

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102734.D
 Acq On : 5 Feb 2018 13:34
 Operator : SJ/JU
 Sample : J1424-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRR-1-COMP

Quant Time: Feb 05 16:35:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

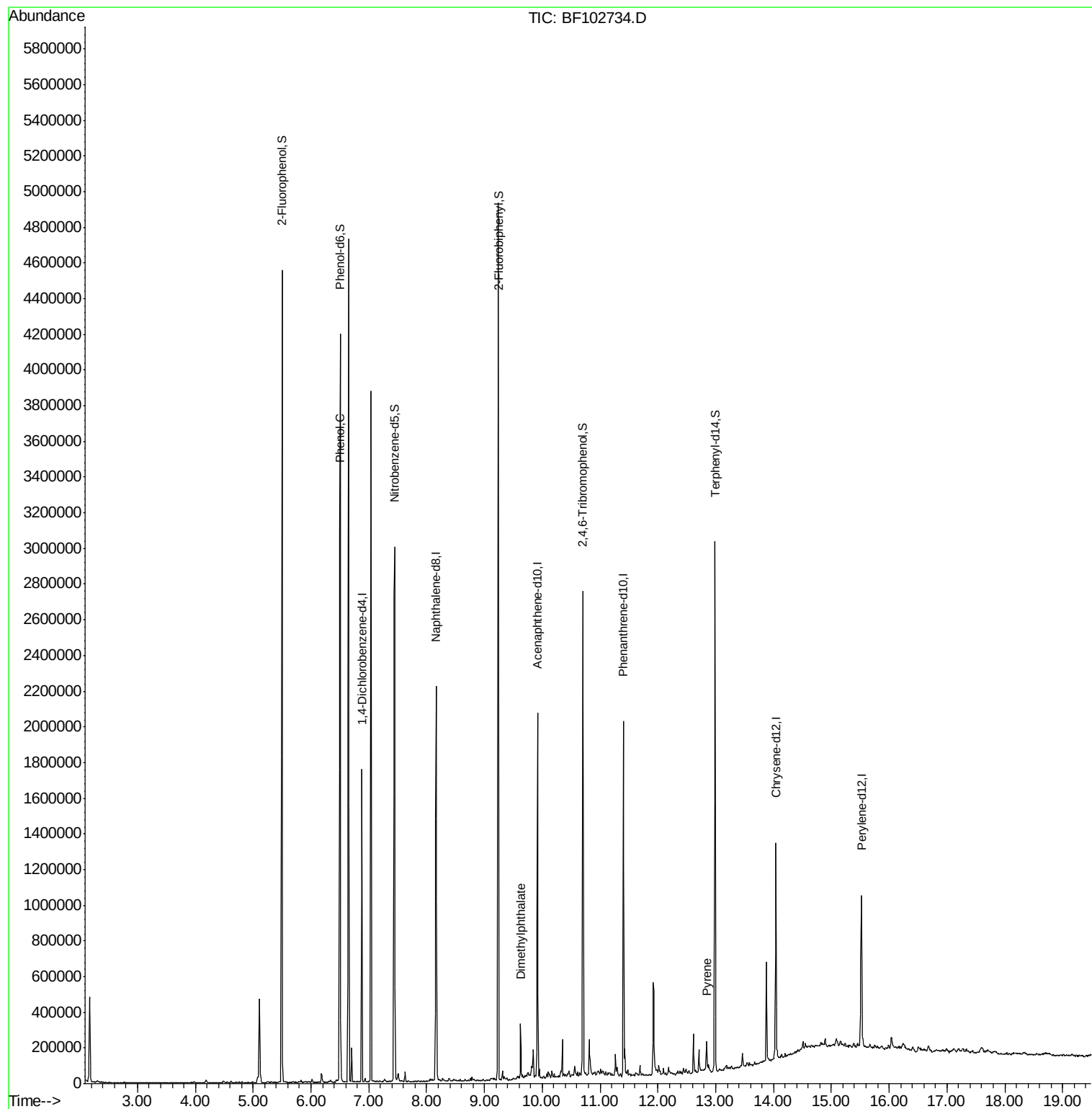
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	222562	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	903176	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	402232	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	634418	20.00	ng	0.00
75) Chrysene-d12	14.04	240	398975	20.00	ng	-0.01
86) Perylene-d12	15.52	264	384676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1283149	87.56	ng	0.00
7) Phenol-d6	6.50	99	1576707	89.35	ng	0.00
23) Nitrobenzene-d5	7.45	82	982275	75.45	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	296515	91.59	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1490208	61.48	ng	0.00
78) Terphenyl-d14	12.99	244	1034573	61.40	ng	0.00
Target Compounds						
10) Phenol	6.52	94	38270	2.024	ng	99
49) Dimethylphthalate	9.63	163	96203	3.067	ng	99
77) Pyrene	12.84	202	66810	2.135	ng	98

