

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117389.D
 Acq On : 13 Oct 2019 00:37
 Operator : JU
 Sample : K5323-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 14 03:55:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

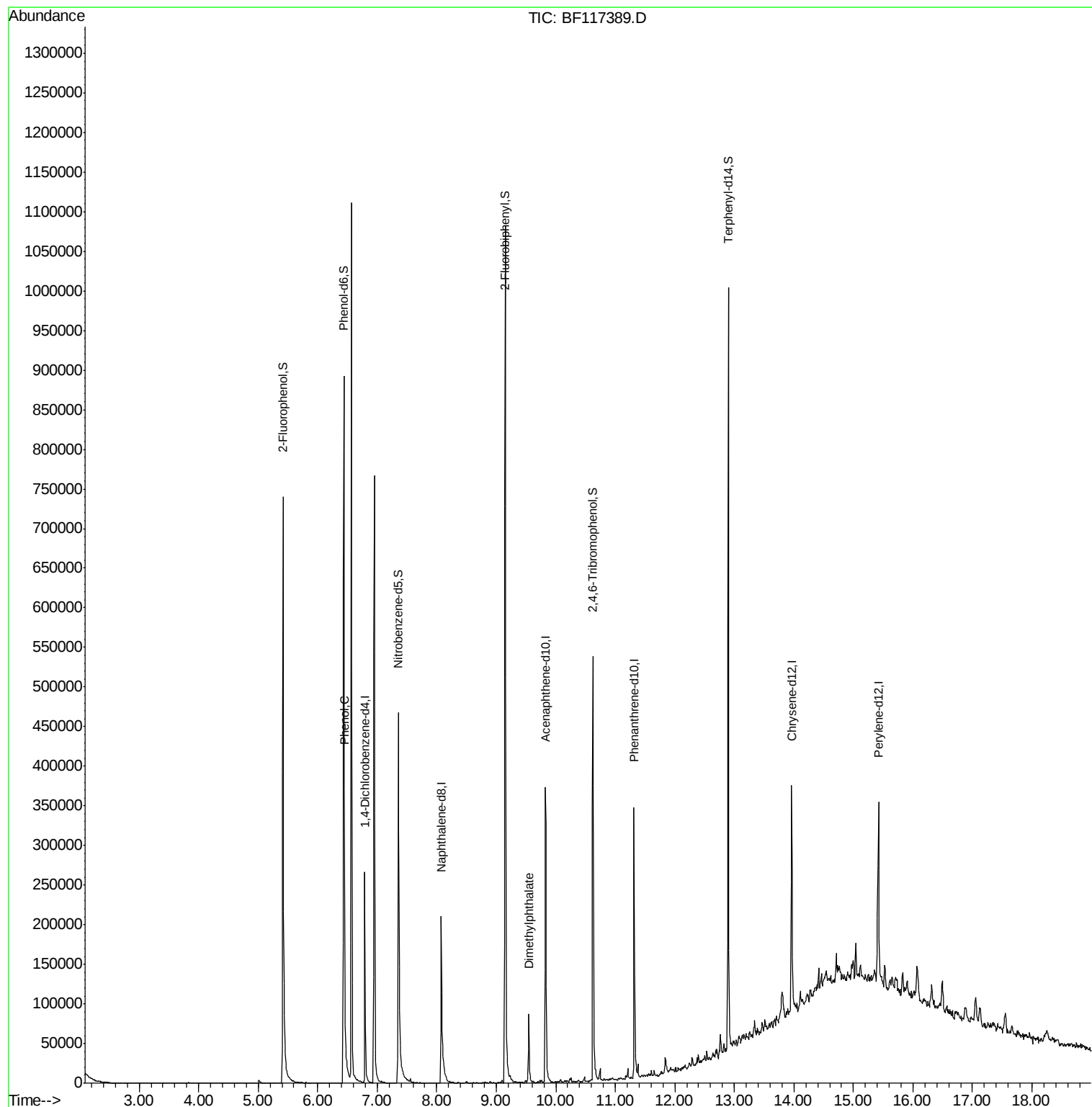
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43649	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	177561	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	93220	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	145745	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	87312	20.00	ng	-0.01
87) Perylene-d12	15.42	264	105086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	265171	94.85	ng	-0.01
7) Phenol-d6	6.44	99	361603	100.08	ng	-0.01
23) Nitrobenzene-d5	7.36	82	229274	67.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	67685	86.88	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	381194	63.94	ng	-0.01
79) Terphenyl-d14	12.90	244	302806	64.83	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	8510	2.136	ng	Qvalue 82
50) Dimethylphthalate	9.55	163	42795	6.484	ng	# 98

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

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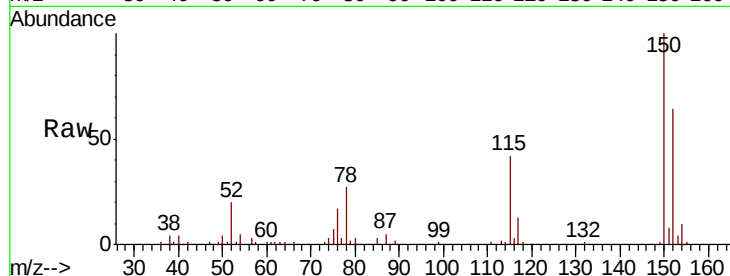


