

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117407.D
 Acq On : 14 Oct 2019 19:20
 Operator : JU
 Sample : K5323-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 15 02:31:04 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

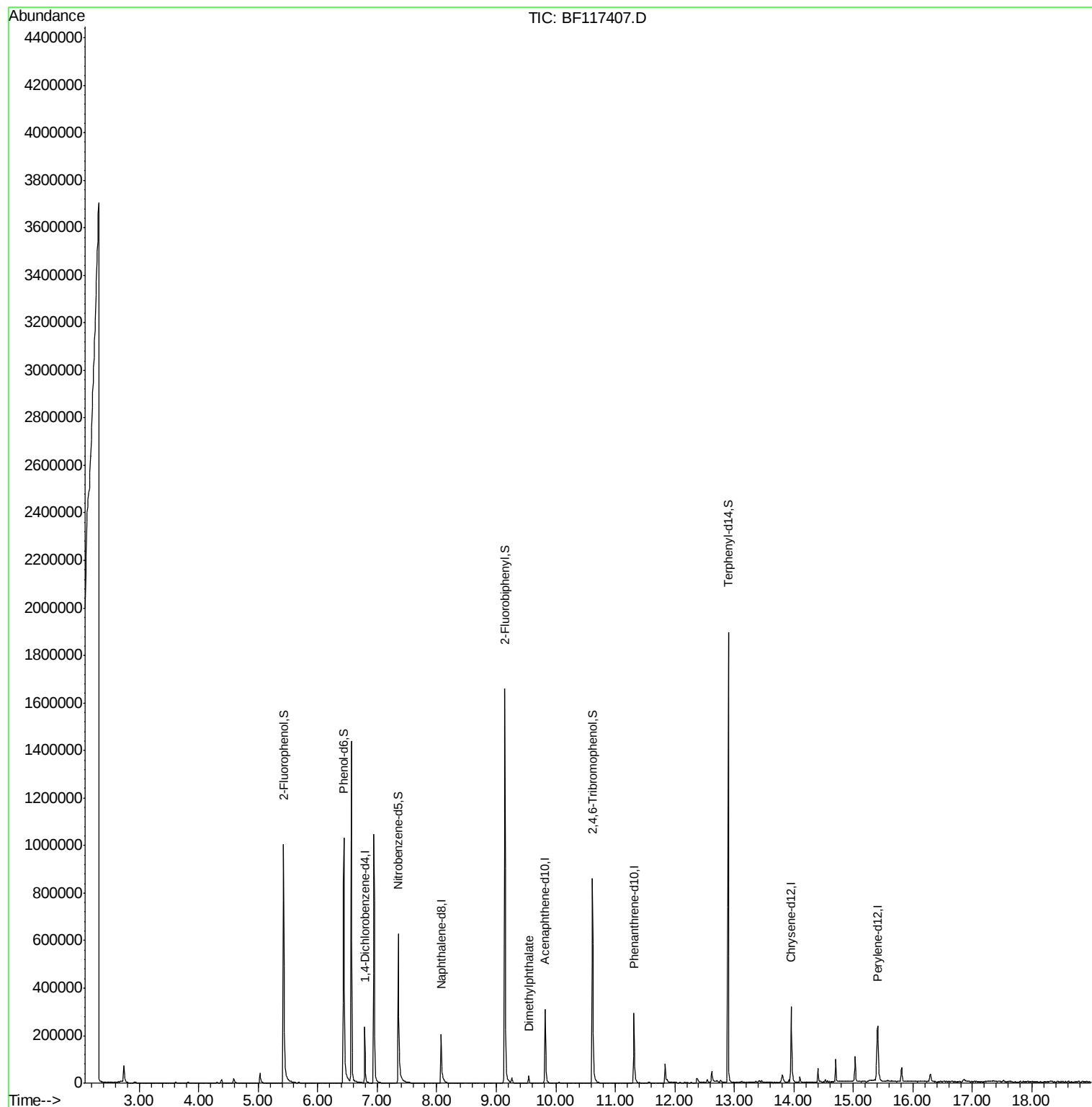
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	39725	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	157904	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	82367	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	142505	20.00	ng	0.00
76) Chrysene-d12	13.96	240	121215	20.00	ng	0.00
87) Perylene-d12	15.41	264	126914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	353617	136.96	ng	0.01
7) Phenol-d6	6.44	99	452531	132.10	ng	0.00
23) Nitrobenzene-d5	7.36	82	297171	95.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	107942	161.02	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	553002	97.88	ng	0.00
79) Terphenyl-d14	12.90	244	617605	83.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	17068	2.885	ng	Qvalue 99

