

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117406.D
 Acq On : 14 Oct 2019 18:54
 Operator : JU
 Sample : K5323-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 15 02:29:29 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	40597	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	161695	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	83237	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	138698	20.00	ng	0.00
76) Chrysene-d12	13.96	240	116701	20.00	ng	0.00
87) Perylene-d12	15.41	264	119869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	343073	130.02	ng	0.00
7) Phenol-d6	6.44	99	440987	125.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	291869	91.50	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	104939	154.91	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	536794	94.02	ng	0.00
79) Terphenyl-d14	12.90	244	580621	81.11	ng	0.00

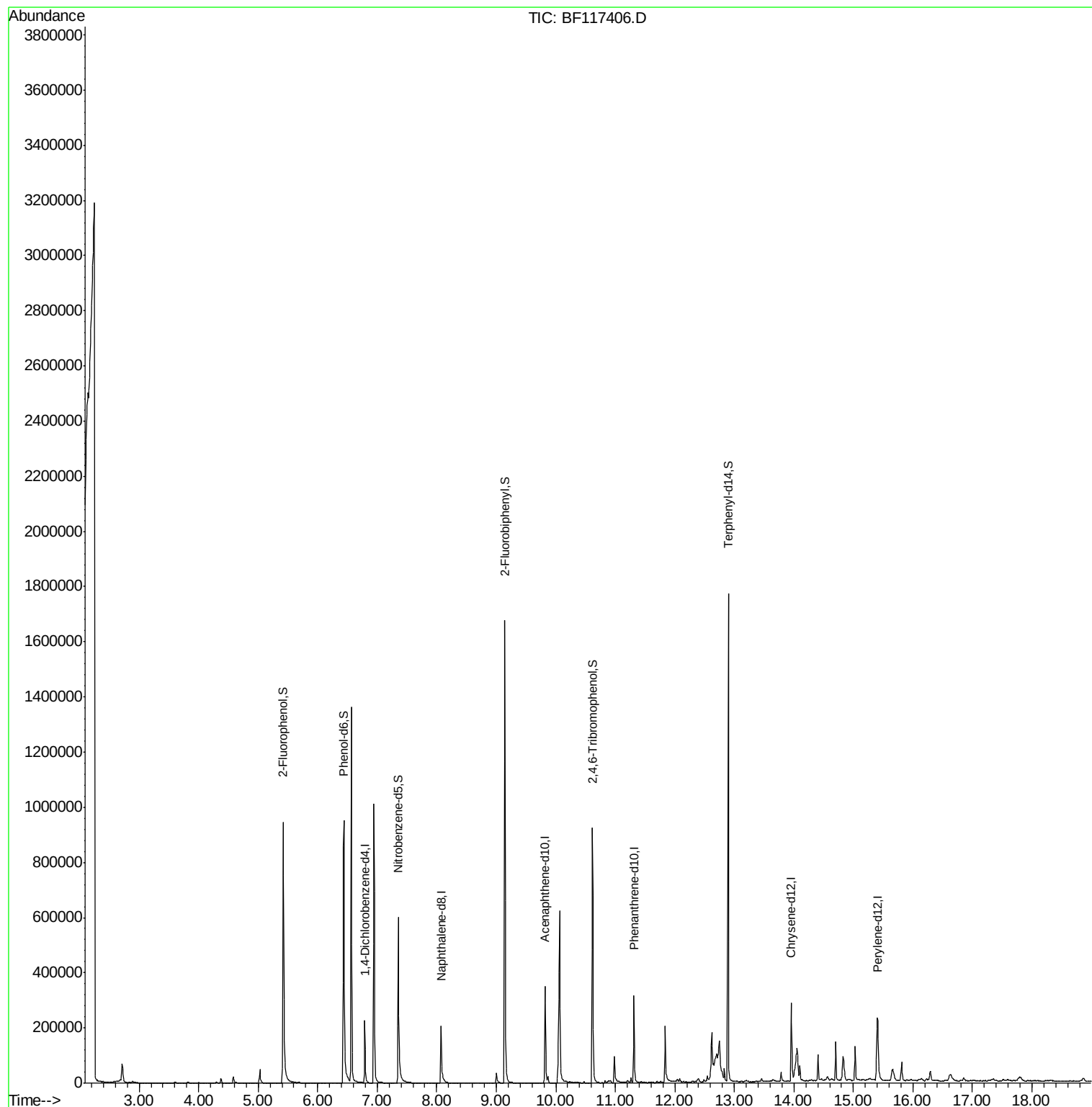
Target Compounds Qvalue

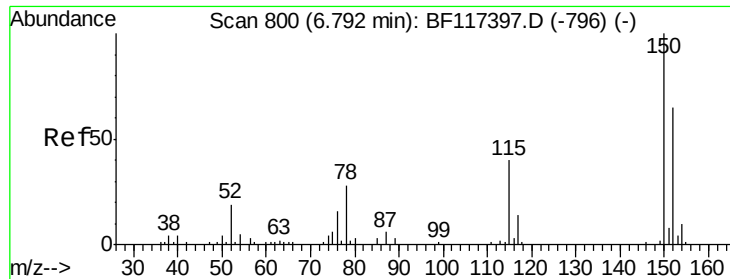
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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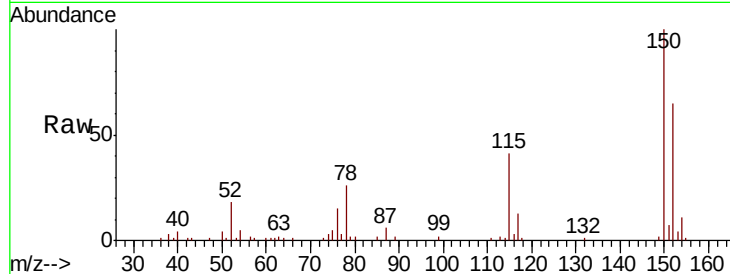


#1

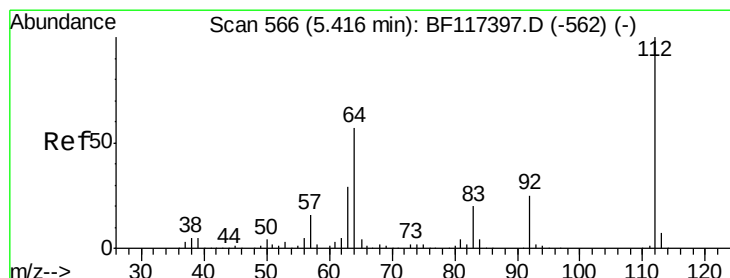
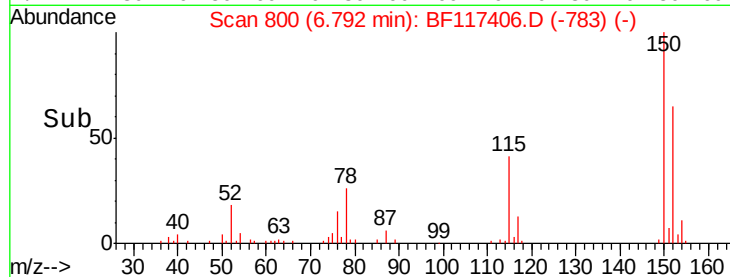
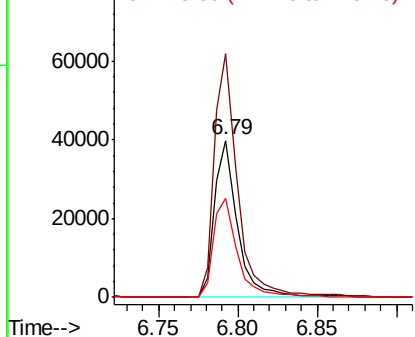
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117406.D
Acq: 14 Oct 2019 18:54

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:152 Resp: 40597
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 63.1 48.6 73.0



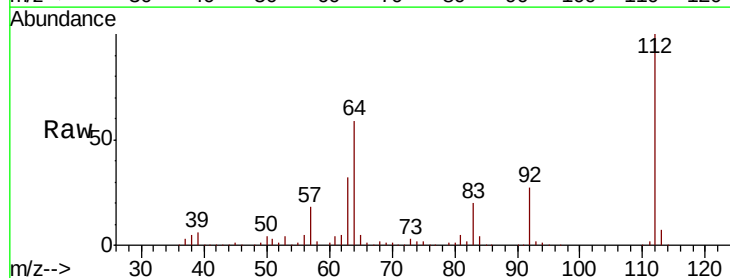
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



