

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105181.D
 Acq On : 9 May 2018 8:15
 Operator : JU/SJ
 Sample : J2680-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-050418-E

Quant Time: May 09 12:16:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 09 12:00:41 2018
 Response via : Initial Calibration

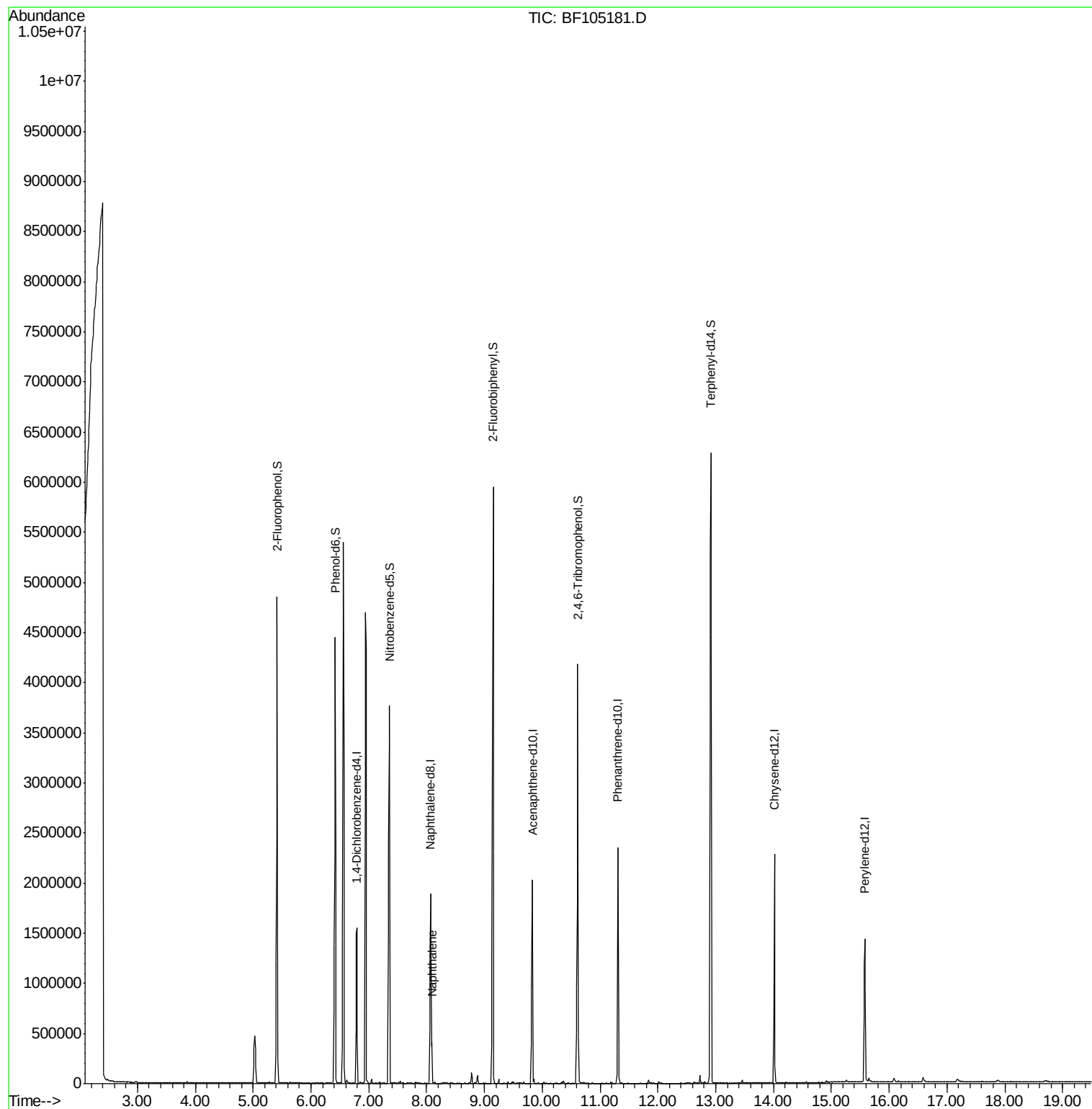
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	234701	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	938630	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	465830	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	911242	20.00	ng	0.00
75) Chrysene-d12	14.02	240	780284	20.00	ng	0.02
86) Perylene-d12	15.58	264	659650	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1630881	114.48	ng	0.02
7) Phenol-d6	6.42	99	1785879	105.28	ng	0.00
23) Nitrobenzene-d5	7.36	82	1416763	102.30	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	747573	145.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2592892	86.39	ng	0.00
78) Terphenyl-d14	12.92	244	2879095	85.71	ng	0.01
Target Compounds						
31) Naphthalene	8.09	128	191409	4.235	ng	99

