Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Time: Dec 11 23:30:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22585	20.00	ng		-0.04
21) Naphthalene-d8	10.92	136	95582	20.00	ng		-0.04
38) Acenaphthene-d10	14.73	164	68435	20.00	ng		-0.04
63) Phenanthrene-d10	17.47	188	163625	20.00	ng		-0.04
75) Chrysene-d12	21.75	240	189250	20.00	ng		-0.05
86) Perylene-d12	25.02	264	175668	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	53795	43.05	ng		-0.02
7) Phenol-d6	7.25	99	57069	30.25	ng		-0.02
23) Nitrobenzene-d5	9.27	82	115326	61.58	ng		-0.04
41) 2,4,6-Tribromophenol	16.22	330	110292	105.33	ng		-0.03
44) 2-Fluorobiphenyl	13.36	172	318845	63.62	ng		-0.04
78) Terphenyl-d14	20.07	244	561115	72.32	ng		-0.04
Target Compounds							Qvalue
16) 2,2'-oxybis(1-Chloropropan	8.85	45	4913	2.05	ng		73
18) Hexachloroethane	9.21	117	3334	4.99	ng	#	1
31) Naphthalene	10.97	128	12206	2.38	ng	#	93
32) Benzoic acid	10.16	122	1076	6.86	ng	#	87
37) 2-Methylnaphthalene	12.57	142	11508	3.07	ng		98
53) 2,4-Dinitrophenol	15.02	184	59	9.35	ng	#	1

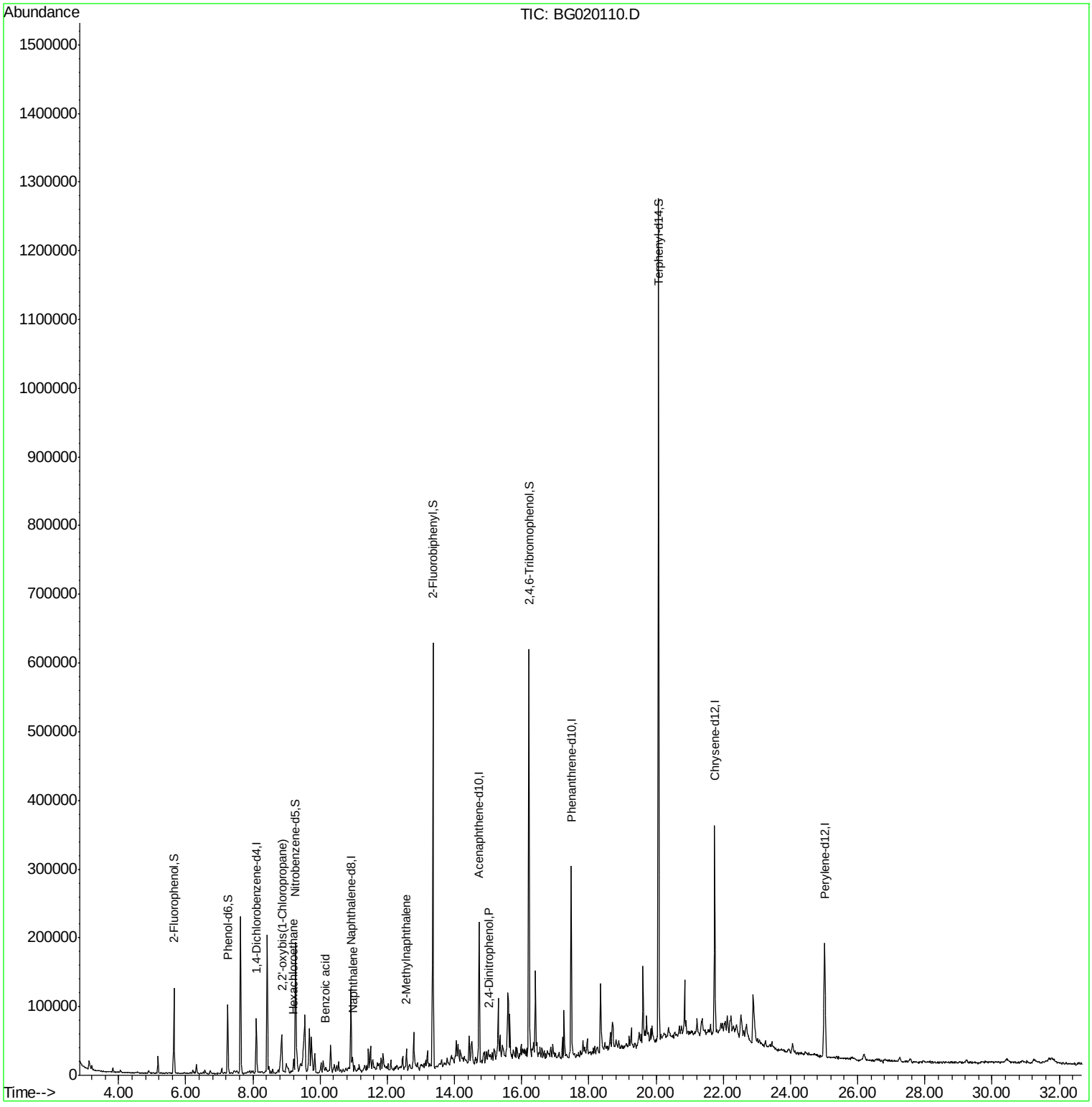
(#) = qualifier out of range (m) = manual integration (+) = signals summed

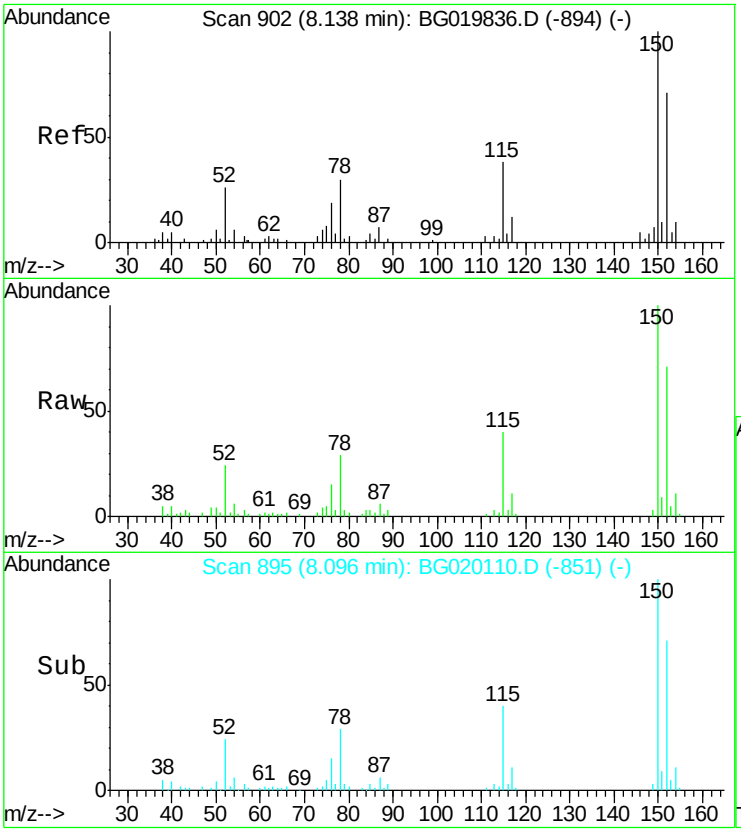
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020110.D
Acq On : 11 Dec 2015 17:30
Operator : UM/SJ
Sample : G4729-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Time: Dec 11 23:30:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



