Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030570.D
Acq On : 29 Oct 2017 20:43
Operator : SJ/JU
Sample : I6094-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 30 08:03:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	69261	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	295066	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	195929	20.00	ng		-0.01
63) Phenanthrene-d10	17.52	188	488911	20.00	ng		-0.01
75) Chrysene-d12	21.80	240	511999	20.00	ng		0.00
86) Perylene-d12	25.11	264	508846	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	542446	130.84	ng		0.00
7) Phenol-d6	7.32	99	673138	115.67	ng		0.00
23) Nitrobenzene-d5	9.33	82	448057	96.50	ng		-0.01
41) 2,4,6-Tribromophenol	16.27	330	286067	113.09	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1226427	91.81	ng		0.00
78) Terphenyl-d14	20.11	244	2005001	89.09	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	11.03	128	289376	19.678	ng		99
33) 4-Chloroaniline	11.03	127	38744	6.263	ng	#	35
55) 4-Nitrophenol	15.18	139	7975	2.797	ng	#	2

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030570.D
Acq On : 29 Oct 2017 20:43
Operator : SJ/JU
Sample : I6094-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

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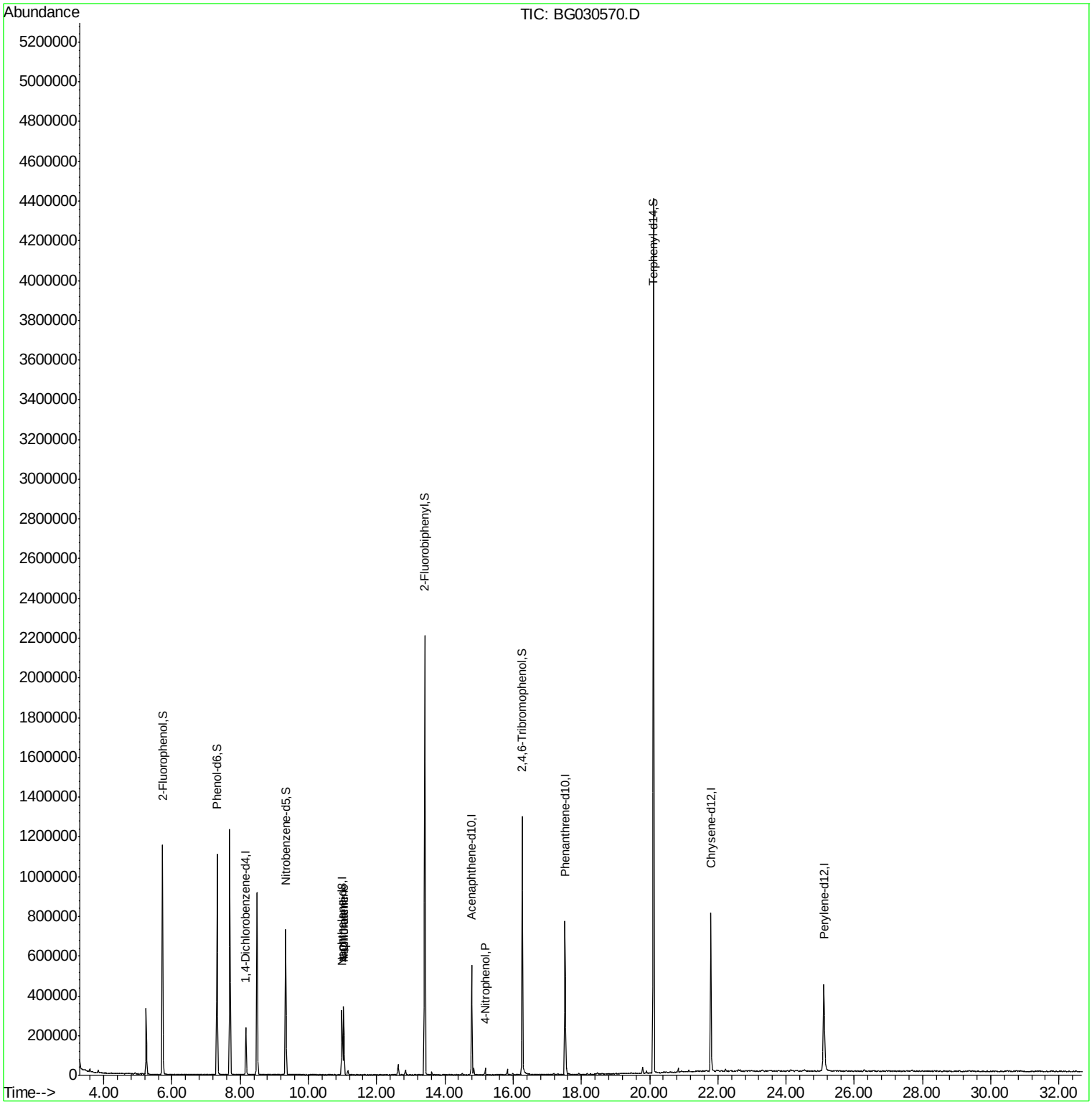
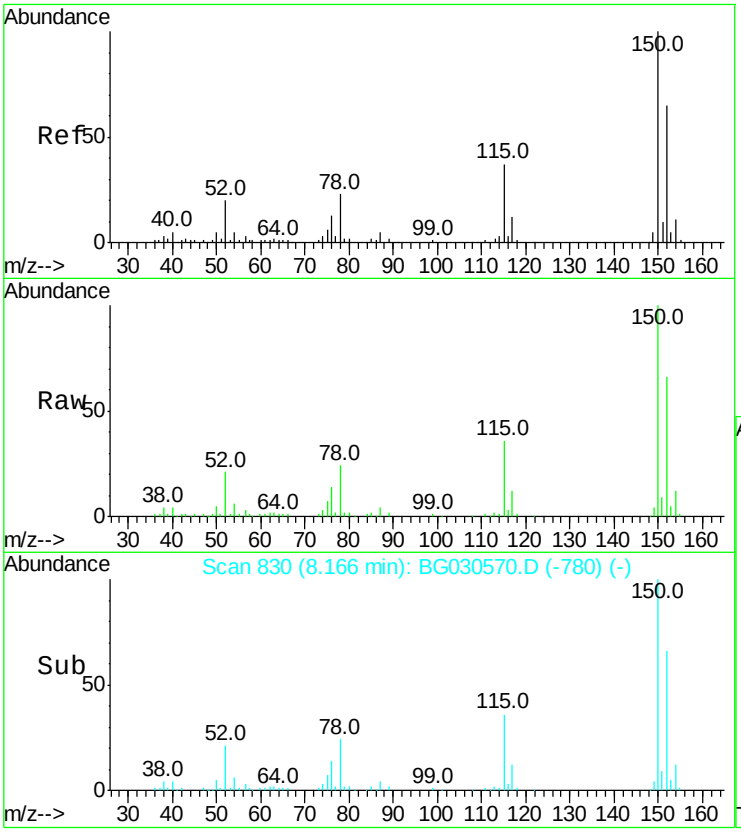