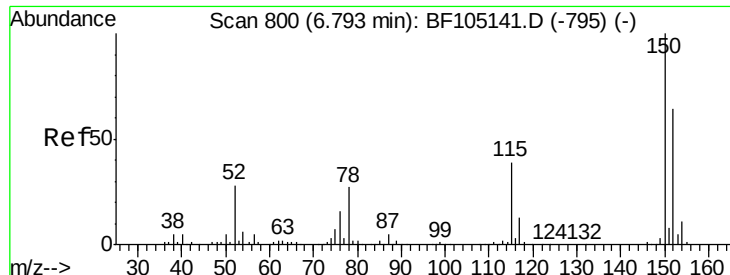
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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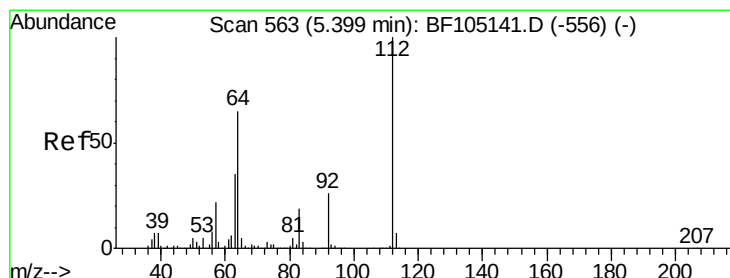
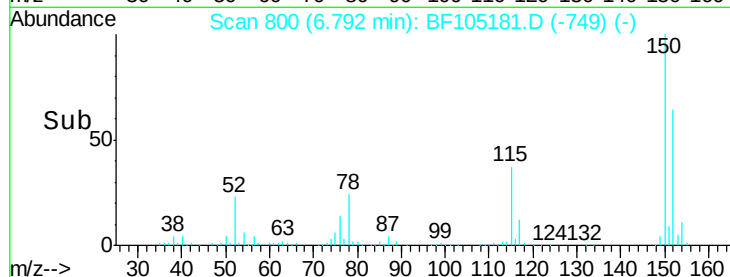
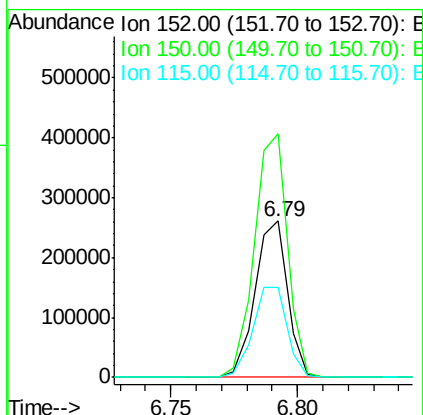
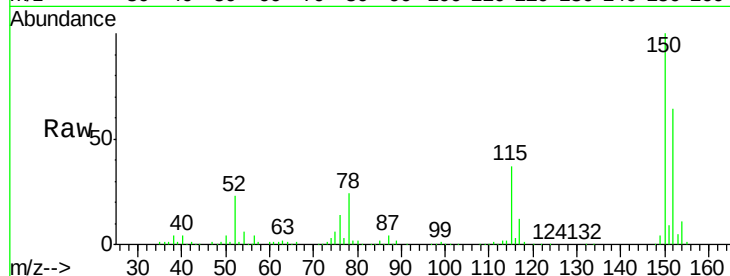


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105181.D
Acq: 9 May 2018 8:15

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-E

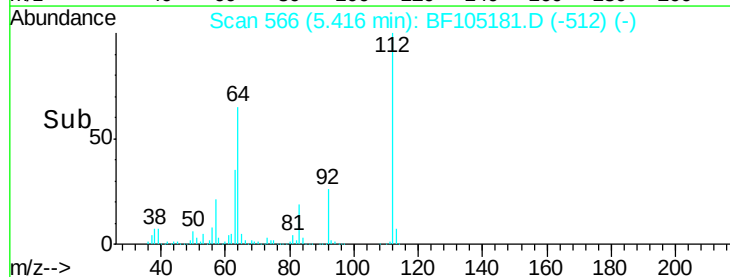
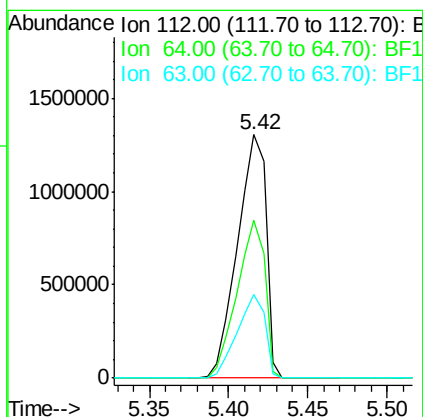
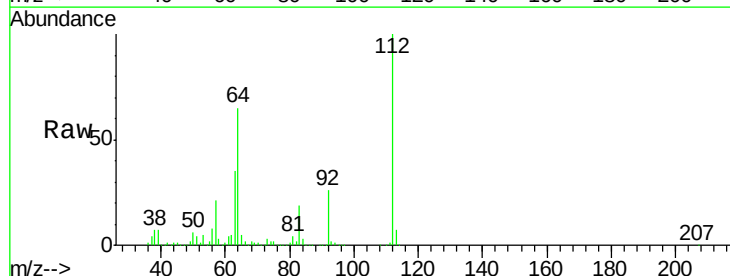
Tot Ion:152 Resp: 234701
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 57.8 50.1 75.1