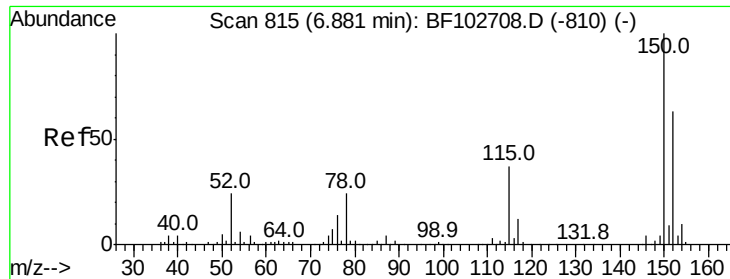
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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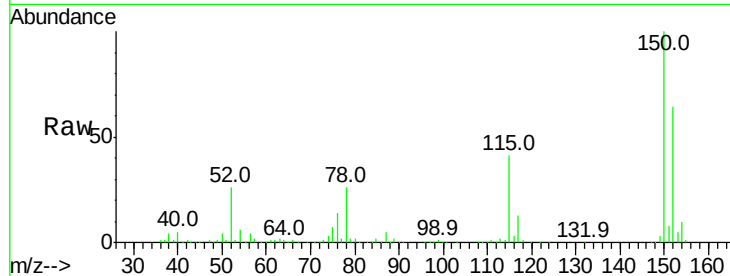


#1

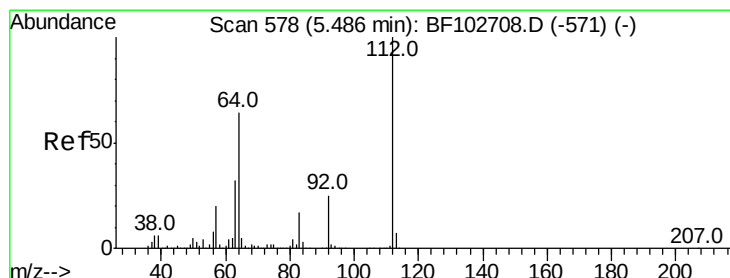
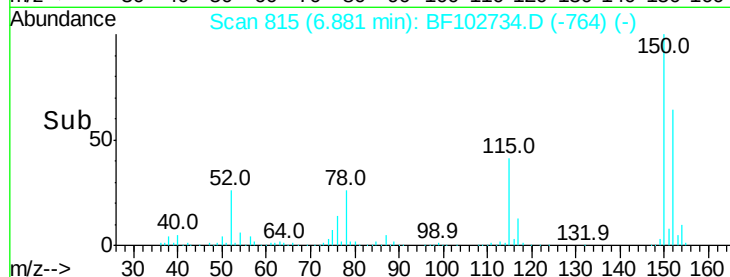
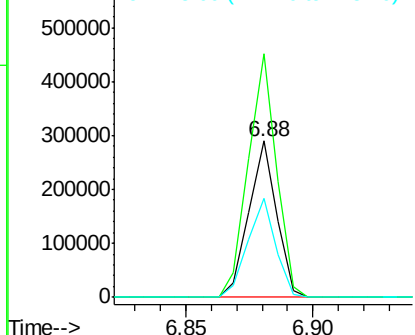
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Instrument :
BNA_F
ClientSampleId :
IRRC-1-COMP

Tot Ion:152 Resp: 222562
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.4 50.1 75.1



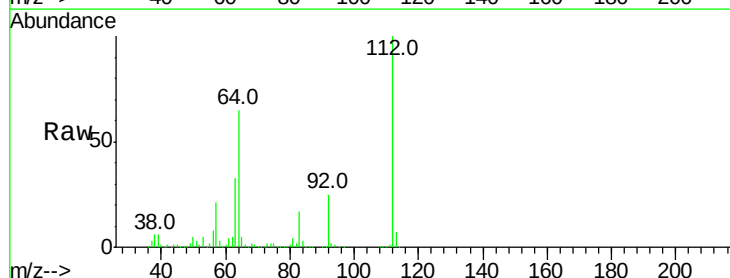
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



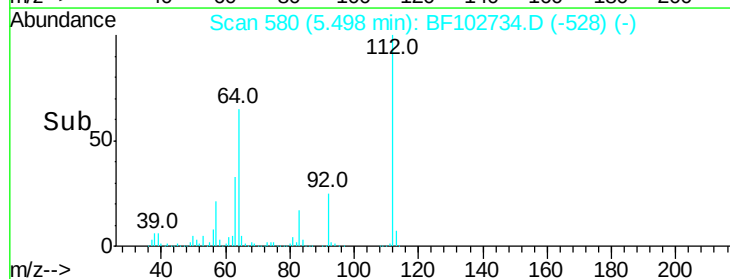
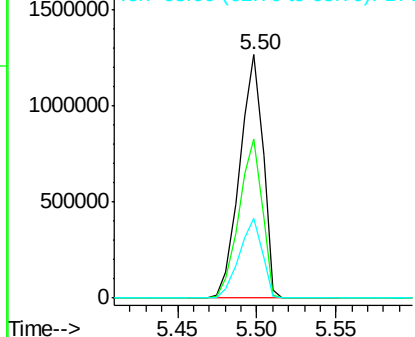
#5

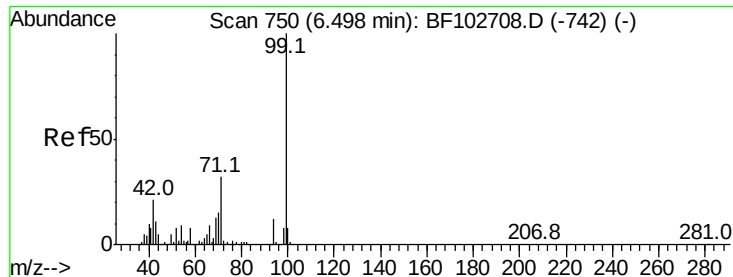
2-Fluorophenol
Concen: 87.557 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Tgt Ion:112 Resp: 1283149
Ion Ratio Lower Upper
112 100
64 65.3 47.9 71.9
63 32.7 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: 89.353 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102734.D

