Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032185.D
Acq On : 20 Jan 2018 18:42
Operator : SJ/JU
Sample : J1186-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-1

Quant Time: Jan 22 05:25:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43120	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	162808	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	105858	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	290613	20.00	ng	0.00
75) Chrysene-d12	22.44	240	411445	20.00	ng	0.00
86) Perylene-d12	26.14	264	425170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	286158	121.37	ng	0.00
7) Phenol-d6	7.85	99	307387	103.52	ng	0.00
23) Nitrobenzene-d5	9.94	82	235125	97.71	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	254156	145.09	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	775617	90.85	ng	0.00
78) Terphenyl-d14	20.64	244	1702082	91.34	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.68	128	153691	19.056	ng	99
37) 2-Methylnaphthalene	13.23	142	14455	2.258	ng	91
48) Acenaphthylene	15.10	152	24216	2.253	ng	98
57) Fluorene	16.41	166	34055	3.916	ng	94
70) Phenanthrene	18.15	178	109422	6.763	ng	98
76) Benzidine	20.27	184	25754	2.503	ng	96

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

Quantitation Report (QT Reviewed)

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Acq On : 20 Jan 2018 18:42
Operator : SJ/JU
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Misc :
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OWS-1

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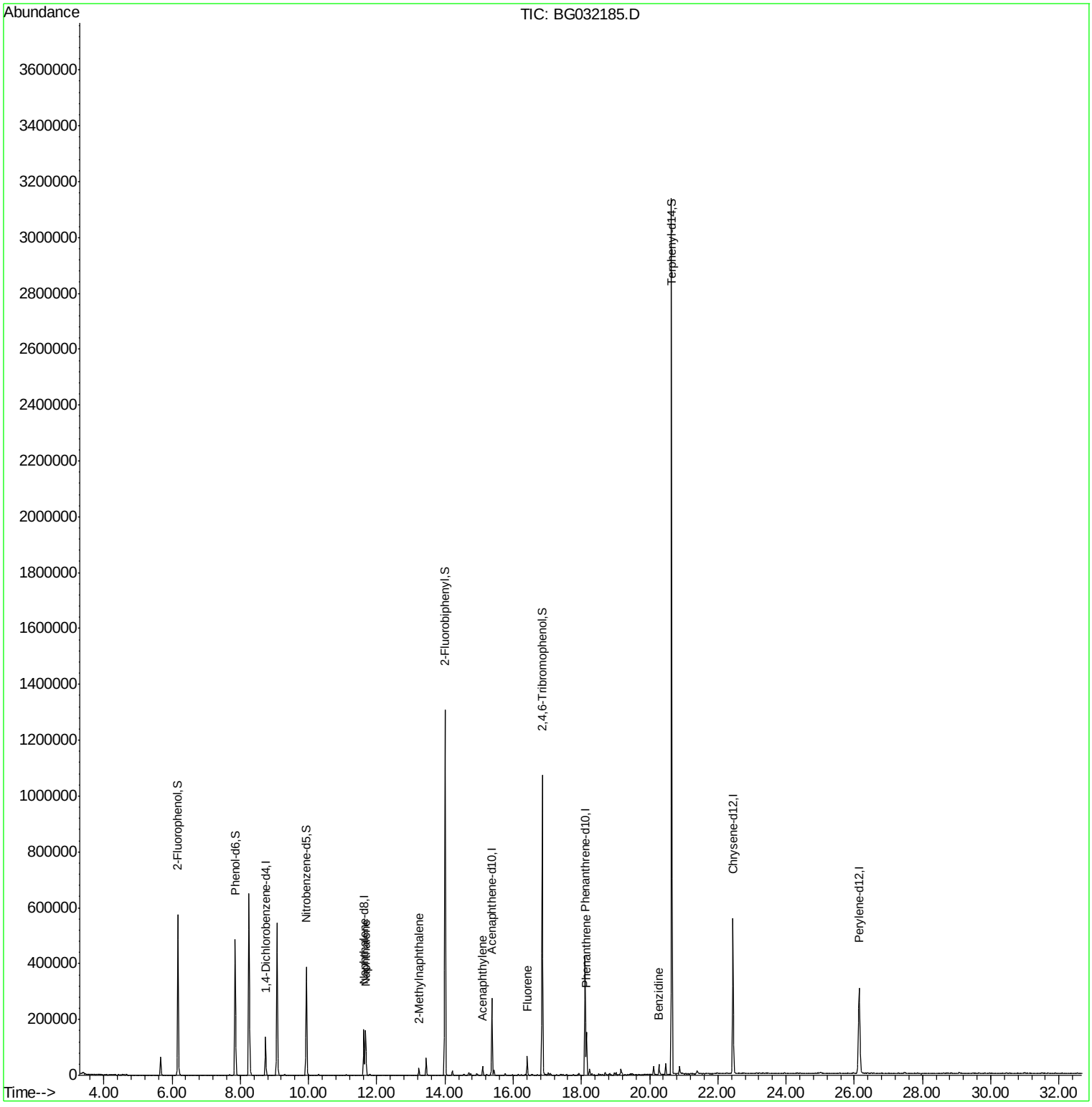
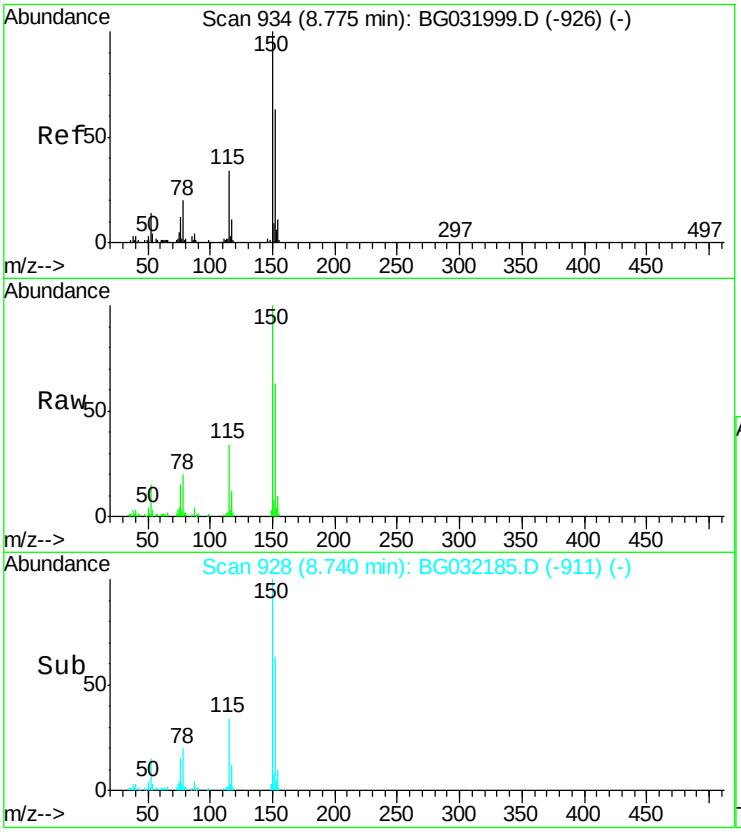


