

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104413.D
 Acq On : 10 Apr 2018 17:13
 Operator : JU/SJ
 Sample : J2297-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-3-1

Quant Time: Apr 10 18:23:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

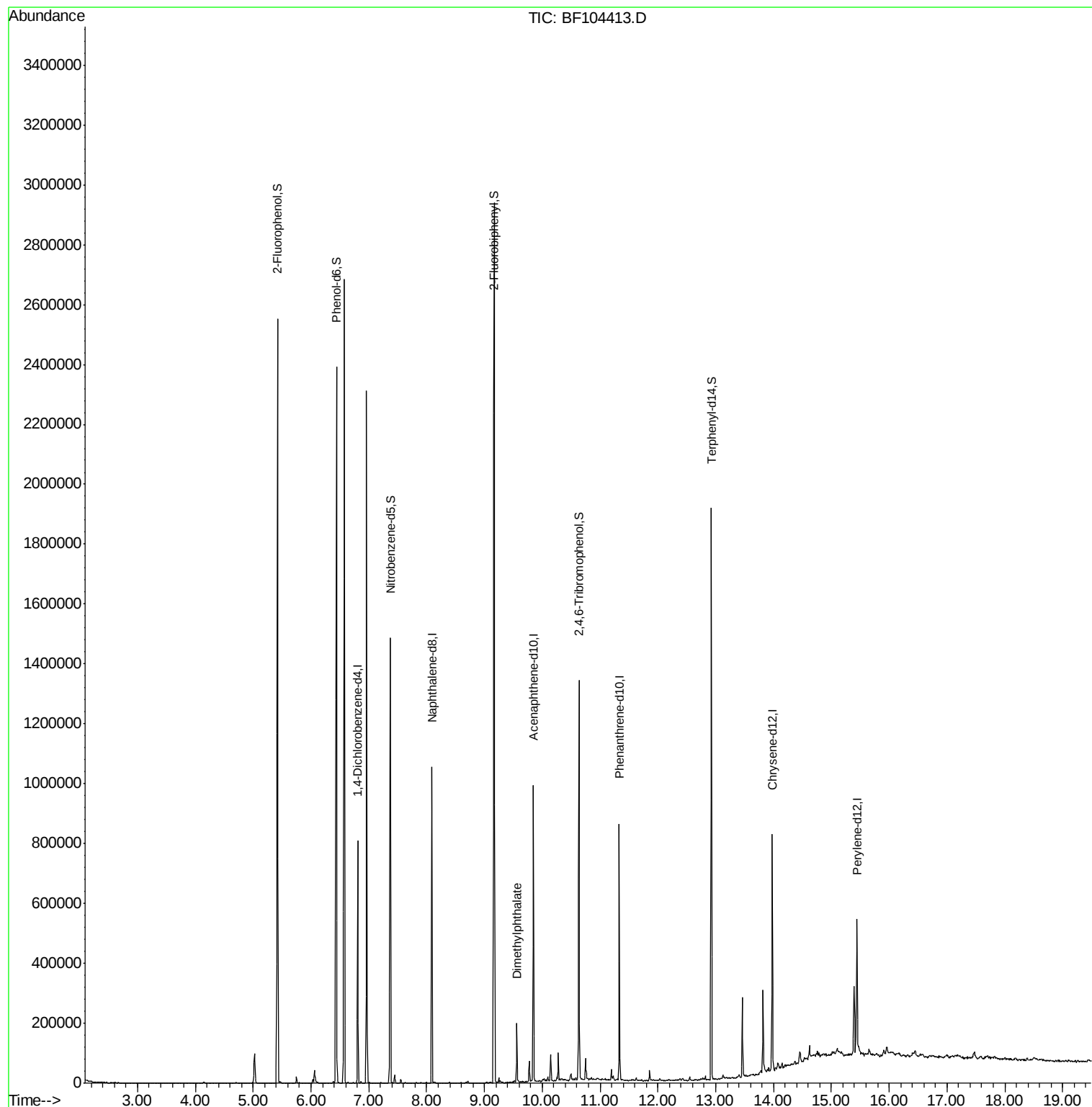
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120904	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	467232	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	184496	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	271383	20.00	ng	0.00
75) Chrysene-d12	13.98	240	261323	20.00	ng	0.00
86) Perylene-d12	15.44	264	182034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	754304	95.40	ng	0.01
7) Phenol-d6	6.44	99	904964	93.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	544129	76.04	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	160298	83.76	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	873745	74.81	ng	0.00
78) Terphenyl-d14	12.93	244	670144	58.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	75349	5.179	ng	99

