Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103838.D
Acq On : 21 Mar 2018 11:51
Operator : JU/SJ
Sample : J1960-01DL2 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BBDL2

Quant Time: Mar 21 12:24:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158113	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	634231	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	269812	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	394834	20.00	ng	0.00
75) Chrysene-d12	14.16	240	257774	20.00	ng	0.01
86) Perylene-d12	15.70	264	246218	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	34872	3.35	ng	0.00
7) Phenol-d6	6.57	99	28580	2.25	ng	-0.01
23) Nitrobenzene-d5	7.53	82	55527	6.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	18879	8.14	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	119997	7.09	ng	0.00
78) Terphenyl-d14	13.09	244	77206	6.95	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.28	128	1704425	53.200	ng	99
32) Benzoic acid	7.96	122	23992	12.897	ng	97
37) 2-Methylnaphthalene	8.96	142	94852	4.669	ng	100

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

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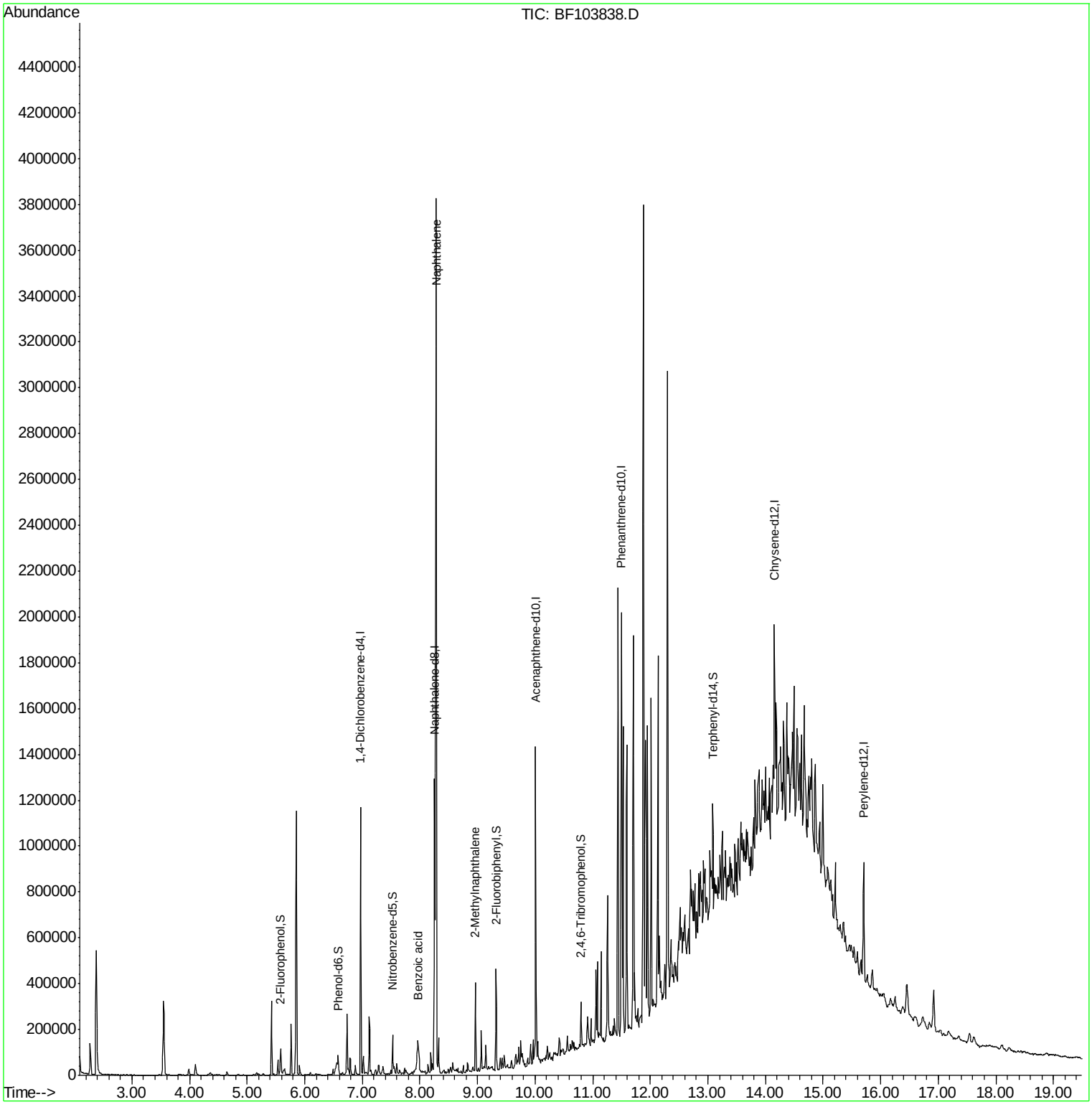
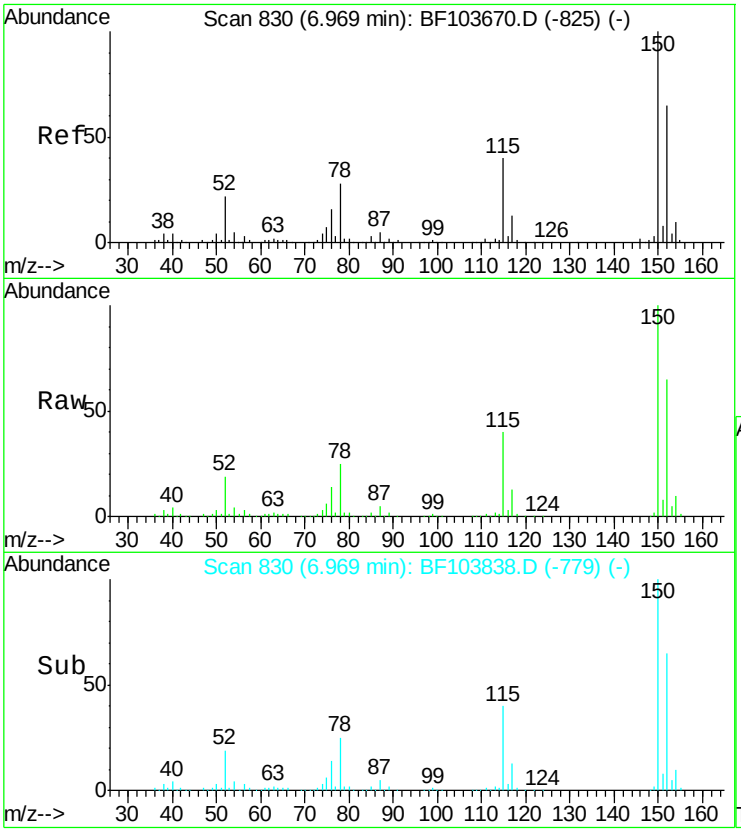