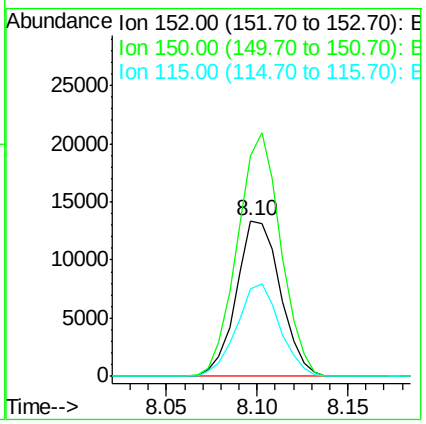


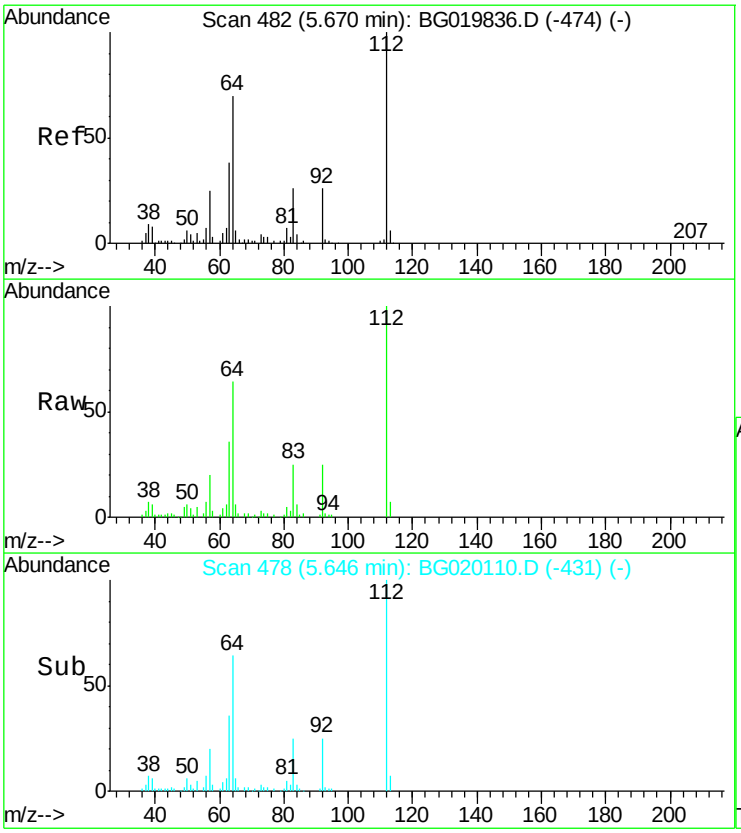
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:152 Resp: 22585

Ion	Ratio	Lower	Upper
152	100		
150	141.6	115.0	172.4
115	56.3	43.9	65.9

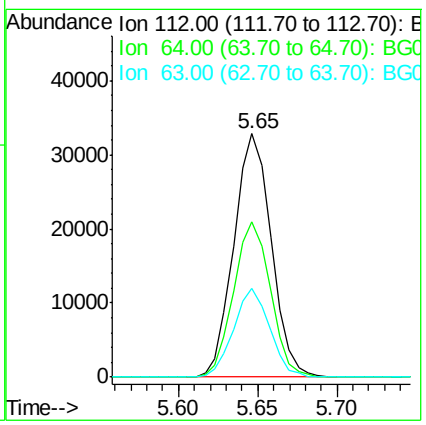


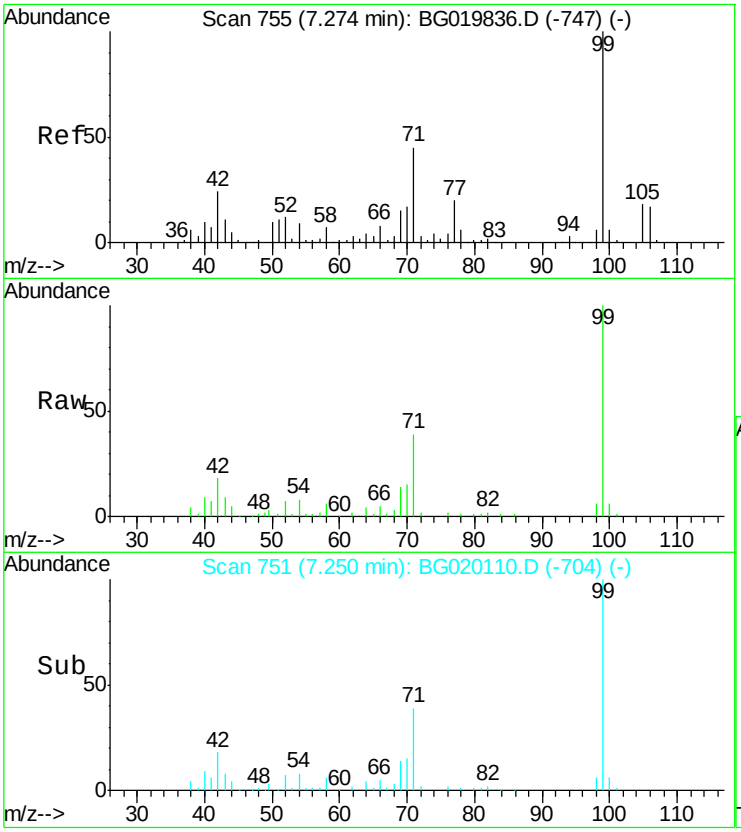


#5
2-Fluorophenol
Concen: 43.05 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:112 Resp: 53795