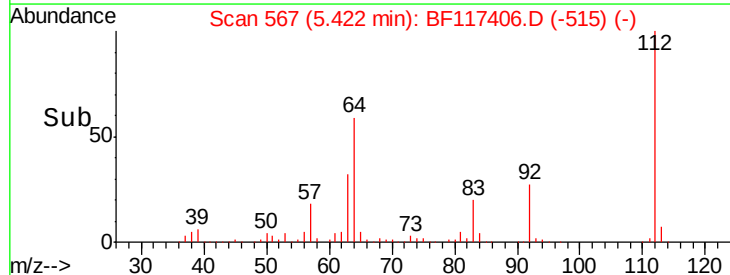
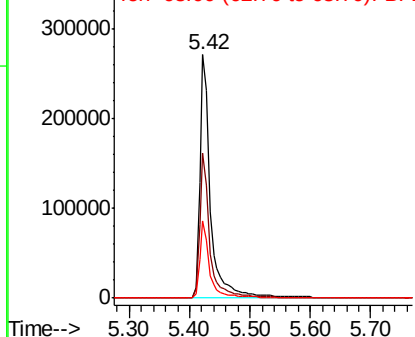
#5

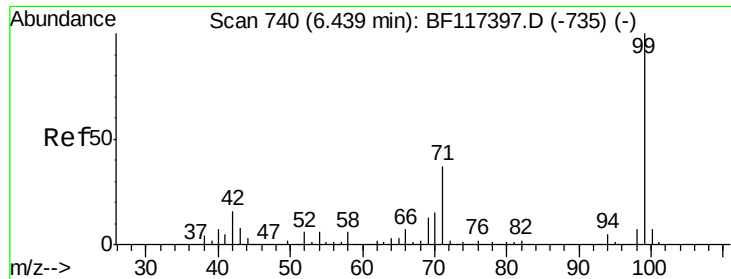
2-Fluorophenol
Concen: 130.025 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117406.D
Acq: 14 Oct 2019 18:54

Tgt Ion:112 Resp: 343073
Ion Ratio Lower Upper
112 100
64 59.3 45.2 67.8
63 31.9 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: 125.967 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117406.D

Acq: 14 Oct 2019 18:54

Instrument :

BNA_F

ClientSampled :

TP-3

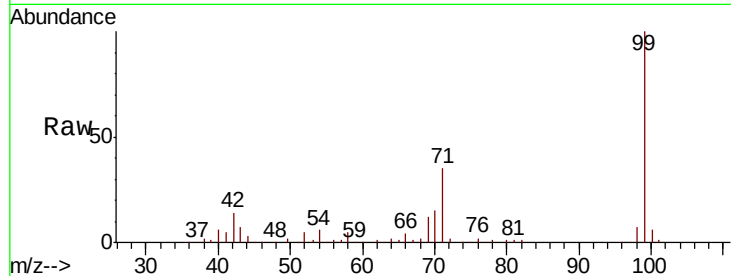
Tot Ion: 99 Resp: 440987

Ion Ratio Lower Upper

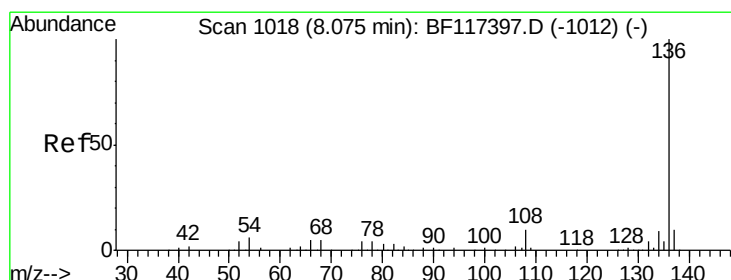
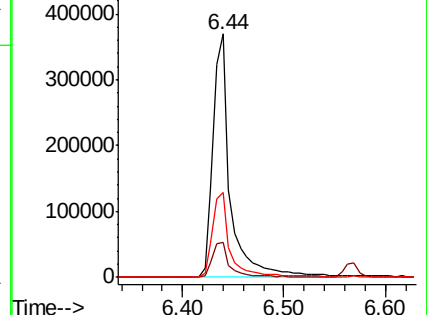
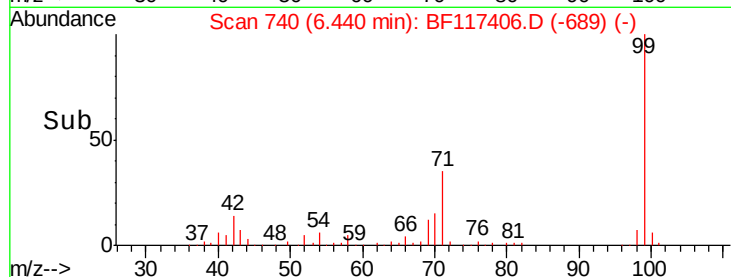
99 100

