Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
Data File : BG030636.D
Acq On : 1 Nov 2017 15:33
Operator : SJ/JU
Sample : I6182-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 17:37:43 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	8.16	152	69192	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	309815	20.00	ng		-0.02
38) Acenaphthene-d10	14.78	164	213293	20.00	ng		-0.02
63) Phenanthrene-d10	17.51	188	504024	20.00	ng		-0.02
75) Chrysene-d12	21.78	240	548116	20.00	ng		-0.02
86) Perylene-d12	25.09	264	441755	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	563124	135.96	ng		0.00
7) Phenol-d6	7.32	99	683308	117.53	ng		0.00
23) Nitrobenzene-d5	9.32	82	490126	100.53	ng		-0.02
41) 2,4,6-Tribromophenol	16.26	330	425758	154.61	ng		-0.01
44) 2-Fluorobiphenyl	13.40	172	1351820	92.95	ng		-0.02
78) Terphenyl-d14	20.10	244	2154130	89.41	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	11.02	128	193690	12.544	ng		97
33) 4-Chloroaniline	11.03	127	26004	4.004	ng	#	40
37) 2-Methylnaphthalene	12.62	142	28028	2.491	ng		94
55) 4-Nitrophenol	15.17	139	11352	3.658	ng	#	1

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

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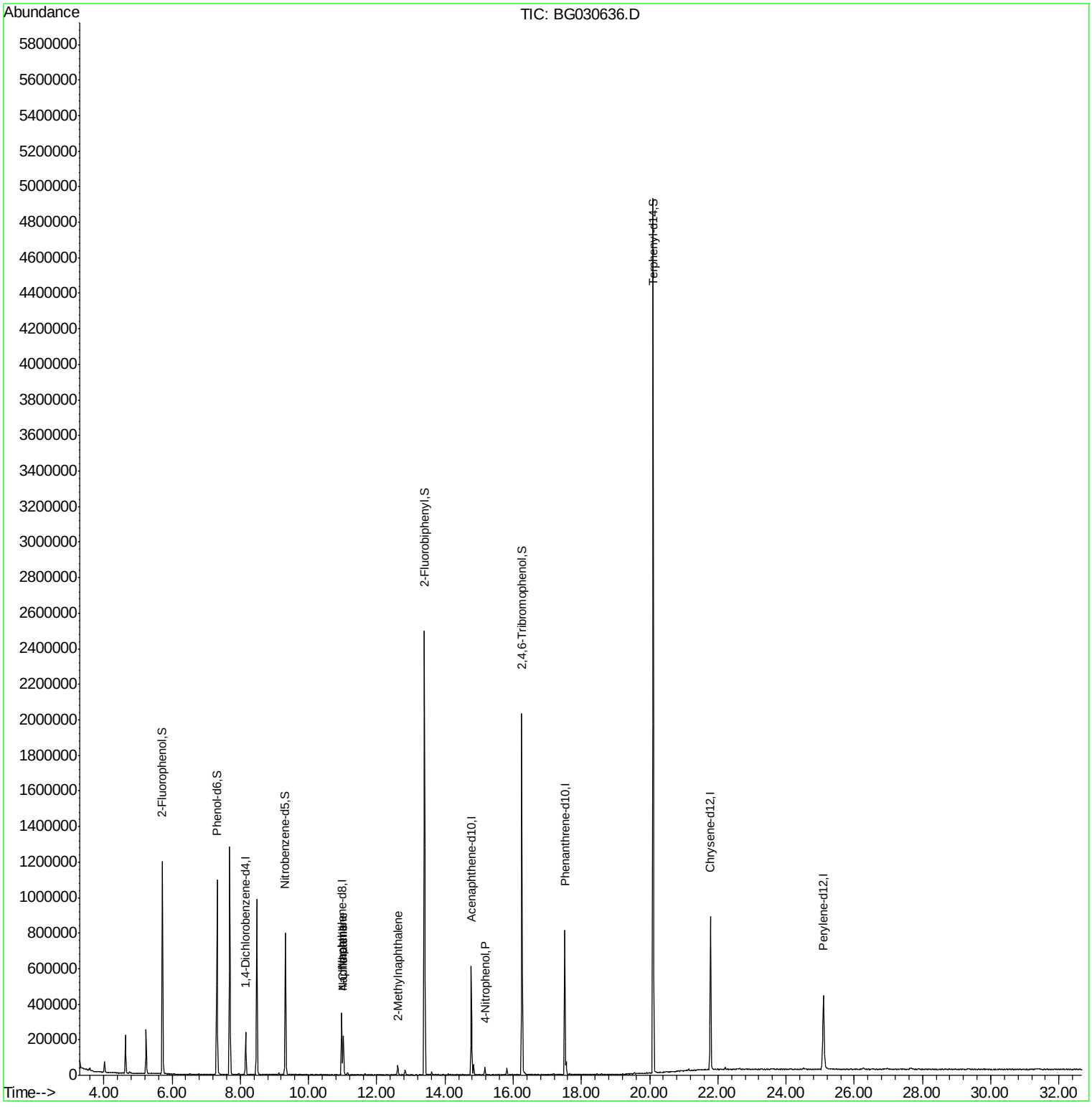
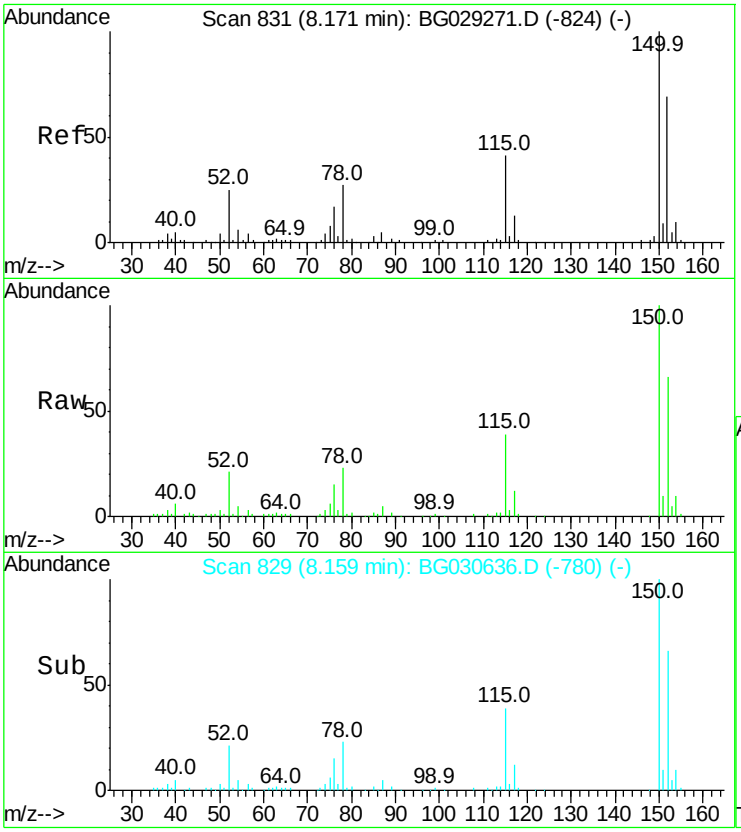