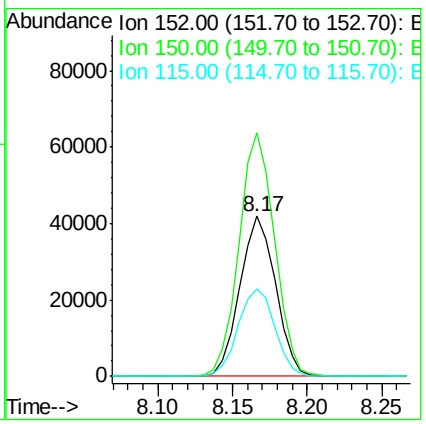


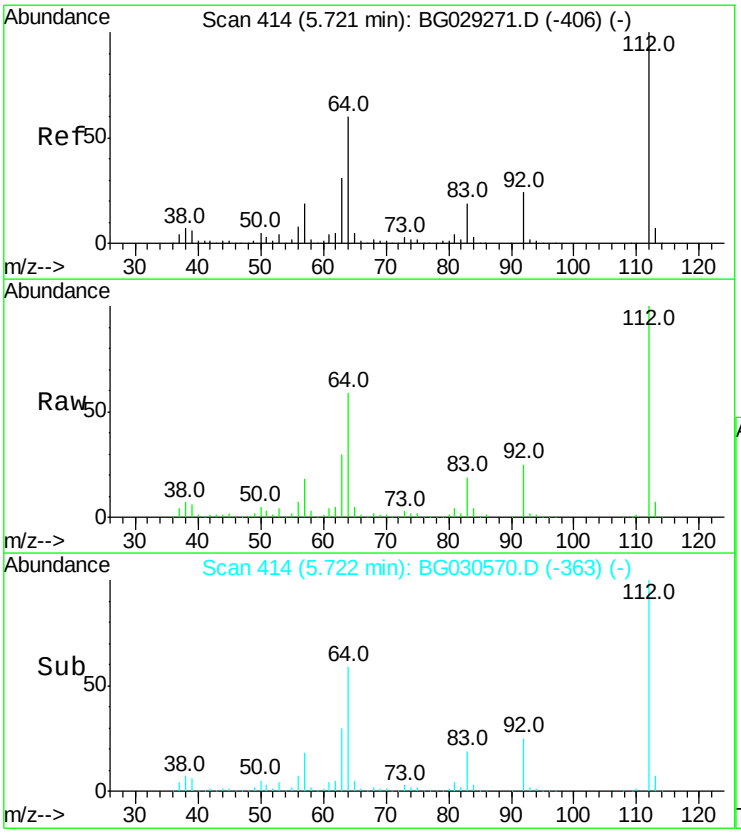
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 69261

Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.6	189.8
115	54.9	53.0	79.4

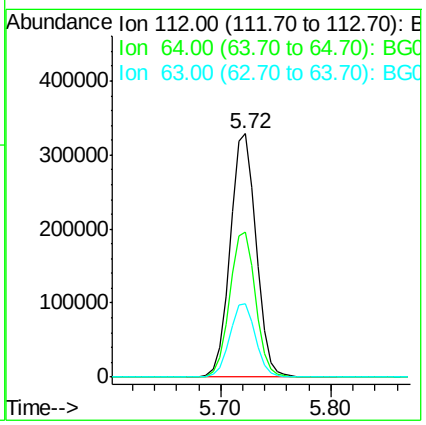


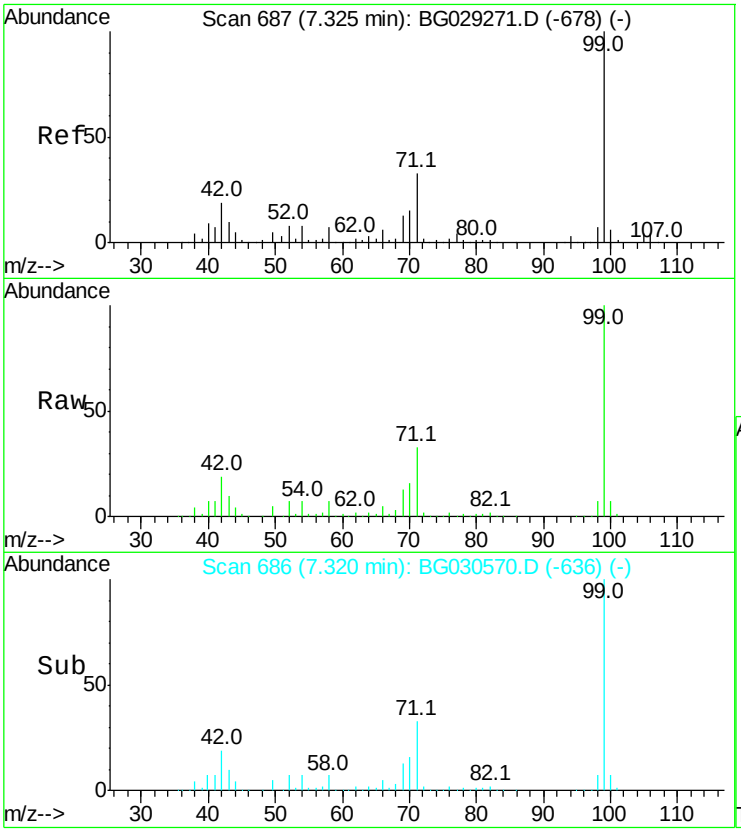


#5
2-Fluorophenol
Concen: 130.836 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:112 Resp: 542446

Ion	Ratio	Lower	Upper
112	100		
64	59.4	56.3	84.5
63	30.2	30.1	45.1



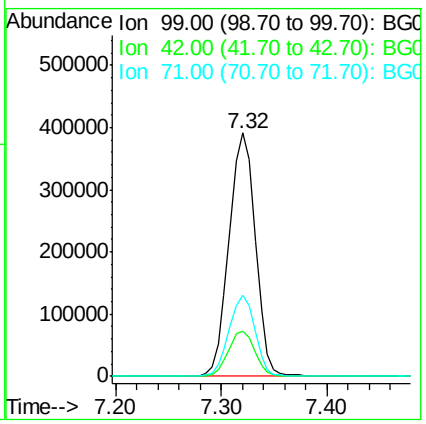


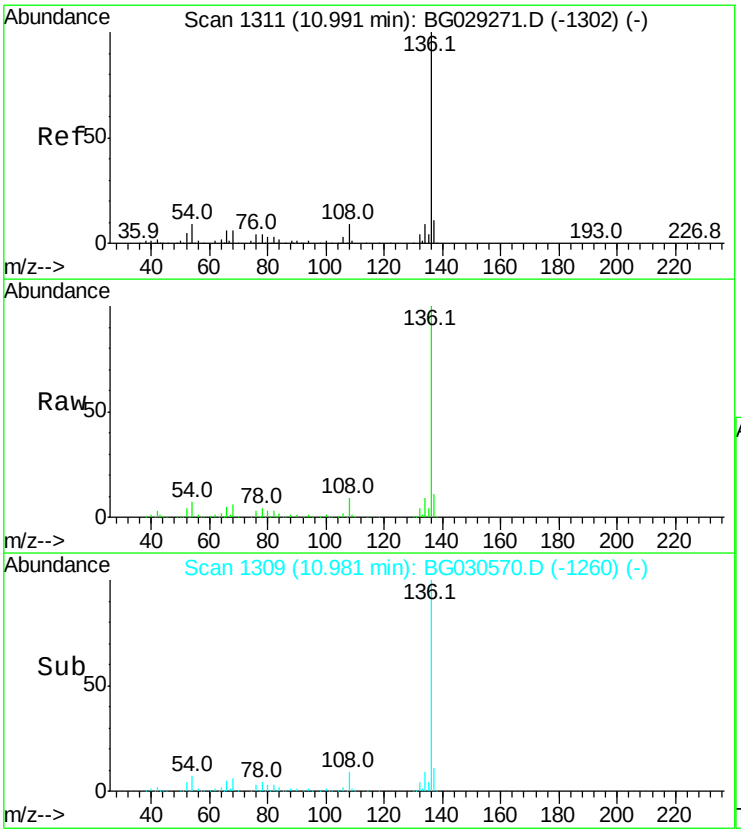
#7
Phenol-d6
Concen: 115.668 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 673138

