Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092616\
Data File : BG024137.D
Acq On : 26 Sep 2016 11:36
Operator : UM/SJ
Sample : PB93572BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 26 14:54:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44858	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	208522	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	174230	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	420633	20.00	ng	0.00
75) Chrysene-d12	21.79	240	449356	20.00	ng	0.00
86) Perylene-d12	25.13	264	428512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	397729	153.61	ng	0.00
7) Phenol-d6	7.22	99	603784	138.59	ng	0.00
23) Nitrobenzene-d5	9.23	82	416653	78.75	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	279880	111.76	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	891622	86.02	ng	0.00
78) Terphenyl-d14	20.09	244	1519084	69.22	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.38	122	70	2.18	ng	# 38
40) Hexachlorocyclopentadiene	12.86	237	56	3.61	ng	# 26
53) 2,4-Dinitrophenol	14.63	184	55	2.49	ng	# 10
55) 4-Nitrophenol	14.92	139	101	5.39	ng	# 18
69) Pentachlorophenol	17.07	266	59	3.58	ng	# 18

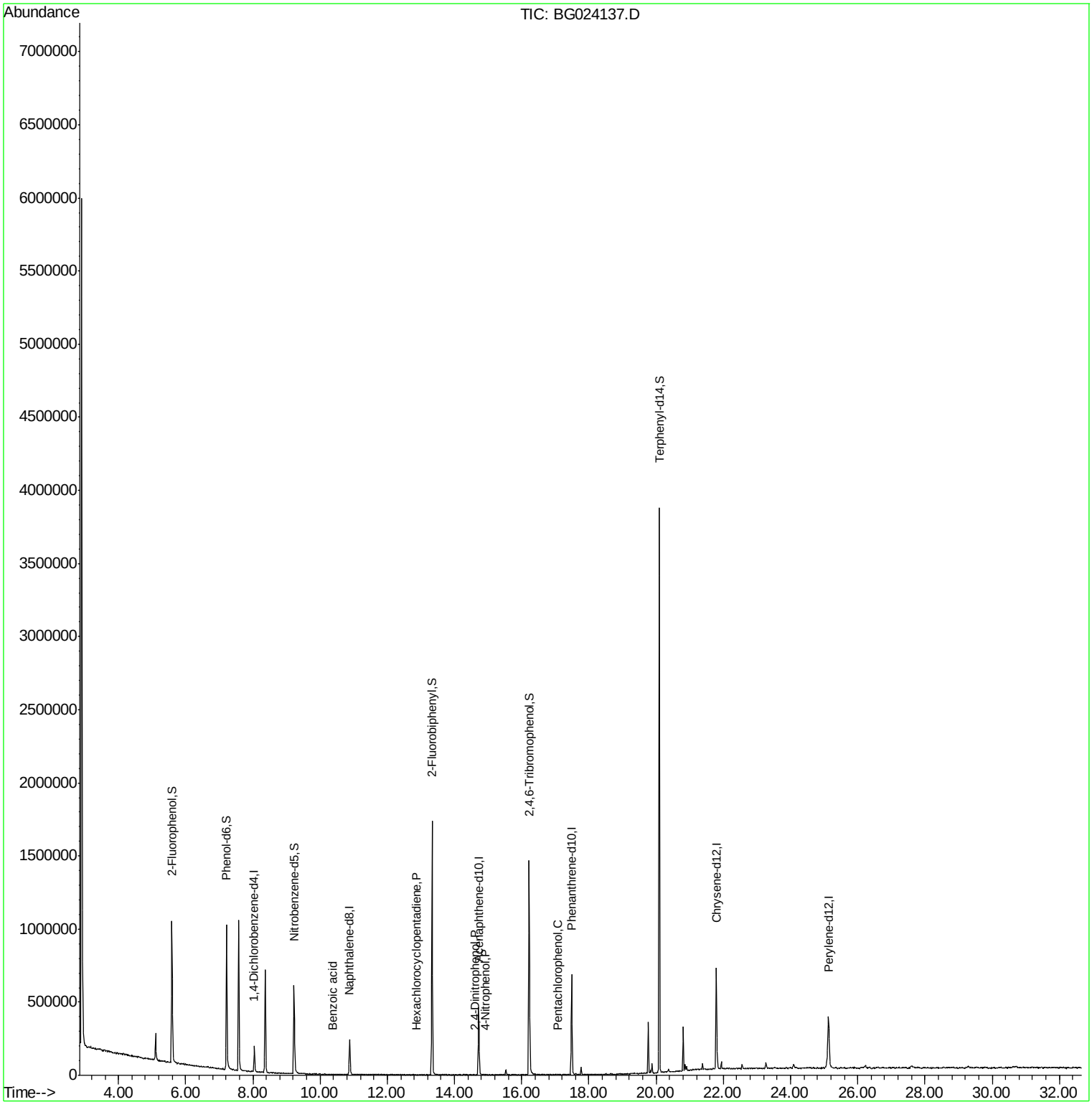
(#) = qualifier out of range (m) = manual integration (+) = signals summed

