Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032112.D
Acq On : 17 Jan 2018 22:21
Operator : SJ/JU
Sample : J1166-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2A-15

Quant Time: Jan 18 06:38:54 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	50012	20.00	ng		-0.03
21) Naphthalene-d8	11.62	136	202239	20.00	ng		-0.04
38) Acenaphthene-d10	15.38	164	144829	20.00	ng		-0.03
63) Phenanthrene-d10	18.11	188	383177	20.00	ng		-0.03
75) Chrysene-d12	22.45	240	470645	20.00	ng		-0.03
86) Perylene-d12	26.15	264	496170	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	393597	143.94	ng		-0.03
7) Phenol-d6	7.85	99	490636	142.46	ng		-0.03
23) Nitrobenzene-d5	9.94	82	296181	99.08	ng		-0.03
41) 2,4,6-Tribromophenol	16.86	330	365479	152.50	ng		-0.02
44) 2-Fluorobiphenyl	14.01	172	897354	76.83	ng		-0.03
78) Terphenyl-d14	20.65	244	1630084	76.48	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.88	94	18216	5.369	ng		93
49) Dimethylphthalate	14.80	163	98074	7.738	ng	#	99

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

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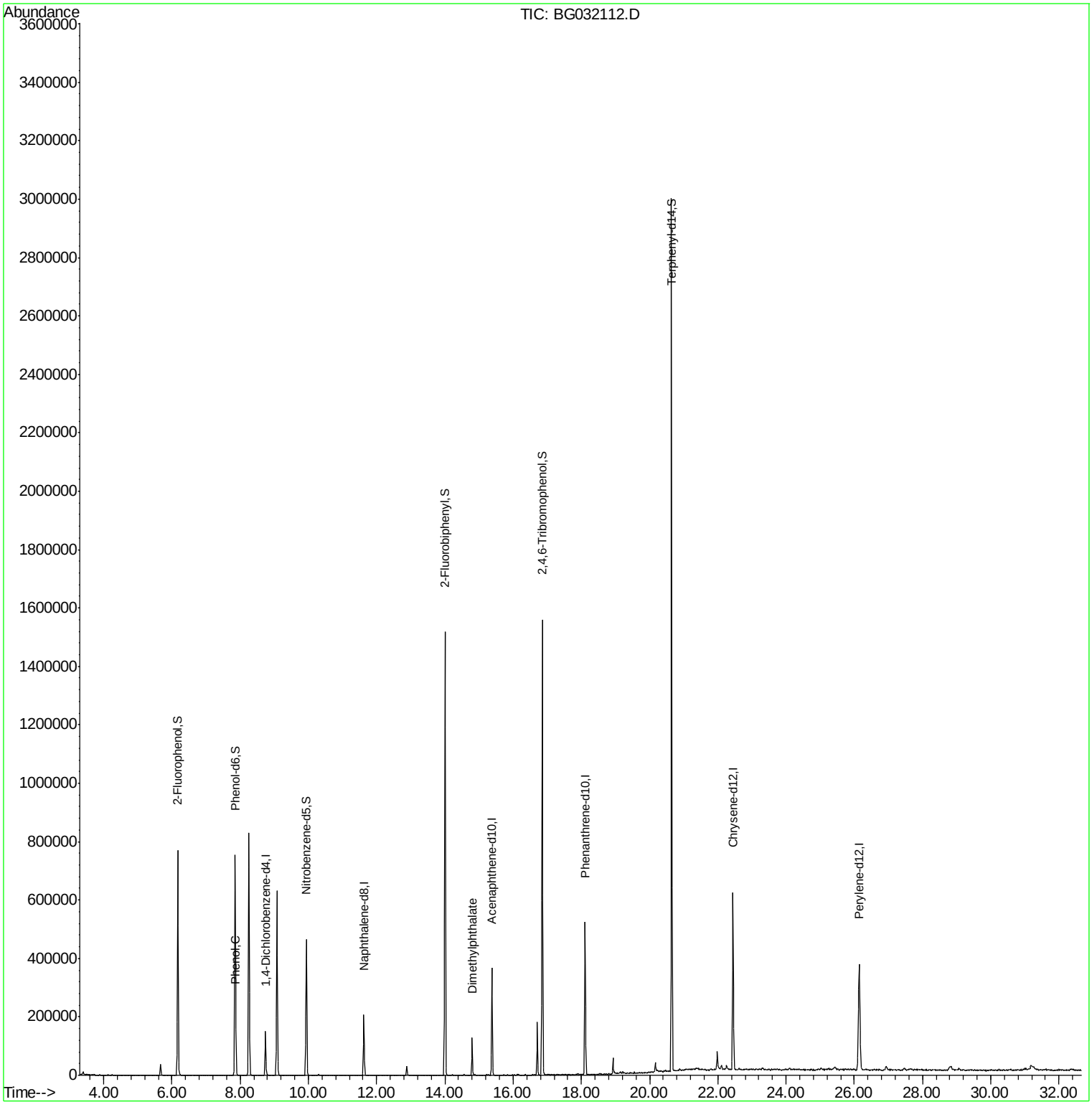
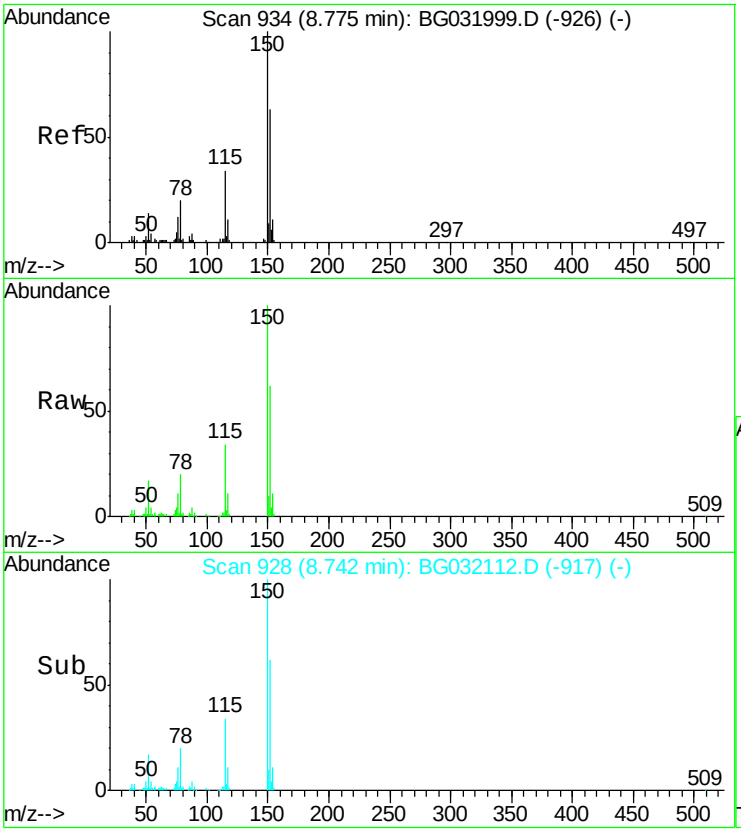


