

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111705.D
 Acq On : 21 Dec 2018 23:26
 Operator : JU/SJ
 Sample : PB115917BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BL

Quant Time: Dec 22 00:52:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145457	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	491942	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	210703	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	356599	20.00	ng	0.00
76) Chrysene-d12	14.06	240	246148	20.00	ng	0.01
87) Perylene-d12	15.54	264	194520	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1114169	130.56	ng	0.02
7) Phenol-d6	6.54	99	1360815	125.30	ng	0.02
23) Nitrobenzene-d5	7.46	82	854393	101.09	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	317146	127.39	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1511203	104.54	ng	0.00
79) Terphenyl-d14	13.01	244	1389815	107.08	ng	0.01

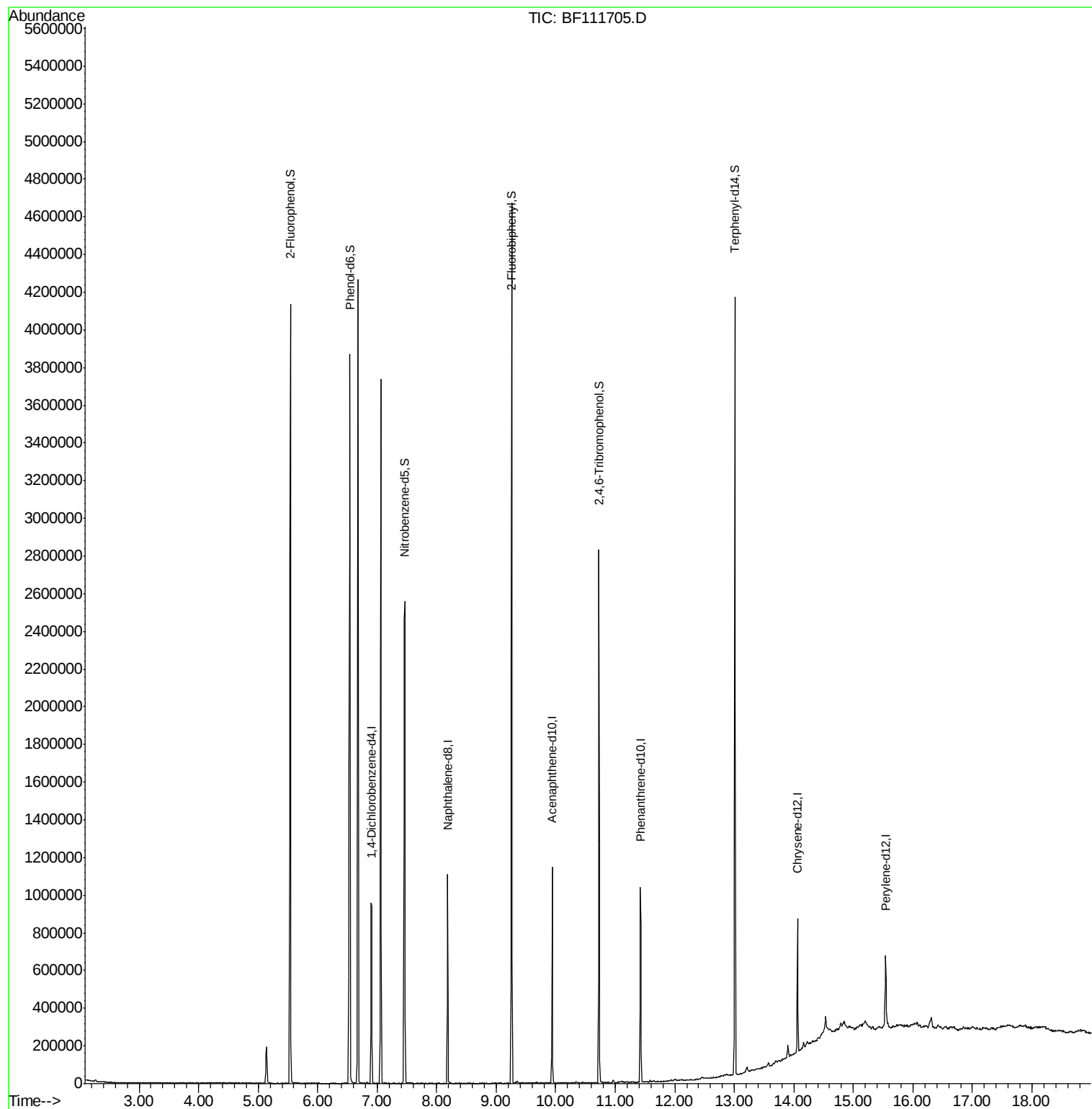
Target Compounds Qvalue

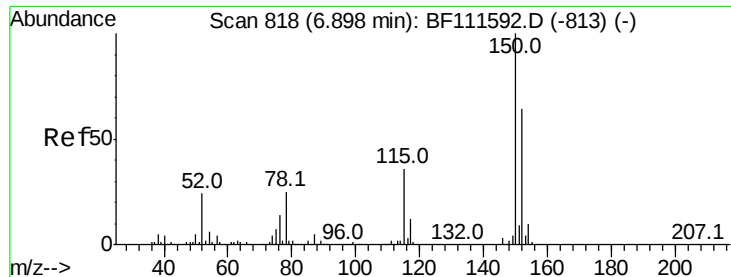
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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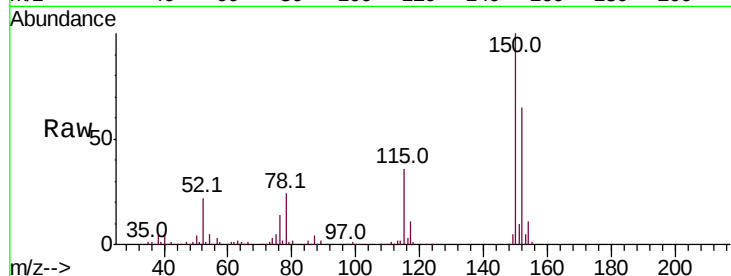


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	54.4	50.7	76.1

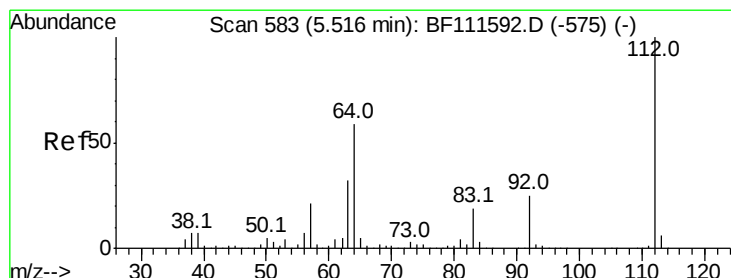
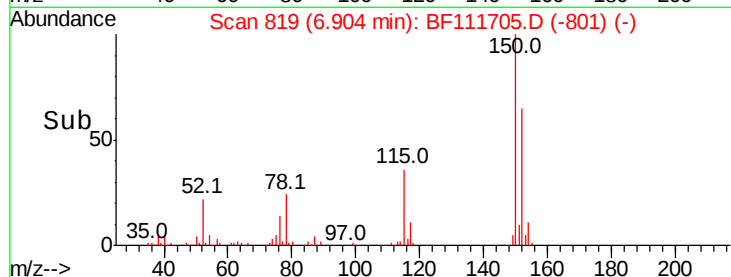
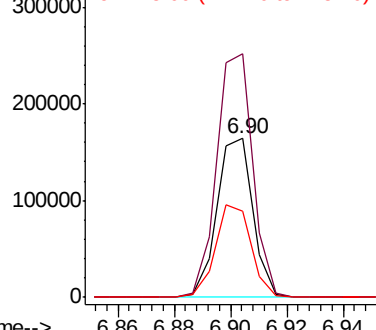


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

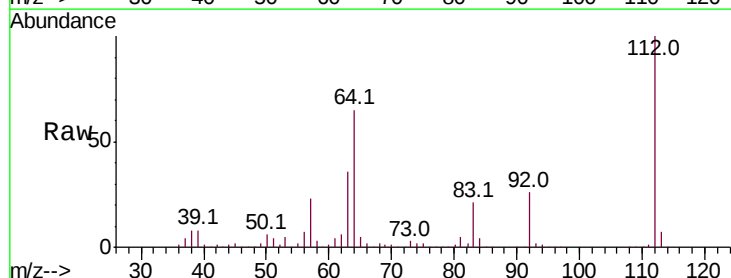
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.564 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.8	77.6
63	35.9	26.8	40.2