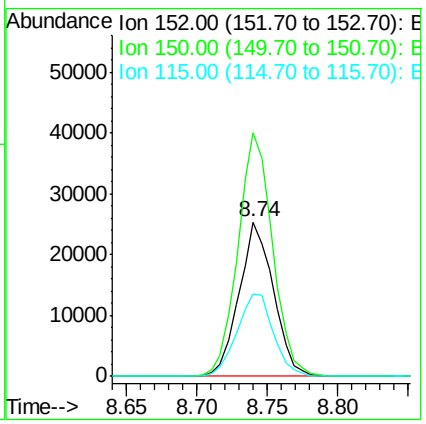


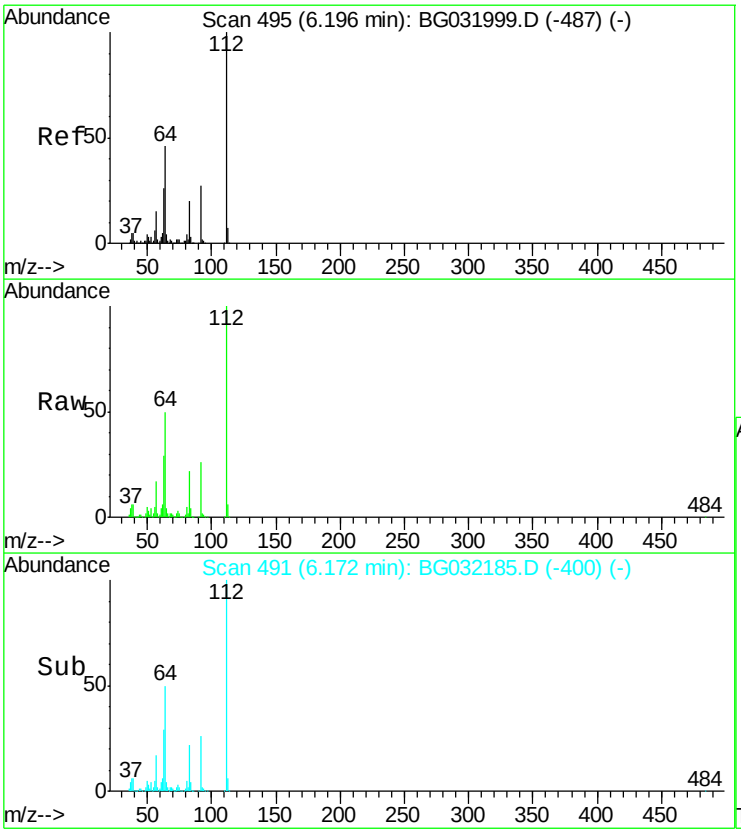
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:152 Resp: 43120

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	53.7	53.0	79.4

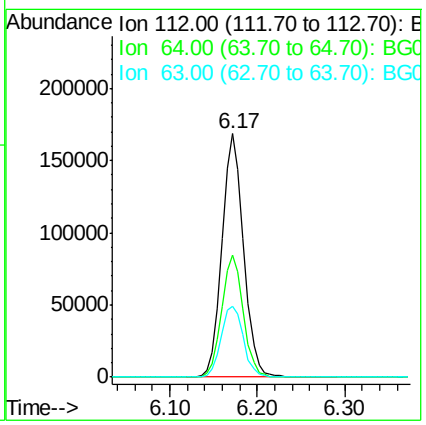


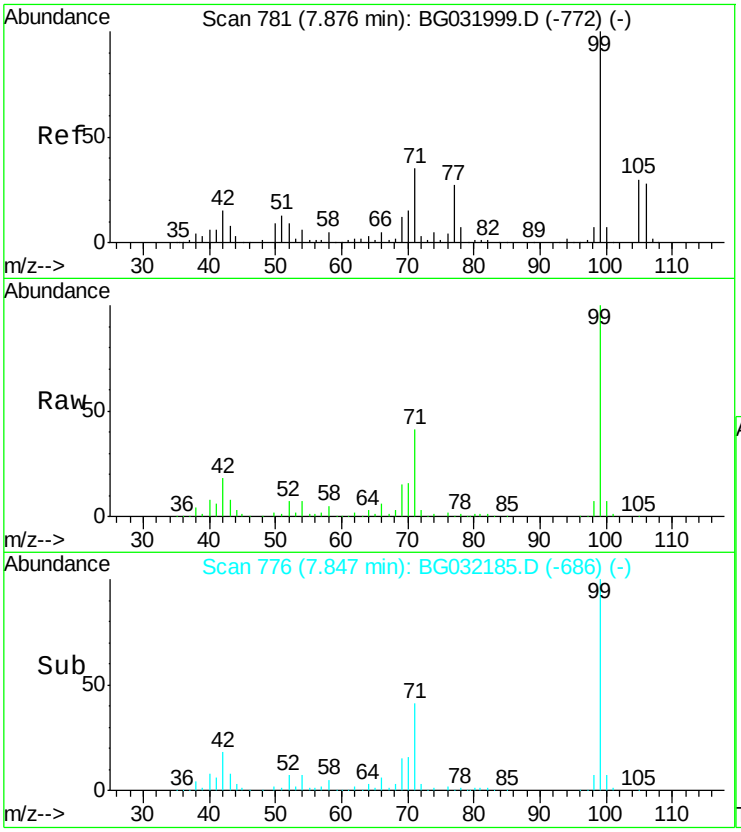


#5
2-Fluorophenol
Concen: 121.374 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:112 Resp: 286158