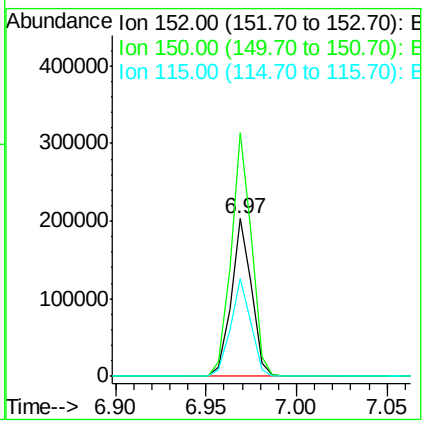


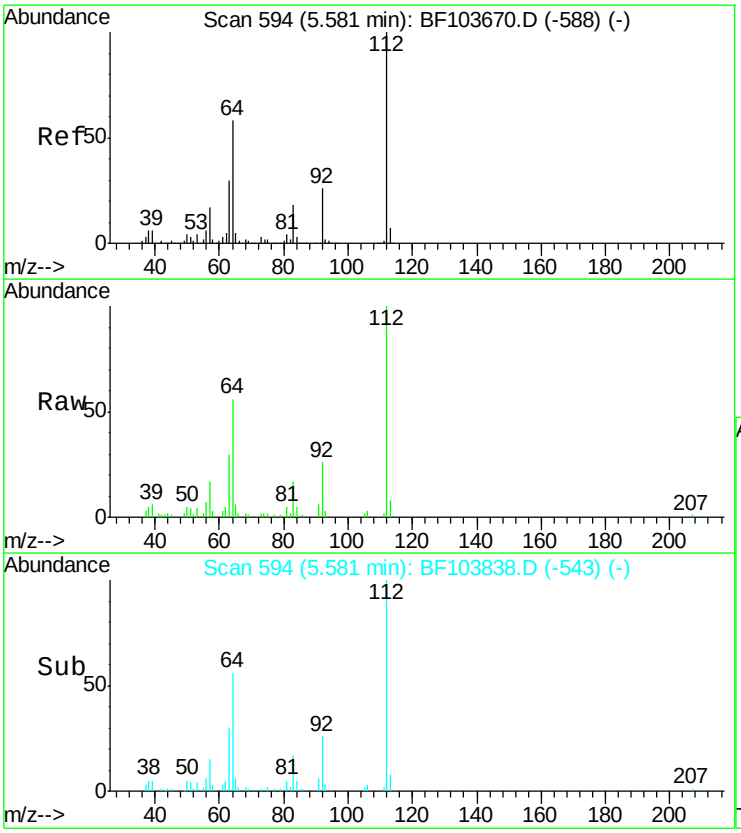
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion:152 Resp: 158113