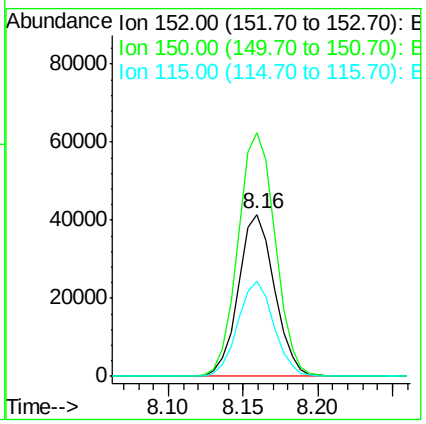


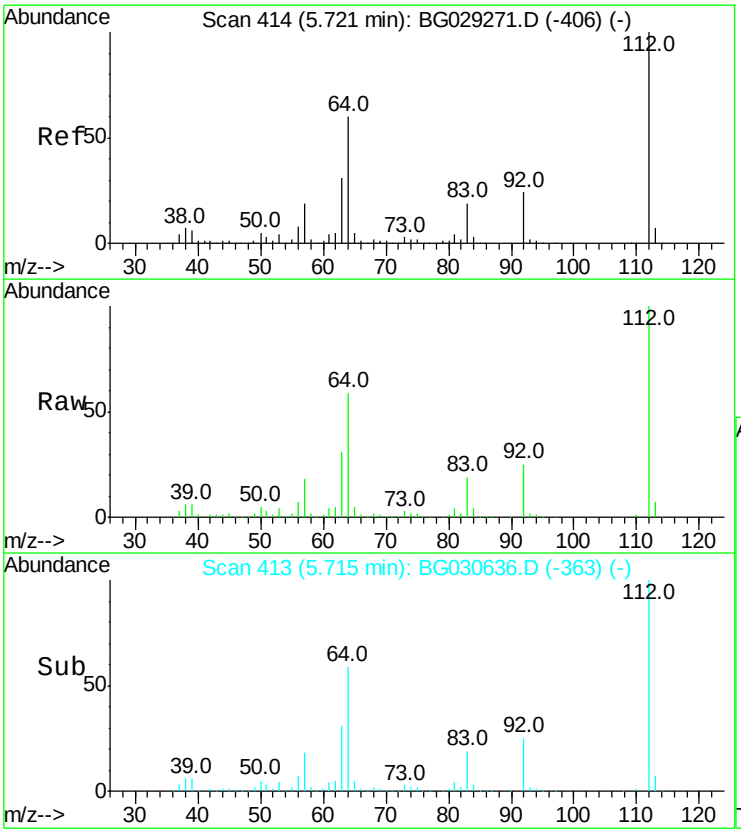
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 69192

Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	58.4	53.0	79.4

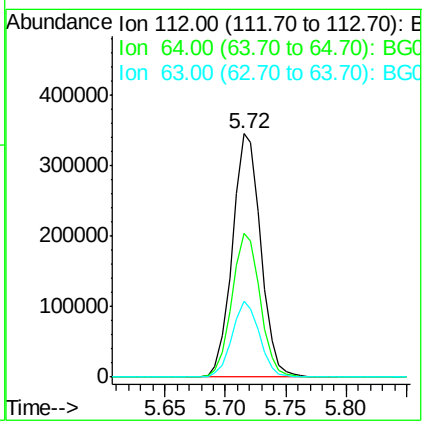


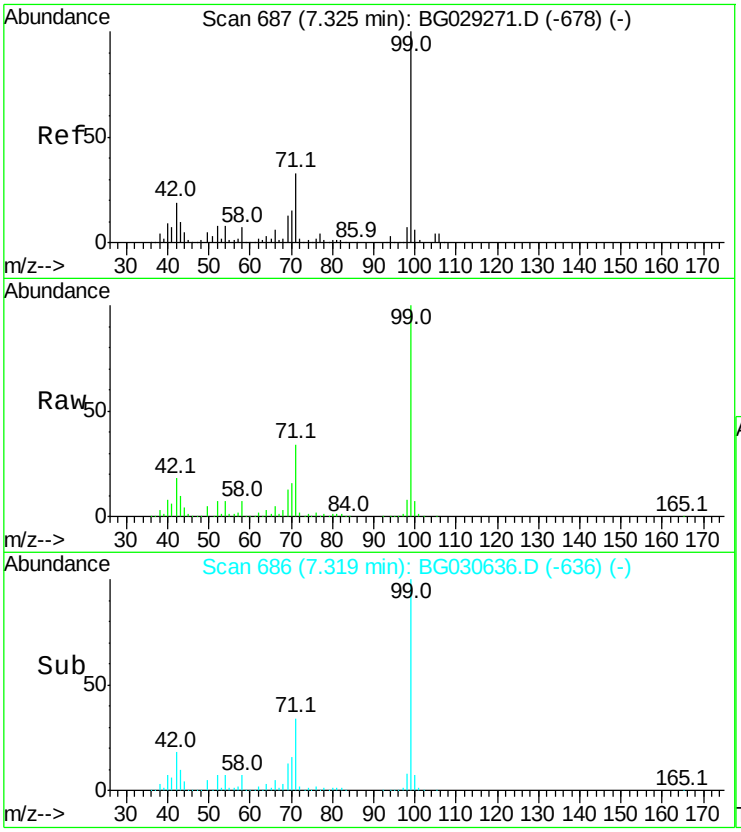


#5
2-Fluorophenol
Concen: 135.959 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:112 Resp: 563124