#1

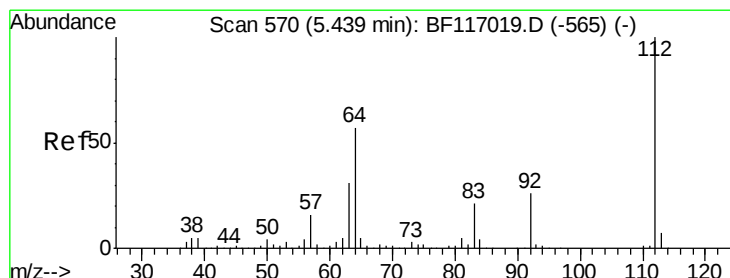
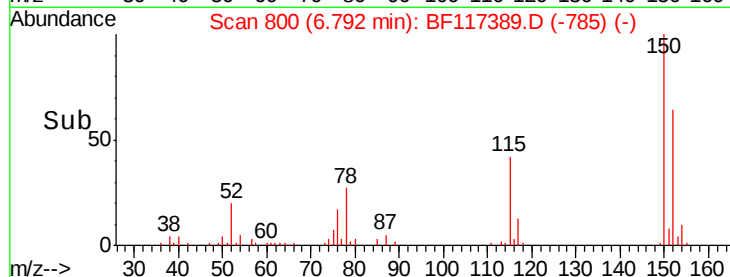
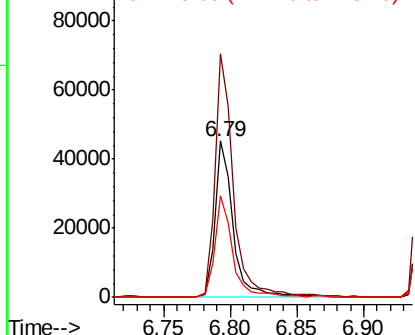
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117389.D
Acq: 13 Oct 2019 00:37

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:152 Resp: 43649
Ion Ratio Lower Upper
152 100
150 155.9 127.5 191.3
115 65.0 55.0 82.4



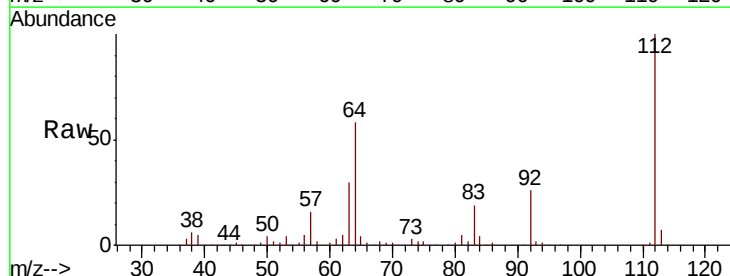
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



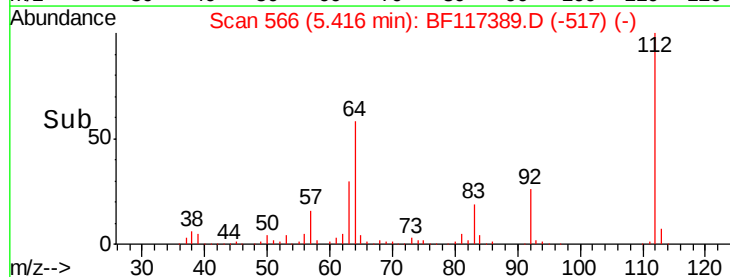
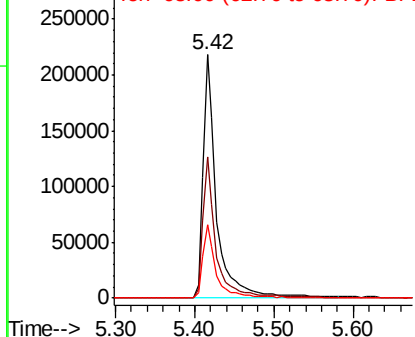
#5

2-Fluorophenol
Concen: 94.847 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF117389.D
Acq: 13 Oct 2019 00:37

Tgt Ion:112 Resp: 265171
Ion Ratio Lower Upper
112 100
64 58.2 45.7 68.5
63 30.4 24.9 37.3



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: 100.080 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

Instrument :

BNA_F

ClientSampleId :

