

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117405.D
 Acq On : 14 Oct 2019 18:19
 Operator : JU
 Sample : PB123882TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123882TB

Quant Time: Oct 15 02:20:10 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	56634	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	225504	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	122324	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	215646	20.00	ng	0.00
76) Chrysene-d12	13.96	240	156374	20.00	ng	0.00
87) Perylene-d12	15.41	264	137880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	496161	134.80	ng	0.02
7) Phenol-d6	6.45	99	646113	132.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	417635	93.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	161734	162.46	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	764578	91.12	ng	0.00
79) Terphenyl-d14	12.90	244	845510	88.14	ng	0.00

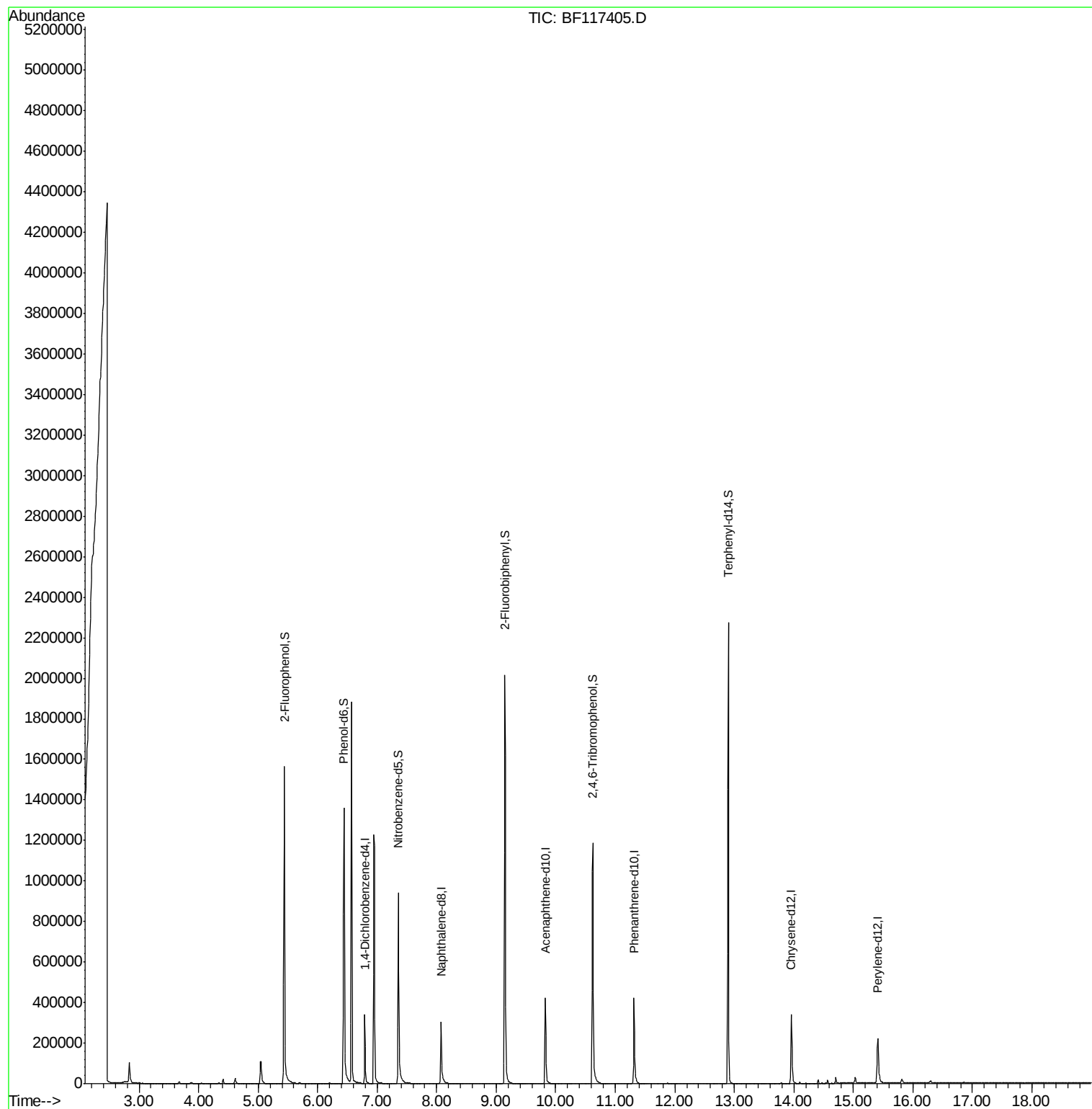
Target Compounds Qvalue

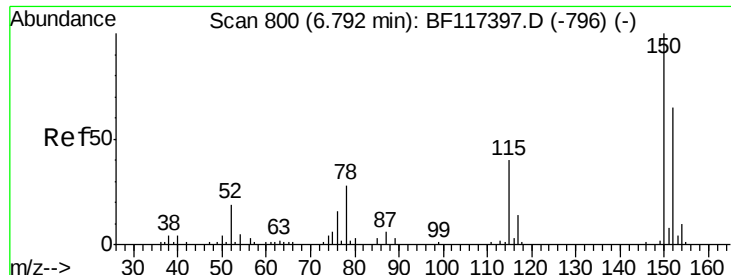
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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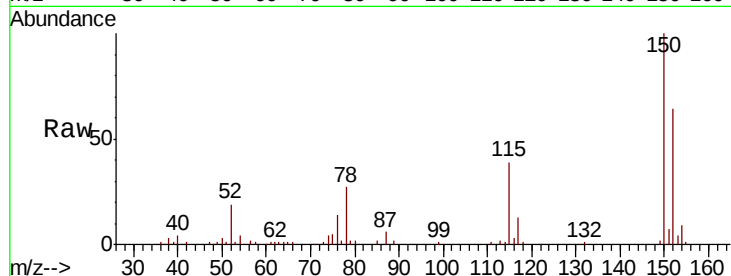


#1

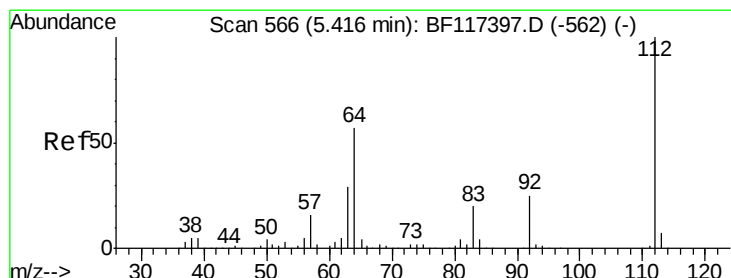
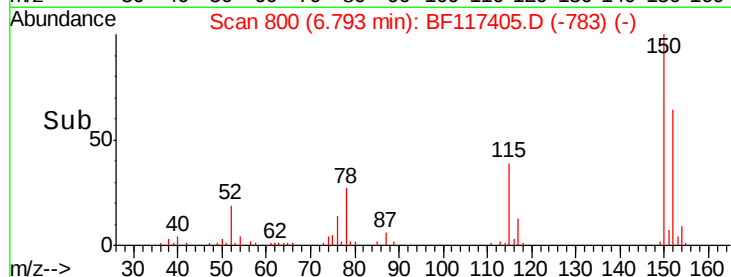
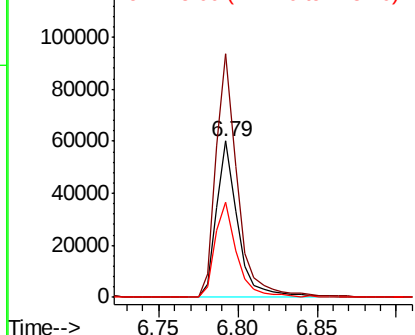
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117405.D
 Acq: 14 Oct 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB123882TB

Tot Ion:152 Resp: 56634
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.7 184.1
 115 60.7 48.6 73.0



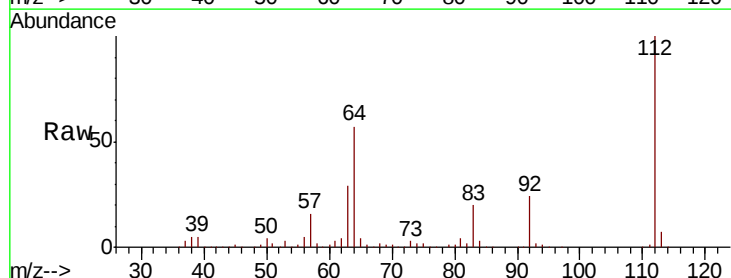
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