Ion	Ratio	Lower	Upper
112	100		
64	64.0	43.7	65.5
63	36.5	24.0	36.0#



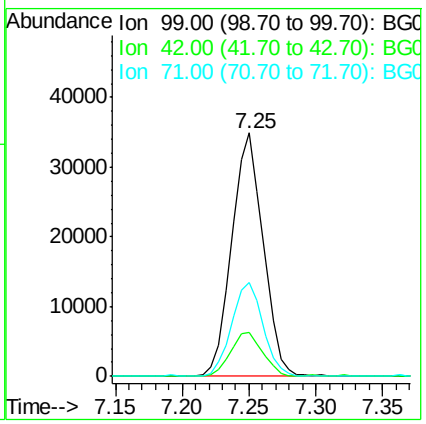


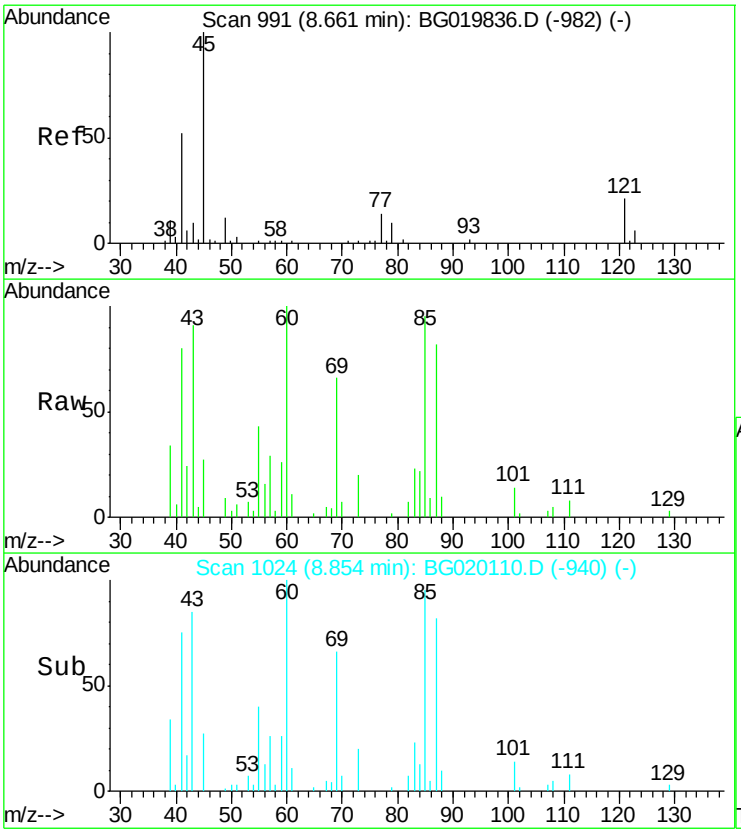
#7
Phenol-d6
Concen: 30.25 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.02 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion: 99 Resp: 57069

Ion	Ratio	Lower	Upper
99	100		
42	18.0	11.5	17.3#
71	38.7	22.6	34.0#

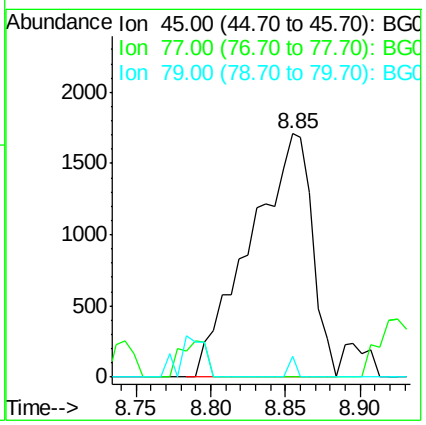


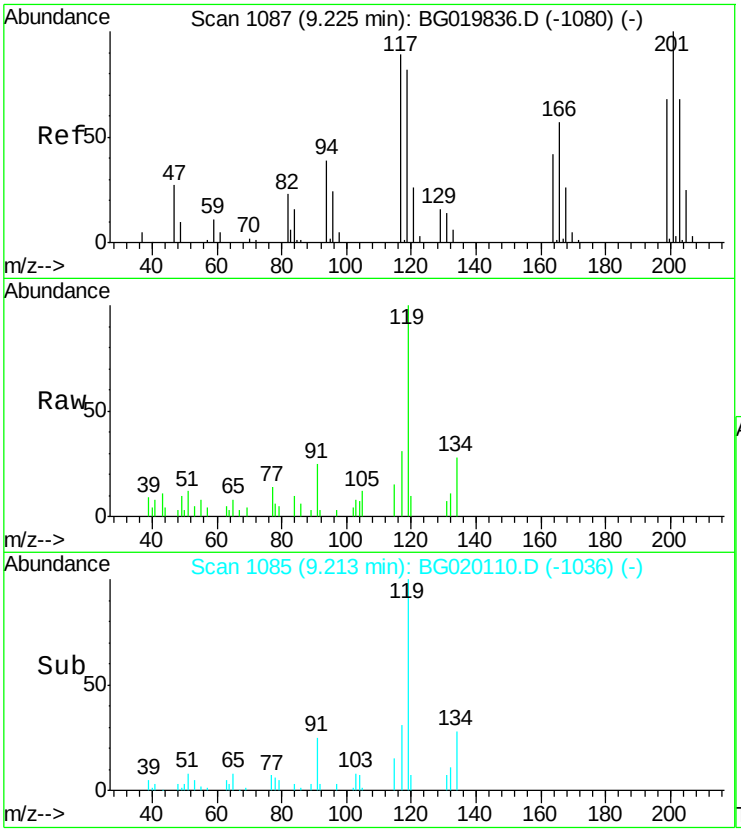


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.05 ng
RT: 8.85 min Scan# 1024
Delta R.T. 0.19 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion: 45 Resp: 4913

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	37.0
79	8.8	0.0	33.8



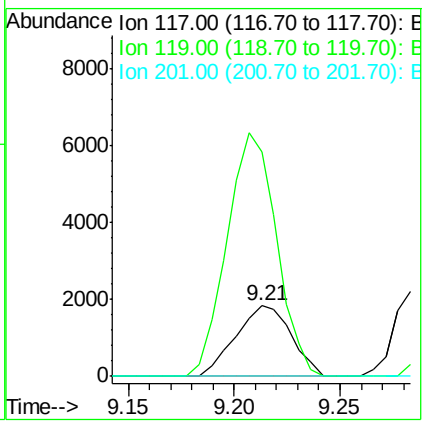


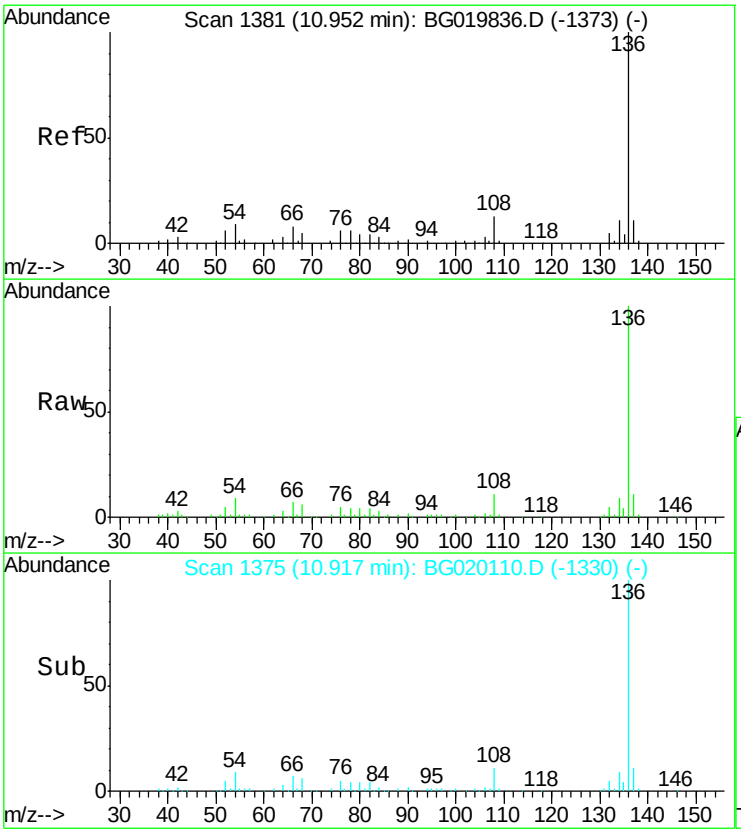
#18
Hexachloroethane
Concen: 4.99 ng
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:117 Resp: 3334

