

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111573.D
 Acq On : 18 Dec 2018 7:54
 Operator : JU/SJ
 Sample : J6403-64
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-B

Quant Time: Dec 18 10:28:53 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	121258	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	487960	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	198529	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	476941	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	368542	20.00	ng	0.00
87) Perylene-d12	15.38	264	285353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	925267	126.98	ng	0.01
7) Phenol-d6	6.44	99	1135805	117.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	810522	98.91	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	215347	121.09	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1368278	106.46	ng	-0.01
79) Terphenyl-d14	12.89	244	1506827	96.01	ng	0.00

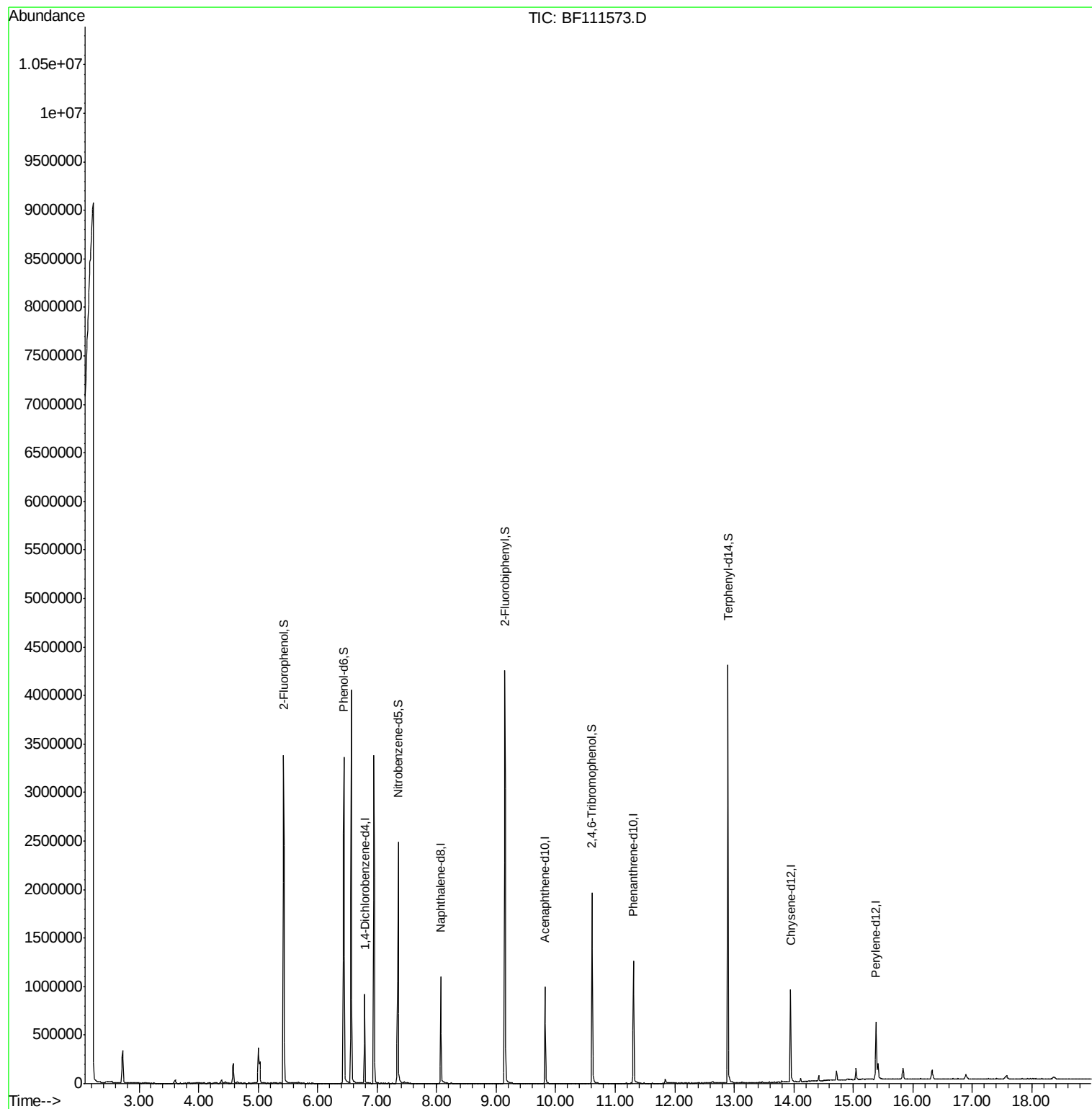
Target Compounds Qvalue

(#) = 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: BF111573.D

Acq: 18 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

TP-8-B

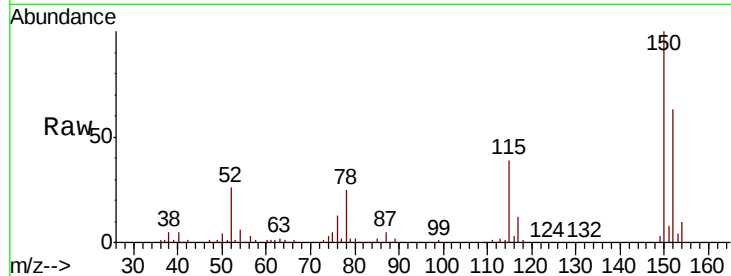
Tot Ion:152 Resp: 121258

Ion Ratio Lower Upper

152 100

150 159.5 126.6 189.8

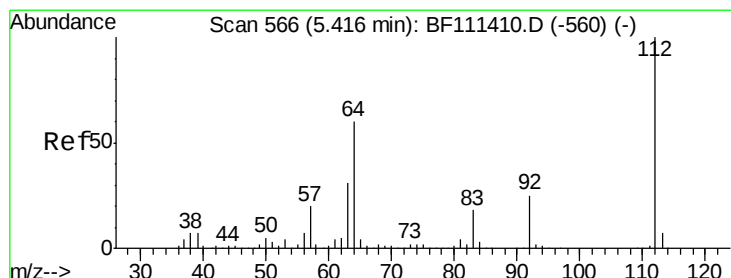
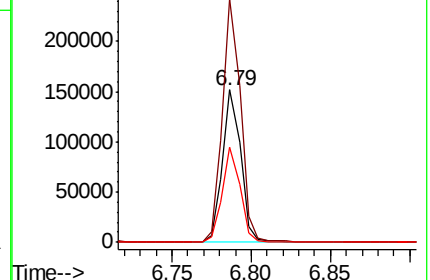
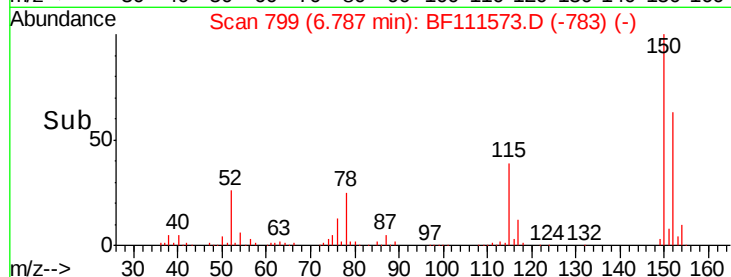
115 62.6 50.7 76.1



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: 126.977 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