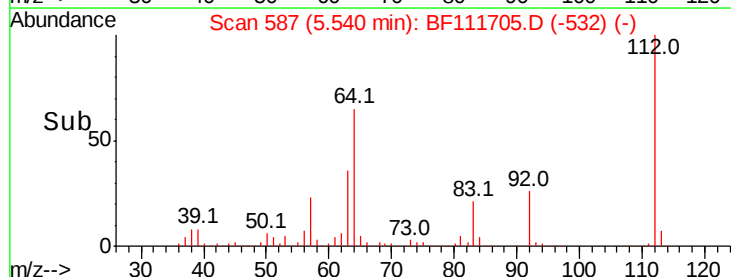
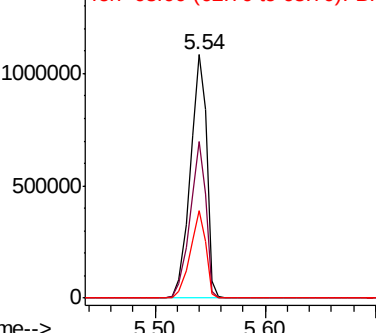


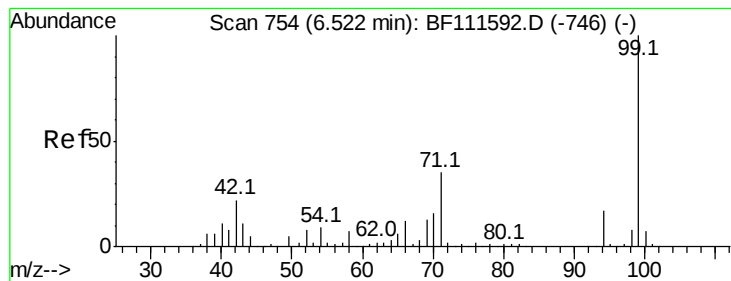
Abundance

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: 125.303 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Instrument :

BNA_F

ClientSampleId :

PB115917BL

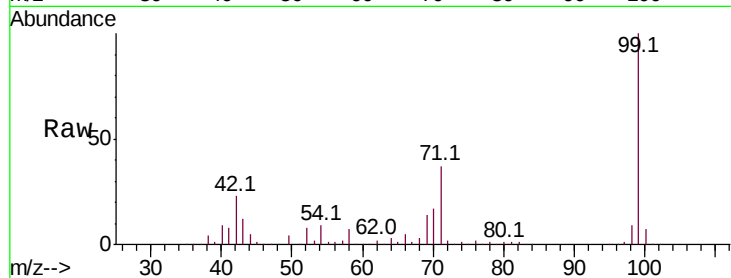
Tot Ion: 99 Resp: 1360815

Ion Ratio Lower Upper

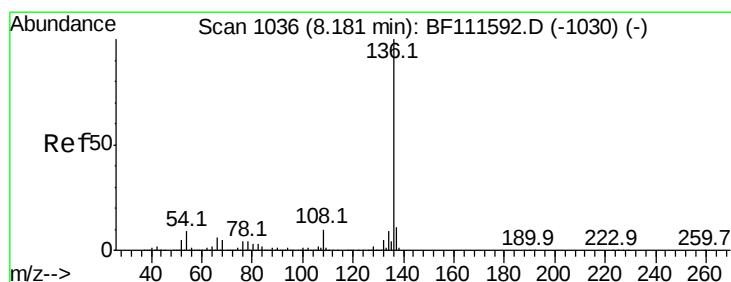
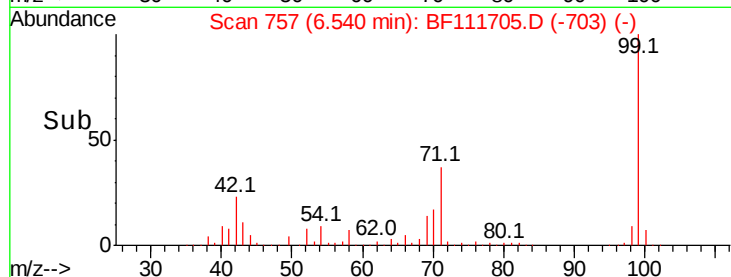
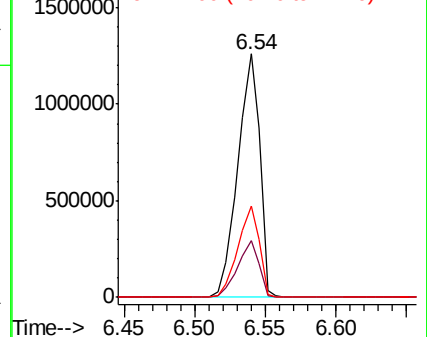
99 100

