

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102020.D
 Acq On : 11 Jan 2018 16:05
 Operator : SJ/JU
 Sample : PB105579BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BL

Quant Time: Jan 11 16:41:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	197521	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	813225	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	361868	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	607691	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391623	20.00	ng	-0.01
86) Perylene-d12	15.29	264	312993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1466433	104.84	ng	0.01
7) Phenol-d6	6.36	99	1709869	102.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	1109885	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	358919	113.65	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1870146	80.74	ng	0.00
78) Terphenyl-d14	12.83	244	1551288	82.24	ng	0.00

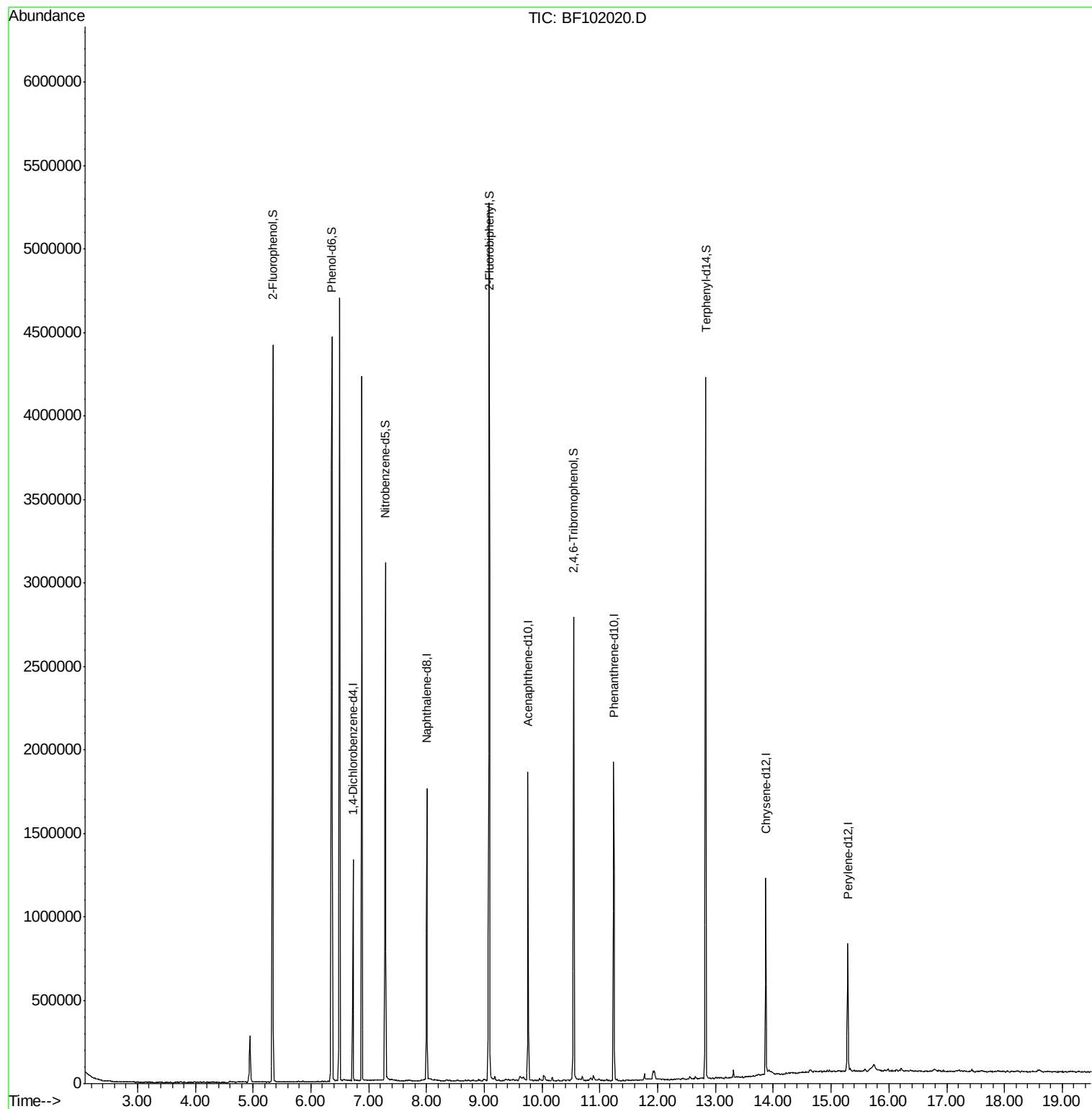
Target Compounds Qvalue

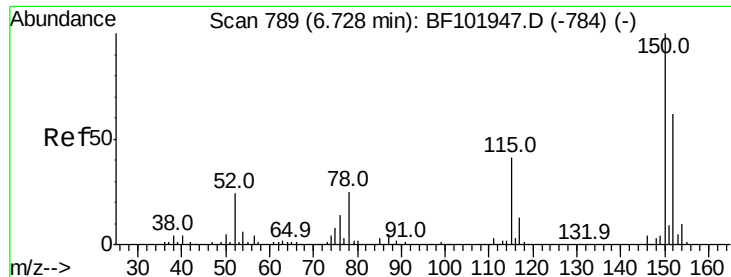
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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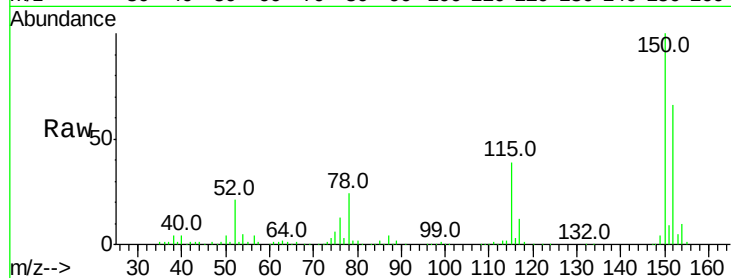


#1

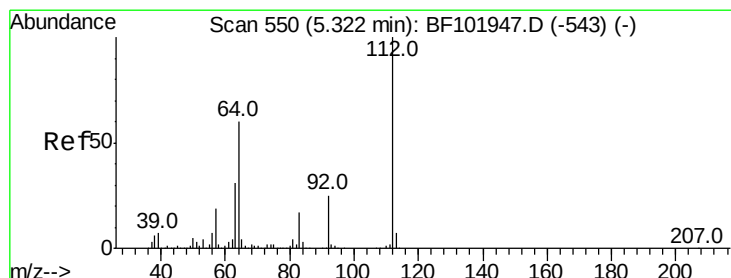
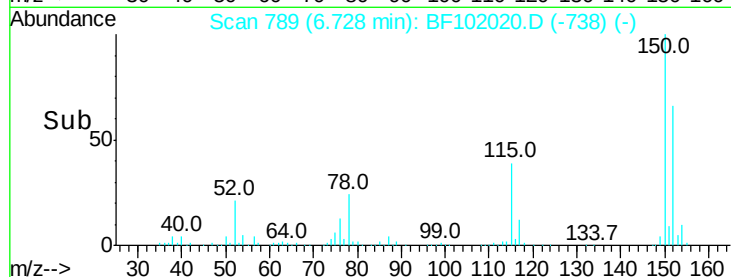
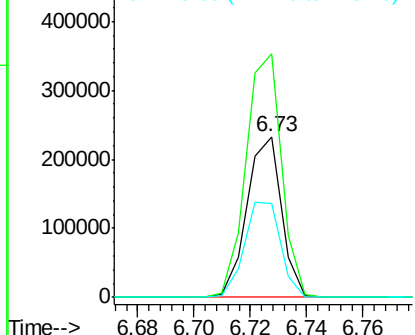
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Instrument :
BNA_F
ClientSampleId :
PB105579BL

Tot Ion:152 Resp: 197521
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 58.5 50.1 75.1



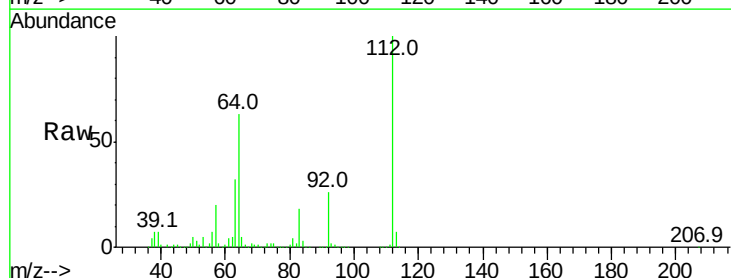
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