Ion	Ratio	Lower	Upper
117	100		
119	318.9	71.7	107.5#
201	0.0	90.9	136.3#

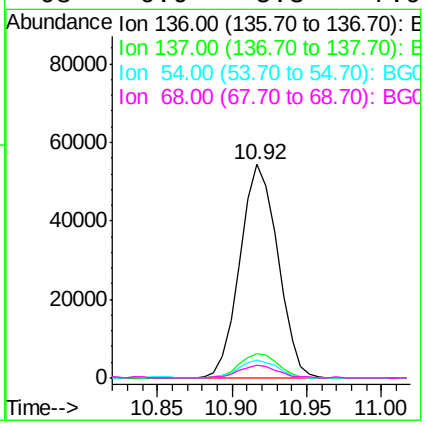


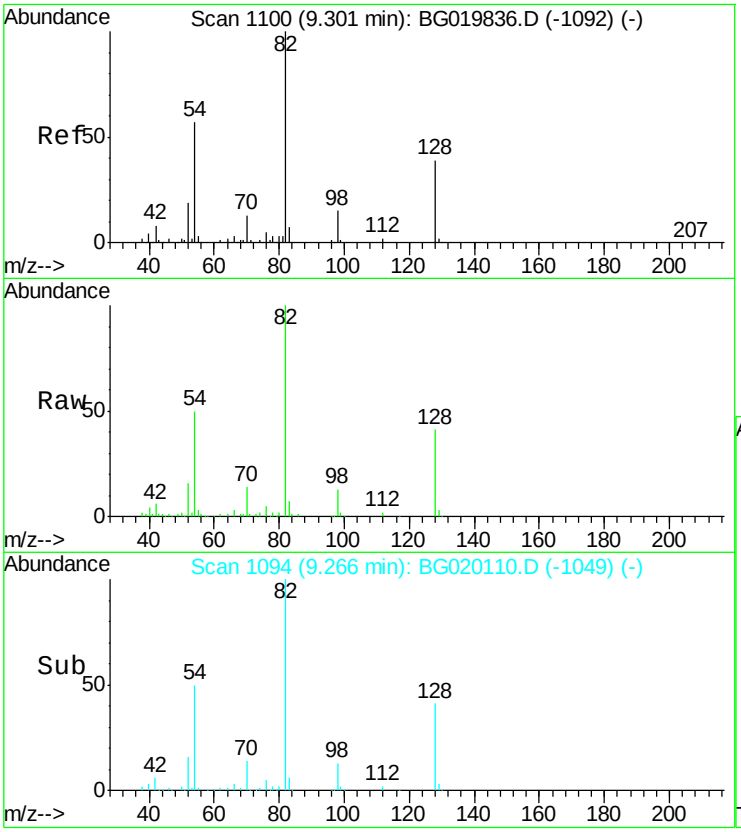


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:136 Resp: 95582

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.6	5.4	8.2#
68	6.0	5.3	7.9



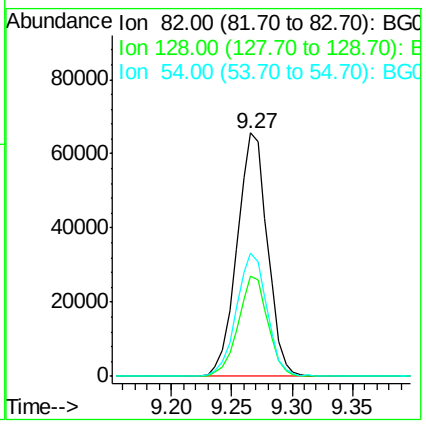


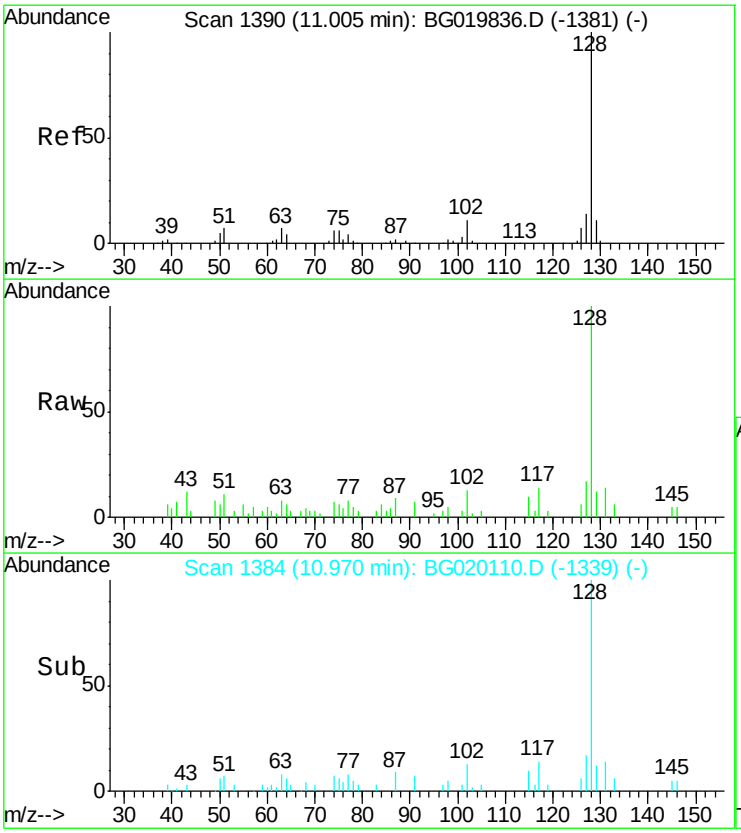
#23
Nitrobenzene-d5
Concen: 61.58 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion: 82 Resp: 115326