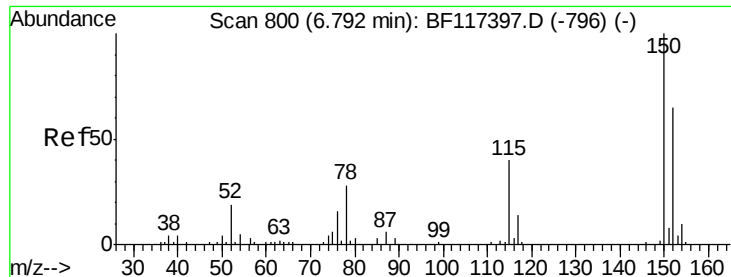
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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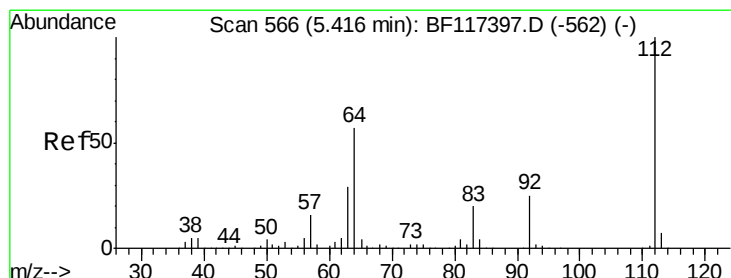
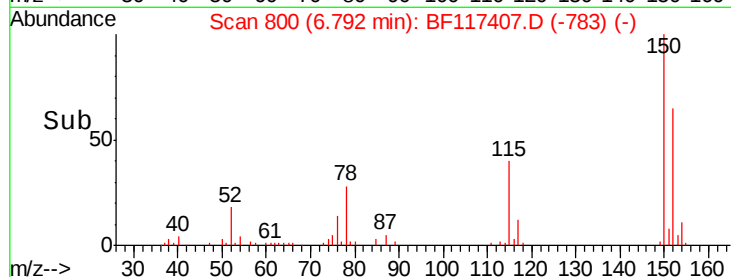
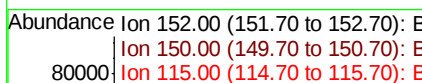
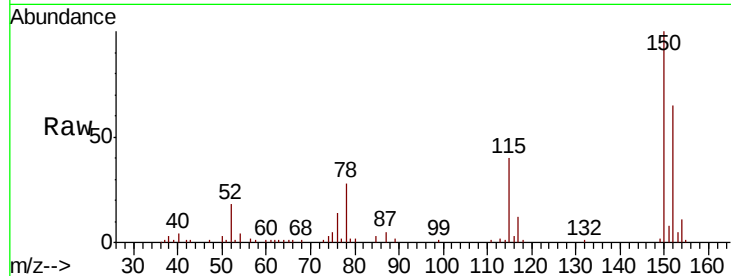


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117407.D
Acq: 14 Oct 2019 19:20

Instrument :
BNA_F
ClientSampleId :
TP-4

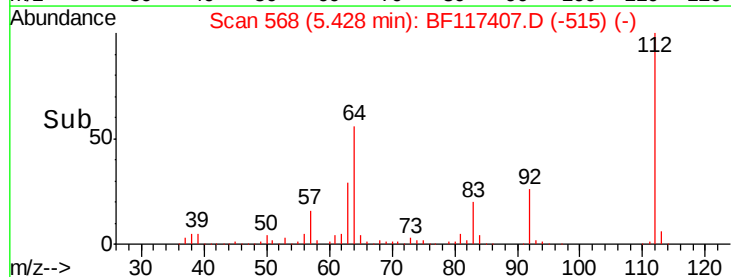
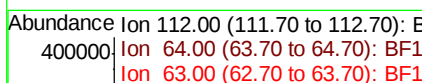
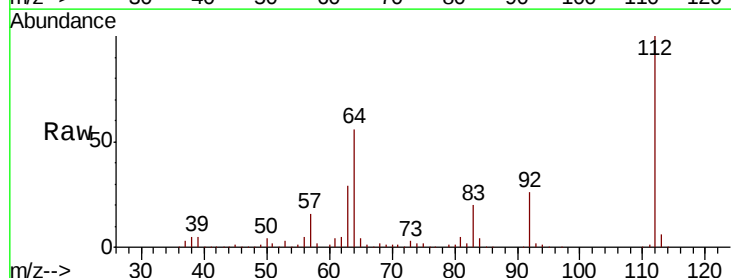
Tot Ion:152 Resp: 39725
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 61.8 48.6 73.0

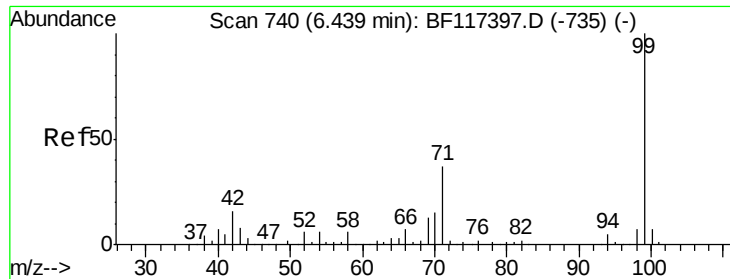


#5

2-Fluorophenol
Concen: 136.963 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117407.D
Acq: 14 Oct 2019 19:20