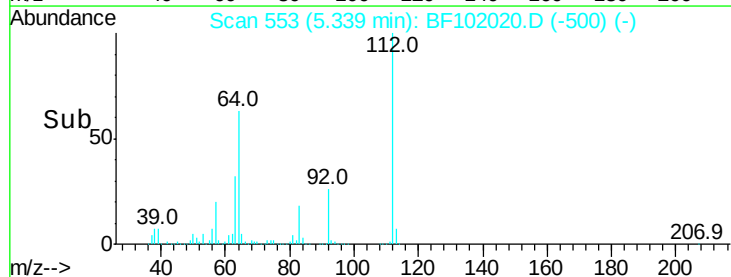
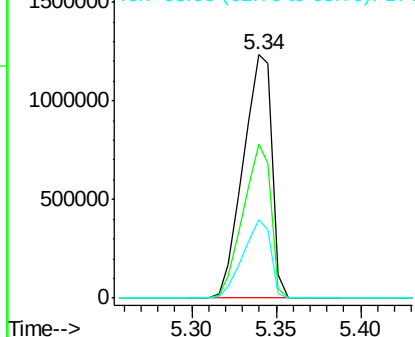
#5

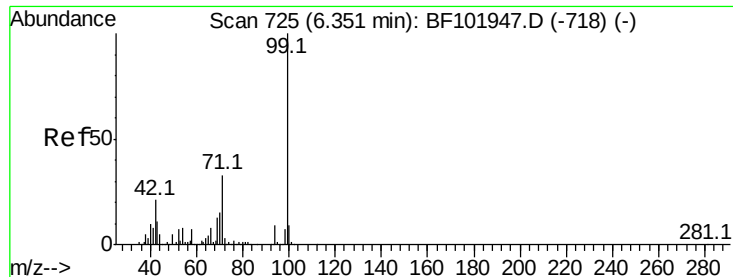
2-Fluorophenol
Concen: 104.836 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Tgt Ion:112 Resp: 1466433
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 32.3 23.7 35.5



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: 102.455 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Instrument :

BNA_F

ClientSampleId :

PB105579BL

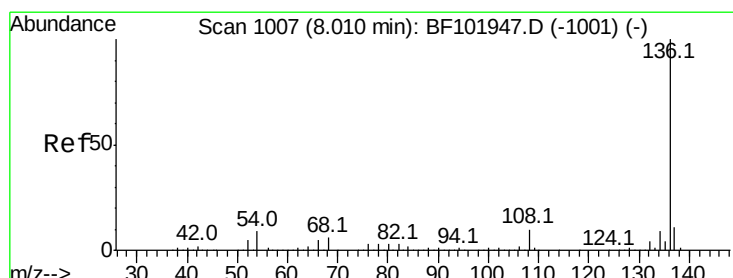
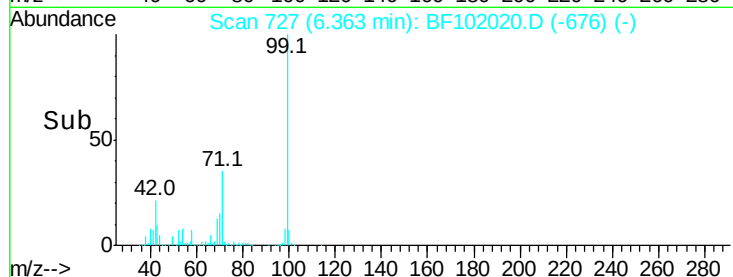
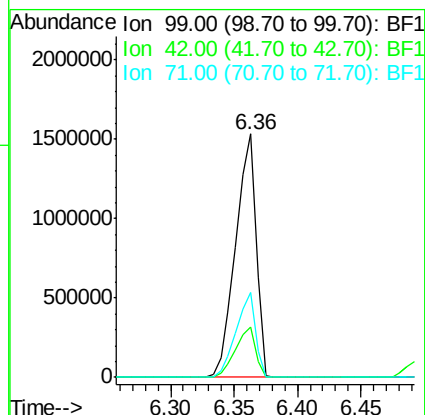
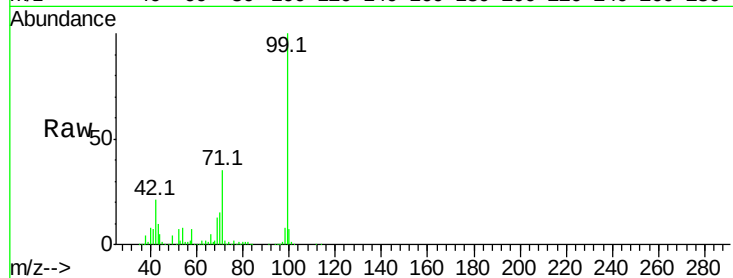
Tot Ion: 99 Resp: 1709869

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 34.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Tgt Ion: 136 Resp: 813225