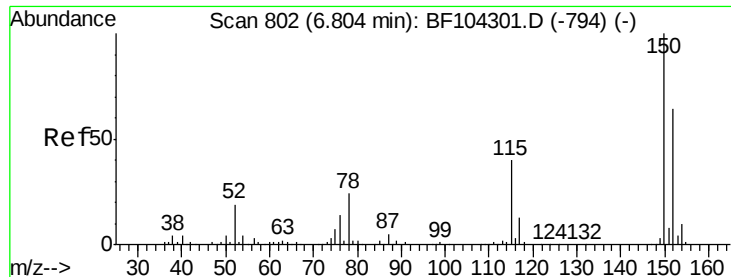
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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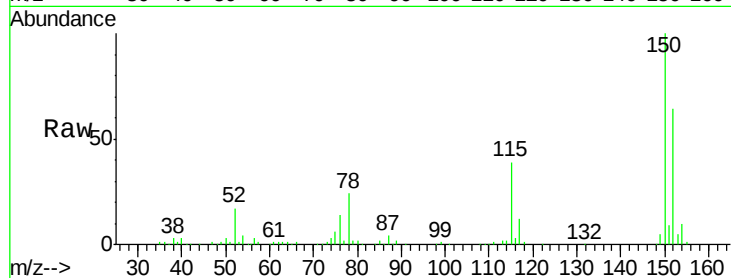


#1

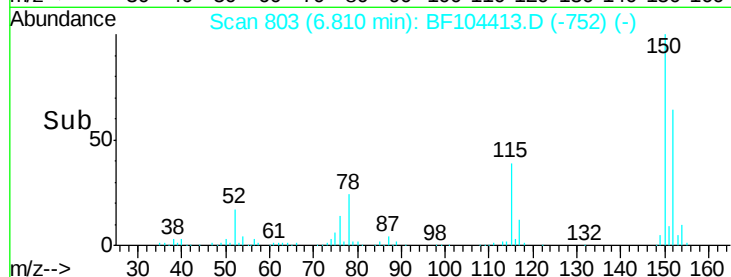
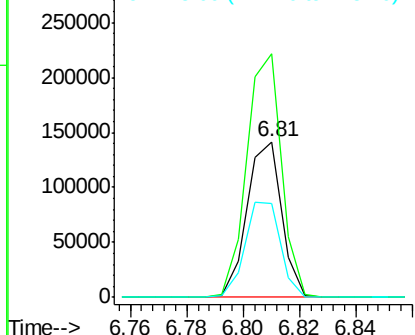
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-3-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.4	50.1	75.1



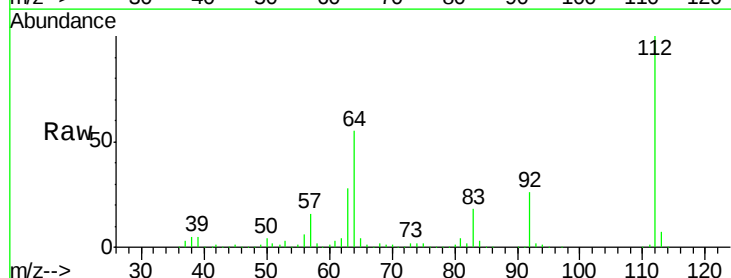
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



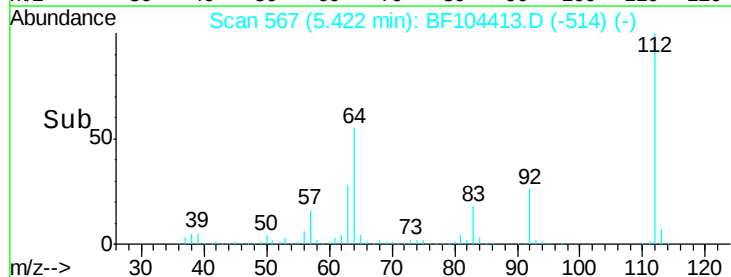
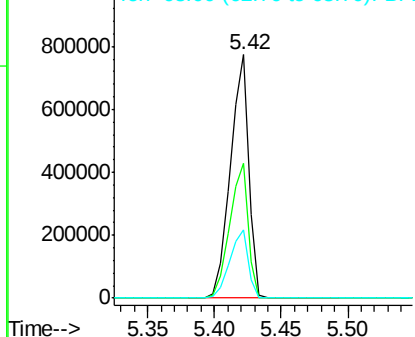
#5