TP-1

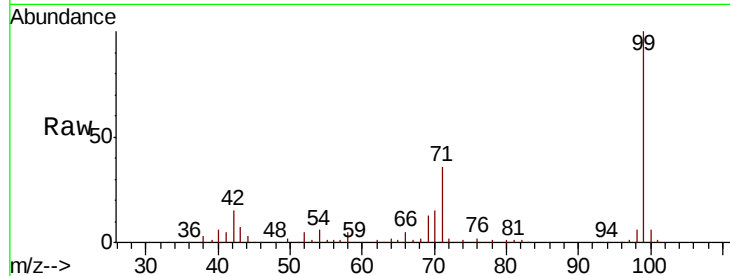
Tot Ion: 99 Resp: 361603

Ion Ratio Lower Upper

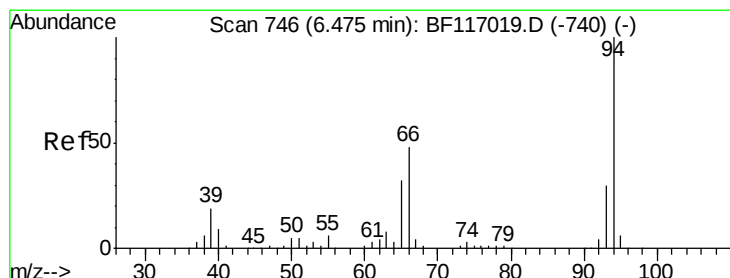
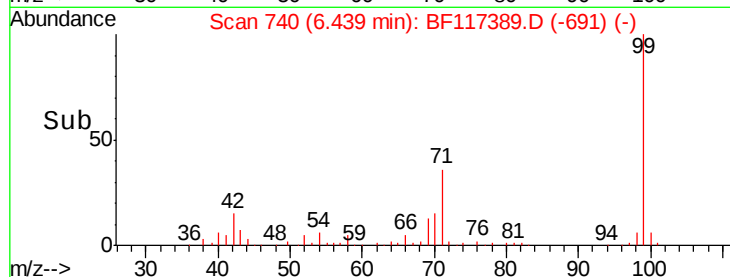
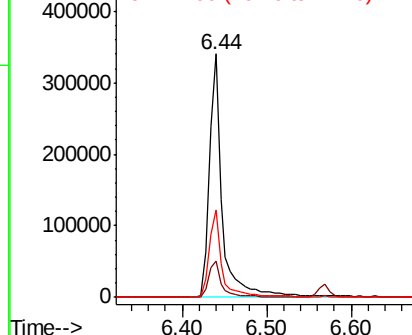
99 100

42 14.9 12.2 18.2

71 35.9 29.8 44.8



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: 2.136 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

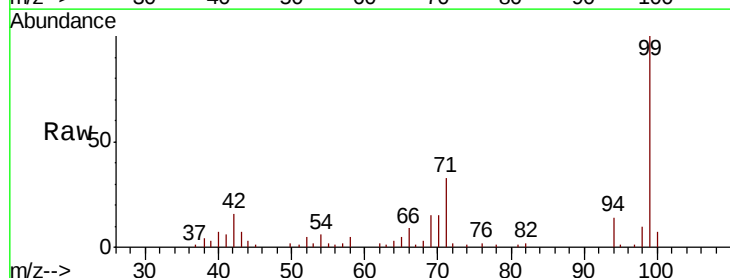
Tgt Ion: 94 Resp: 8510

Ion Ratio Lower Upper

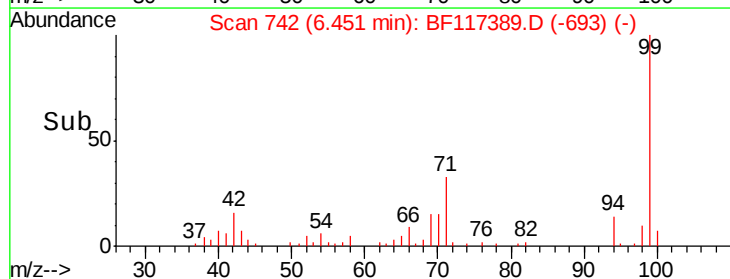
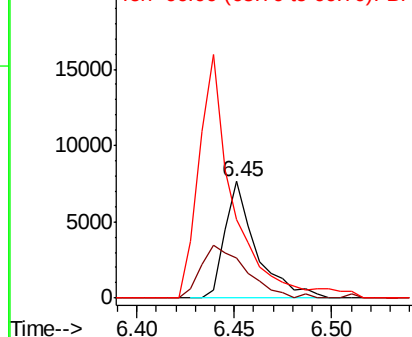
94 100