Tgt Ion:112 Resp: 353617
Ion Ratio Lower Upper
112 100
64 56.1 45.2 67.8
63 29.3 23.4 35.2





#7

Phenol-d6

Concen: 132.102 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117407.D

Acq: 14 Oct 2019 19:20

Instrument :

BNA_F

ClientSampled :

TP-4

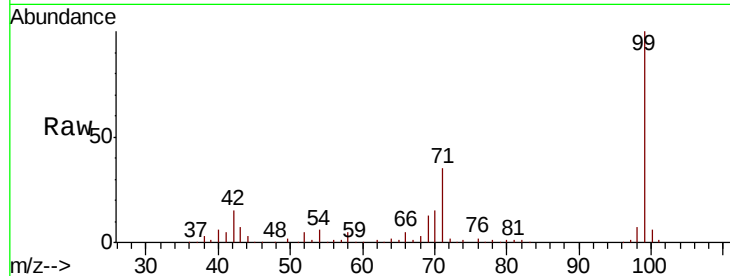
Tot Ion: 99 Resp: 452531

Ion Ratio Lower Upper

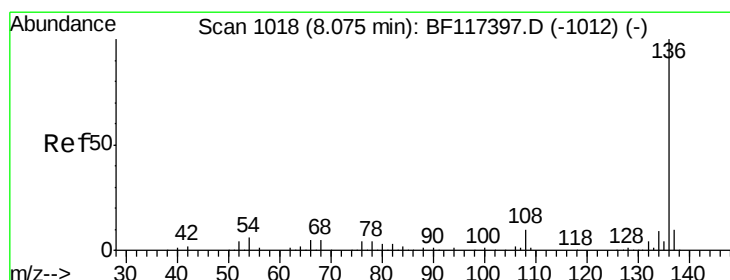
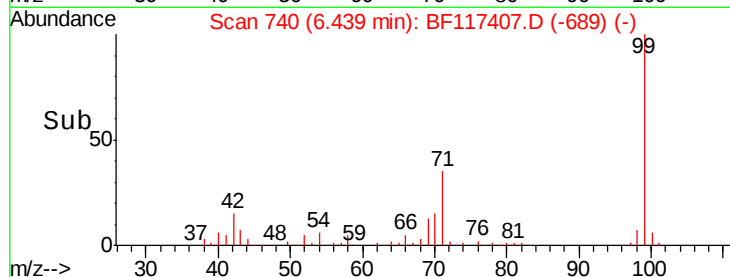
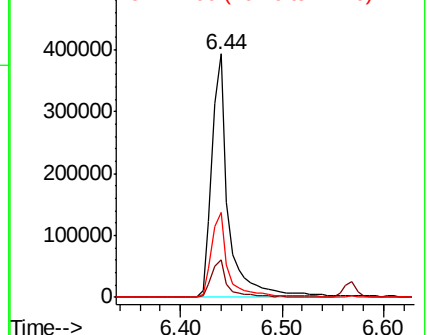
99 100

42 15.3 12.5 18.7

71 35.1 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: BF117407.D

Acq: 14 Oct 2019 19:20

Tgt Ion: 136 Resp: 157904

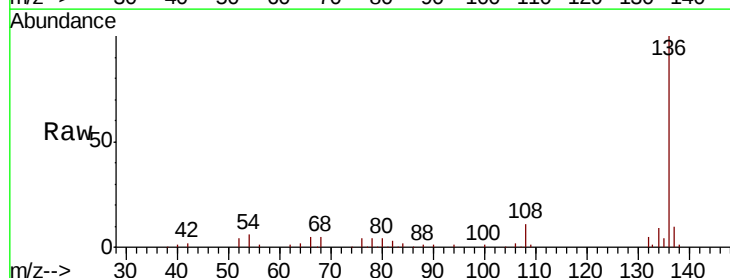
Ion Ratio Lower Upper

136 100

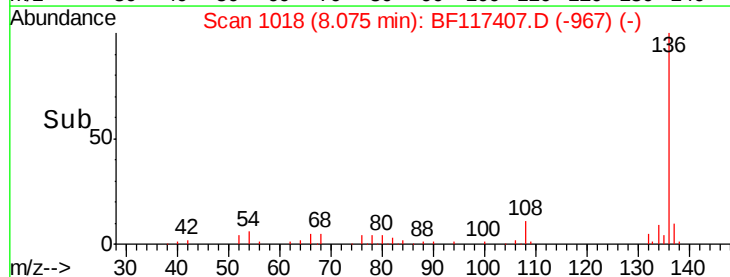
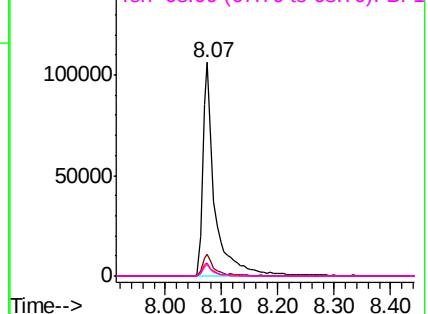
137 10.5 8.4 12.6

