

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102130.D
 Acq On : 17 Jan 2018 00:36
 Operator : SJ/JU
 Sample : J1122-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-4

Quant Time: Jan 17 03:53:03 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

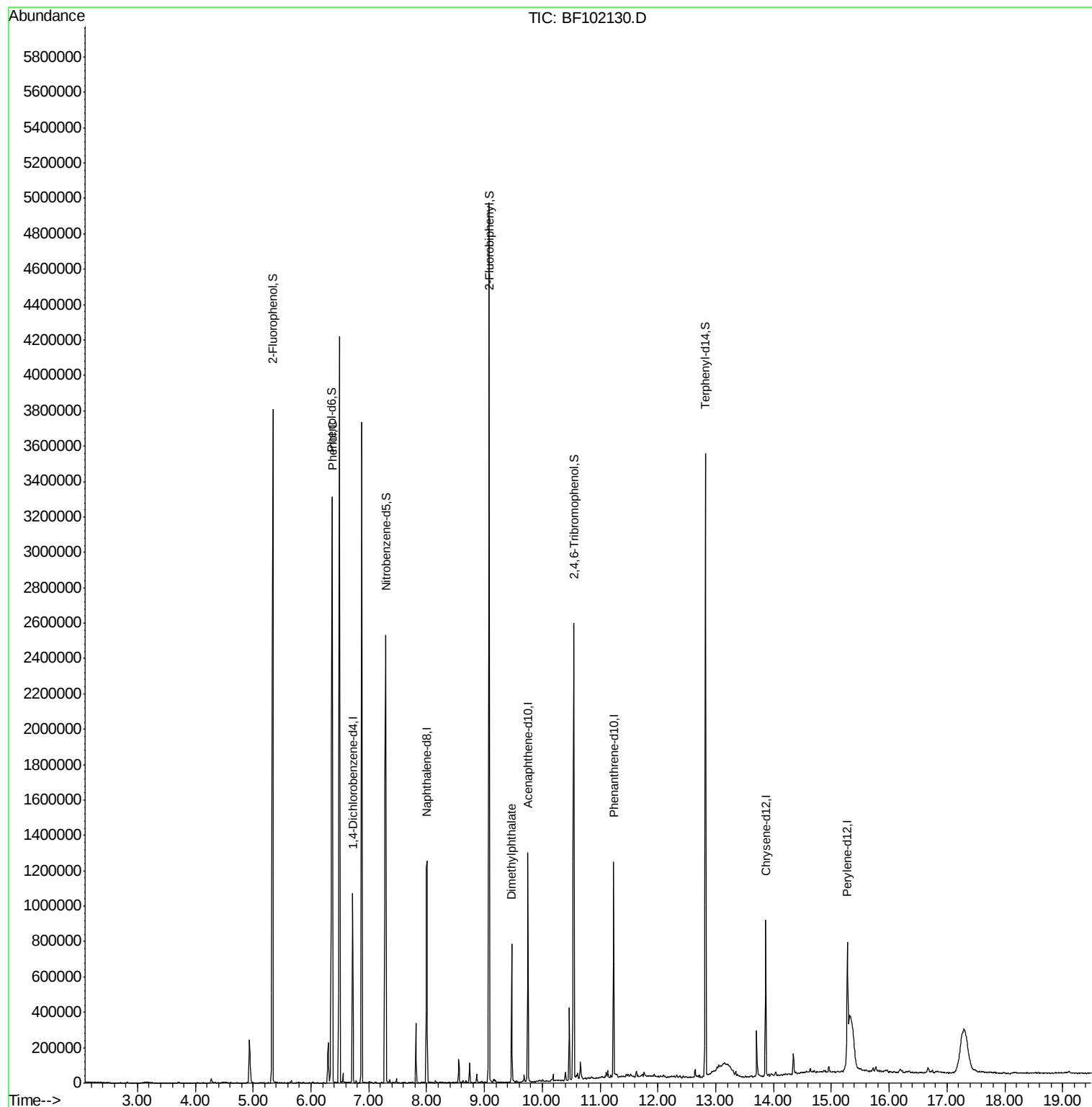
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145275	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	585167	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	252338	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	392513	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	267630	20.00	ng	-0.02
86) Perylene-d12	15.28	264	253717	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1260648	122.54	ng	0.01
7) Phenol-d6	6.36	99	1541631	125.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	985890	99.01	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	313034	142.15	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1688274	104.52	ng	-0.01
78) Terphenyl-d14	12.82	244	1237478	96.00	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	39420	2.842	ng	92
49) Dimethylphthalate	9.47	163	301156	14.877	ng	99

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

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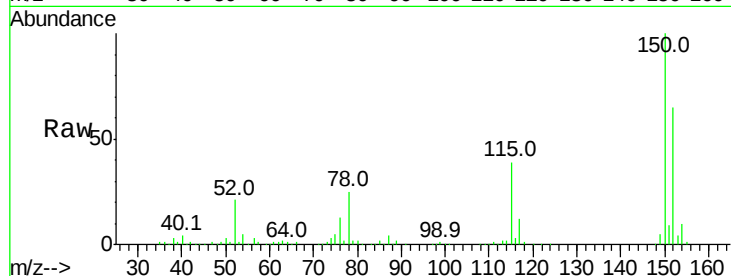