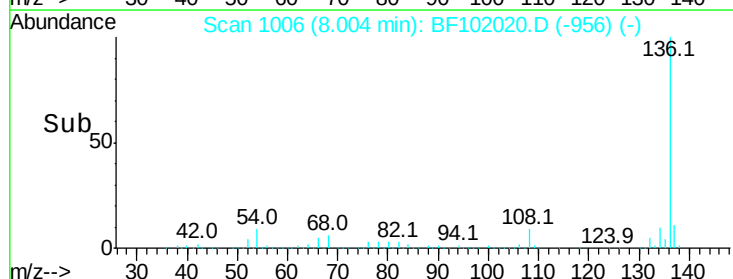
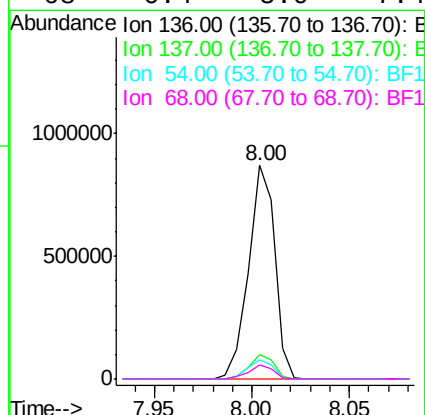
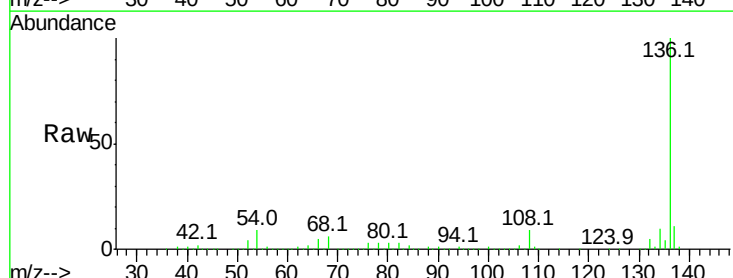
Ion Ratio Lower Upper

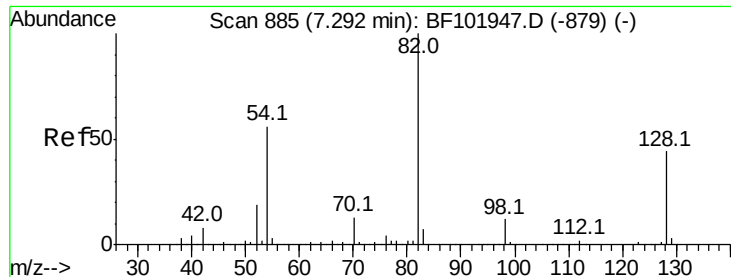
136 100

137 11.3 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4

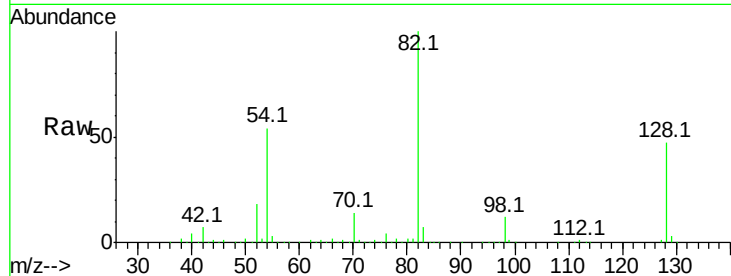




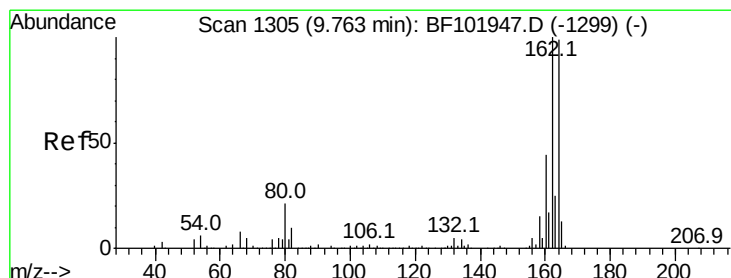
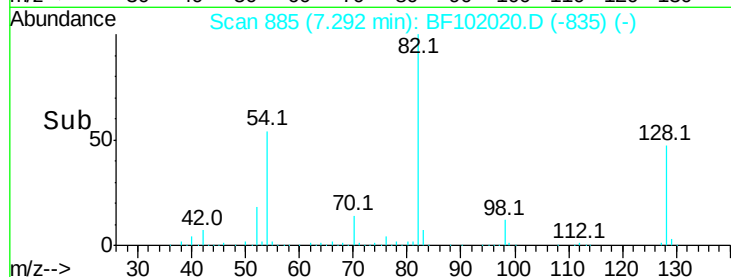
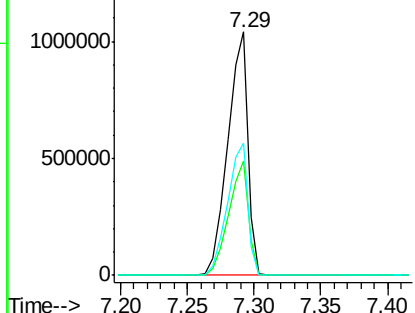
#23
Nitrobenzene-d5
Concen: 80.201 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Instrument :
BNA_F
ClientSampleId :
PB105579BL

