Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
Data File : BF102412.D
Acq On : 25 Jan 2018 1:28
Operator : SJ/JU
Sample : J1235-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 32-2

Quant Time: Jan 25 03:18:12 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131040	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	529333	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	225480	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	349449	20.00	ng	0.00
75) Chrysene-d12	13.87	240	238002	20.00	ng	0.00
86) Perylene-d12	15.30	264	233958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	828262	95.84	ng	0.00
7) Phenol-d6	6.36	99	1016369	97.55	ng	0.00
23) Nitrobenzene-d5	7.28	82	630134	68.41	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	169373	75.81	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	975031	63.58	ng	0.00
78) Terphenyl-d14	12.82	244	680598	64.47	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	44223	3.888	ng	93
49) Dimethylphthalate	9.47	163	184968	9.925	ng	99
73) Di-n-butylphthalate	11.79	149	61211	2.415	ng	100

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

Quantitation Report (QT/LSC Reviewed)

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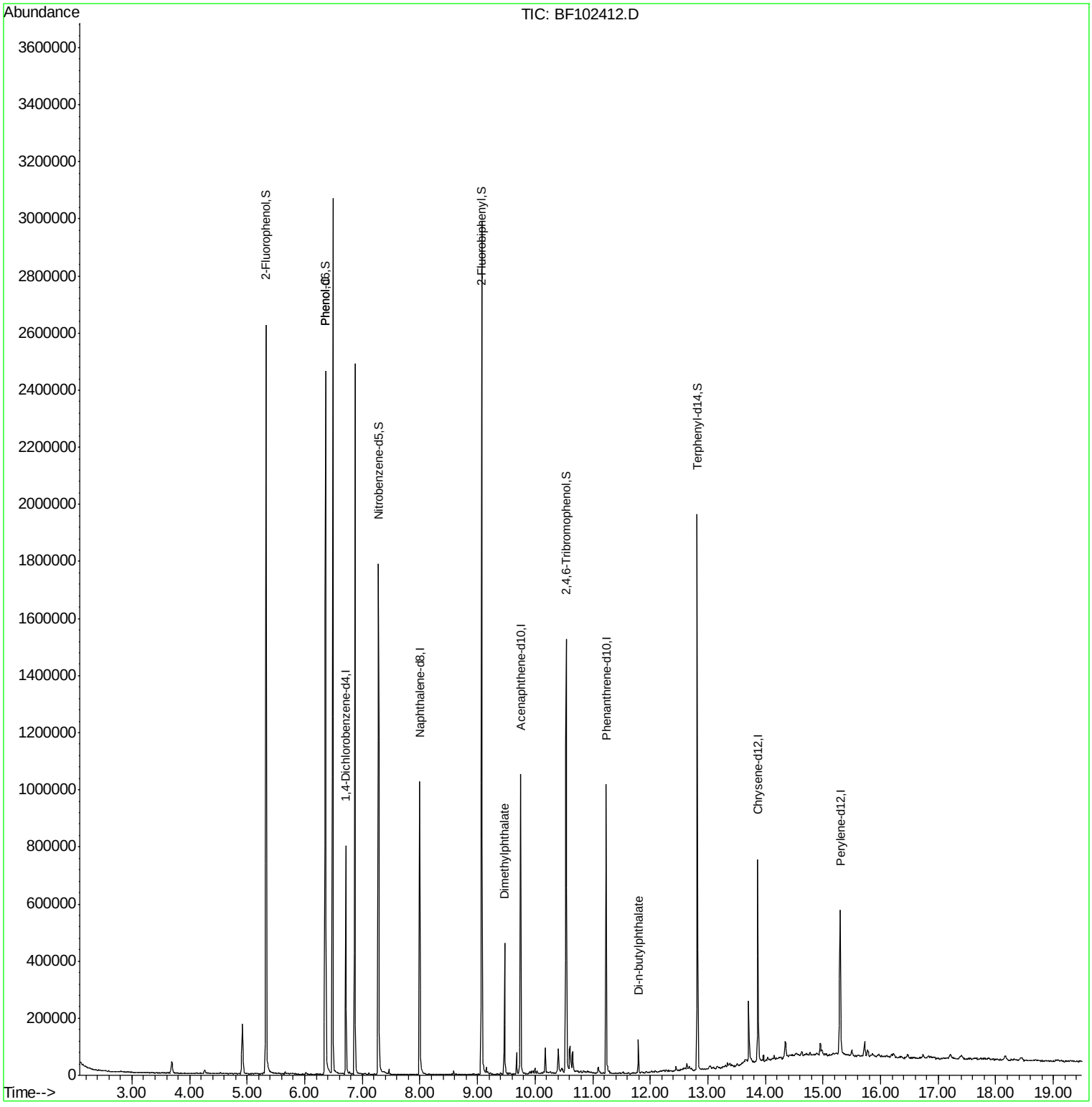
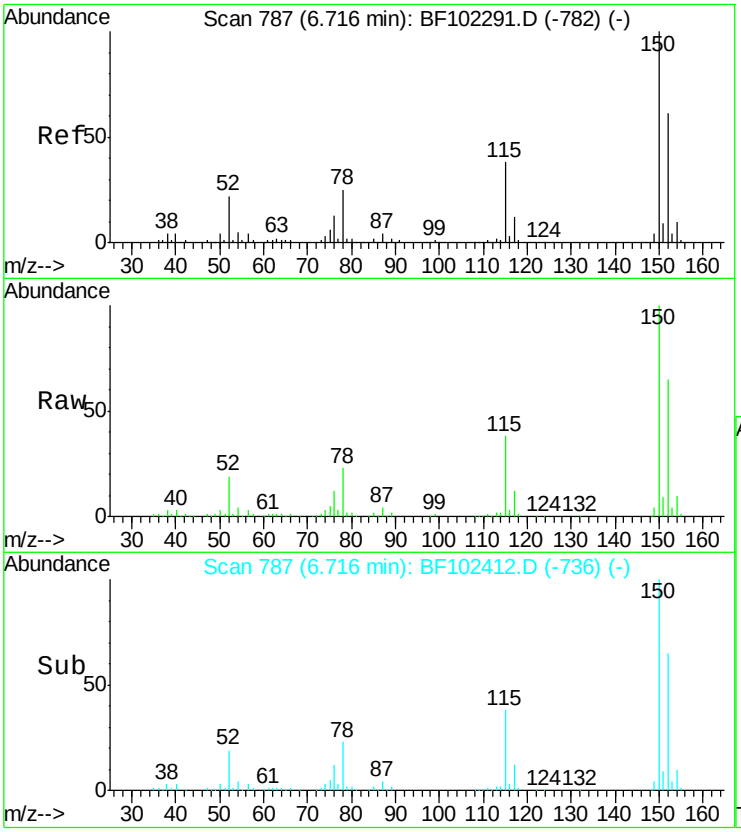


