Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
Data File : BG031031.D
Acq On : 16 Nov 2017 3:10
Operator : SJ/JU
Sample : I6476-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 16 07:47:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32612	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	127741	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	85651	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	260385	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	384393	20.00	ng		-0.02
86) Perylene-d12	25.07	264	378515	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	205008	107.79	ng		0.00
7) Phenol-d6	7.31	99	227776	88.90	ng		0.00
23) Nitrobenzene-d5	9.31	82	176815	82.02	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	217447	156.94	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	581444	97.54	ng		-0.02
78) Terphenyl-d14	20.09	244	1390441	79.87	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.01	128	89331	14.23	ng		98
32) Benzoic acid	9.97	122	57	5.70	ng	#	1
33) 4-Chloroaniline	11.01	127	12206	4.44	ng	#	32
55) 4-Nitrophenol	15.17	139	2522	2.18	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
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Acq On : 16 Nov 2017 3:10
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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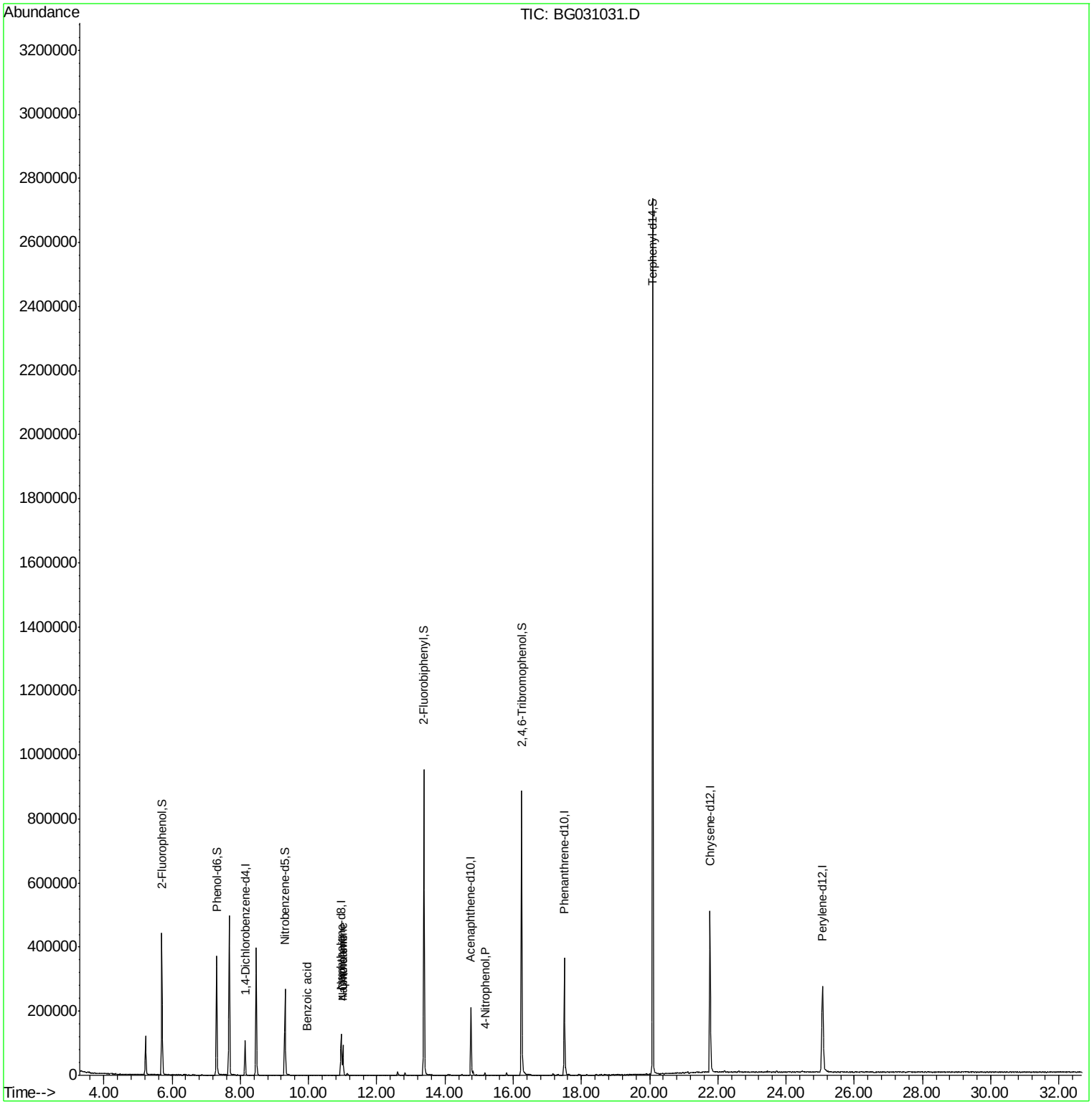
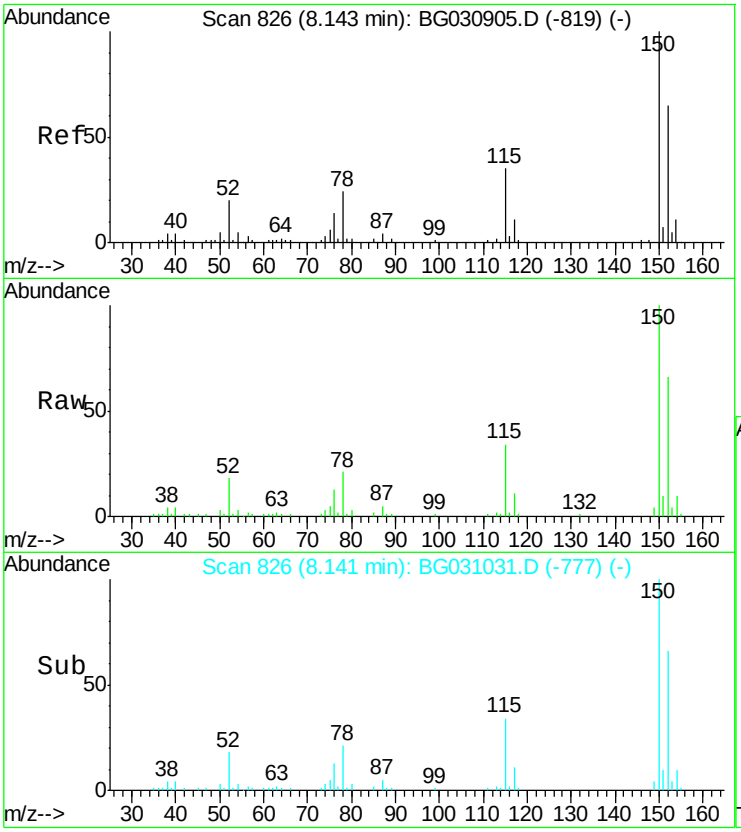


