

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111571.D
 Acq On : 18 Dec 2018 6:59
 Operator : JU/SJ
 Sample : J6403-56
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-B

Quant Time: Dec 18 07:29:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148409	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	585262	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	256424	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	337009	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	392664	20.00	ng	0.00
87) Perylene-d12	15.38	264	297853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1100171	123.36	ng	0.02
7) Phenol-d6	6.44	99	1277135	107.66	ng	0.00
23) Nitrobenzene-d5	7.35	82	926288	94.25	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	274765	119.62	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1706408	102.79	ng	-0.01
79) Terphenyl-d14	12.89	244	1574146	94.14	ng	0.00

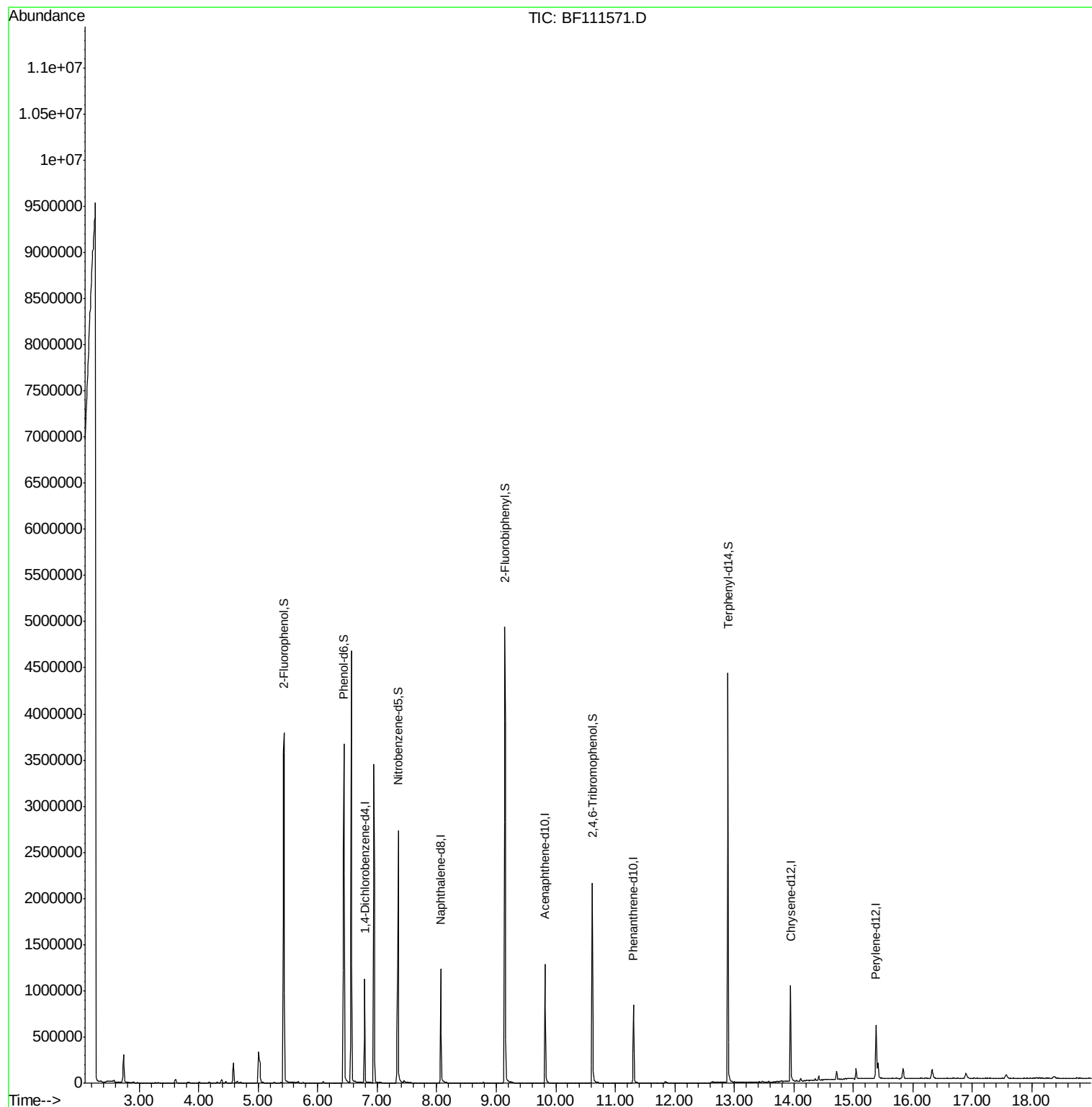
Target Compounds Qvalue

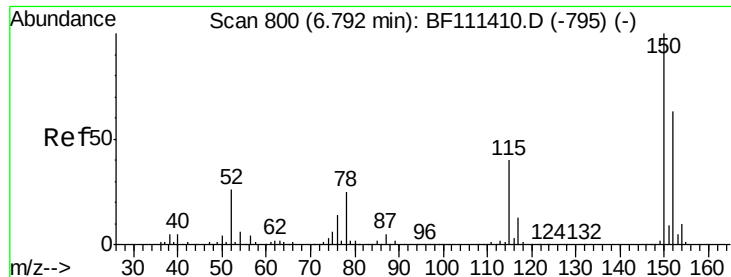
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-7-B

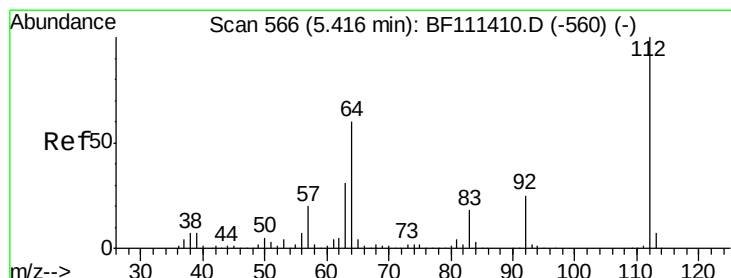
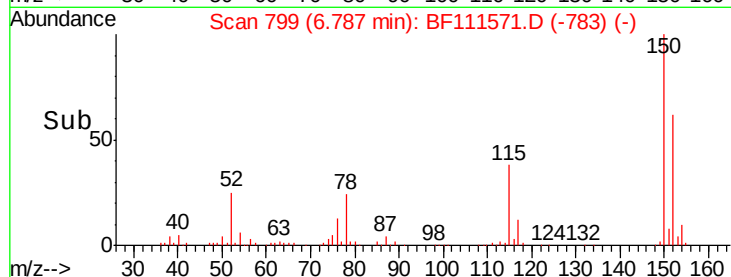
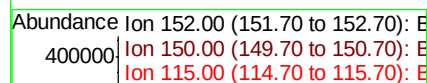
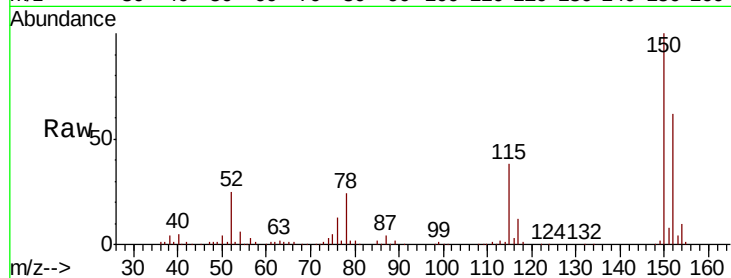
Tot Ion:152 Resp: 148409

Ion Ratio Lower Upper

152 100

150 162.4 126.6 189.8

115 62.4 50.7 76.1



#5

2-Fluorophenol

Concen: 123.358 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

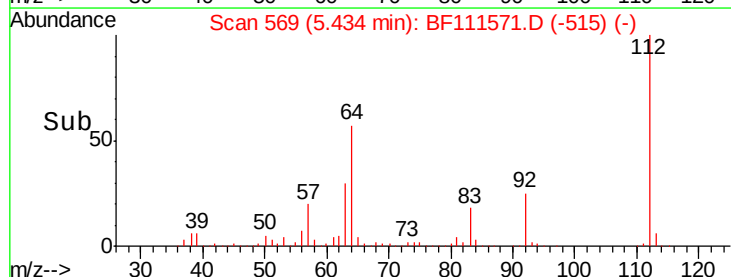
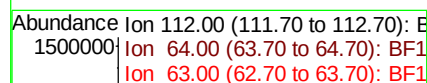
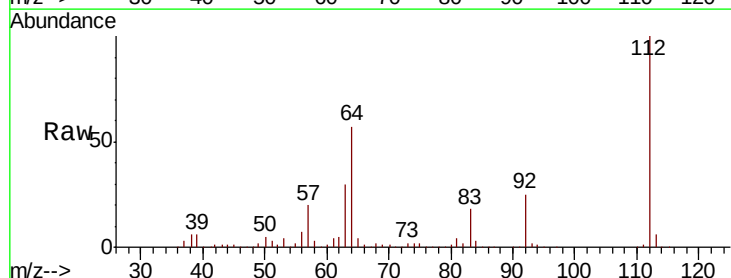
Tgt Ion:112 Resp: 1100171