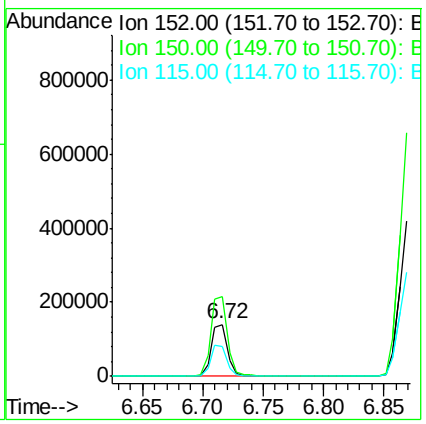


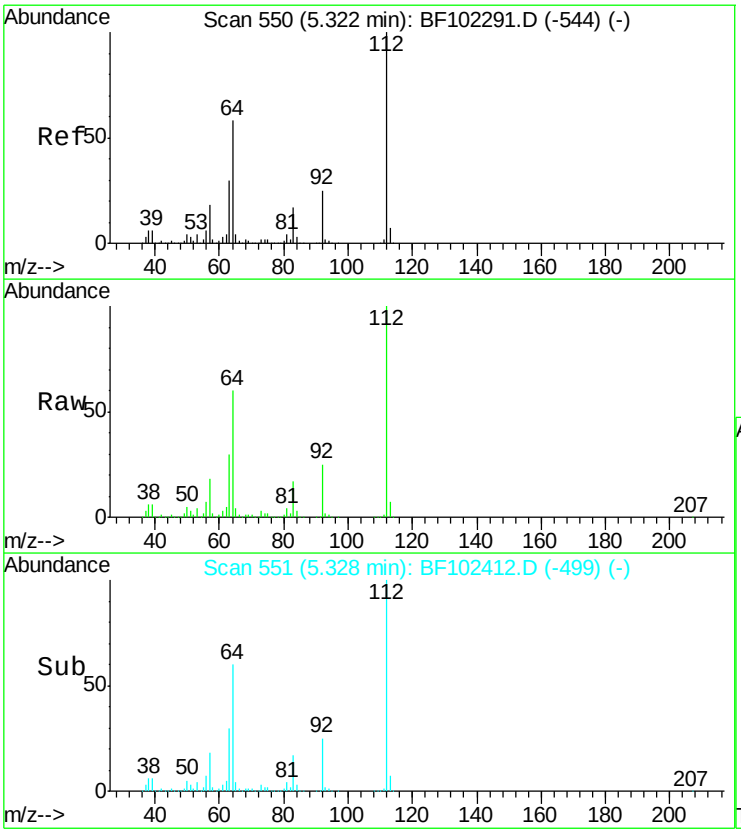
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion:152 Resp: 131040