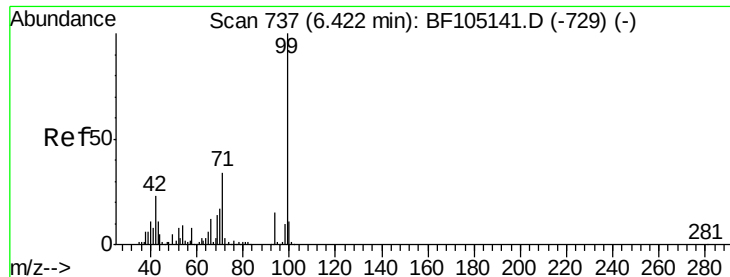


#5

2-Fluorophenol
Concen: 114.476 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF105181.D
Acq: 9 May 2018 8:15

Tgt Ion:112 Resp: 1630881
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 34.5 23.7 35.5





#7

Phenol-d6

Concen: 105.279 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA_F

ClientSampleId :

PL-02-050418-E

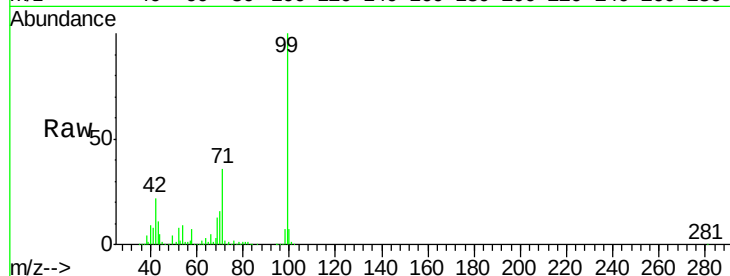
Tot Ion: 99 Resp: 1785879

Ion Ratio Lower Upper

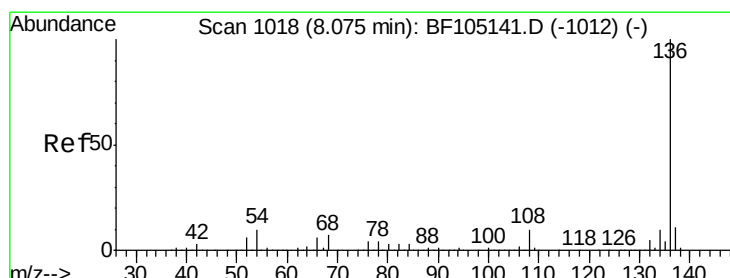
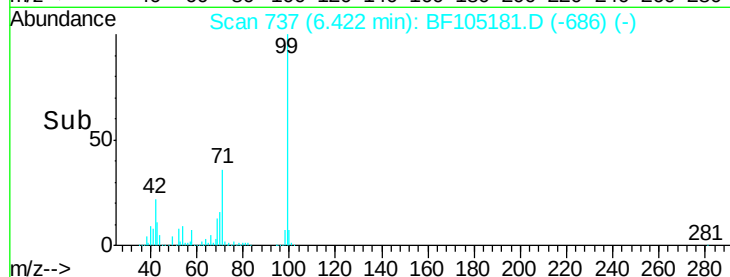
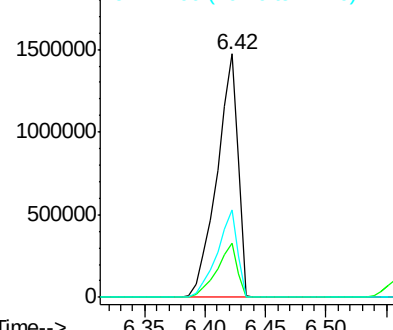
99 100