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.7	55.1
54	50.4	33.8	50.8

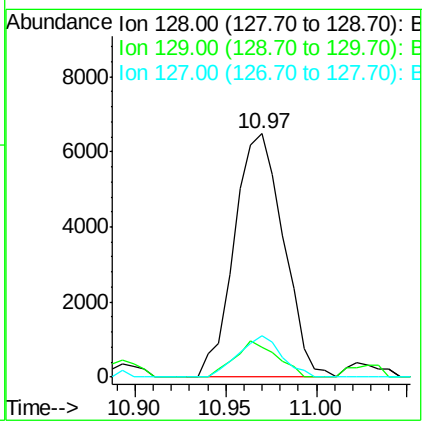


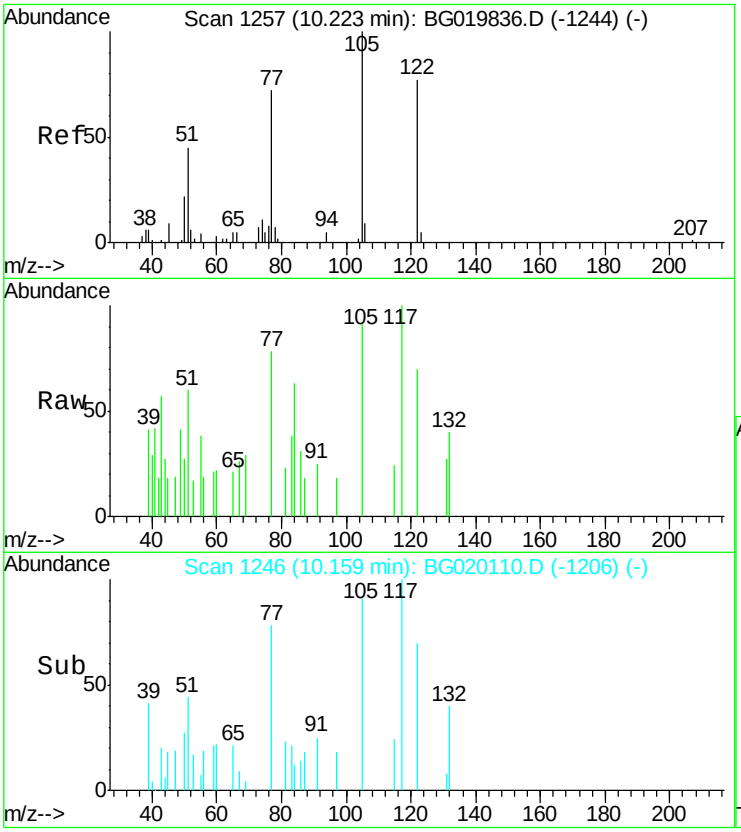


#31
Naphthalene
Concen: 2.38 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:128 Resp: 12206

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.5	12.7
127	17.2	10.6	16.0#



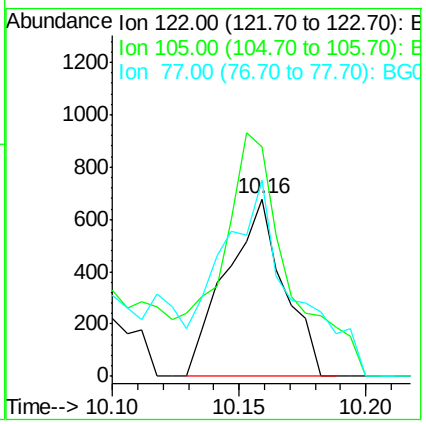


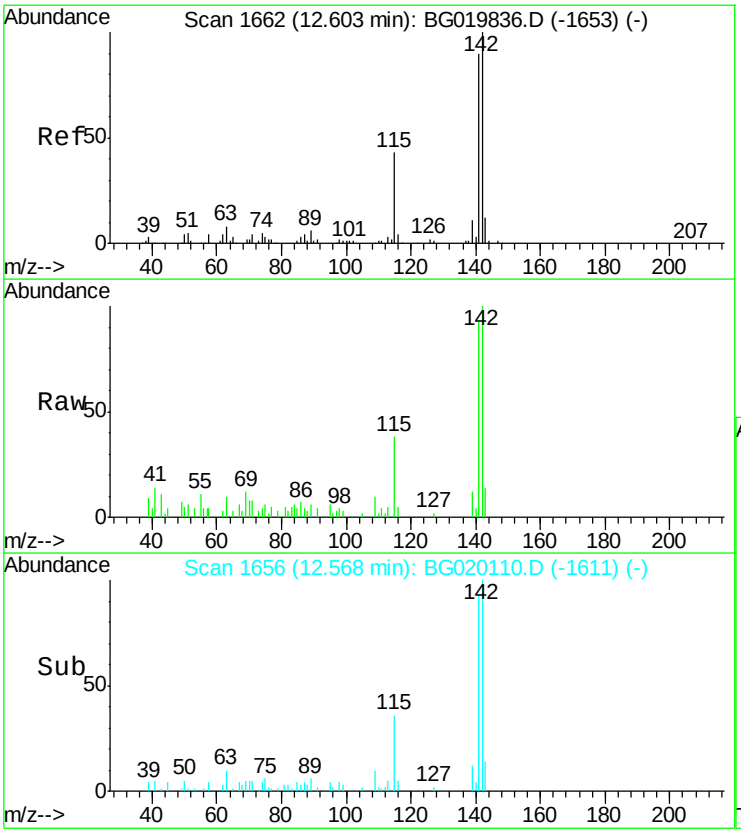
#32
Benzoic acid
Concen: 6.86 ng
RT: 10.16 min Scan# 1246
Delta R.T. -0.06 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:122 Resp: 1076