#1

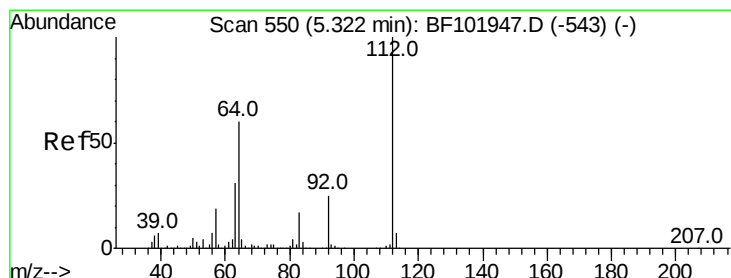
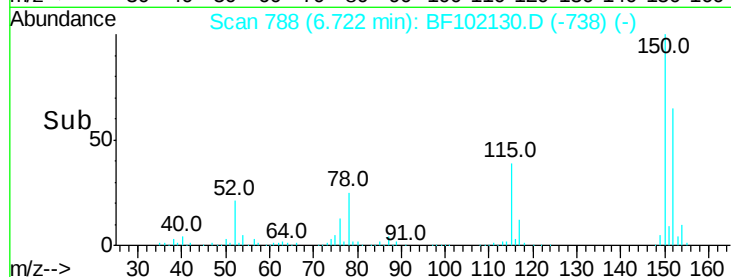
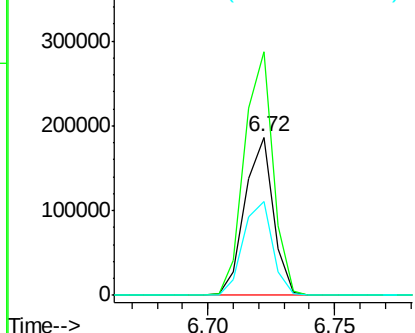
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Instrument :
BNA_F
ClientSampleId :
C-4

Tot Ion:152 Resp: 145275
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 59.5 50.1 75.1



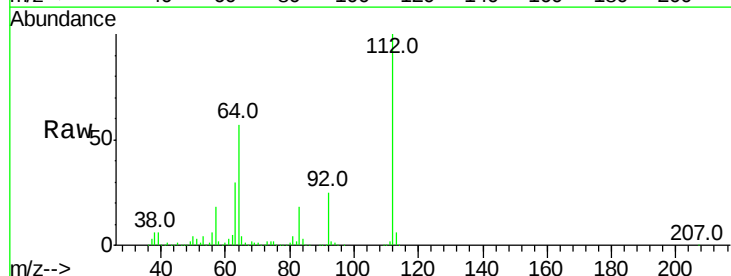
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



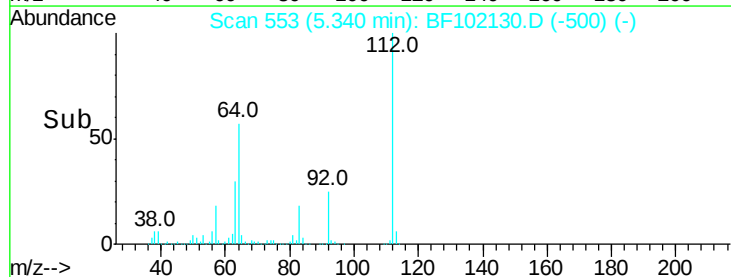
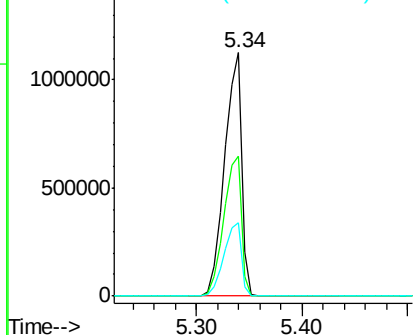
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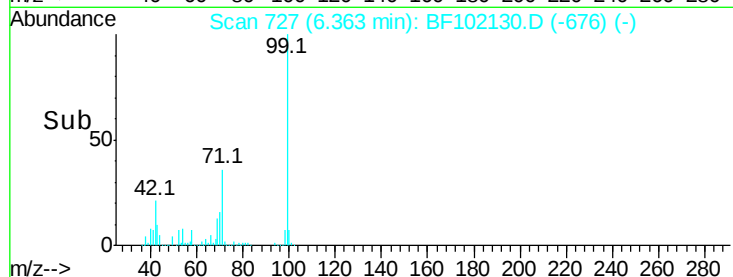
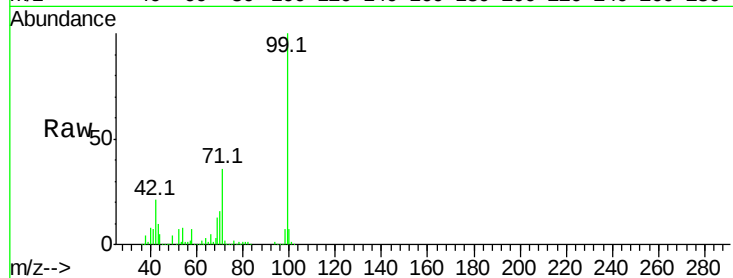
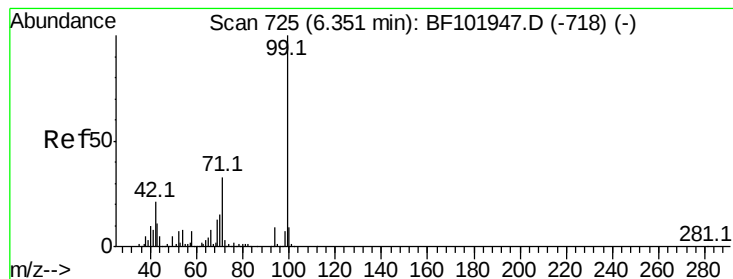
2-Fluorophenol
Concen: 122.536 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion:112 Resp: 1260648
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 30.1 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: 125.595 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