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.8	50.1	75.1

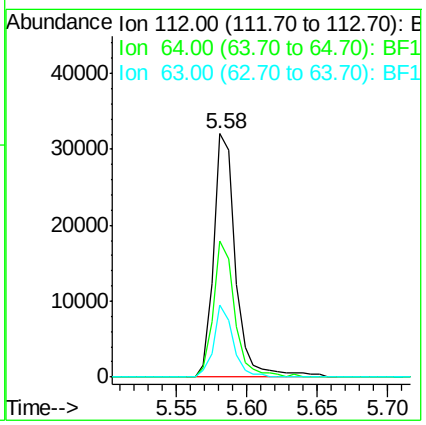


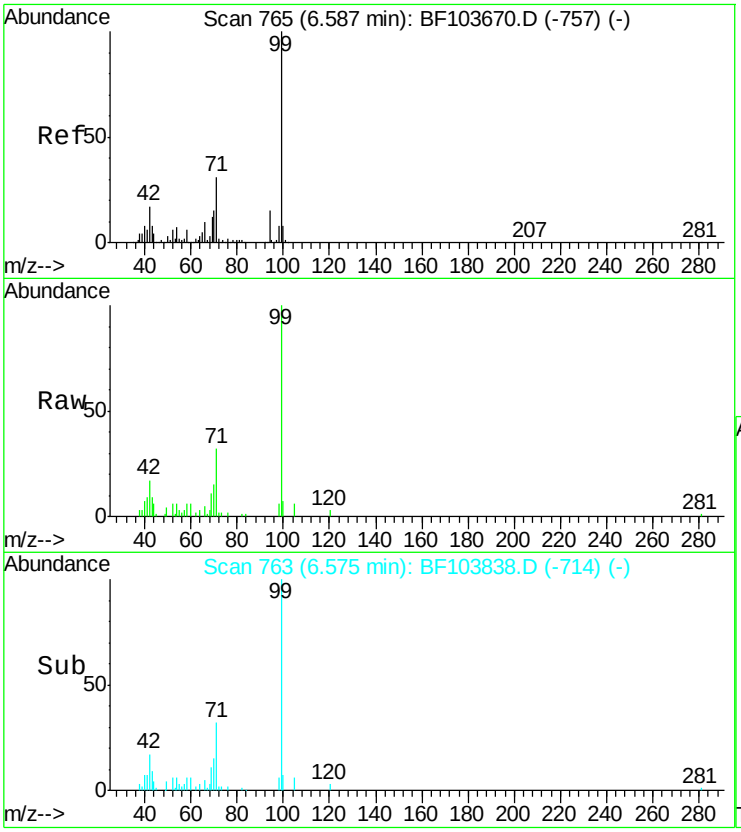


#5
2-Fluorophenol
Concen: 3.355 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:112 Resp: 34872

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	29.8	23.7	35.5



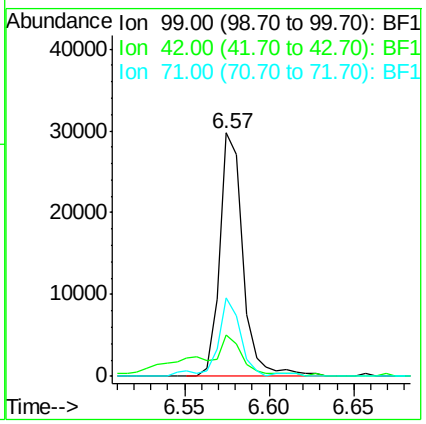


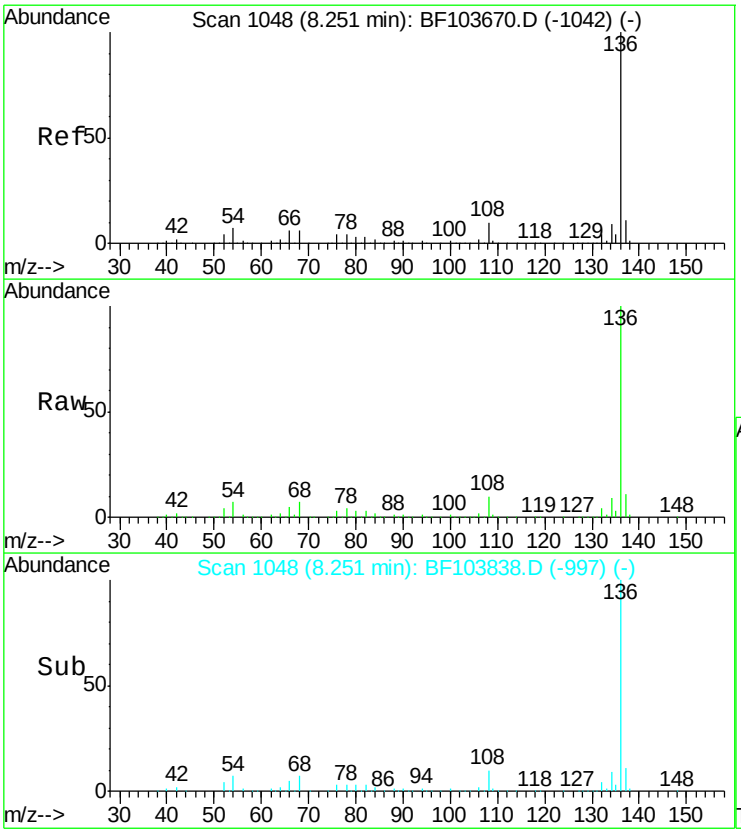
#7
Phenol-d6
Concen: 2.247 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion: 99 Resp: 28580