Ion	Ratio	Lower	Upper
122	100		
105	129.7	103.8	143.8
77	111.1	68.8	108.8#

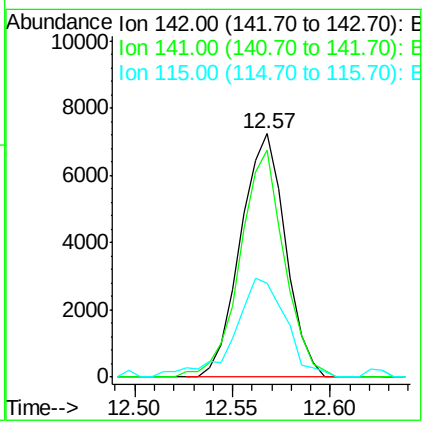


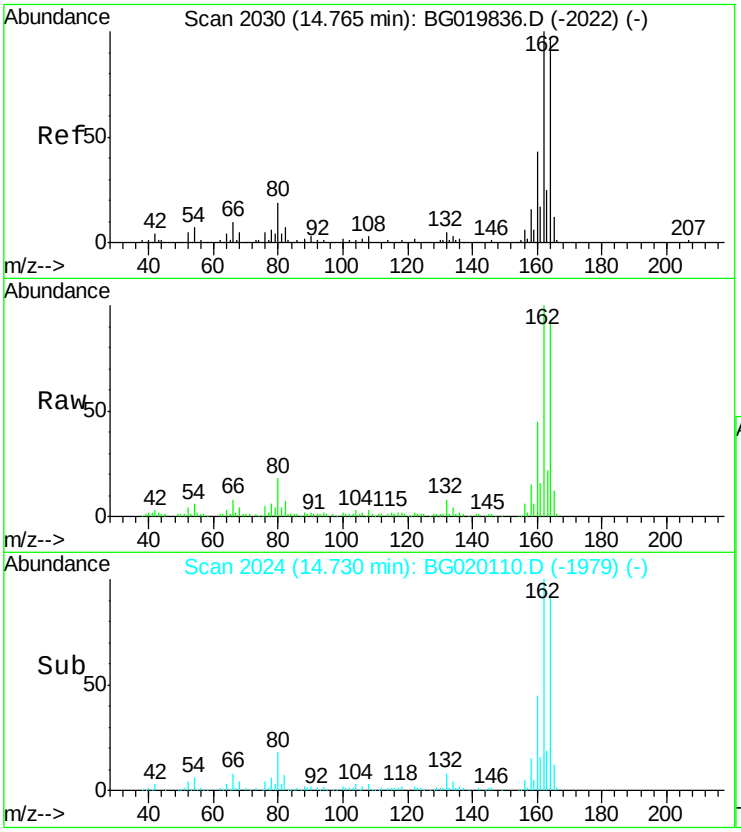


#37
2-Methylnaphthalene
Concen: 3.07 ng
RT: 12.57 min Scan# 1656
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:142 Resp: 11508

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.6	112.0
115	38.4	27.4	41.0



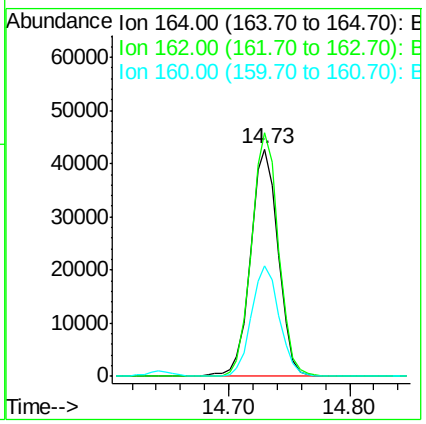


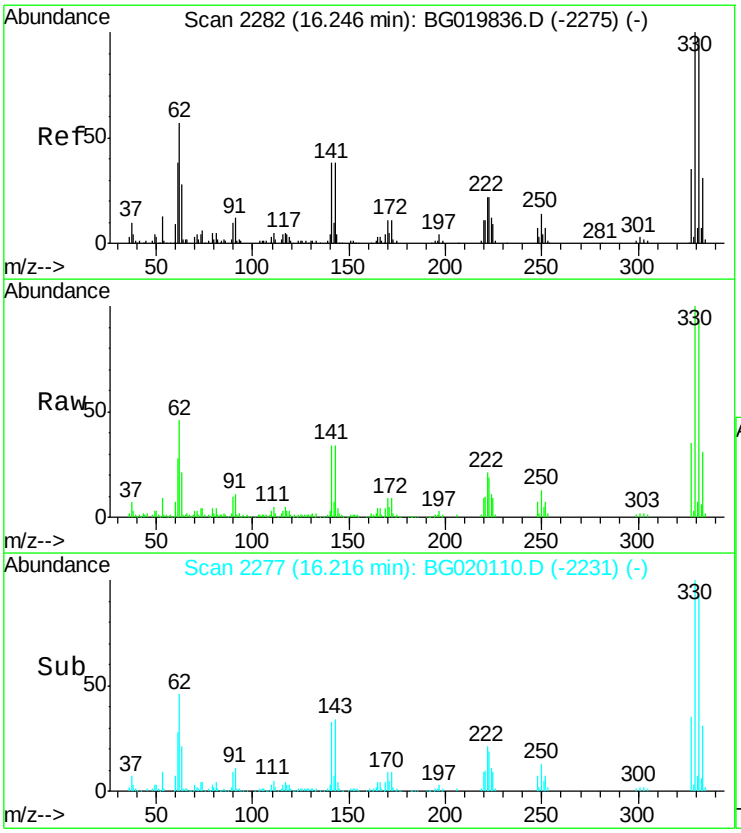
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:164 Resp: 68435

Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	48.7	36.4	54.6

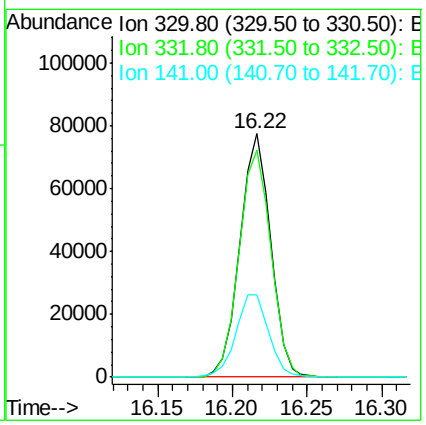


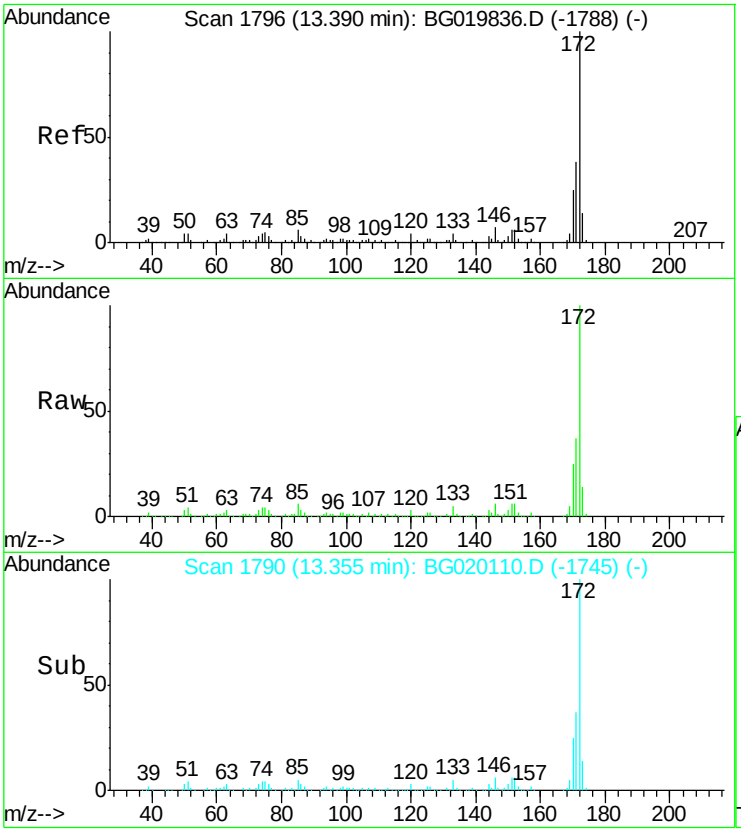


#41
2,4,6-Tribromophenol
Concen: 105.33 ng
RT: 16.22 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:330 Resp: 110292