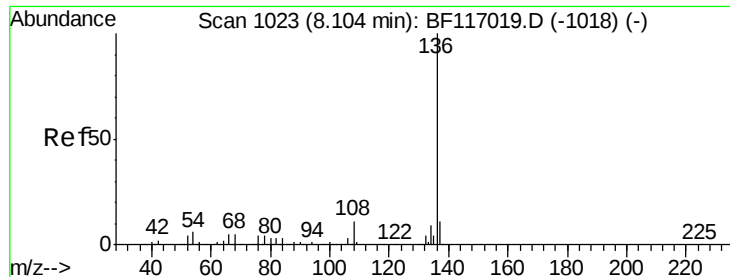
65 34.4 12.5 52.5

66 67.3 28.9 68.9



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

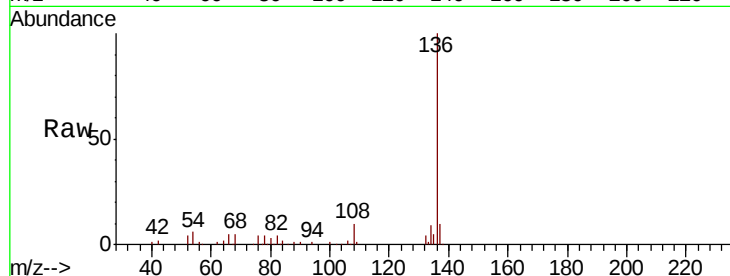




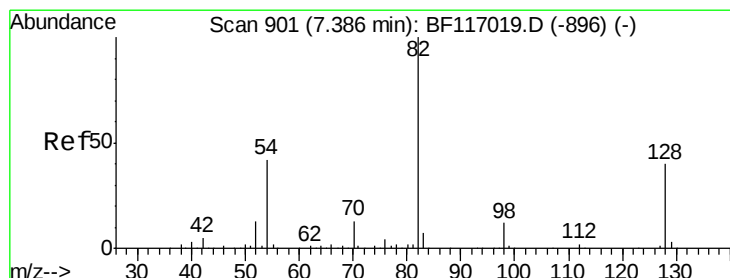
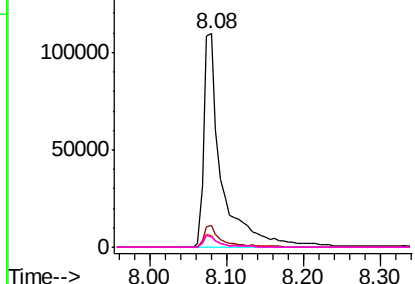
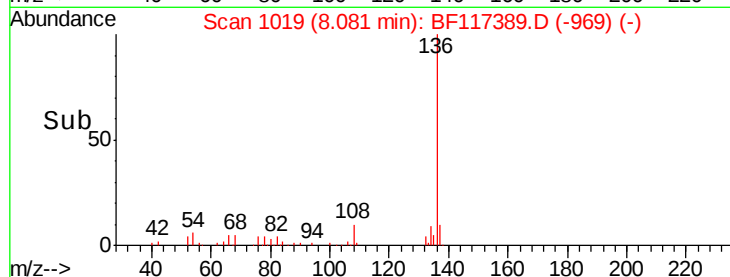
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117389.D
Acq: 13 Oct 2019 00:37

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:136	Resp:	177561
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.0 13.4
54	5.6	4.5 6.7
68	5.0	4.0 6.0

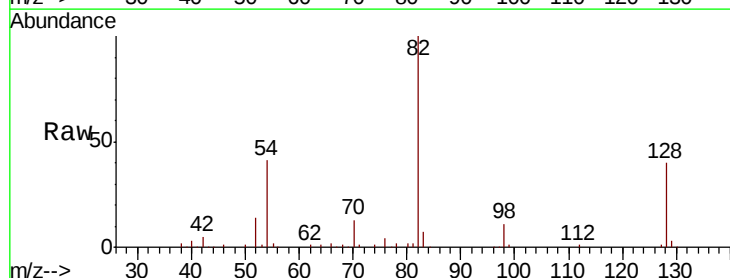


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

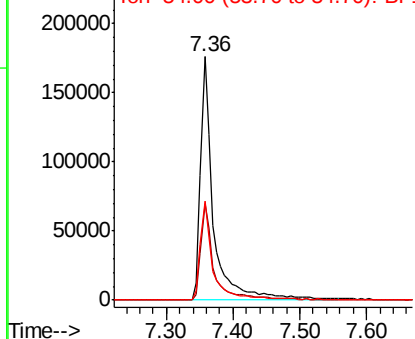
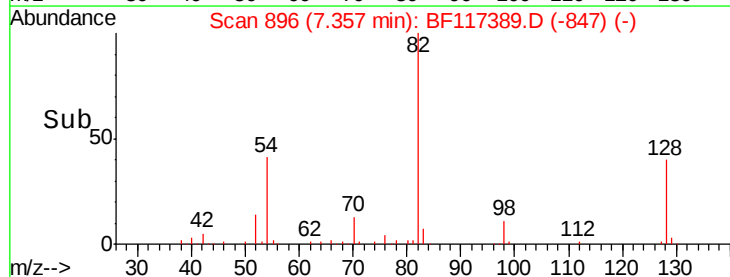


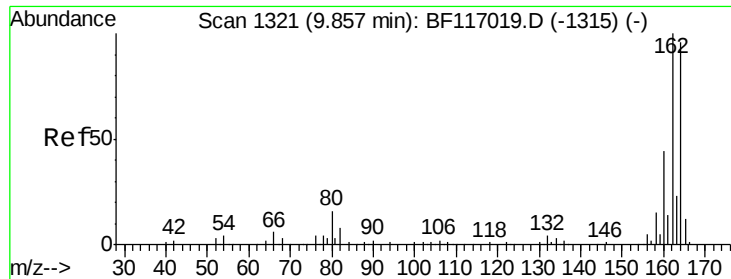
#23
Nitrobenzene-d5
Concen: 67.845 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117389.D
Acq: 13 Oct 2019 00:37