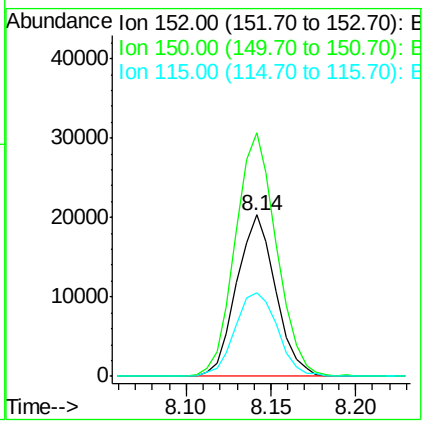


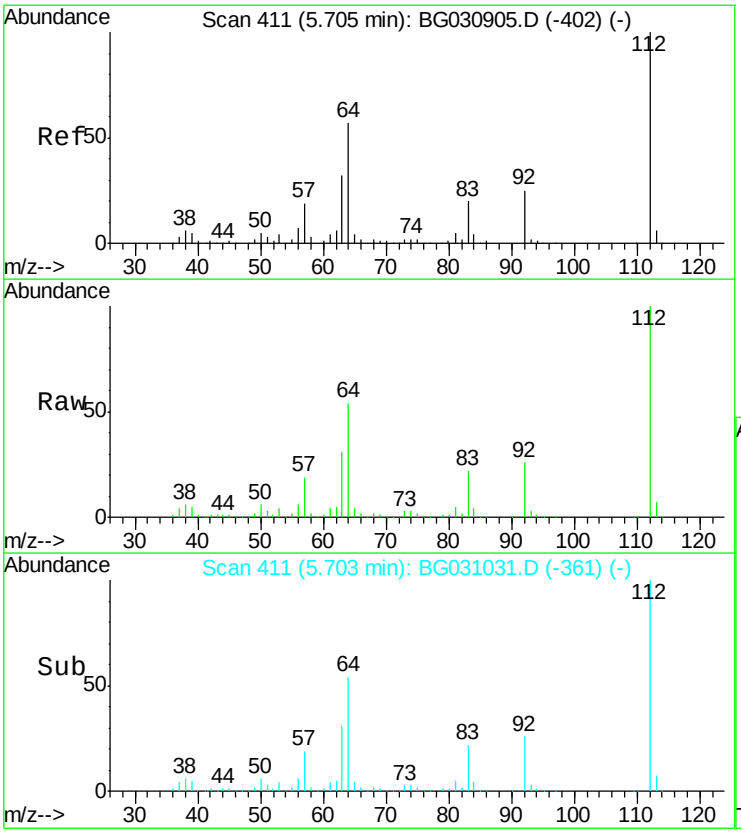
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32612

Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	52.1	53.0	79.4#

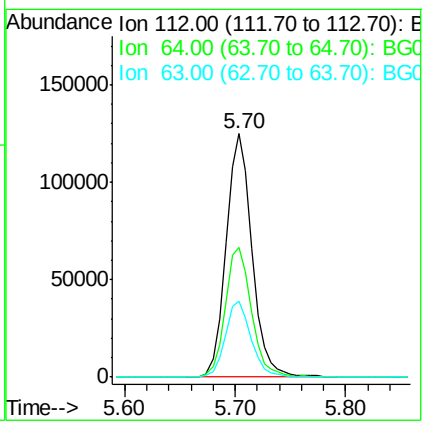


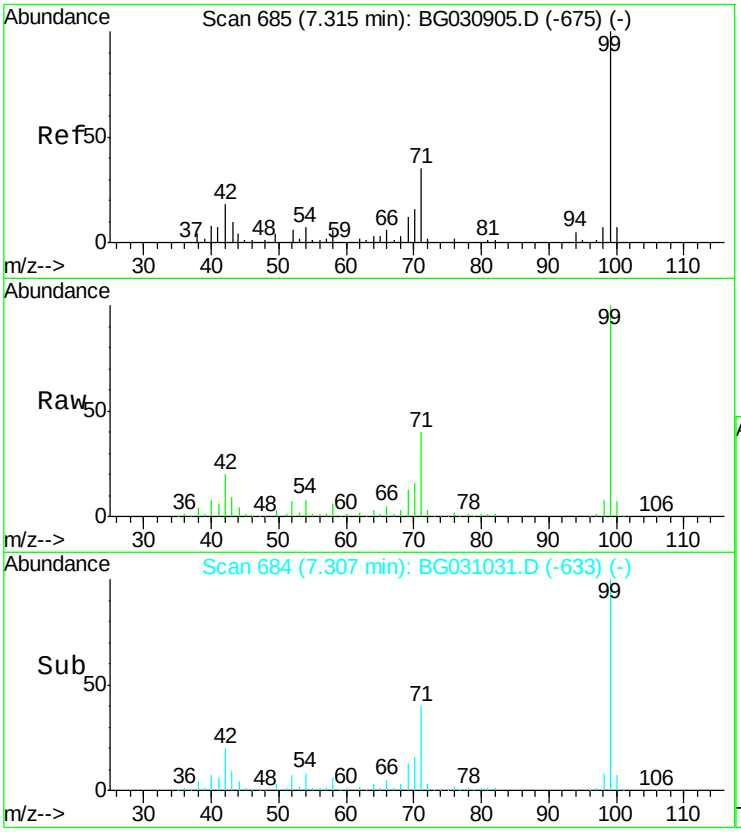


#5
2-Fluorophenol
Concen: 107.79 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:112 Resp: 205008