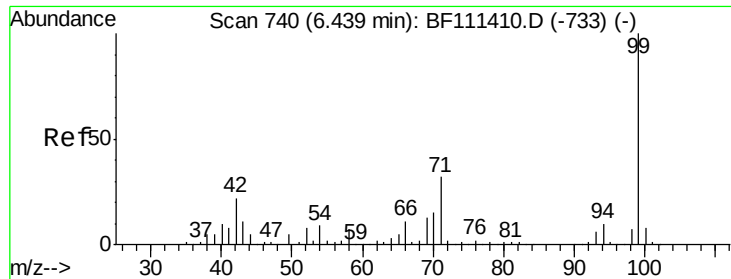
Ion Ratio Lower Upper

112 100

64 57.5 51.8 77.6

63 30.3 26.8 40.2





#7

Phenol-d6

Concen: 107.656 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

Instrument :

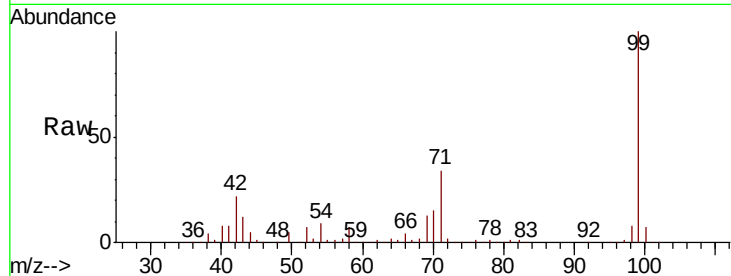
BNA_F

ClientSampleId :

TP-7-B

Tot Ion: 99 Resp: 1277135

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	33.9	26.1	39.1

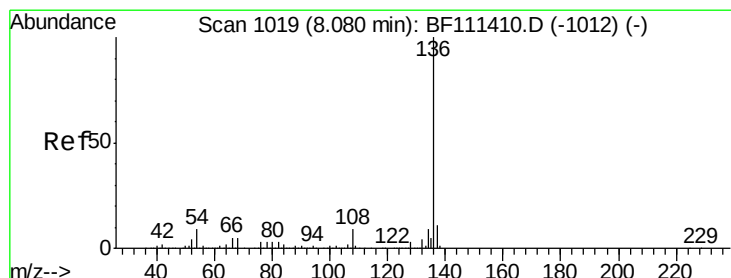
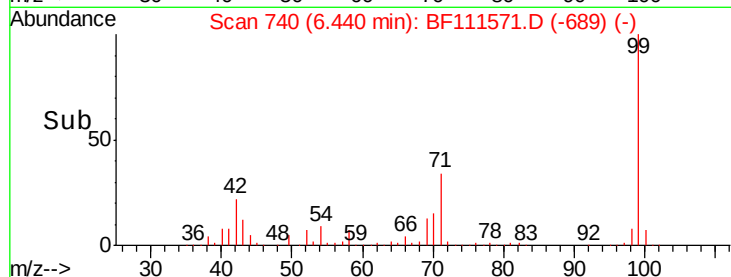
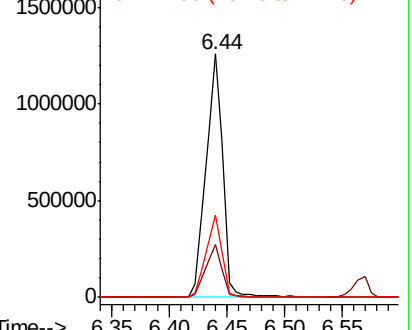


Abundance

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# 1017

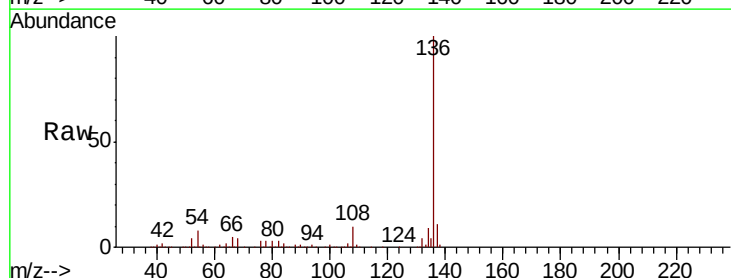
Delta R.T. -0.01 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