Ion	Ratio	Lower	Upper
112	100		
64	59.2	56.3	84.5
63	31.0	30.1	45.1



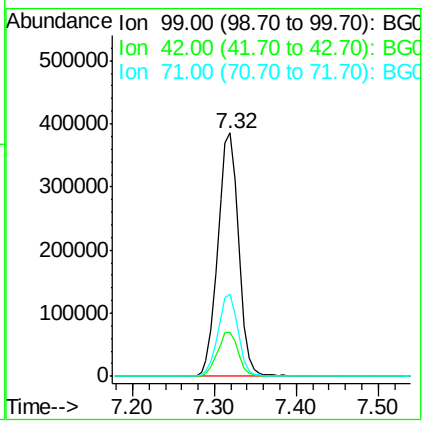


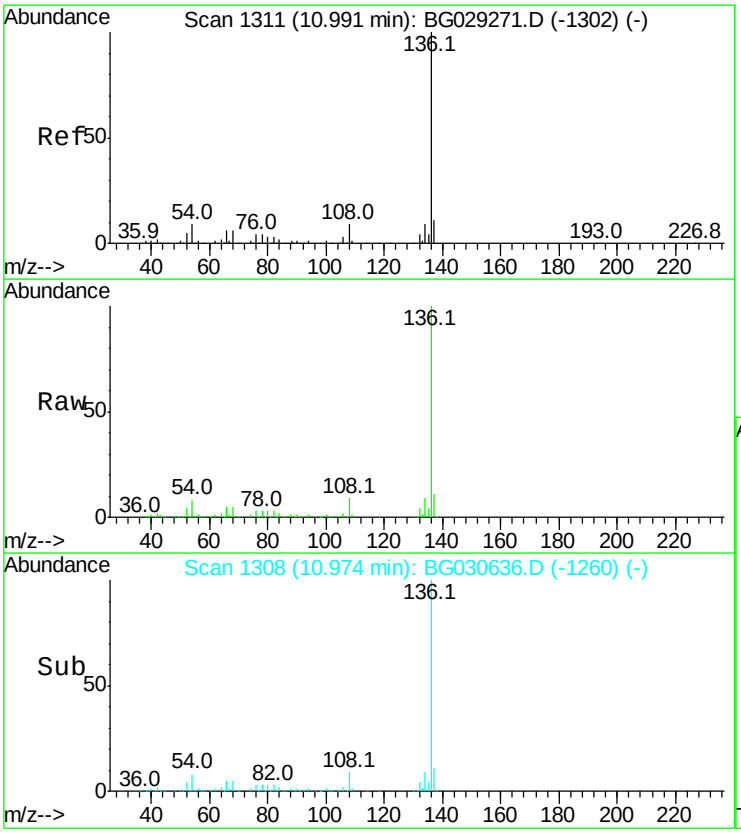
#7
Phenol-d6
Concen: 117.533 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 683308

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	33.6	26.1	39.1

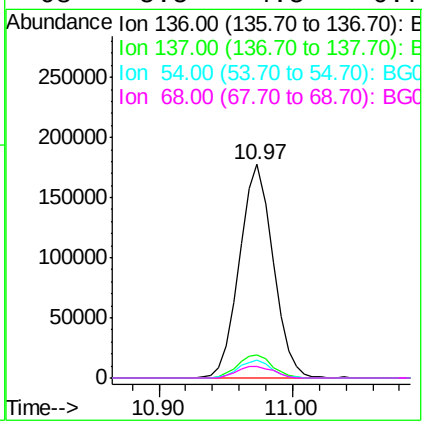


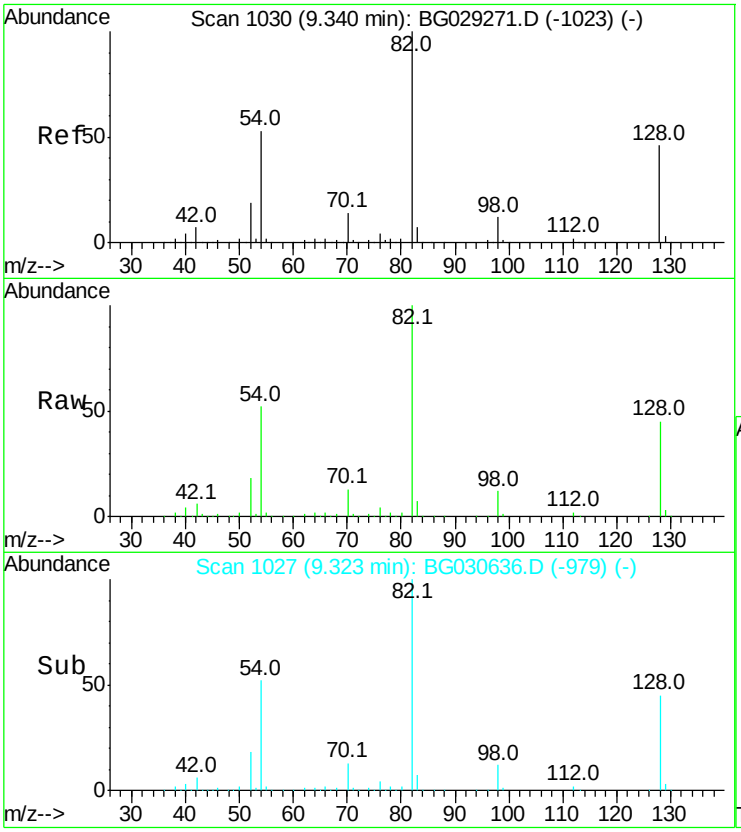


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:136 Resp: 309815

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.3	10.3	15.5#
68	5.5	4.5	6.7