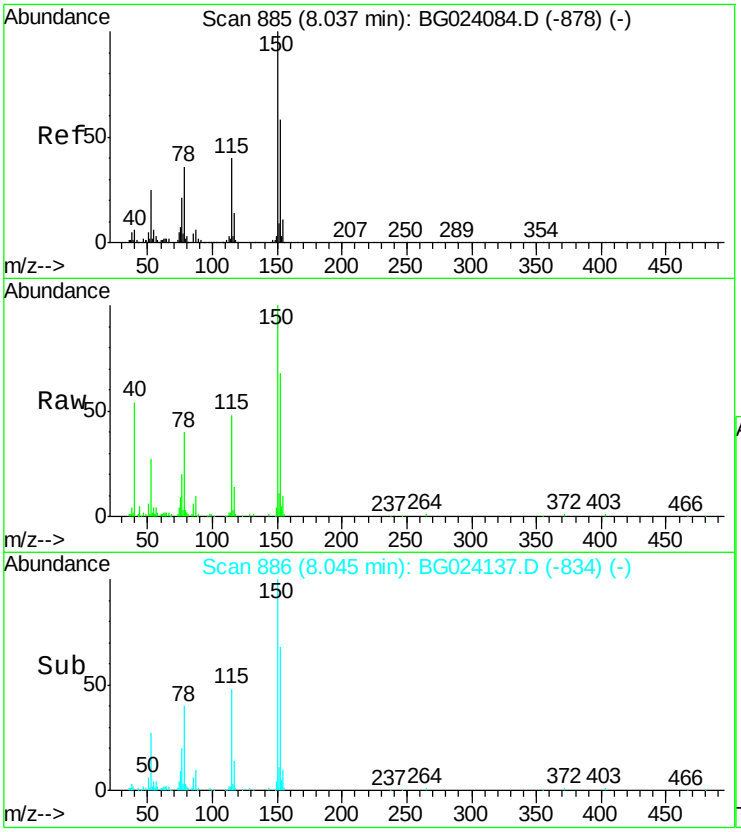
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092616\
Data File : BG024137.D
Acq On : 26 Sep 2016 11:36
Operator : UM/SJ
Sample : PB93572BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 26 14:54:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration



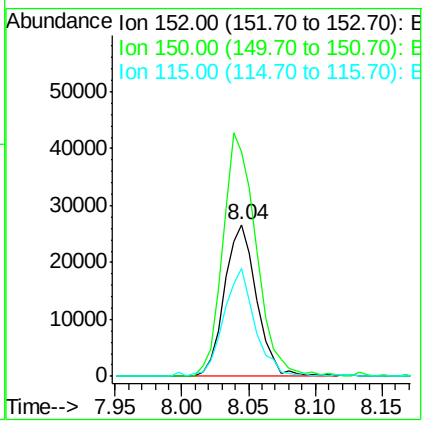


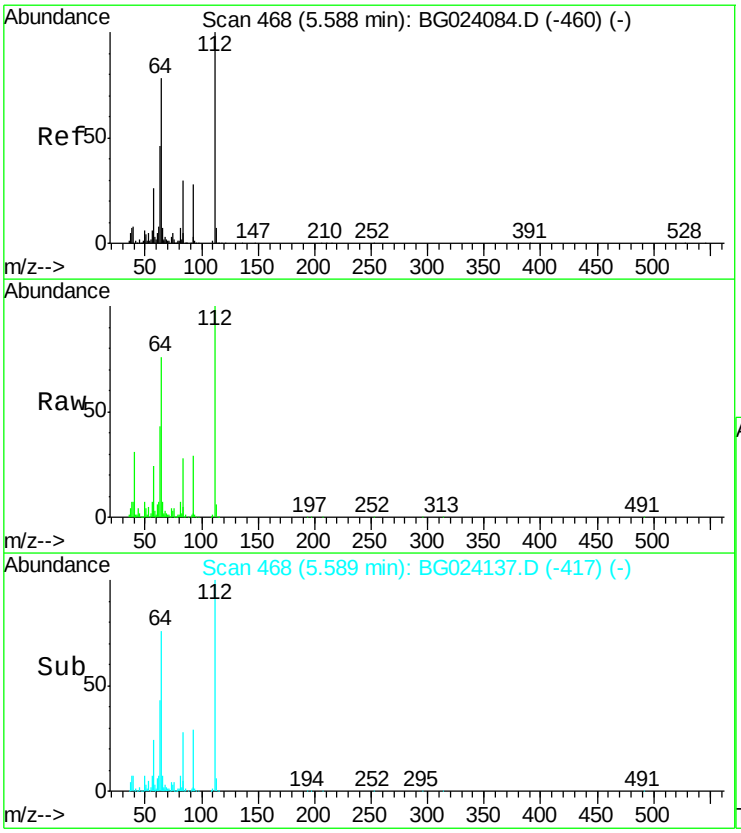
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44858

Ion	Ratio	Lower	Upper
152	100		
150	147.9	144.7	217.1
115	71.3	64.0	96.0

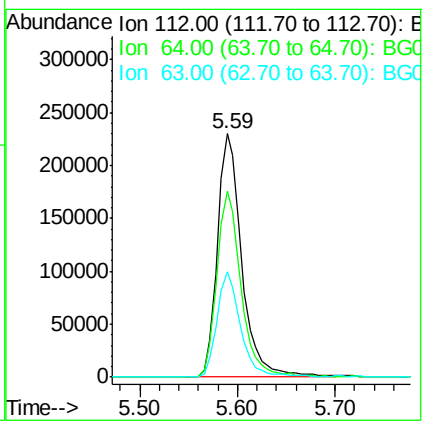


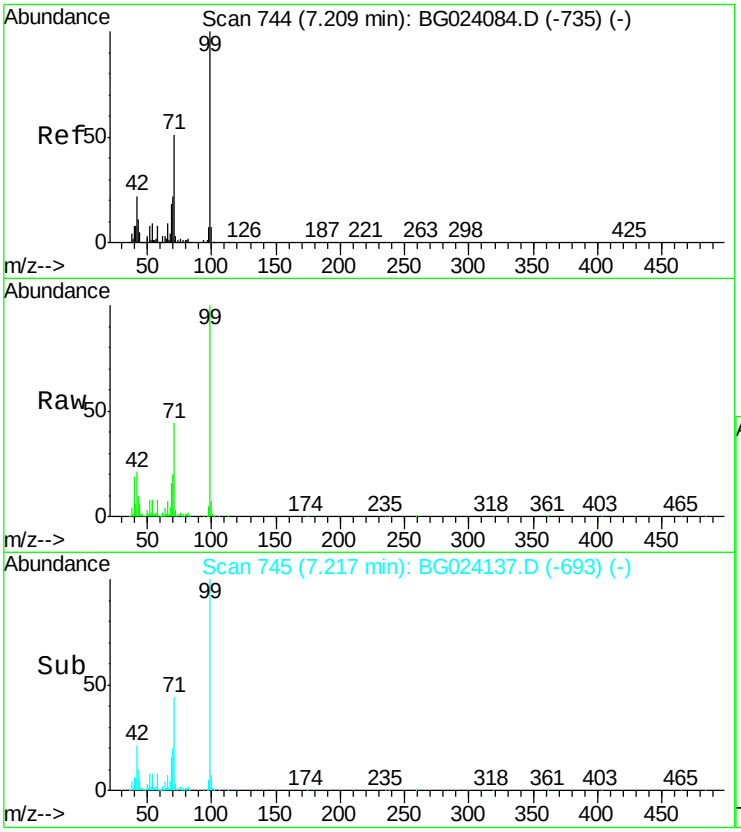


#5
2-Fluorophenol
Concen: 153.61 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:112 Resp: 397729