Acq: 5 Feb 2018 13:34

Instrument :

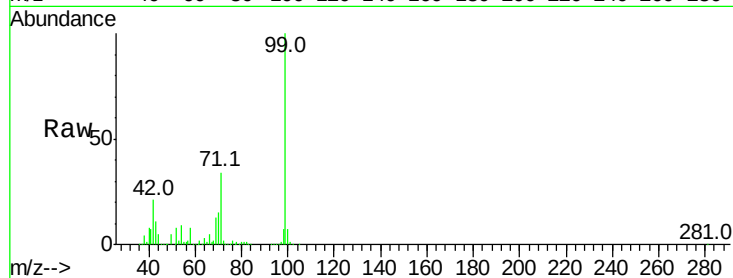
BNA_F

ClientSampleId :

IRRC-1-COMP

Tot Ion: 99 Resp: 1576707

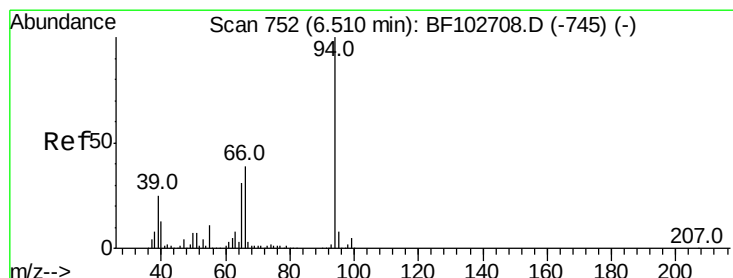
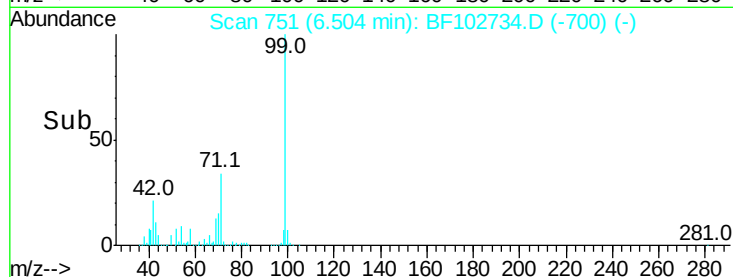
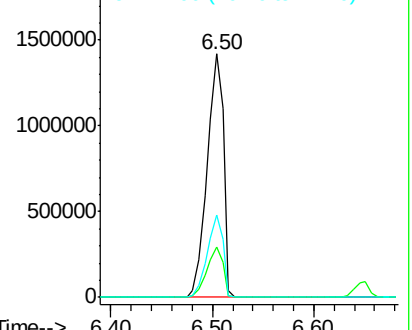
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	34.0	25.4	38.0



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



#10

Phenol

Concen: 2.024 ng

RT: 6.52 min Scan# 753

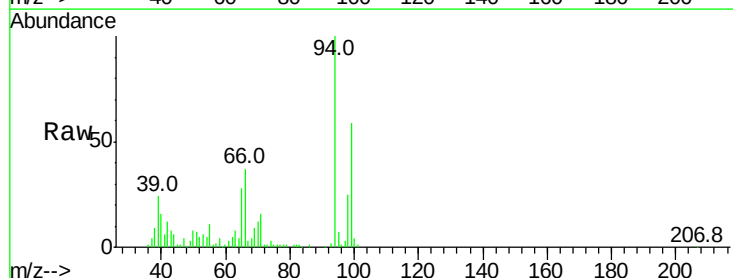
Delta R.T. -0.01 min

Lab File: BF102734.D

Acq: 5 Feb 2018 13:34

Tgt Ion: 94 Resp: 38270

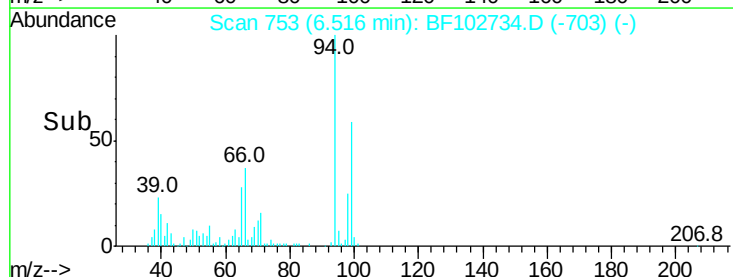
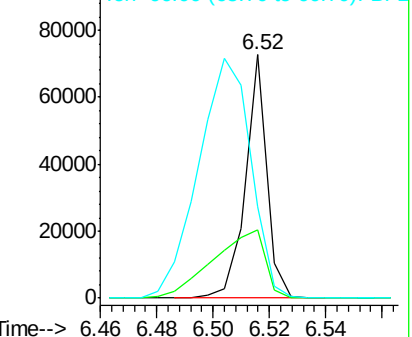
Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	37.4	16.2	56.2