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	32.5	25.4	38.0

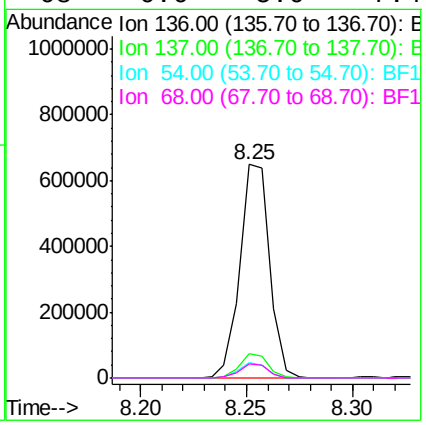


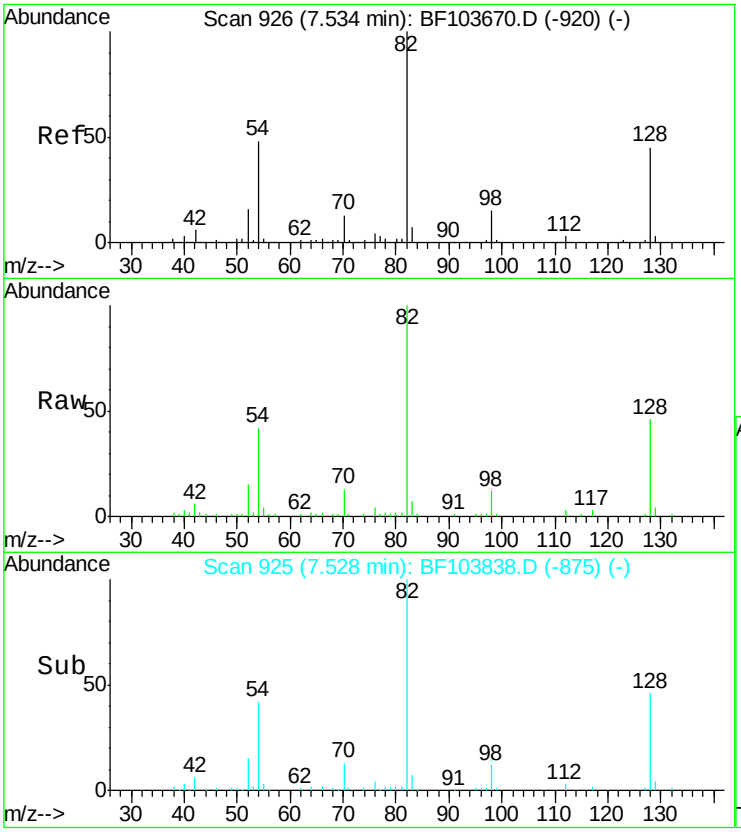


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:136 Resp: 634231

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	6.6	5.0	7.4



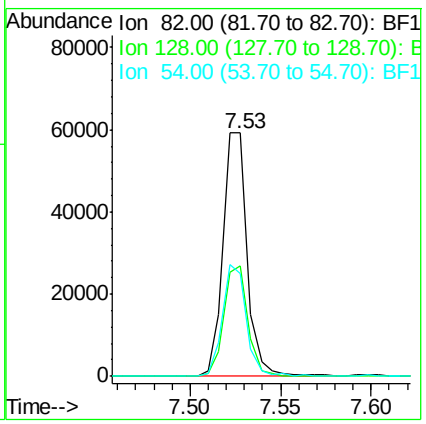


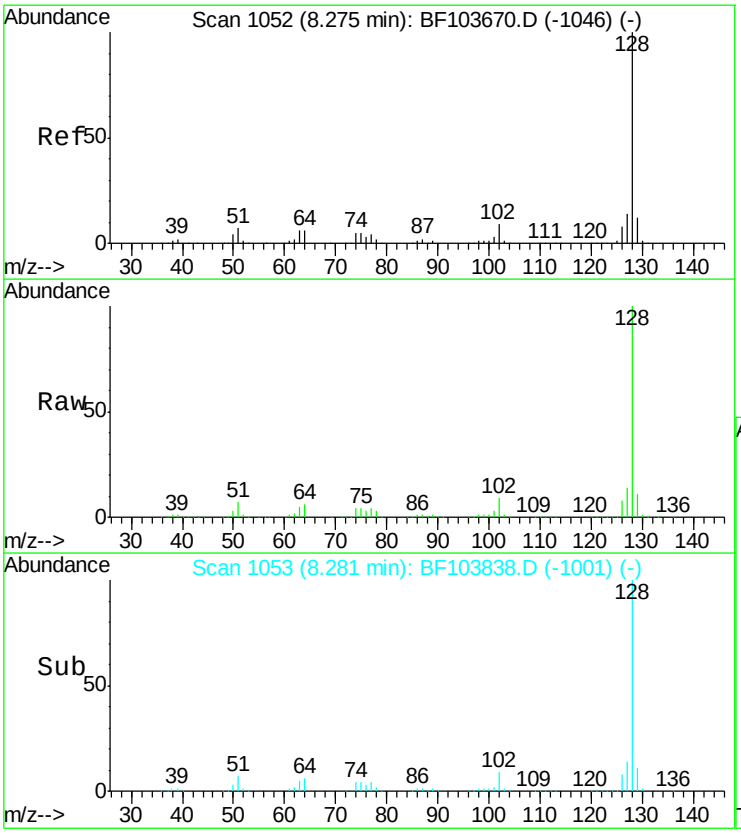
#23
Nitrobenzene-d5
Concen: 6.105 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion: 82 Resp: 55527

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	42.1	41.4	62.2

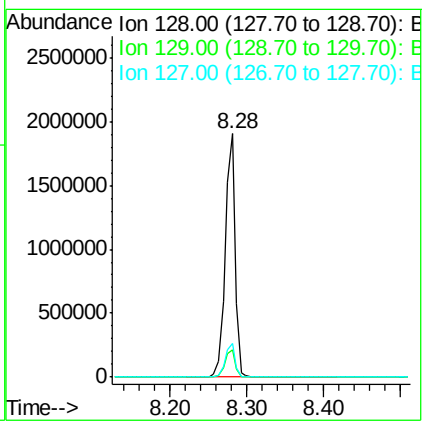


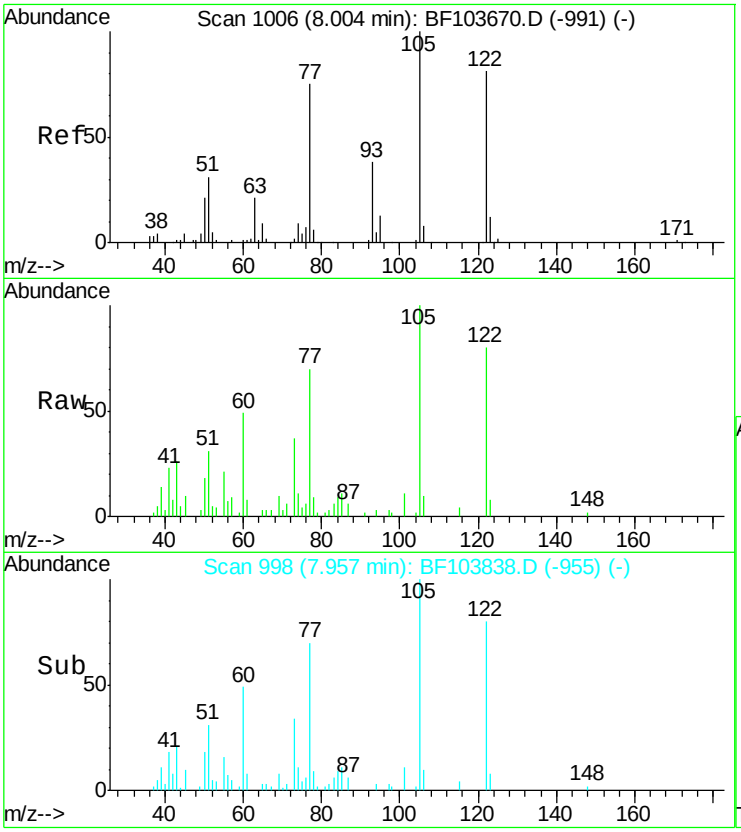


#31
Naphthalene
Concen: 53.200 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:128 Resp: 1704425