42 14.1 12.5 18.7

71 34.9 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: BF117406.D

Acq: 14 Oct 2019 18:54

Tgt Ion: 136 Resp: 161695

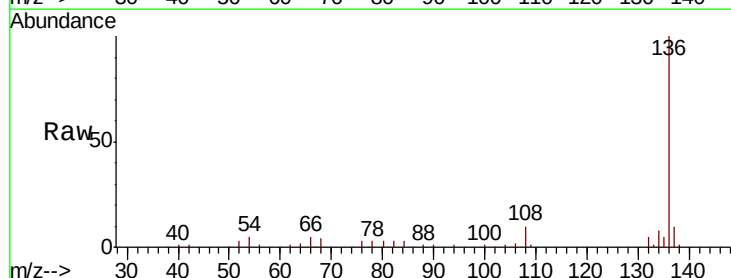
Ion Ratio Lower Upper

136 100

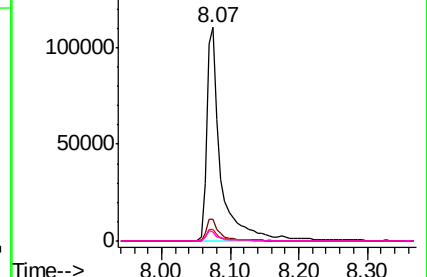
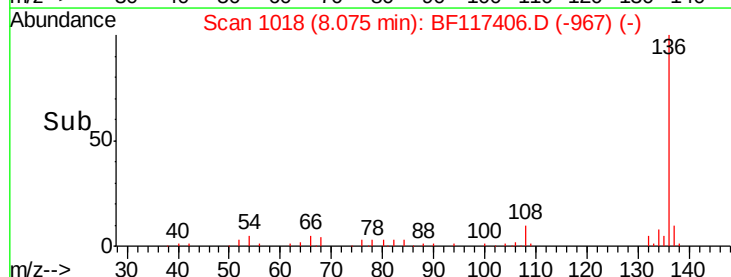
137 10.1 8.4 12.6

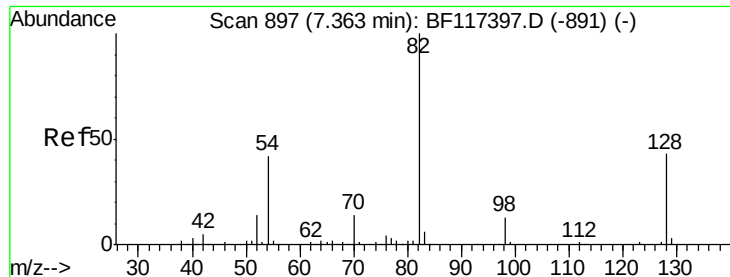
54 5.4 4.6 6.8

68 4.4 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

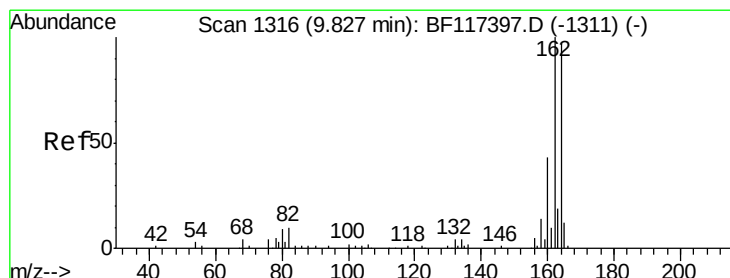
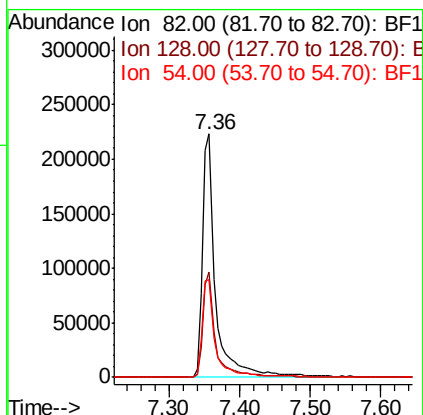
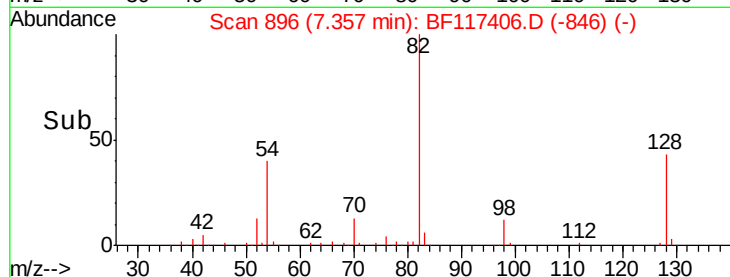
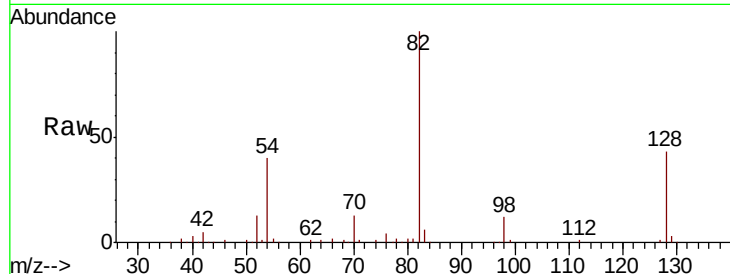