Ion	Ratio	Lower	Upper
112	100		
64	49.9	56.3	84.5#
63	29.2	30.1	45.1#



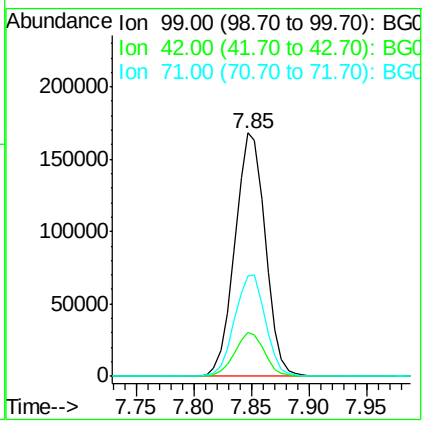


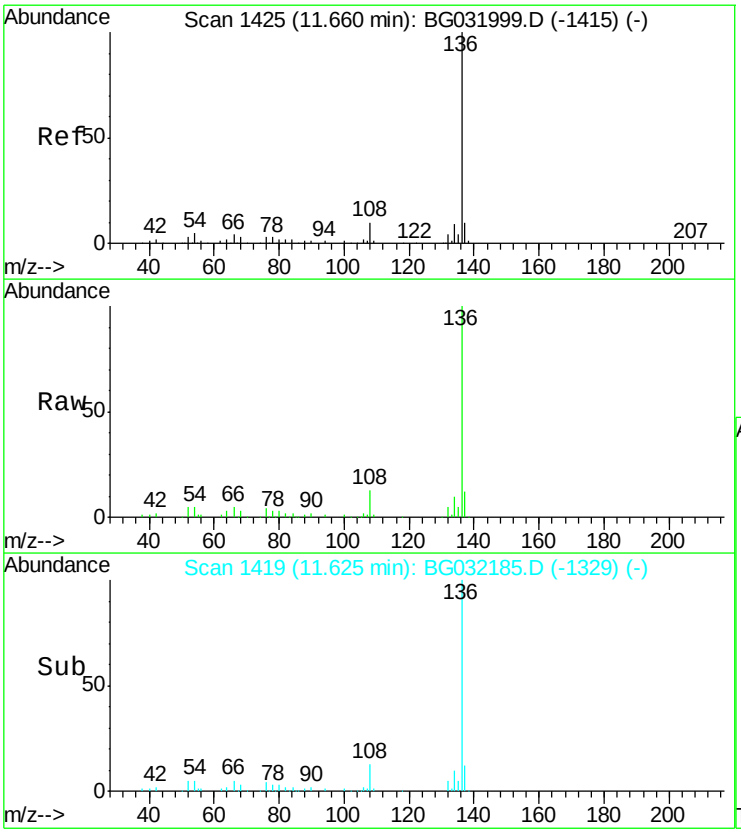
#7
Phenol-d6
Concen: 103.521 ng
RT: 7.85 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion: 99 Resp: 307387

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	41.2	26.1	39.1#

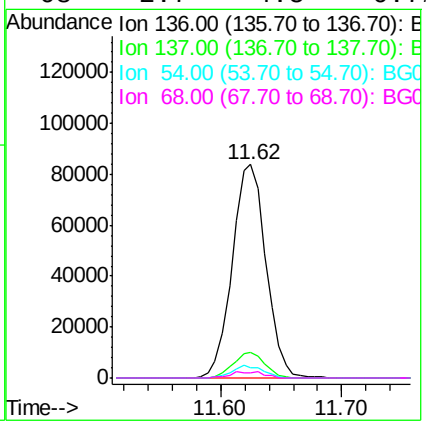


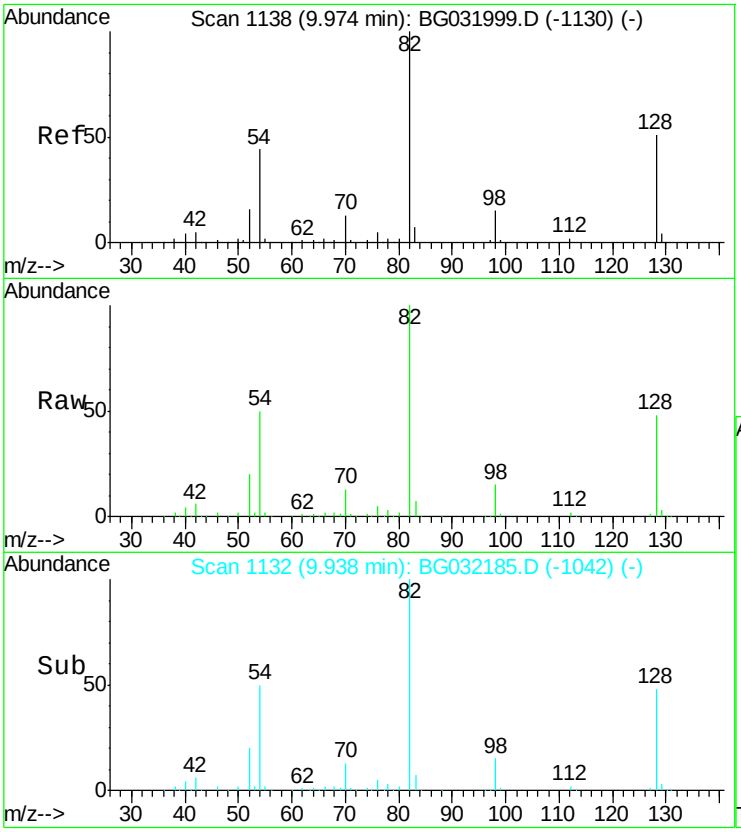


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:136 Resp: 162808

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	5.1	10.3	15.5#
68	2.7	4.5	6.7#



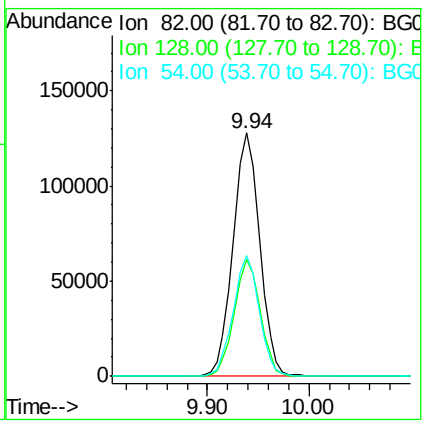


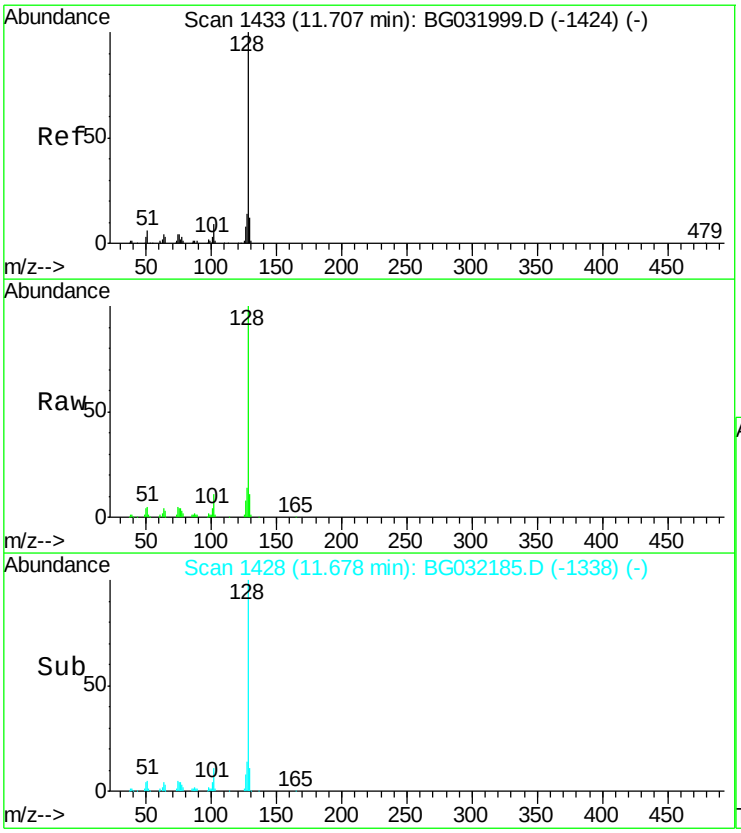
#23
Nitrobenzene-d5
Concen: 97.705 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument : BNA_G
ClientSampleId : OWS-1