Tot Ion: 82 Resp: 1109885
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 54.5 41.4 62.2

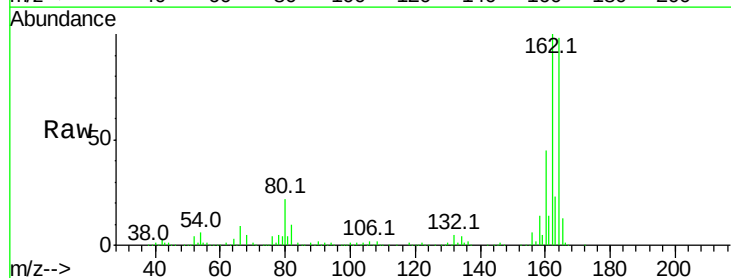


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

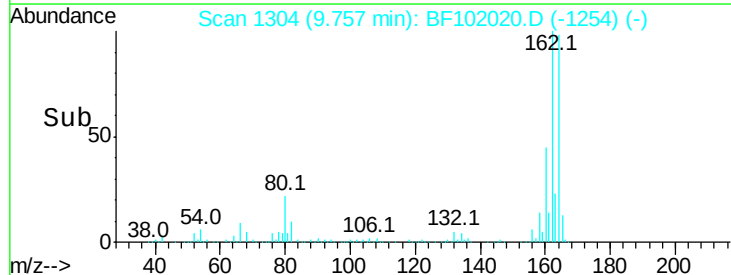
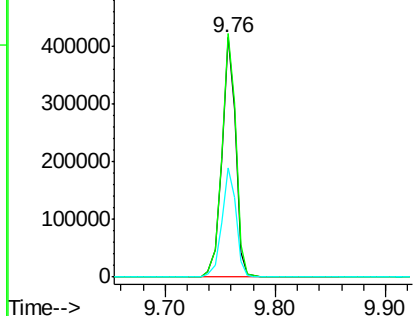


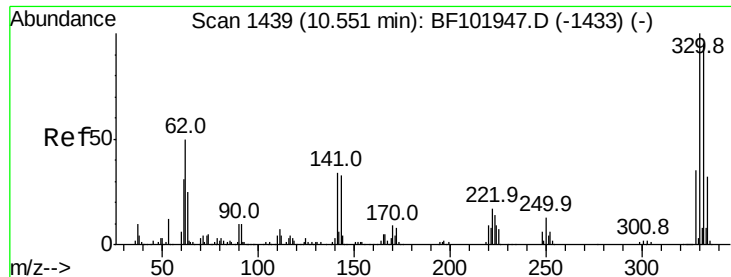
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Tgt Ion:164 Resp: 361868
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 45.5 38.3 57.5