Ion	Ratio	Lower	Upper
112	100		
64	53.5	56.3	84.5#
63	31.0	30.1	45.1



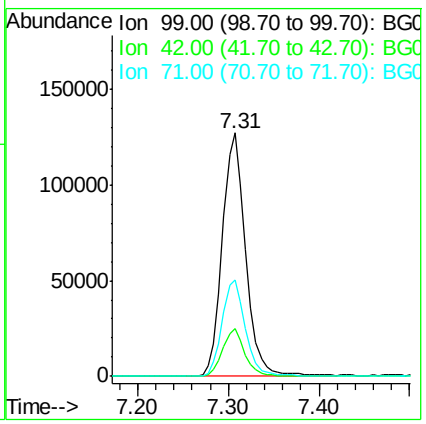


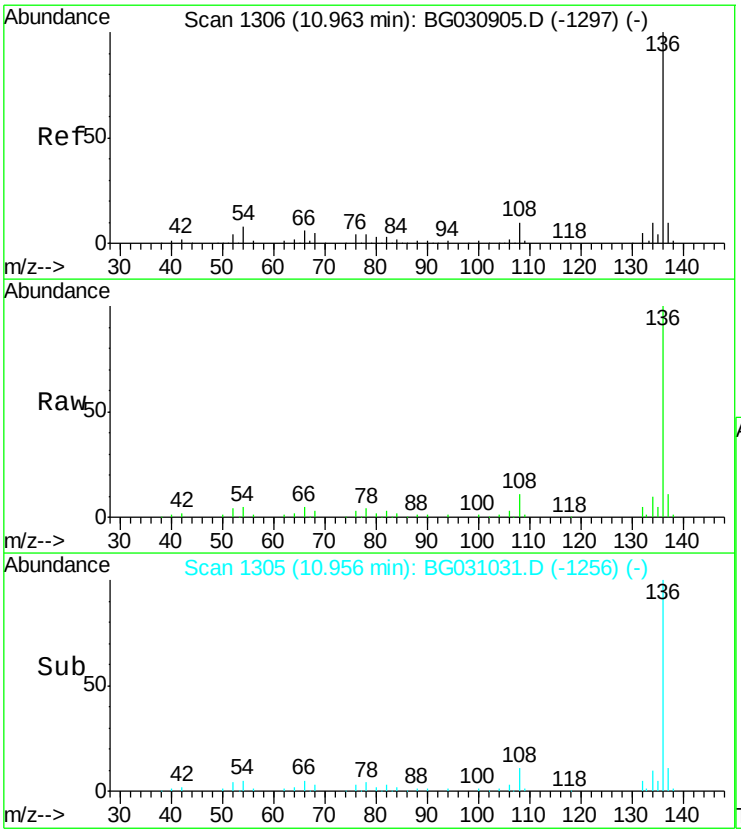
#7
Phenol-d6
Concen: 88.90 ng
RT: 7.31 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 227776

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	39.7	26.1	39.1#

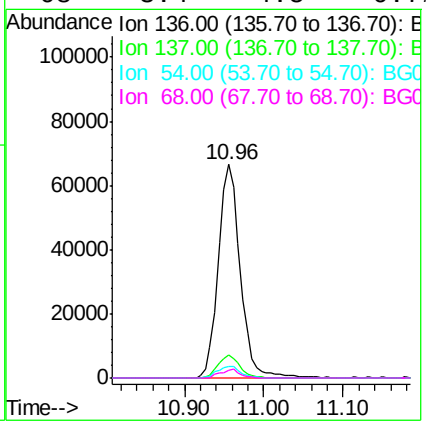


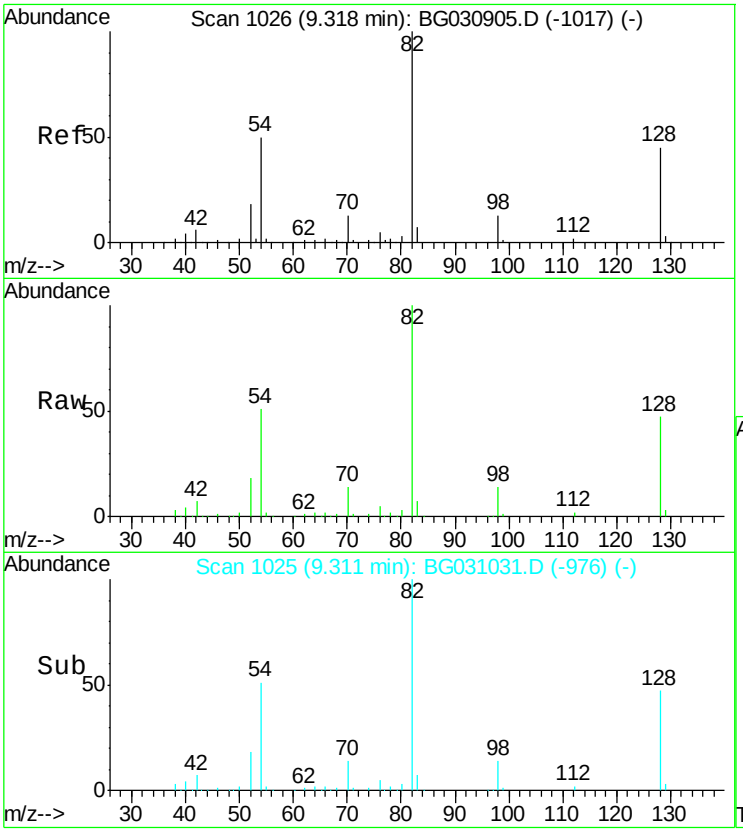


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:136 Resp: 127741

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	5.2	10.3	15.5#
68	3.4	4.5	6.7#