Tgt Ion: 82 Resp: 235125

Ion	Ratio	Lower	Upper
82	100		
128	48.0	29.7	44.5#
54	49.5	43.1	64.7

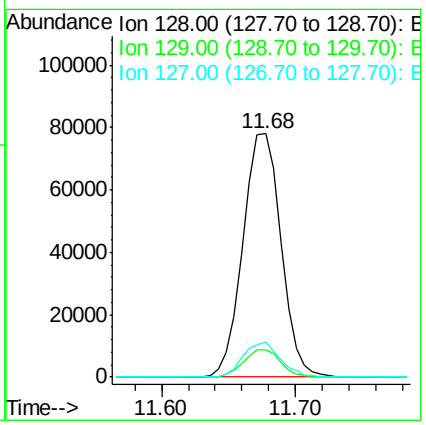


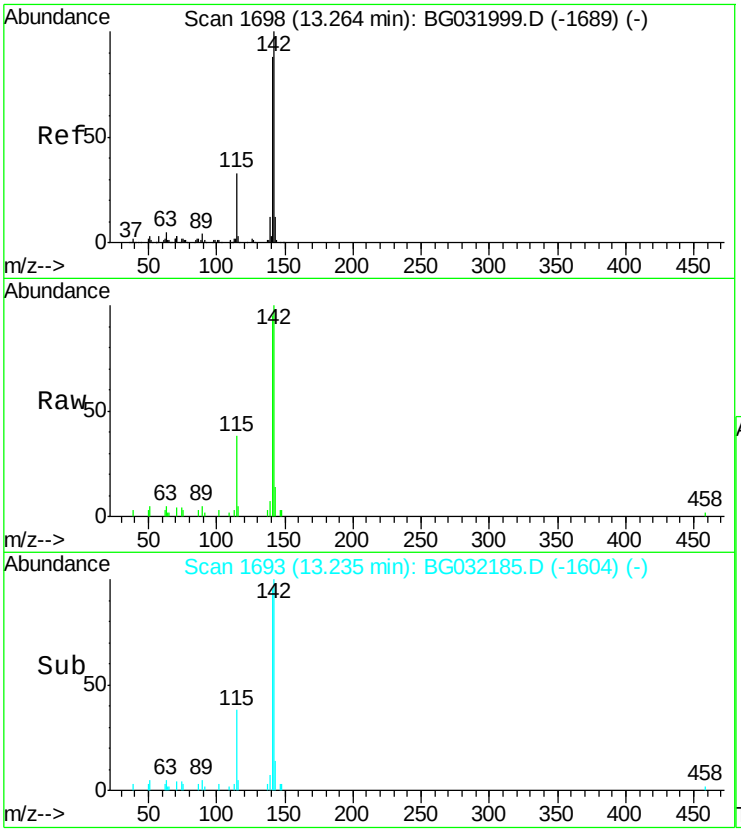


#31
Naphthalene
Concen: 19.056 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:128 Resp: 153691

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.5	11.6	17.4



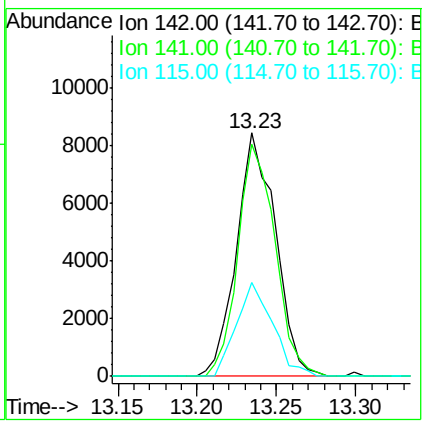


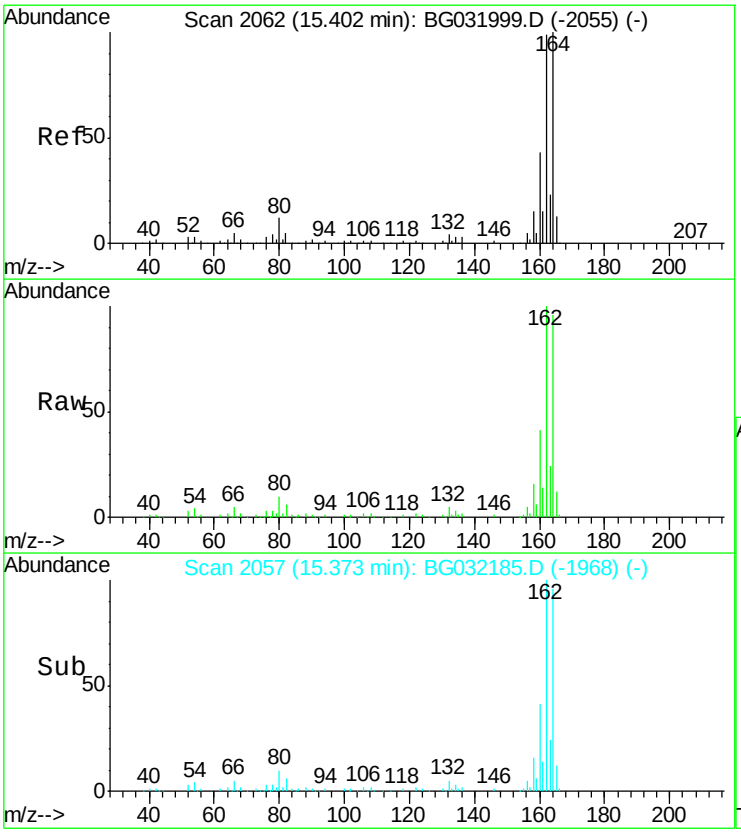
#37
2-Methylnaphthalene
Concen: 2.258 ng
RT: 13.23 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:142 Resp: 14455