42 23.2 17.4 26.0

71 37.3 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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Tgt Ion: 136 Resp: 491942

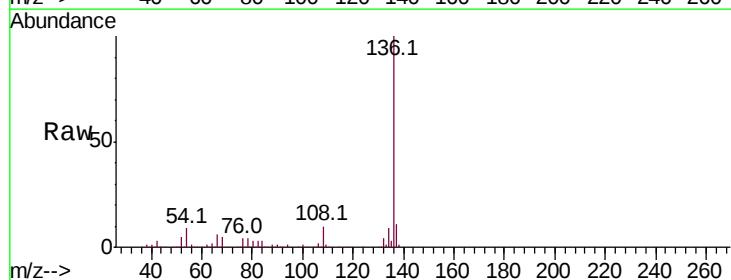
Ion Ratio Lower Upper

136 100

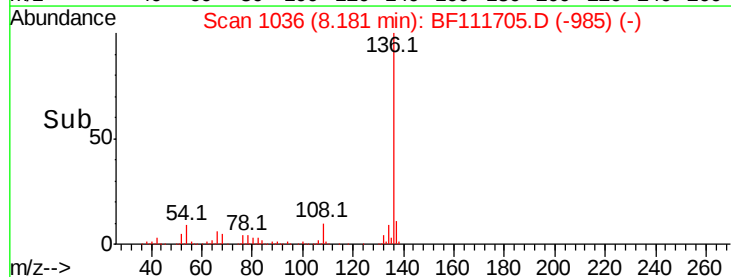
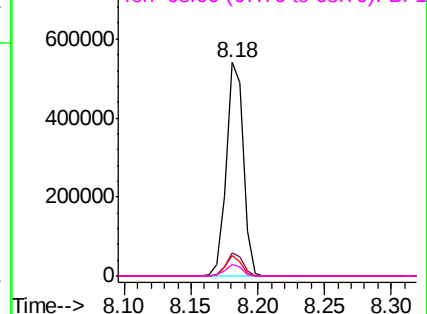
137 10.9 9.1 13.7

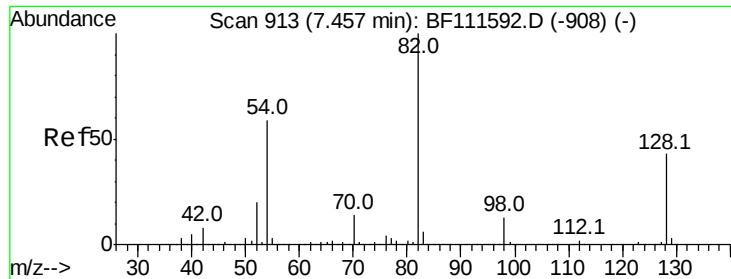
54 9.3 7.7 11.5

68 5.4 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

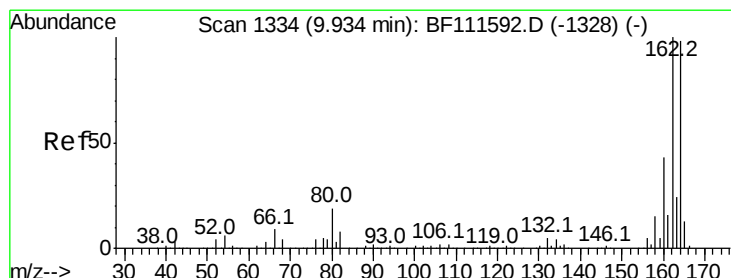
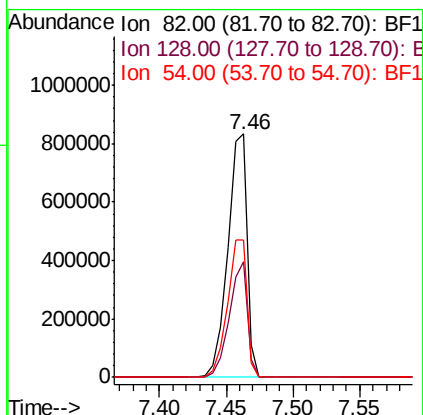
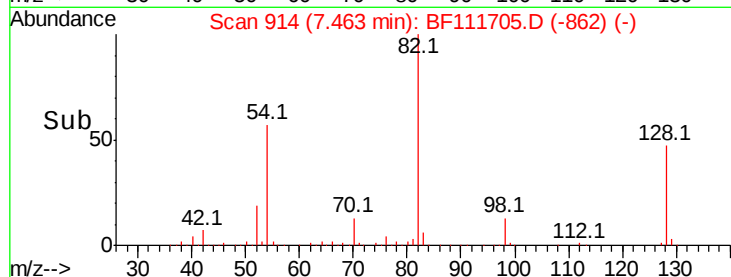
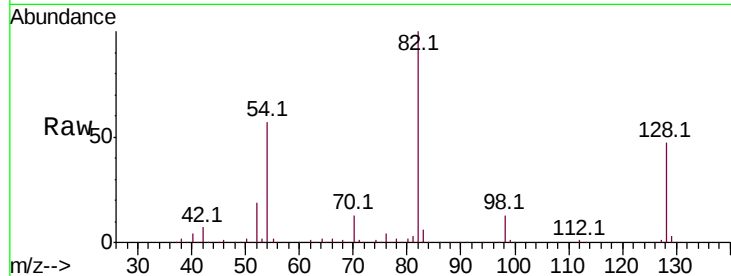