2-Fluorophenol
 Concen: 95.396 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.0	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: 93.149 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Instrument :

BNA_F

ClientSampleId :

RO-3-1

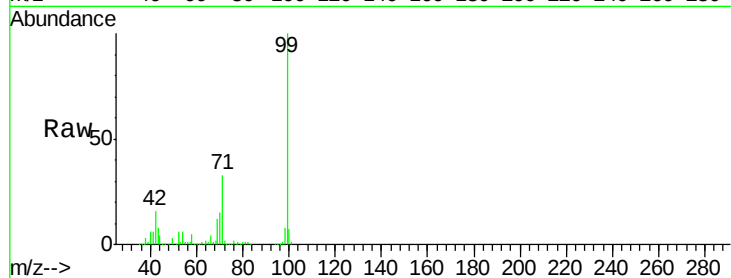
Tot Ion: 99 Resp: 904964

Ion Ratio Lower Upper

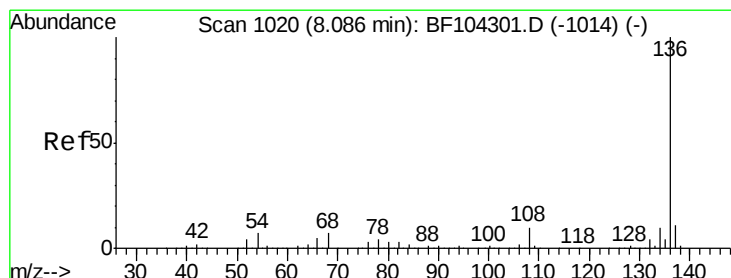
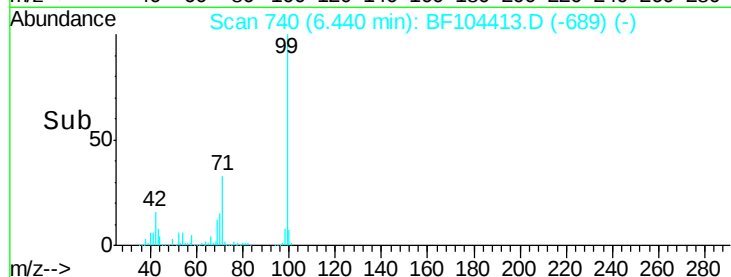
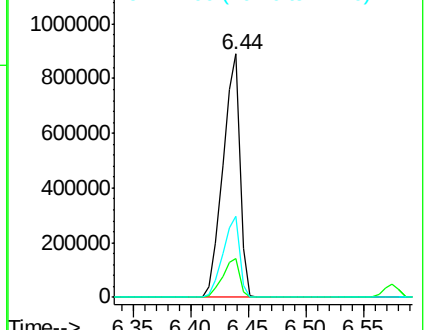
99 100

42 16.0 14.5 21.7

71 33.2 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: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Tgt Ion: 136 Resp: 467232

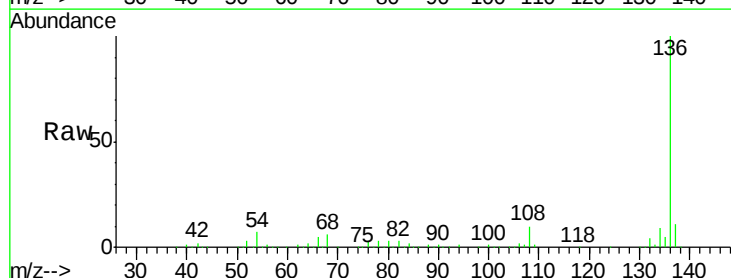
Ion Ratio Lower Upper

136 100

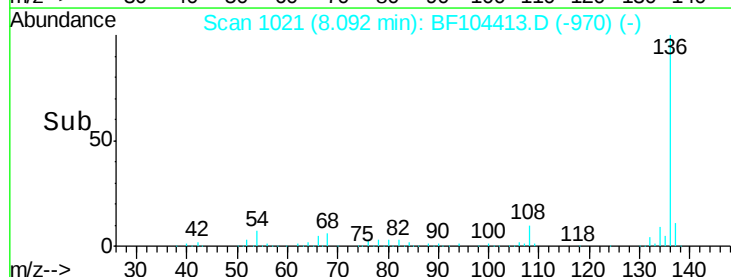
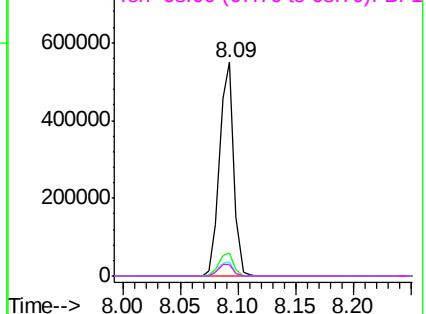
137 10.7 8.9 13.3