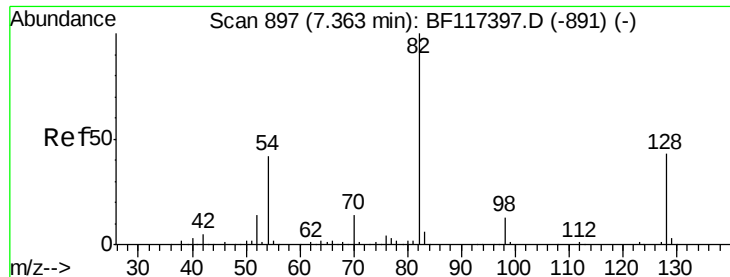
54 6.3 4.6 6.8

68 5.2 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

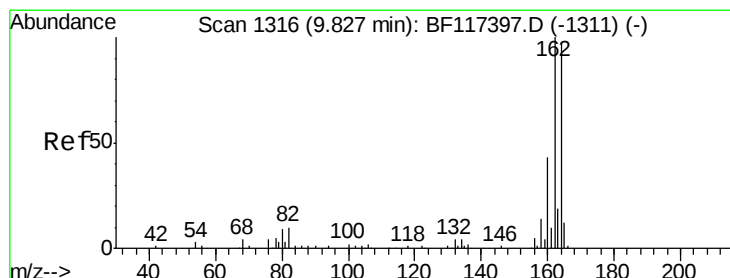
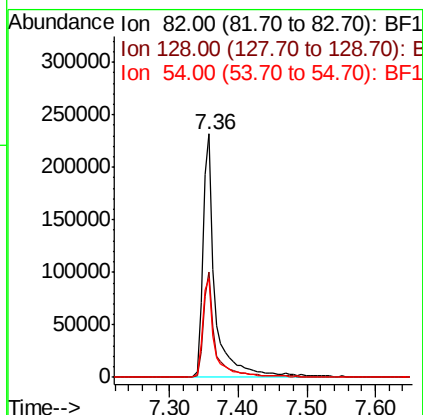
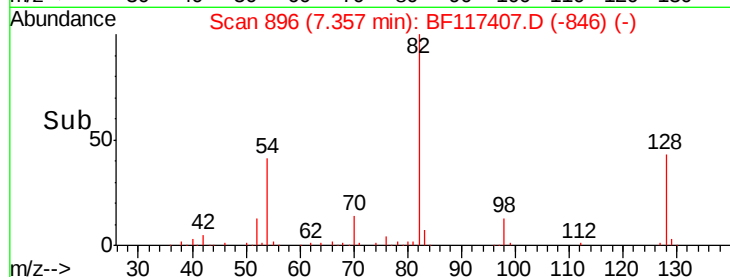
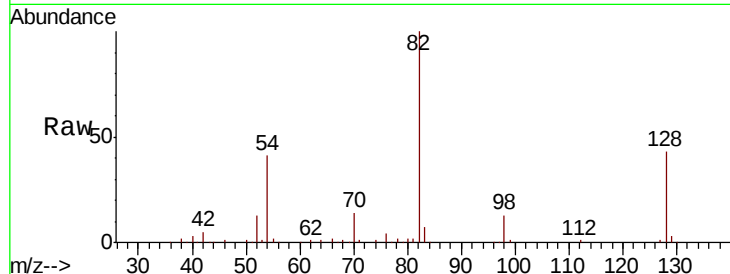




#23
 Nitrobenzene-d5
 Concen: 95.398 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117407.D
 Acq: 14 Oct 2019 19:20

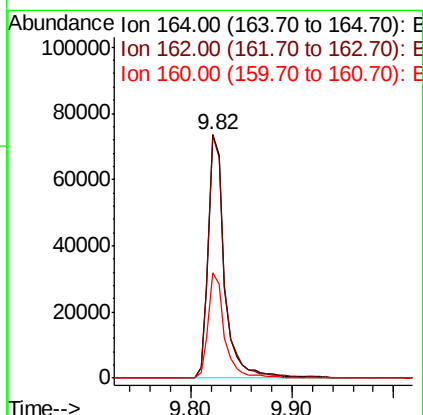
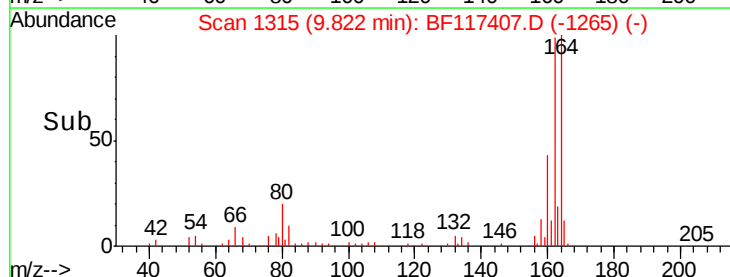
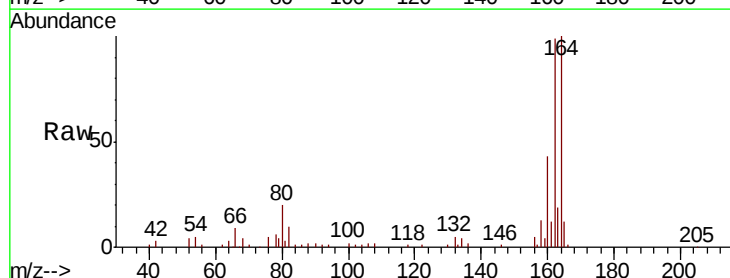
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