#23
Nitrobenzene-d5
Concen: 101.094 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

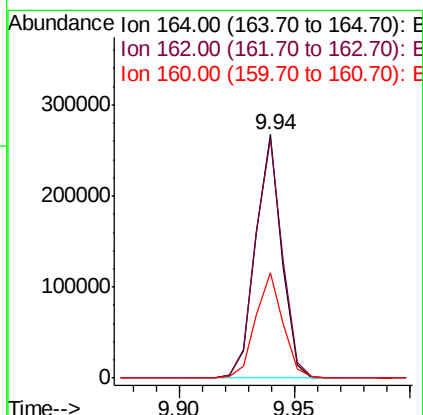
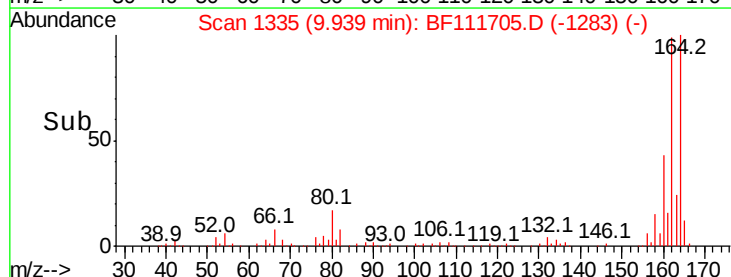
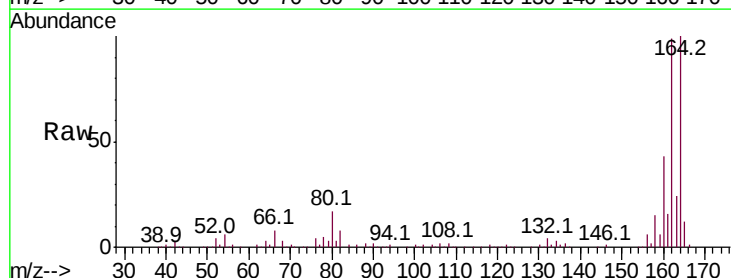
Instrument :
BNA_F
ClientSampled :
PB115917BL

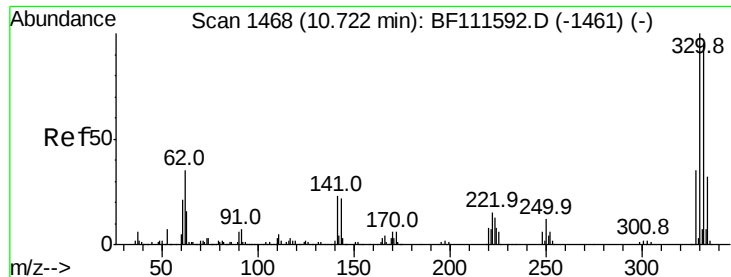
Tot Ion: 82 Resp: 854393
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.2
54 56.7 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:164 Resp: 210703
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 43.3 35.7 53.5