42 22.2 14.5 21.7#

71 36.1 25.4 38.0



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: BF105181.D

Acq: 9 May 2018 8:15

Tgt Ion: 136 Resp: 938630

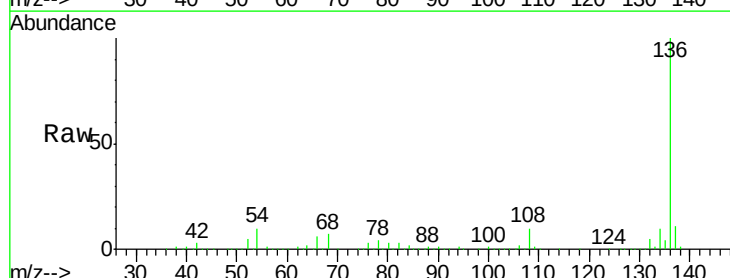
Ion Ratio Lower Upper

136 100

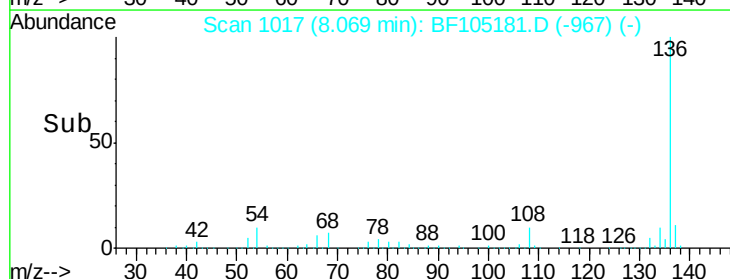
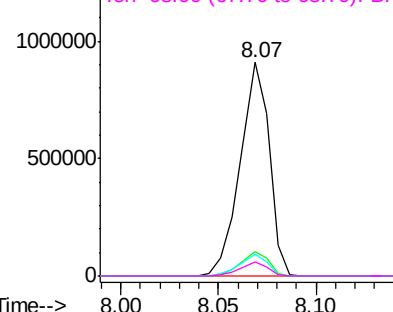
137 11.2 8.9 13.3

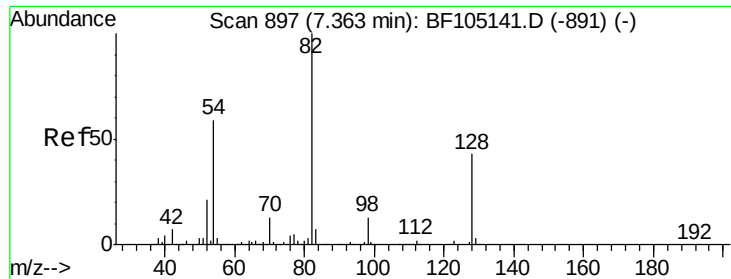
54 9.9 6.6 9.8#

68 6.5 5.0 7.4



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



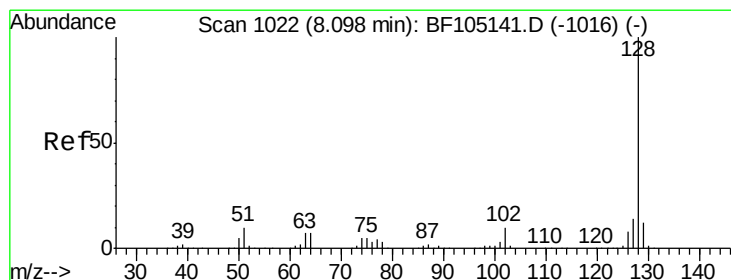
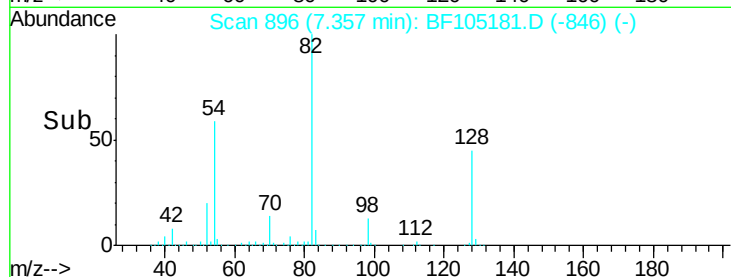
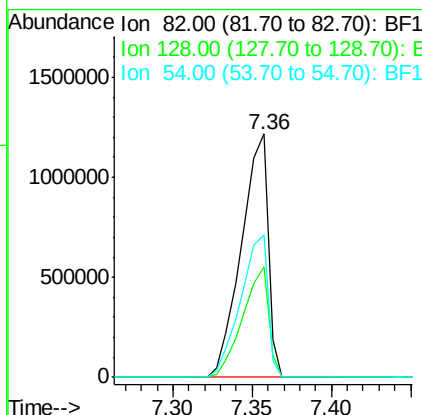
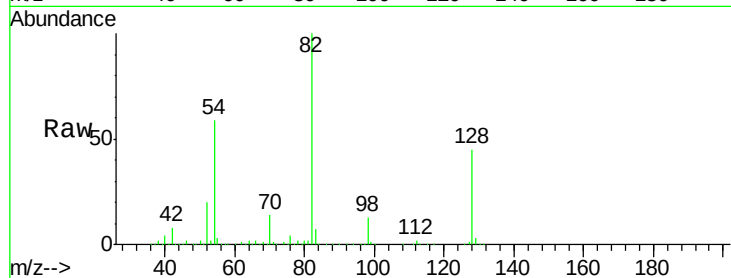


#23
 Nitrobenzene-d5
 Concen: 102.297 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105181.D
 Acq: 9 May 2018 8:15