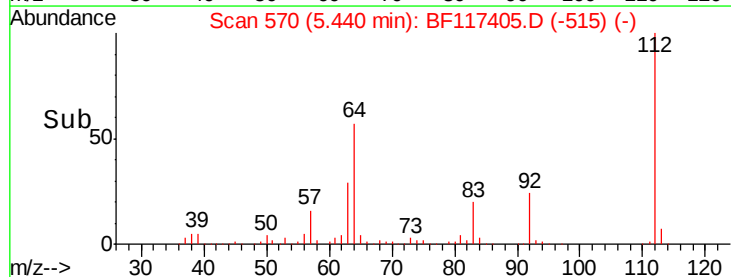
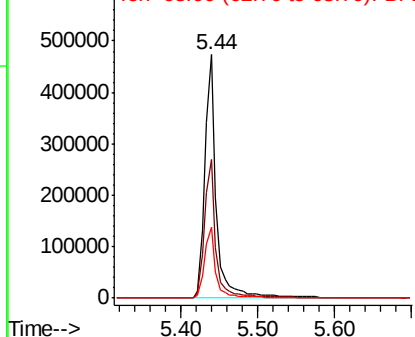
#5

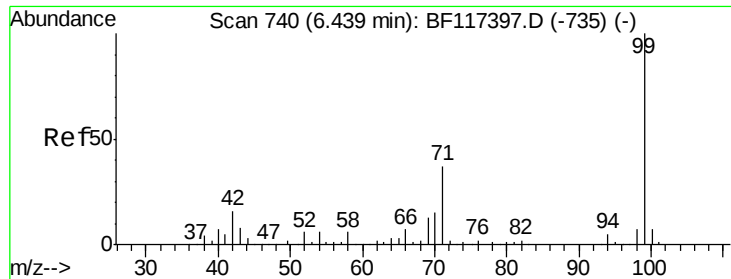
2-Fluorophenol
 Concen: 134.797 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF117405.D
 Acq: 14 Oct 2019 18:19

Tgt Ion:112 Resp: 496161
 Ion Ratio Lower Upper
 112 100
 64 56.9 45.2 67.8
 63 29.2 23.4 35.2



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: 132.299 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117405.D

Acq: 14 Oct 2019 18:19

Instrument :

BNA_F

ClientSampleId :

PB123882TB

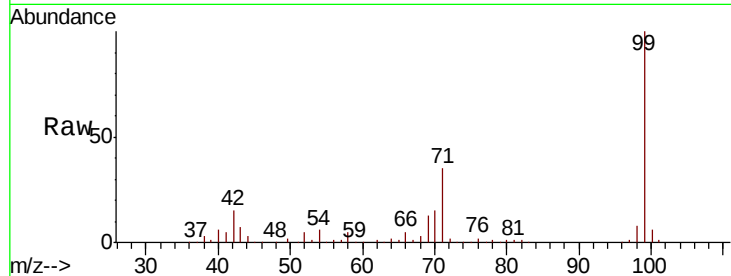
Tot Ion: 99 Resp: 646113

Ion Ratio Lower Upper

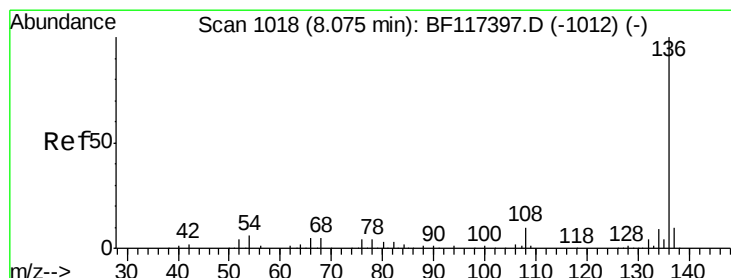
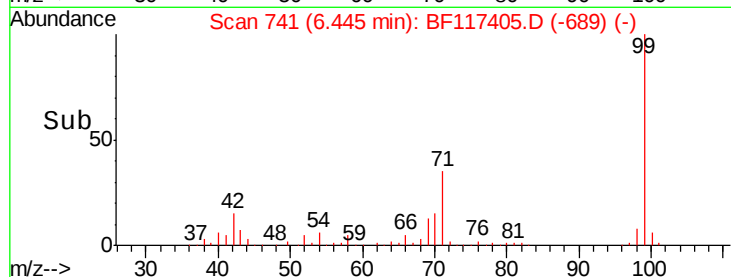
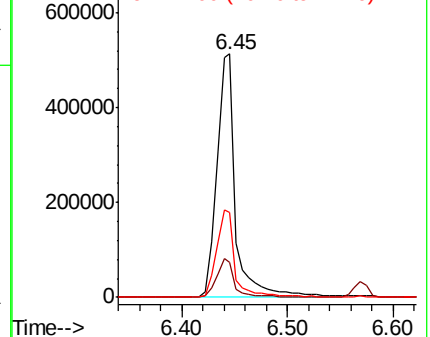
99 100