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.1	21.1
71	33.3	26.1	39.1

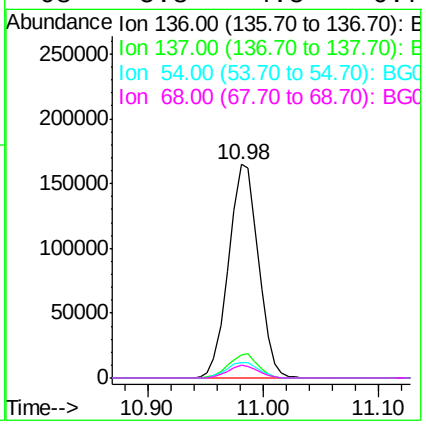


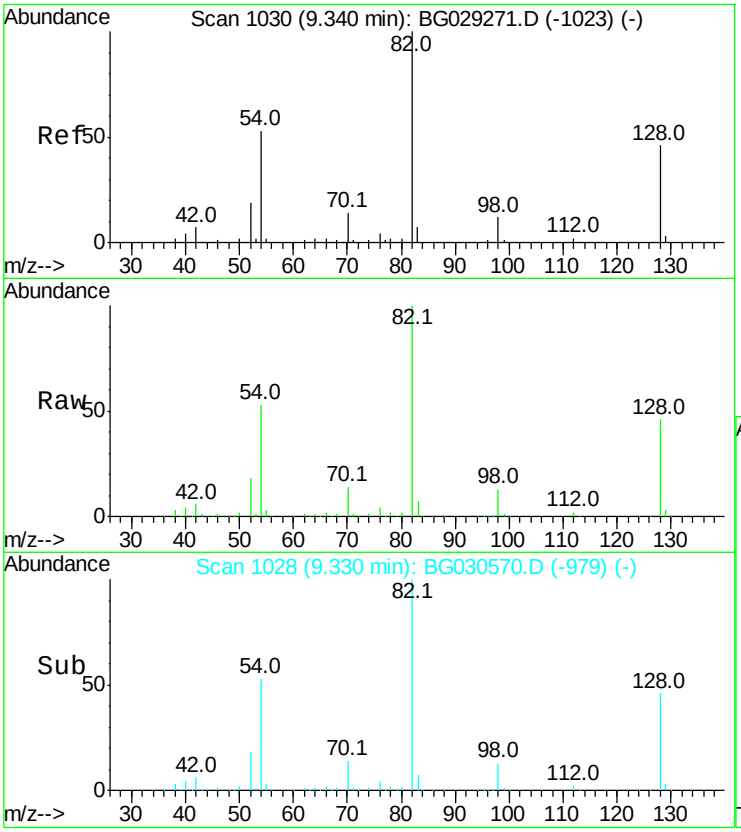


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:136 Resp: 295066

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	10.3	15.5#
68	5.8	4.5	6.7



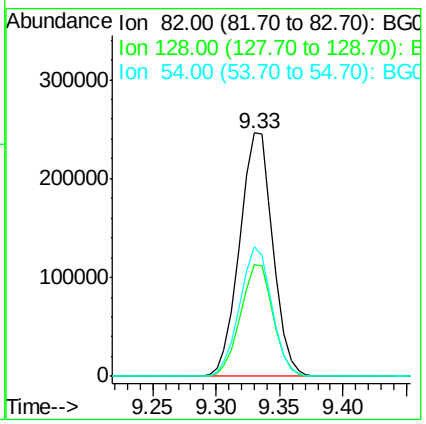


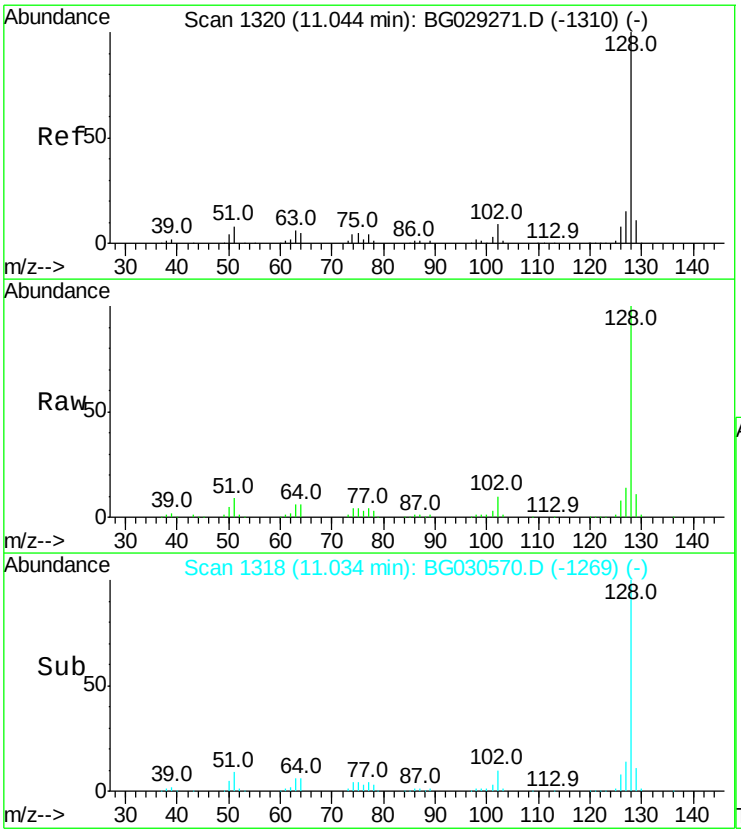
#23
Nitrobenzene-d5
Concen: 96.496 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 448057

Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	53.1	43.1	64.7

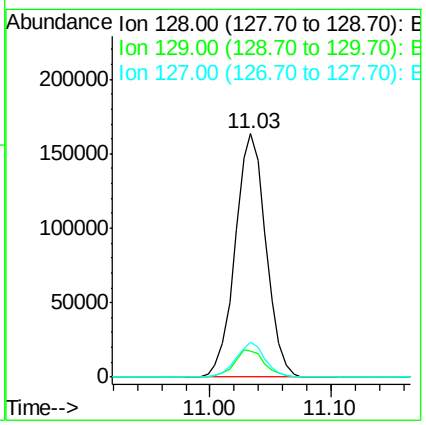


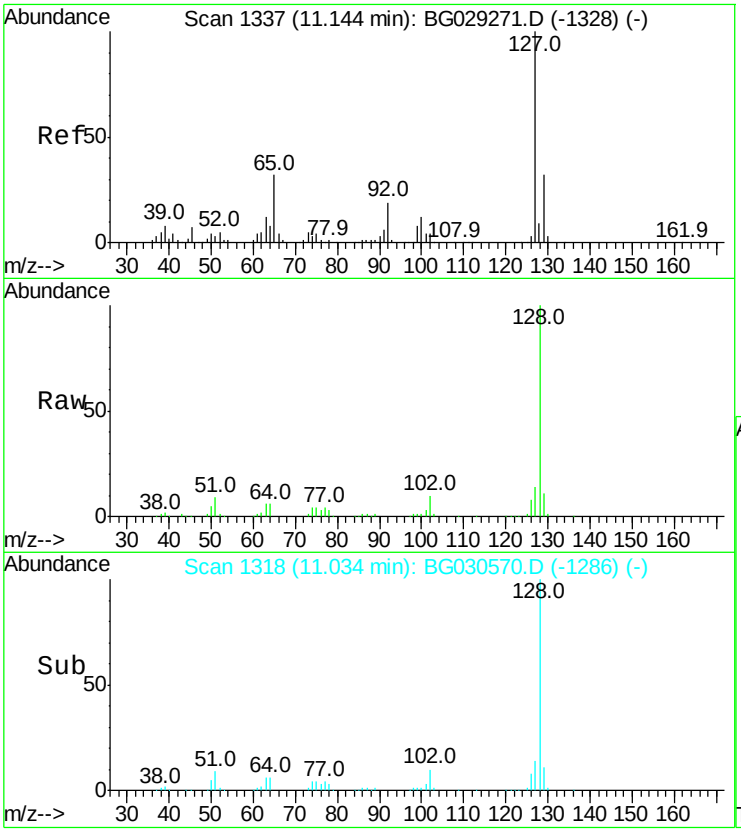


#31
Naphthalene
Concen: 19.678 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:128 Resp: 289376