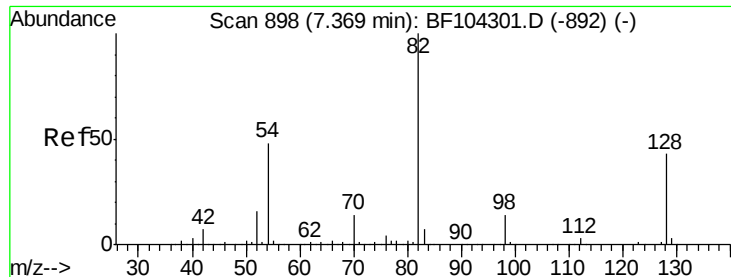
54 6.6 6.6 9.8

68 5.7 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

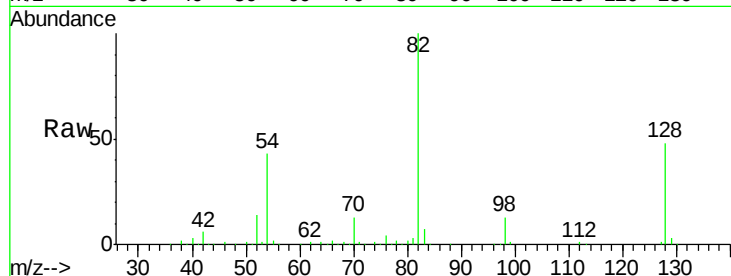




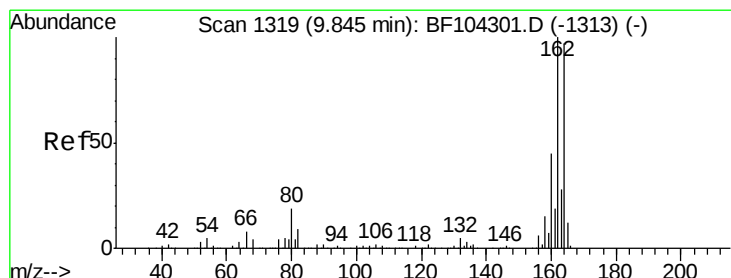
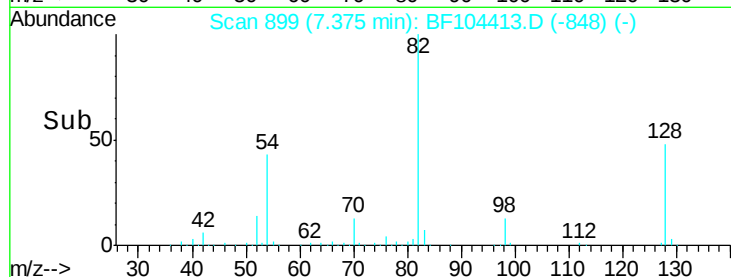
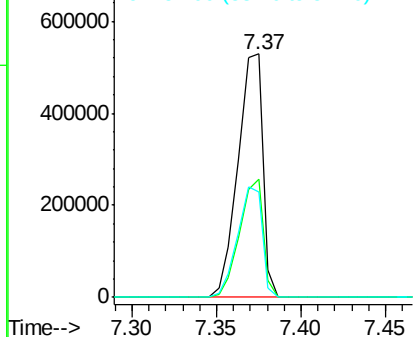
#23
 Nitrobenzene-d5
 Concen: 76.045 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-3-1

Tot Ion: 82 Resp: 544129
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 43.2 41.4 62.2