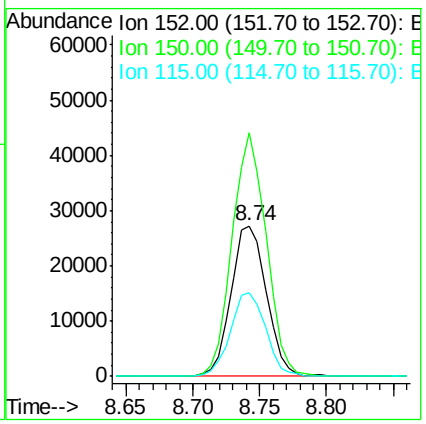


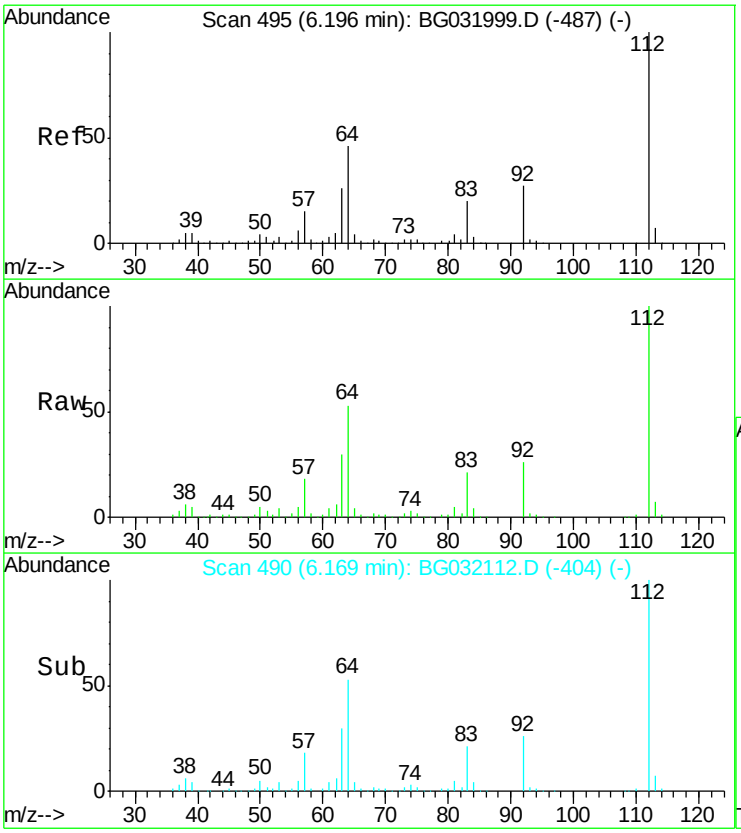
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:152 Resp: 50012

Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.6	189.8
115	55.6	53.0	79.4

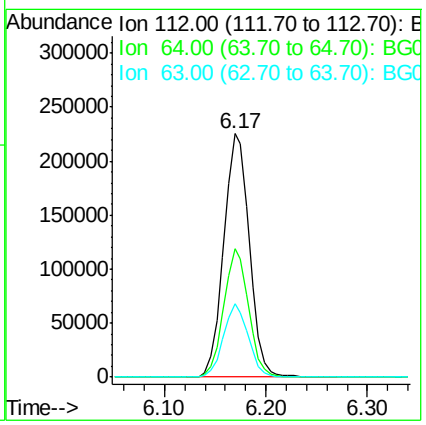


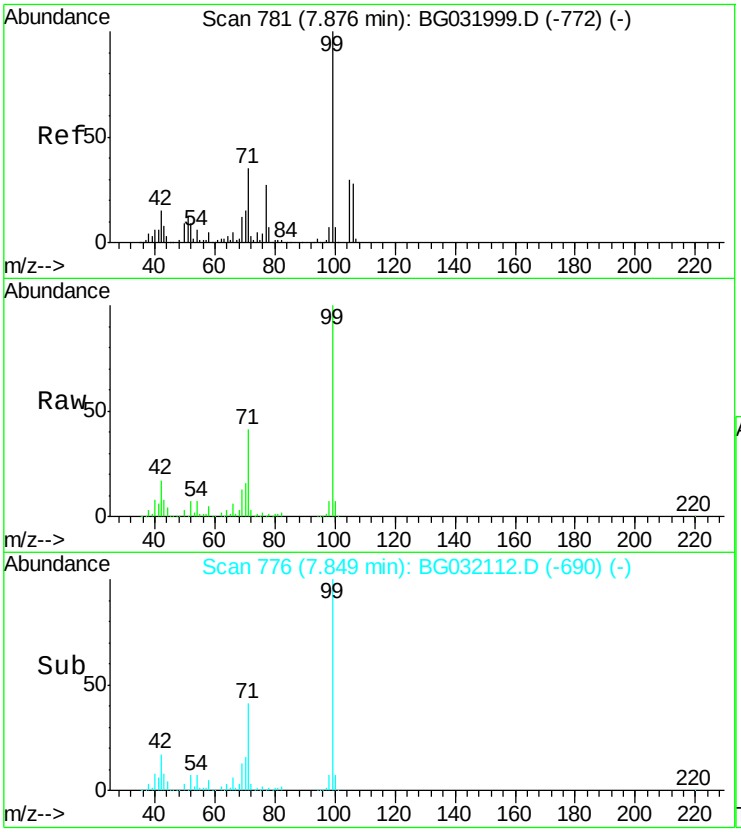


#5
2-Fluorophenol
Concen: 143.938 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:112 Resp: 393597

Ion	Ratio	Lower	Upper
112	100		
64	52.6	56.3	84.5#
63	30.2	30.1	45.1



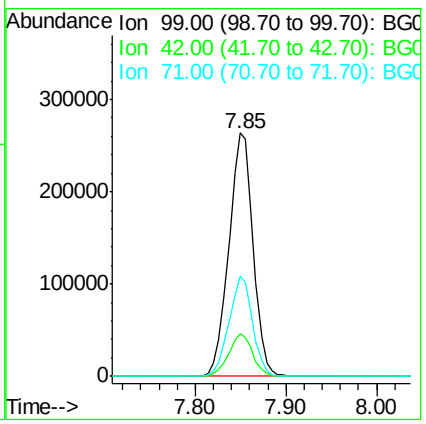


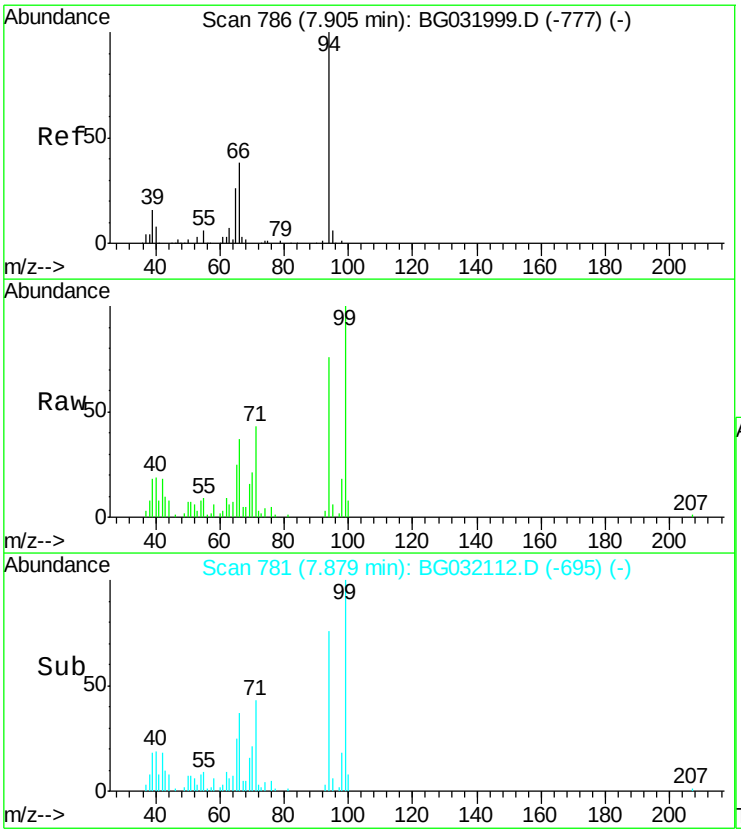
#7
Phenol-d6
Concen: 142.464 ng
RT: 7.85 min Scan# 776
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion: 99 Resp: 490636