Ion	Ratio	Lower	Upper
142	100		
141	95.3	67.1	100.7
115	38.4	30.7	46.1

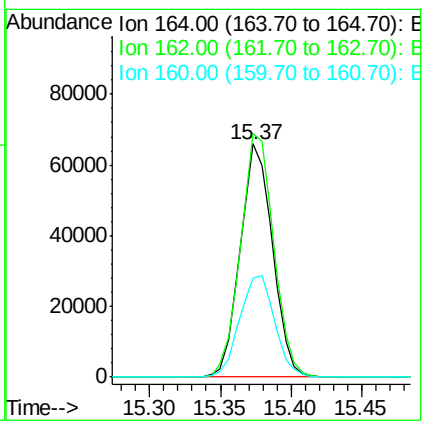


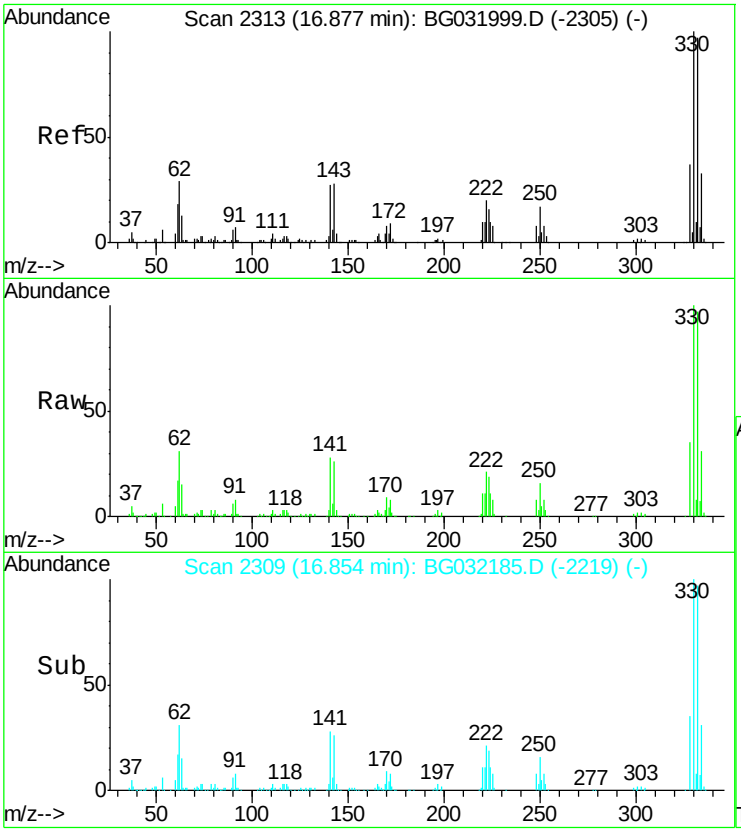


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:164 Resp: 105858

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	42.7	35.4	53.0



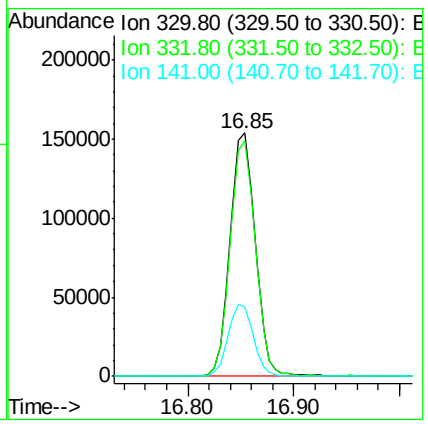


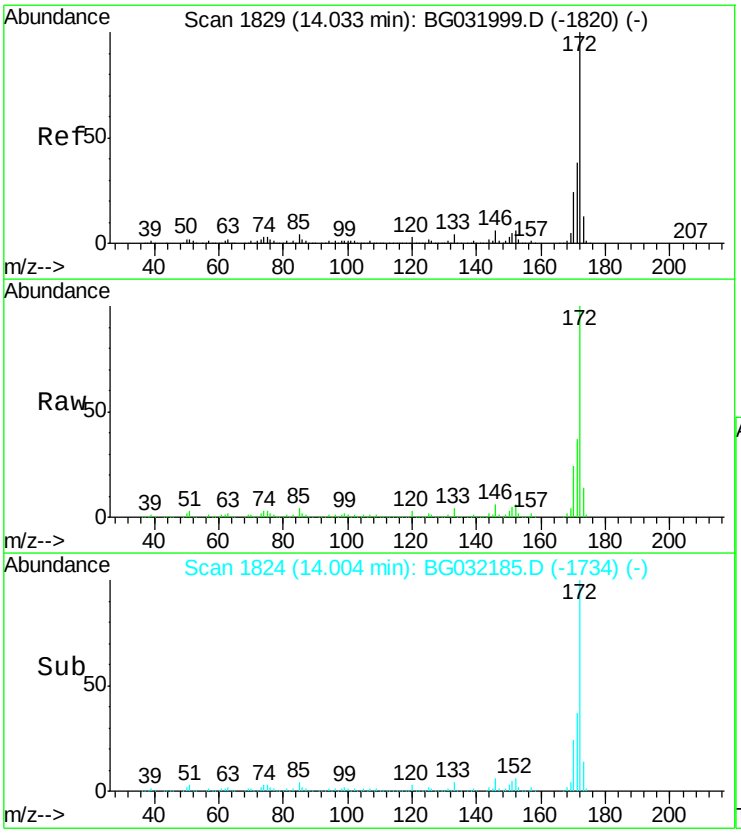
#41
2,4,6-Tribromophenol
Concen: 145.091 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:330 Resp: 254156

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.5	25.2	37.8

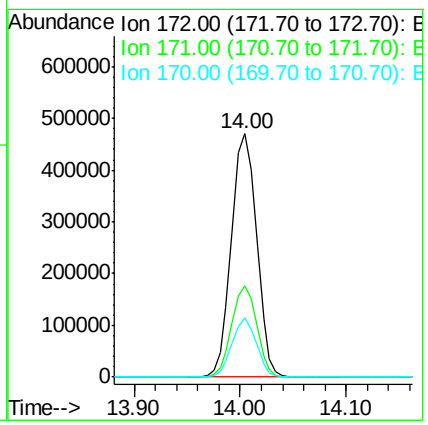


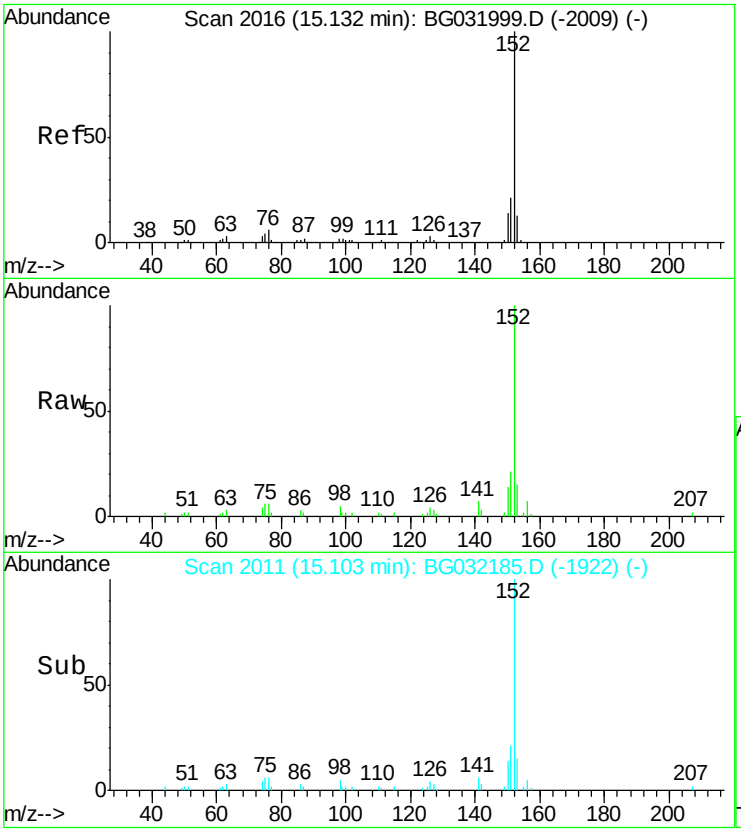


#44
2-Fluorobiphenyl
Concen: 90.851 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:172 Resp: 775617