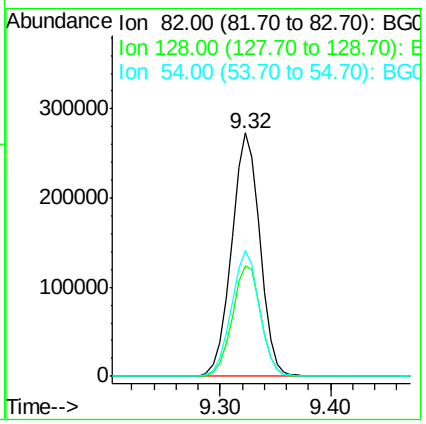


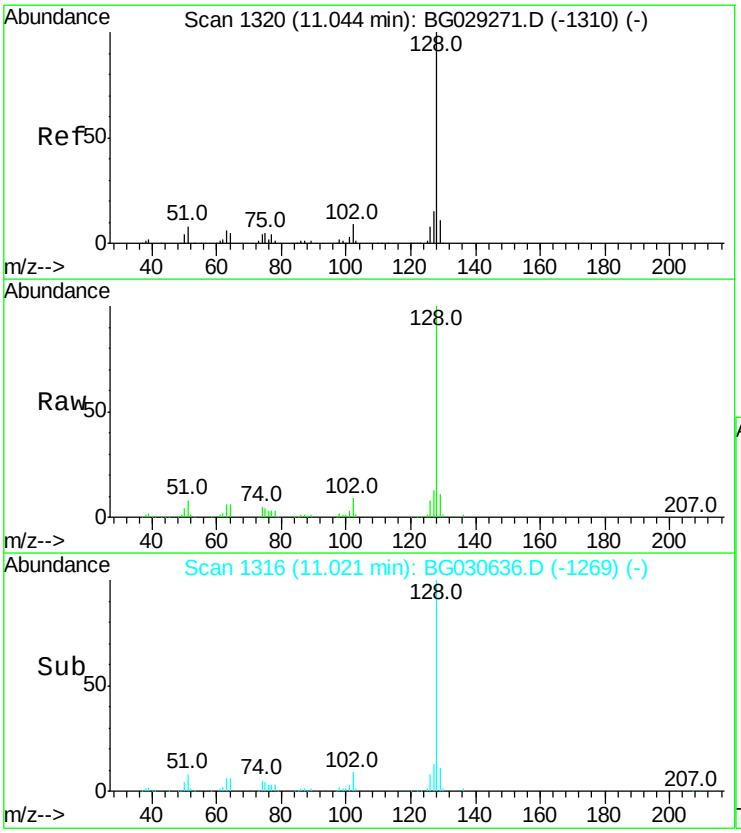
#23
Nitrobenzene-d5
Concen: 100.531 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 490126

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	51.9	43.1	64.7

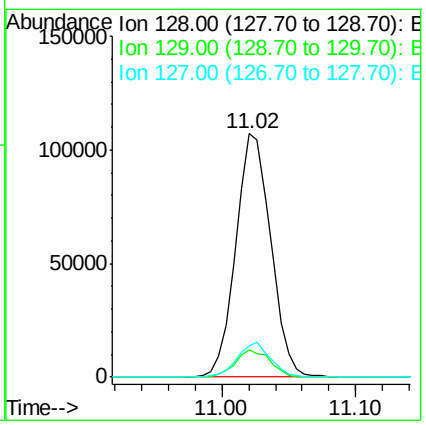


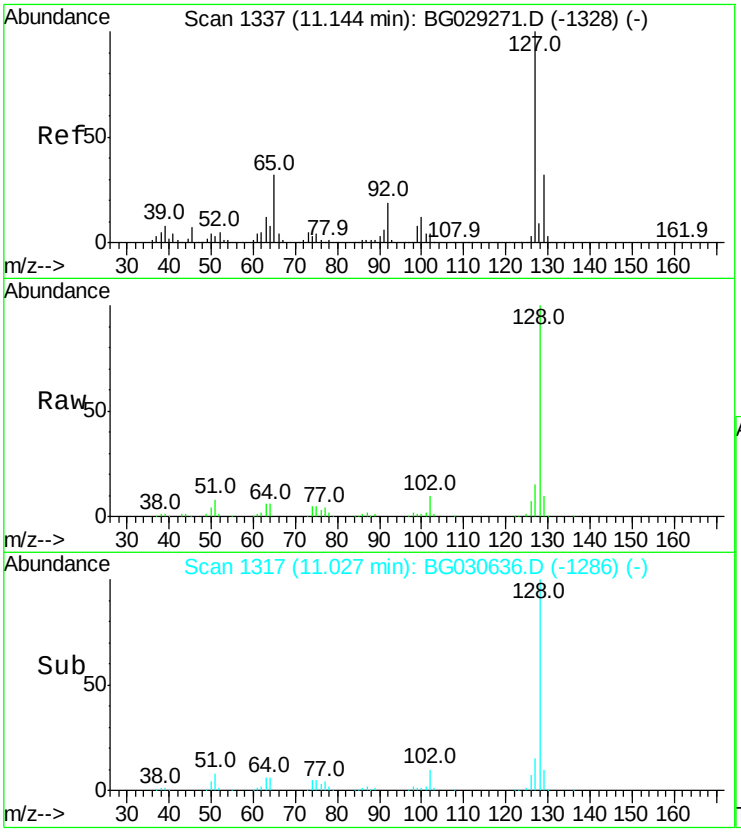


#31
Naphthalene
Concen: 12.544 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:128 Resp: 193690