Tgt Ion: 136 Resp: 585262

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.3	7.7	11.5
68	4.5	4.9	7.3#



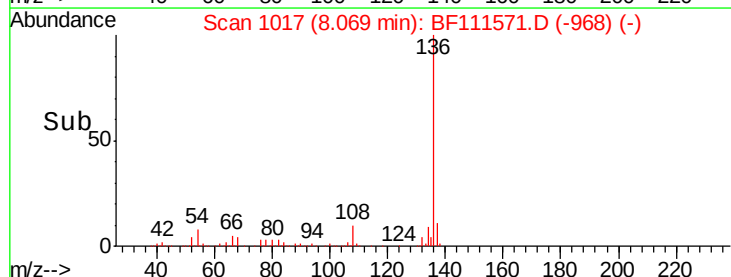
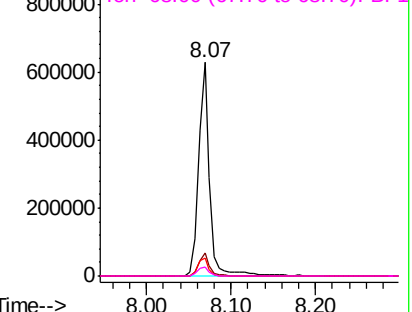
Abundance

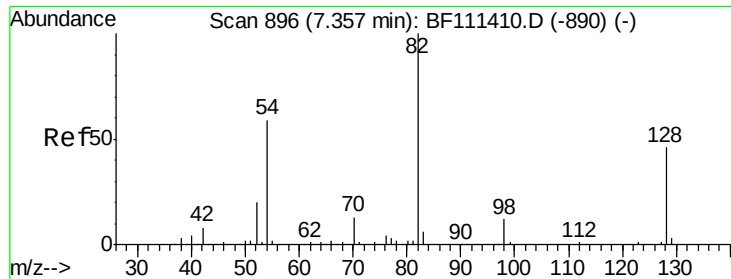
Ion 136.00 (135.70 to 136.70): E

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

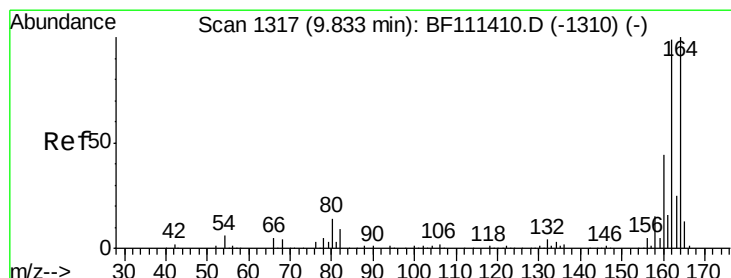
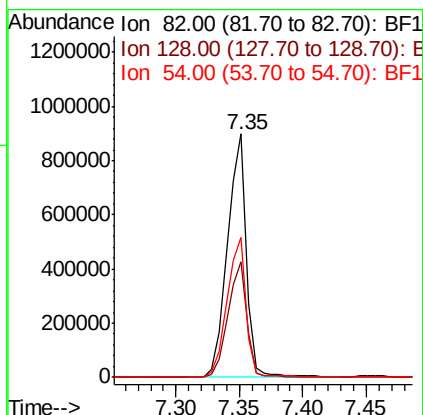
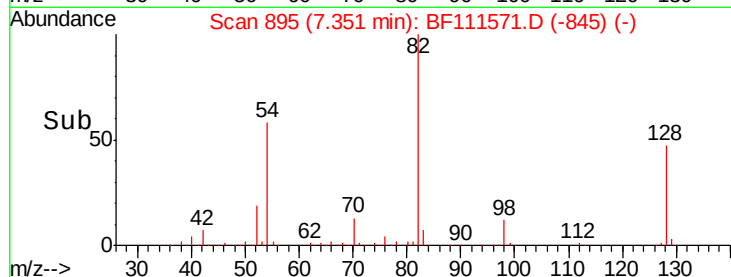
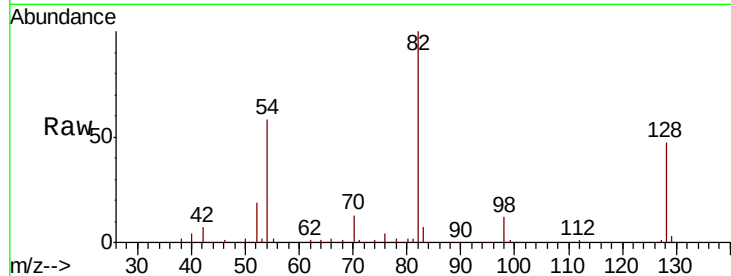