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.3	19.5	29.3



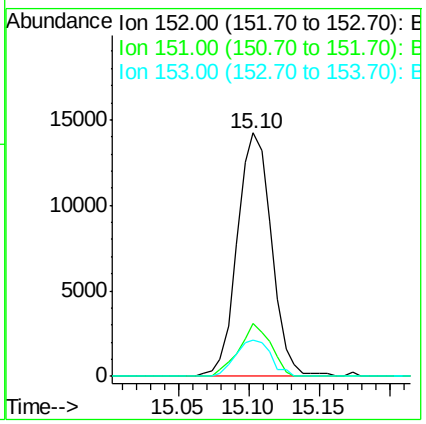


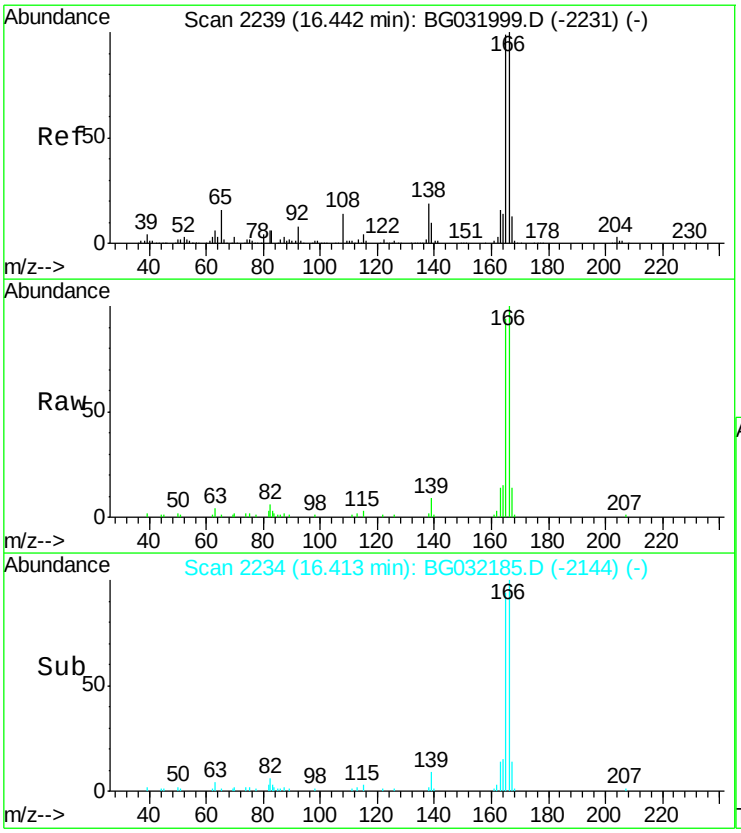
#48
Acenaphthylene
Concen: 2.253 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:152 Resp: 24216

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	15.0	10.2	15.4

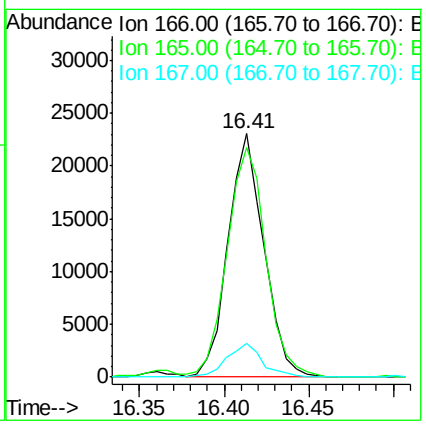


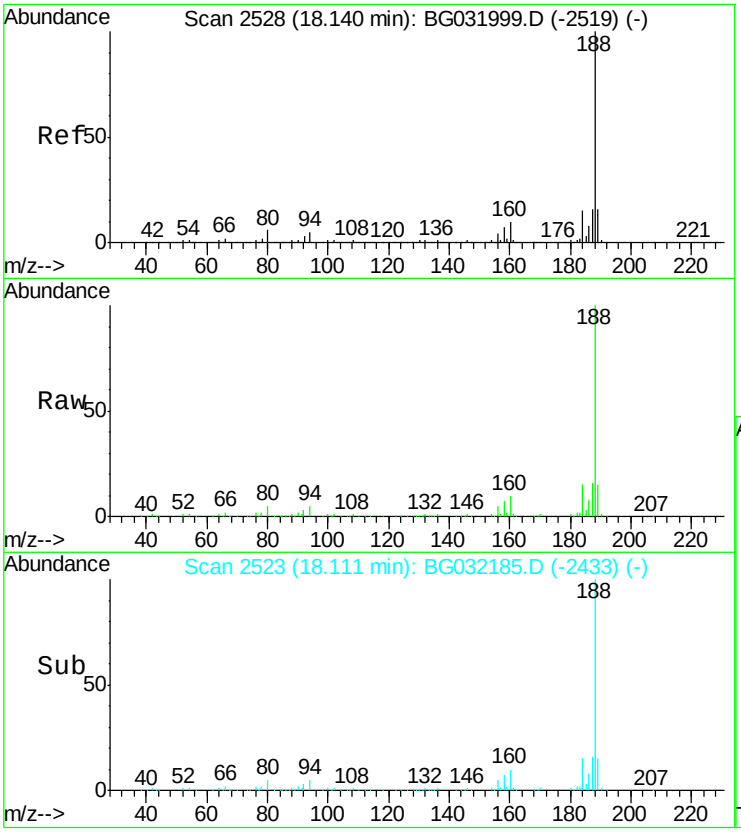


#57
Fluorene
Concen: 3.916 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:166 Resp: 34055