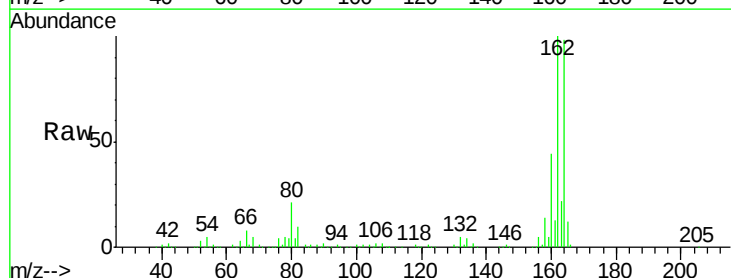


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

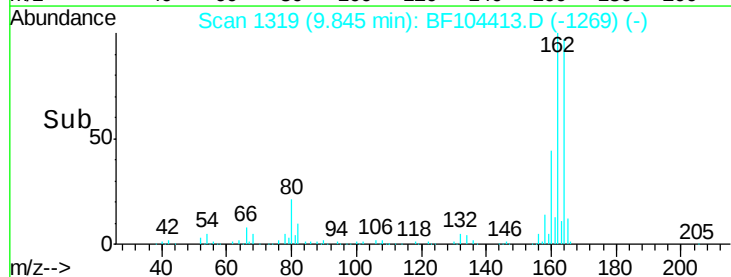
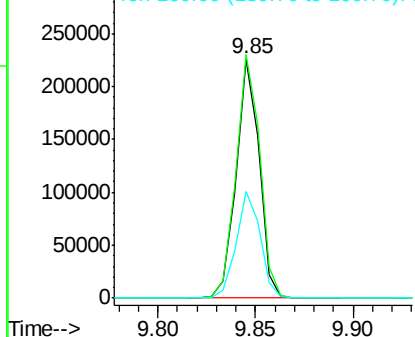


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Tgt Ion:164 Resp: 184496
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

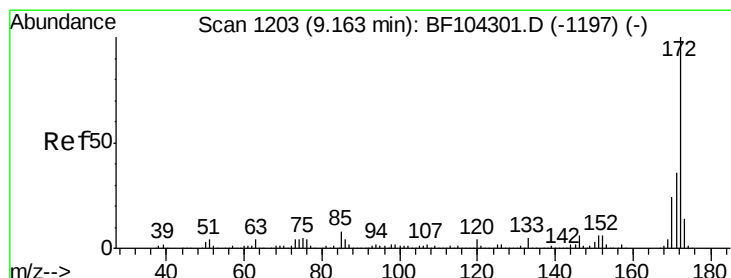
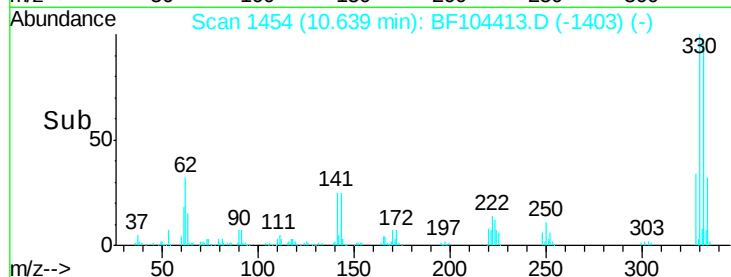
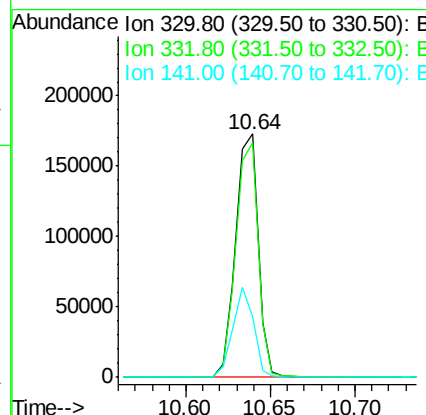
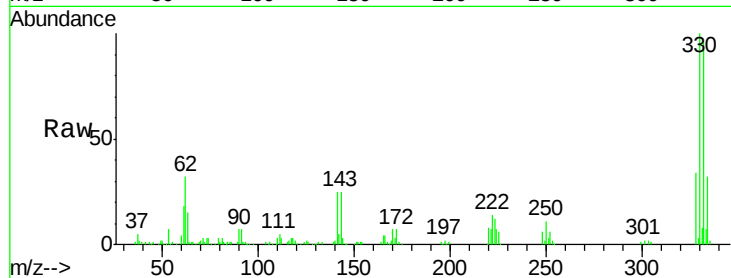




#41
 2,4,6-Tribromophenol
 Concen: 83.758 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