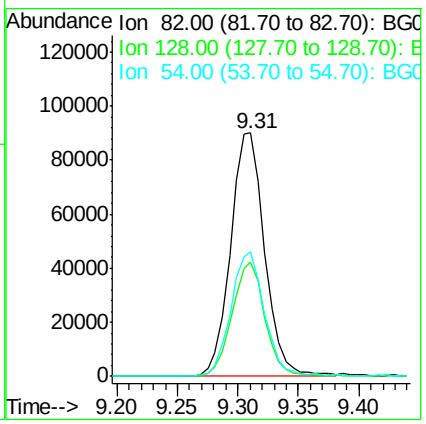


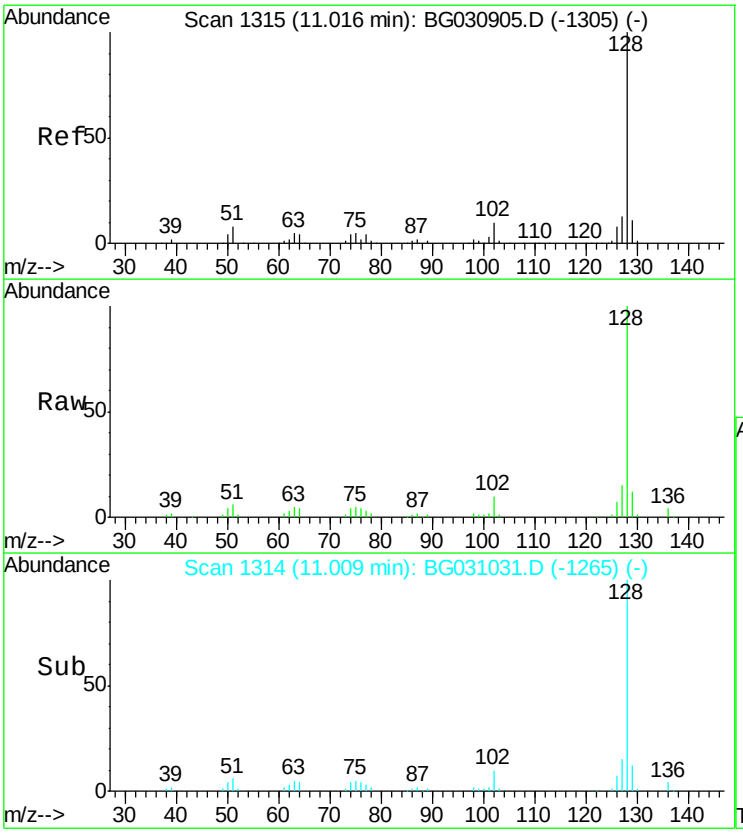
#23
Nitrobenzene-d5
Concen: 82.02 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 176815

Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	51.1	43.1	64.7

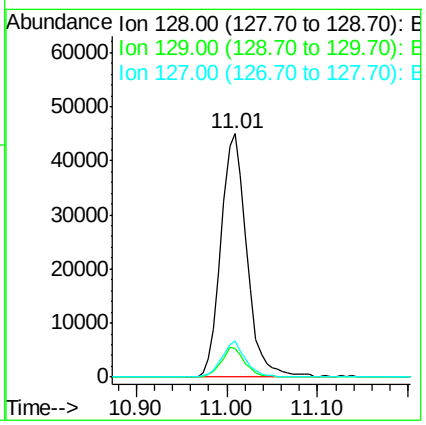


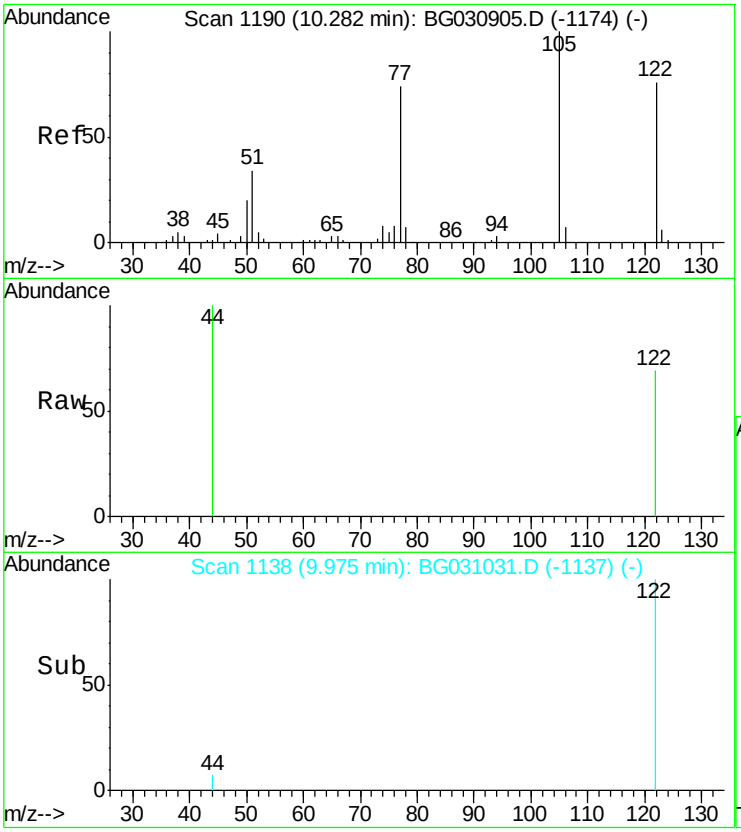


#31
Naphthalene
Concen: 14.23 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:128 Resp: 89331