Instrument :

BNA_F

ClientSampleId :

C-4

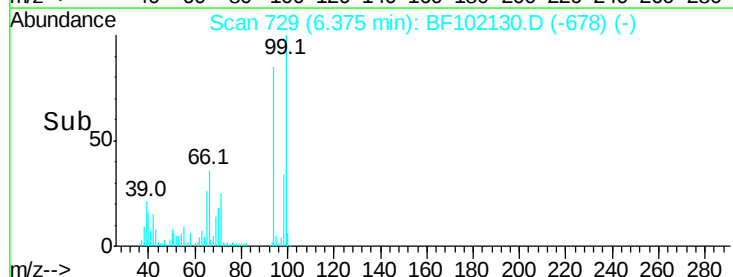
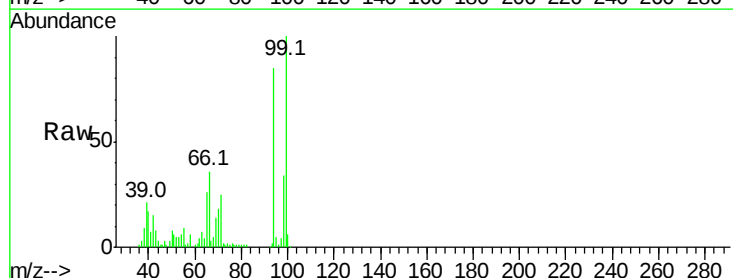
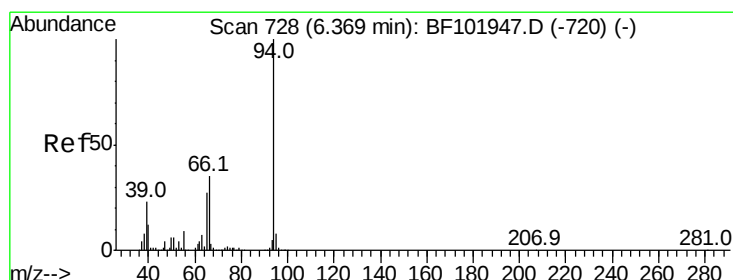
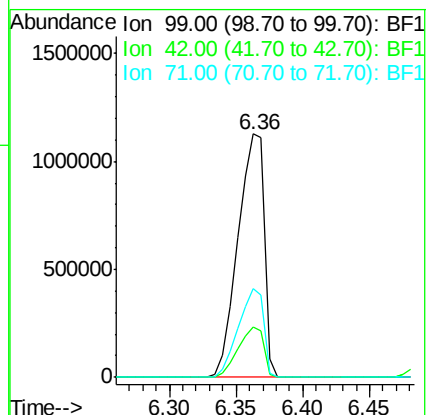
Tot Ion: 99 Resp: 1541631