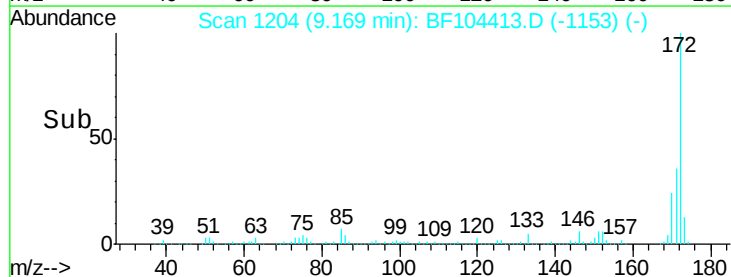
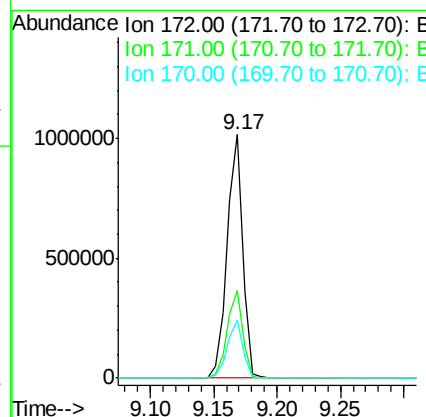
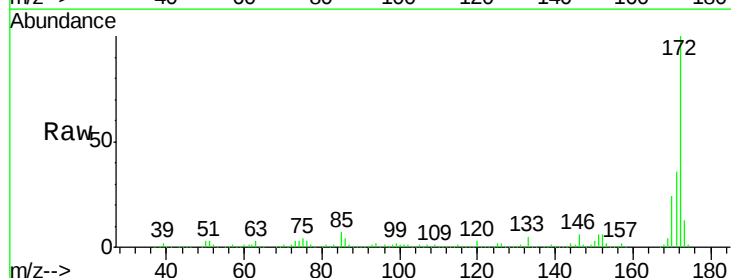
Instrument :
 BNA_F
 ClientSampleId :
 RO-3-1

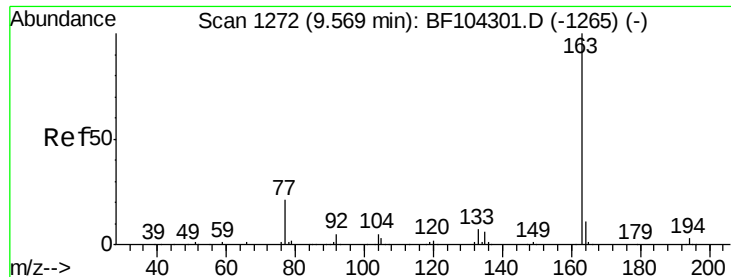
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.815 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104413.D
 Acq: 10 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

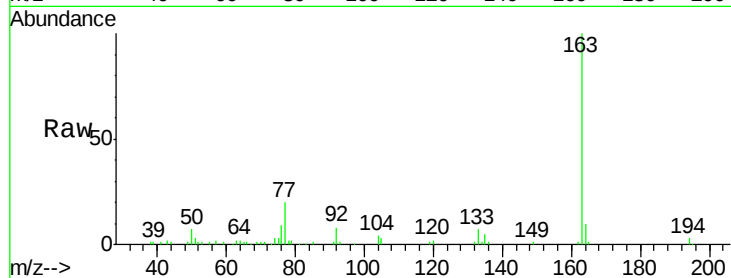




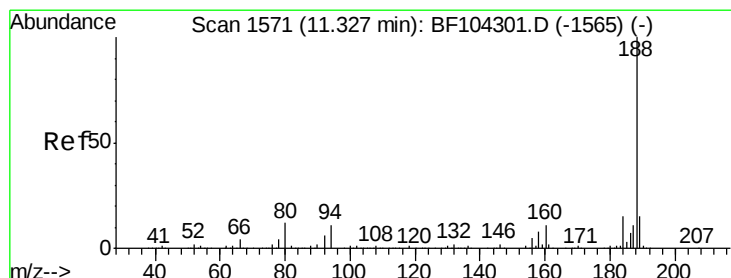
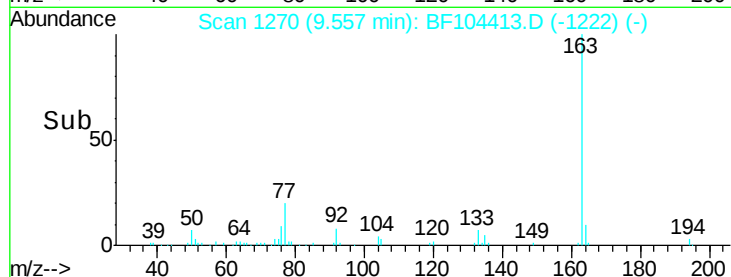
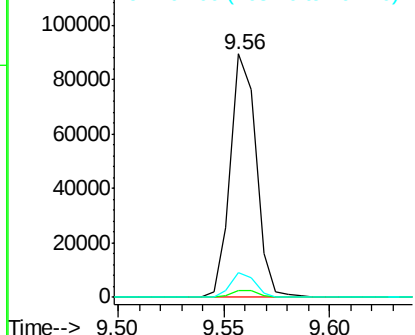
#49
Dimethylphthalate
Concen: 5.179 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :
RO-3-1