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-050418-E

Tot Ion: 82 Resp: 1416763

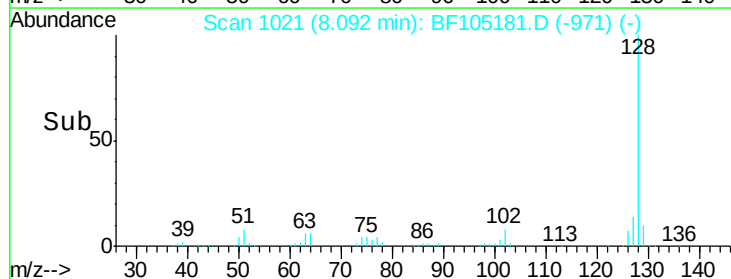
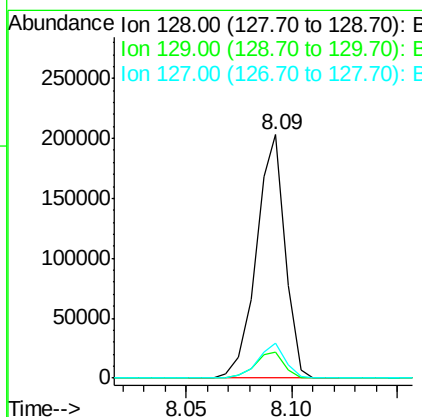
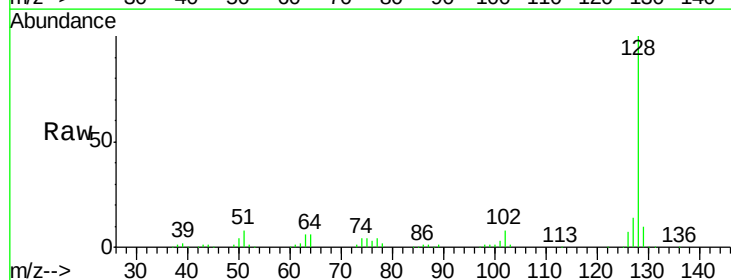
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	58.6	41.4	62.2

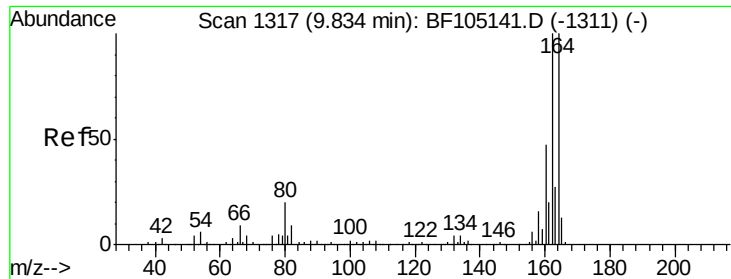


#31
 Naphthalene
 Concen: 4.235 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF105181.D
 Acq: 9 May 2018 8:15

Tgt Ion: 128 Resp: 191409

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	14.1	10.9	16.3

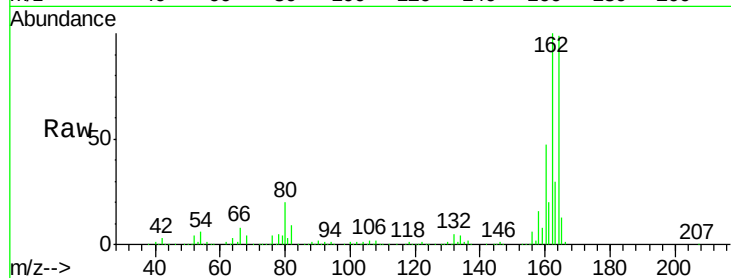




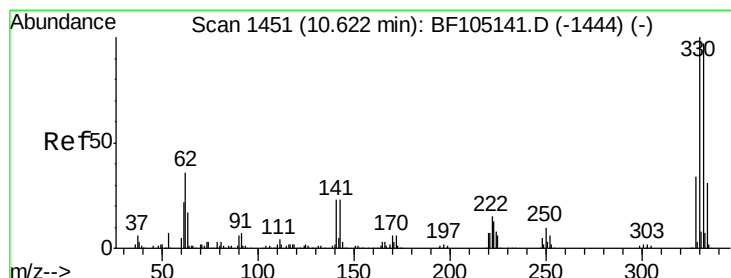
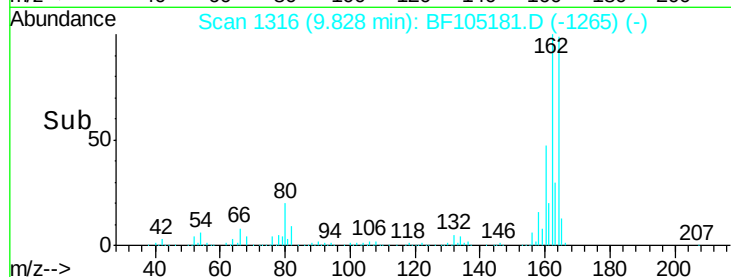
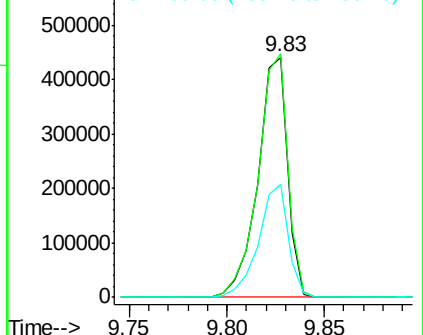
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF105181.D
 Acq: 9 May 2018 8:15

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-050418-E

Tot Ion:164 Resp: 465830
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 47.3 38.3 57.5