Ion	Ratio	Lower	Upper
166	100		
165	94.5	80.6	121.0
167	13.7	10.4	15.6



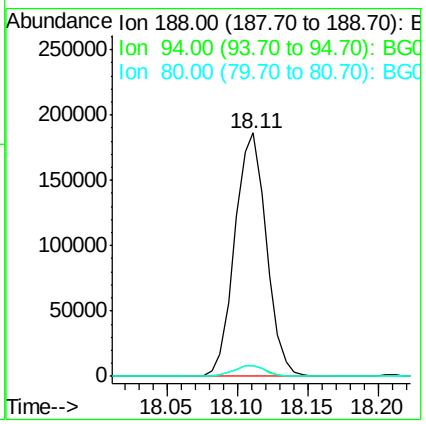


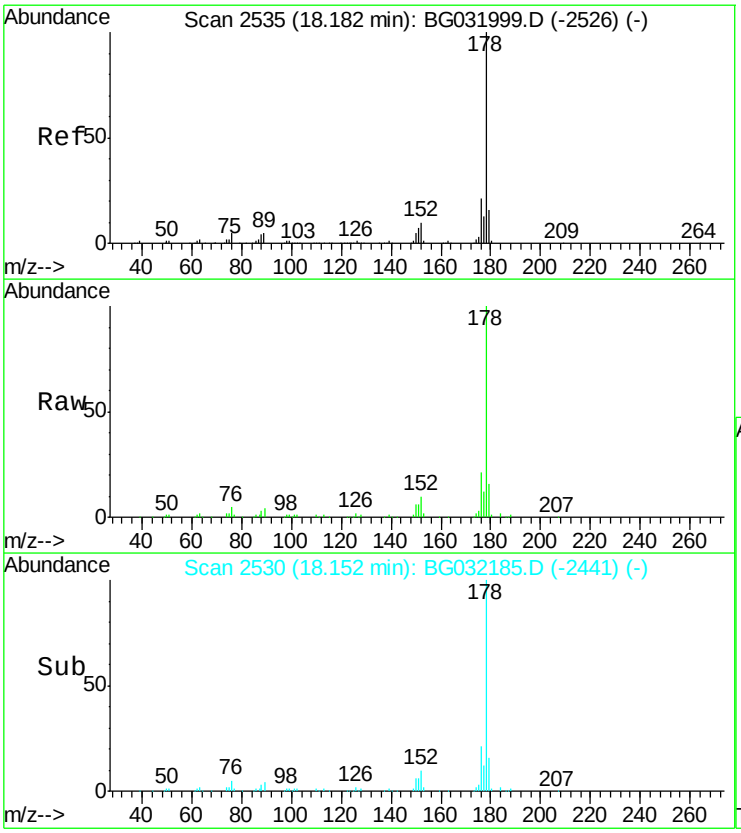
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:188 Resp: 290613

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.6	7.7	11.5#

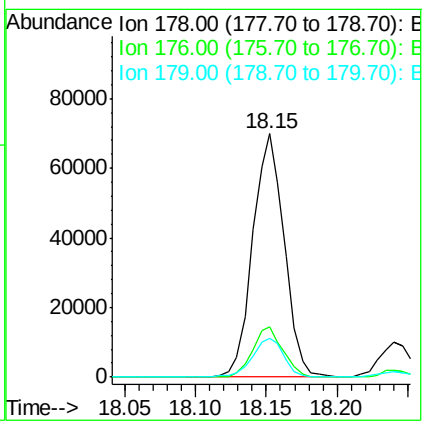


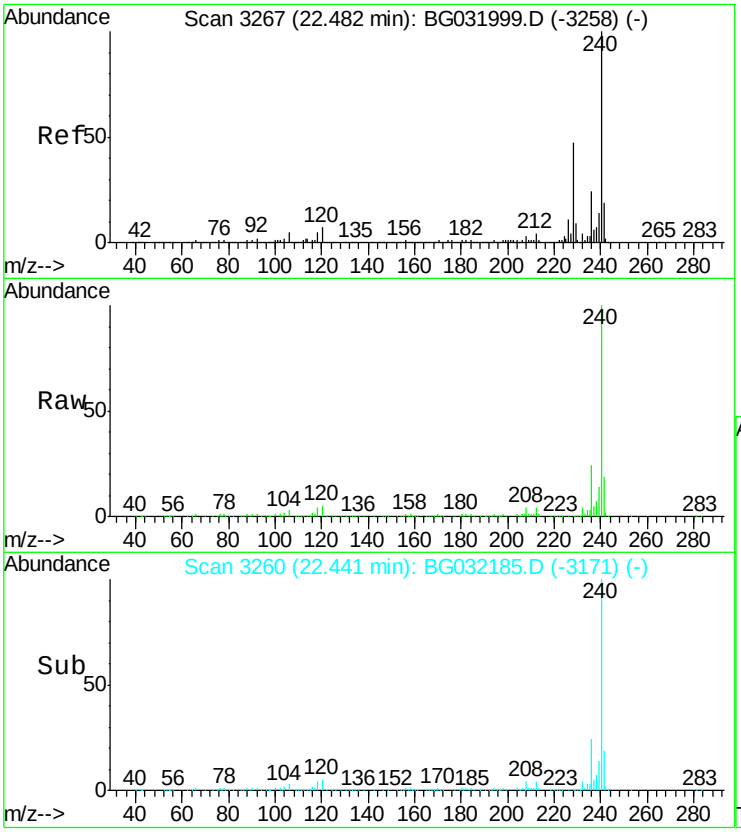


#70
Phenanthrene
Concen: 6.763 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:178 Resp: 109422