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	41.0	26.1	39.1#

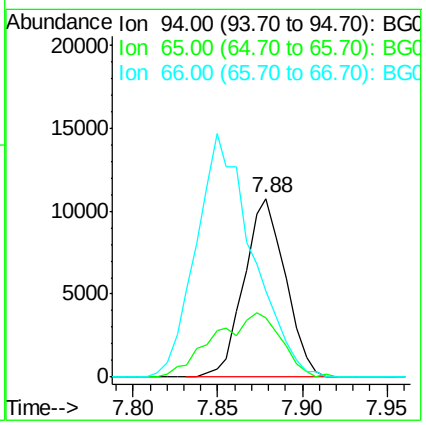


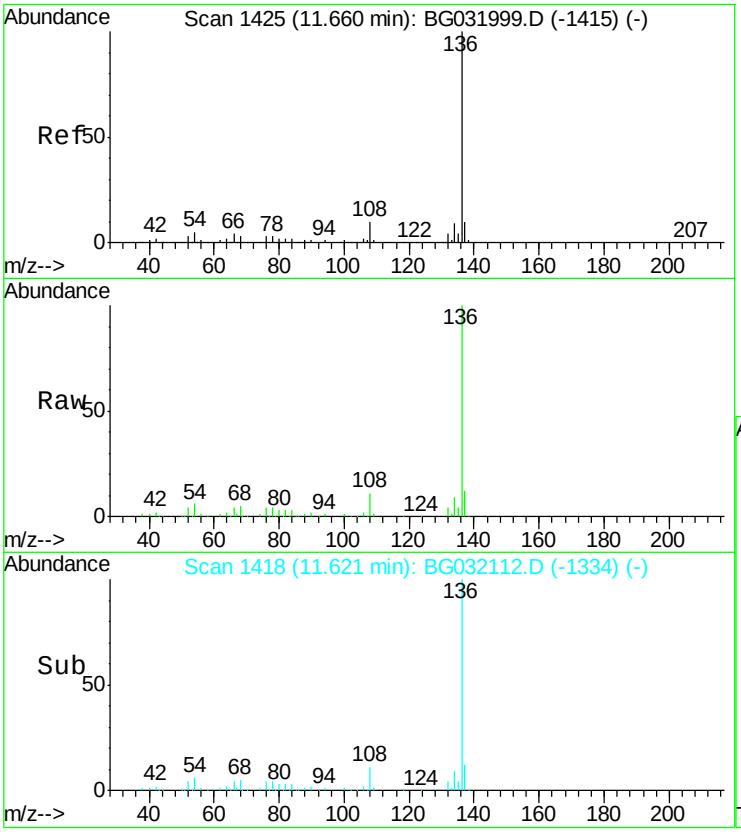


#10
Phenol
Concen: 5.369 ng
RT: 7.88 min Scan# 781
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion: 94 Resp: 18216

Ion	Ratio	Lower	Upper
94	100		
65	33.2	11.9	51.9
66	48.3	22.2	62.2



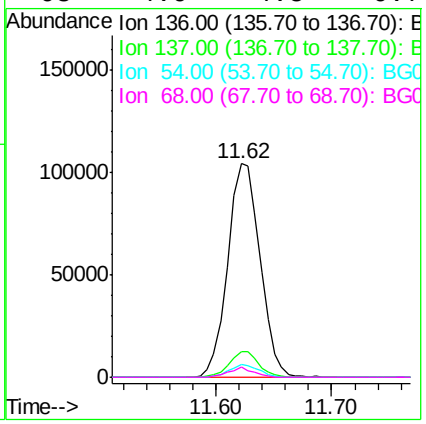


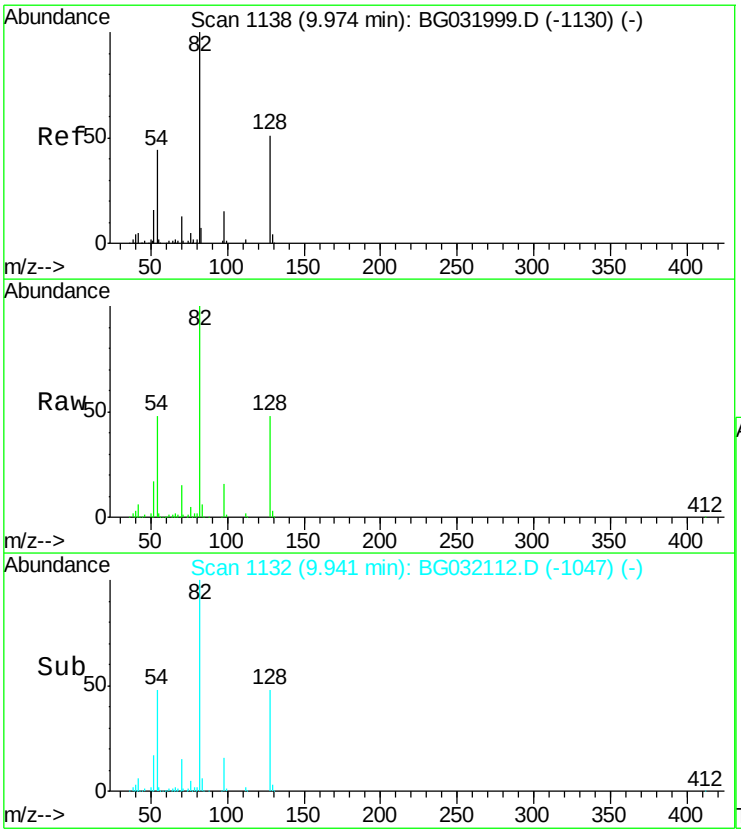
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:136 Resp: 202239

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.0	10.3	15.5#
68	4.9	4.5	6.7