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

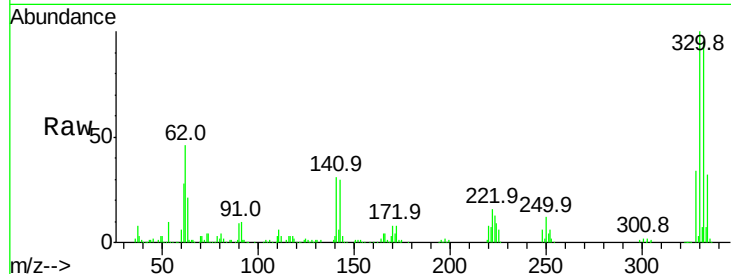




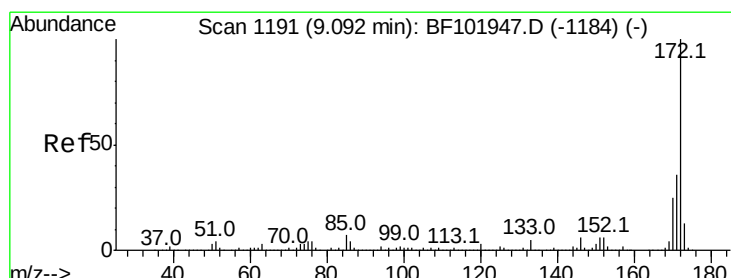
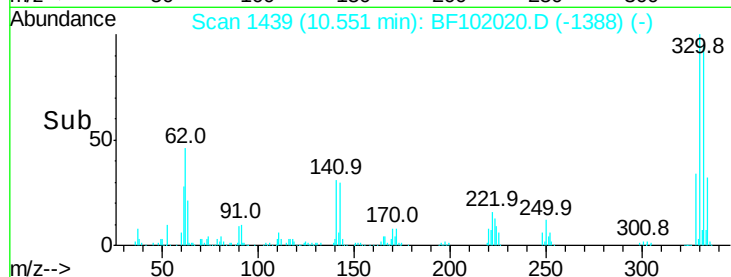
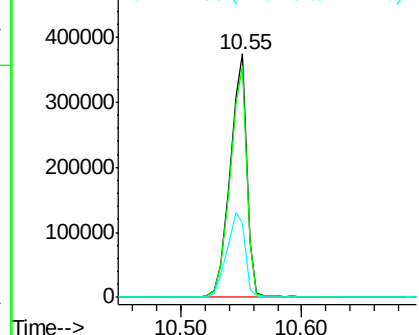
#41
 2,4,6-Tribromophenol
 Concen: 113.655 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102020.D
 Acq: 11 Jan 2018 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB105579BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.0	29.9	44.9

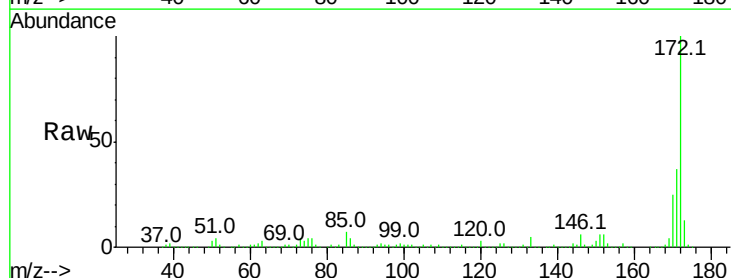


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

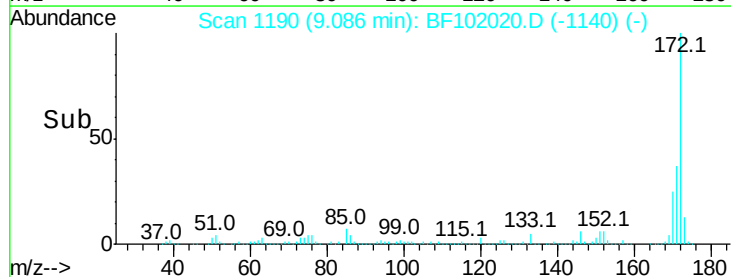
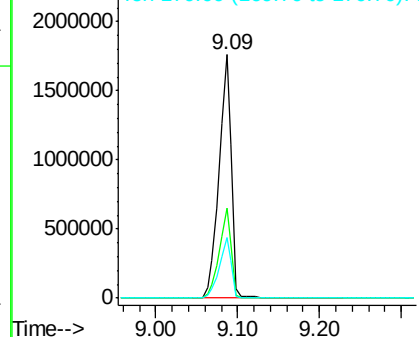


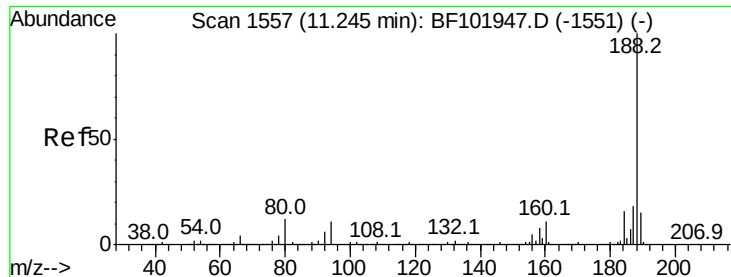
#44
 2-Fluorobiphenyl
 Concen: 80.739 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102020.D
 Acq: 11 Jan 2018 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4