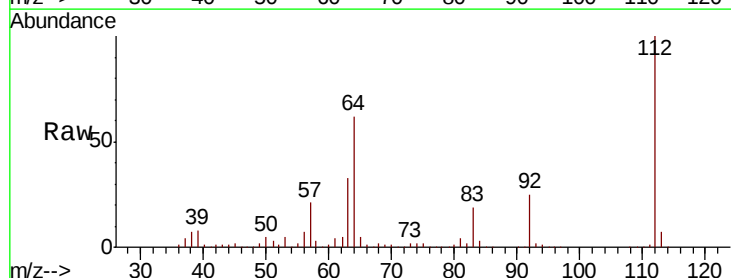
Tgt Ion:112 Resp: 925267

Ion Ratio Lower Upper

112 100

64 62.2 51.8 77.6

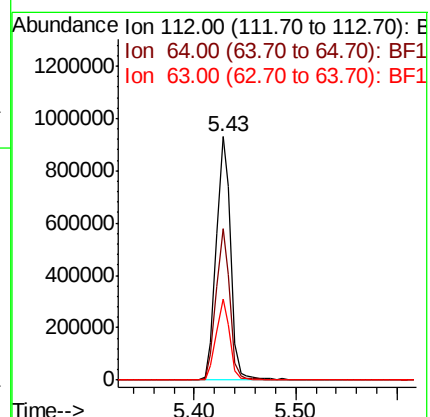
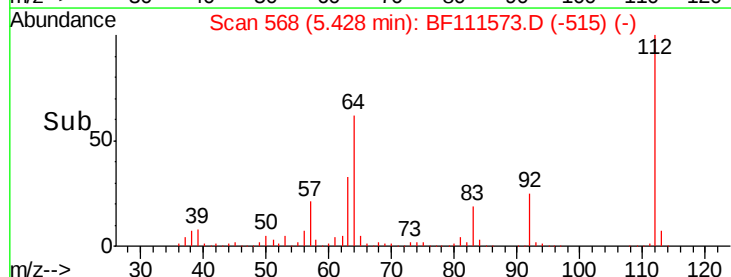
63 33.1 26.8 40.2



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: 117.180 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

Instrument :

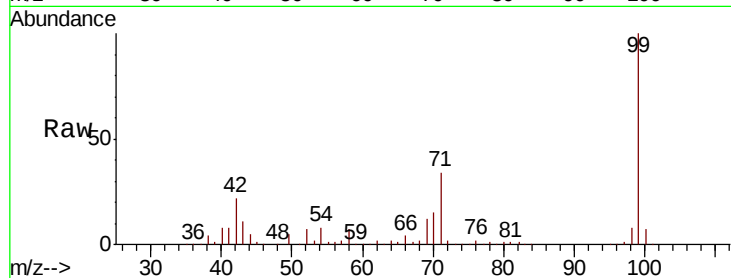
BNA_F

ClientSampleId :

TP-8-B

Tot Ion: 99 Resp: 1135805

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.0
71	33.8	26.1	39.1

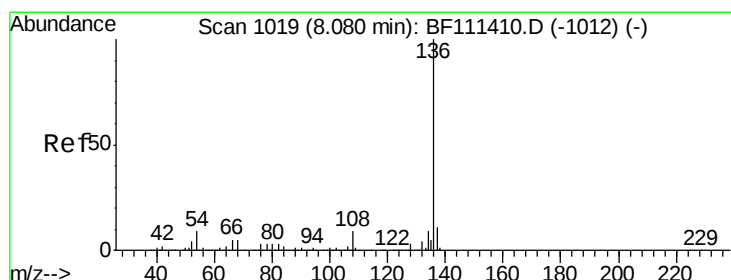
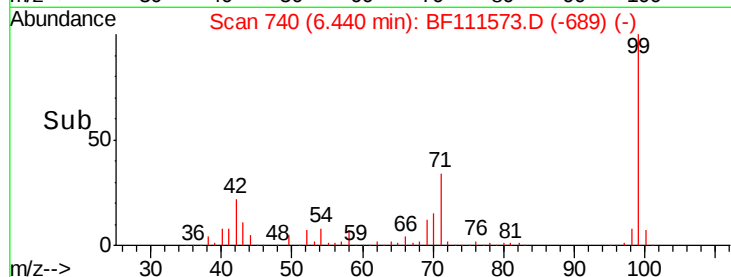


Abundance

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

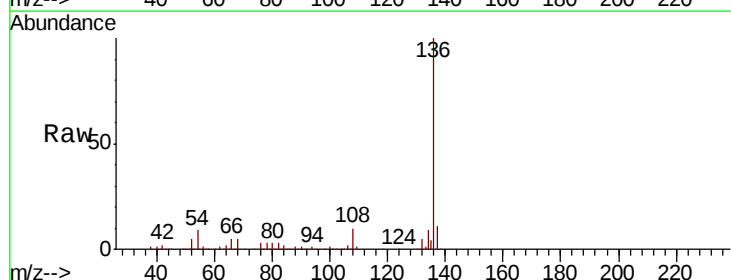
Delta R.T. -0.01 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