#23
Nitrobenzene-d5
Concen: 91.499 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117406.D
Acq: 14 Oct 2019 18:54

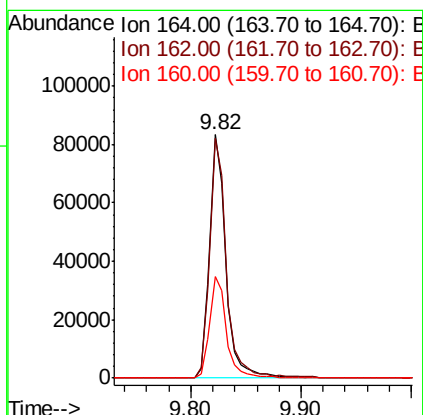
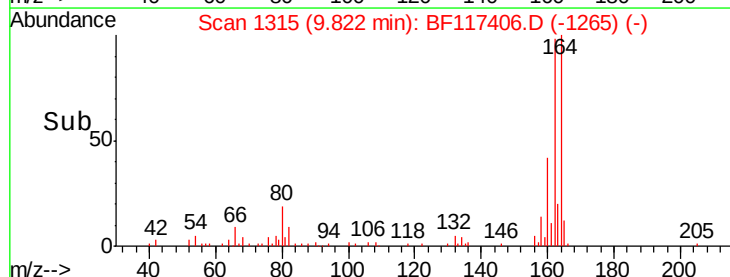
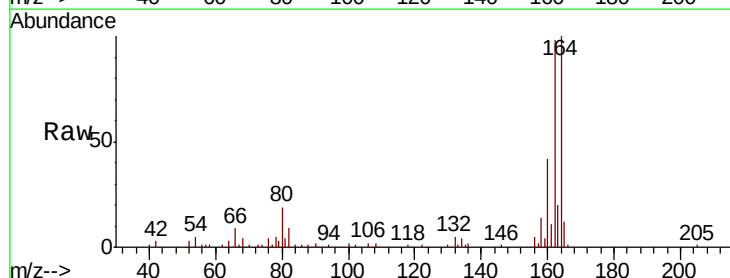
Instrument :
BNA_F
ClientSampleId :
TP-3

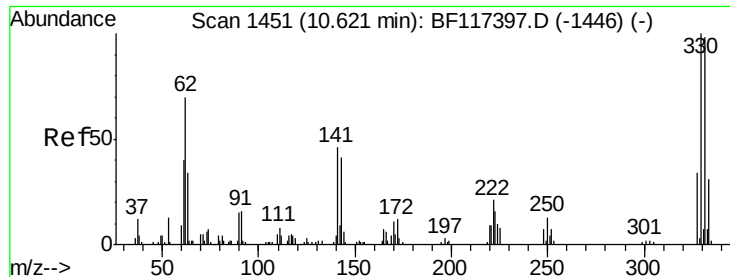
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.1	51.1
54	40.3	33.3	49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117406.D
Acq: 14 Oct 2019 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.4	123.6
160	41.7	35.4	53.0

