

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117428.D
 Acq On : 17 Oct 2019 18:20
 Operator : JU
 Sample : K5152-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519

Quant Time: Oct 18 04:55:03 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

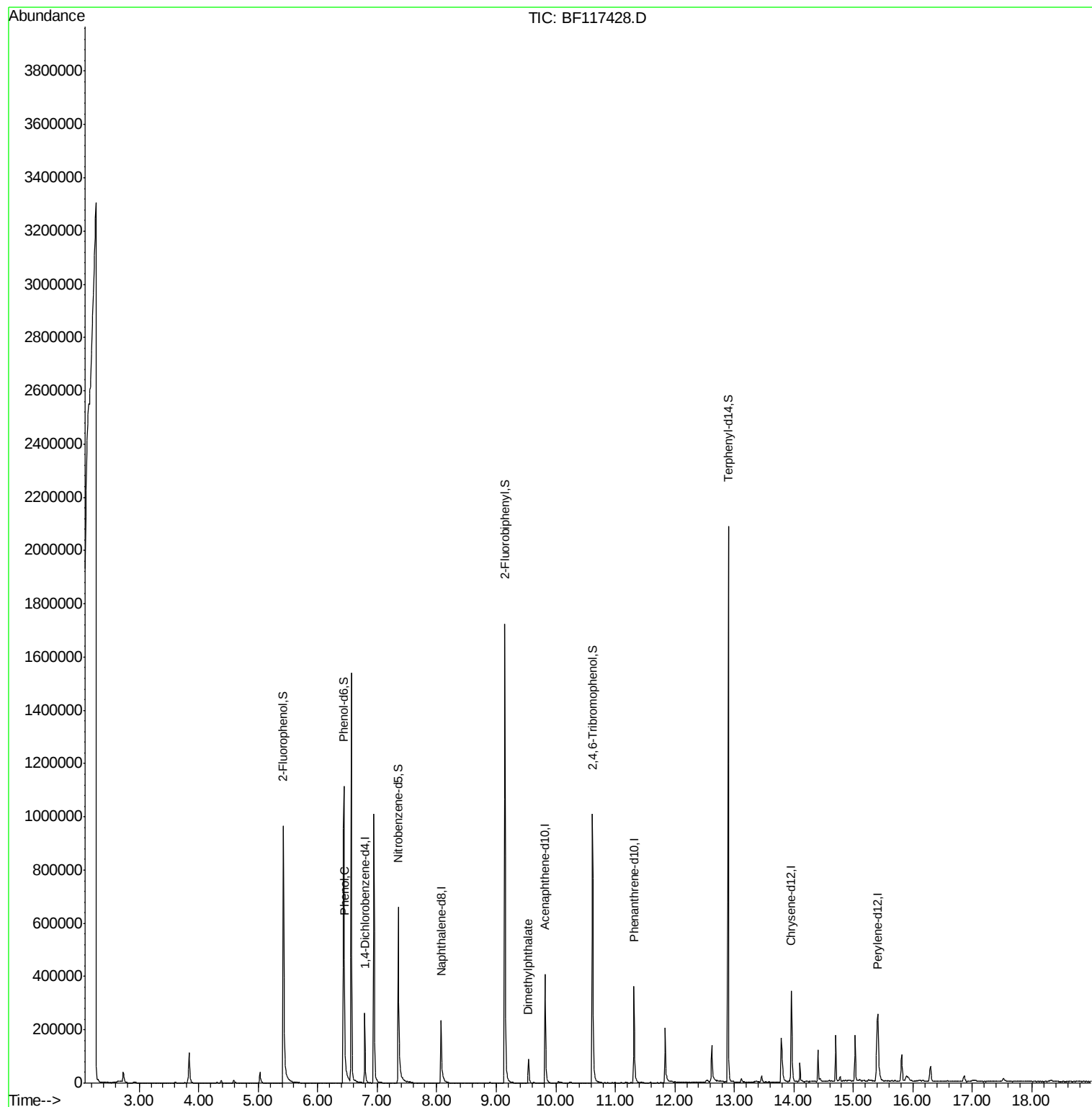
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	47333	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	188770	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	99817	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	173919	20.00	ng	0.00
76) Chrysene-d12	13.96	240	148581	20.00	ng	0.00
87) Perylene-d12	15.42	264	147990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	380182	123.58	ng	0.01
7) Phenol-d6	6.44	99	506579	124.11	ng	0.00
23) Nitrobenzene-d5	7.36	82	323111	86.77	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	125483	154.46	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	578277	84.46	ng	0.00
79) Terphenyl-d14	12.90	244	721777	79.19	ng	0.00
Target Compounds						
10) Phenol	6.45	94	22024	4.998	ng	91
50) Dimethylphthalate	9.55	163	51851	7.233	ng	100