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	14.2	11.6	17.4



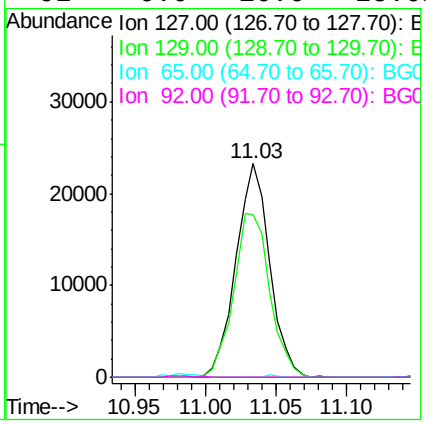


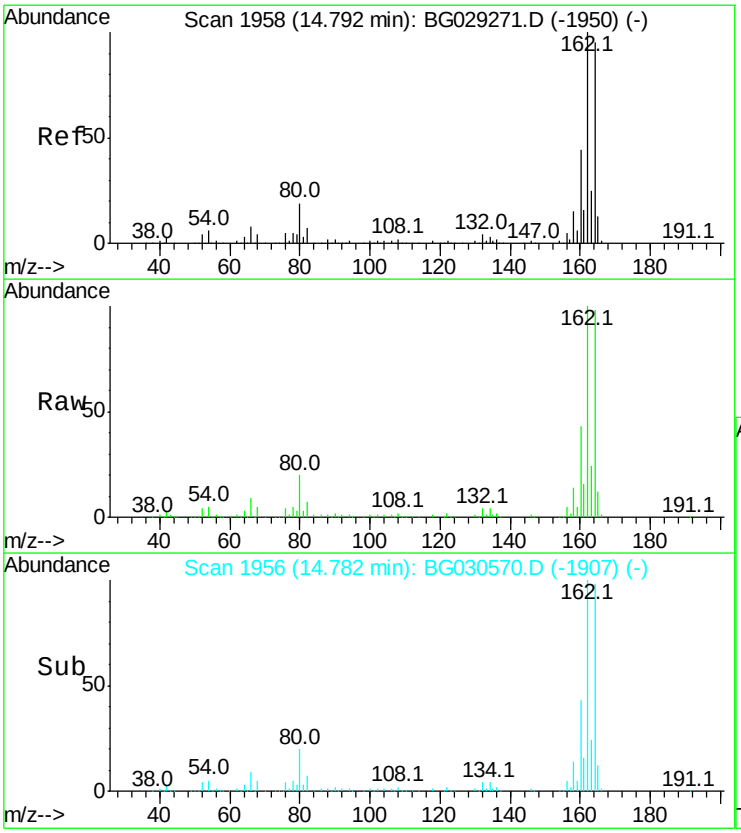
#33
4-Chloroaniline
Concen: 6.263 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.11 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 38744

Ion	Ratio	Lower	Upper
127	100		
129	76.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