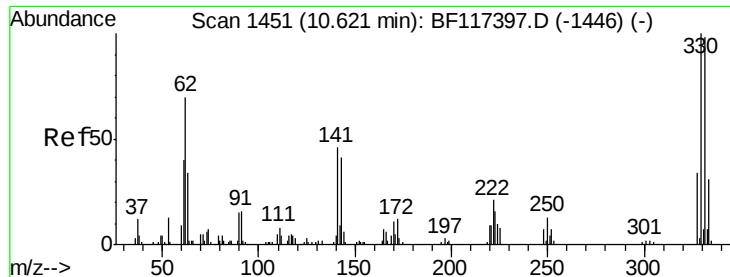
Tot Ion	82	Resp	297171
Ion Ratio	100		
Lower	34.1		
Upper	51.1		
128	43.2		
54	40.8		
	33.3		
	49.9		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF117407.D
 Acq: 14 Oct 2019 19:20

Tgt Ion	164	Resp	82367
Ion Ratio	100		
Lower	82.4		
Upper	123.6		
162	99.4		
160	43.5		
	35.4		
	53.0		

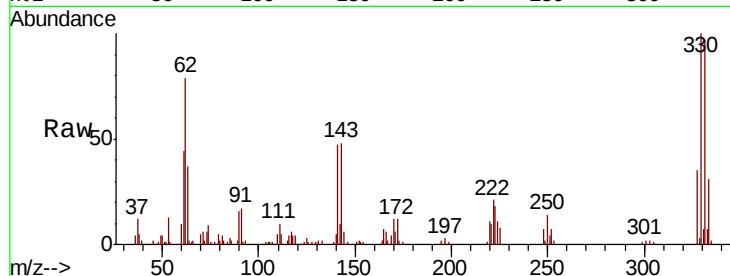




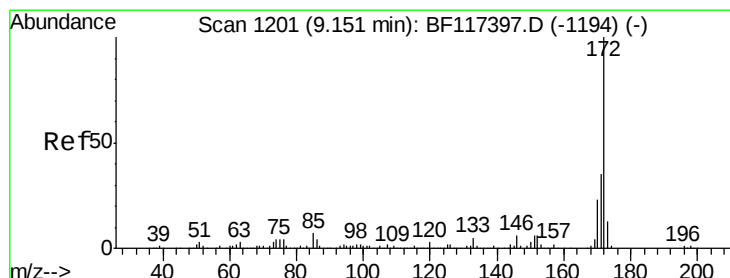
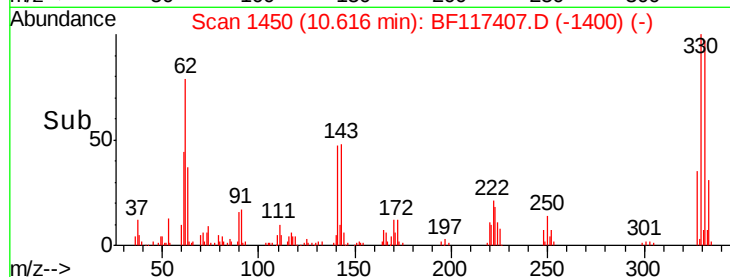
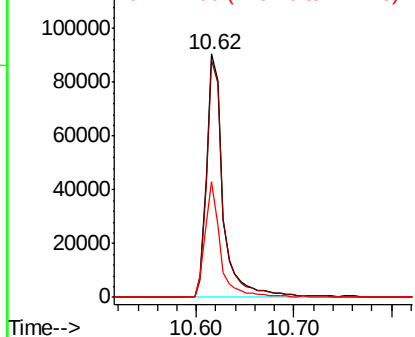
#42
 2,4,6-Tribromophenol
 Concen: 161.022 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF117407.D
 Acq: 14 Oct 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:330 Resp: 107942
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.0 112.6
 141 44.0 34.2 51.4