42 14.6 12.5 18.7

71 34.6 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: BF117405.D

Acq: 14 Oct 2019 18:19

Tgt Ion: 136 Resp: 225504

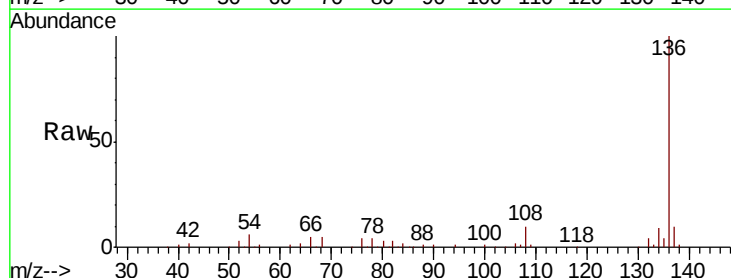
Ion Ratio Lower Upper

136 100

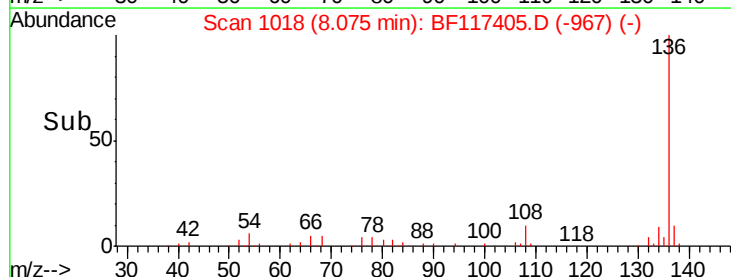
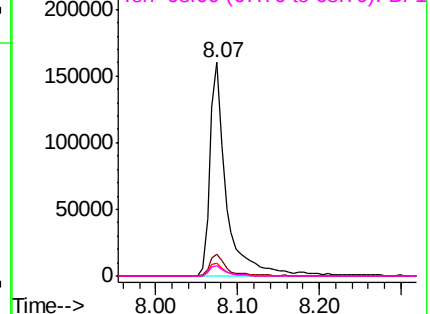
137 10.5 8.4 12.6

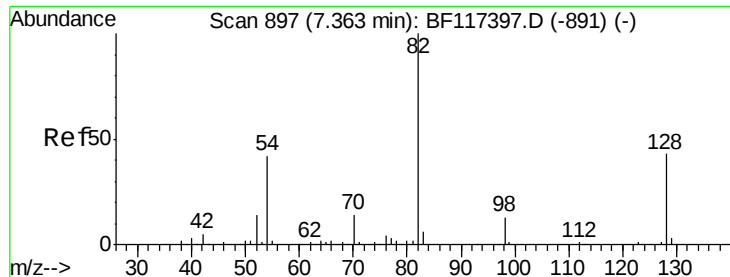
54 5.8 4.6 6.8

68 4.7 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

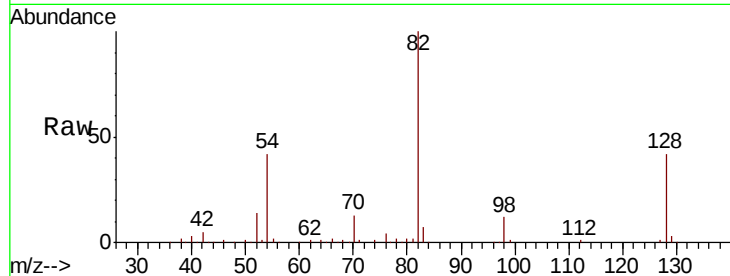




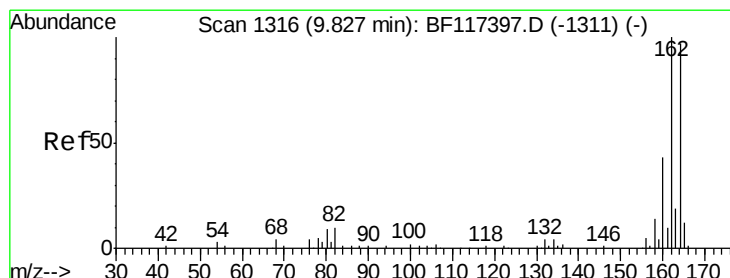
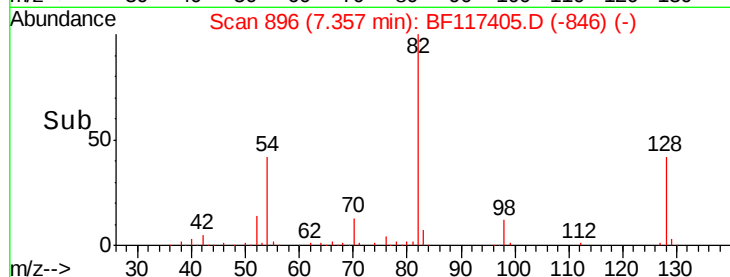
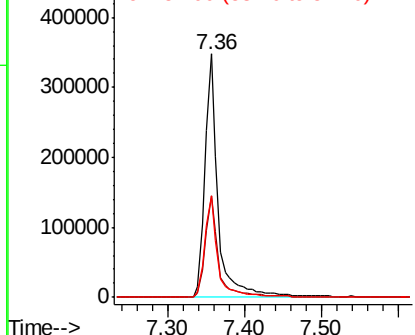
#23
Nitrobenzene-d5
Concen: 93.879 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117405.D
Acq: 14 Oct 2019 18:19