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

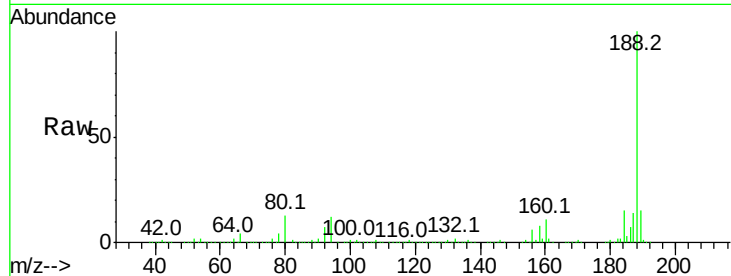




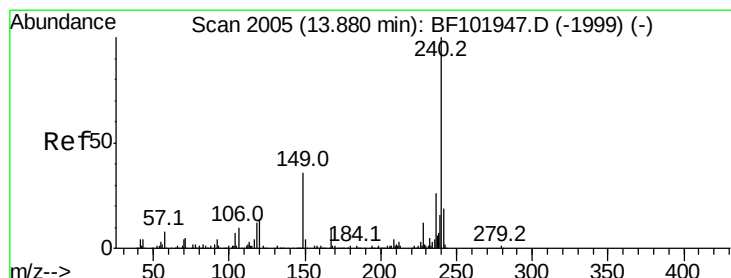
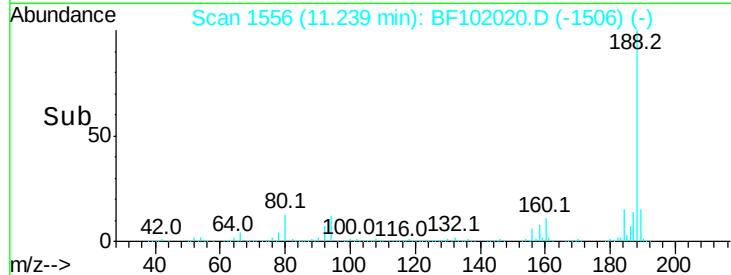
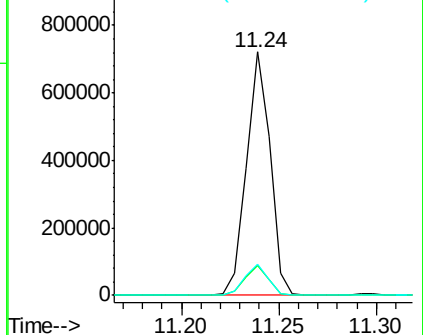
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Instrument :
BNA_F
ClientSampleId :
PB105579BL

Tot Ion:188 Resp: 607691
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 12.9 9.2 13.8

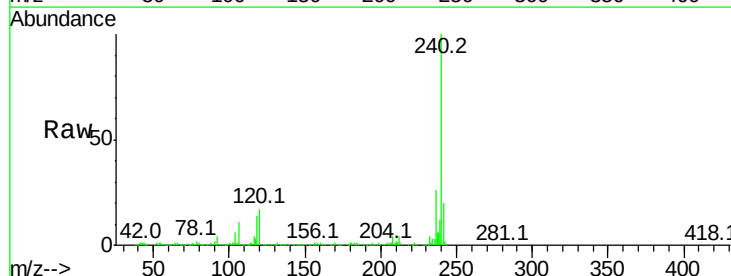


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

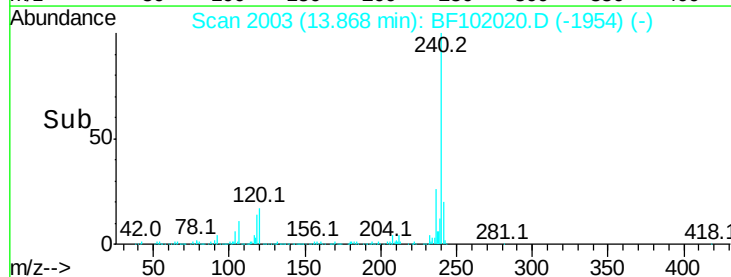
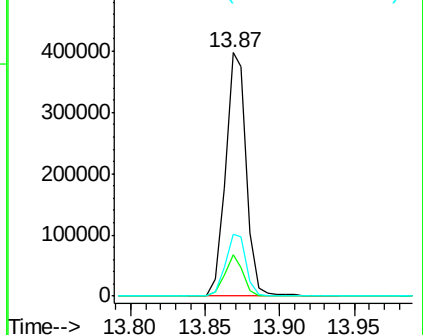