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	58.5	50.1	75.1

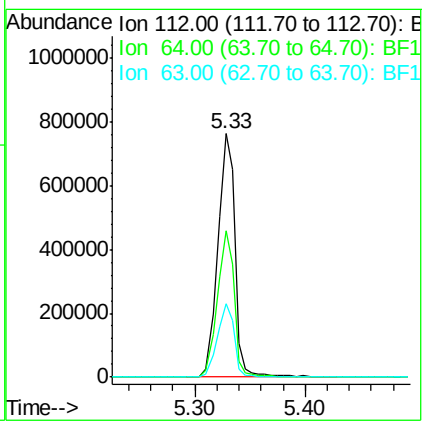


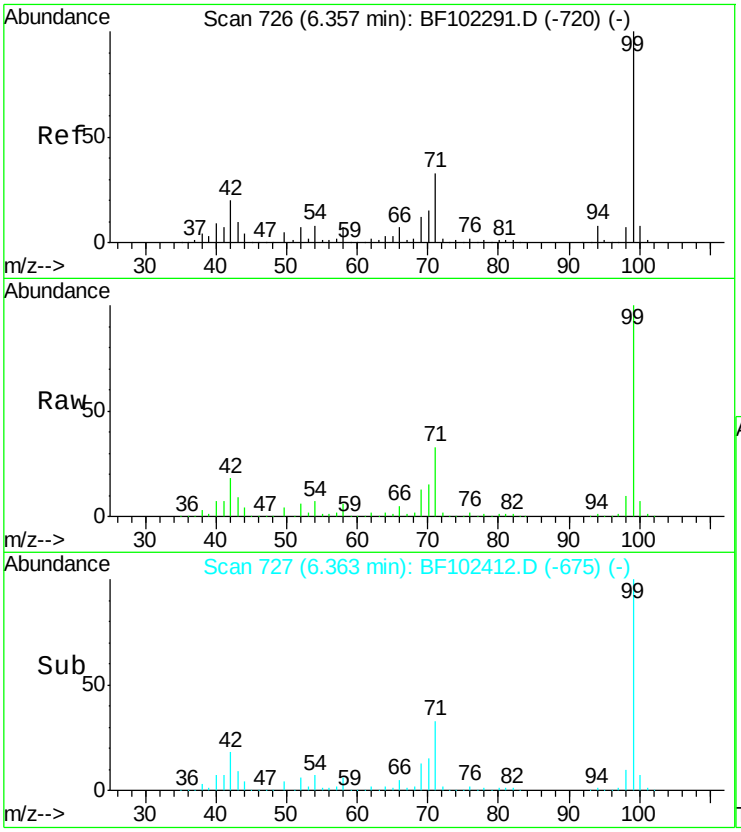


#5
2-Fluorophenol
Concen: 95.838 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Tgt Ion:112 Resp: 828262

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.4	23.7	35.5



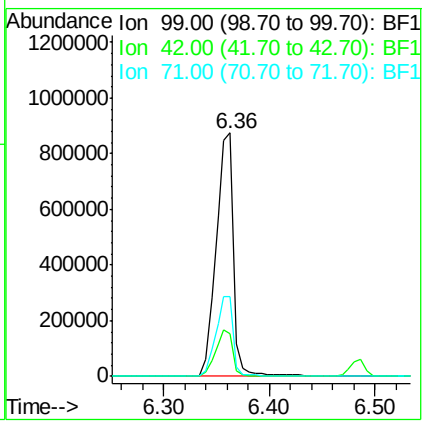


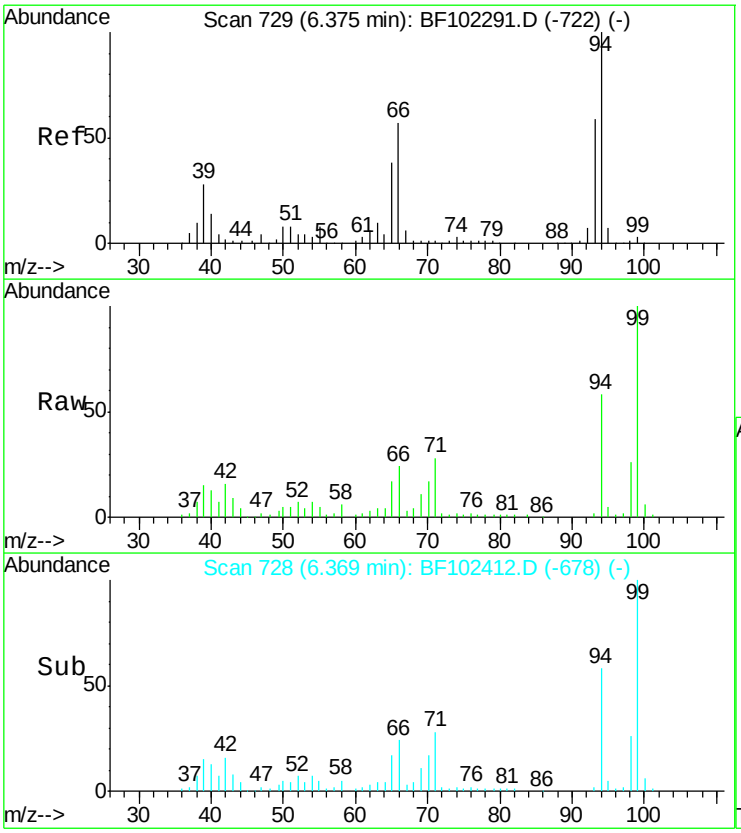
#7
Phenol-d6
Concen: 97.549 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion: 99 Resp: 1016369

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	32.8	25.4	38.0

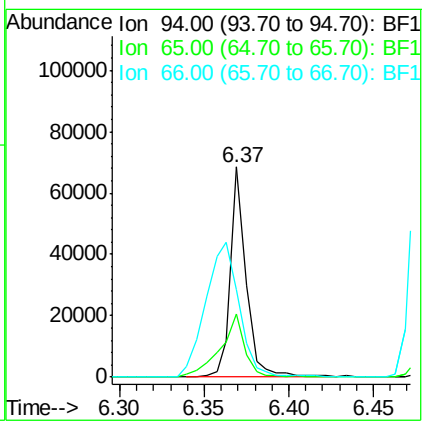


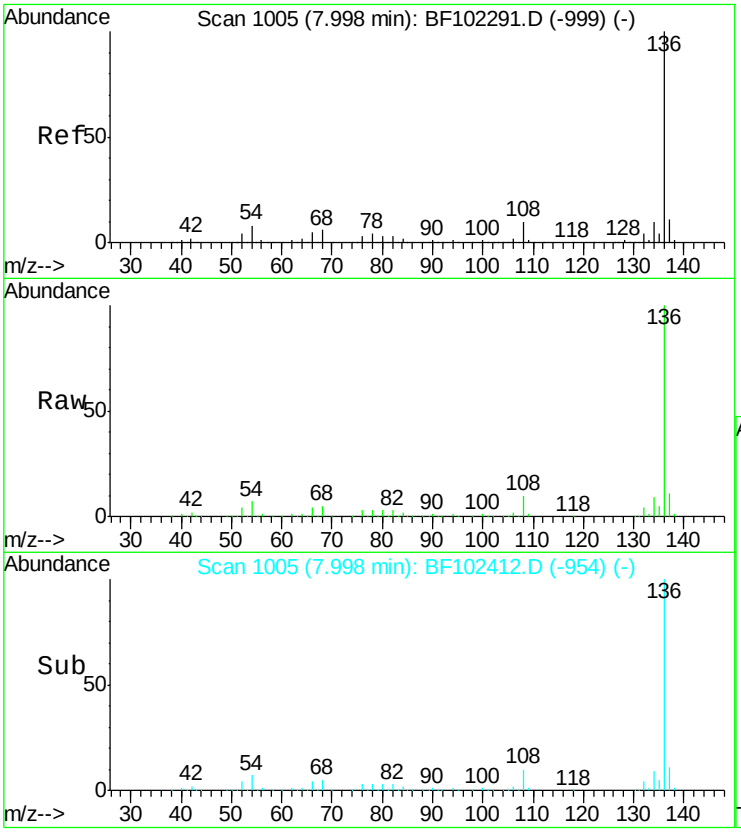


#10
Phenol
Concen: 3.888 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Tgt Ion: 94 Resp: 44223