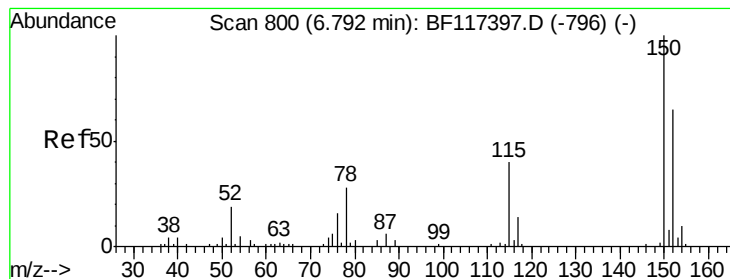
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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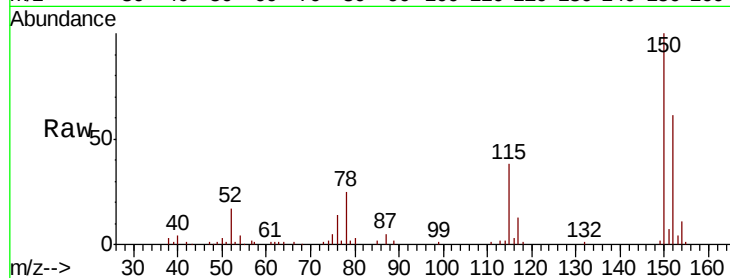


#1

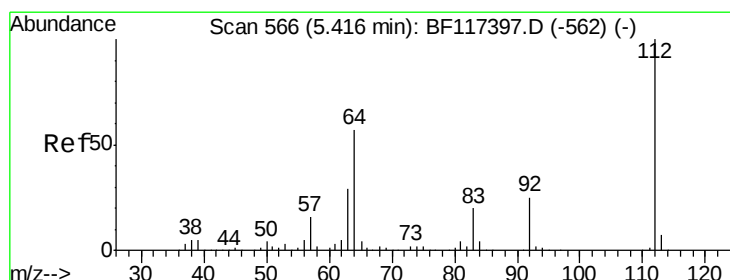
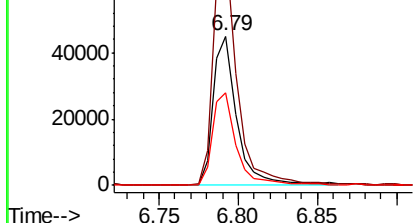
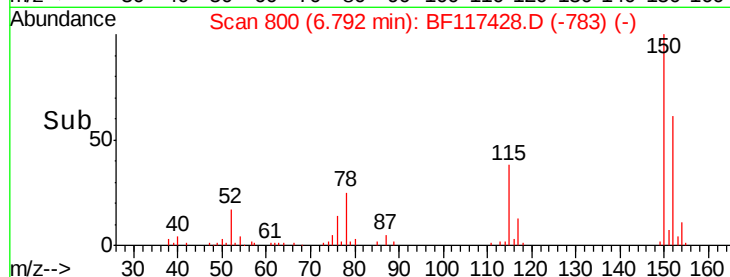
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tot Ion:152 Resp: 47333
Ion Ratio Lower Upper
152 100
150 162.9 122.7 184.1
115 62.0 48.6 73.0



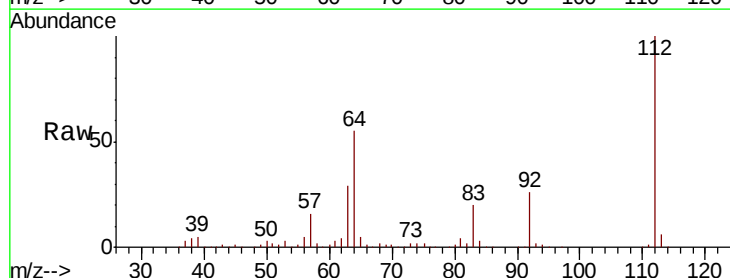
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



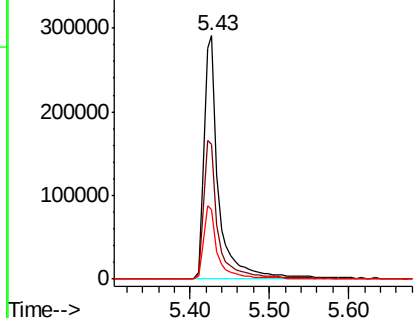
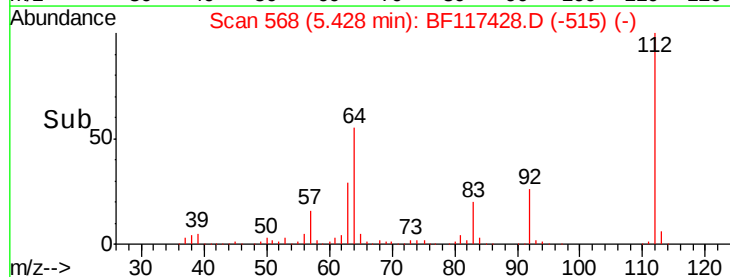
#5

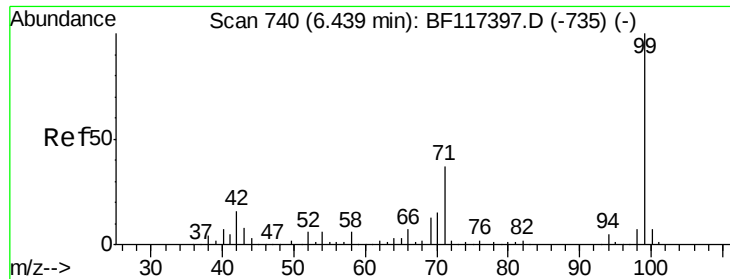
2-Fluorophenol
Concen: 123.584 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:112 Resp: 380182
Ion Ratio Lower Upper
112 100
64 55.2 45.2 67.8
63 28.6 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: 124.111 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117428.D