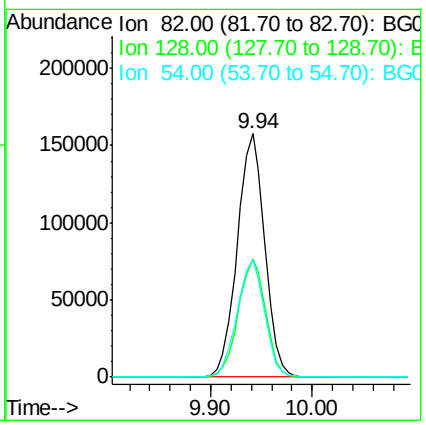


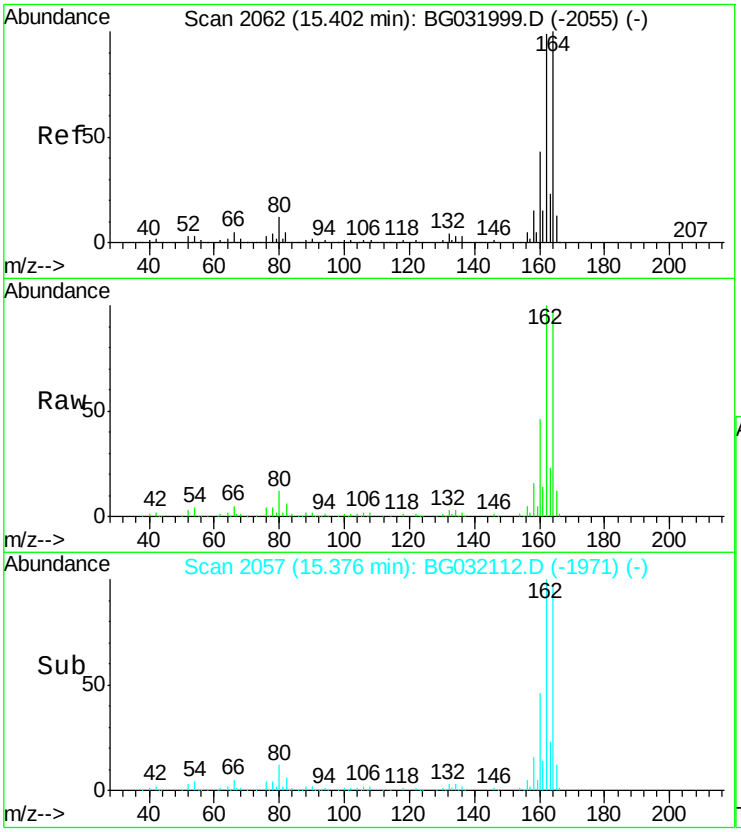


#23
Nitrobenzene-d5
Concen: 99.080 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion: 82 Resp: 296181

Ion	Ratio	Lower	Upper
82	100		
128	48.5	29.7	44.5#
54	48.2	43.1	64.7



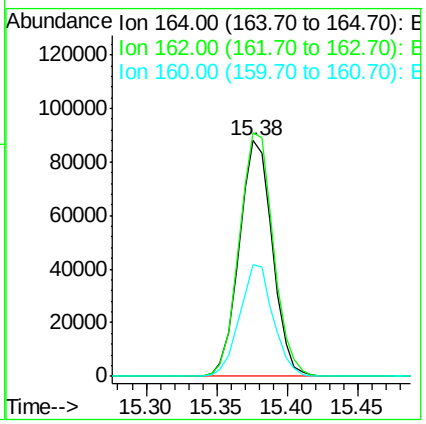


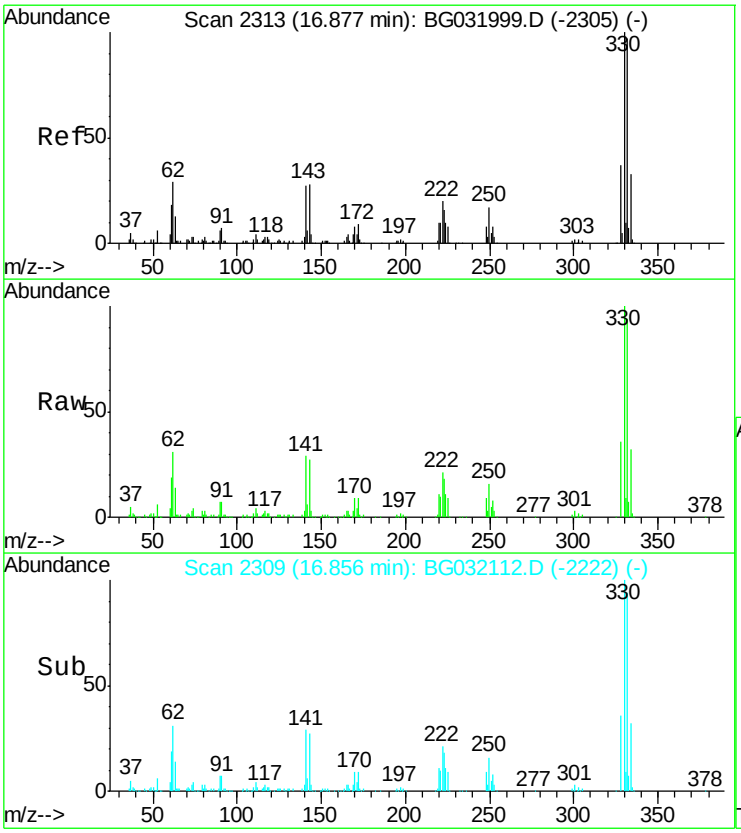
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:164 Resp: 144829