Tgt Ion: 136 Resp: 487960

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.8	7.7	11.5
68	4.6	4.9	7.3#



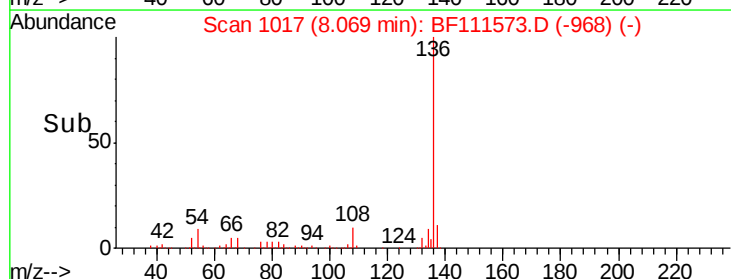
Abundance

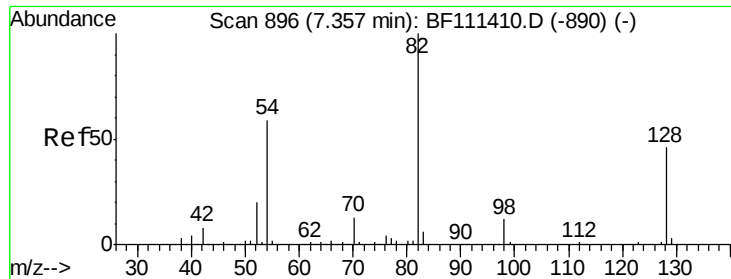
Ion 136.00 (135.70 to 136.70): E

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

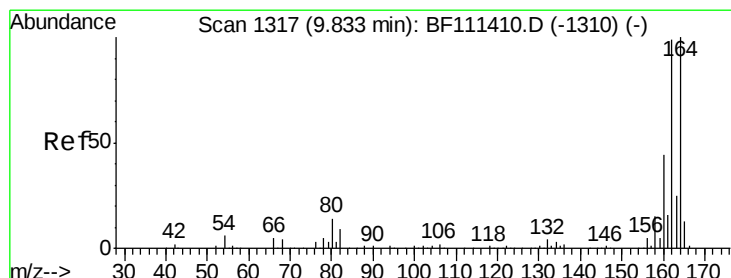
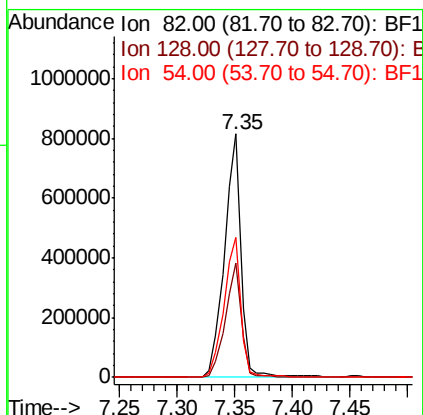
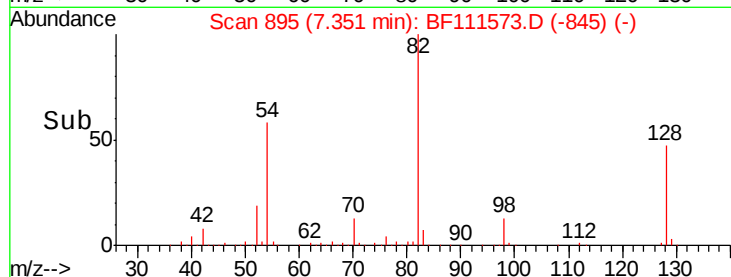
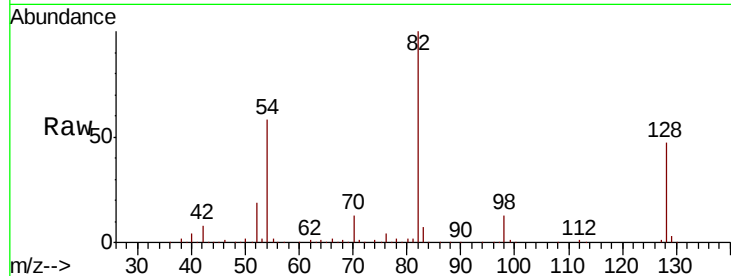




#23
 Nitrobenzene-d5
 Concen: 98.913 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