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	14.7	11.6	17.4



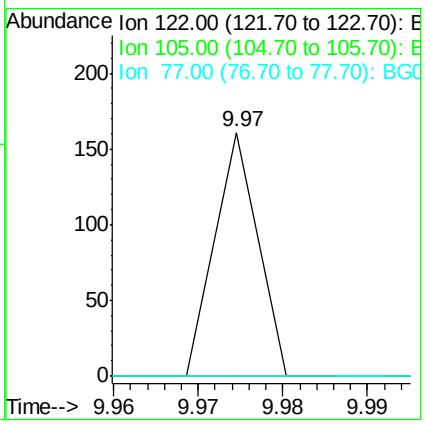


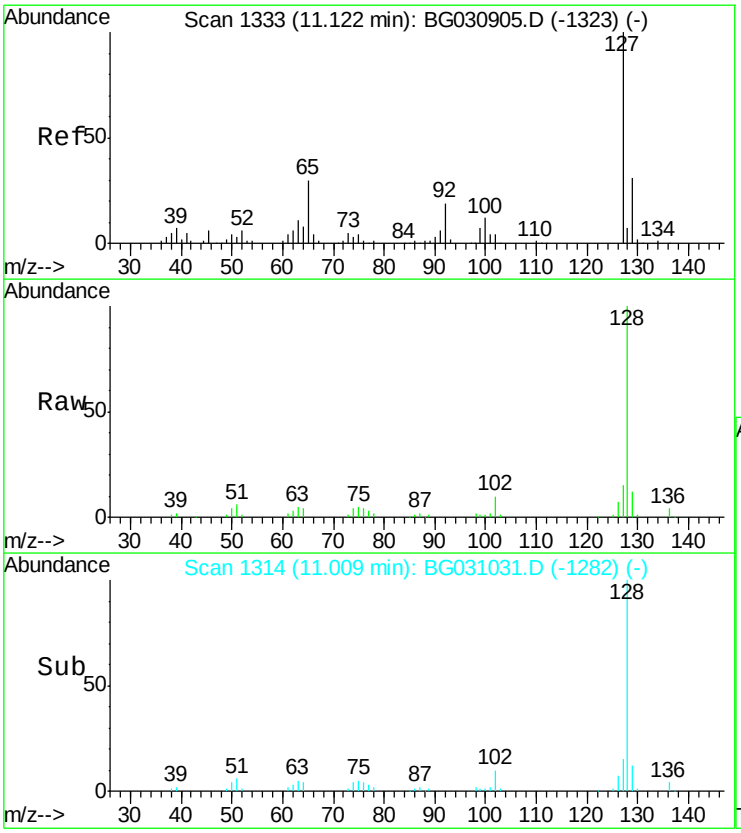
#32
Benzoic acid
Concen: 5.70 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.29 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

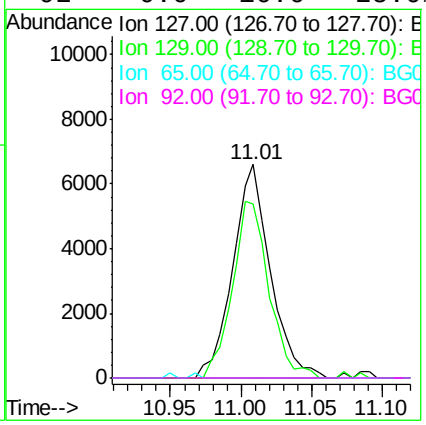


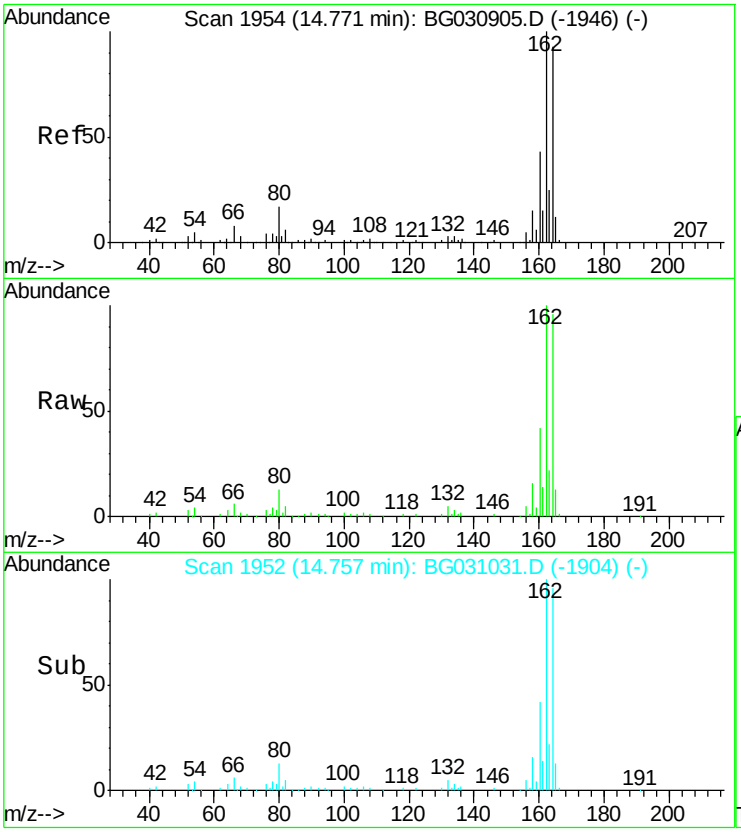


#33
4-Chloroaniline
Concen: 4.44 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.11 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:127 Resp: 12206

Ion	Ratio	Lower	Upper
127	100		
129	81.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