Ion	Ratio	Lower	Upper
112	100		
64	76.3	59.0	88.4
63	43.3	37.8	56.8



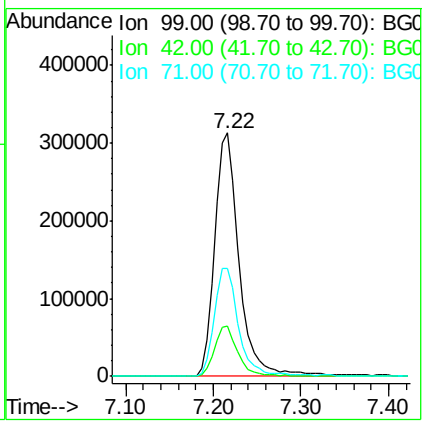


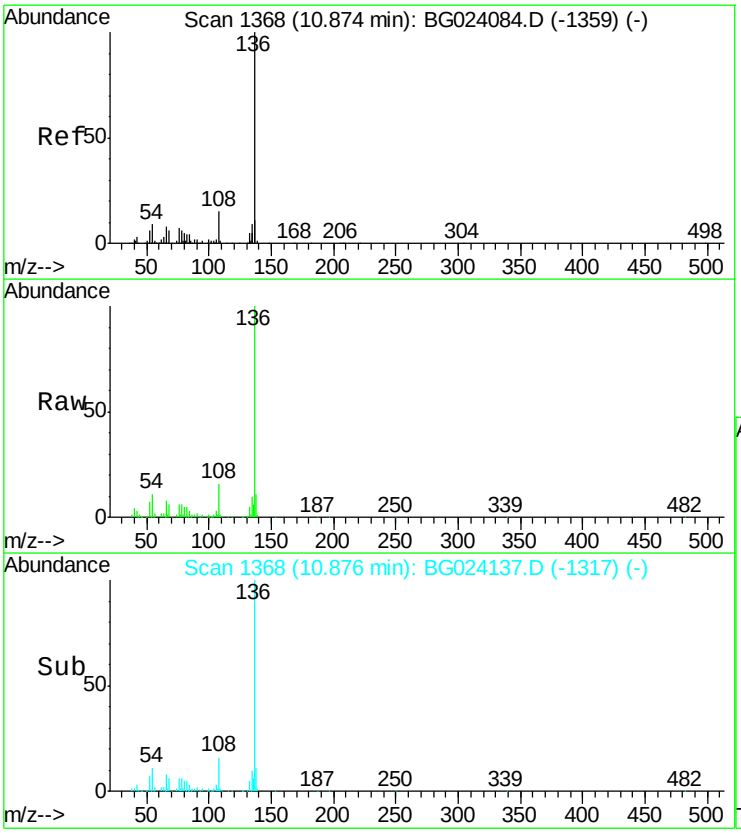
#7
Phenol-d6
Concen: 138.59 ng
RT: 7.22 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 603784