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	15.8	12.5	18.7



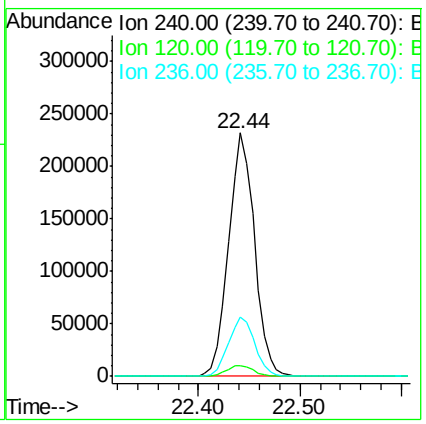


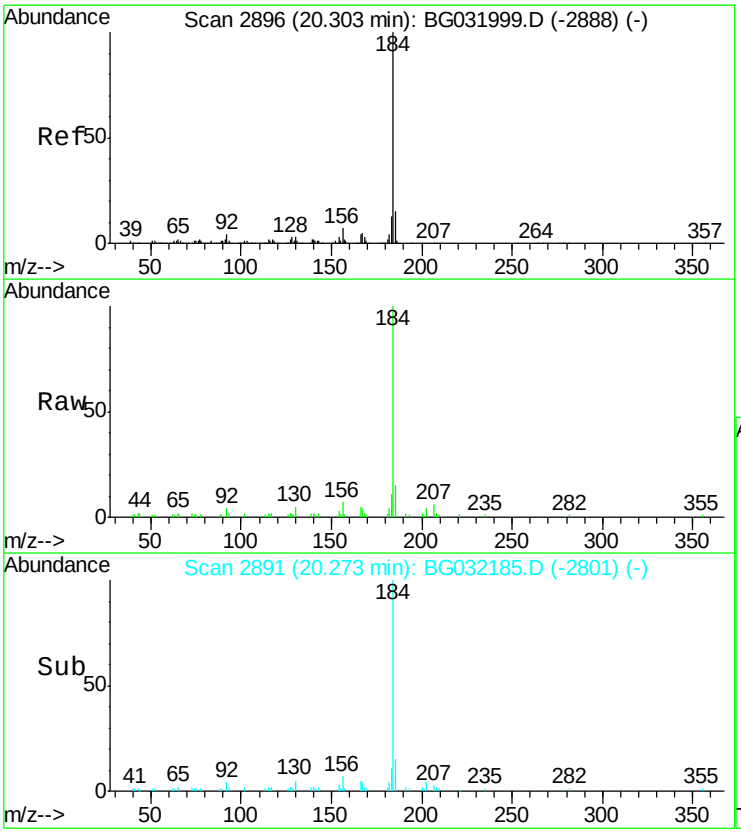
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:240 Resp: 411445

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	24.5	20.9	31.3

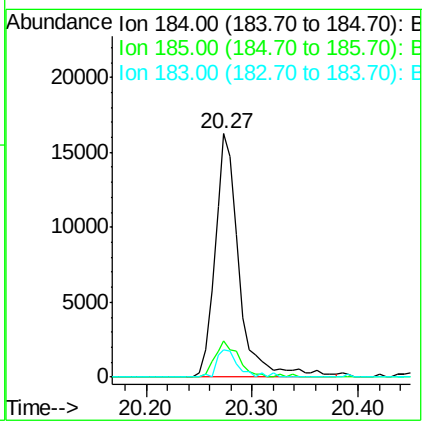


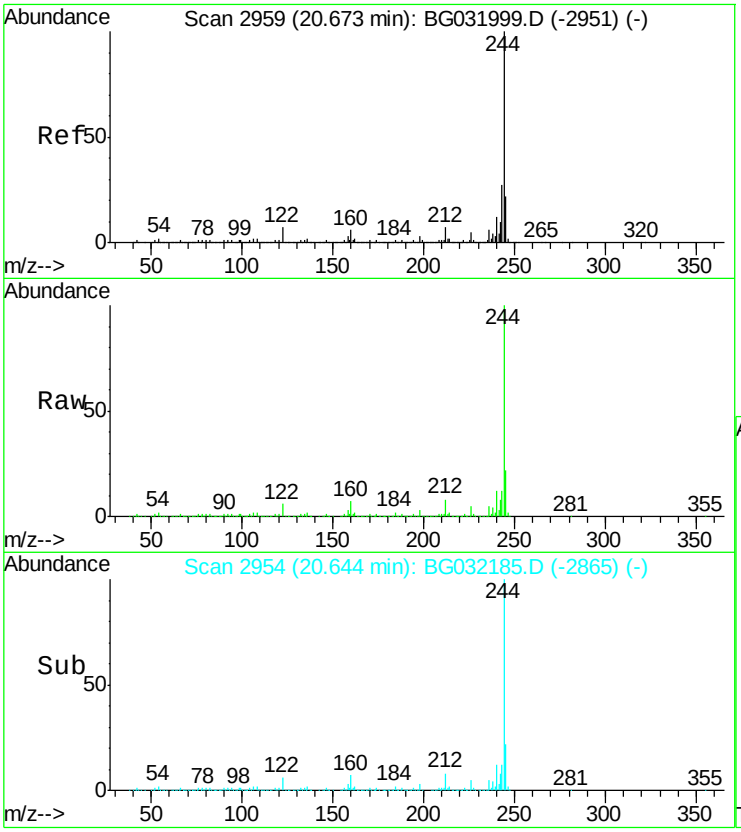


#76
Benzidine
Concen: 2.503 ng
RT: 20.27 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:184 Resp: 25754

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	11.4	10.6	16.0



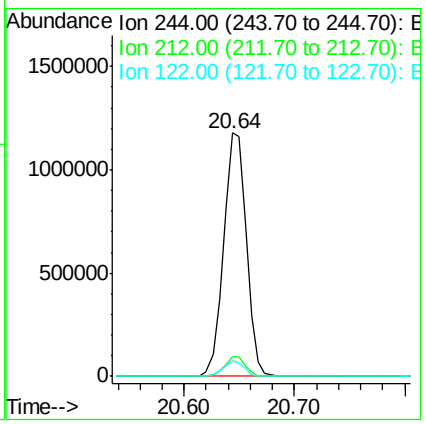


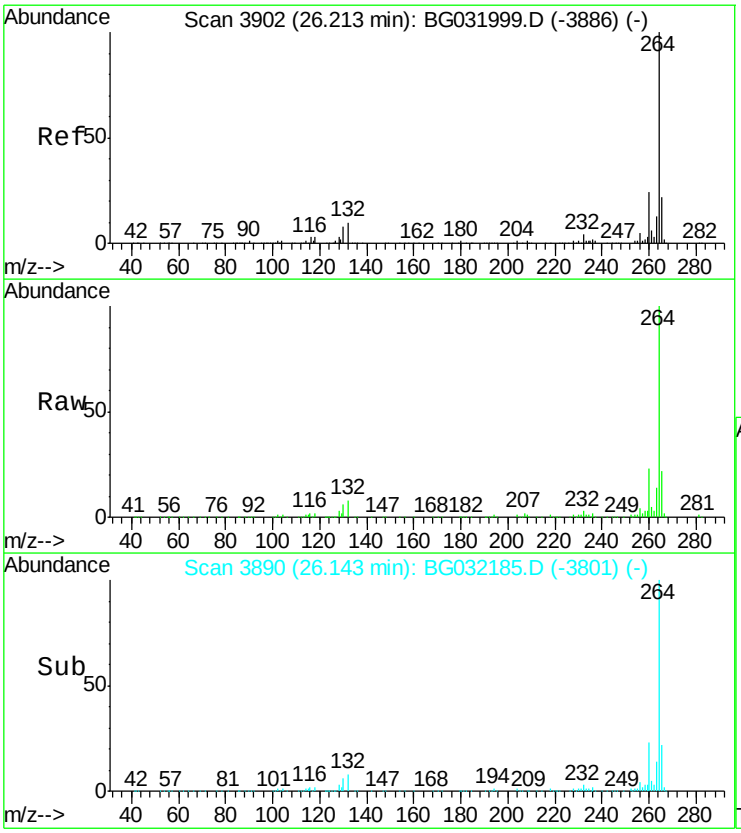
#78
Terphenyl-d14
Concen: 91.343 ng
RT: 20.64 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:244 Resp: 1702082

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032185.D
Acq: 20 Jan 2018 18:42

Tgt Ion:264 Resp: 425170

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.7	17.7	26.5