Acq: 17 Oct 2019 18:20

Instrument :

BNA_F

ClientSampleId :

SU-01-101519

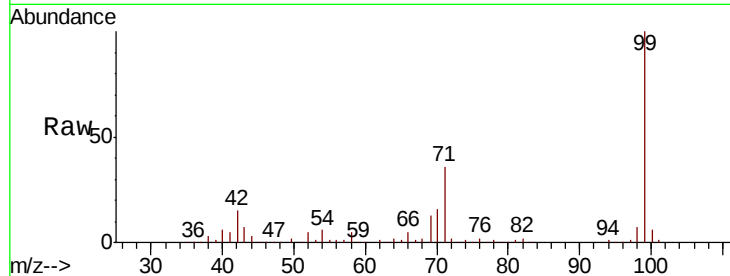
Tot Ion: 99 Resp: 506579

Ion Ratio Lower Upper

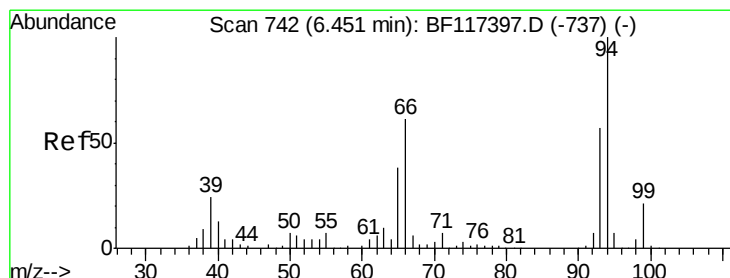
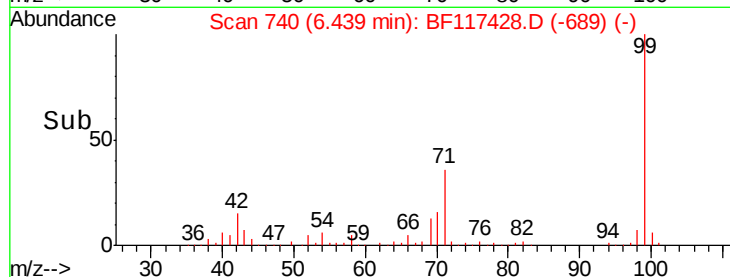
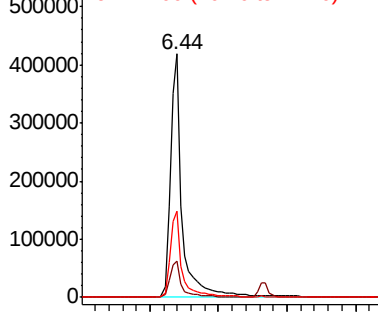
99 100

42 14.8 12.5 18.7

71 35.5 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



#10

Phenol

Concen: 4.998 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117428.D

Acq: 17 Oct 2019 18:20

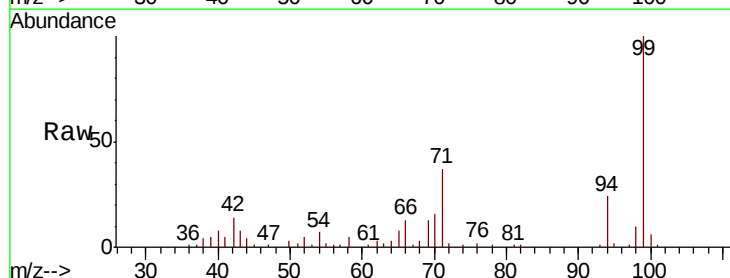
Tgt Ion: 94 Resp: 22024

Ion Ratio Lower Upper

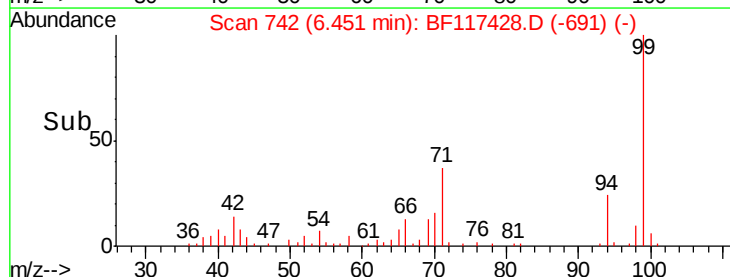
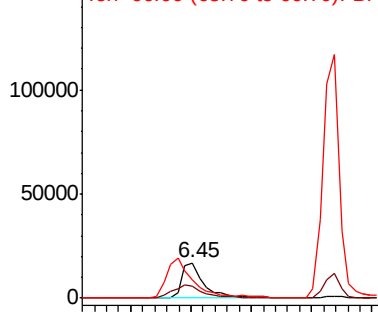
94 100