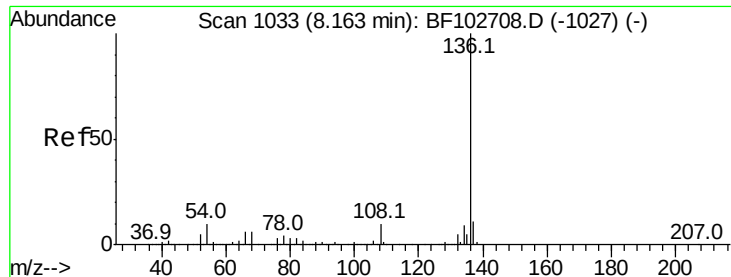


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

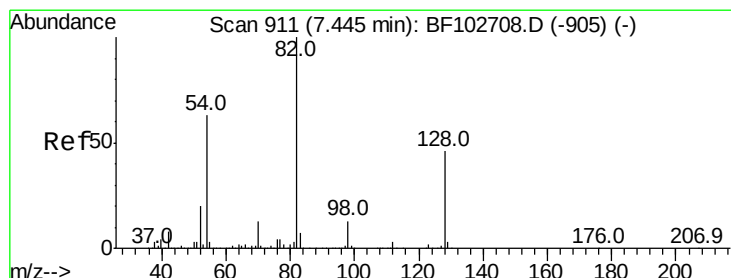
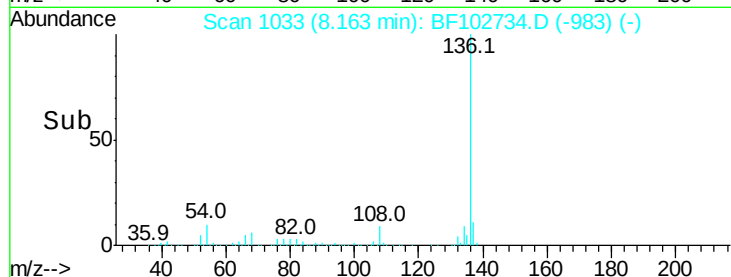
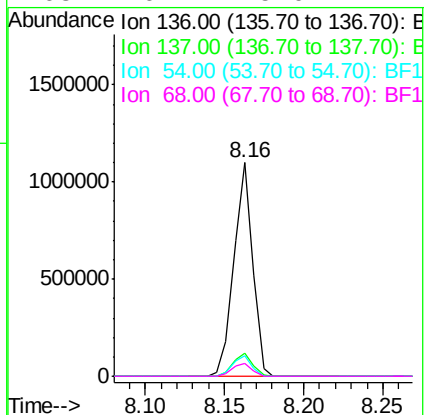
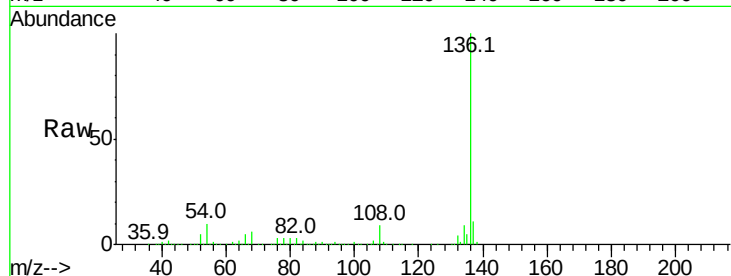




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

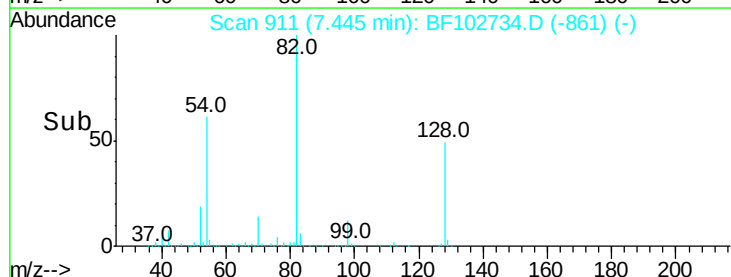
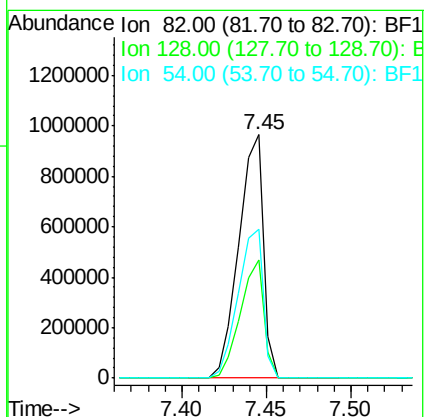
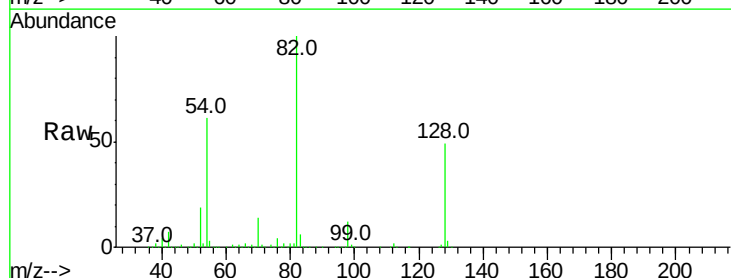
Instrument :
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ClientSampleId :
IRRC-1-COMP

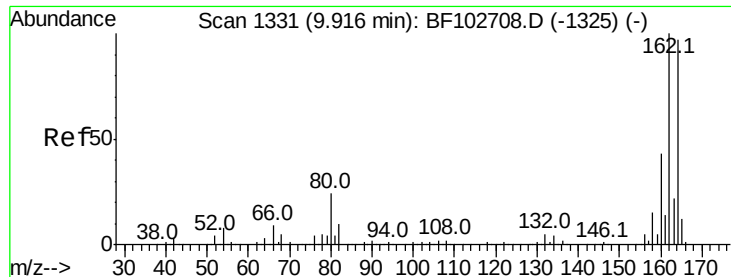
Tot Ion:136	Resp:	903176
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.9	6.6 9.8#
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 75.446 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Tgt Ion: 82	Resp:	982275
Ion Ratio	Lower	Upper
82	100	
128	48.5	36.1 54.1
54	61.0	41.4 62.2