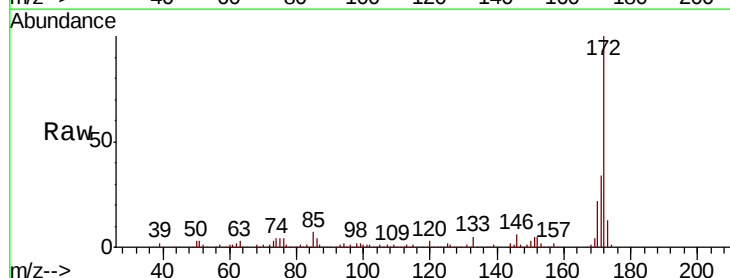


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

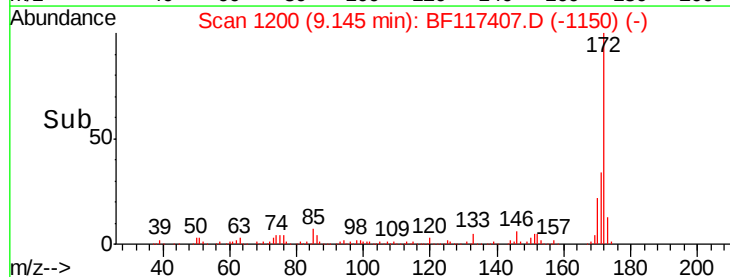
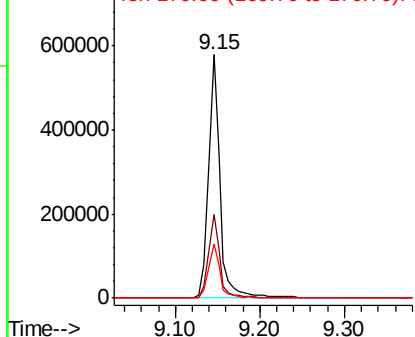


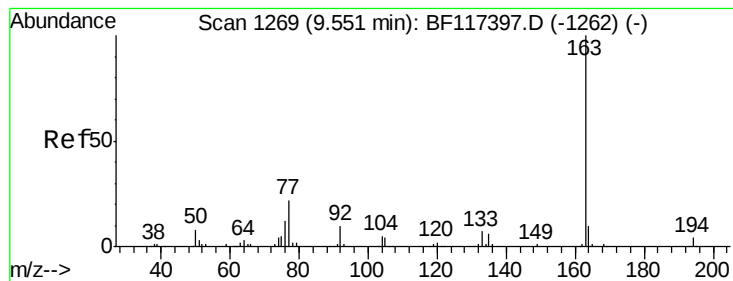
#45
 2-Fluorobiphenyl
 Concen: 97.880 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117407.D
 Acq: 14 Oct 2019 19:20

Tgt Ion:172 Resp: 553002
 Ion Ratio Lower Upper
 172 100
 171 34.1 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





#50

Dimethylphthalate

Concen: 2.885 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117407.D

Acq: 14 Oct 2019 19:20

Instrument :

BNA_F

ClientSampleId :

TP-4

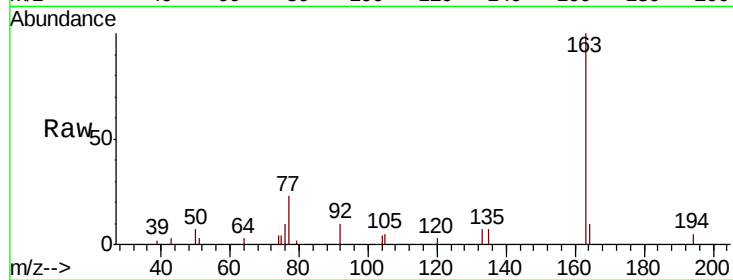
Tot Ion:163 Resp: 17068

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

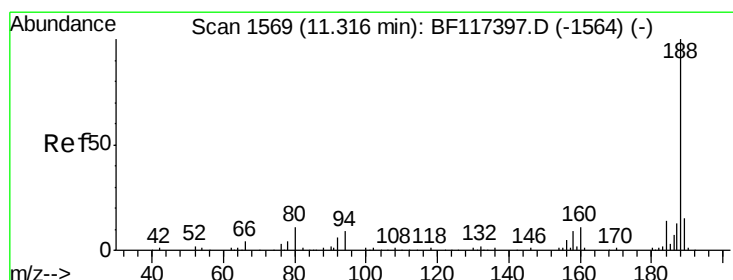
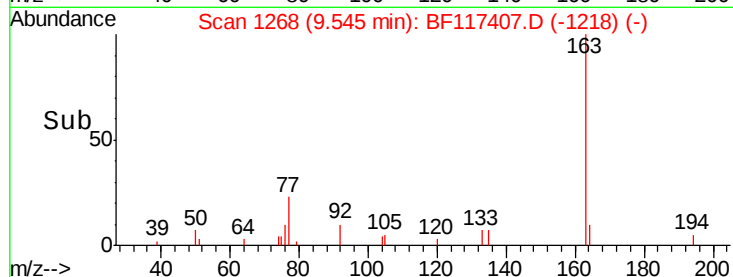
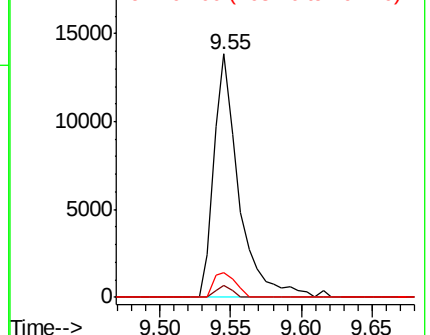
164 10.4 8.0 12.0



