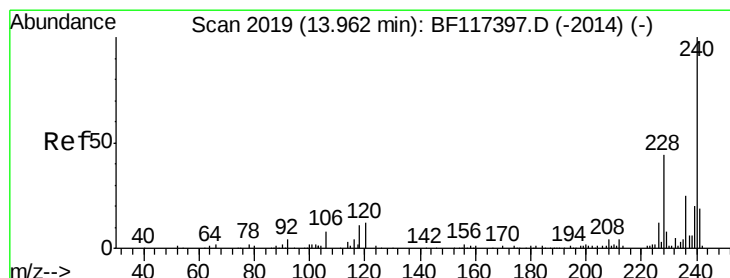
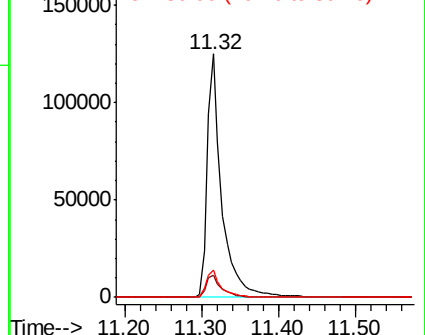
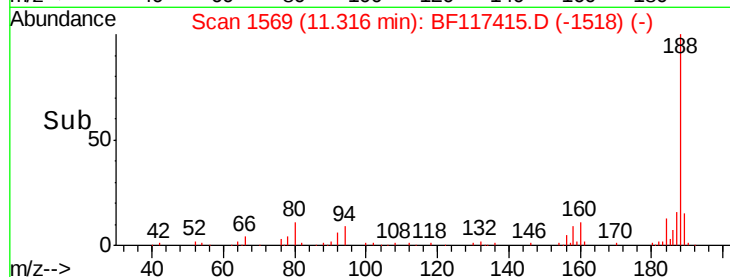
80 11.2 8.7 13.1



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# 2018

Delta R.T. -0.01 min

Lab File: BF117415.D

Acq: 16 Oct 2019 16:00

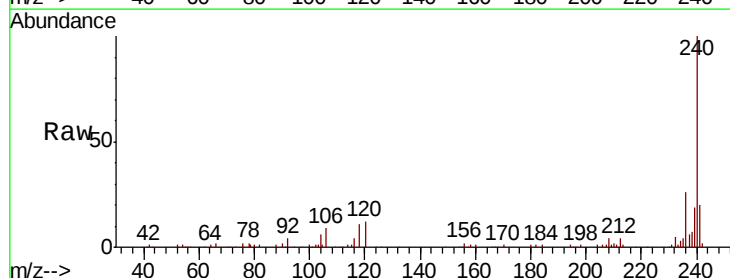
Tgt Ion:240 Resp: 142407

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.0

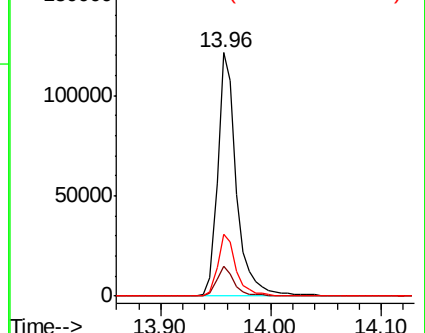
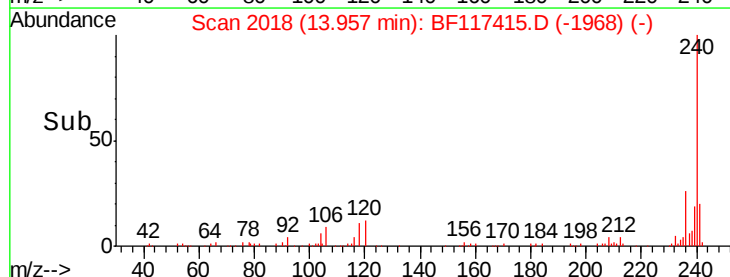
236 25.5 19.8 29.6

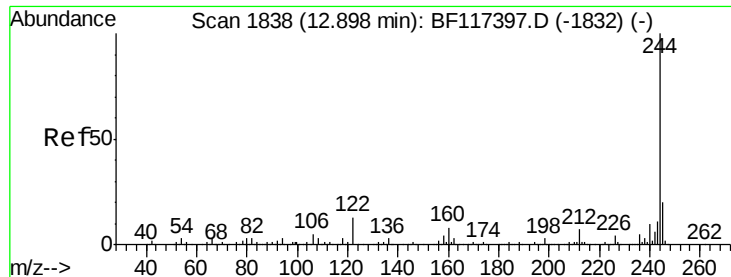


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.627 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117415.D

Acq: 16 Oct 2019 16:00

Instrument :

BNA_F

ClientSampleId :