Tot Ion:163 Resp: 75349
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.0 8.2 12.2

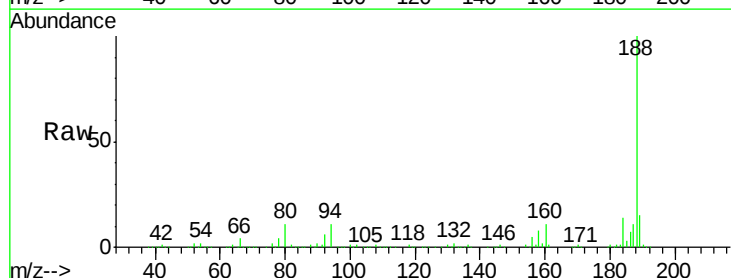


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

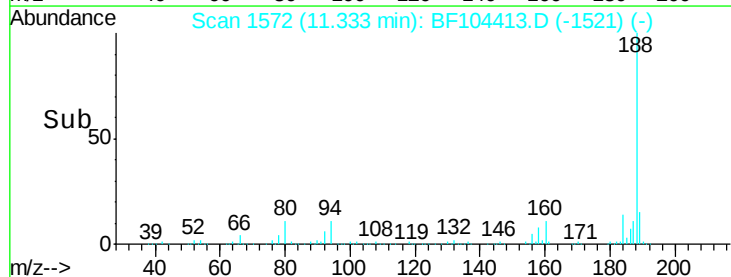
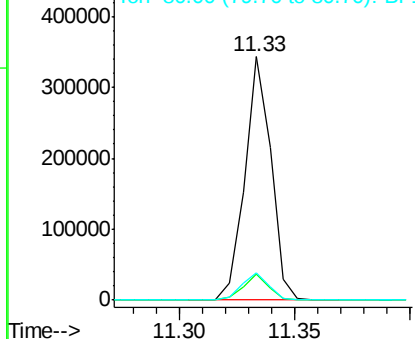


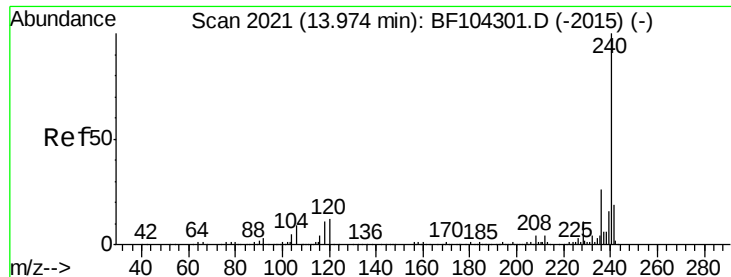
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Tgt Ion:188 Resp: 271383
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.3 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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

Instrument :

BNA_F

ClientSampleId :