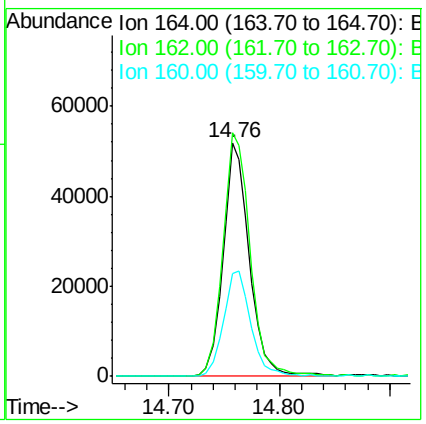


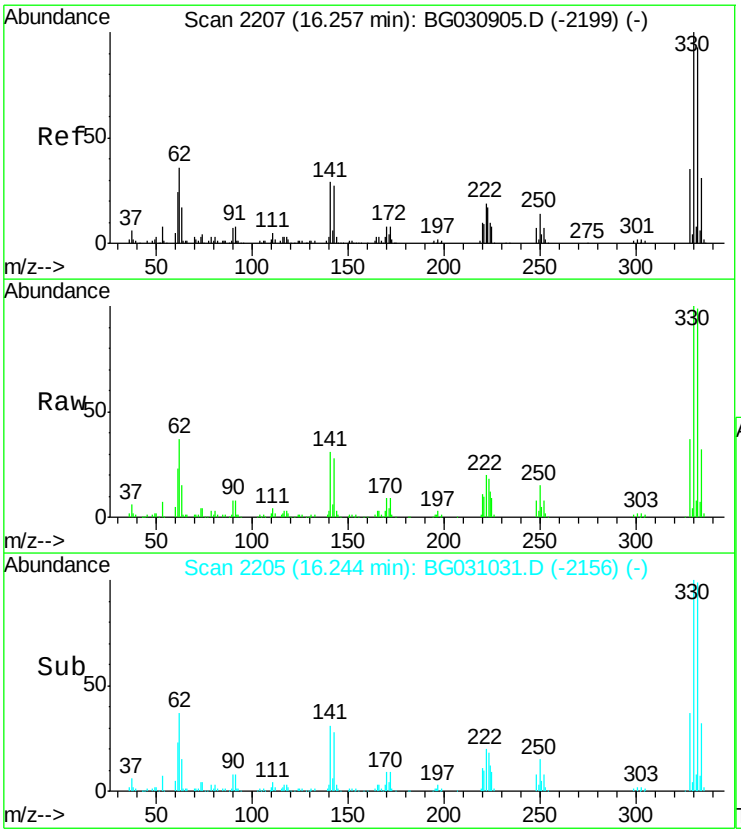
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 85651

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	43.8	35.4	53.0

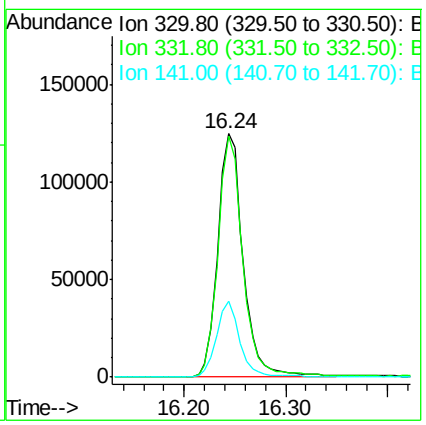


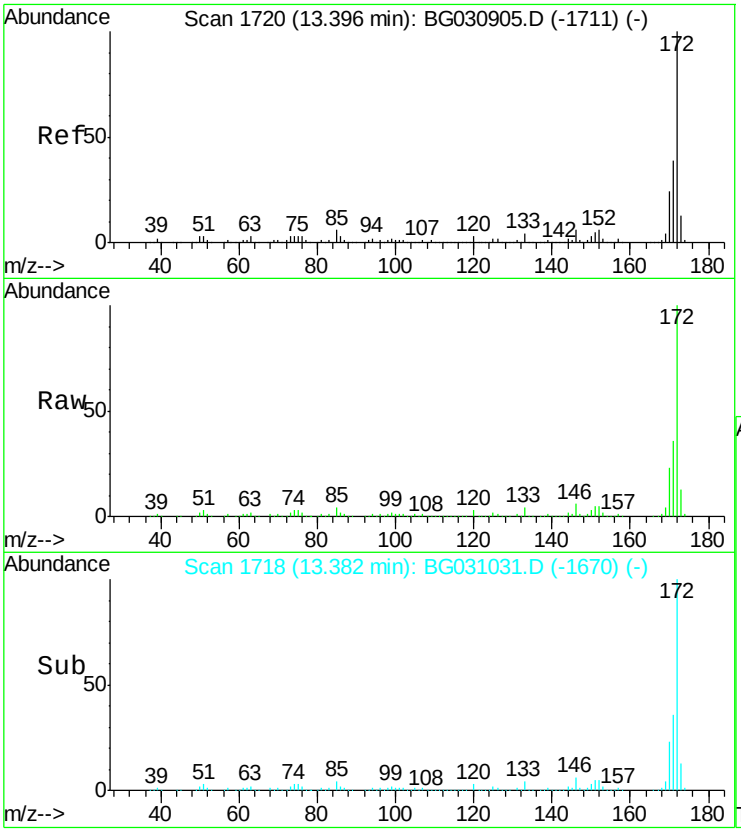


#41
2,4,6-Tribromophenol
Concen: 156.94 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:330 Resp: 217447

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.2	25.2	37.8



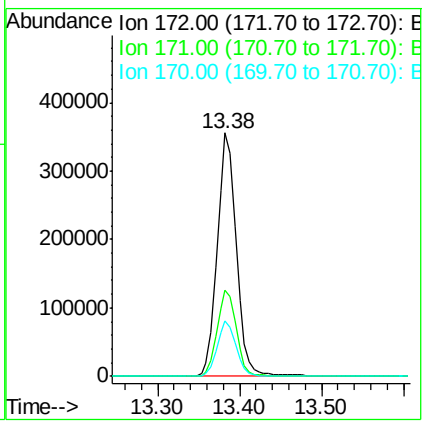


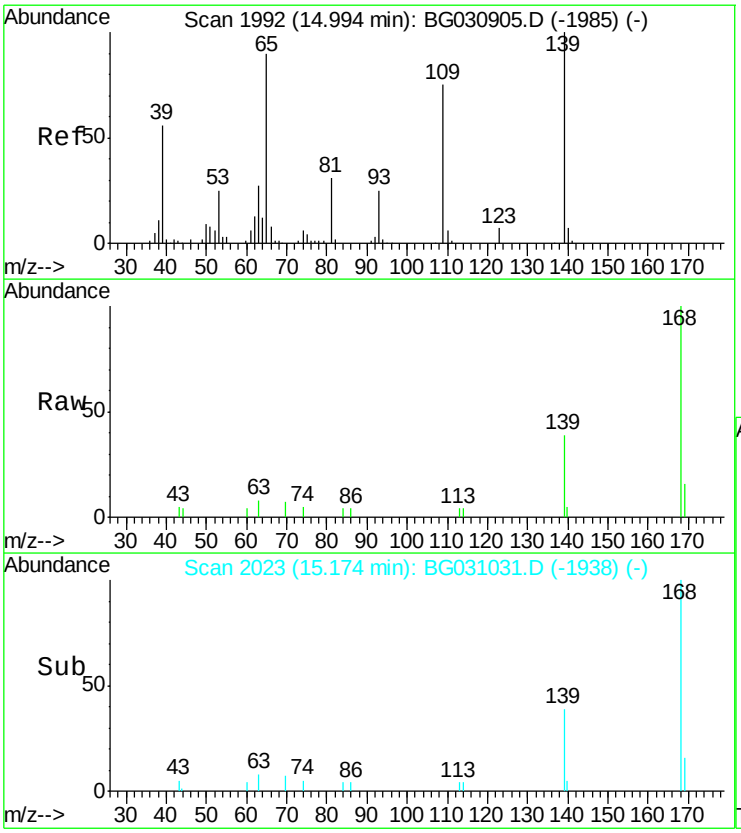
#44
2-Fluorobiphenyl
Concen: 97.54 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 581444