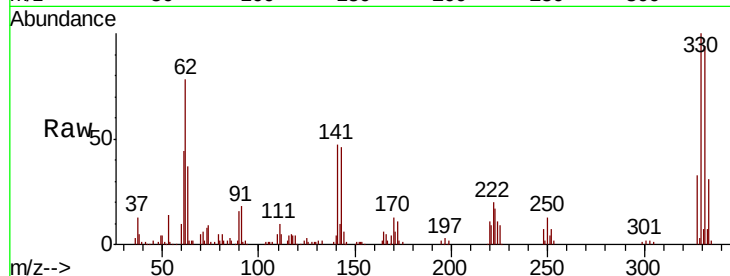




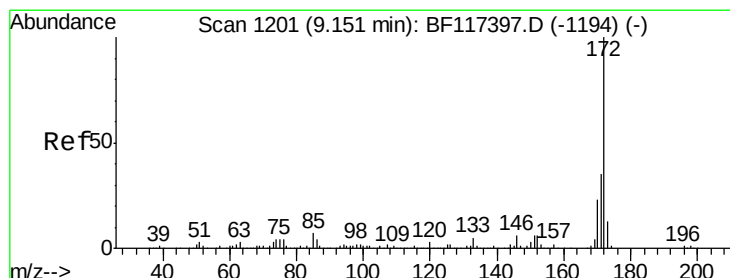
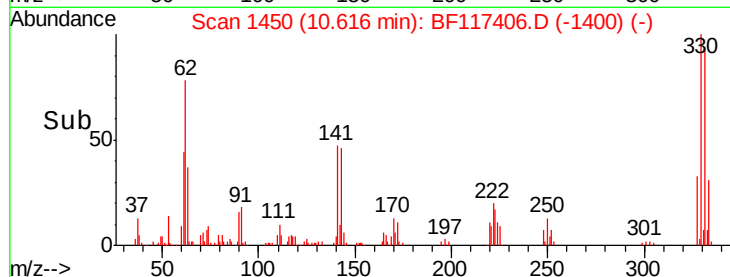
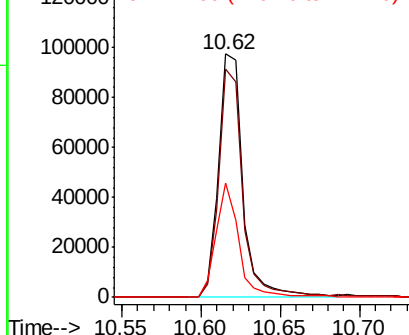
#42
 2,4,6-Tribromophenol
 Concen: 154.906 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF117406.D
 Acq: 14 Oct 2019 18:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:330 Resp: 104939
 Ion Ratio Lower Upper
 330 100
 332 93.1 75.0 112.6
 141 44.1 34.2 51.4

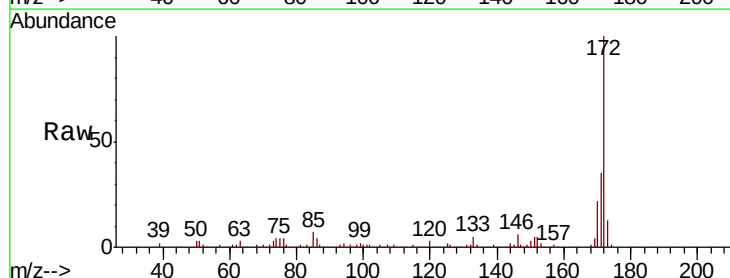


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

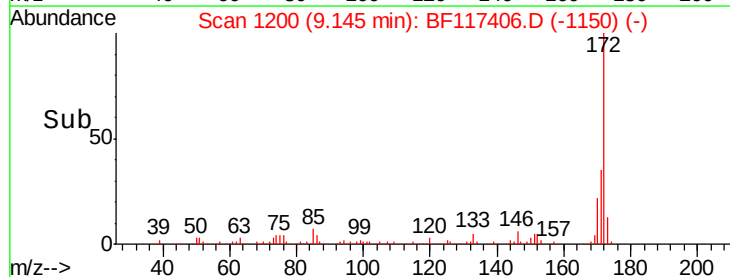
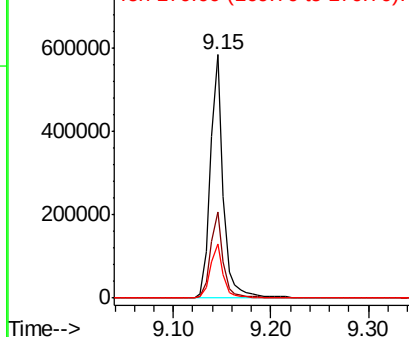


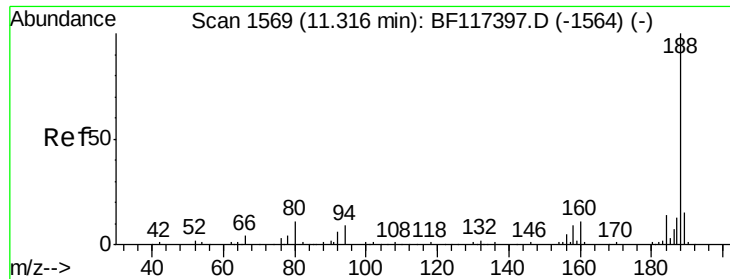
#45
 2-Fluorobiphenyl
 Concen: 94.018 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117406.D
 Acq: 14 Oct 2019 18:54