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 36.4 25.4 38.0



#10

Phenol

Concen: 2.842 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

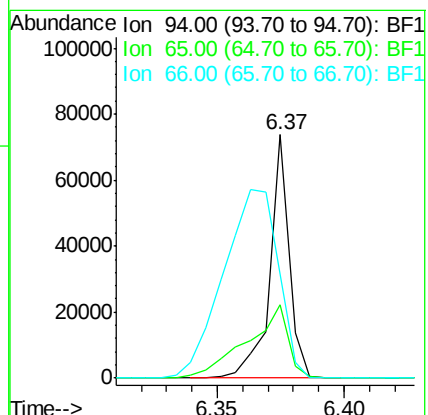
Tgt Ion: 94 Resp: 39420

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

66 42.5 16.2 56.2

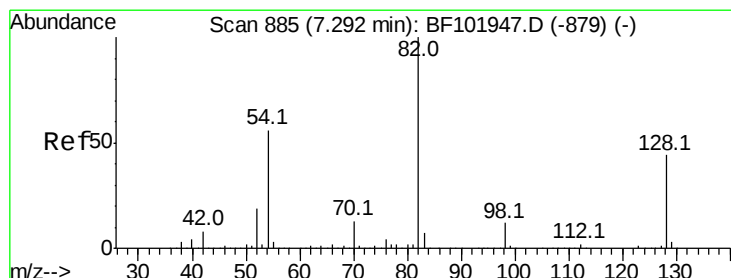
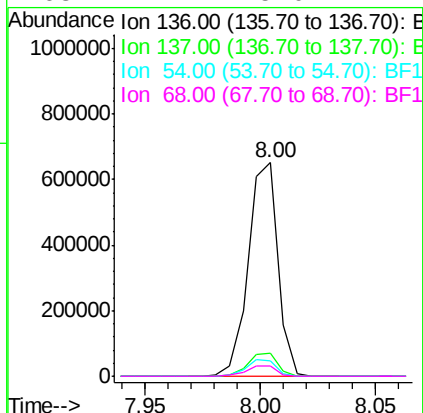
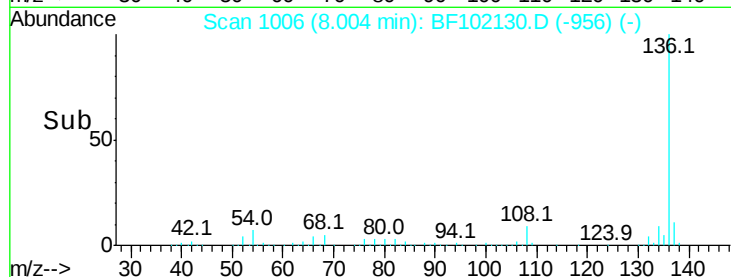
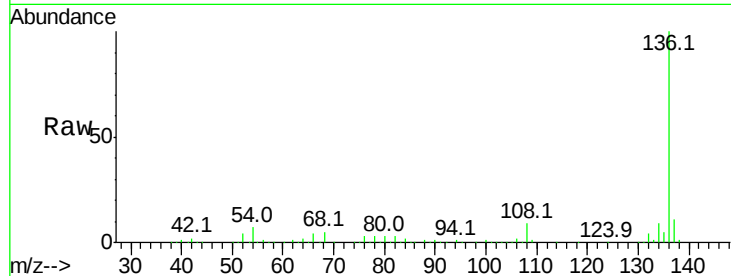




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

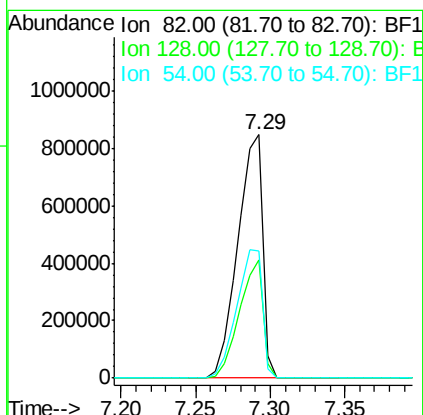
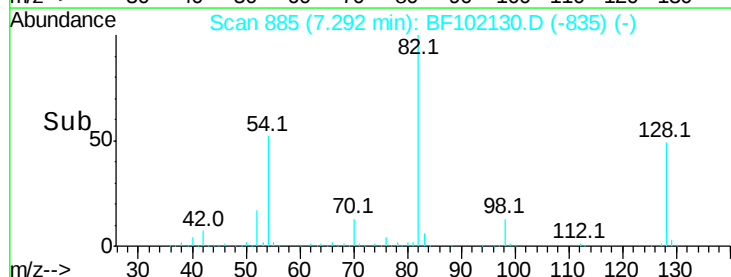
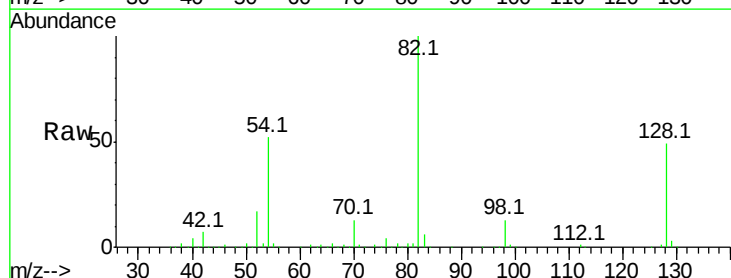
Instrument :
BNA_F
ClientSampleId :
C-4