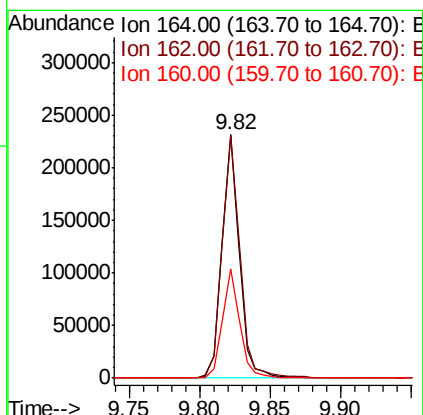
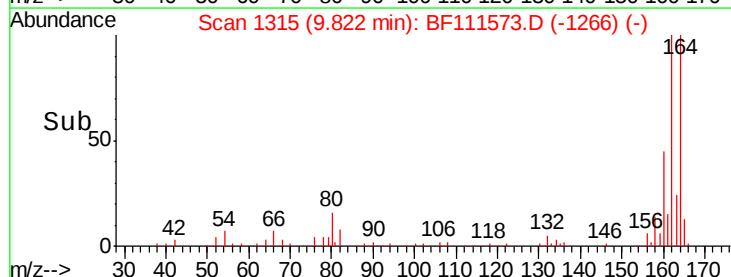
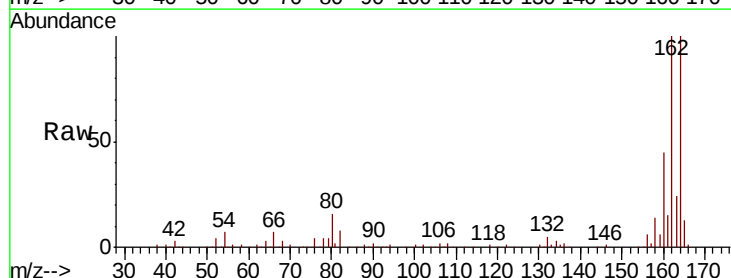
Instrument :
 BNA_F
 ClientSampled :
 TP-8-B

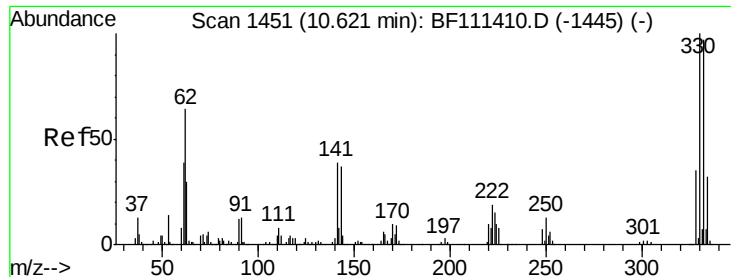
Tot Ion: 82 Resp: 810522
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.4 56.2
 54 57.7 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

Tgt Ion: 164 Resp: 198529
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.4 122.0
 160 45.1 35.7 53.5

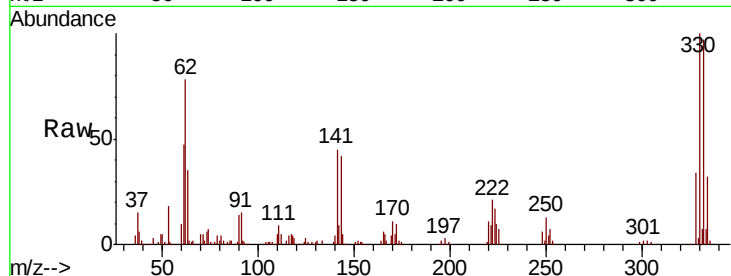




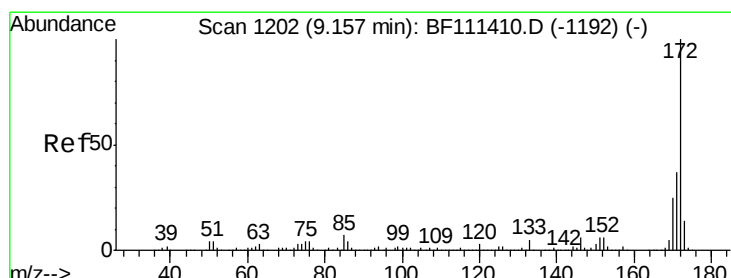
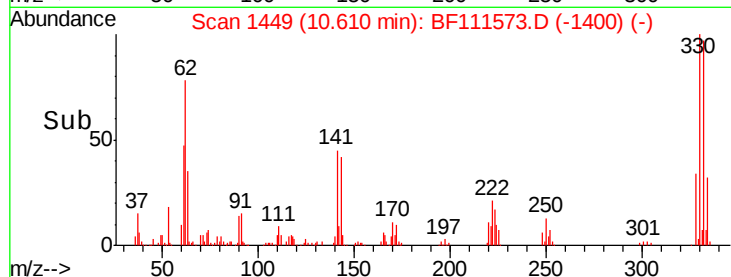
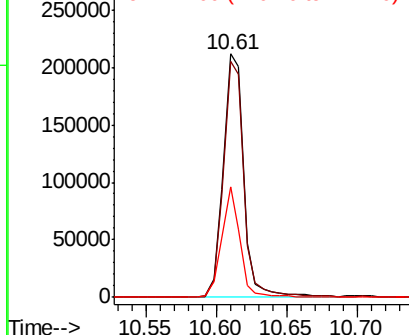
#42
 2,4,6-Tribromophenol
 Concen: 121.090 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-B