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	12.9	11.6	17.4



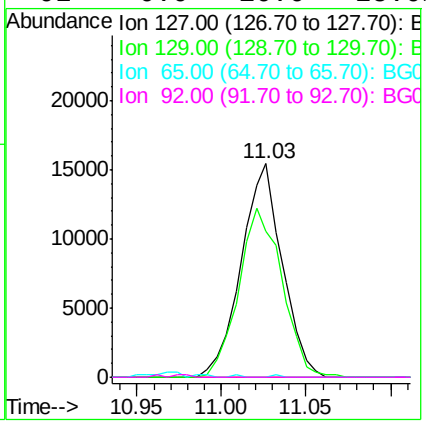


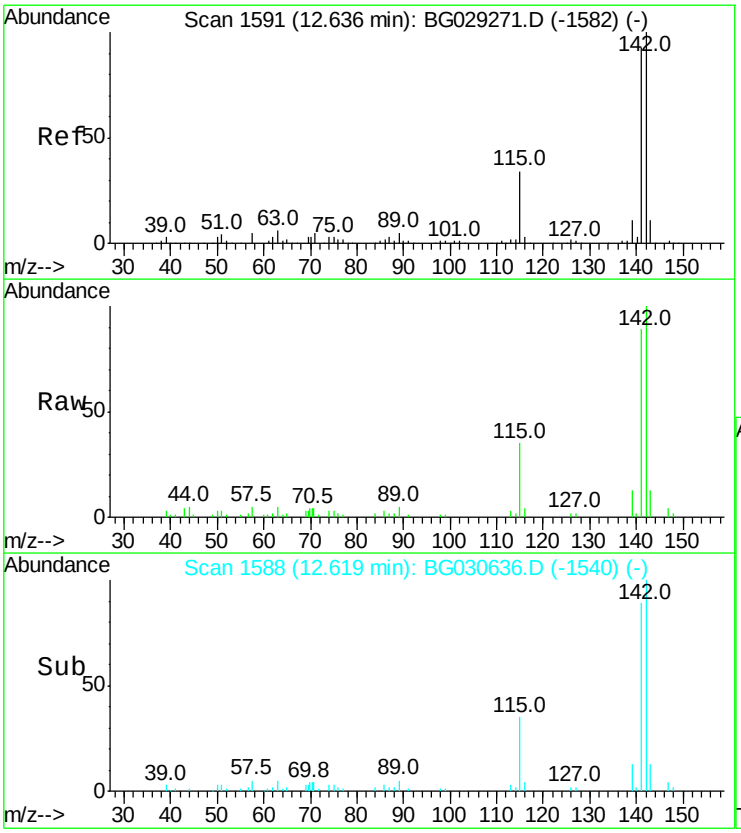
#33
4-Chloroaniline
Concen: 4.004 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.12 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 26004

Ion	Ratio	Lower	Upper
127	100		
129	68.3	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

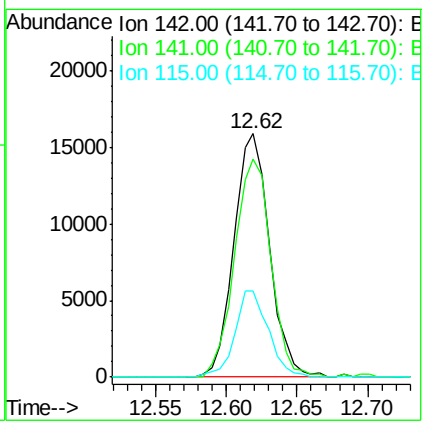


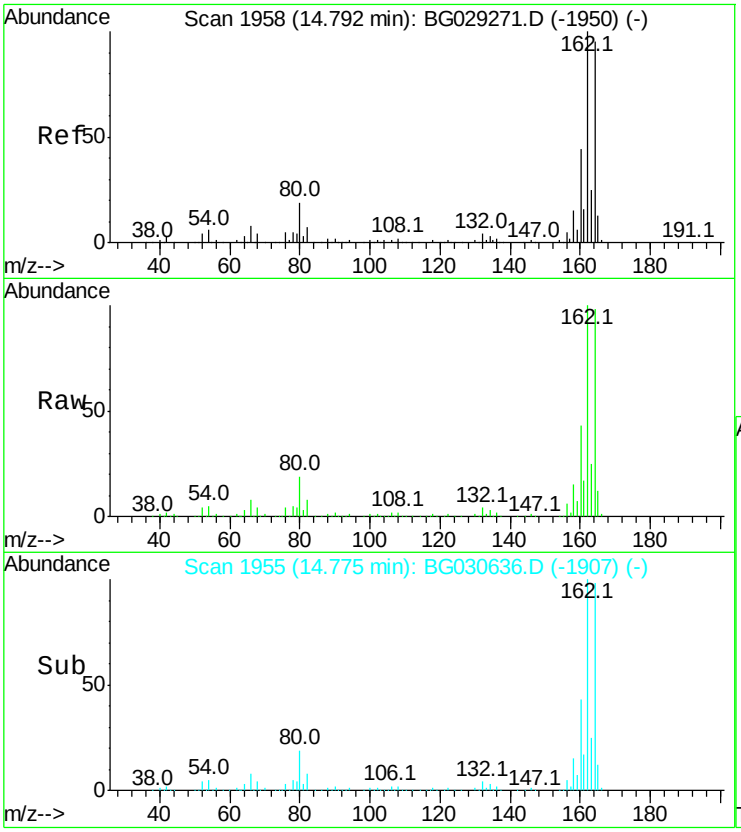


#37
2-Methylnaphthalene
Concen: 2.491 ng
RT: 12.62 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:142 Resp: 28028

Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	35.4	30.7	46.1



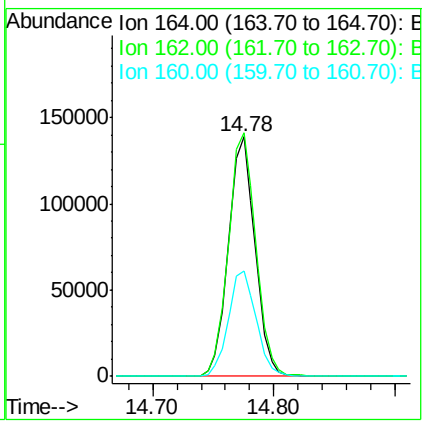


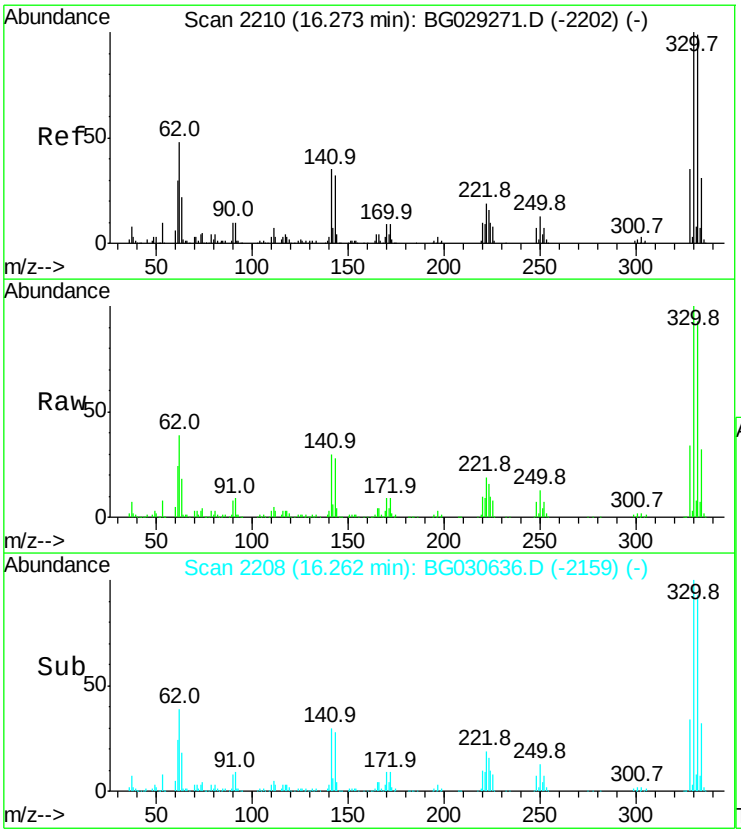
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 213293

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	43.9	35.4	53.0

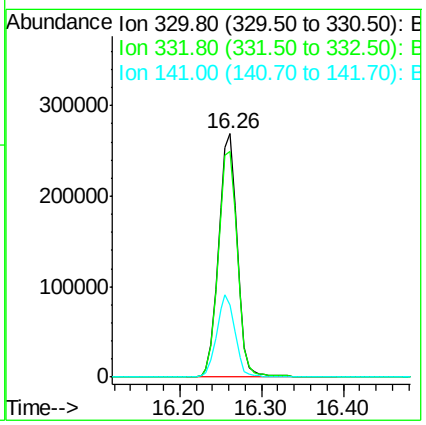


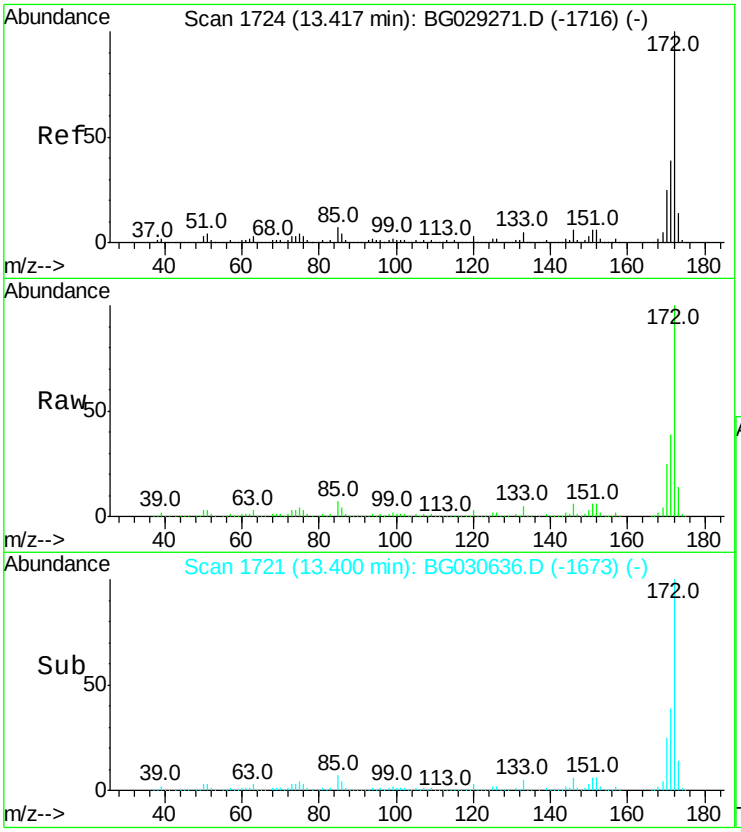


#41
2,4,6-Tribromophenol
Concen: 154.606 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:330 Resp: 425758

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.3	25.2	37.8



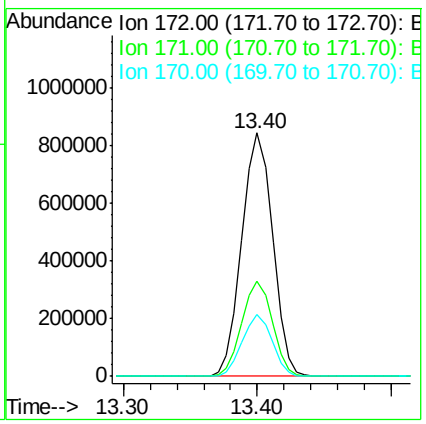


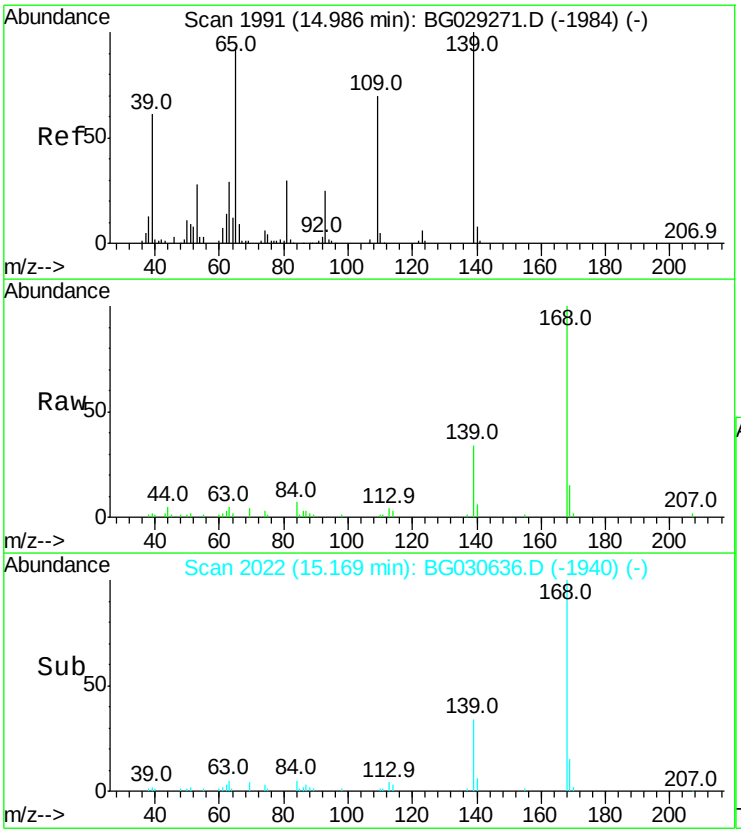
#44
2-Fluorobiphenyl
Concen: 92.954 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1351820