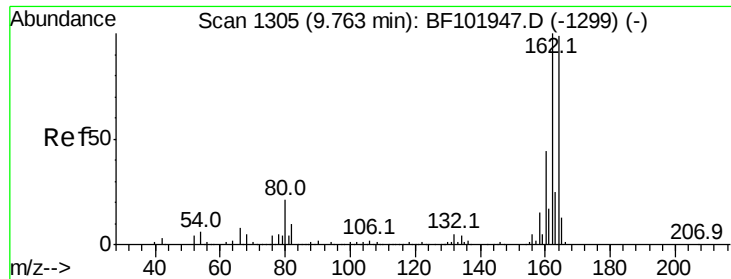
Tot Ion:	136	Resp:	585167
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.2	6.6	9.8
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 99.006 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion:	82	Resp:	985890
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	52.3	41.4	62.2

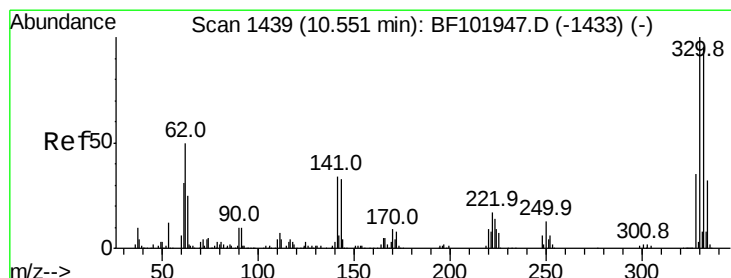
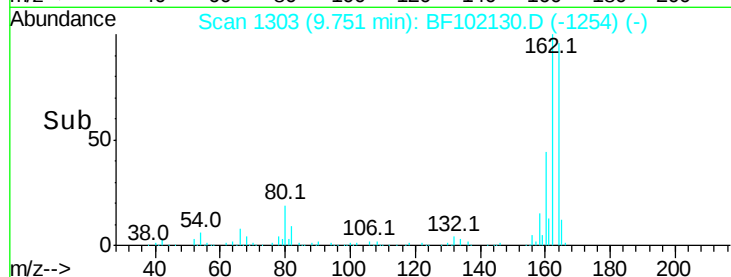
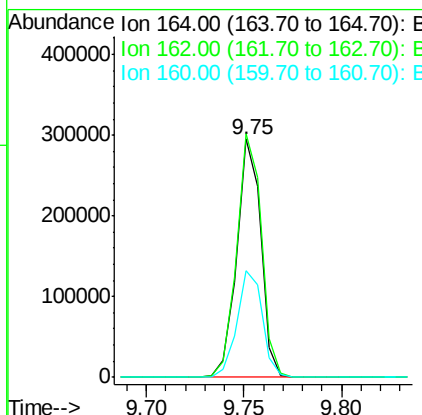
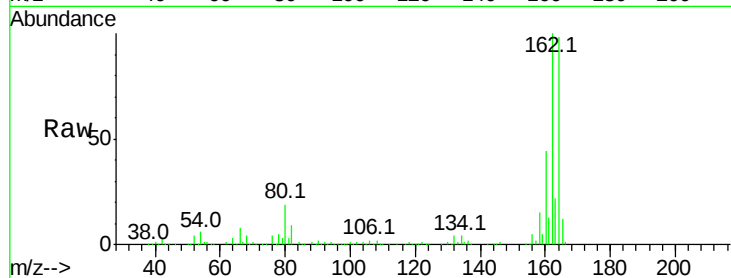




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102130.D
 Acq: 17 Jan 2018 00:36

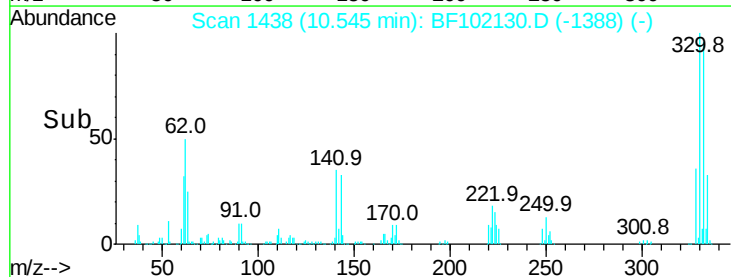
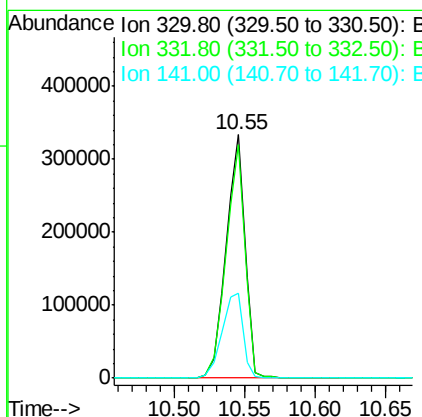
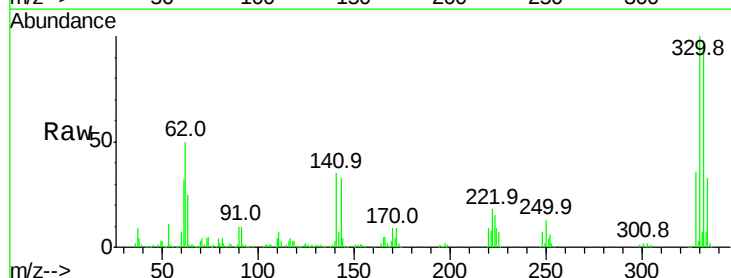
Instrument :
 BNA_F
 ClientSampleId :
 C-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 142.151 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102130.D
 Acq: 17 Jan 2018 00:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	38.5	29.9	44.9