#23
Nitrobenzene-d5
Concen: 94.247 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

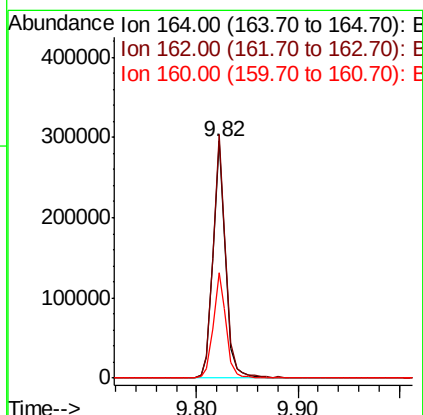
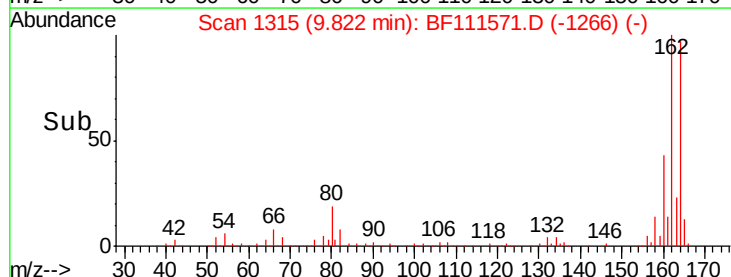
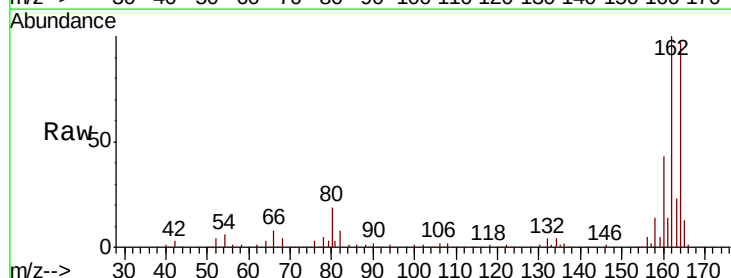
Instrument :
BNA_F
ClientSampleId :
TP-7-B

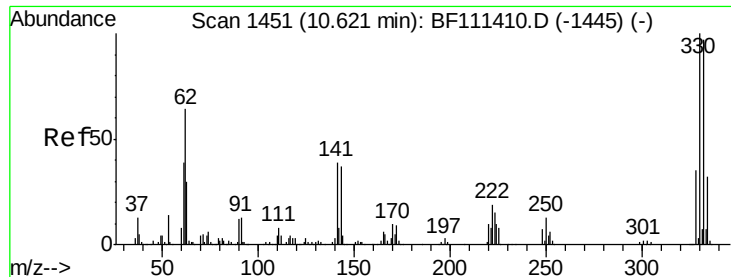
Tot Ion: 82 Resp: 926288
Ion Ratio Lower Upper
82 100
128 47.3 37.4 56.2
54 57.7 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

Tgt Ion: 164 Resp: 256424
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.5 35.7 53.5

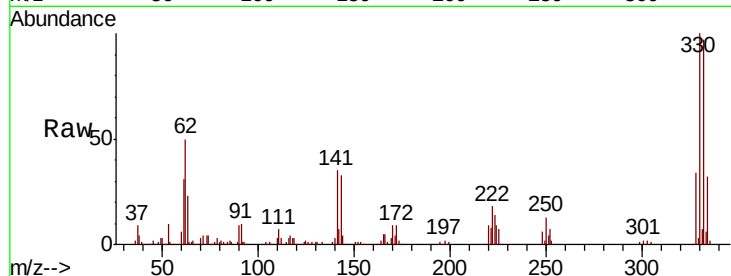




#42
 2,4,6-Tribromophenol
 Concen: 119.618 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111571.D
 Acq: 18 Dec 2018 6:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	38.7	31.0	46.6