Tot Ion:330 Resp: 215347
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 40.5 31.0 46.6

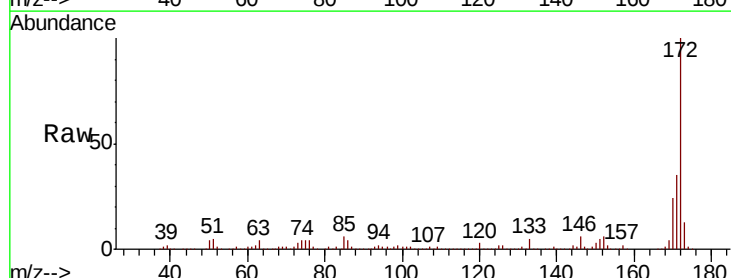


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

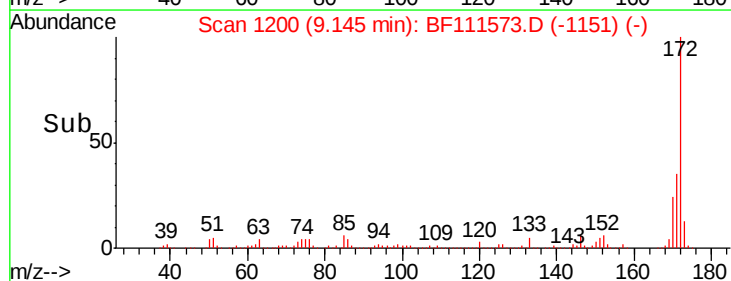
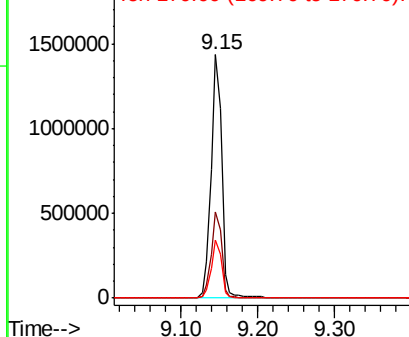


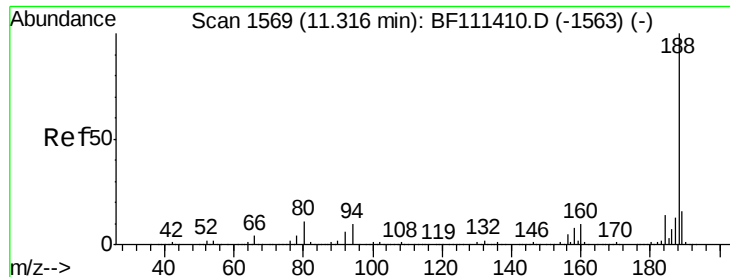
#45
 2-Fluorobiphenyl
 Concen: 106.458 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111573.D
 Acq: 18 Dec 2018 7:54

Tgt Ion:172 Resp: 1368278
 Ion Ratio Lower Upper
 172 100
 171 35.2 33.0 49.4
 170 23.7 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