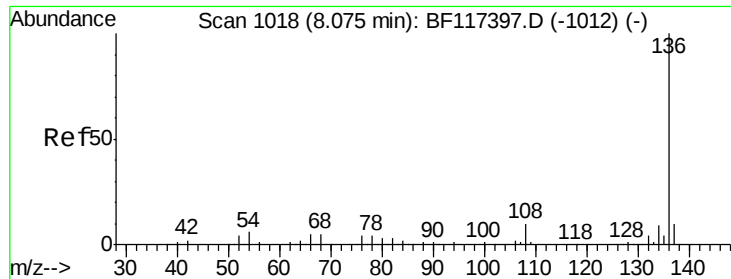
65 34.7 18.2 58.2

66 53.0 41.1 81.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

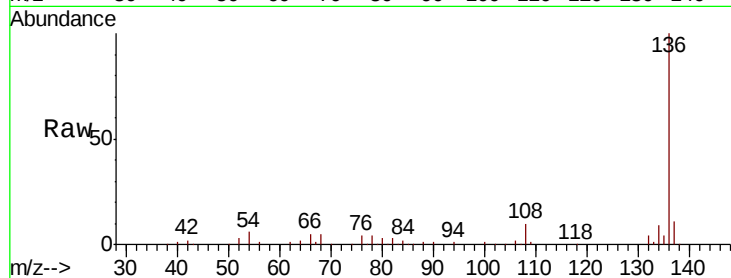




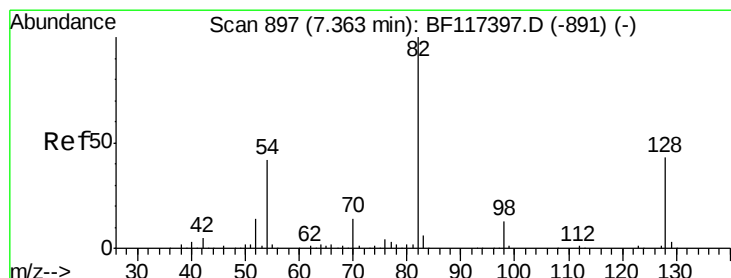
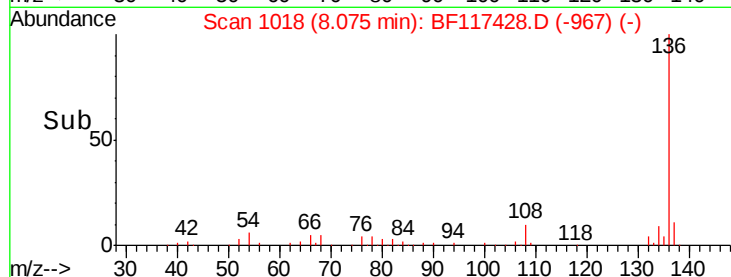
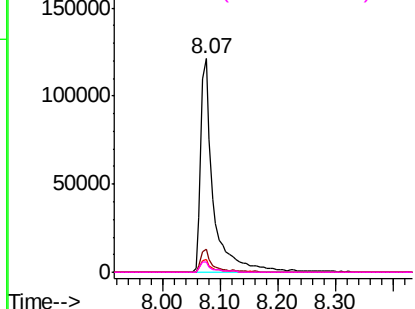
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tot Ion:136	Resp:	188770
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.4 12.6
54	5.7	4.6 6.8
68	4.5	3.8 5.8

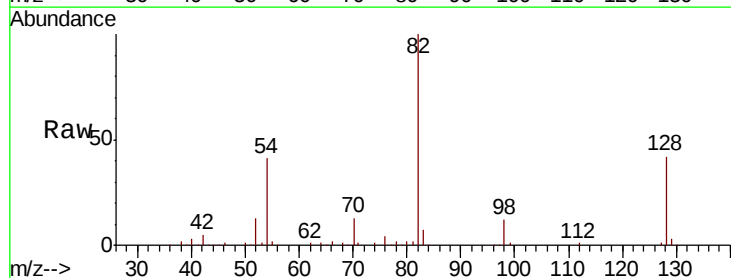


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

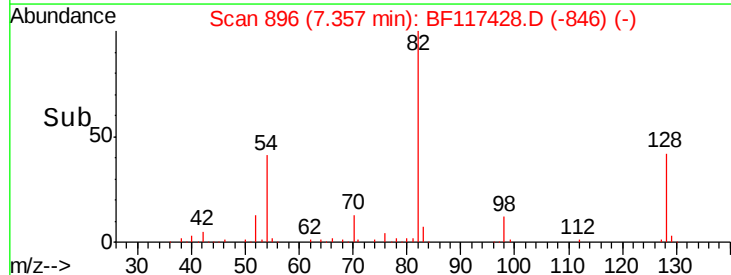
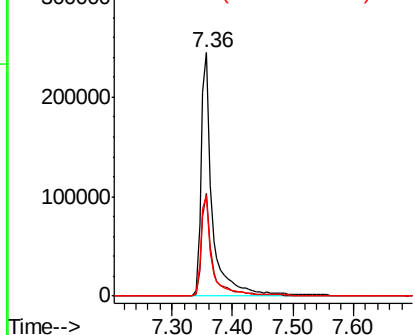