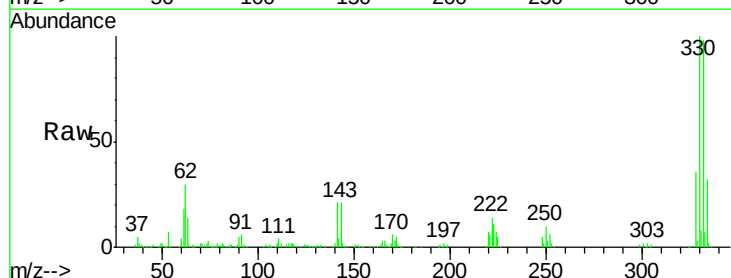


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

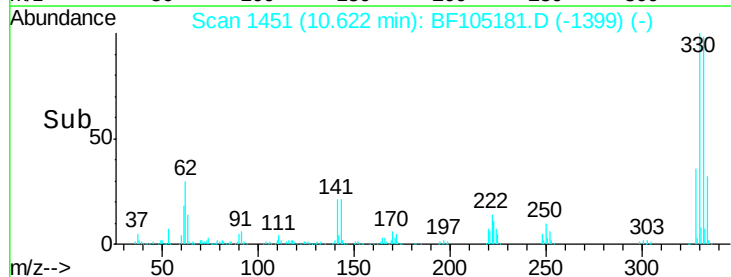
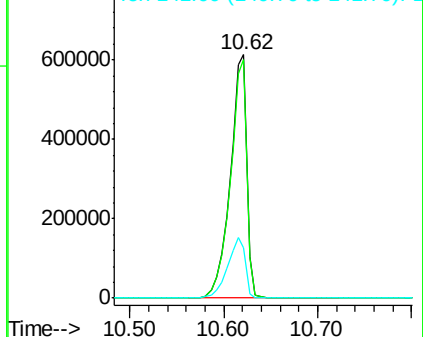


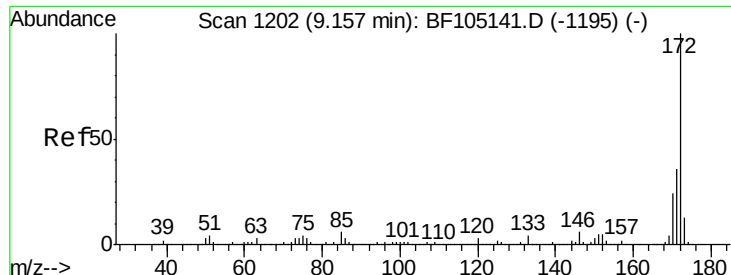
#41
 2,4,6-Tribromophenol
 Concen: 145.460 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF105181.D
 Acq: 9 May 2018 8:15

Tgt Ion:330 Resp: 747573
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 26.6 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



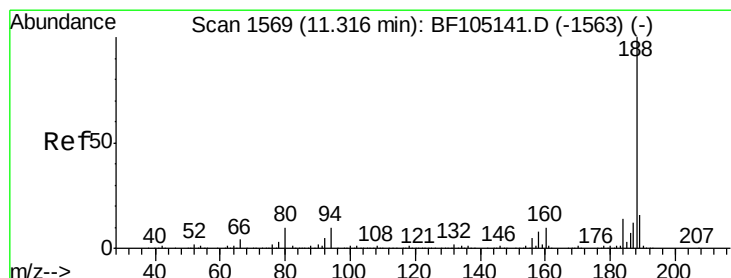
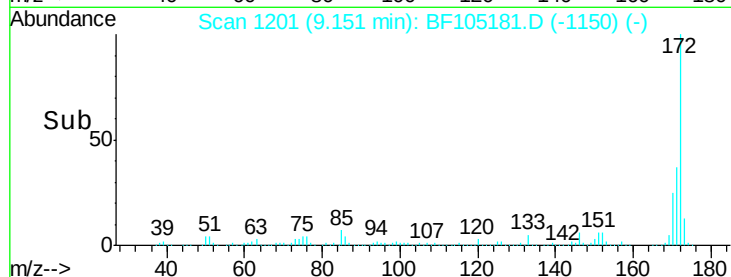
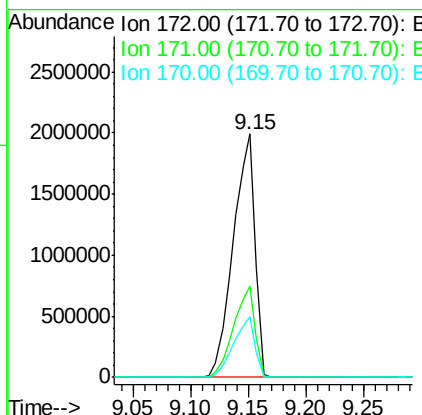
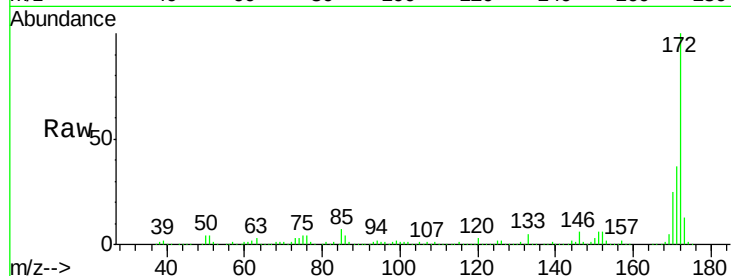