Tgt Ion: 82	Resp:	229274
Ion	Ratio	Lower Upper
82	100	
128	39.8	32.3 48.5
54	40.6	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. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

Instrument :

BNA_F

ClientSampleId :

TP-1

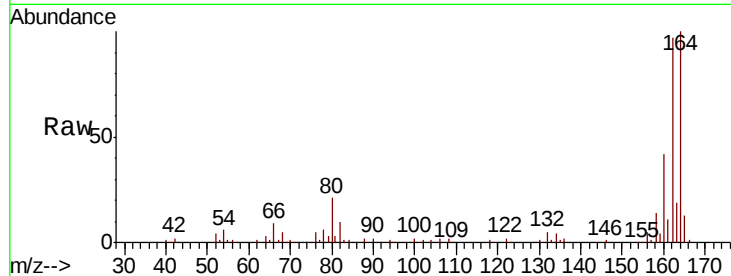
Tot Ion:164 Resp: 93220

Ion Ratio Lower Upper

164 100

162 97.3 83.4 125.2

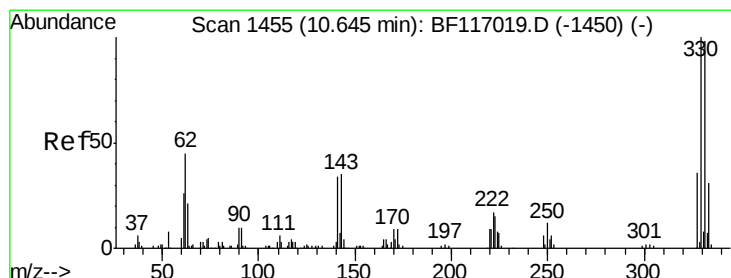
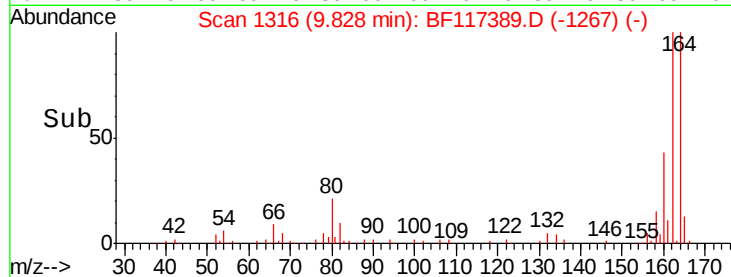
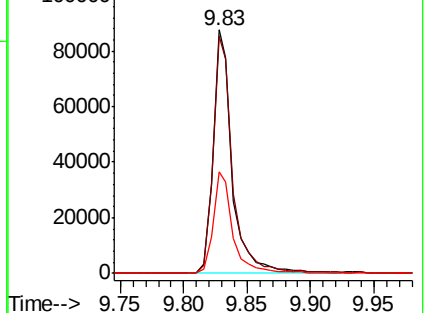
160 41.7 36.4 54.6



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: 86.875 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

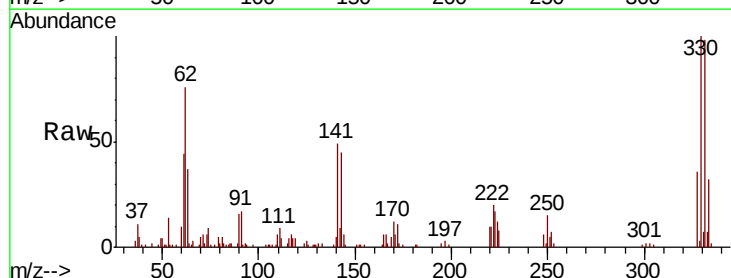
Tgt Ion:330 Resp: 67685

Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

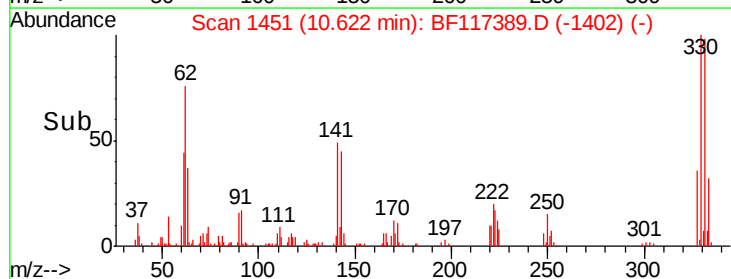
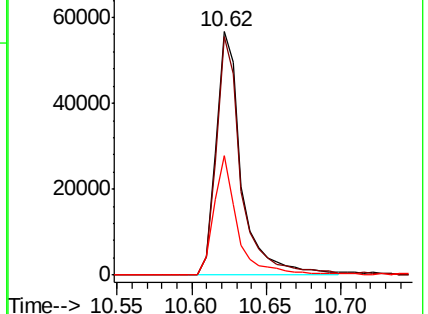
141 45.6 35.8 53.6