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	36.5	28.2	42.2



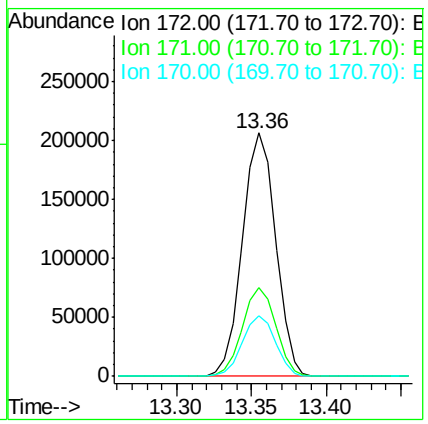


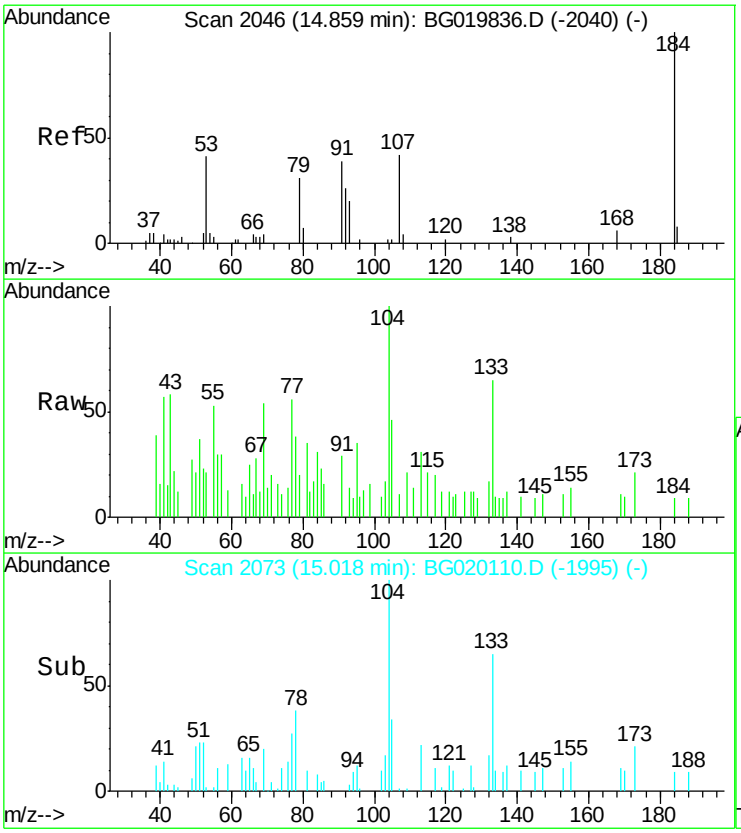
#44
2-Fluorobiphenyl
Concen: 63.62 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:172 Resp: 318845

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	25.0	19.9	29.9

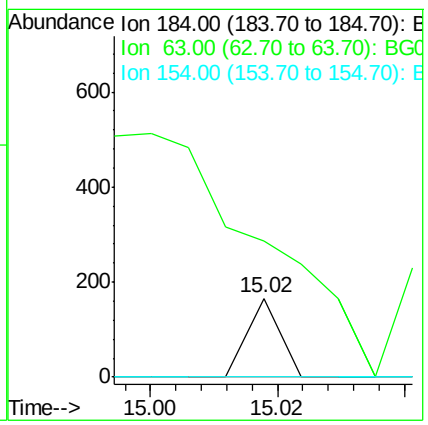


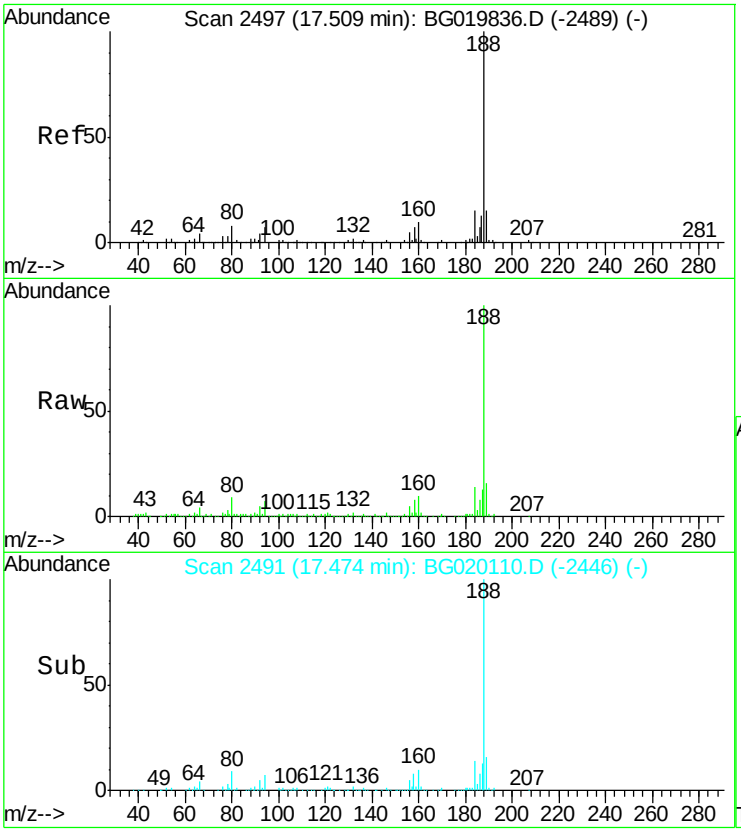


#53
2,4-Dinitrophenol
Concen: 9.35 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.16 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	172.3	42.7	64.1#
154	0.0	44.3	66.5#