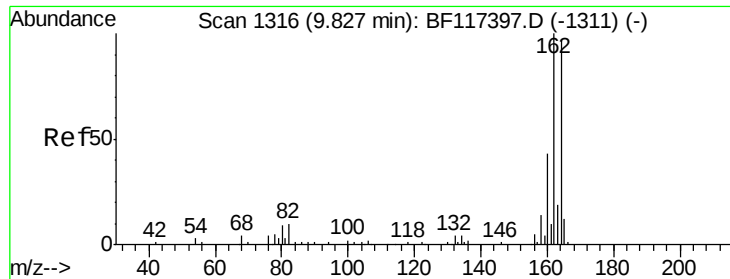
#23
Nitrobenzene-d5
Concen: 86.765 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion: 82	Resp:	323111
Ion	Ratio	Lower Upper
82	100	
128	42.4	34.1 51.1
54	41.2	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

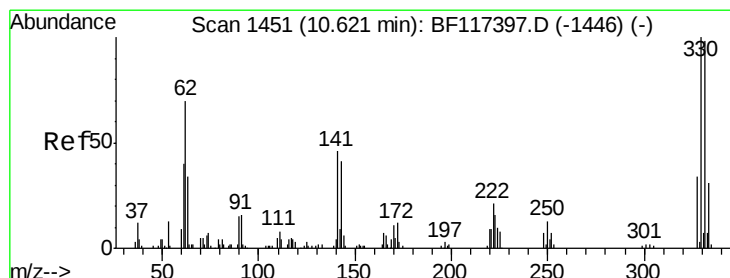
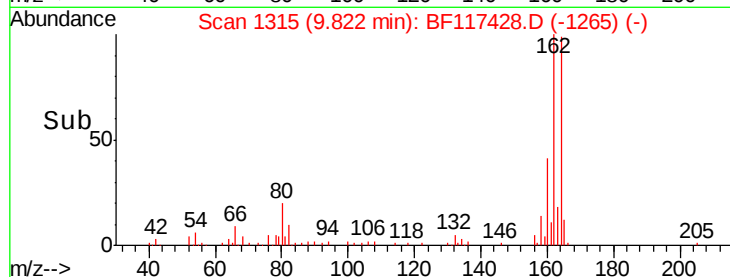
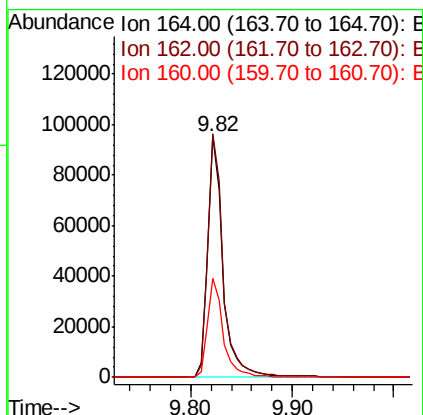
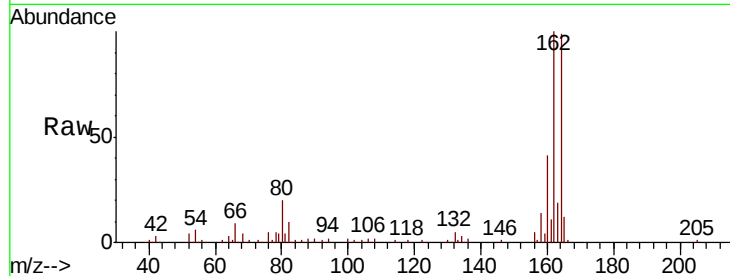




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

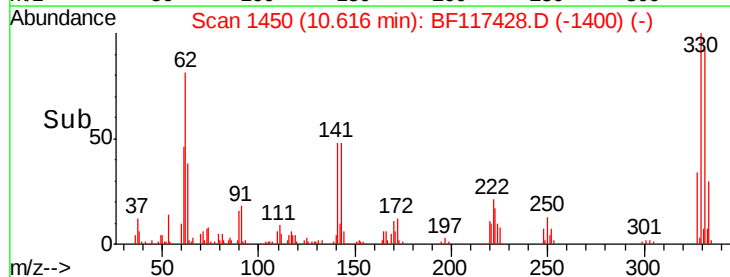
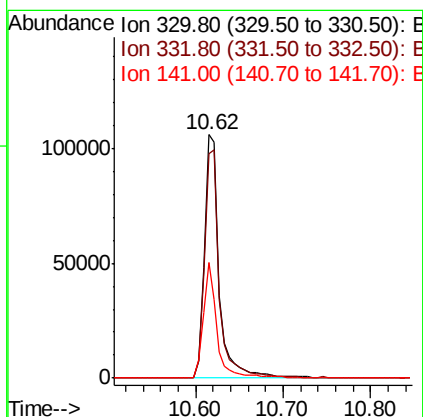
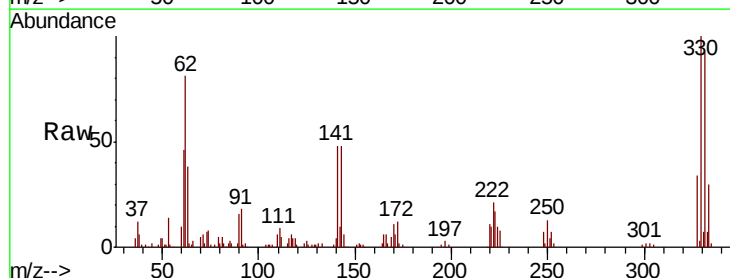
Instrument :
BNA_F
ClientSampleId :
SU-01-101519