Ion	Ratio	Lower	Upper
94	100		
65	30.1	7.9	47.9
66	41.8	16.2	56.2



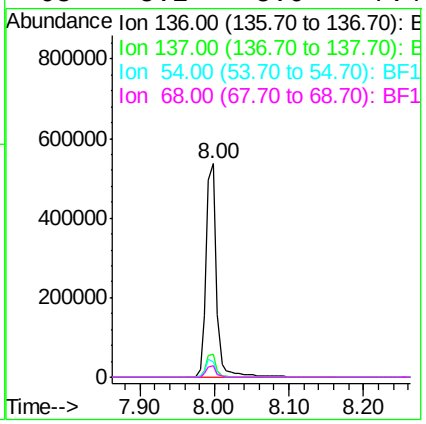


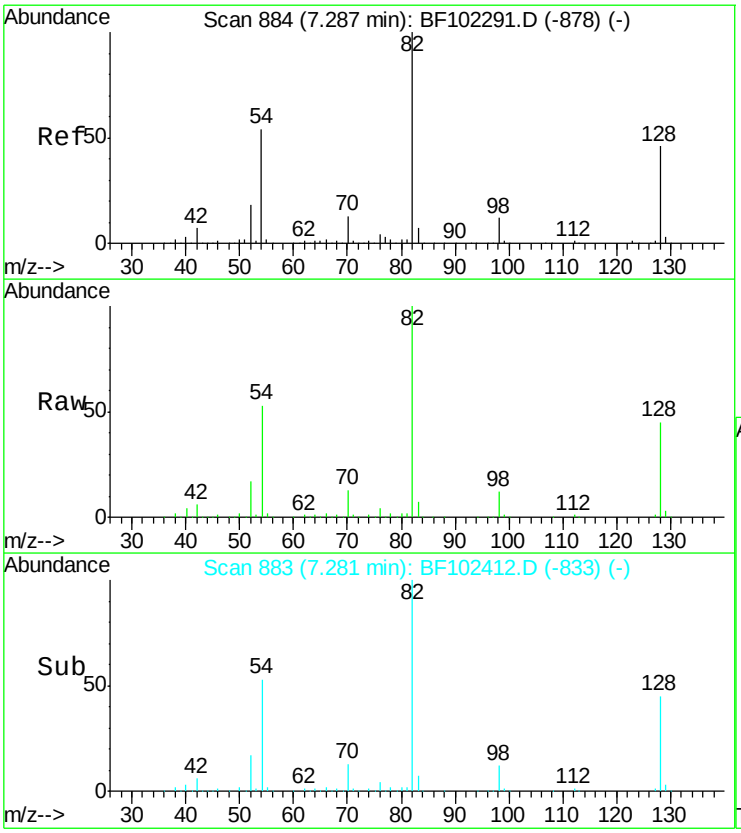
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion:136 Resp: 529333

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	5.2	5.0	7.4

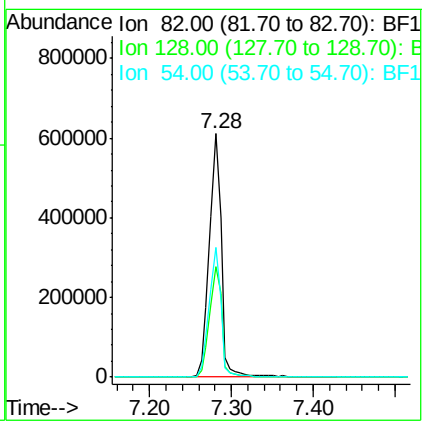


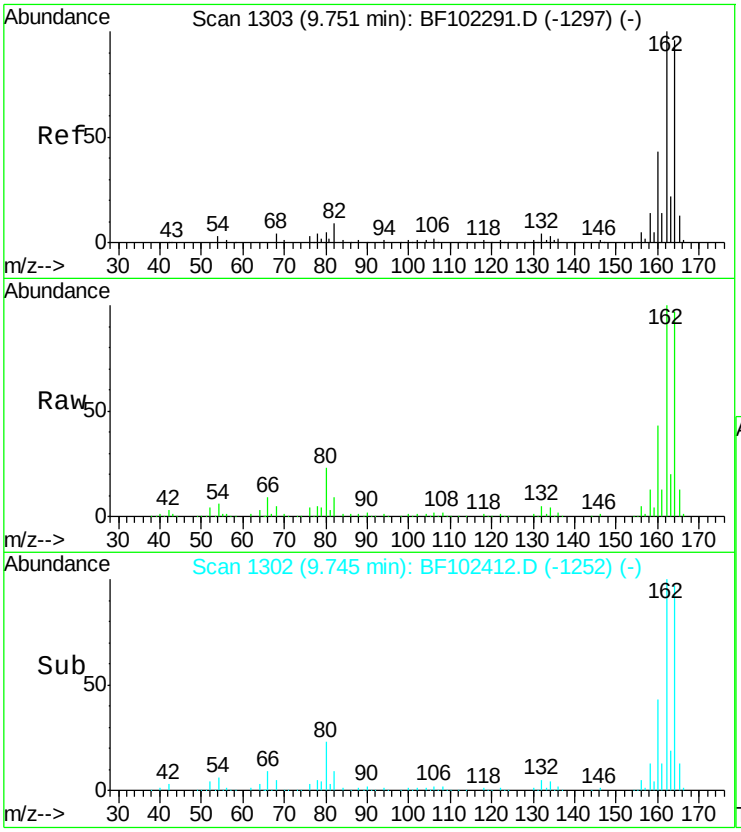


#23
Nitrobenzene-d5
Concen: 68.410 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Tgt Ion: 82 Resp: 630134