#44
 2-Fluorobiphenyl
 Concen: 86.393 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105181.D
 Acq: 9 May 2018 8:15

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-050418-E

Tot Ion:172 Resp: 2592892

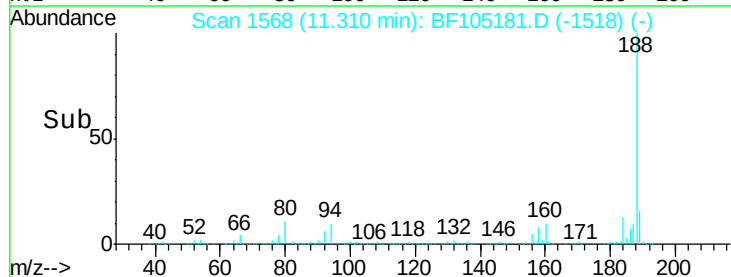
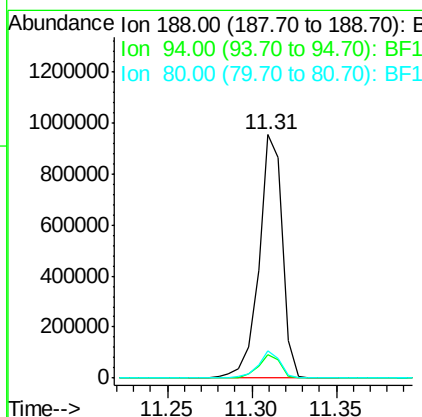
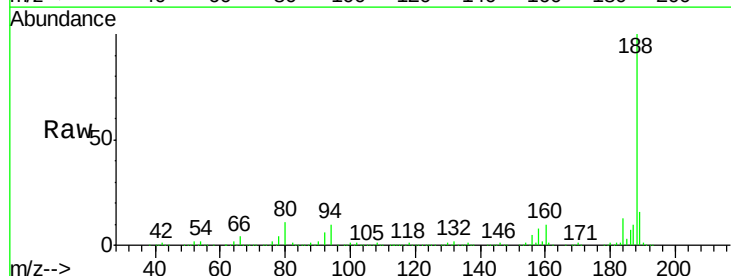
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	24.7	19.6	29.4

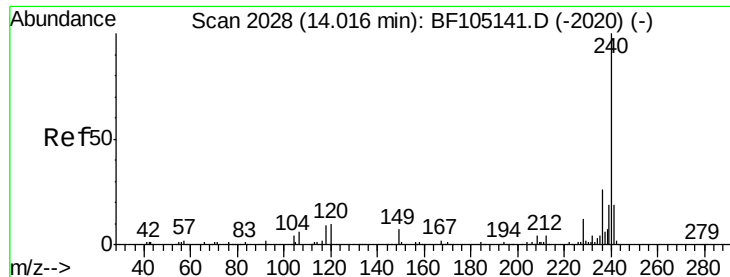


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105181.D
 Acq: 9 May 2018 8:15

Tgt Ion:188 Resp: 911242

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

Instrument :

BNA_F

ClientSampleId :

PL-02-050418-E

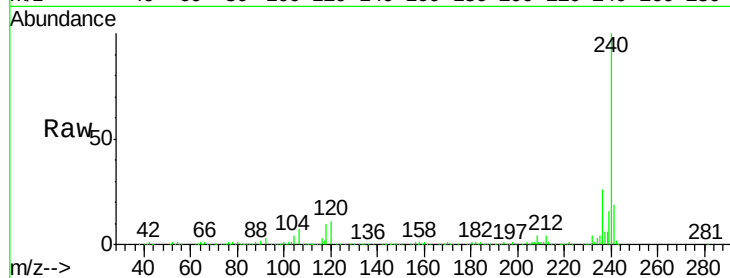
Tot Ion:240 Resp: 780284

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

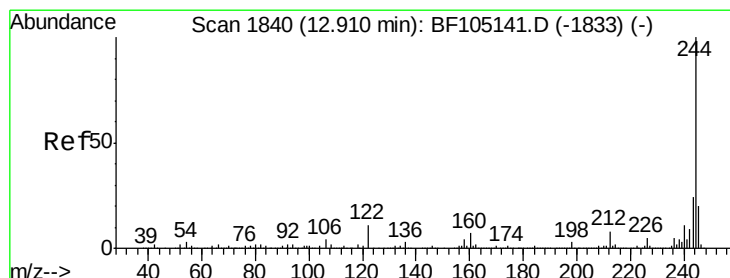
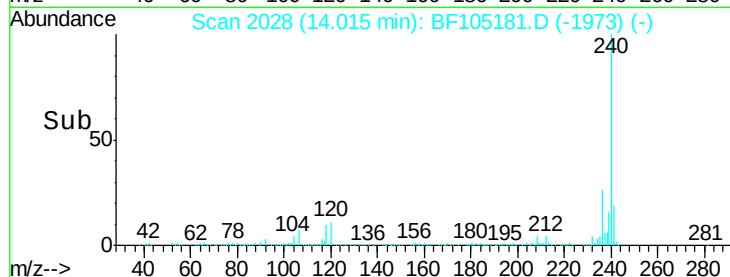
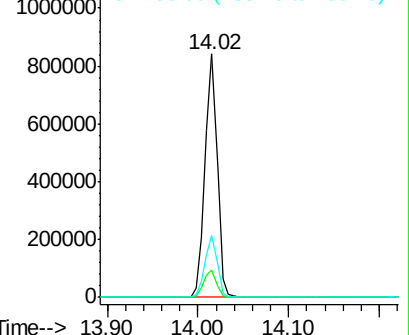
236 25.7 20.7 31.1