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.4	19.5	29.3

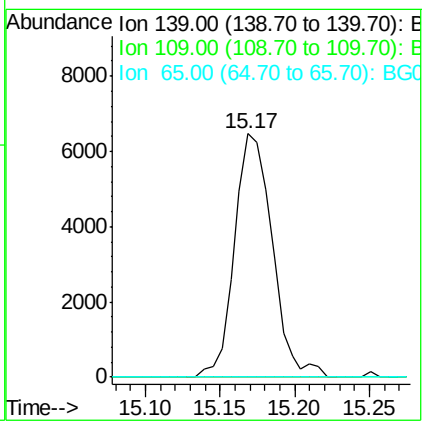


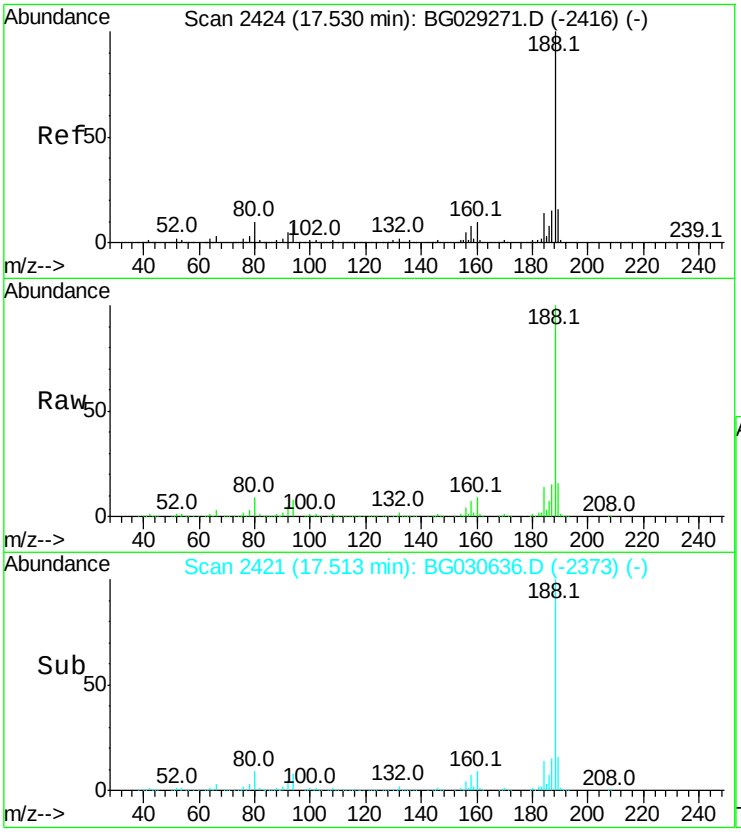


#55
4-Nitrophenol
Concen: 3.658 ng
RT: 15.17 min Scan# 2022
Delta R.T. 0.18 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:139 Resp: 11352

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



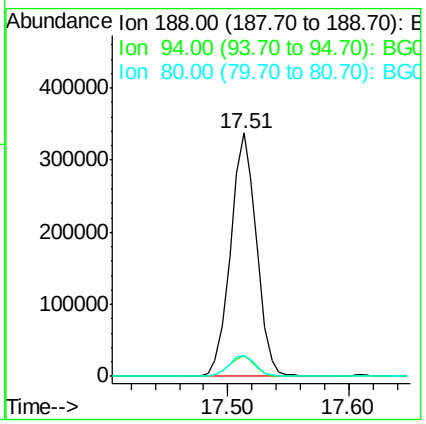


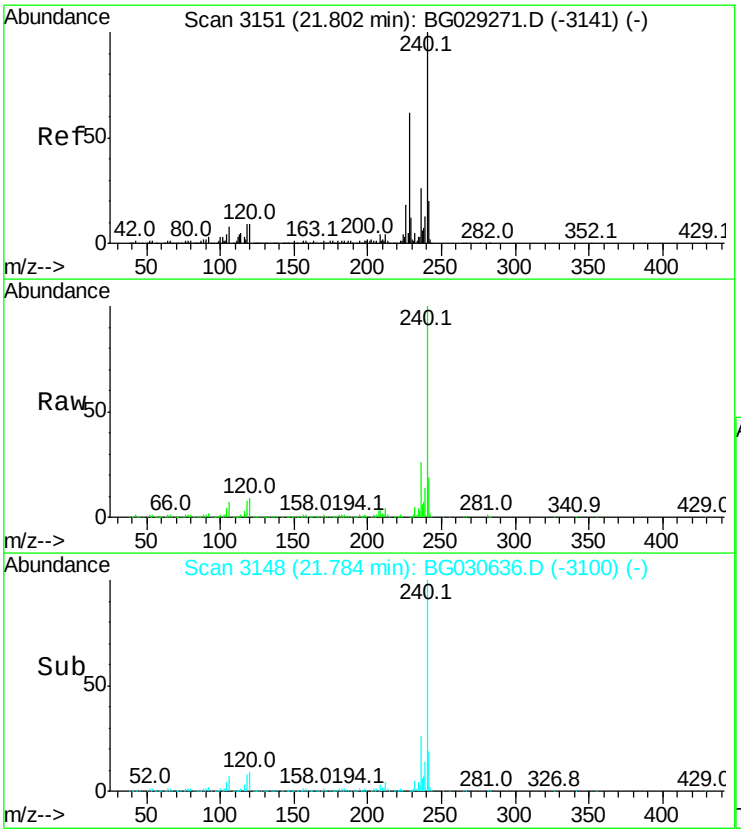
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 504024