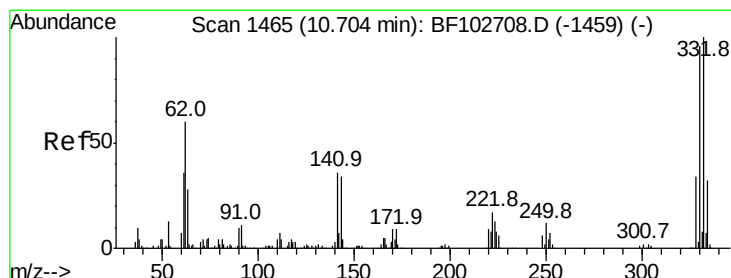
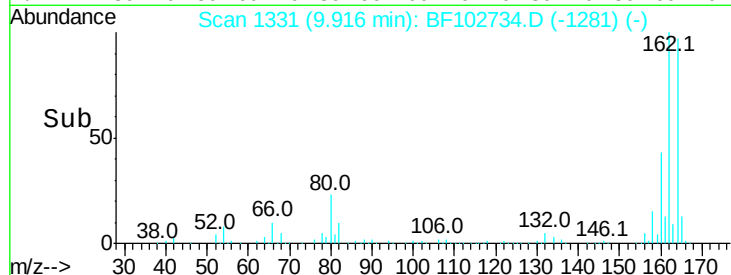
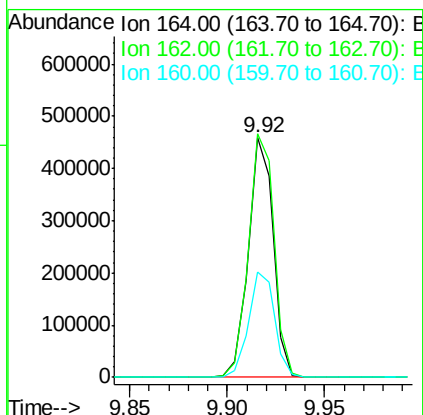
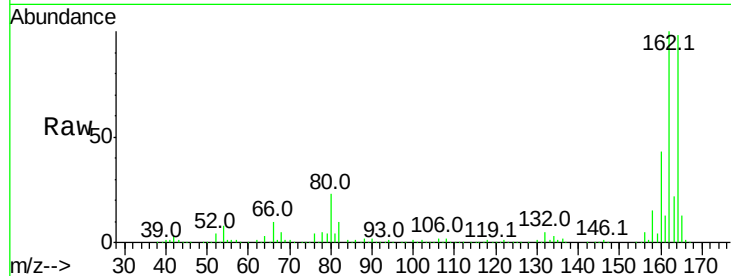




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

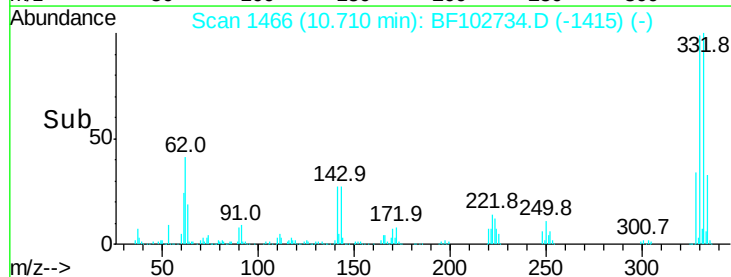
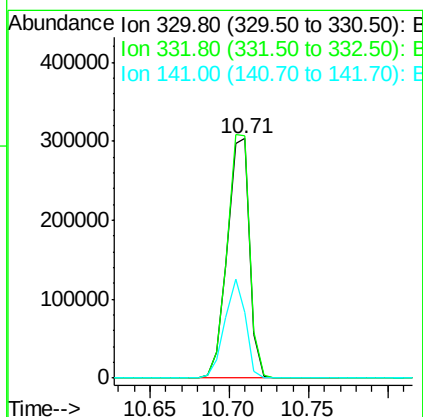
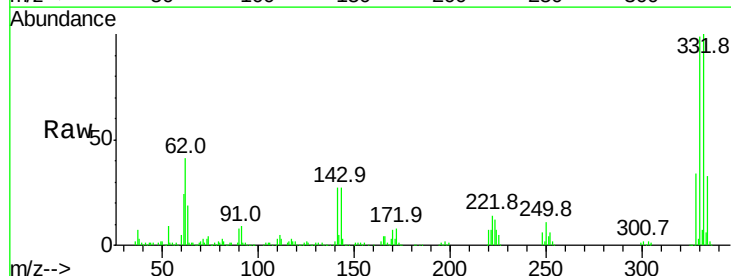
Instrument :
BNA_F
ClientSampleId :
IRRC-1-COMP

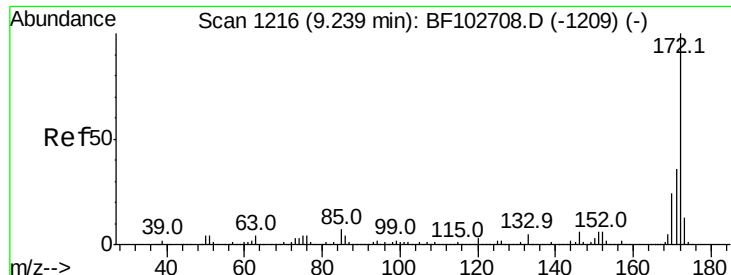
Tot Ion:164 Resp: 402232
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 43.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 91.588 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Tgt Ion:330 Resp: 296515
Ion Ratio Lower Upper
330 100
332 102.3 77.0 115.6
141 38.8 29.9 44.9