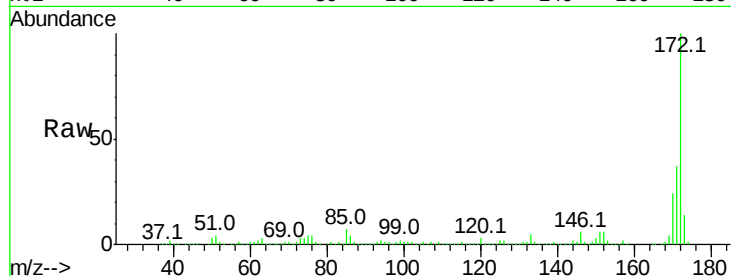


#44
 2-Fluorobiphenyl
 Concen: 104.524 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102130.D
 Acq: 17 Jan 2018 00:36

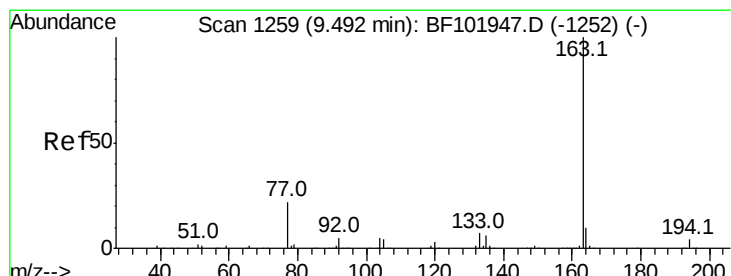
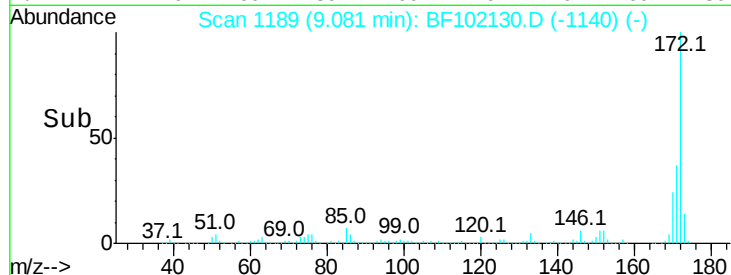
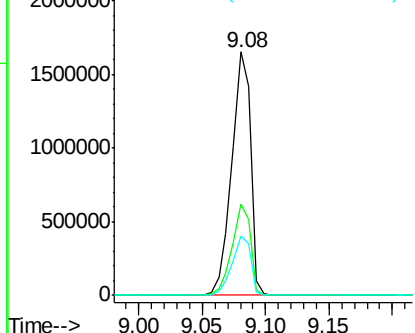
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1688274

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.2	19.6	29.4



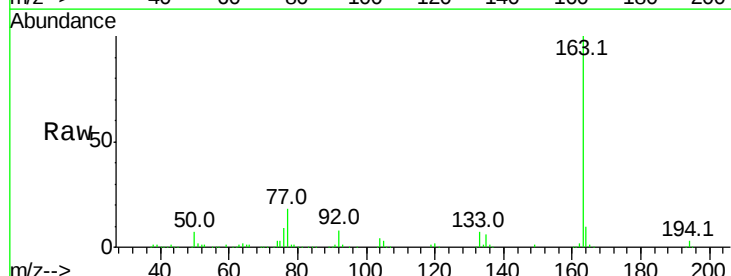
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



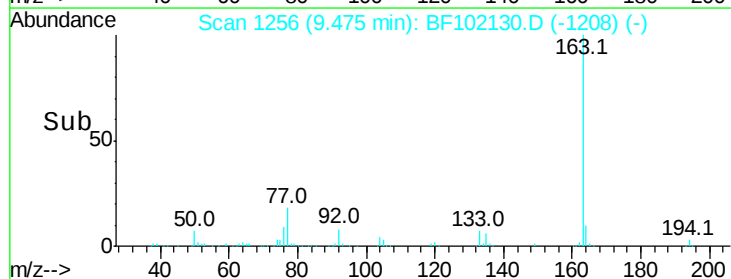
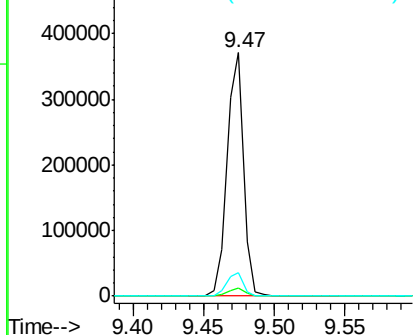
#49
 Dimethylphthalate
 Concen: 14.877 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF102130.D
 Acq: 17 Jan 2018 00:36