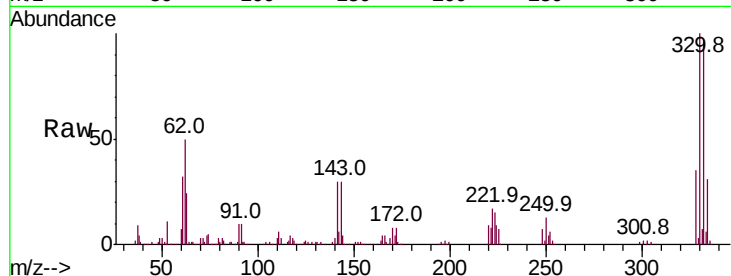




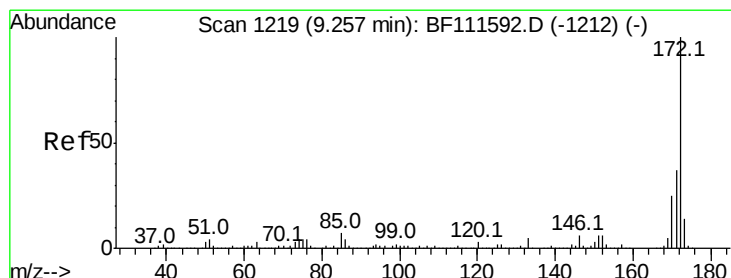
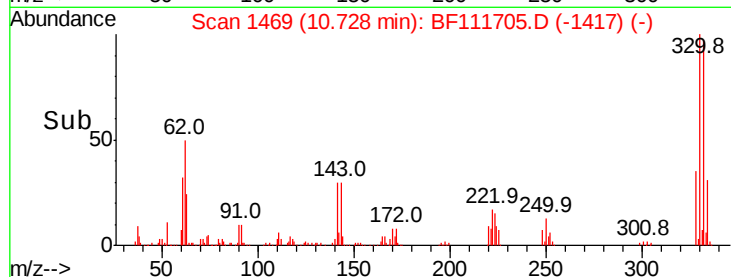
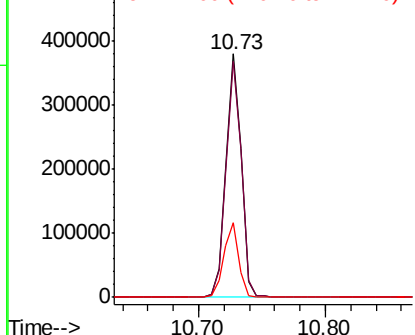
#42
 2,4,6-Tribromophenol
 Concen: 127.387 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111705.D
 Acq: 21 Dec 2018 23:26

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BL

Tot Ion:330 Resp: 317146
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 30.1 31.0 46.6#

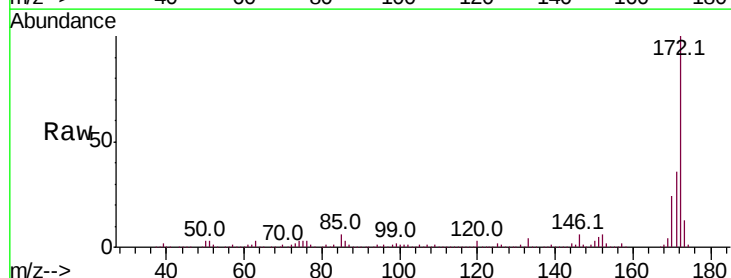


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

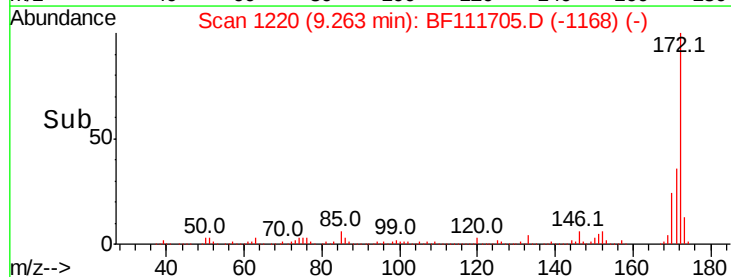
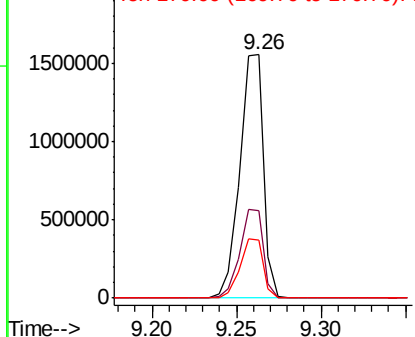