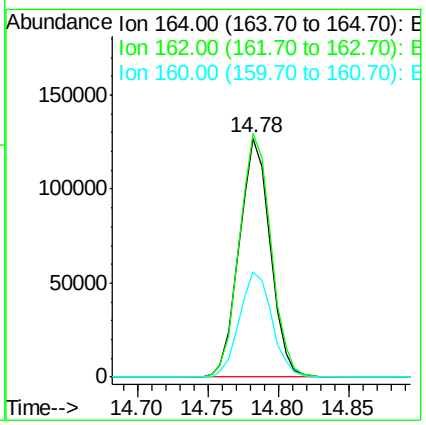


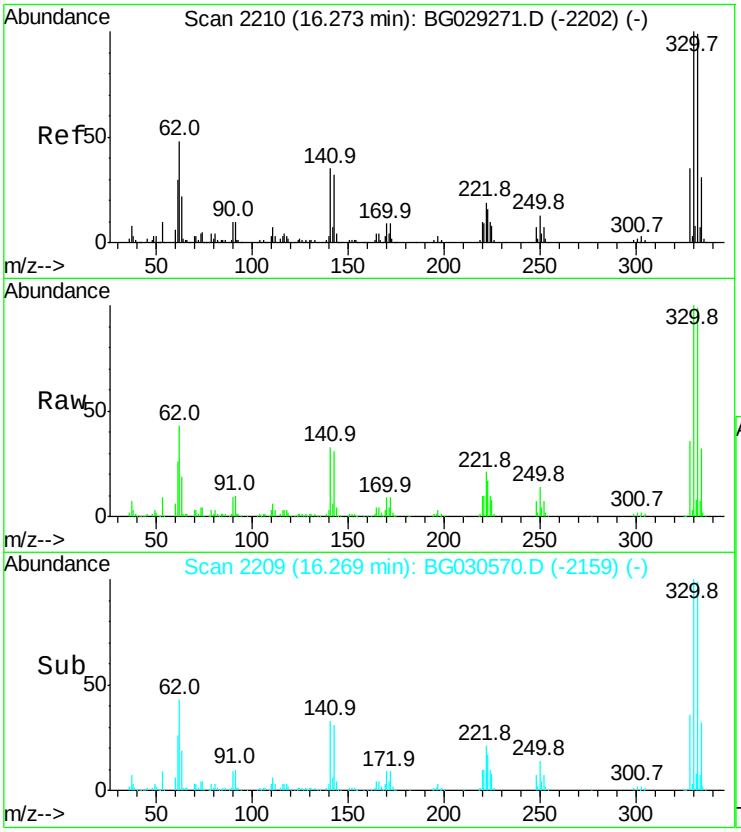


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:164 Resp: 195929

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	44.1	35.4	53.0



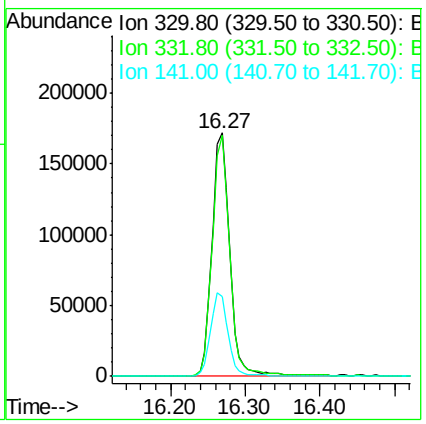


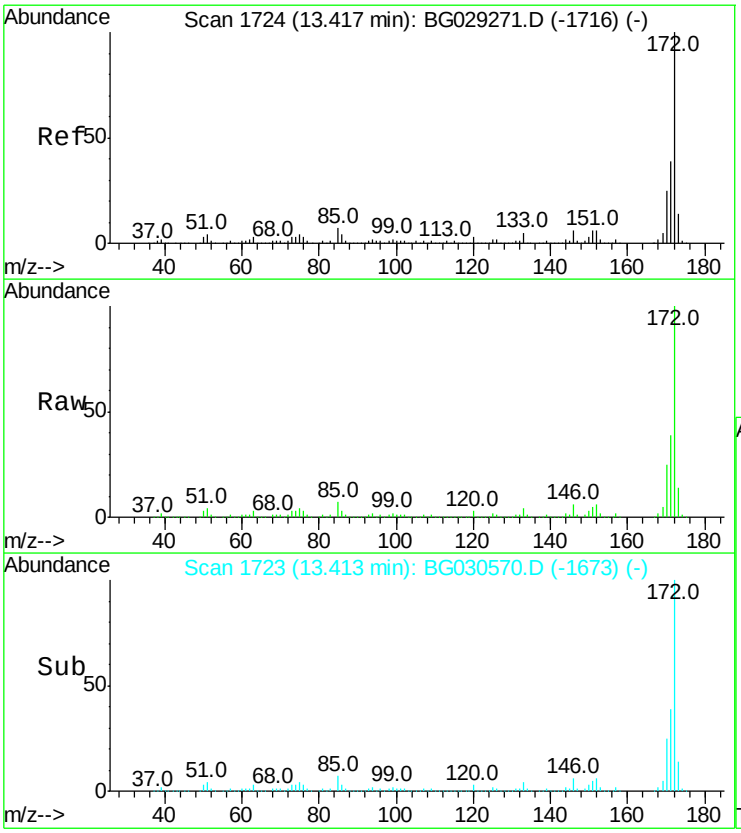
#41
2,4,6-Tribromophenol
Concen: 113.086 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 286067

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.7	25.2	37.8

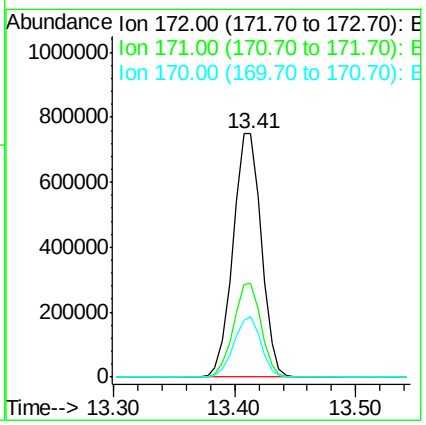


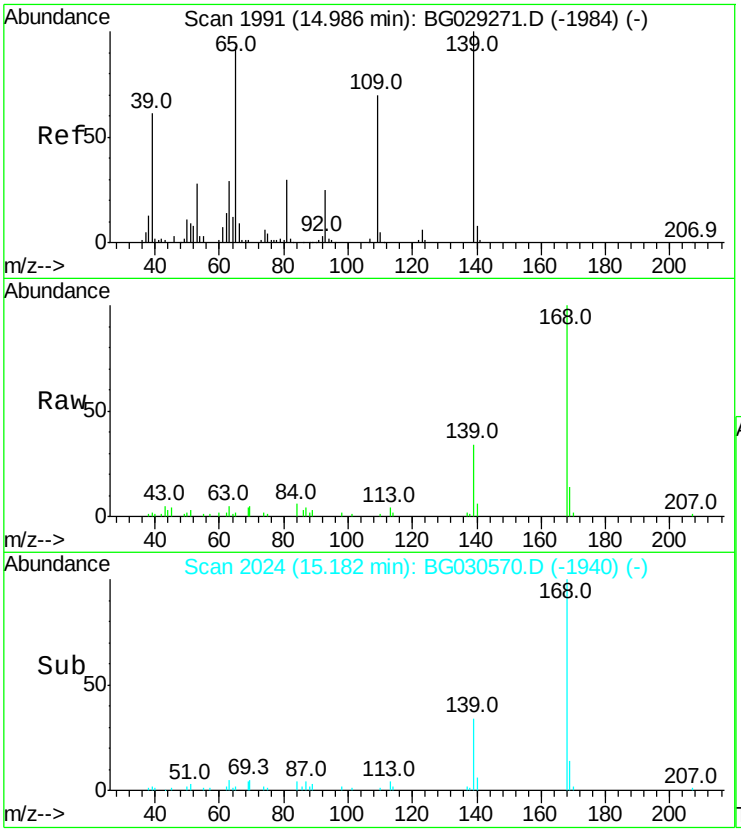


#44
2-Fluorobiphenyl
Concen: 91.806 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:172 Resp: 1226427