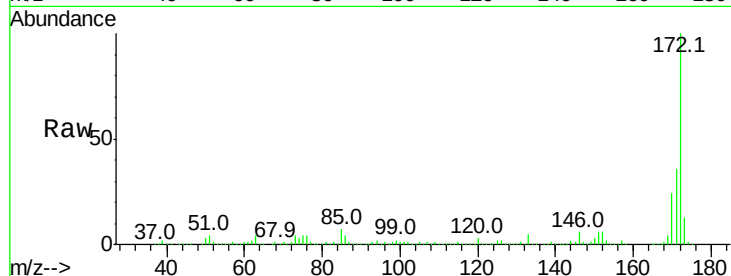


#44
 2-Fluorobiphenyl
 Concen: 61.477 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102734.D
 Acq: 5 Feb 2018 13:34

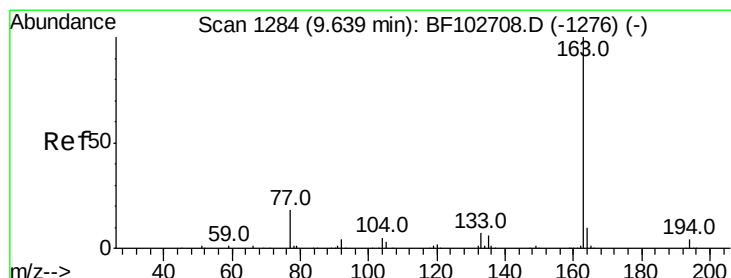
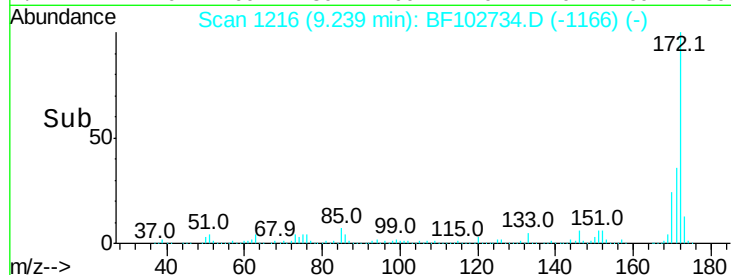
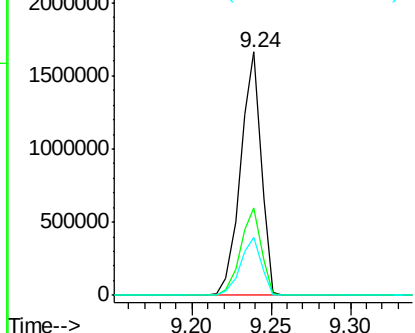
Instrument :
 BNA_F
 ClientSampleId :
 IRR-1-COMP

Tot Ion:172 Resp: 1490208

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4



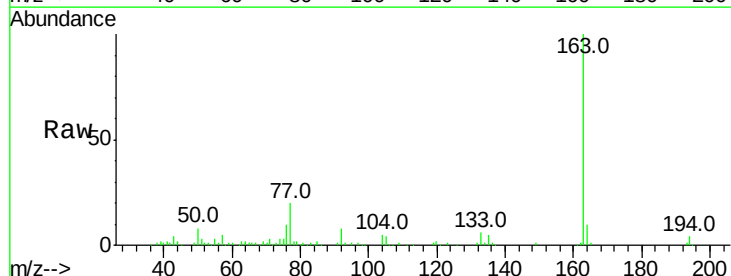
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



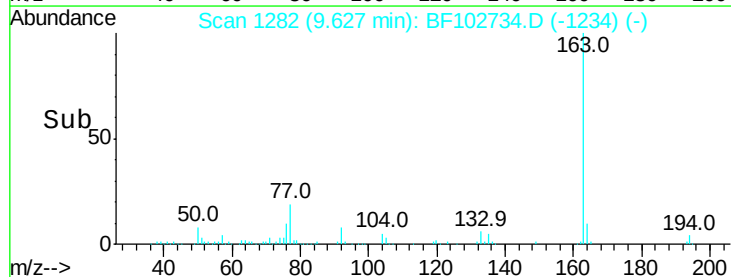
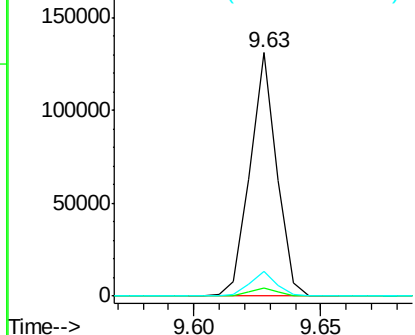
#49
 Dimethylphthalate
 Concen: 3.067 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF102734.D
 Acq: 5 Feb 2018 13:34

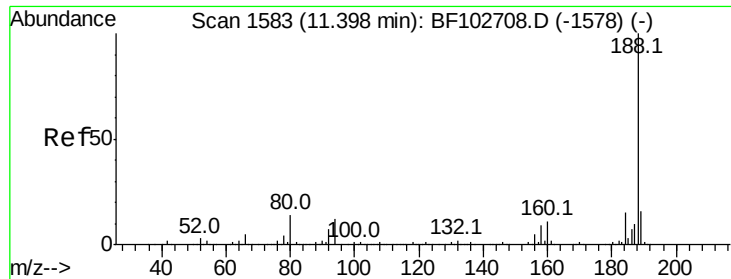
Tgt Ion:163 Resp: 96203

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	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