Tgt Ion:172 Resp: 536794
 Ion Ratio Lower Upper
 172 100
 171 35.2 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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF117406.D

Acq: 14 Oct 2019 18:54

Instrument :

BNA_F

ClientSampleId :

TP-3

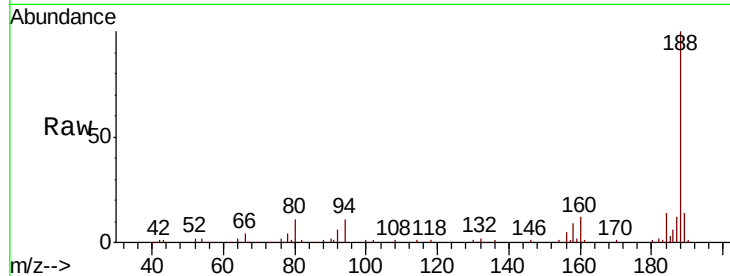
Tot Ion:188 Resp: 138698

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

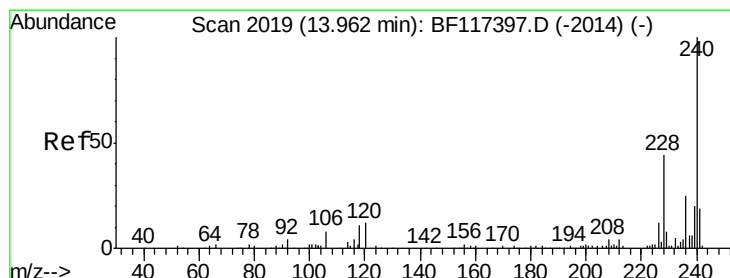
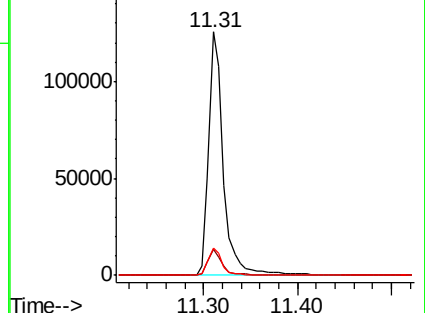
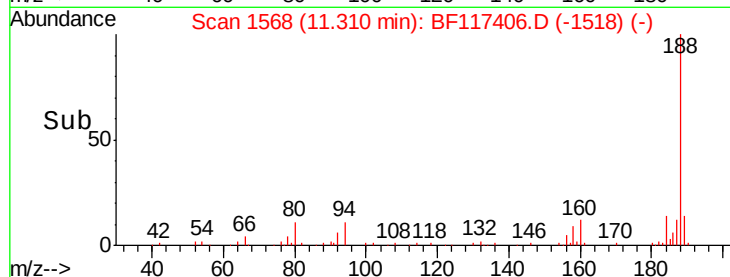
80 11.5 8.7 13.1



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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117406.D

Acq: 14 Oct 2019 18:54

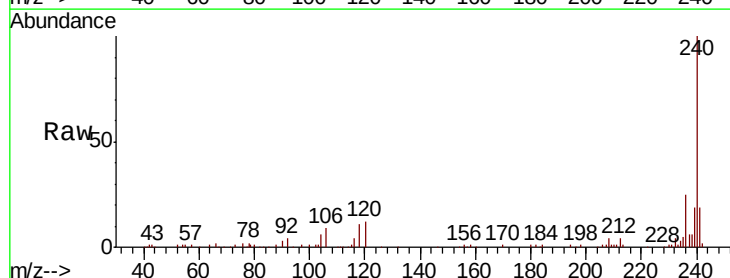
Tgt Ion:240 Resp: 116701

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.0

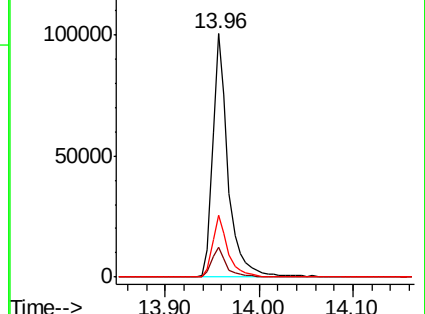
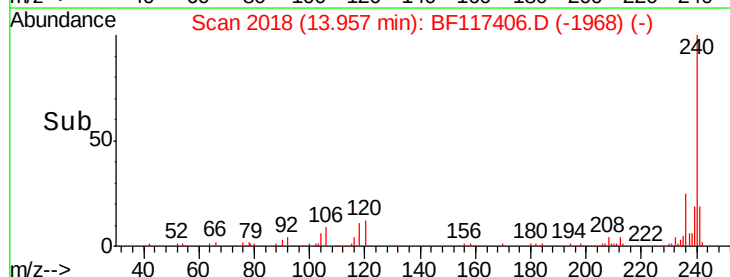
236 25.4 19.8 29.6