Instrument :
BNA_F
ClientSampleId :
PB123882TB

Tot Ion: 82 Resp: 417635
Ion Ratio Lower Upper
82 100
128 41.9 34.1 51.1
54 41.7 33.3 49.9

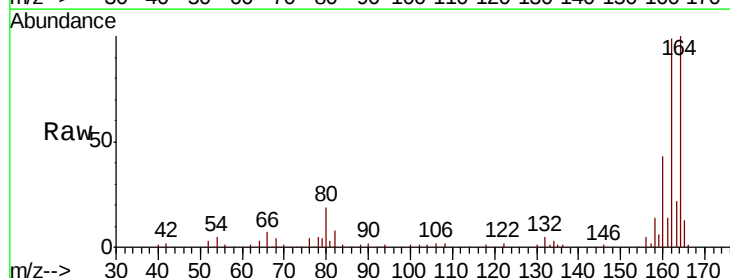


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

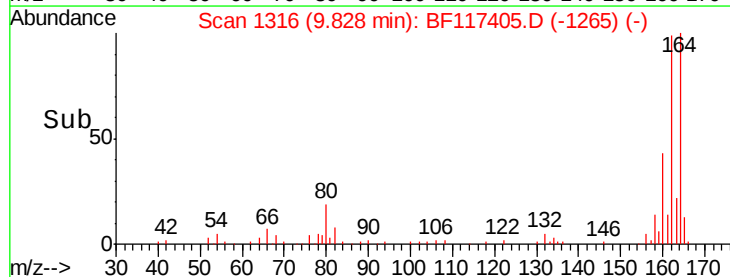
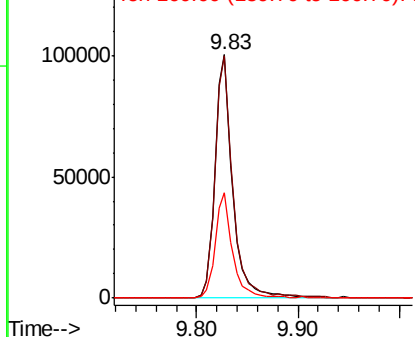


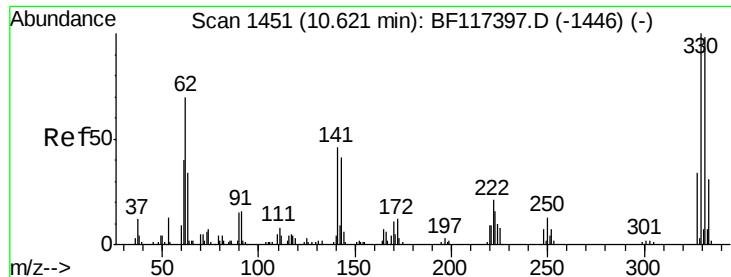
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117405.D
Acq: 14 Oct 2019 18:19

Tgt Ion:164 Resp: 122324
Ion Ratio Lower Upper
164 100
162 99.5 82.4 123.6
160 43.2 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

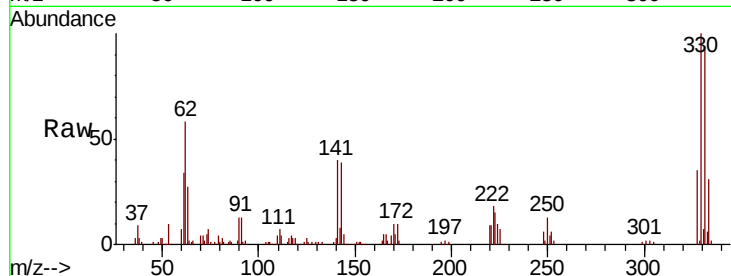




#42
 2,4,6-Tribromophenol
 Concen: 162.456 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF117405.D
 Acq: 14 Oct 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB123882TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.0	112.6
141	43.2	34.2	51.4