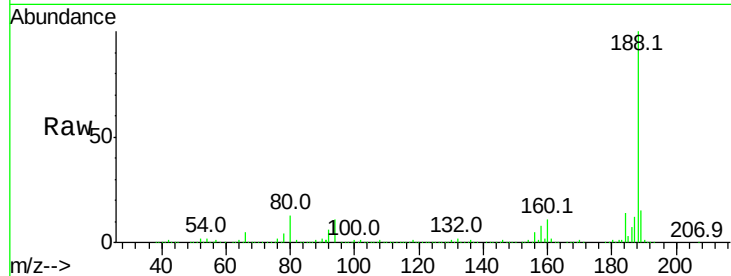




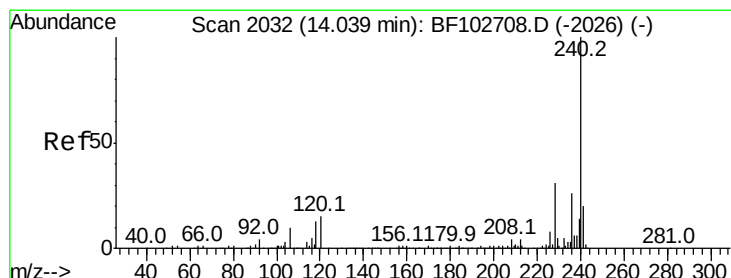
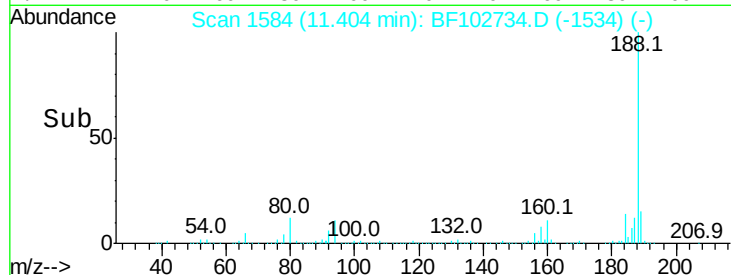
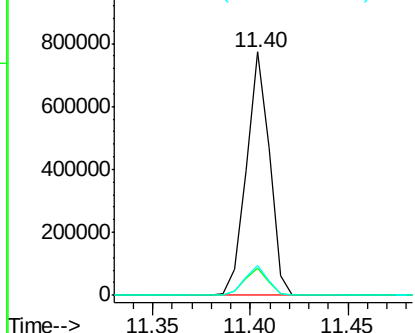
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Instrument :
BNA_F
ClientSampleId :
IRRC-1-COMP

Tot Ion:188 Resp: 634418
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.5 9.2 13.8

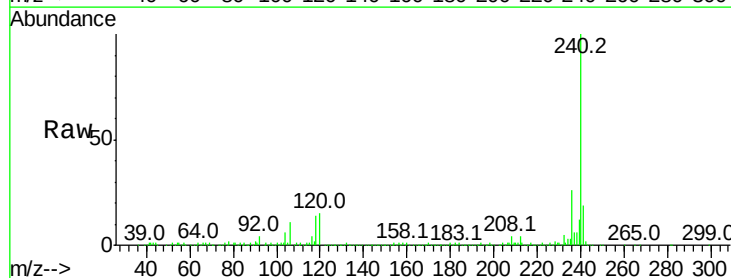


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

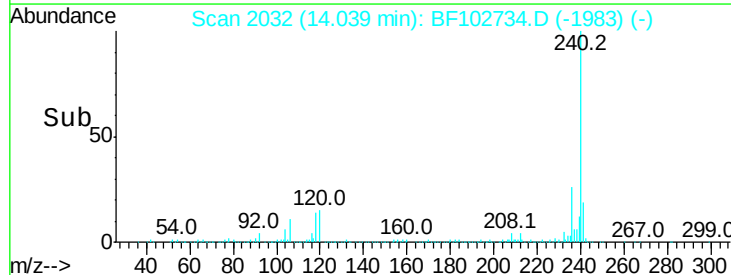
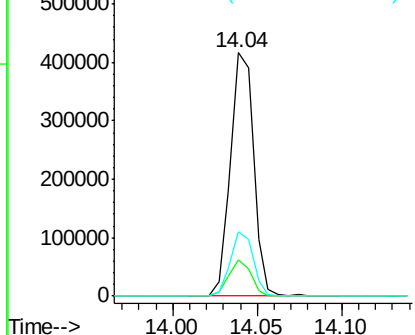


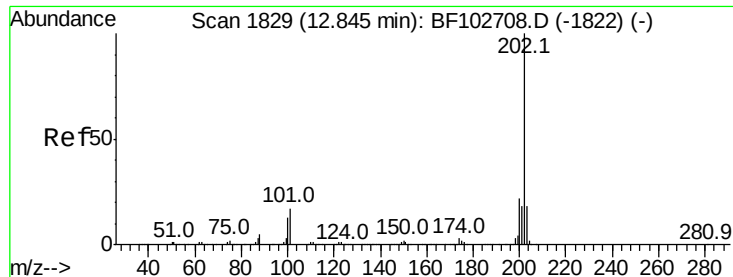
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Tgt Ion:240 Resp: 398975
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 26.4 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