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	47.4	35.4	53.0

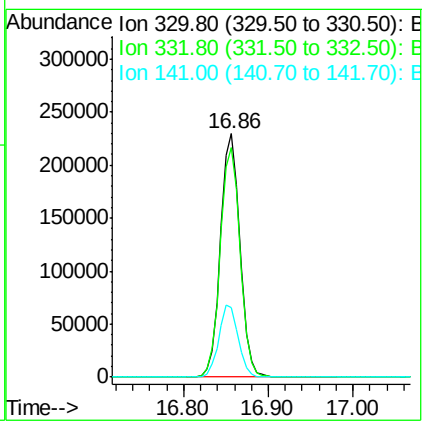


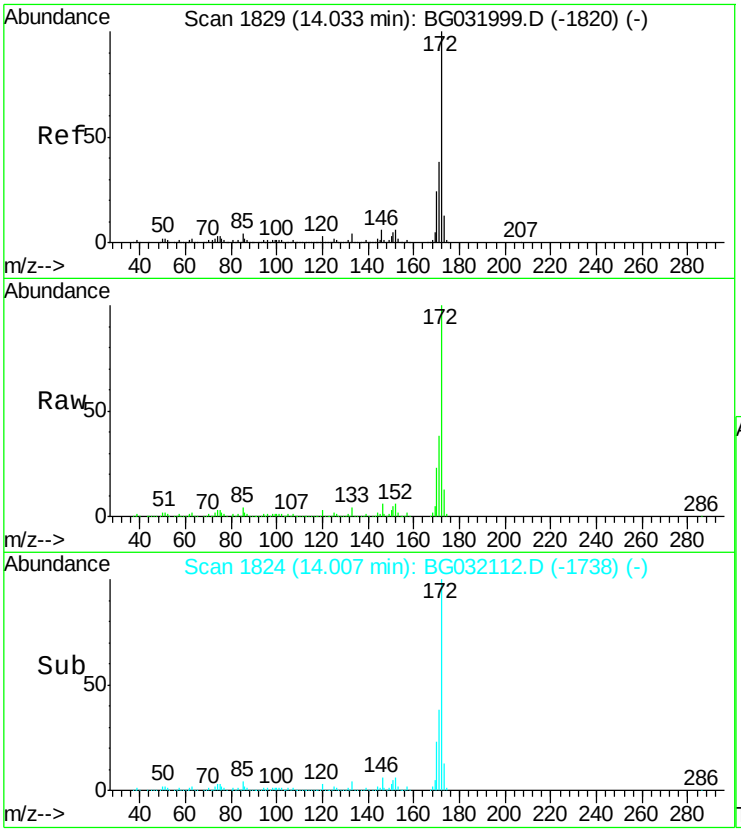


#41
2,4,6-Tribromophenol
Concen: 152.500 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:330 Resp: 365479

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	29.7	25.2	37.8



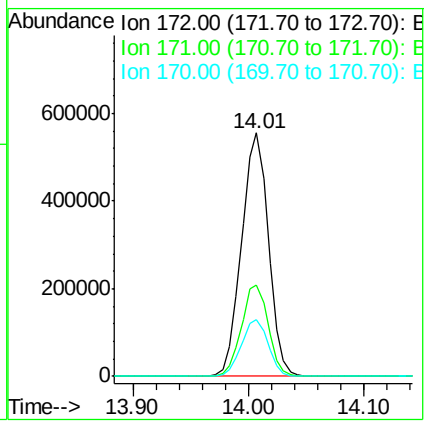


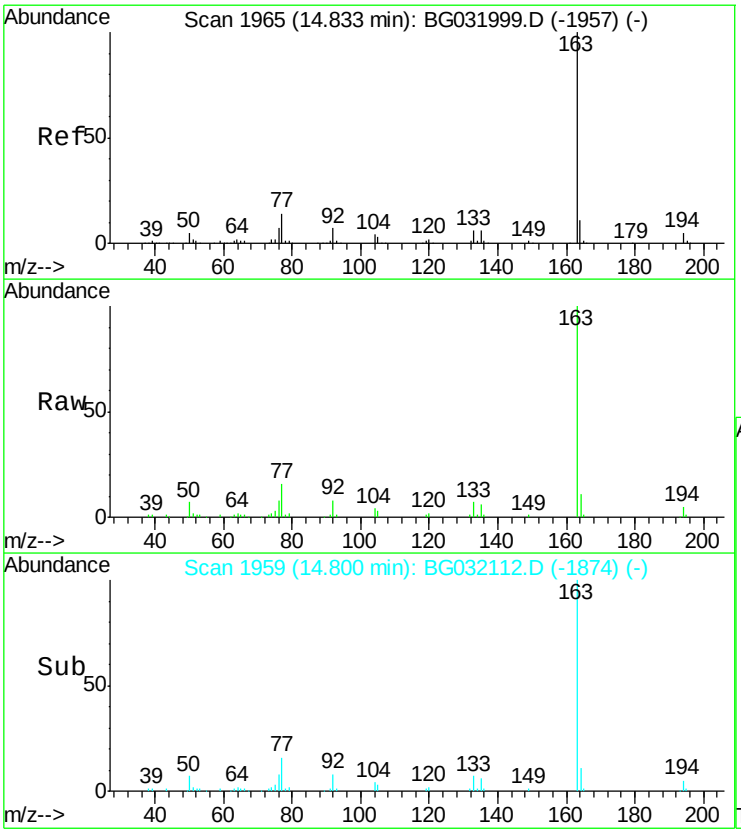
#44
2-Fluorobiphenyl
Concen: 76.827 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:172 Resp: 897354