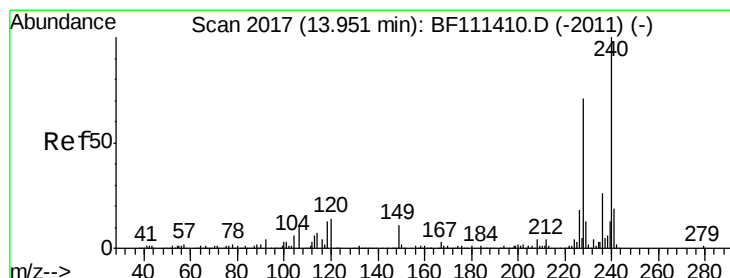
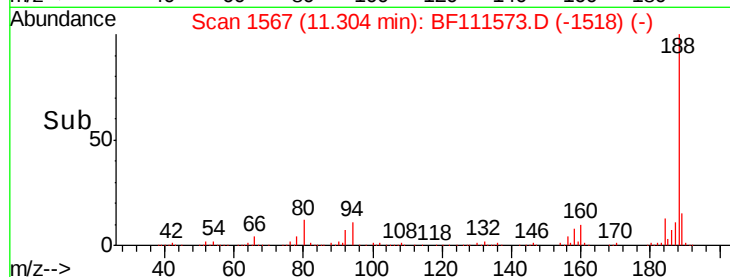
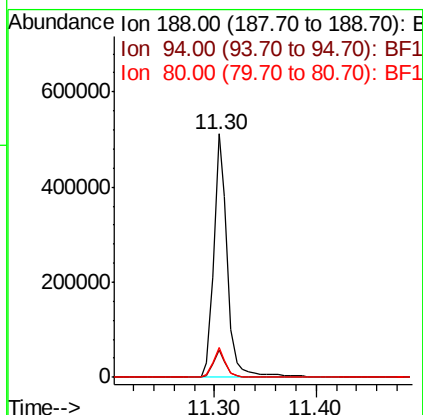
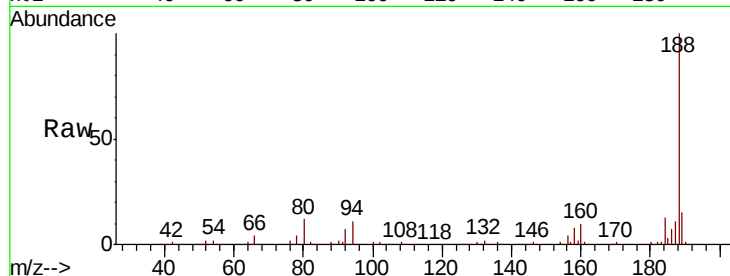




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

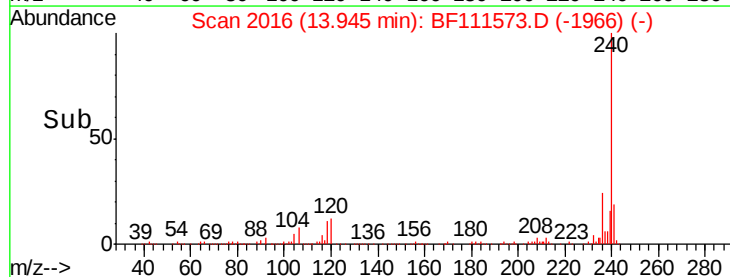
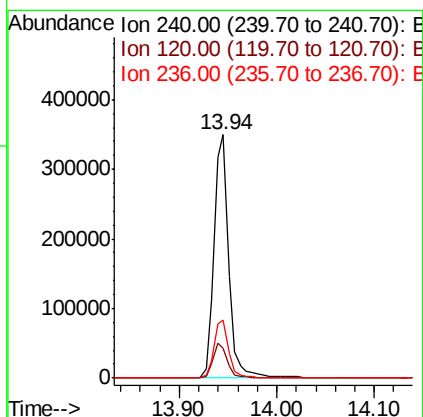
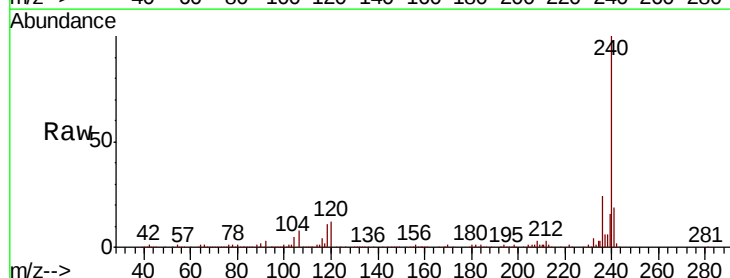
Instrument :
BNA_F
ClientSampleId :
TP-8-B

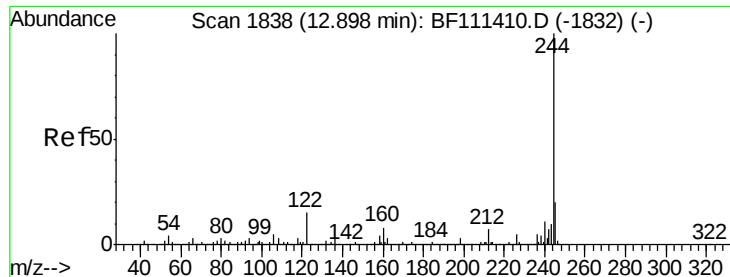
Tot Ion:188 Resp: 476941
Ion Ratio Lower Upper
188 100
94 11.3 9.6 14.4
80 12.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111573.D
Acq: 18 Dec 2018 7:54