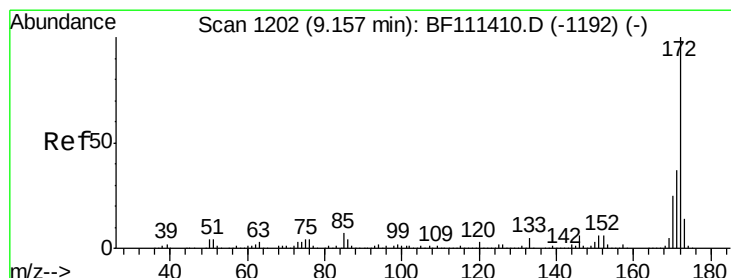
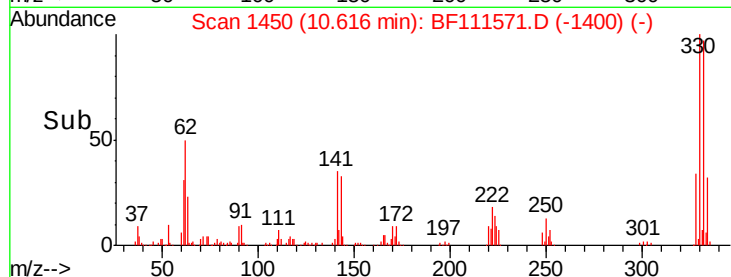
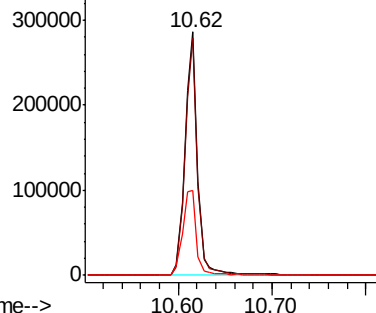


Abundance

Ion 329.80 (329.50 to 330.50): E

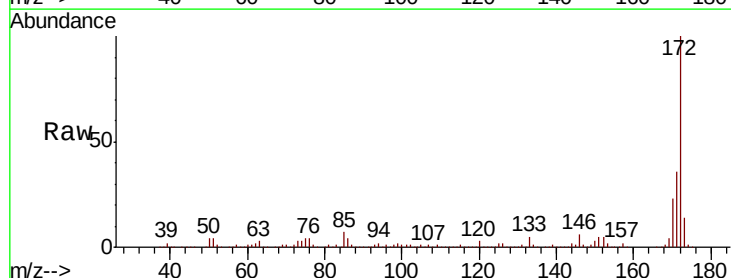
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.790 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111571.D
 Acq: 18 Dec 2018 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	23.5	22.3	33.5

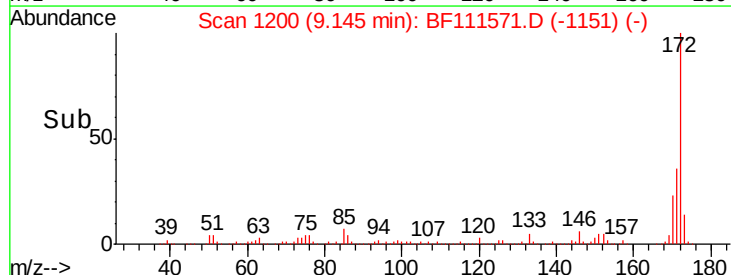
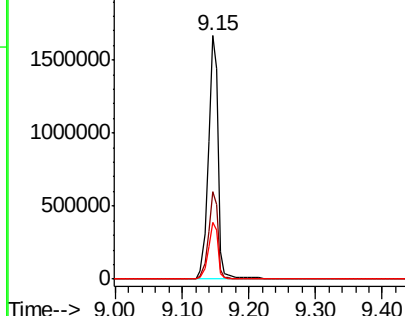


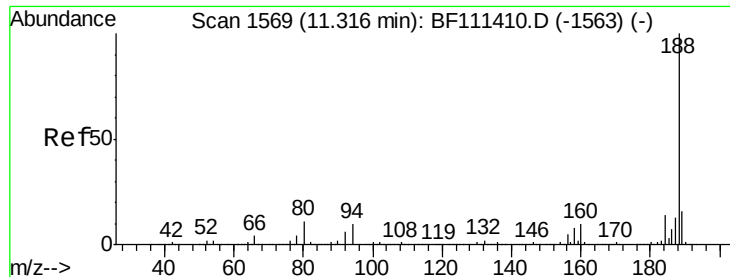
Abundance

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: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-7-B