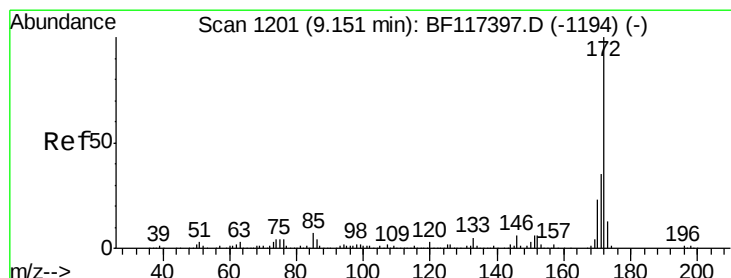
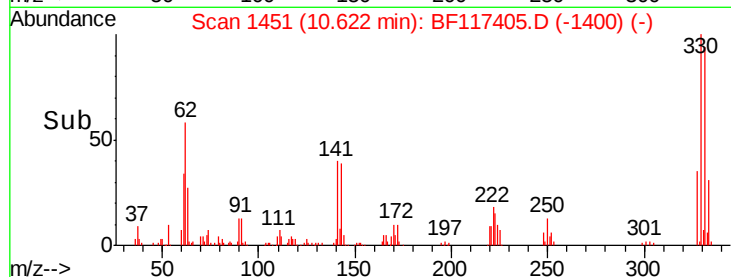
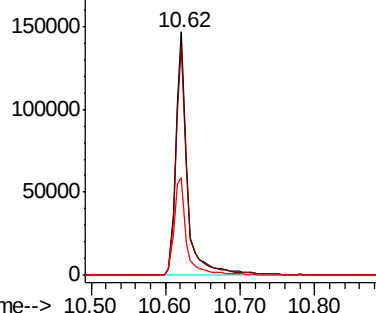


Abundance

Ion 329.80 (329.50 to 330.50): E

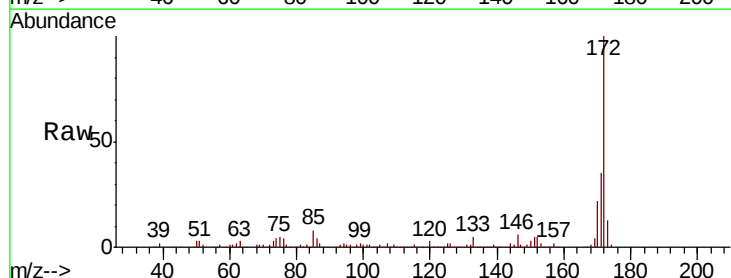
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.124 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117405.D
 Acq: 14 Oct 2019 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.4	18.2	27.2

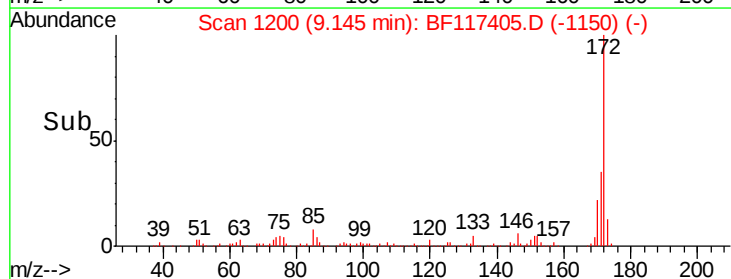
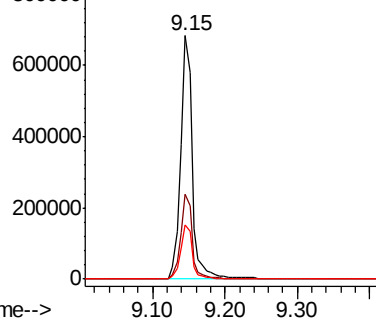


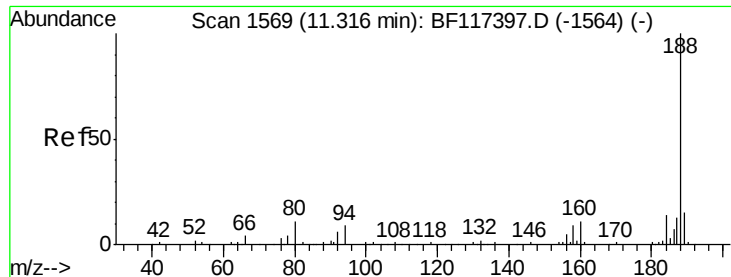
Abundance

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: BF117405.D

Acq: 14 Oct 2019 18:19

Instrument :