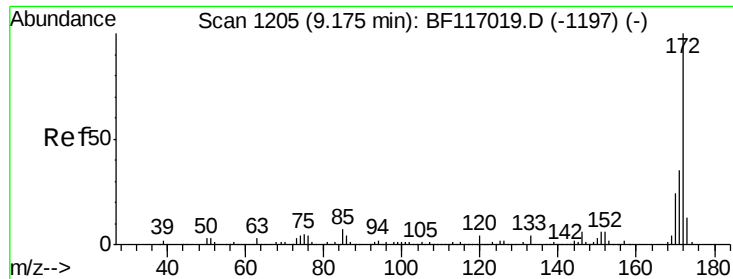


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

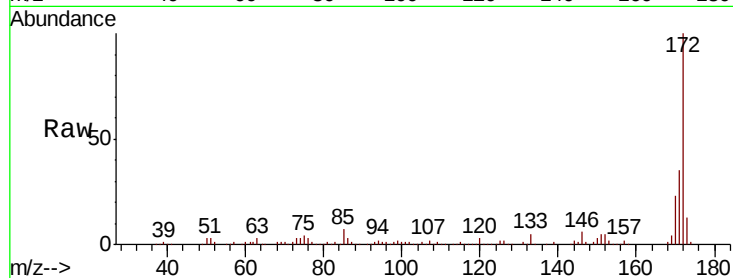




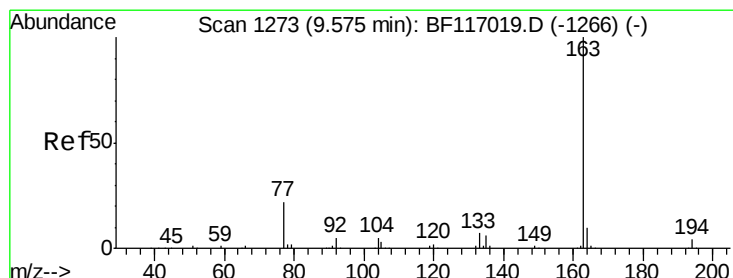
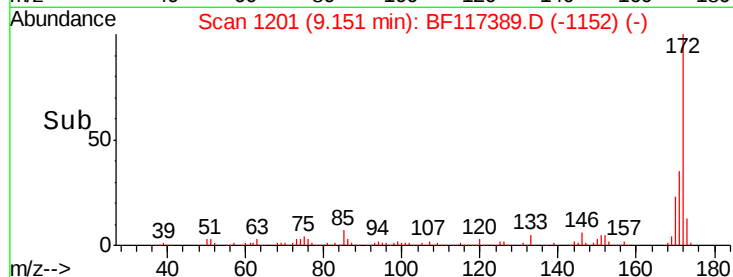
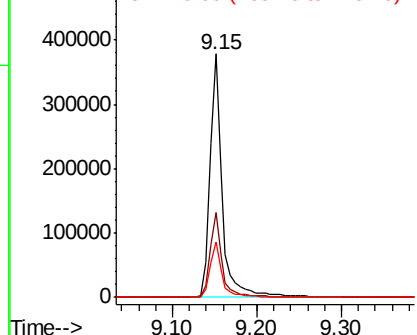
#45
2-Fluorobiphenyl
Concen: 63.938 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117389.D
Acq: 13 Oct 2019 00:37

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:172 Resp: 381194
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.0 18.9 28.3

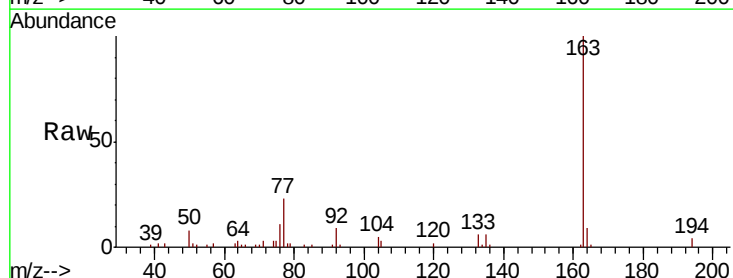


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

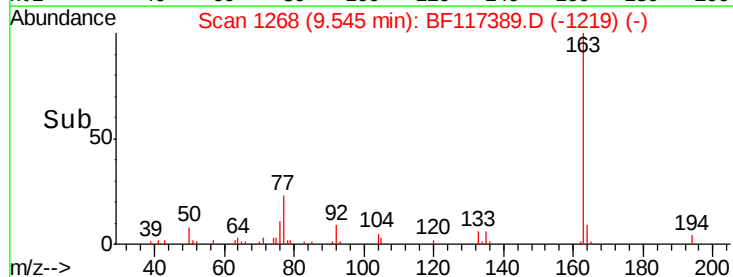
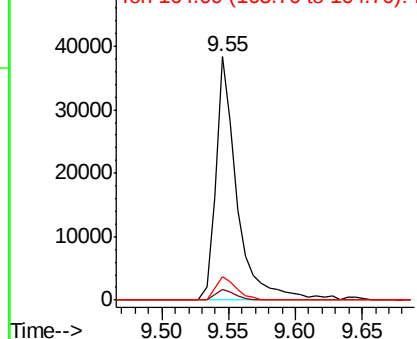