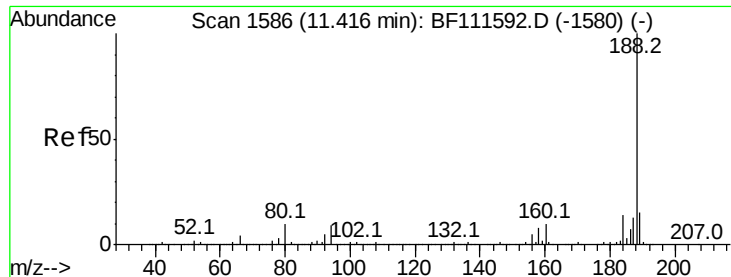
#45
 2-Fluorobiphenyl
 Concen: 104.540 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111705.D
 Acq: 21 Dec 2018 23:26

Tgt Ion:172 Resp: 1511203
 Ion Ratio Lower Upper
 172 100
 171 36.1 33.0 49.4
 170 24.0 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

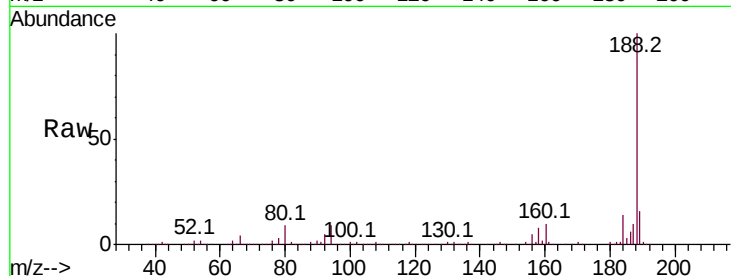




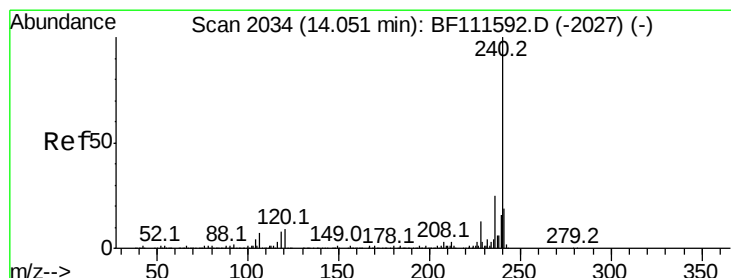
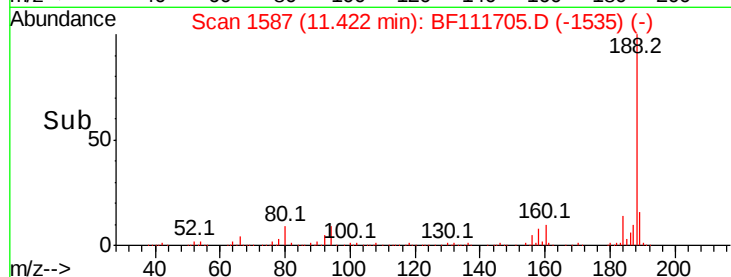
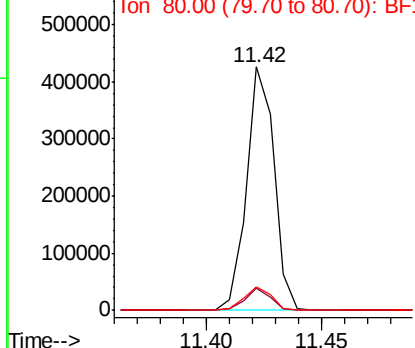
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampled :
PB115917BL

Tot Ion:188 Resp: 356599
Ion Ratio Lower Upper
188 100
94 9.0 9.6 14.4#
80 9.4 9.8 14.6#