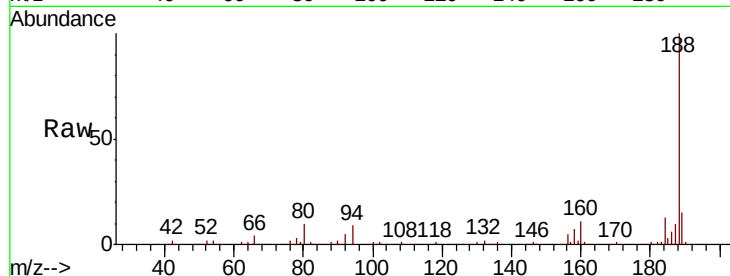
Tot Ion:188 Resp: 337009

Ion Ratio Lower Upper

188 100

94 9.1 9.6 14.4#

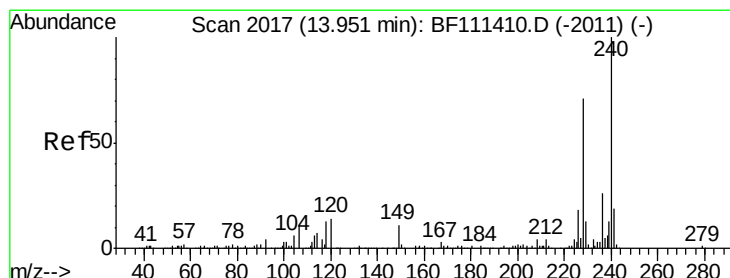
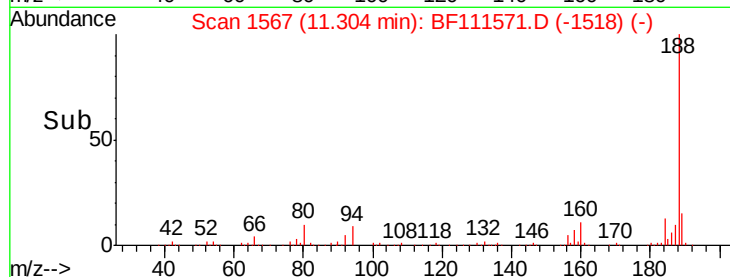
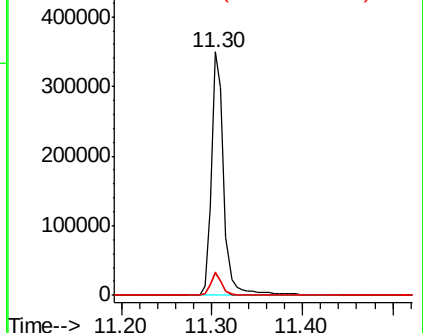
80 9.5 9.8 14.6#



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

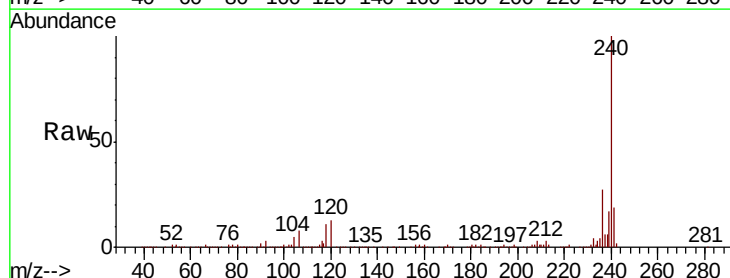
Tgt Ion:240 Resp: 392664

Ion Ratio Lower Upper

240 100

120 12.5 12.2 18.2

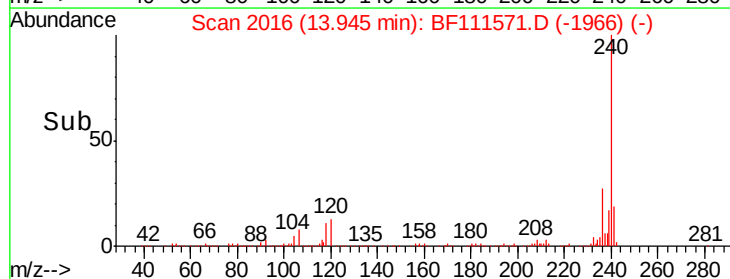
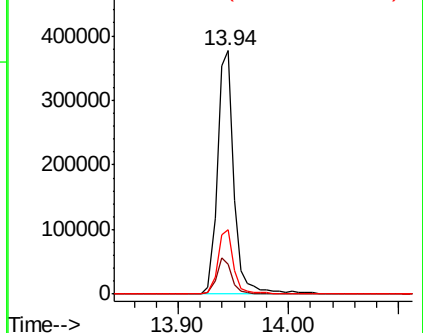
236 26.7 20.2 30.2