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.0	19.5	29.3



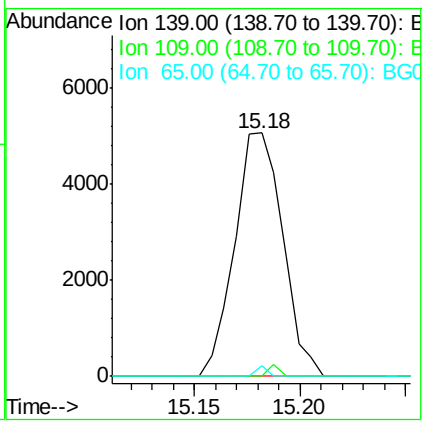


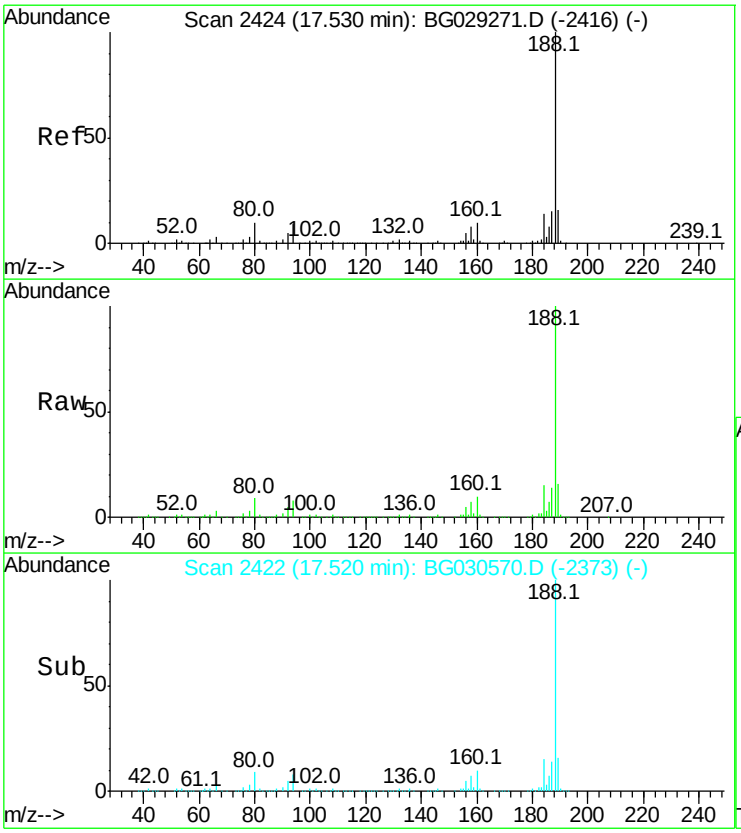
#55
4-Nitrophenol
Concen: 2.797 ng
RT: 15.18 min Scan# 2024
Delta R.T. 0.20 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 7975