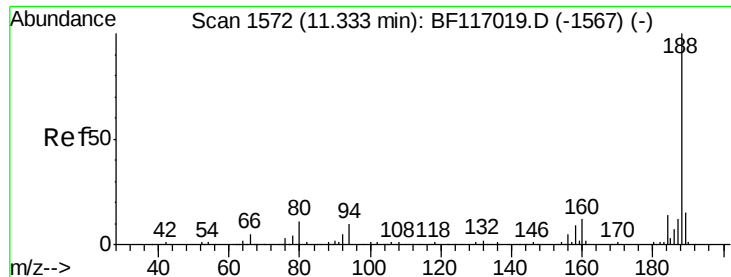
#50
Dimethylphthalate
Concen: 6.484 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117389.D
Acq: 13 Oct 2019 00:37

Tgt Ion:163 Resp: 42795
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3#
164 9.5 8.2 12.4



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. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

Instrument :

BNA_F

ClientSampleId :

TP-1

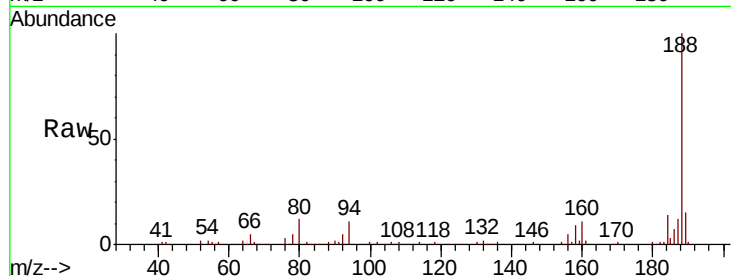
Tot Ion:188 Resp: 145745

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

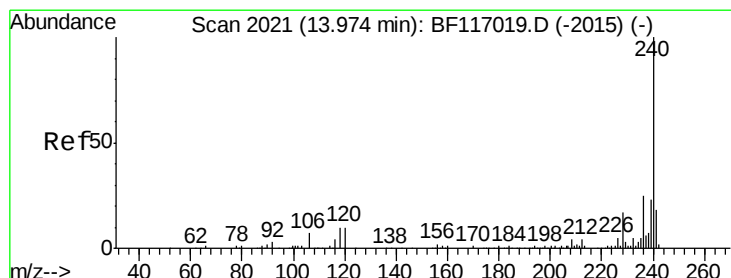
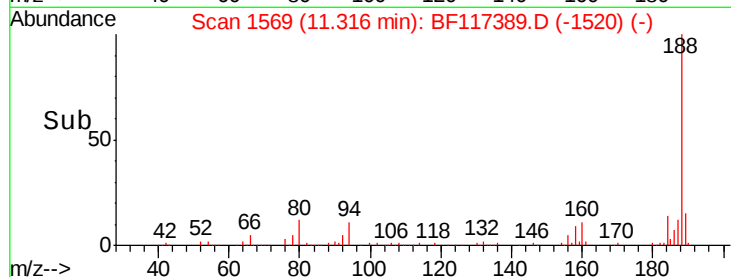
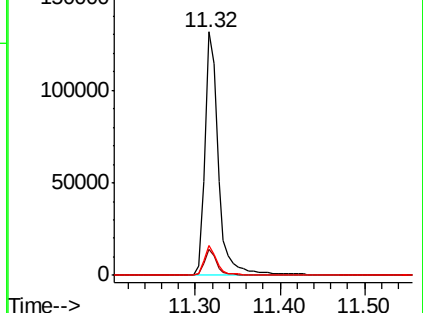
80 12.1 9.0 13.6