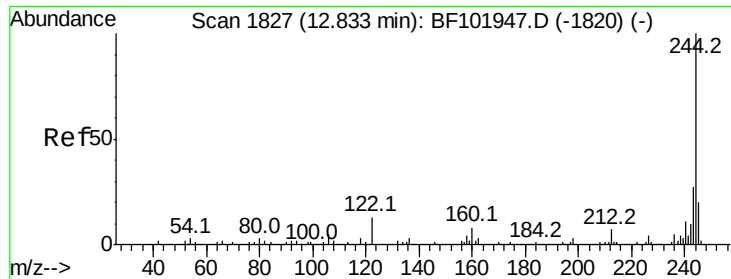
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102020.D
Acq: 11 Jan 2018 16:05

Tgt Ion:240 Resp: 391623
Ion Ratio Lower Upper
240 100
120 16.8 9.5 14.3#
236 25.7 20.7 31.1



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





#78

Terphenyl-d14

Concen: 82.244 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

Instrument :

BNA_F

ClientSampleId :

PB105579BL

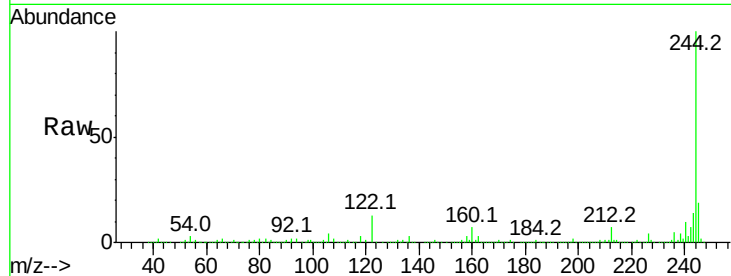
Tot Ion:244 Resp: 1551288

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

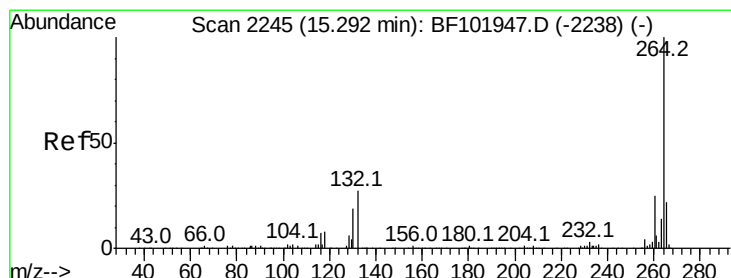
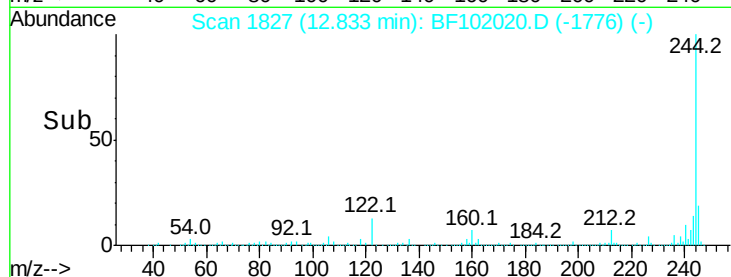
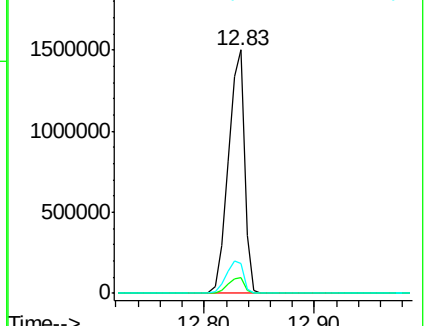
122 12.5 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BF102020.D

Acq: 11 Jan 2018 16:05

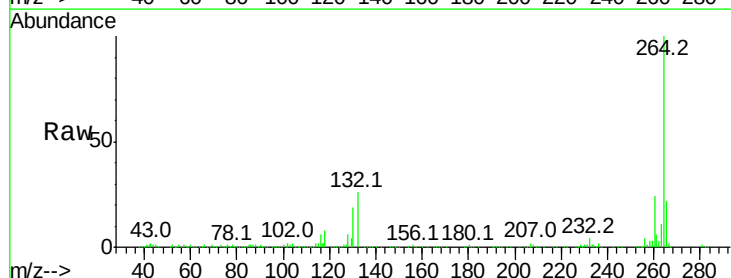
Tgt Ion:264 Resp: 312993

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 17.5 26.3



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