BNA_F

ClientSampleId :

PB123882TB

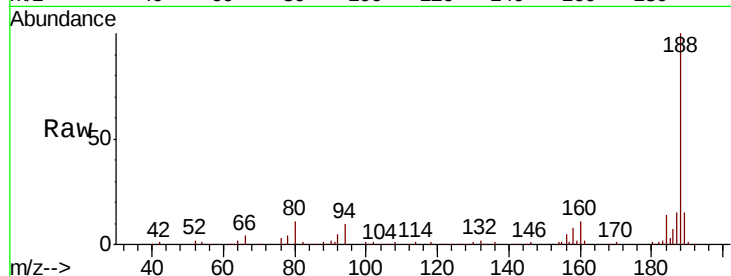
Tot Ion:188 Resp: 215646

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

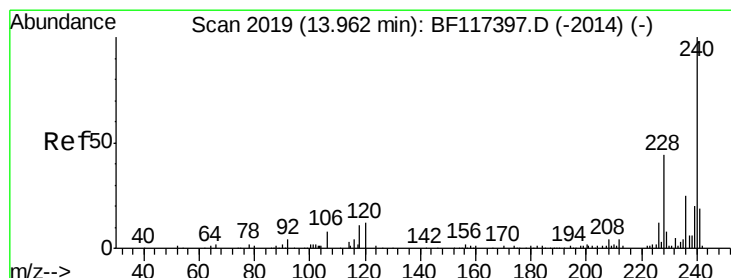
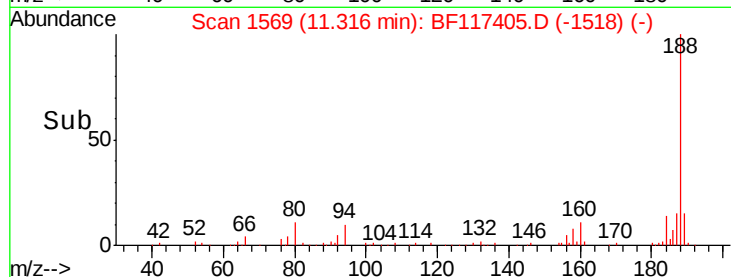
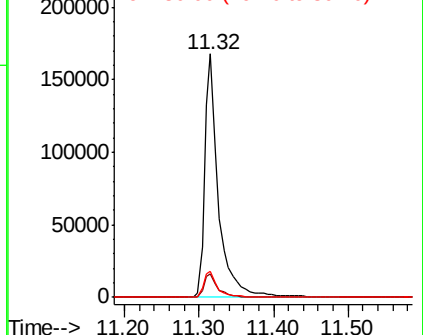
80 10.8 8.7 13.1



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# 2018

Delta R.T. -0.01 min

Lab File: BF117405.D

Acq: 14 Oct 2019 18:19

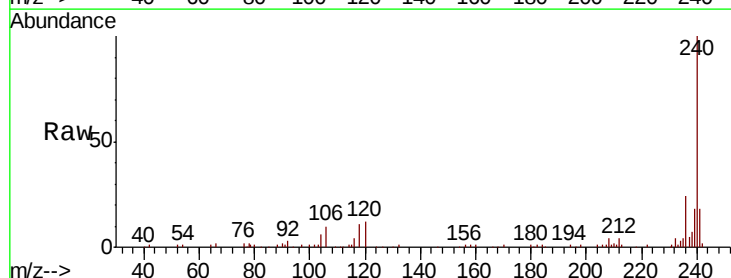
Tgt Ion:240 Resp: 156374

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.0

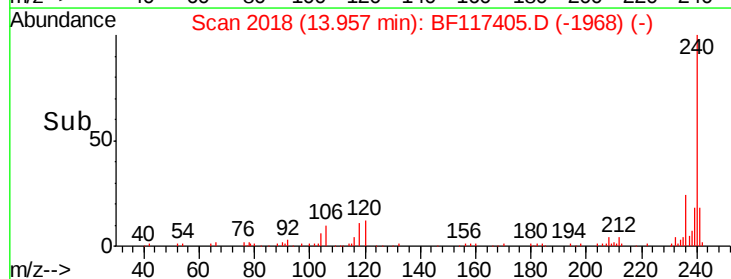
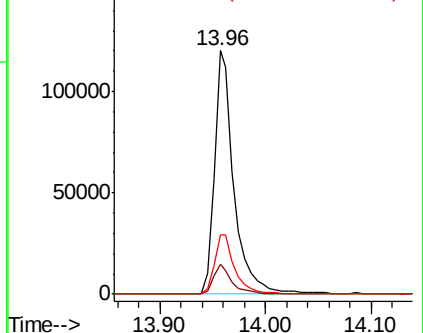
236 24.4 19.8 29.6