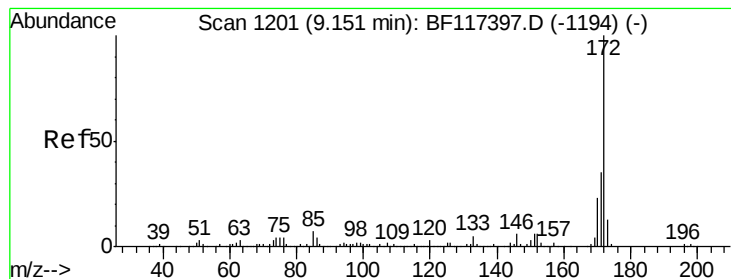
Tot Ion:164 Resp: 99817
Ion Ratio Lower Upper
164 100
162 101.1 82.4 123.6
160 41.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 154.464 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:330 Resp: 125483
Ion Ratio Lower Upper
330 100
332 94.6 75.0 112.6
141 43.2 34.2 51.4





#45

2-Fluorobiphenyl

Concen: 84.460 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117428.D

Acq: 17 Oct 2019 18:20

Instrument :

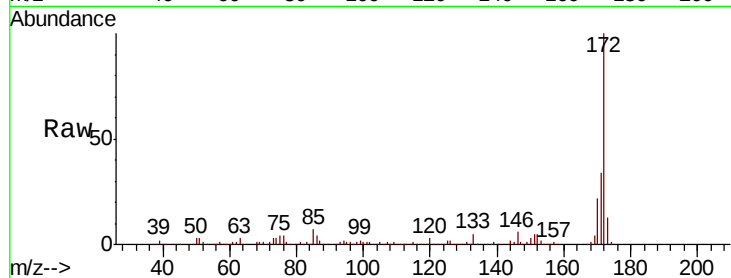
BNA_F

ClientSampleId :

SU-01-101519

Tot Ion:172 Resp: 578277

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	22.5	18.2	27.2

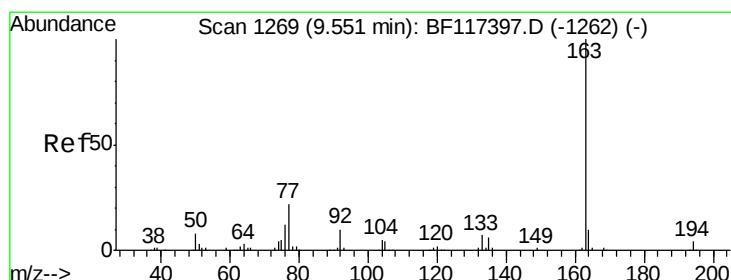
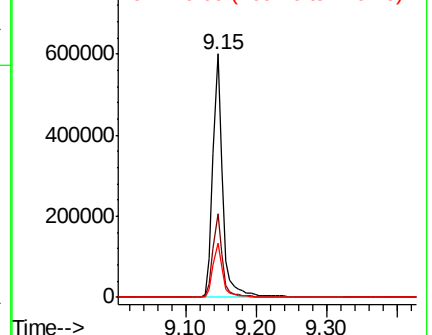
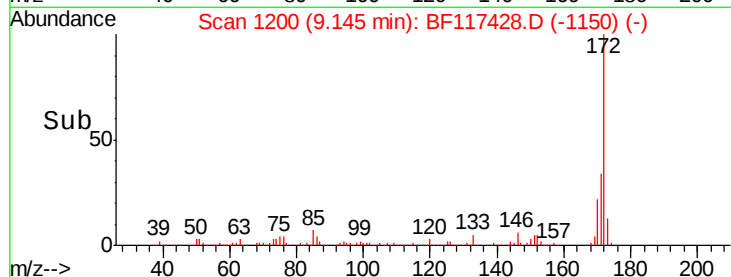