PB123985TB

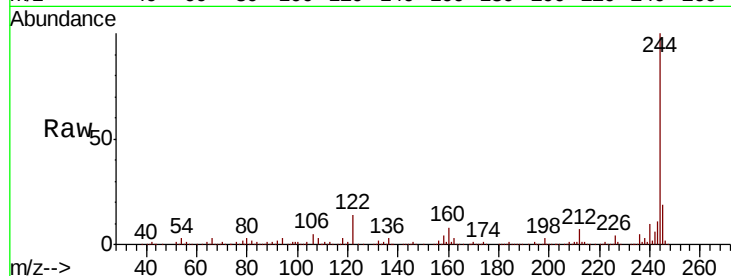
Tot Ion:244 Resp: 651923

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

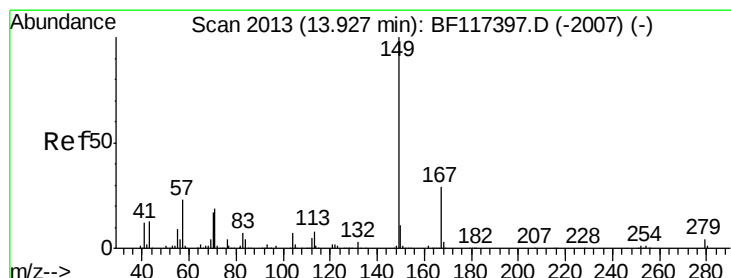
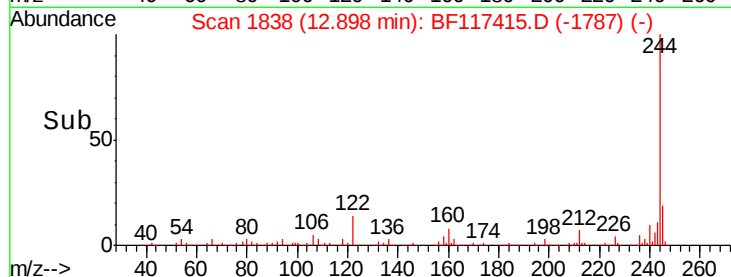
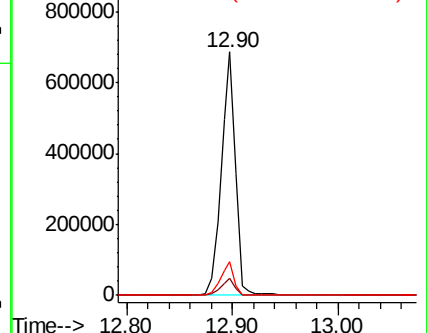
122 13.7 10.7 16.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.230 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF117415.D

Acq: 16 Oct 2019 16:00

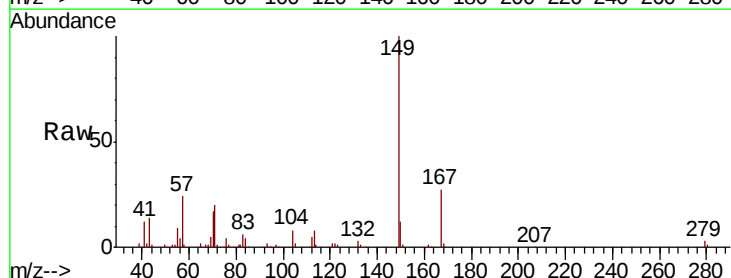
Tgt Ion:149 Resp: 109152

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.6

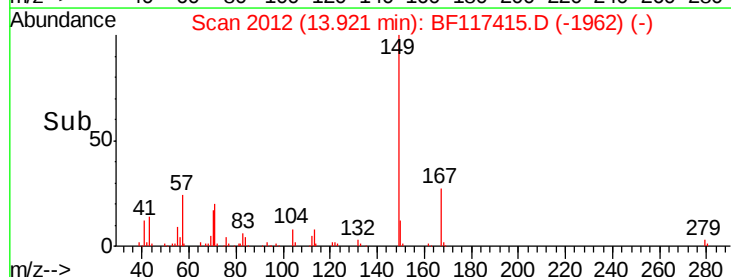
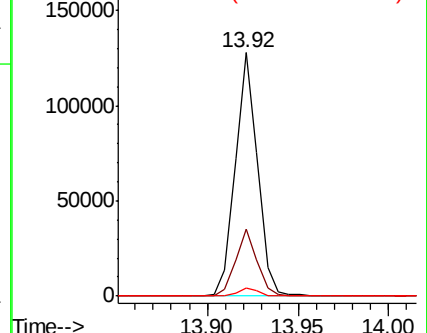
279 3.3 3.0 4.6

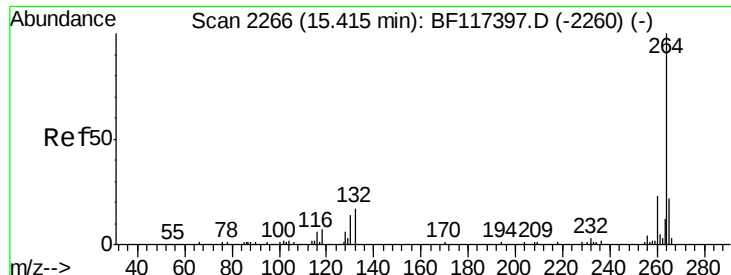


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117415.D
Acq: 16 Oct 2019 16:00

Instrument :
BNA_F
ClientSampleId :
PB123985TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	20.9	17.4	26.0