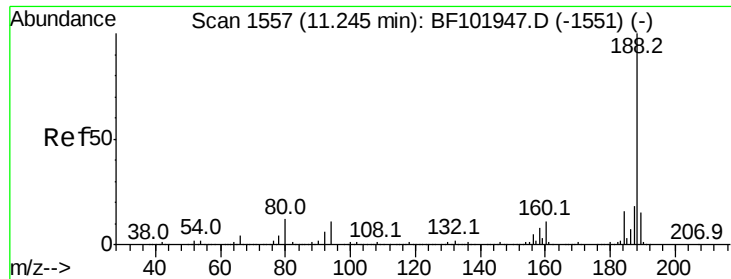
Tgt Ion:163 Resp: 301156

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

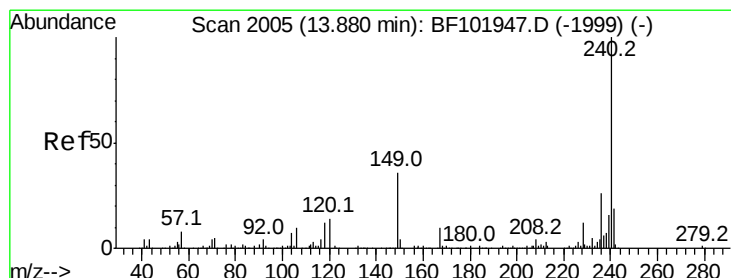
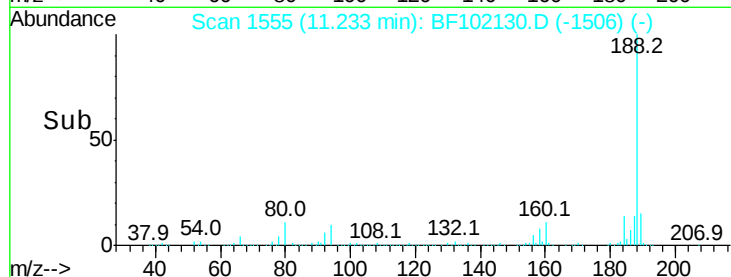
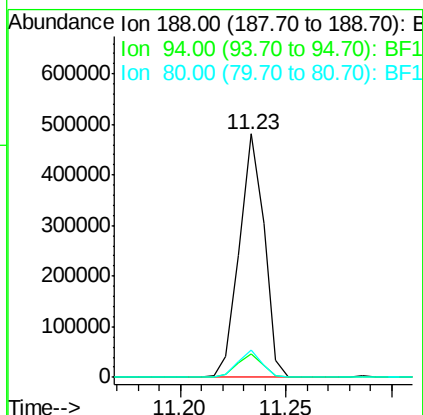
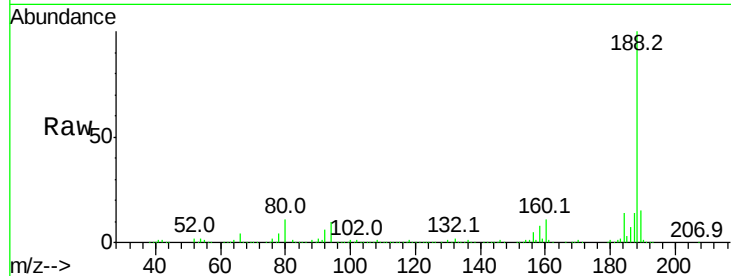




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

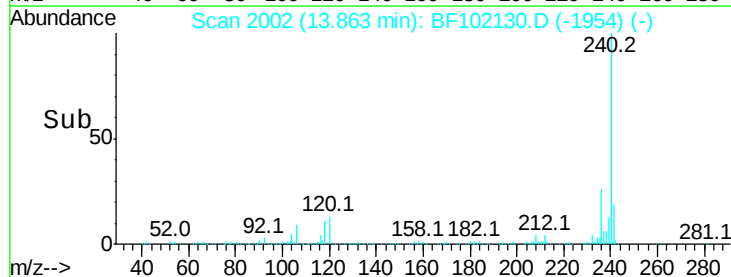
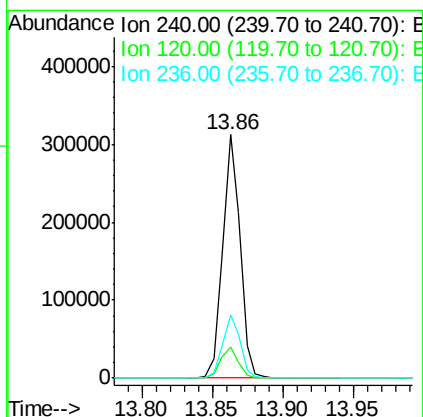
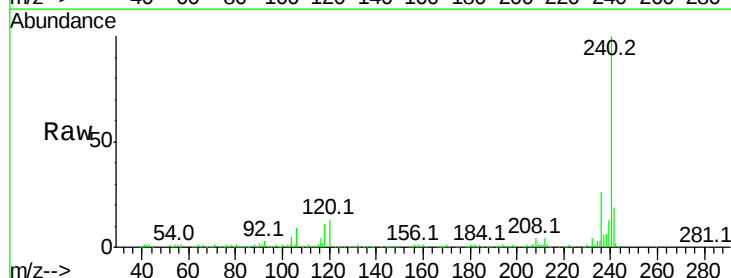
Instrument :
BNA_F
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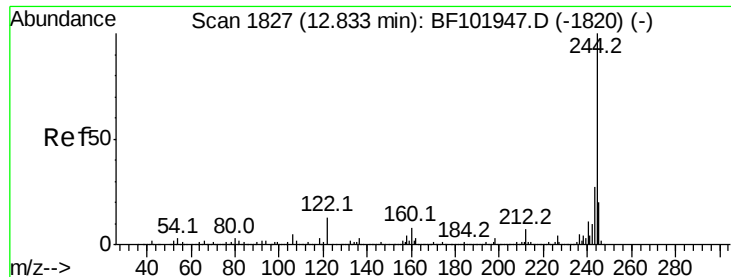
Tot Ion:188 Resp: 392513
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102130.D
Acq: 17 Jan 2018 00:36