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.3	41.4	62.2



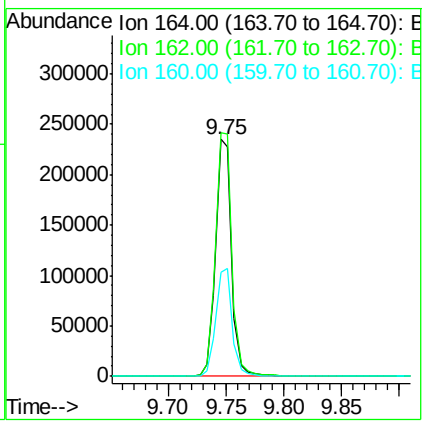


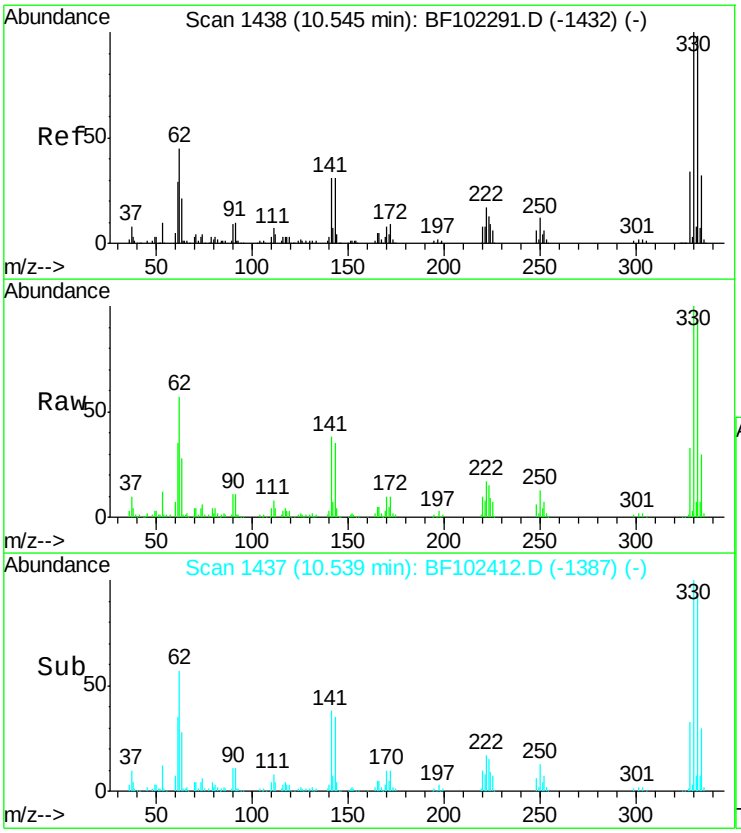
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion:164 Resp: 225480

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	44.2	38.3	57.5

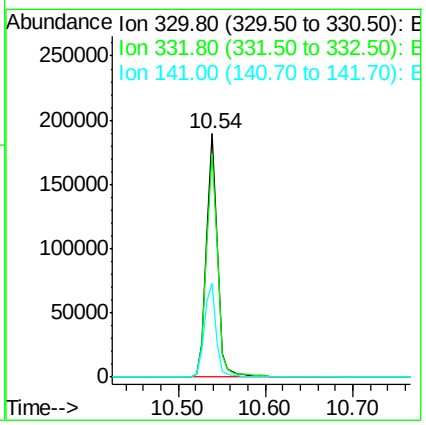


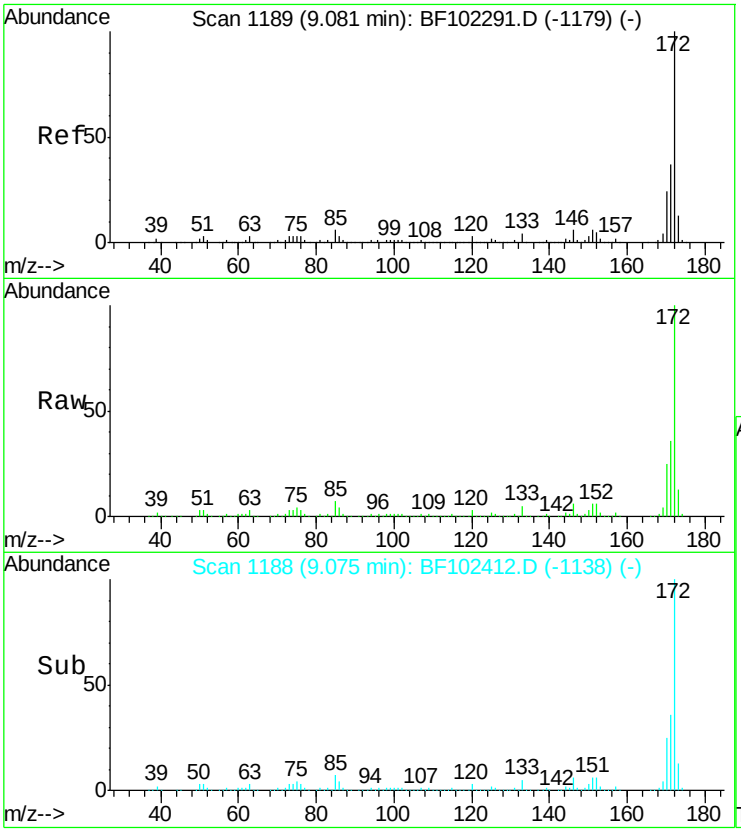


#41
2,4,6-Tribromophenol
Concen: 75.810 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Tgt Ion:330 Resp: 169373