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# 2019

Delta R.T. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

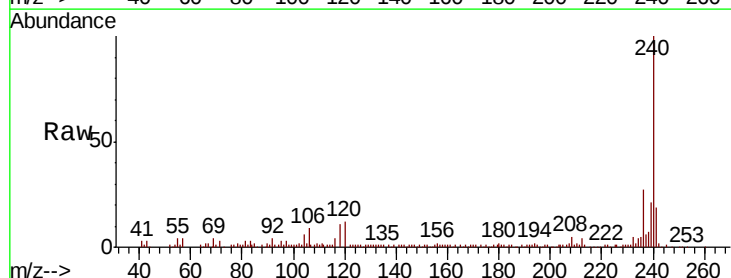
Tgt Ion:240 Resp: 87312

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

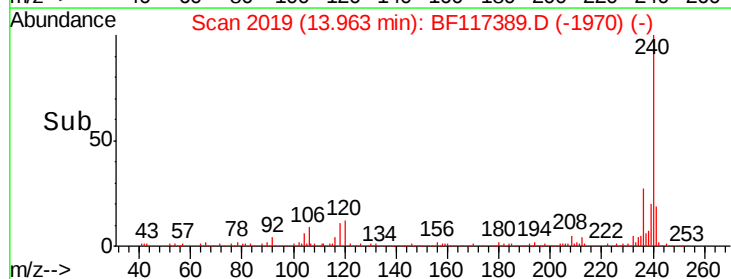
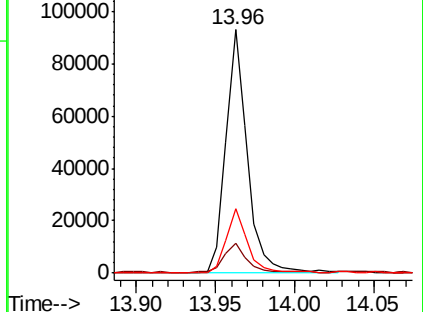
236 26.5 20.3 30.5

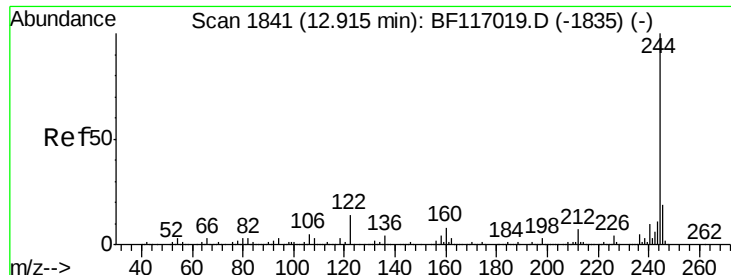


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.826 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

Instrument :

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ClientSampleId :

TP-1

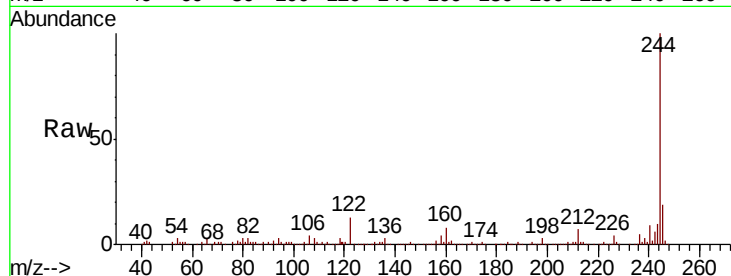
Tot Ion:244 Resp: 302806

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

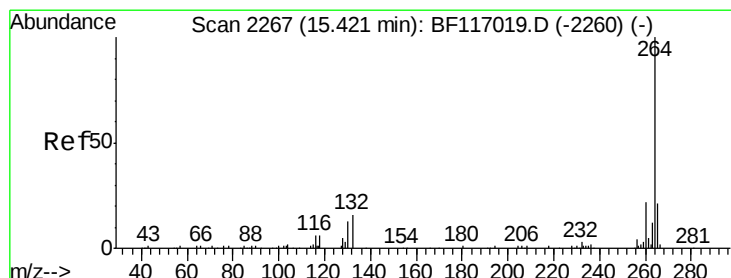
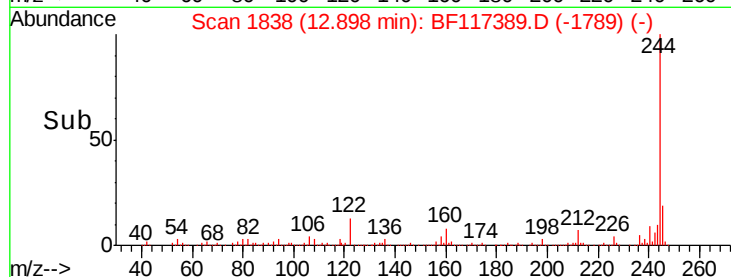
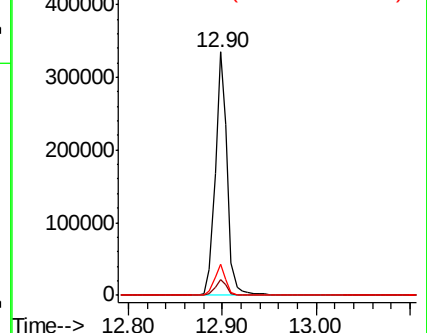
122 12.9 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117389.D

Acq: 13 Oct 2019 00:37

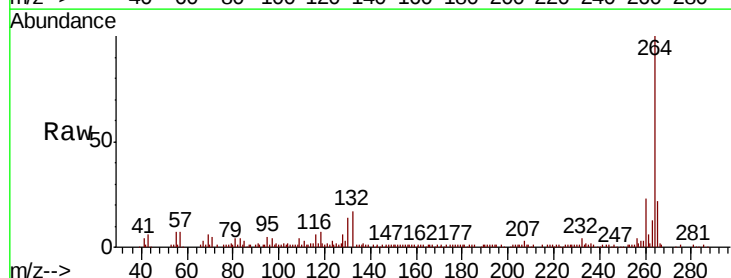
Tgt Ion:264 Resp: 105086

Ion Ratio Lower Upper

264 100

260 23.0 17.6 26.4

265 21.7 16.6 24.8



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