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	8.5	7.7	11.5

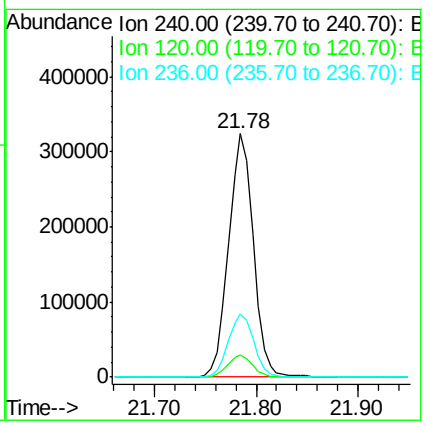


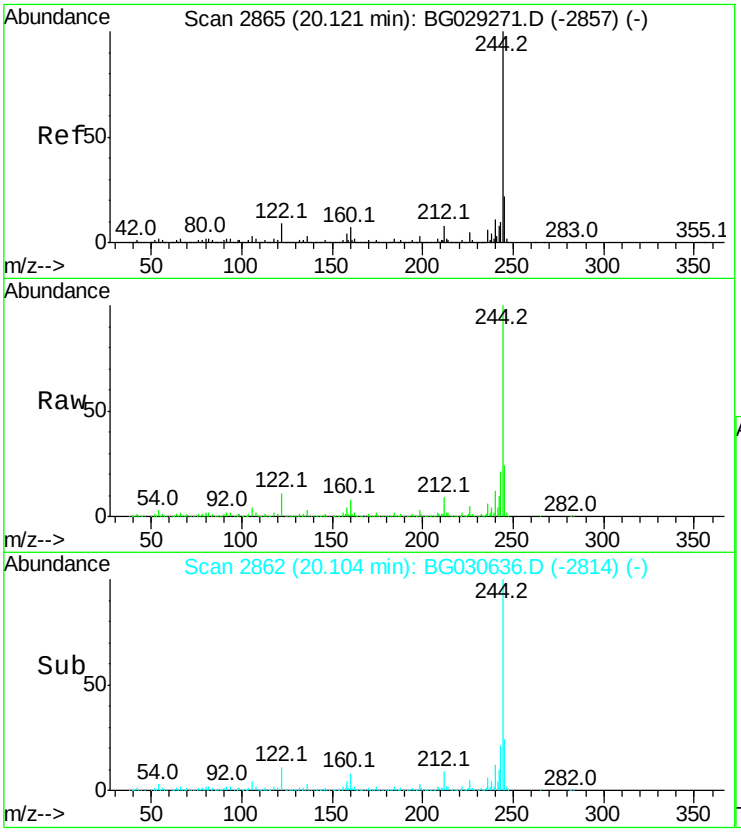


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:240 Resp: 548116

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	25.9	20.9	31.3



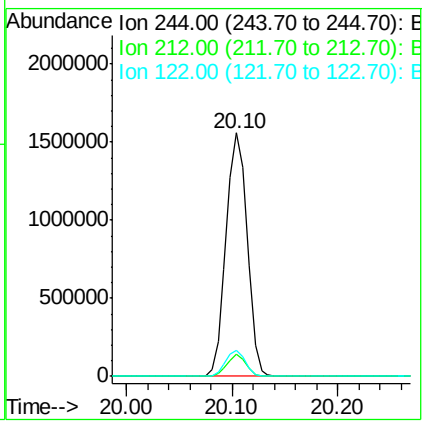


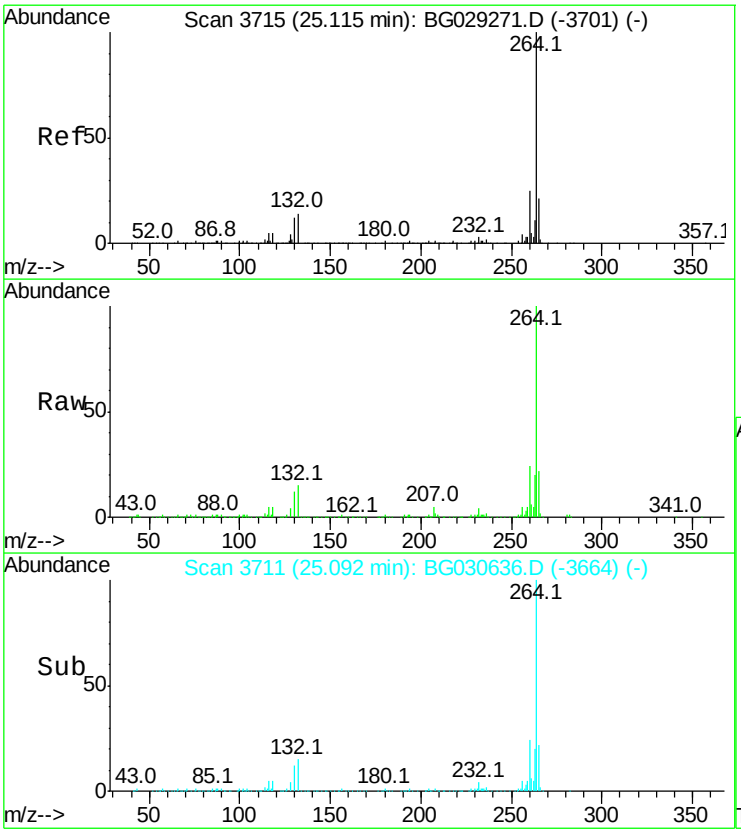
#78
Terphenyl-d14
Concen: 89.406 ng
RT: 20.10 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2154130

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	10.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG030636.D
Acq: 1 Nov 2017 15:33

Tgt Ion:264 Resp: 441755

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5