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: 85.709 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF105181.D

Acq: 9 May 2018 8:15

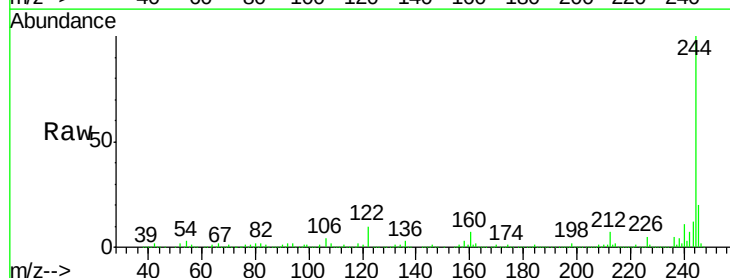
Tgt Ion:244 Resp: 2879095

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

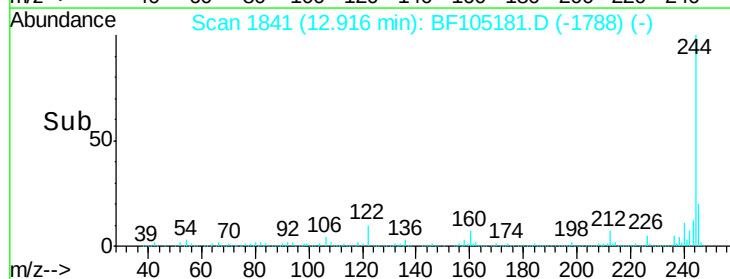
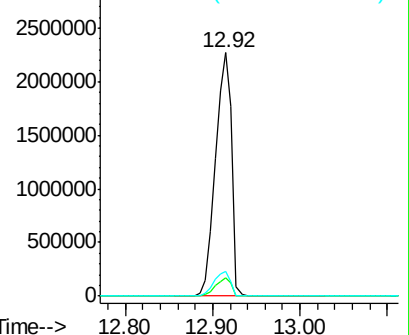
122 10.2 11.0 16.4#

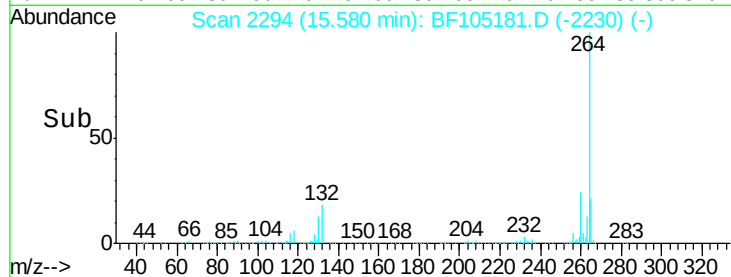
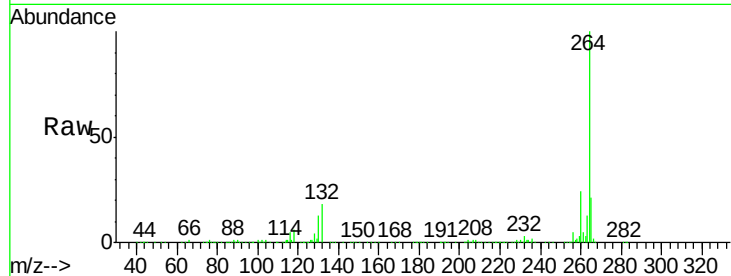
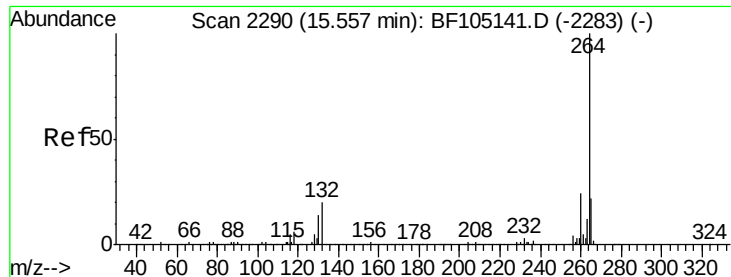


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.08 min
Lab File: BF105181.D
Acq: 9 May 2018 8:15

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3