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.0	10.9	16.3



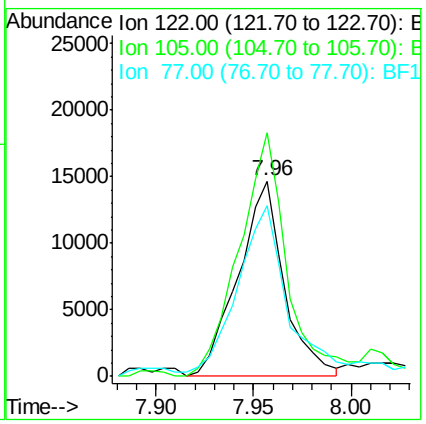


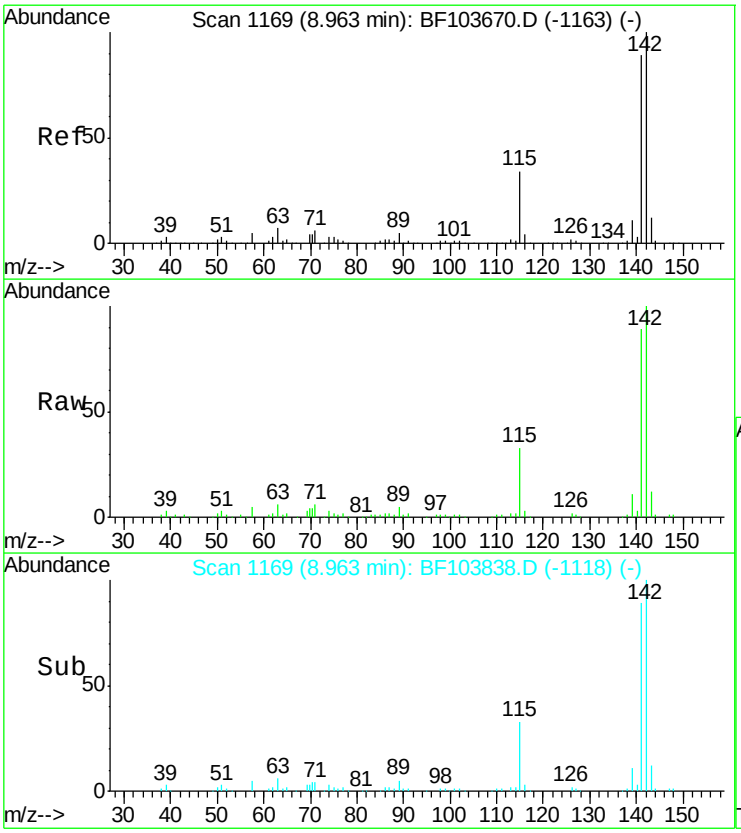
#32
Benzoic acid
Concen: 12.897 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion:122 Resp: 23992

Ion	Ratio	Lower	Upper
122	100		
105	124.9	101.1	141.1
77	87.3	70.7	110.7

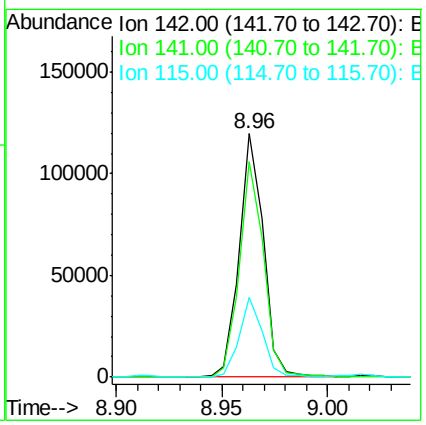


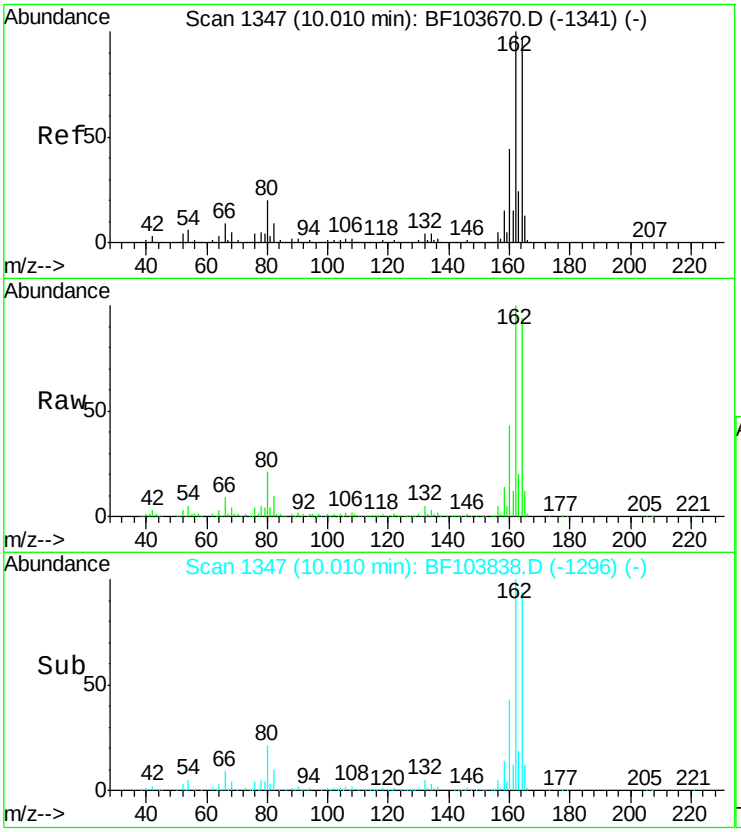


#37
2-Methylnaphthalene
Concen: 4.669 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:142 Resp: 94852