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.4	19.5	29.3

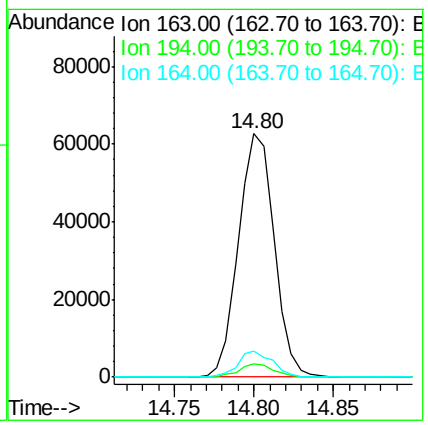


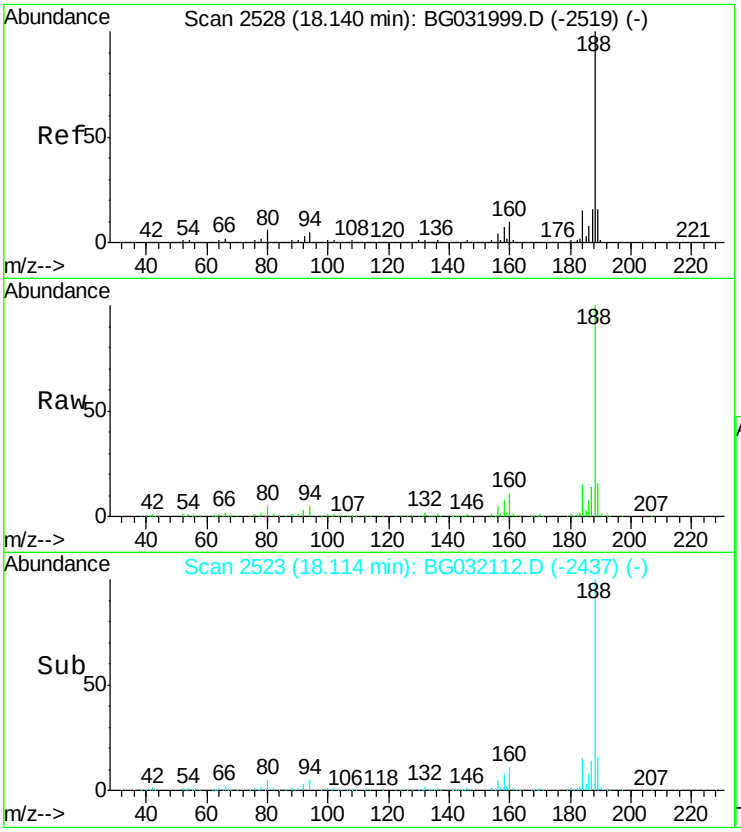


#49
Dimethylphthalate
Concen: 7.738 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:163 Resp: 98074

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	10.6	8.2	12.4



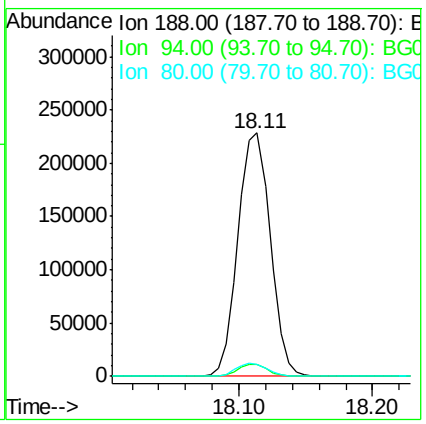


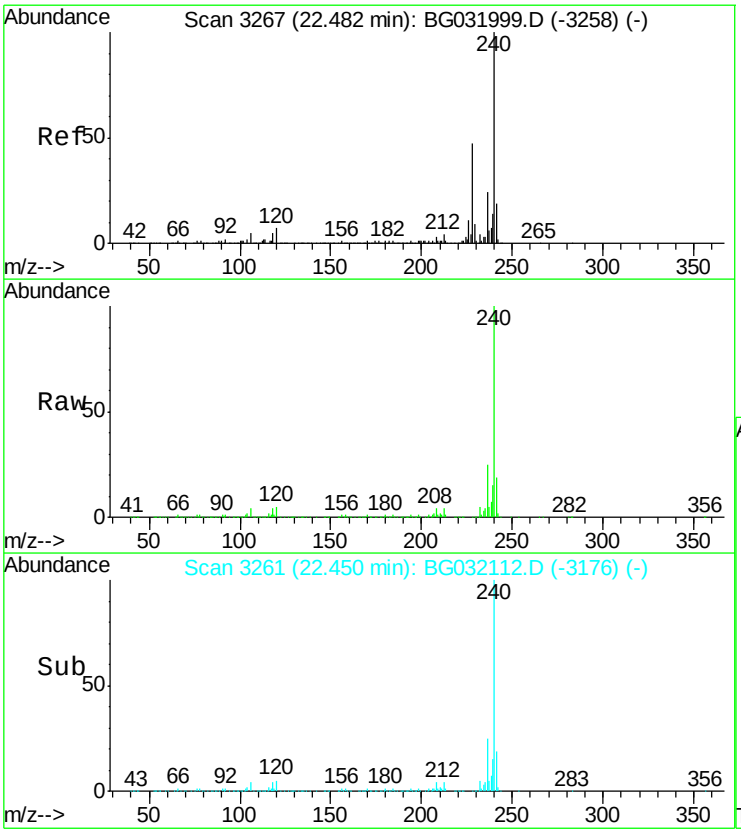
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:188 Resp: 383177