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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF117407.D

Acq: 14 Oct 2019 19:20

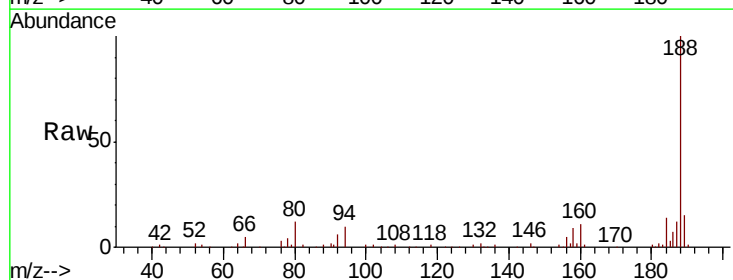
Tgt Ion:188 Resp: 142505

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

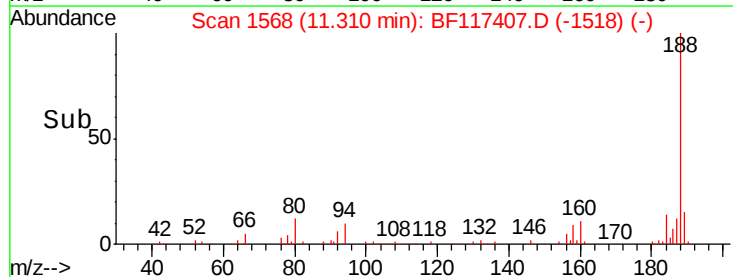
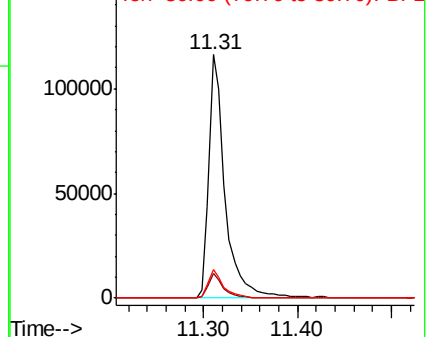
80 11.5 8.7 13.1

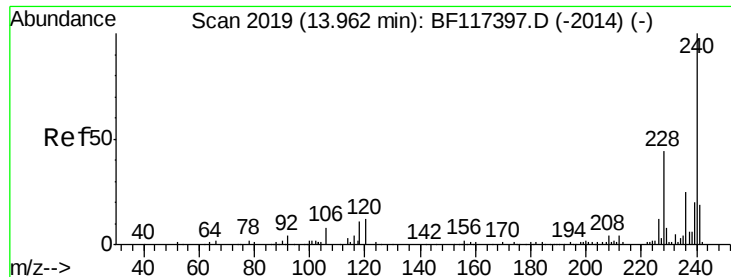


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

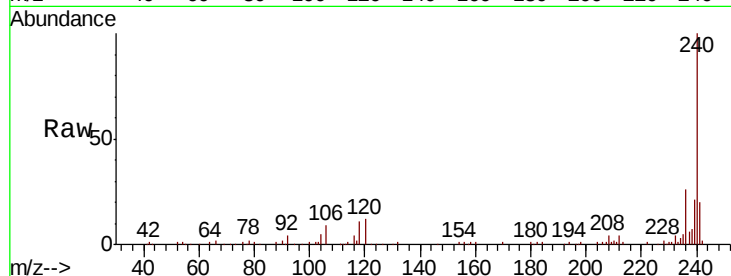




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117407.D
Acq: 14 Oct 2019 19:20

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.4	14.0
236	25.5	19.8	29.6

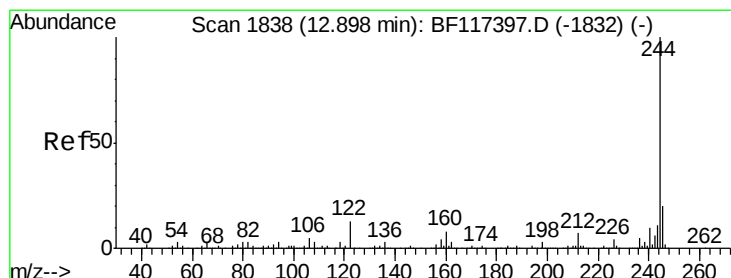
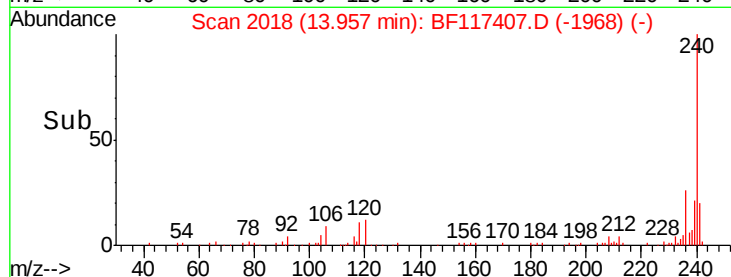
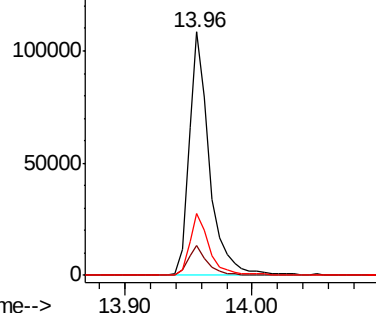