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	32.7	26.1	39.1



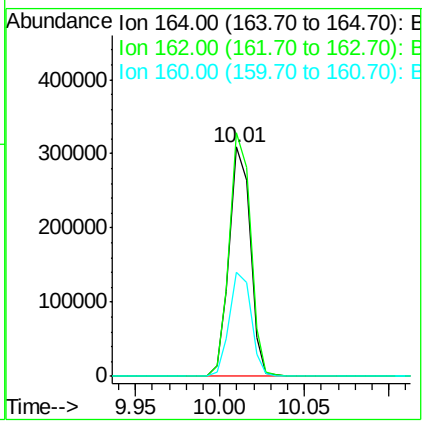


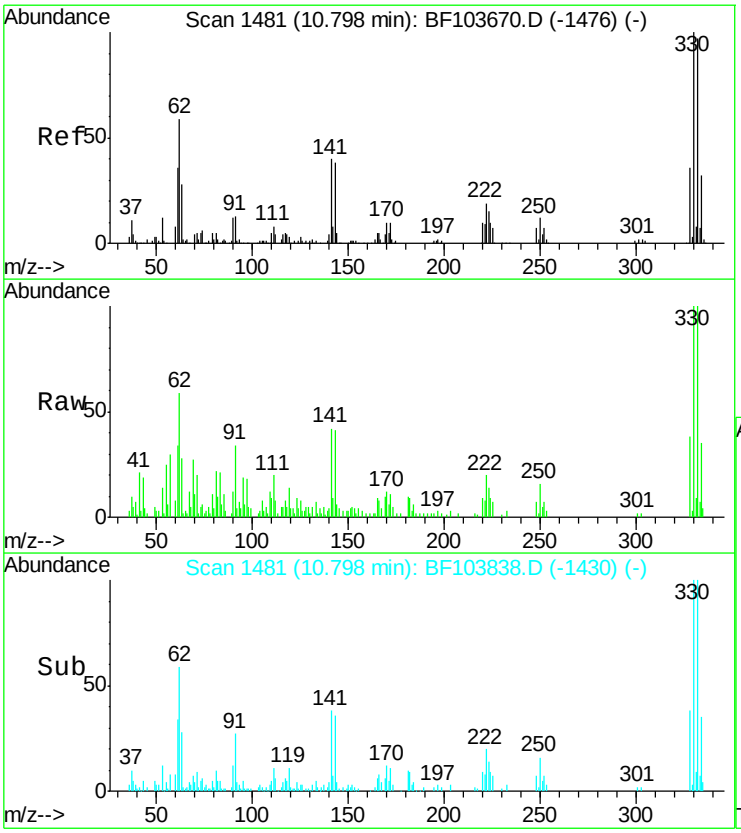
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion:164 Resp: 269812

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	45.2	38.3	57.5

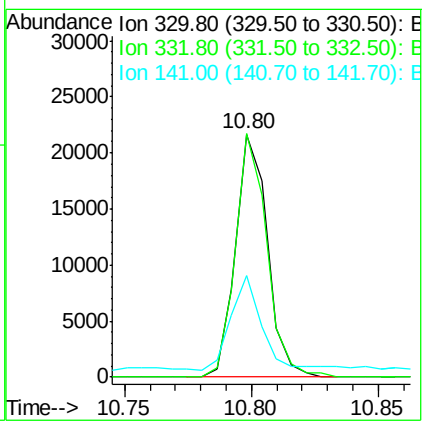


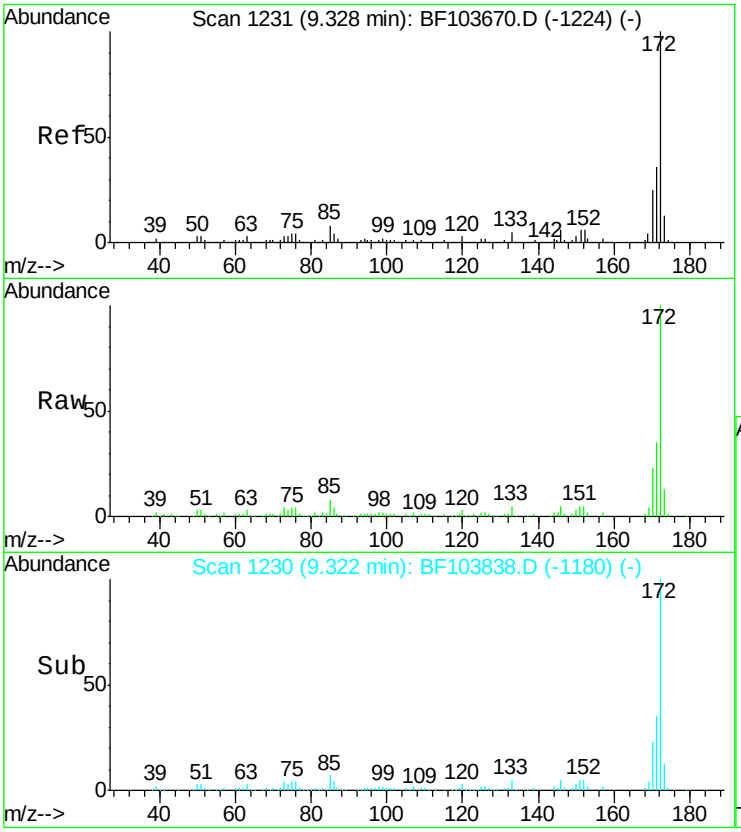


#41
2,4,6-Tribromophenol
Concen: 8.138 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:330 Resp: 18879