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.8	7.7	11.5#

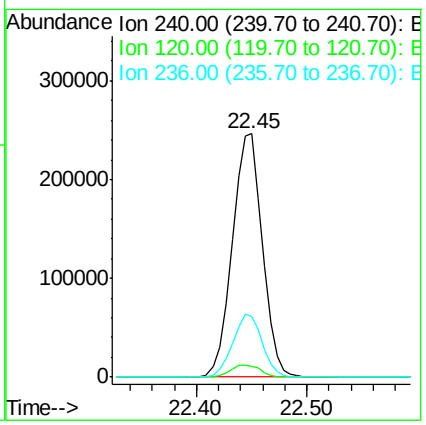


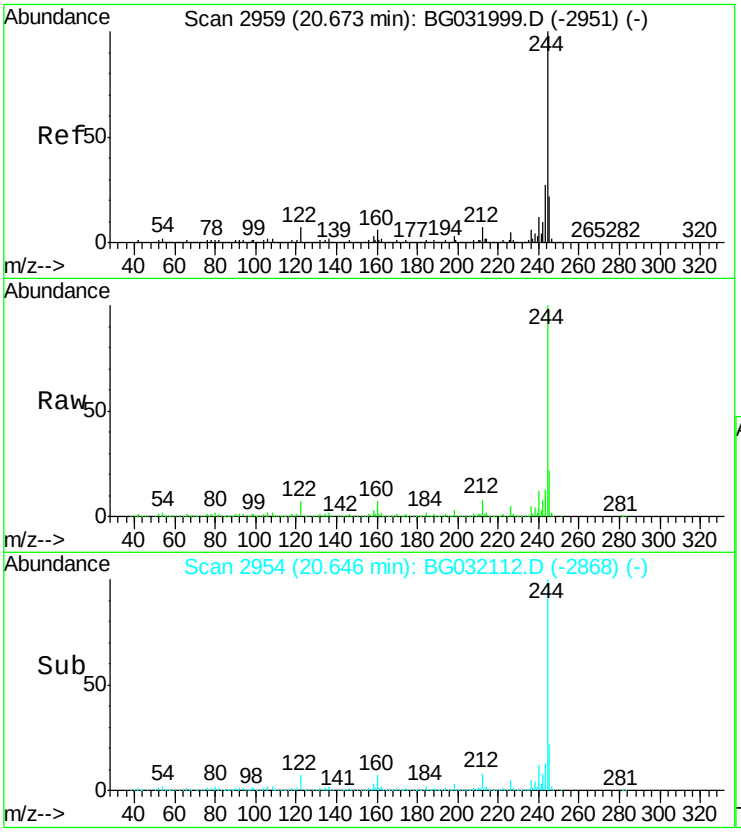


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:240 Resp: 470645

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	24.7	20.9	31.3



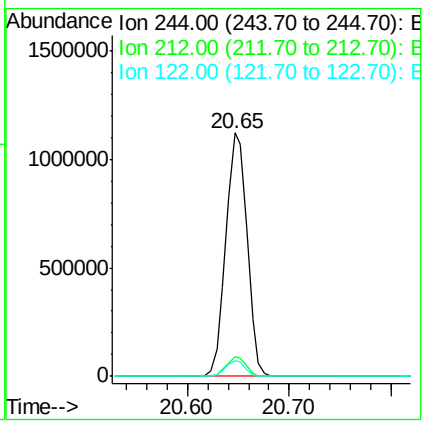


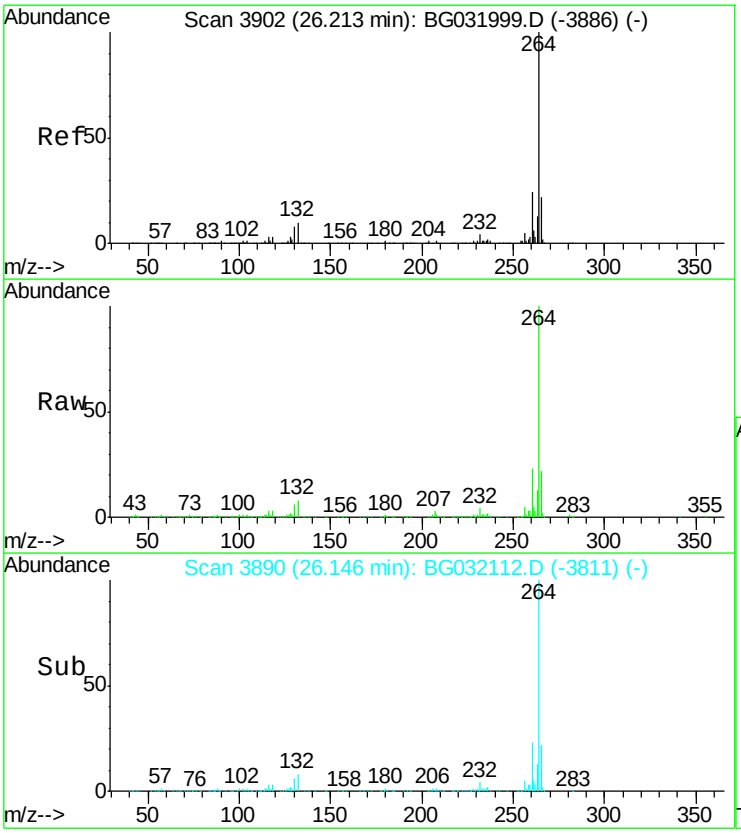
#78
Terphenyl-d14
Concen: 76.476 ng
RT: 20.65 min Scan# 2954
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:244 Resp: 1630084

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3890
Delta R.T. -0.07 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:264 Resp: 496170

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.9	17.7	26.5