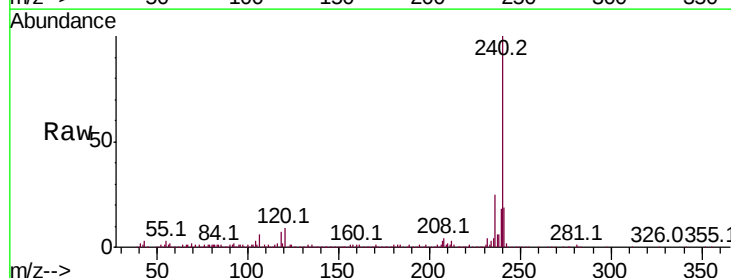


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

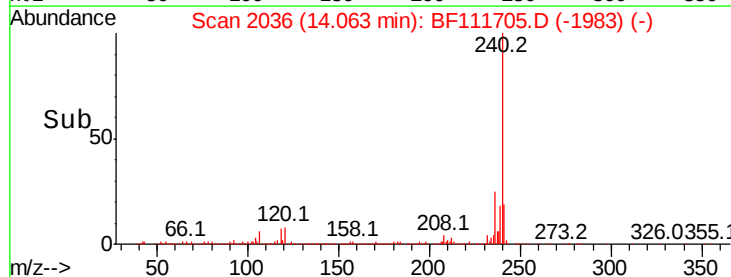
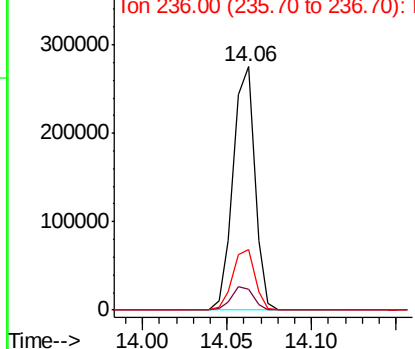


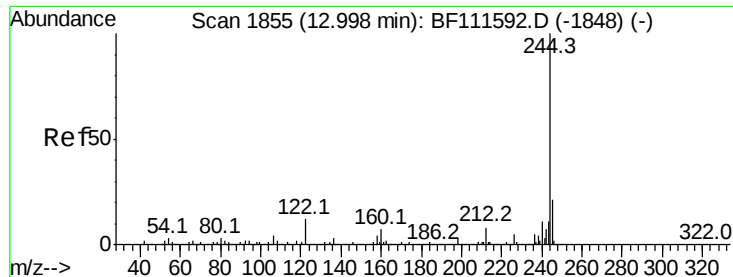
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:240 Resp: 246148
Ion Ratio Lower Upper
240 100
120 8.6 12.2 18.2#
236 24.8 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: 107.077 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Instrument :

BNA_F

ClientSampleId :

PB115917BL

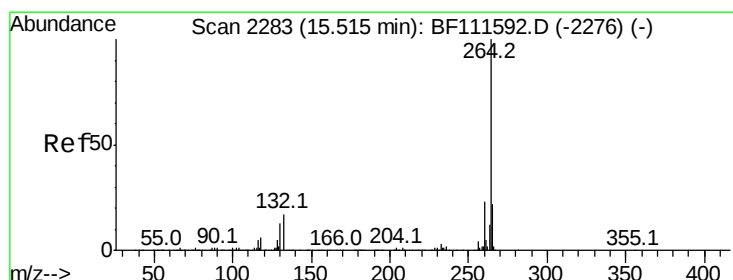
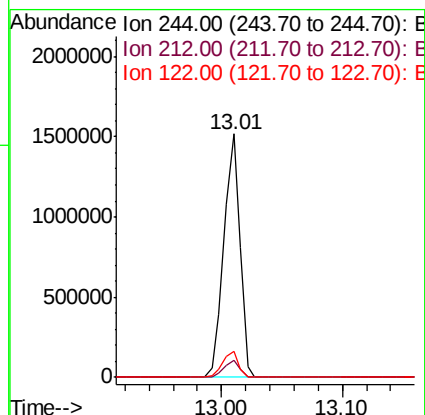
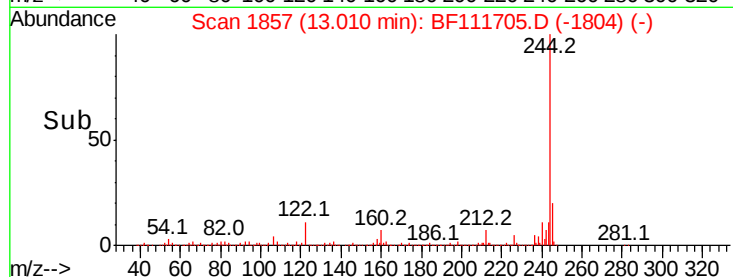
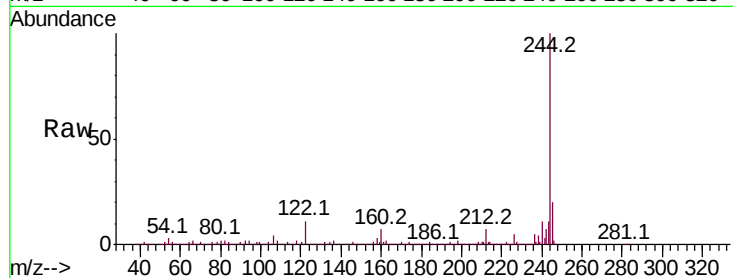
Tot Ion:244 Resp: 1389815

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.7 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Tgt Ion:264 Resp: 194520

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.8 17.7 26.5