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	40.5	29.9	44.9



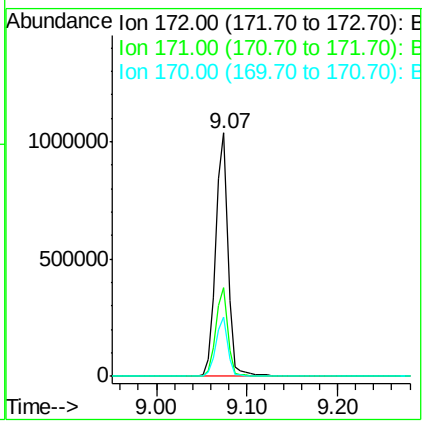


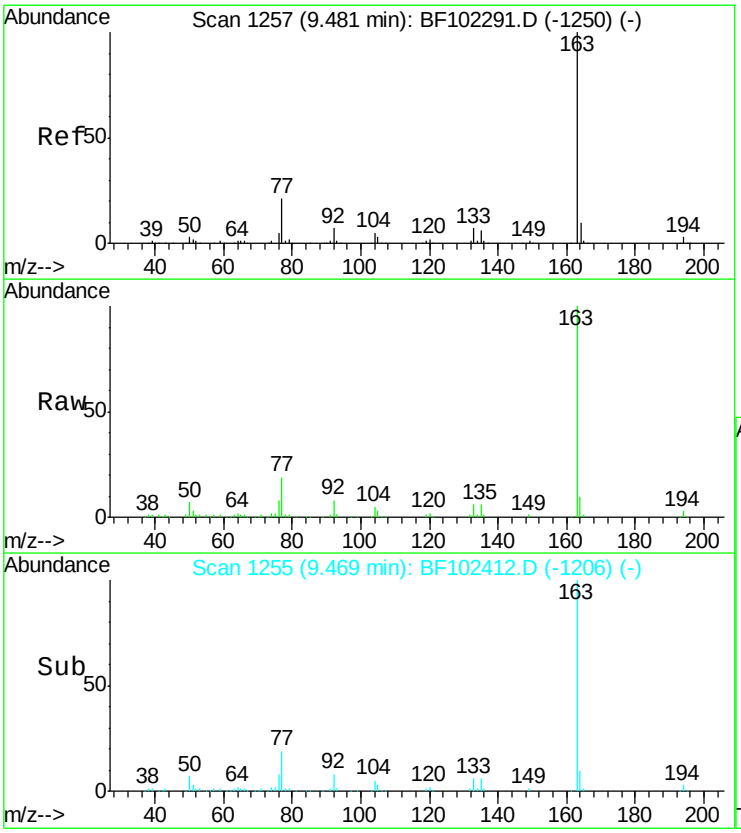
#44
2-Fluorobiphenyl
Concen: 63.582 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion:172 Resp: 975031

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

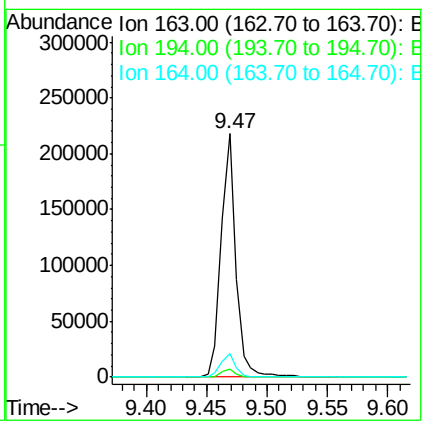


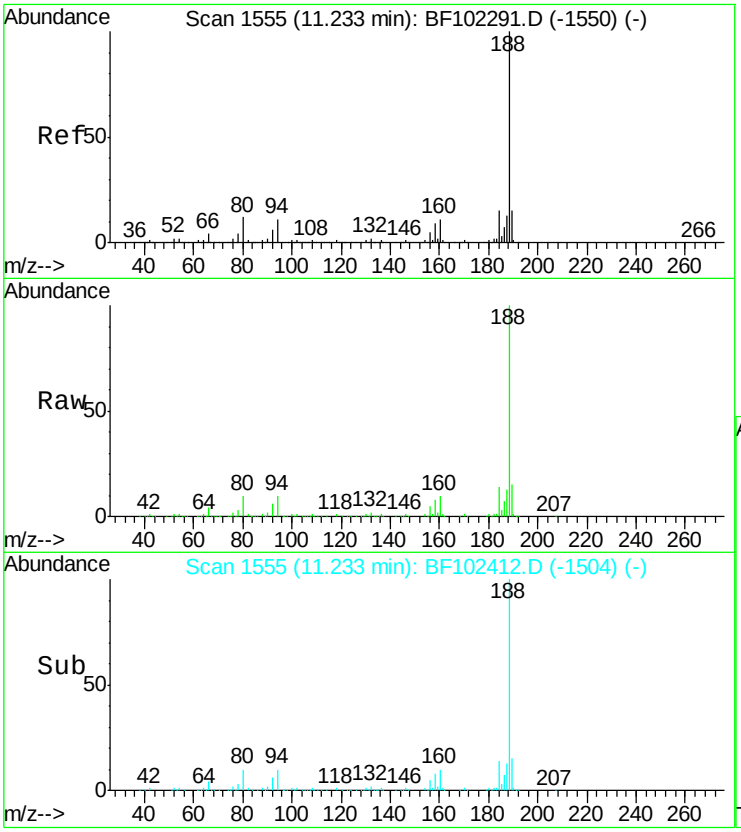


#49
Dimethylphthalate
Concen: 9.925 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Tgt Ion:163 Resp: 184968