Tgt Ion:240 Resp: 368542
Ion Ratio Lower Upper
240 100
120 12.1 12.2 18.2#
236 23.7 20.2 30.2





#79

Terphenyl-d14

Concen: 96.010 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111573.D

Acq: 18 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

TP-8-B

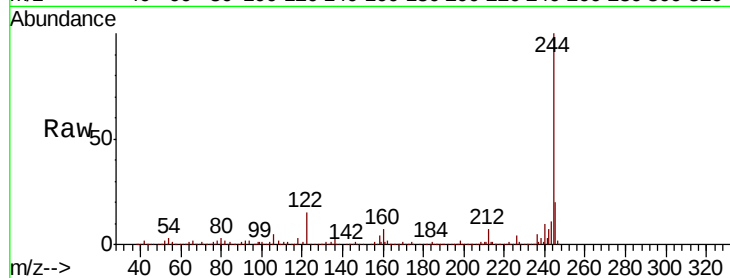
Tot Ion:244 Resp: 1506827

Ion Ratio Lower Upper

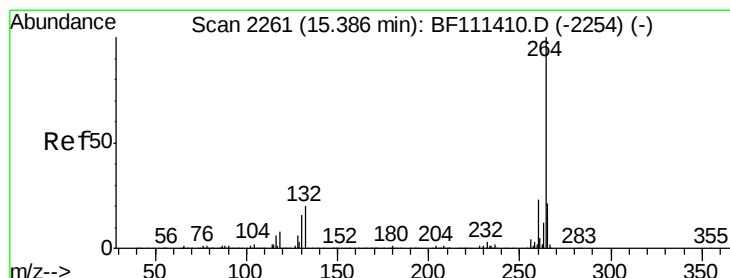
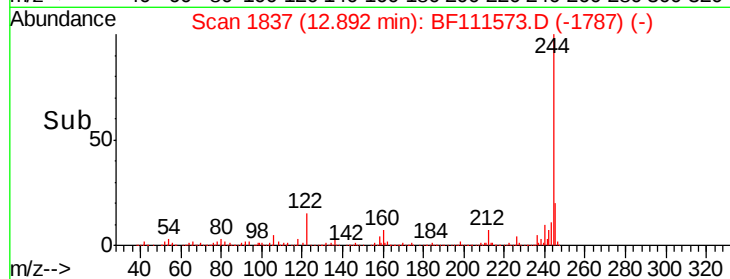
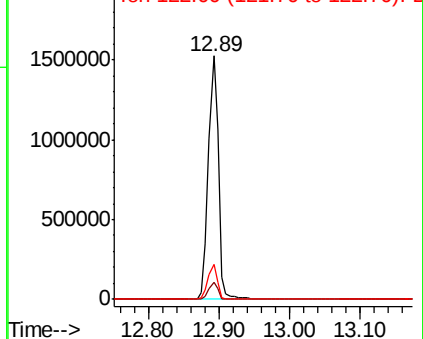
244 100

212 6.8 5.7 8.5

122 14.6 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: BF111573.D

Acq: 18 Dec 2018 7:54

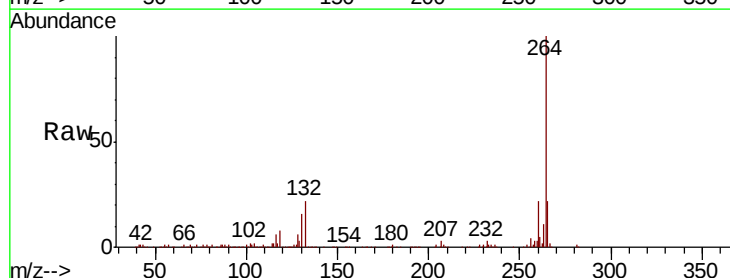
Tgt Ion:264 Resp: 285353

Ion Ratio Lower Upper

264 100

260 21.8 18.3 27.5

265 21.9 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