Abundance

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: 7.233 ng

RT: 9.55 min Scan# 1268

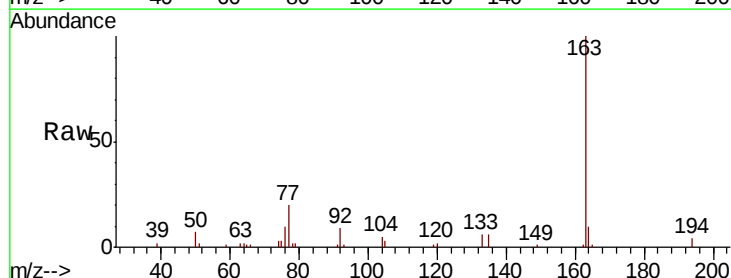
Delta R.T. -0.01 min

Lab File: BF117428.D

Acq: 17 Oct 2019 18:20

Tgt Ion:163 Resp: 51851

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.2	8.0	12.0

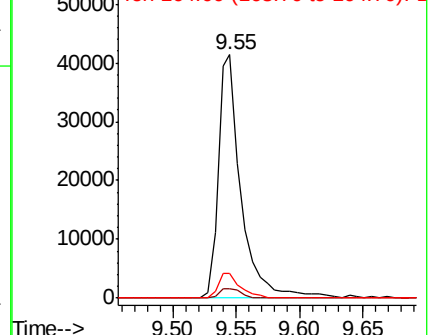
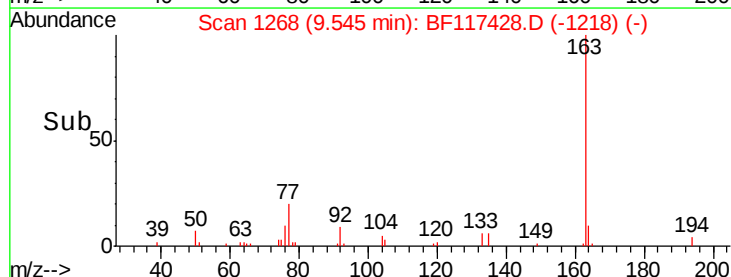


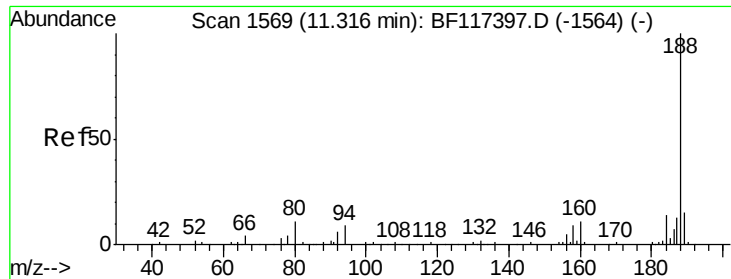
Abundance

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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117428.D

Acq: 17 Oct 2019 18:20

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SU-01-101519

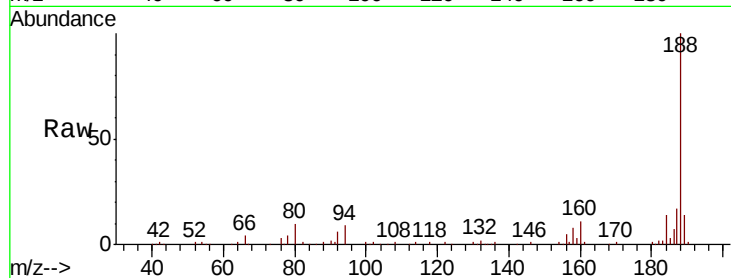
Tot Ion:188 Resp: 173919

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

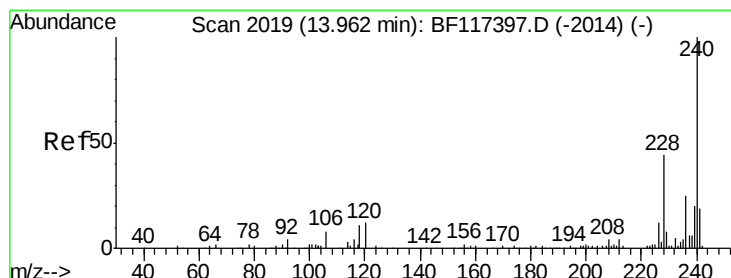
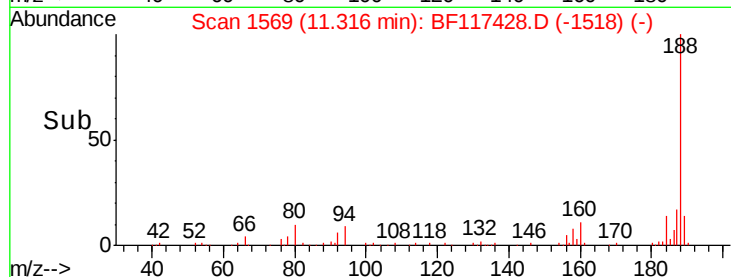
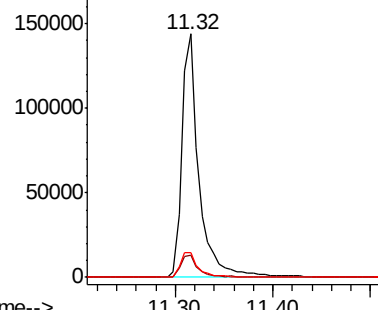
80 10.4 8.7 13.1