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2



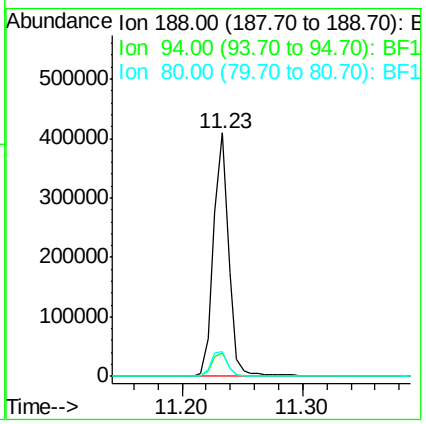


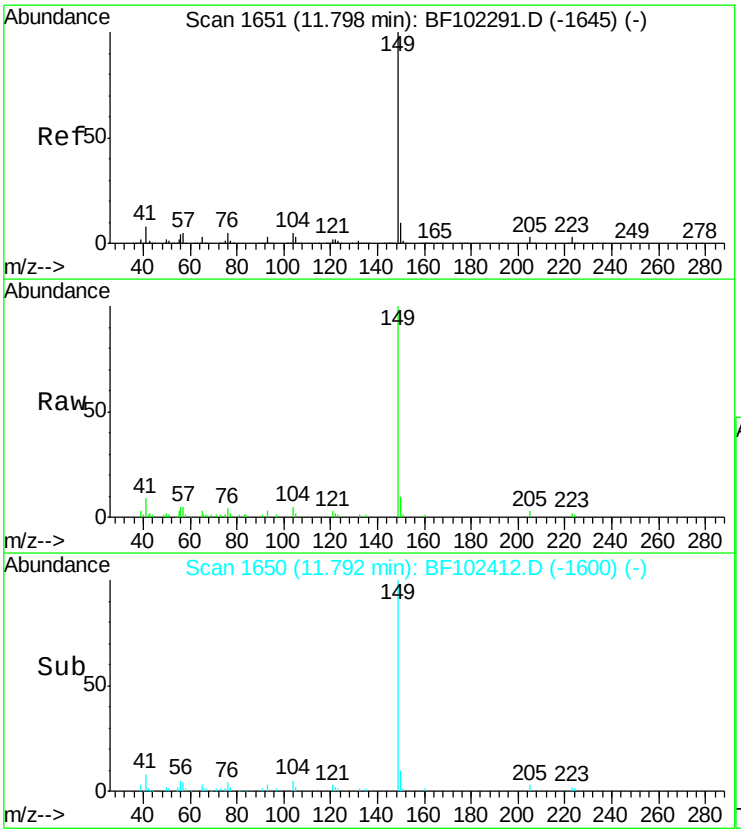
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion:188 Resp: 349449

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	9.2	13.8

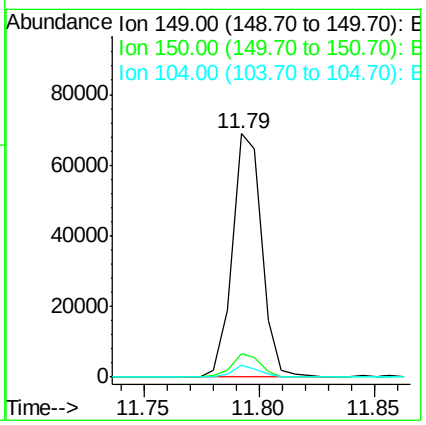


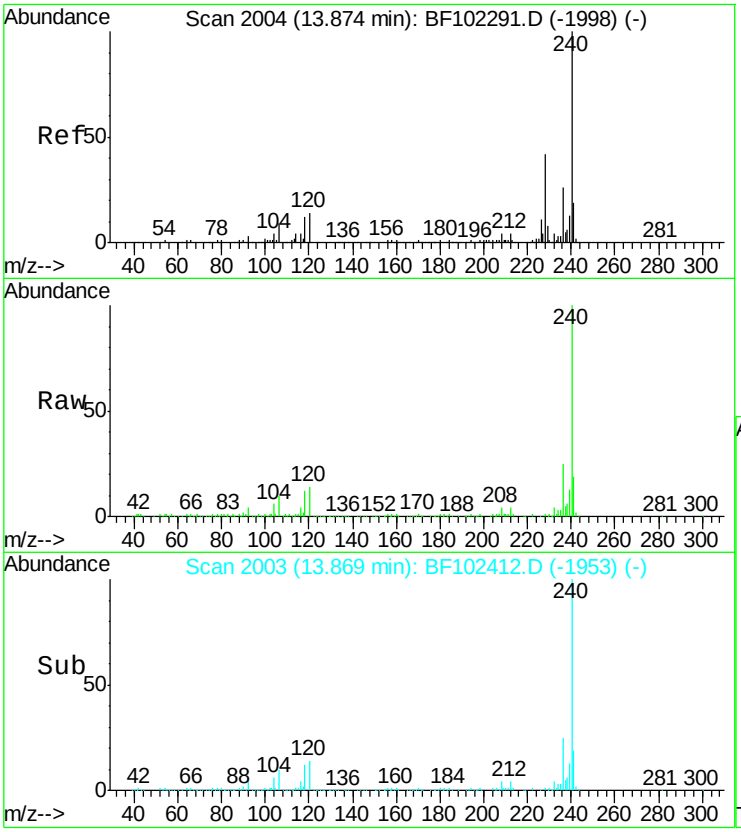


#73
Di-n-butylphthalate
Concen: 2.415 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Tgt Ion:149 Resp: 61211