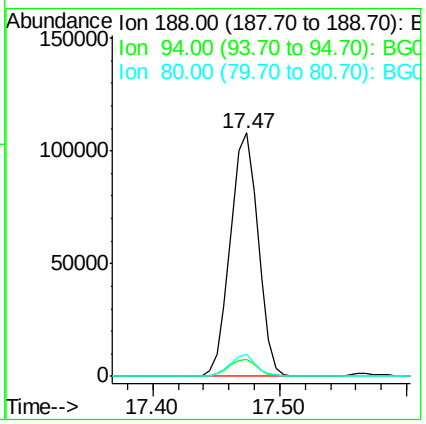


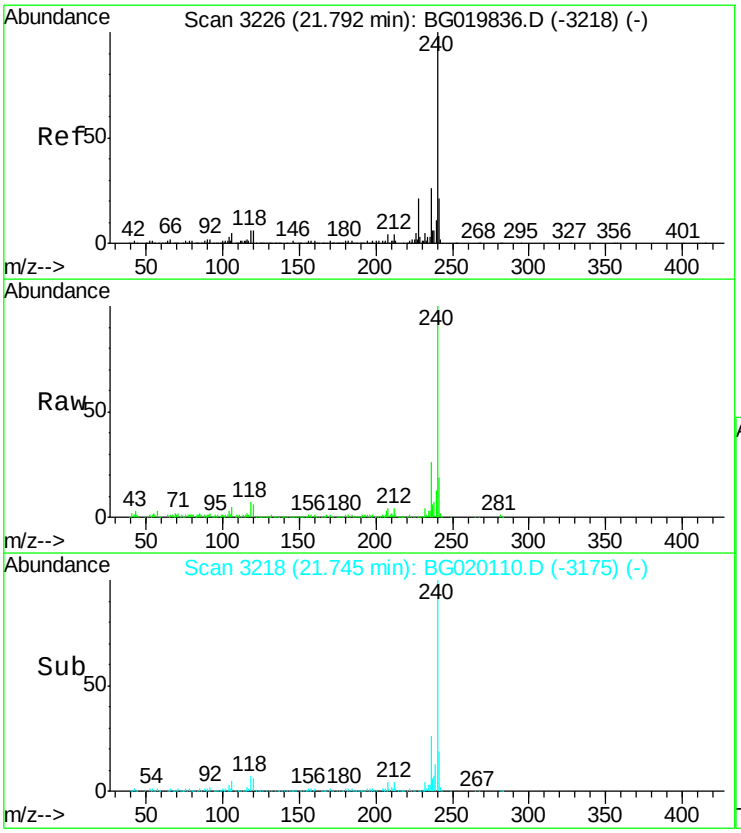
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:188 Resp: 163625

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.7	11.5#
80	9.0	7.8	11.8

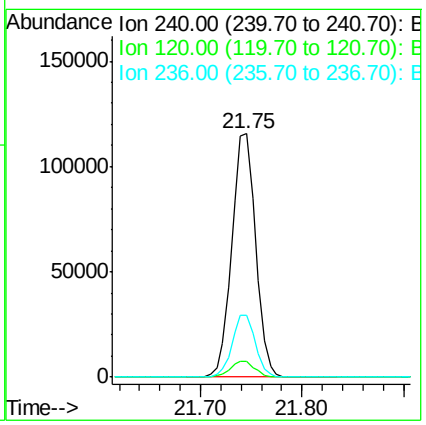


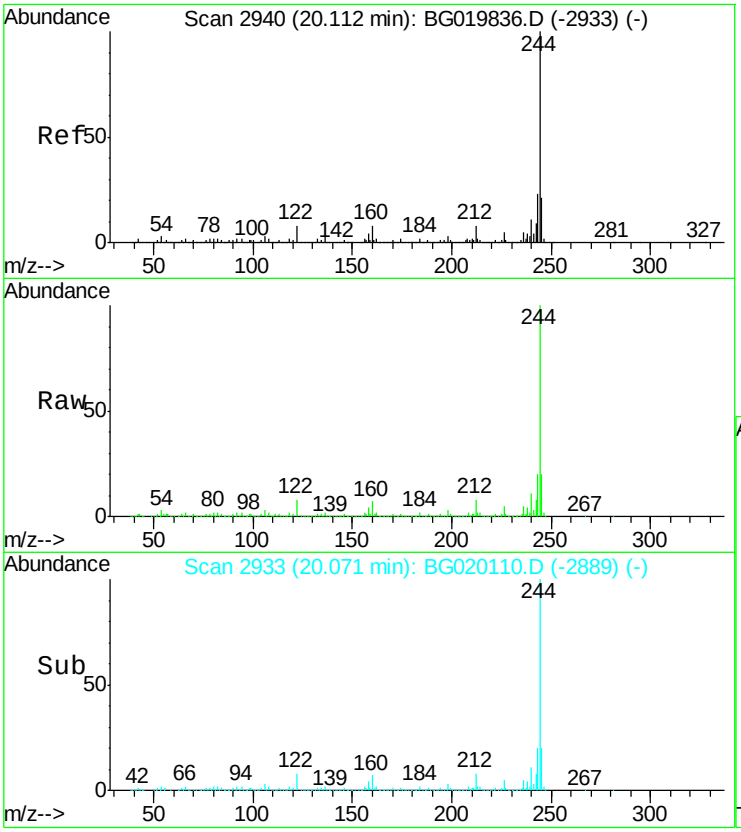


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.05 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:240 Resp: 189250

Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.4	11.0#
236	25.5	20.7	31.1



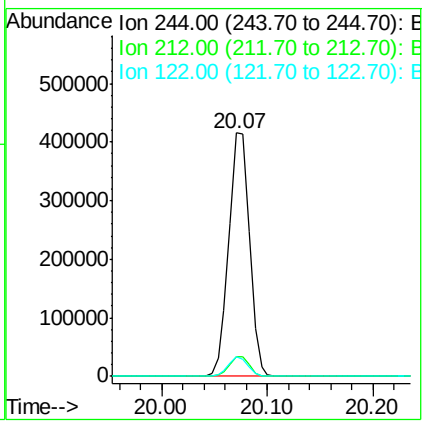


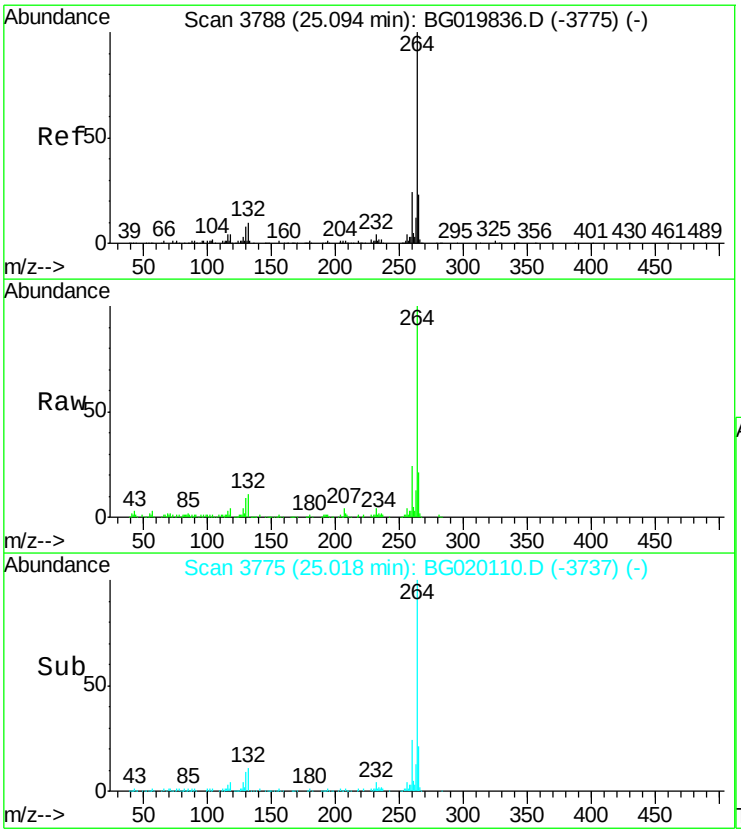
#78
Terphenyl-d14
Concen: 72.32 ng
RT: 20.07 min Scan# 2933
Delta R.T. -0.04 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:244 Resp: 561115

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	8.1	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.08 min
Lab File: BG020110.D
Acq: 11 Dec 2015 17:30

Tgt Ion:264 Resp: 175668

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	20.8	17.2	25.8