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: BF117428.D

Acq: 17 Oct 2019 18:20

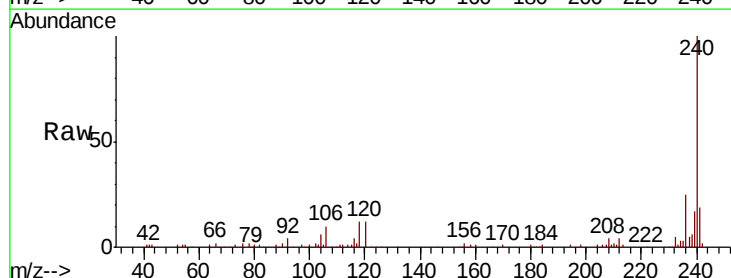
Tgt Ion:240 Resp: 148581

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.0

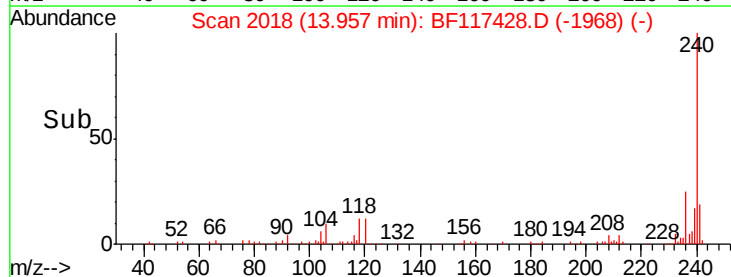
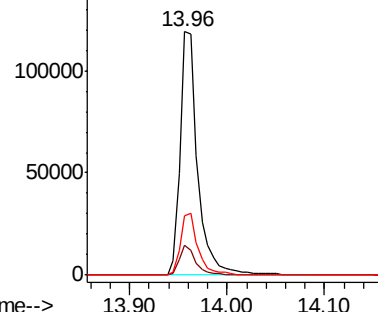
236 24.5 19.8 29.6

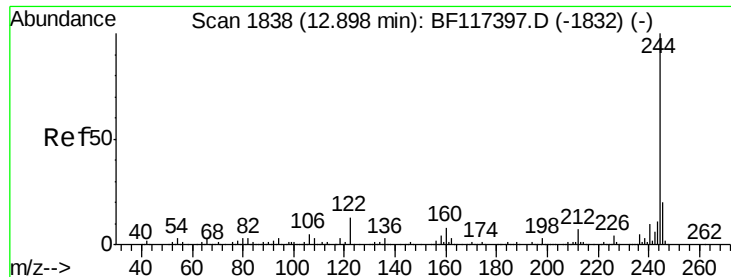


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

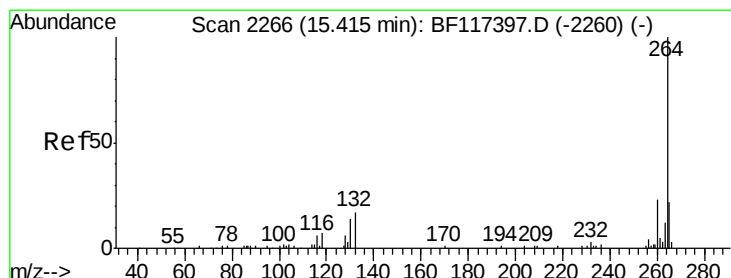
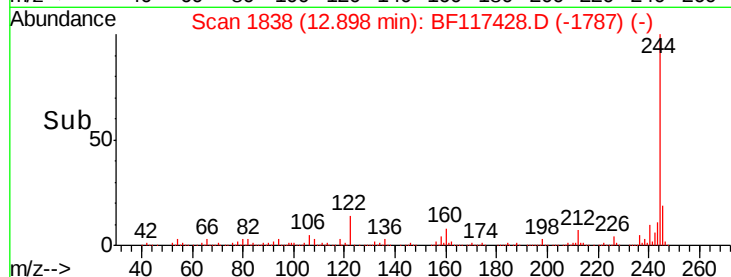
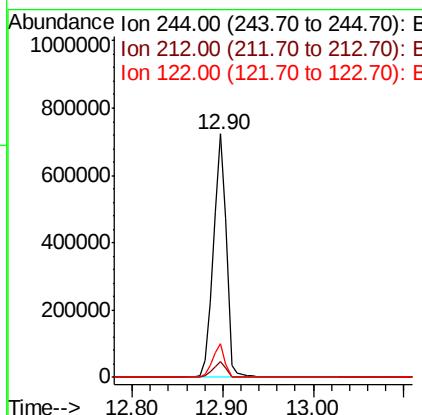
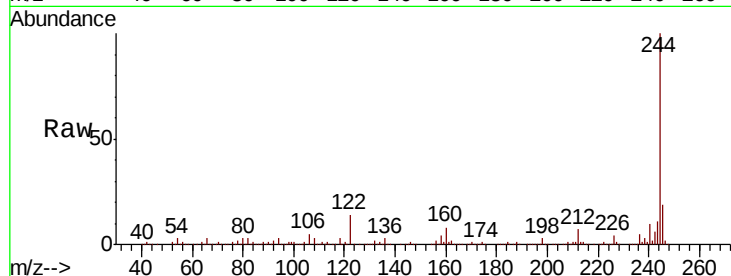




#79
 Terphenyl-d14
 Concen: 79.190 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117428.D
 Acq: 17 Oct 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519

Tot Ion:244 Resp: 721777
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 14.0 10.7 16.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF117428.D
 Acq: 17 Oct 2019 18:20

Tgt Ion:264 Resp: 147990
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.6 27.8
 265 21.3 17.4 26.0