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	36.0	29.9	44.9



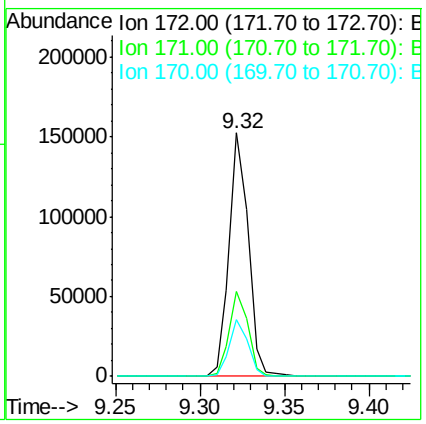


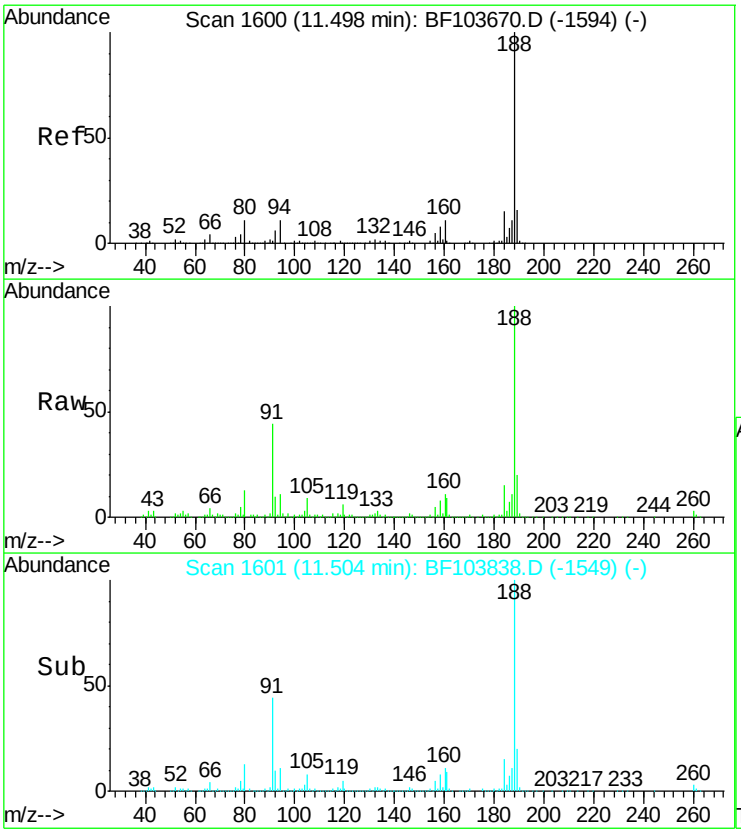
#44
2-Fluorobiphenyl
Concen: 7.094 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion:172 Resp: 119997