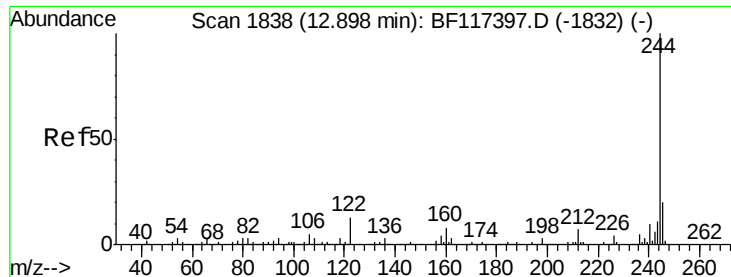


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.142 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117405.D

Acq: 14 Oct 2019 18:19

Instrument :

BNA_F

ClientSampleID :

PB123882TB

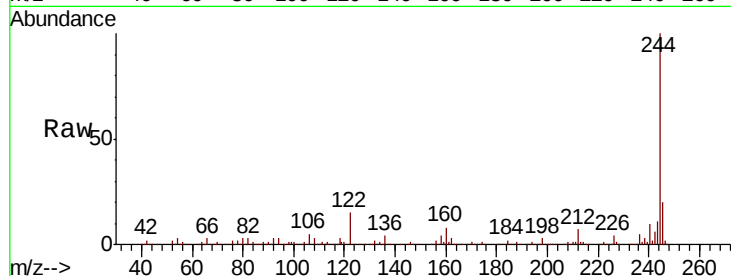
Tot Ion:244 Resp: 845510

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

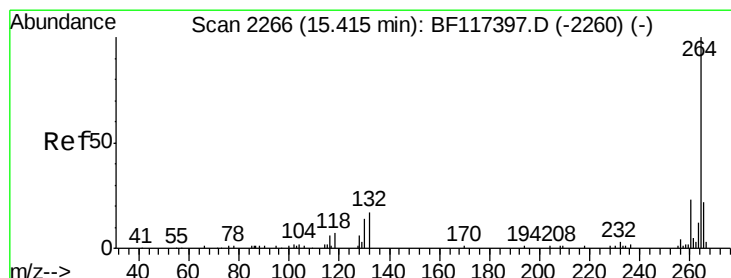
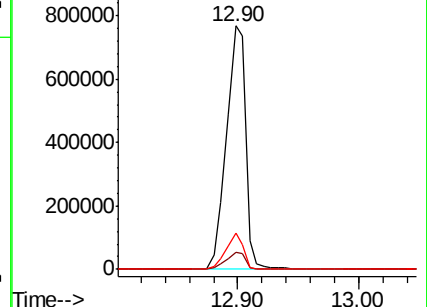
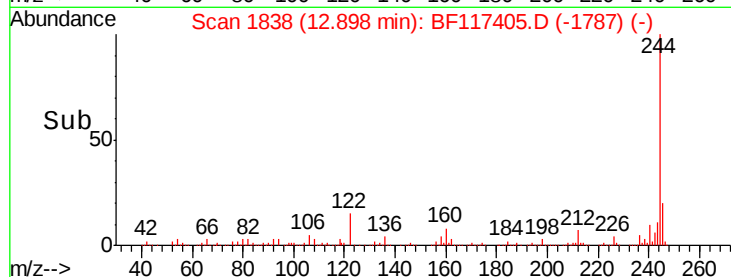
122 15.0 10.7 16.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117405.D

Acq: 14 Oct 2019 18:19

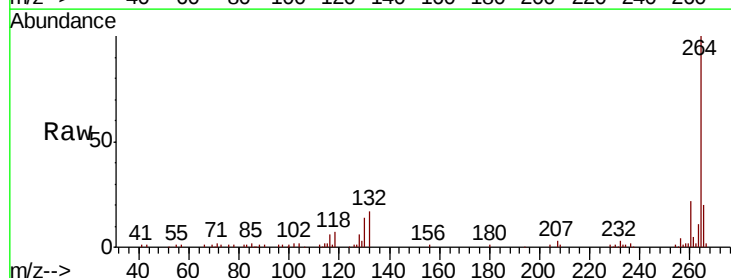
Tgt Ion:264 Resp: 137880

Ion Ratio Lower Upper

264 100

260 22.2 18.6 27.8

265 20.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