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	22.9	19.5	29.3

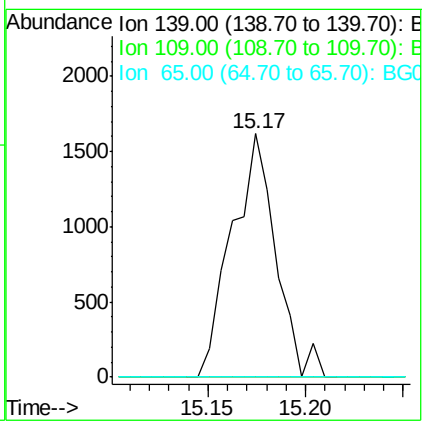


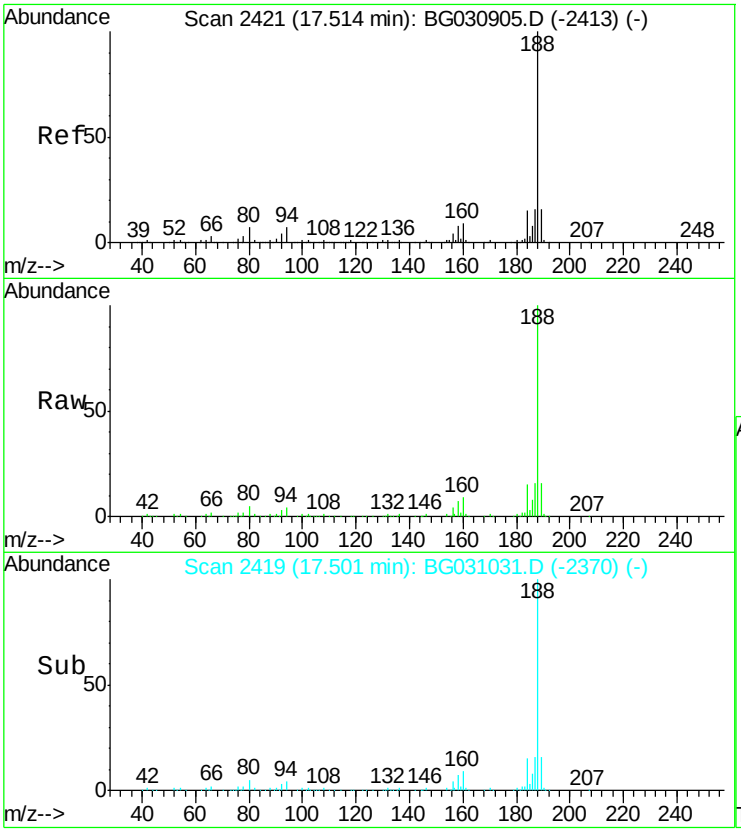


#55
4-Nitrophenol
Concen: 2.18 ng
RT: 15.17 min Scan# 2023
Delta R.T. 0.20 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:139 Resp: 2522

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



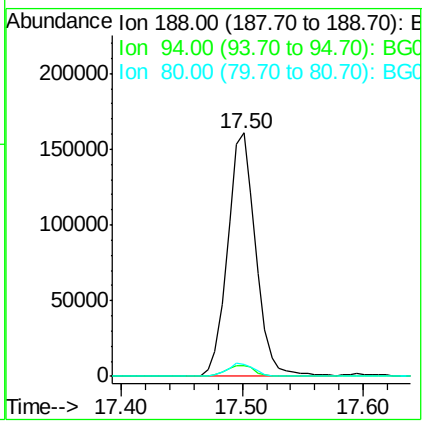


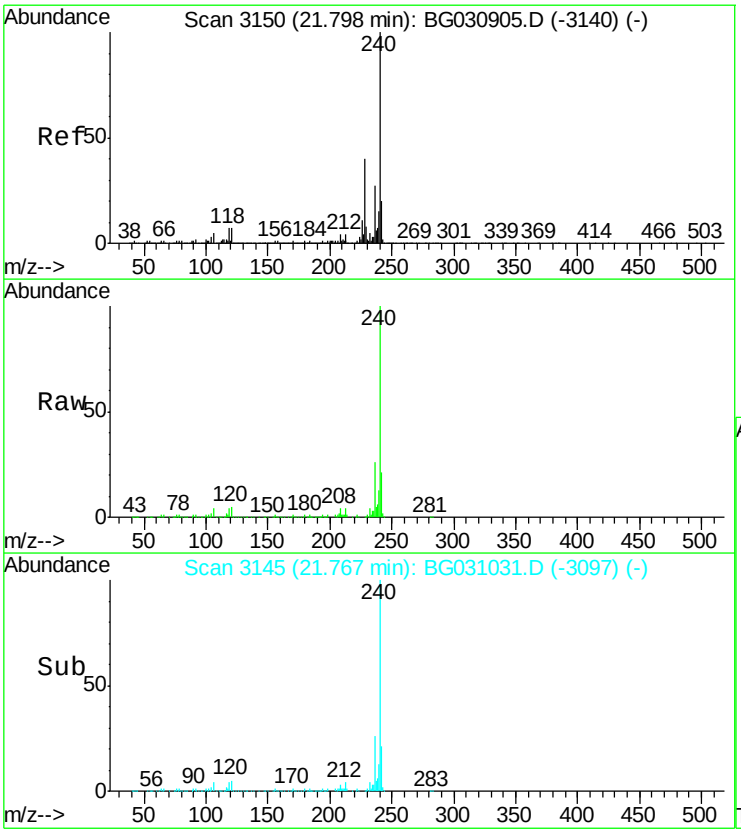
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 260385