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	19.6	29.4

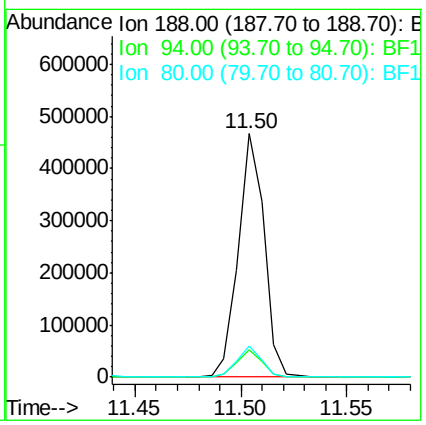


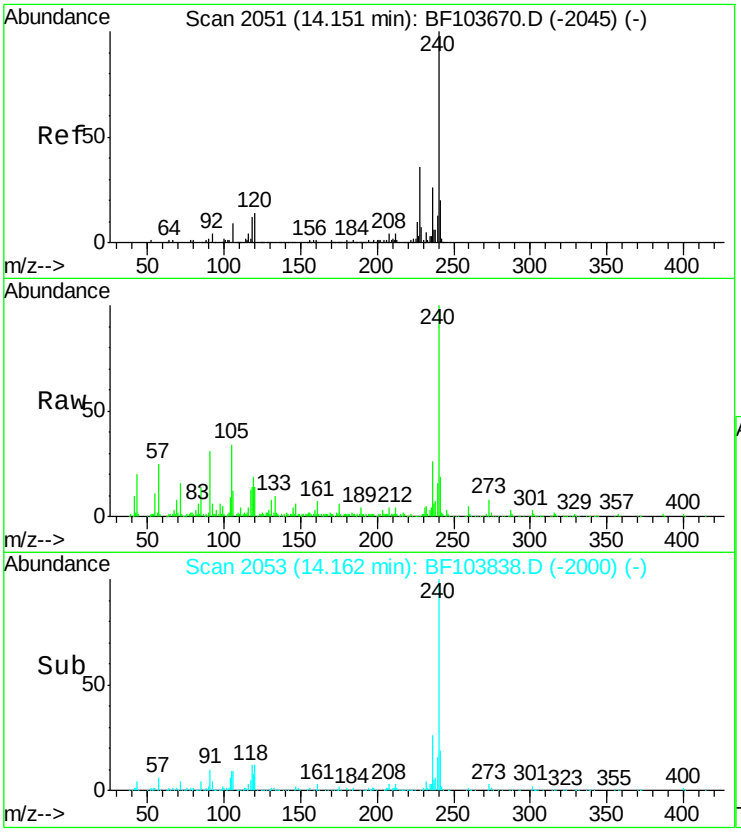


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:188 Resp: 394834

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.7	9.2	13.8



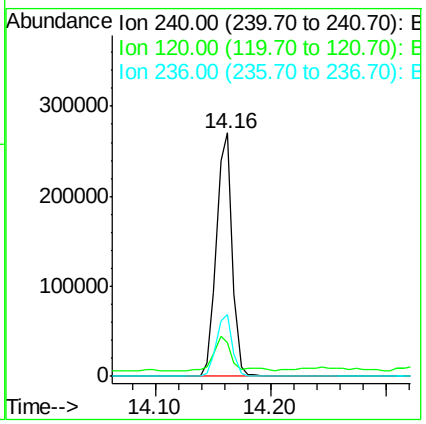


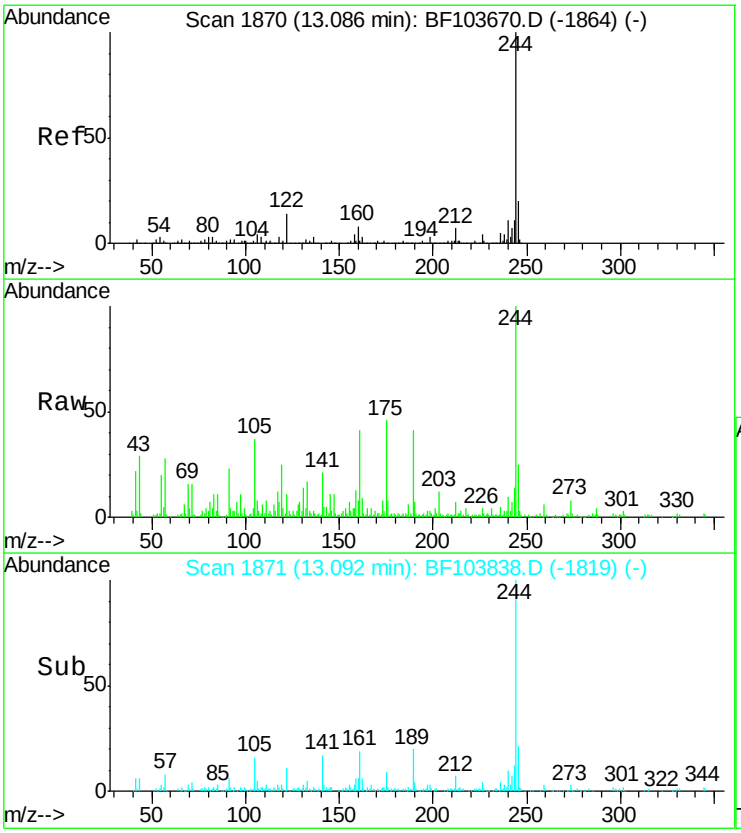
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion:240 Resp: 257774

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.6	20.7	31.1

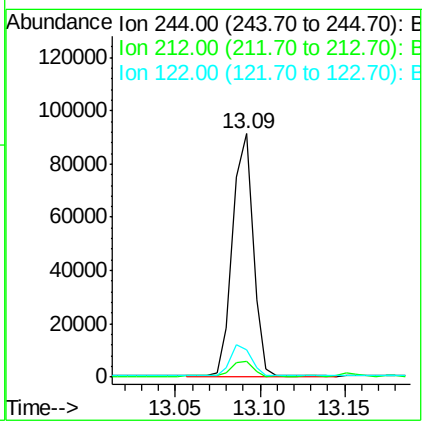


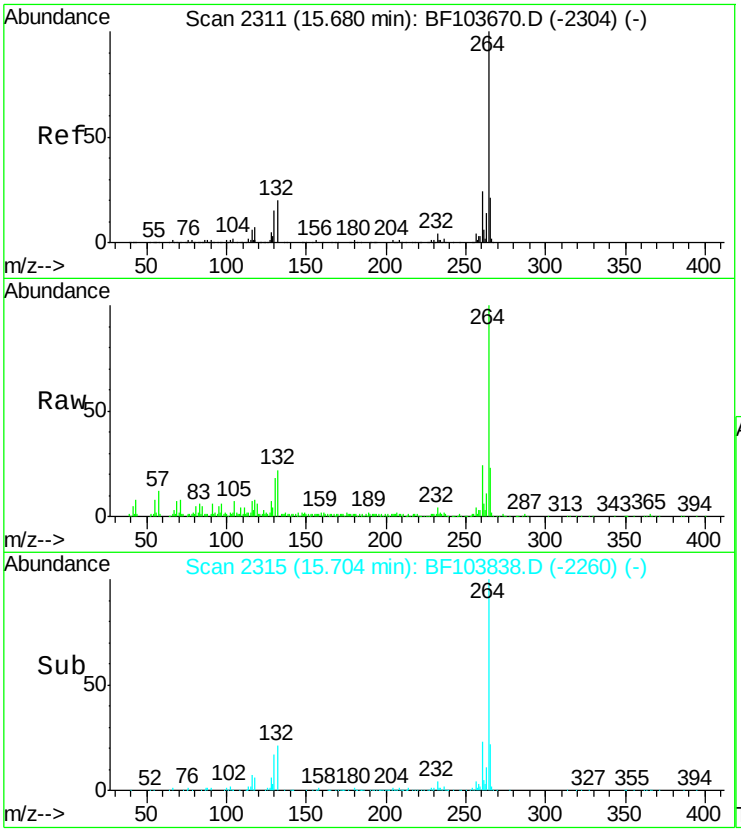


#78
Terphenyl-d14
Concen: 6.952 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:244 Resp: 77206

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tgt Ion:264 Resp: 246218

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.5	17.5	26.3