Abundance

Ion 240.00 (239.70 to 240.70): E

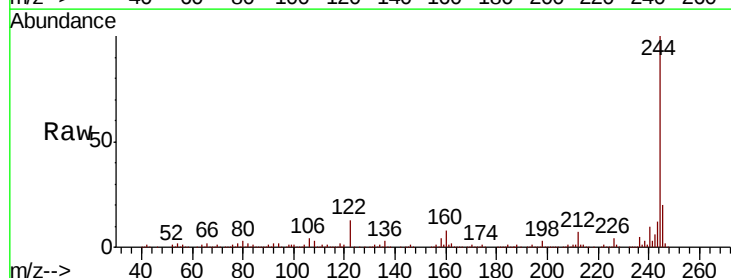
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
Terphenyl-d14
Concen: 83.059 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117407.D
Acq: 14 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.9	10.7	16.1

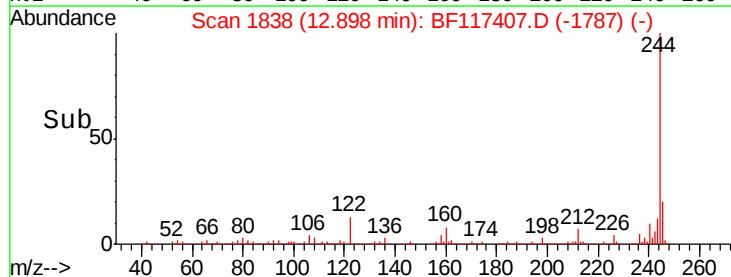
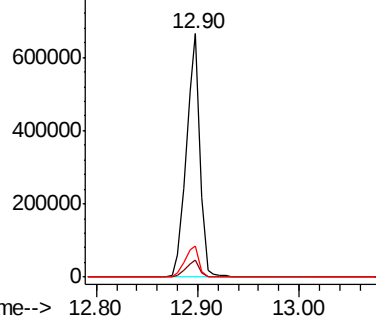


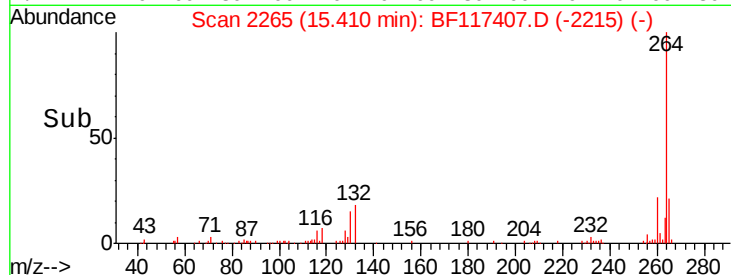
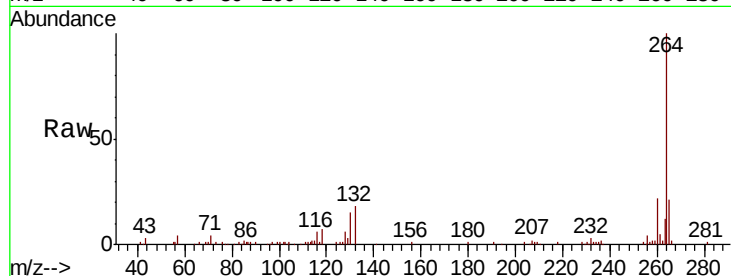
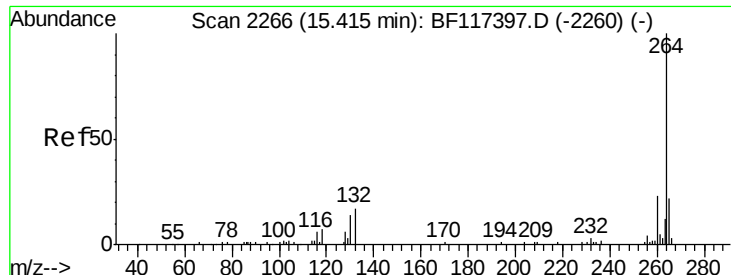
Abundance

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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117407.D
 Acq: 14 Oct 2019 19:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:	264	Resp:	126914
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.6	27.8
265	20.8	17.4	26.0