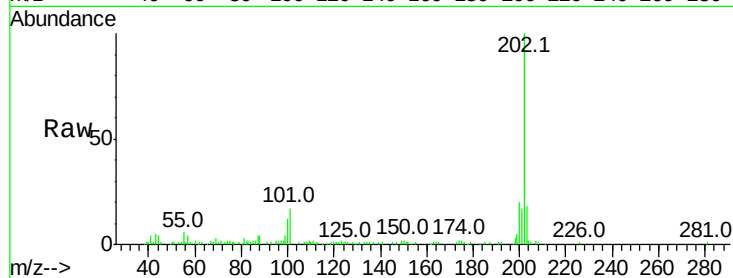




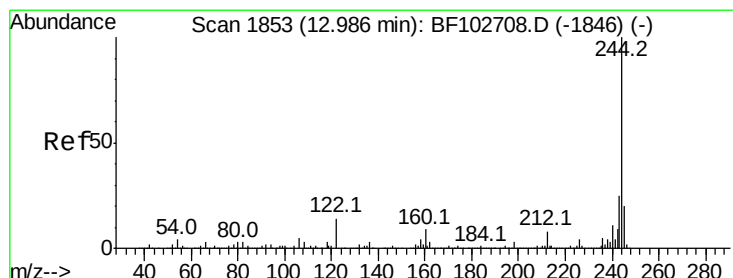
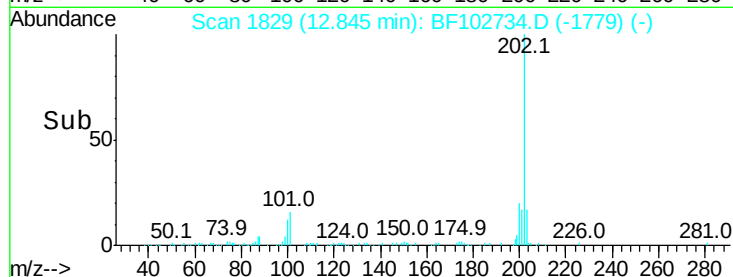
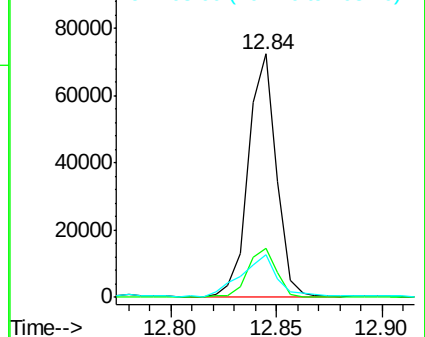
#77
Pvrene
Concen: 2.135 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Instrument :
BNA_F
ClientSampleId :
IRRC-1-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.5	14.3	21.5

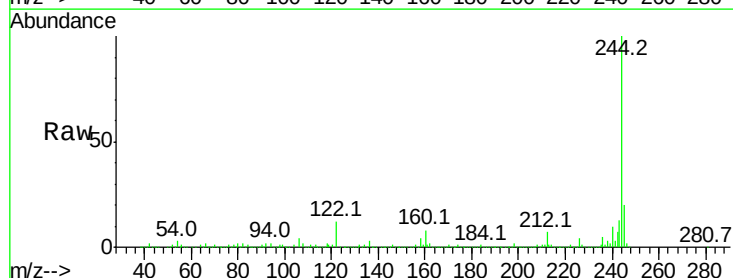


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

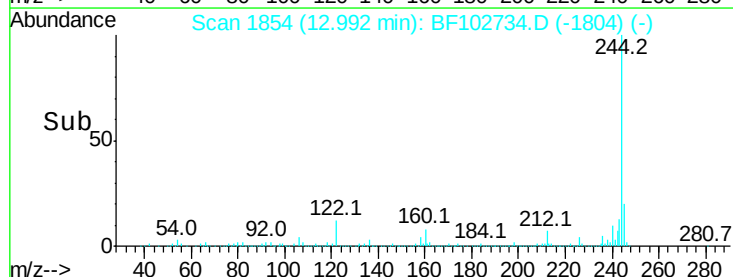
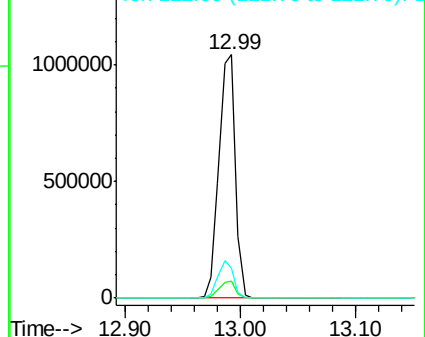


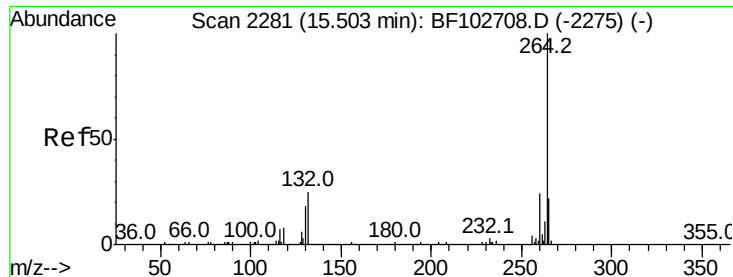
#78
Terphenyl-d14
Concen: 61.398 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	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
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102734.D
Acq: 5 Feb 2018 13:34

Instrument :
BNA_F
ClientSampleId :
IRRC-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.5	26.3