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	5.1	7.7	11.5#

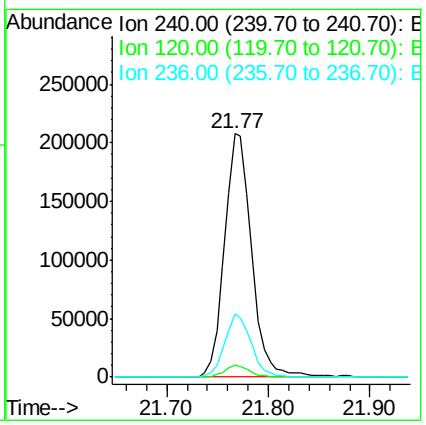


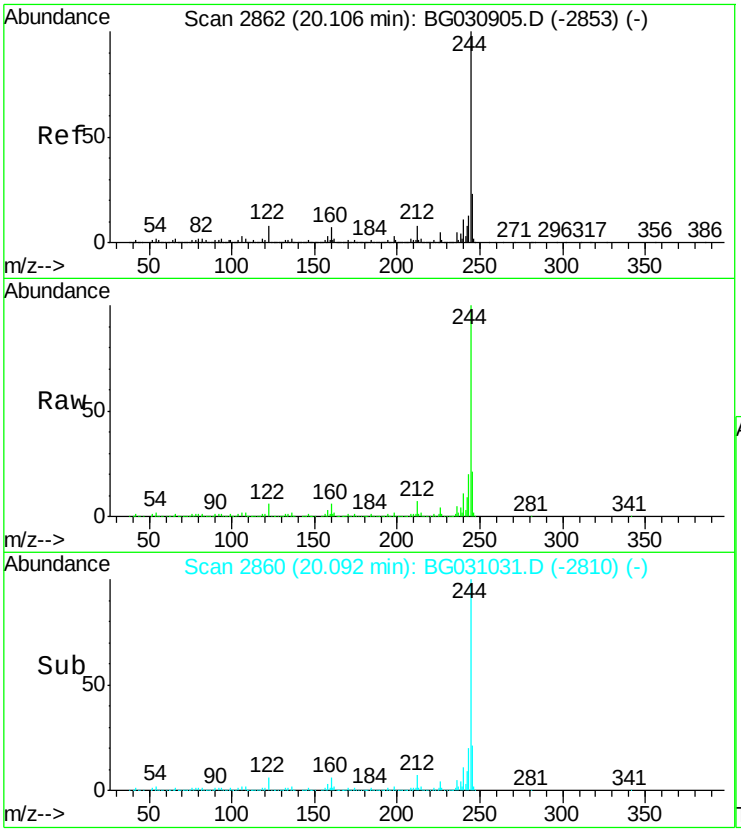


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:240 Resp: 384393

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	25.7	20.9	31.3



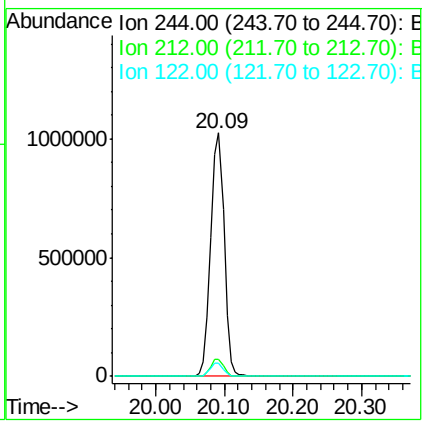


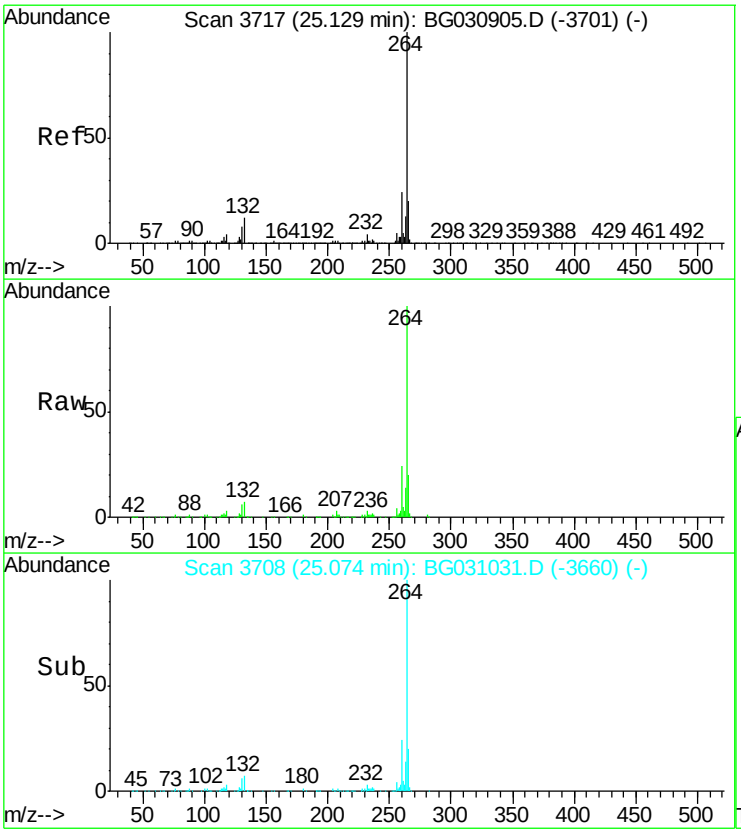
#78
Terphenyl-d14
Concen: 79.87 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1390441

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031031.D
Acq: 16 Nov 2017 3:10

Tgt Ion:264 Resp: 378515

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.2	17.7	26.5