Tgt Ion:240 Resp: 267630
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 96.003 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

Instrument :

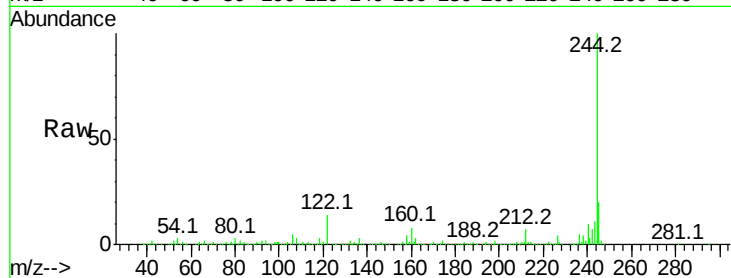
BNA_F

ClientSampleId :

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Tot Ion:244 Resp: 1237478

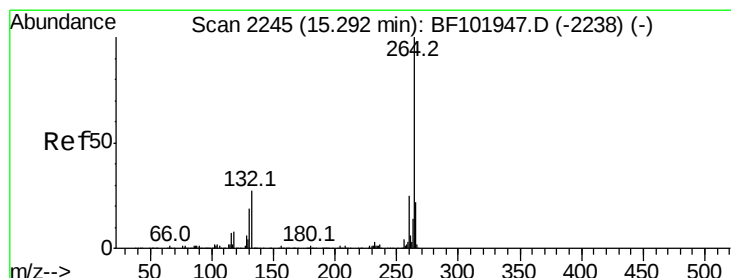
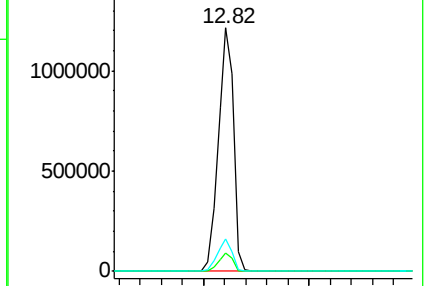
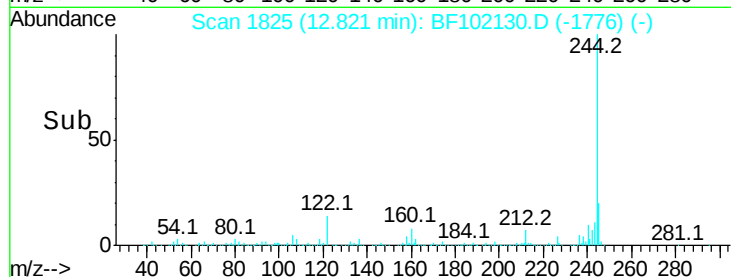
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.5	11.0	16.4



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: 15.28 min Scan# 2243

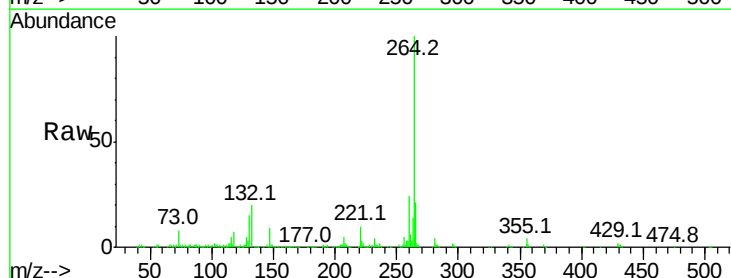
Delta R.T. -0.01 min

Lab File: BF102130.D

Acq: 17 Jan 2018 00:36

Tgt Ion:264 Resp: 253717

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	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