RO-3-1

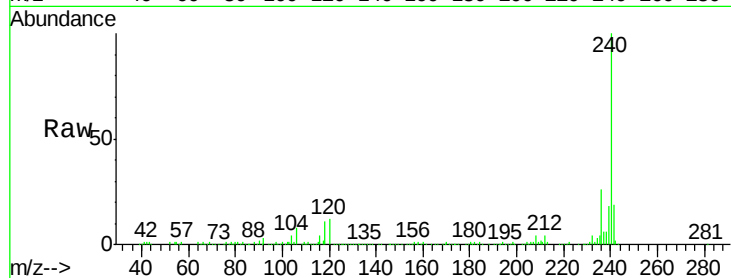
Tot Ion:240 Resp: 261323

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

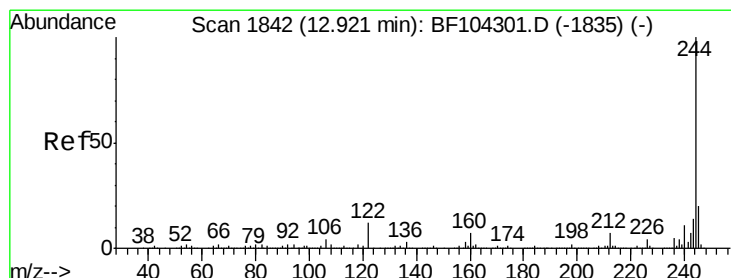
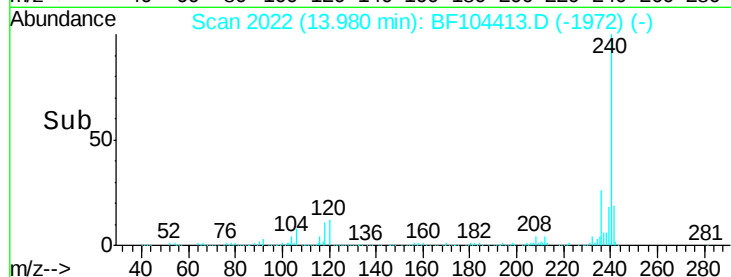
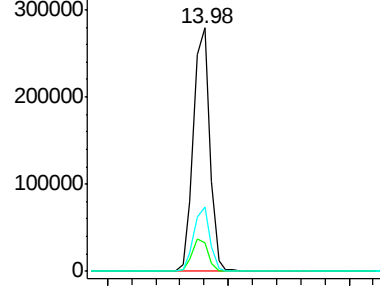
236 26.2 20.7 31.1



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: 58.465 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104413.D

Acq: 10 Apr 2018 17:13

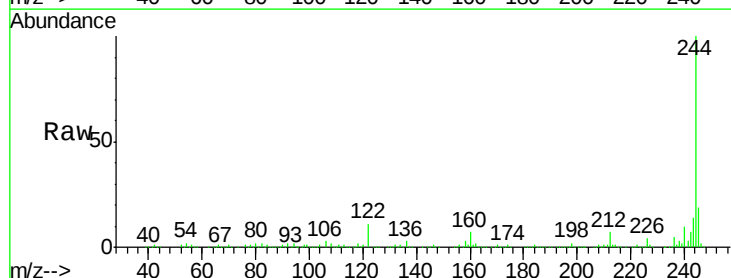
Tgt Ion:244 Resp: 670144

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

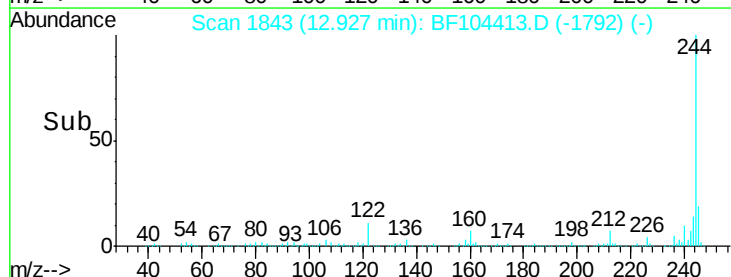
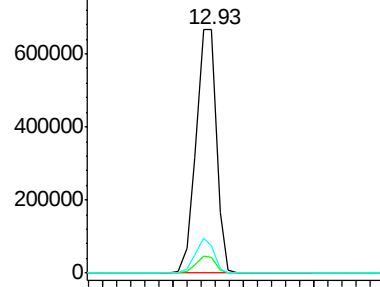
122 11.1 11.0 16.4

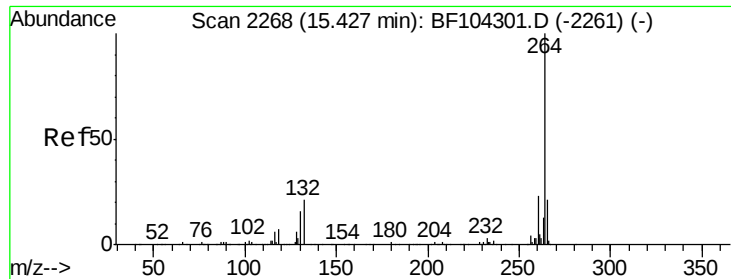


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF104413.D
Acq: 10 Apr 2018 17:13

Instrument :
BNA_F
ClientSampleId :
RO-3-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.6	17.5	26.3