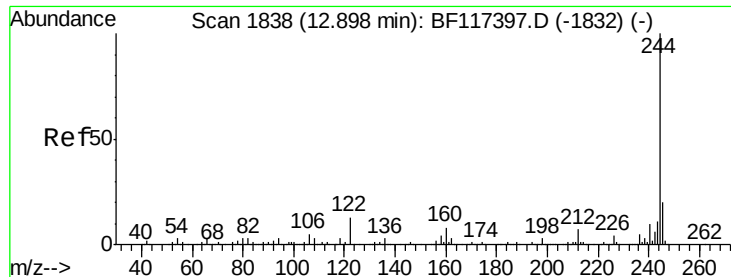


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.105 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117406.D

Acq: 14 Oct 2019 18:54

Instrument :

BNA_F

ClientSampleId :

TP-3

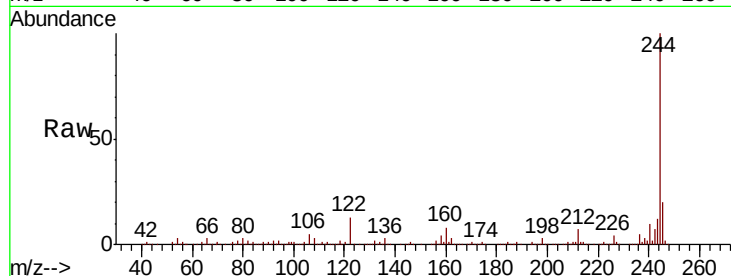
Tot Ion:244 Resp: 580621

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

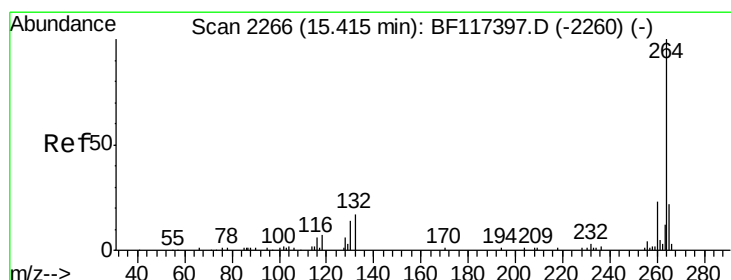
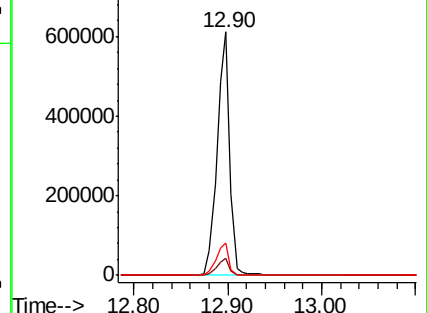
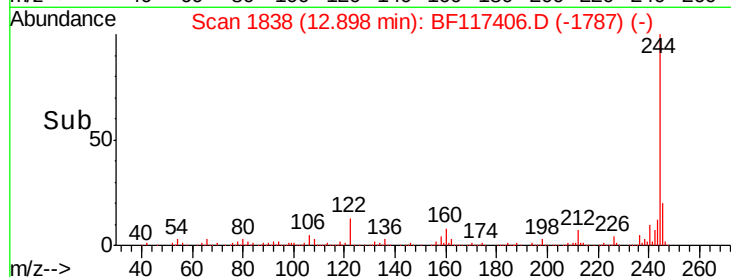
122 13.4 10.7 16.1



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: BF117406.D

Acq: 14 Oct 2019 18:54

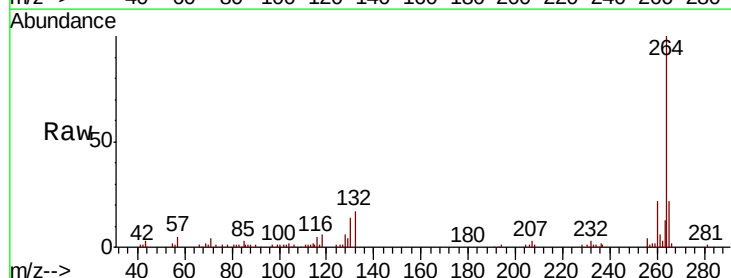
Tgt Ion:264 Resp: 119869

Ion Ratio Lower Upper

264 100

260 21.7 18.6 27.8

265 21.8 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