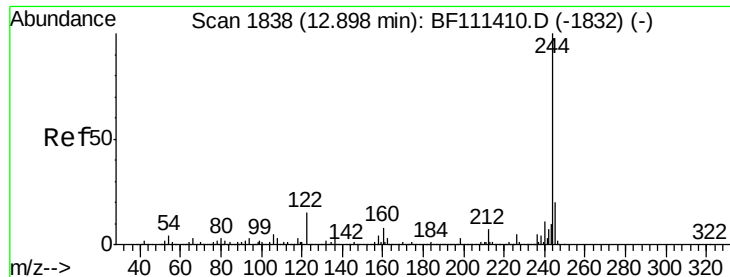


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.138 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-7-B

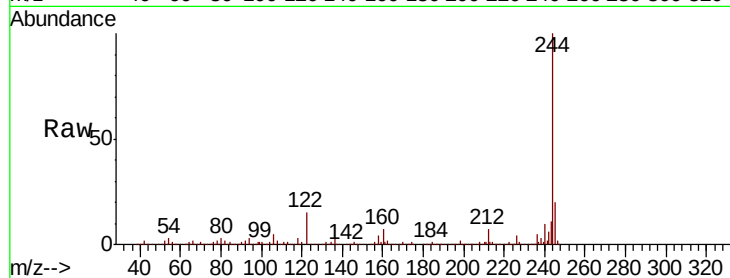
Tot Ion:244 Resp: 1574146

Ion Ratio Lower Upper

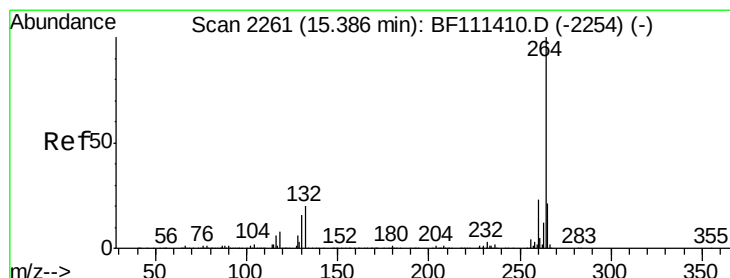
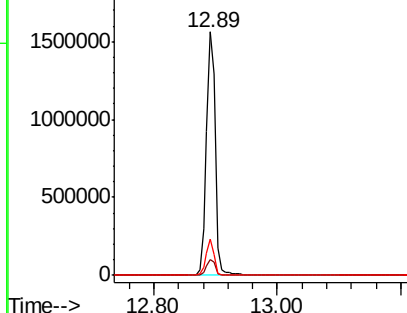
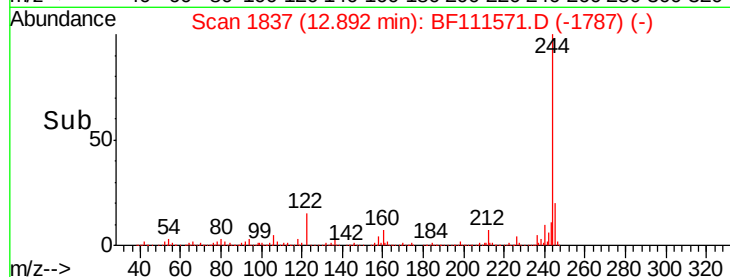
244 100

212 6.5 5.7 8.5

122 14.7 13.1 19.7



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

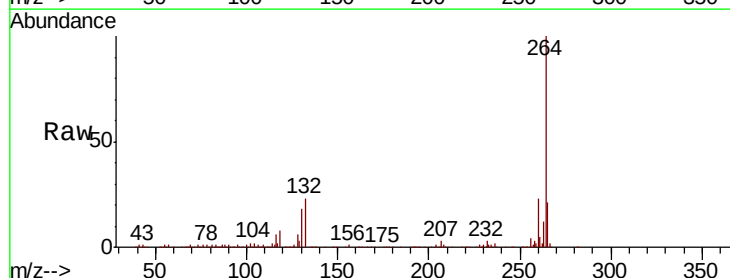
Tgt Ion:264 Resp: 297853

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 20.8 17.7 26.5



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