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8



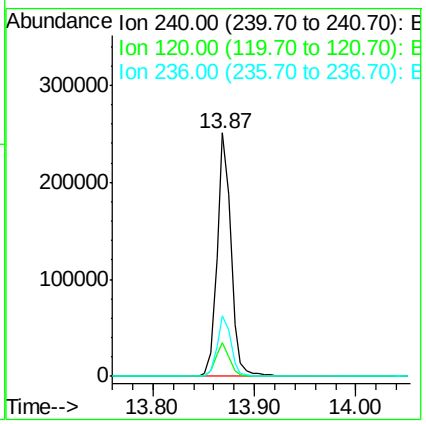


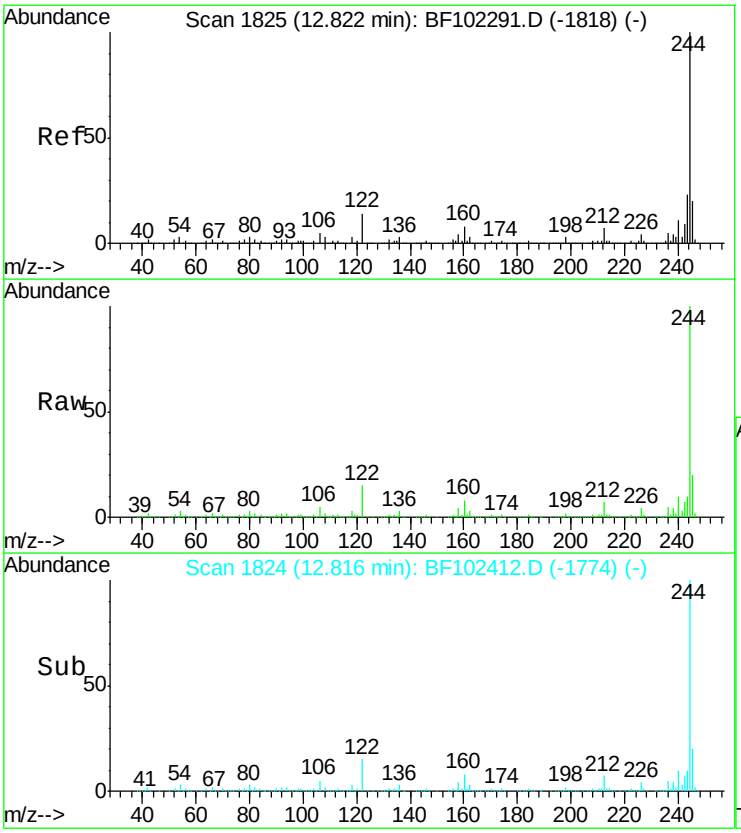
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion:240 Resp: 238002

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.1	20.7	31.1

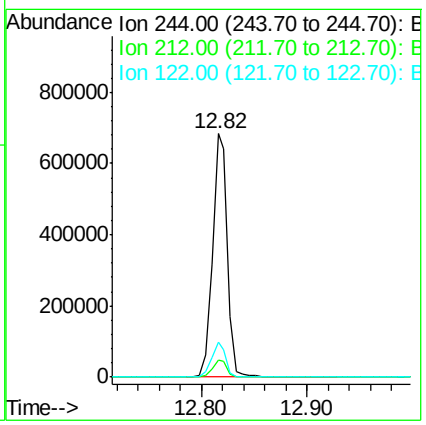


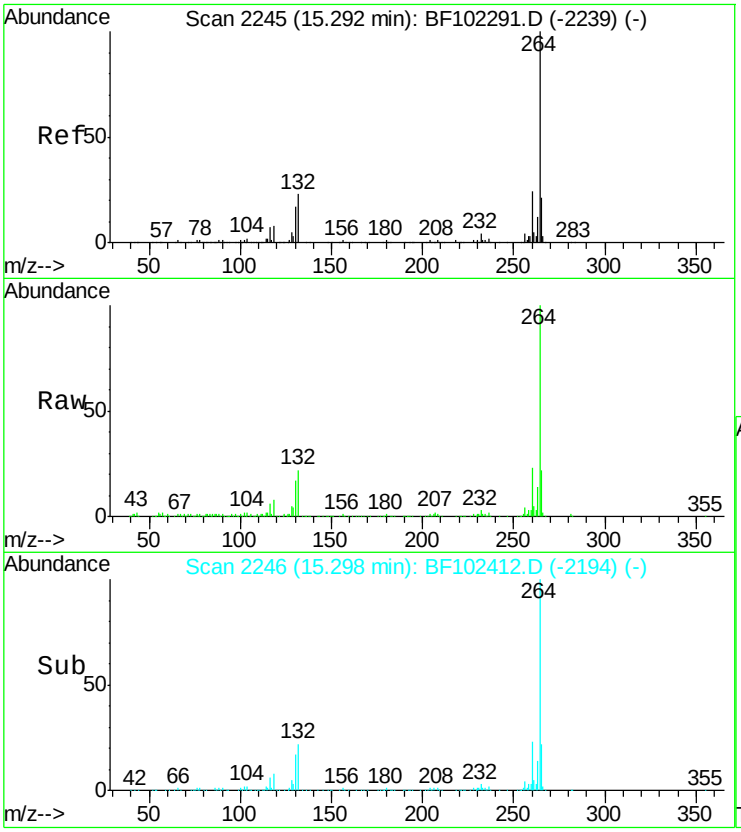


#78
Terphenyl-d14
Concen: 64.466 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Tgt Ion:244 Resp: 680598

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102412.D
Acq: 25 Jan 2018 1:28

Instrument :
BNA_F
ClientSampleId :
32-2

Tgt Ion:264 Resp: 233958

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3