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	4.6	97.2	137.2#

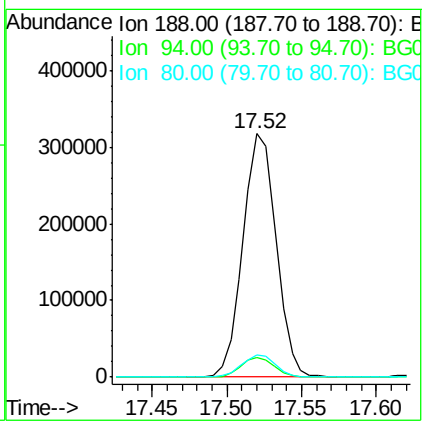


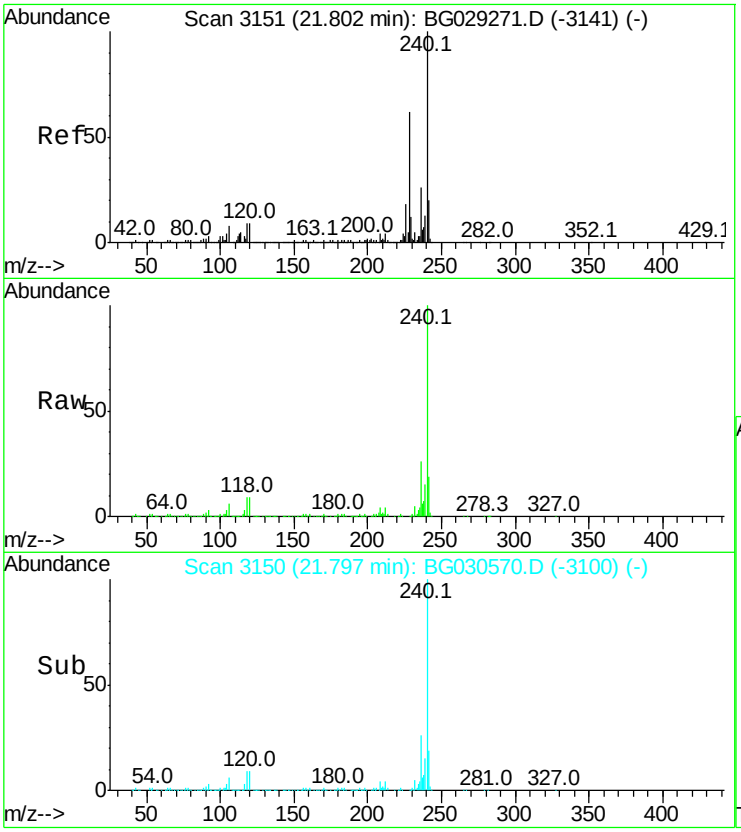


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:188 Resp: 488911

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	7.7	11.5



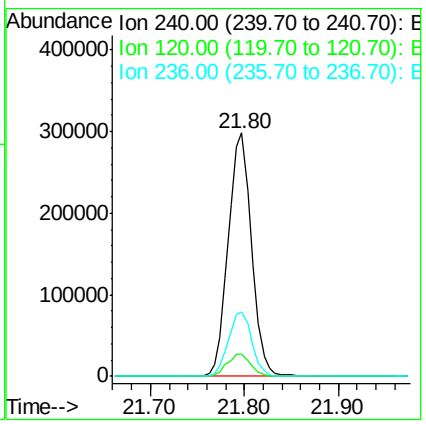


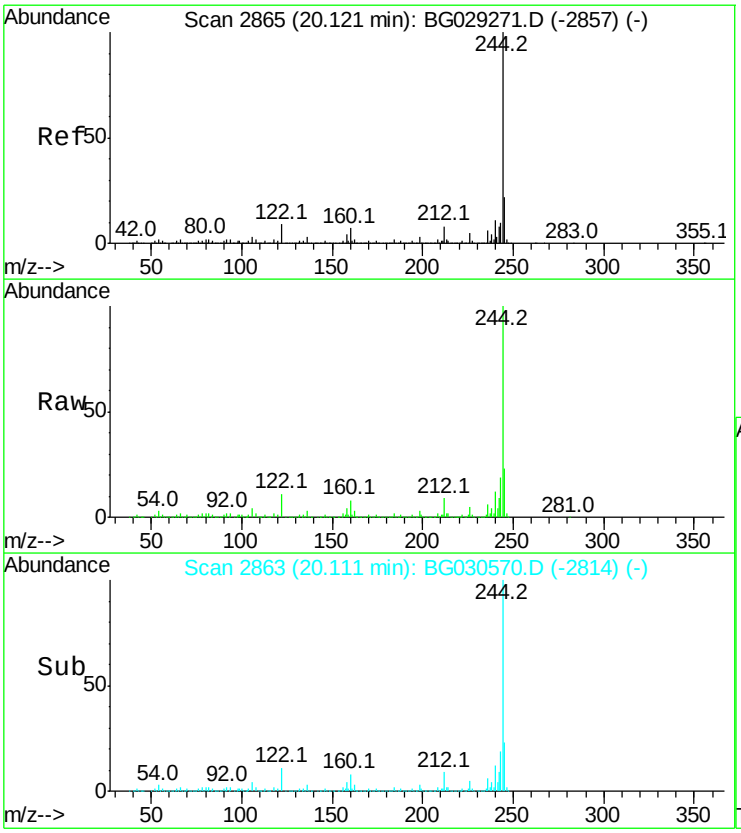
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 511999

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	26.5	20.9	31.3

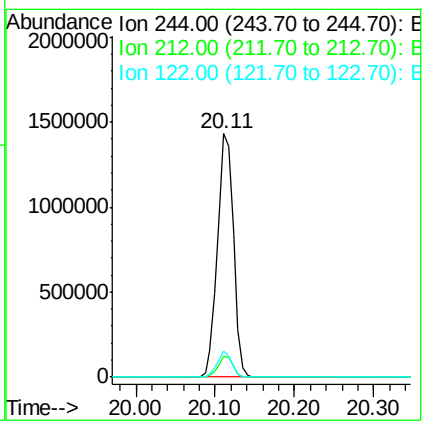


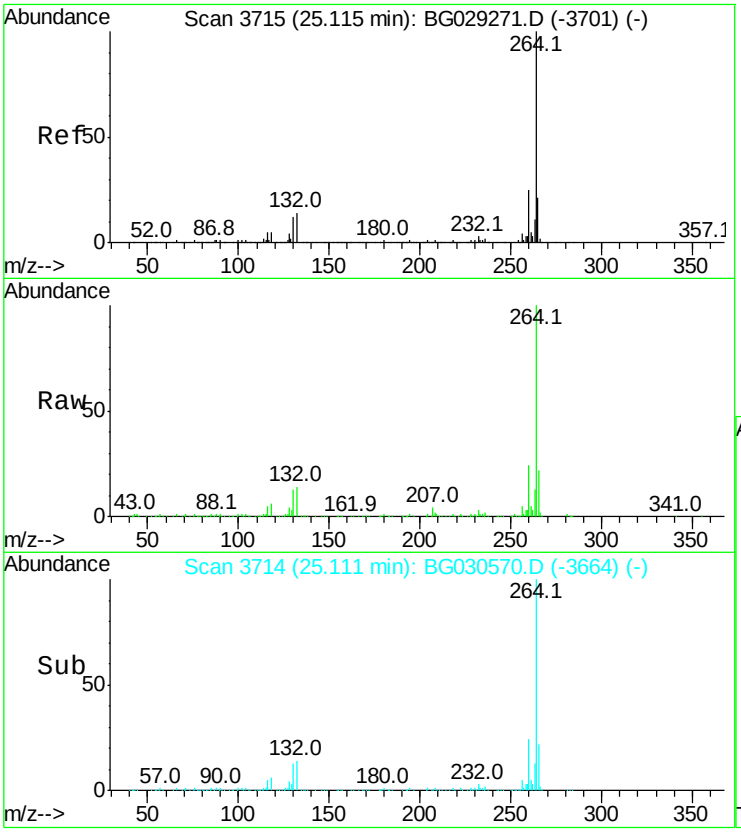


#78
Terphenyl-d14
Concen: 89.087 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Tgt Ion:244 Resp: 2005001

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	10.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG030570.D
Acq: 29 Oct 2017 20:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 508846

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.9	17.7	26.5