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.8	26.6
71	44.3	41.5	62.3

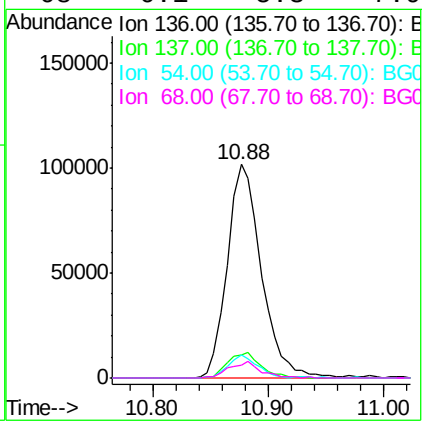


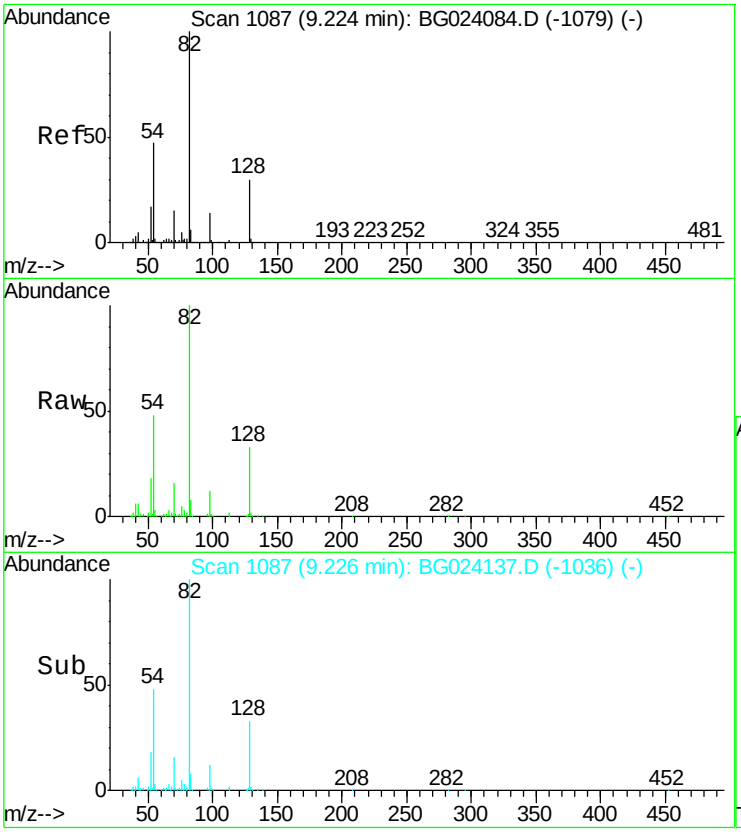


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:136 Resp: 208522

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.7	7.3	10.9
68	6.1	5.3	7.9



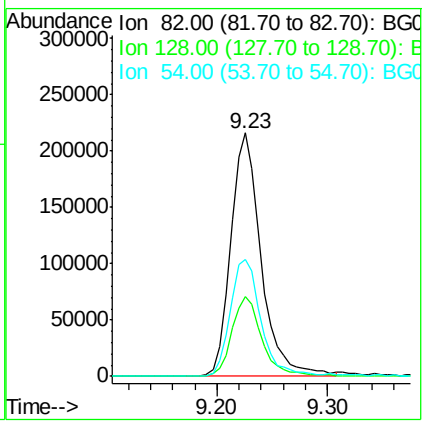


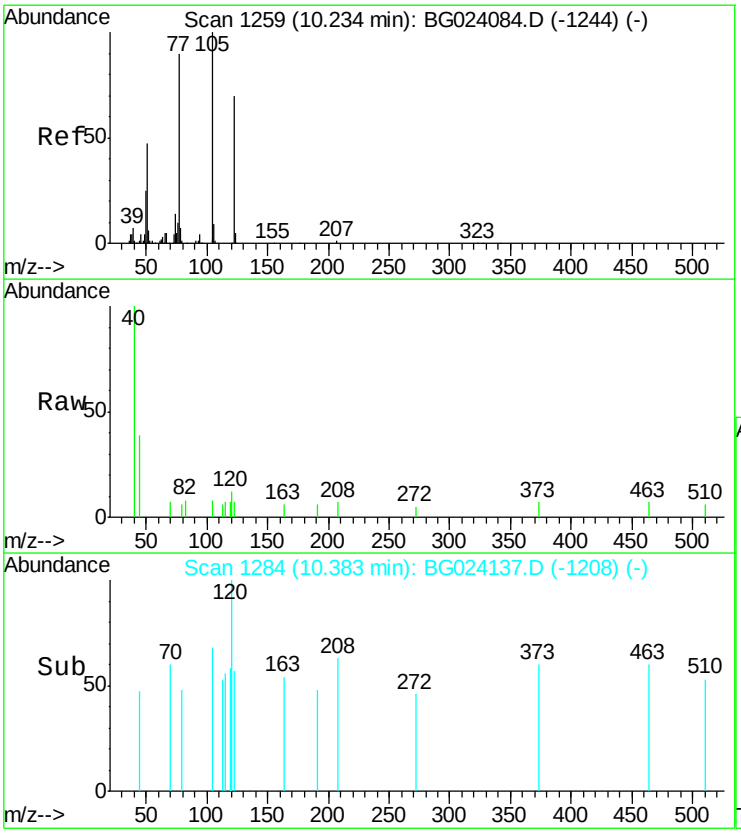
#23
Nitrobenzene-d5
Concen: 78.75 ng
RT: 9.23 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 416653

Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	48.2	41.4	62.0

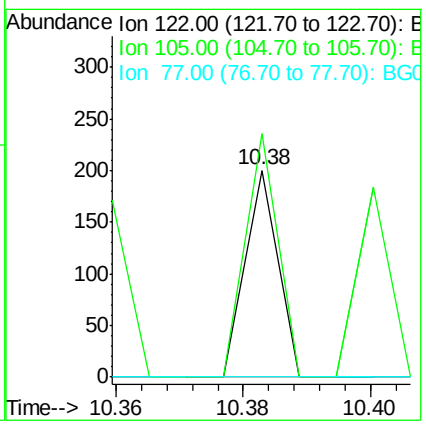


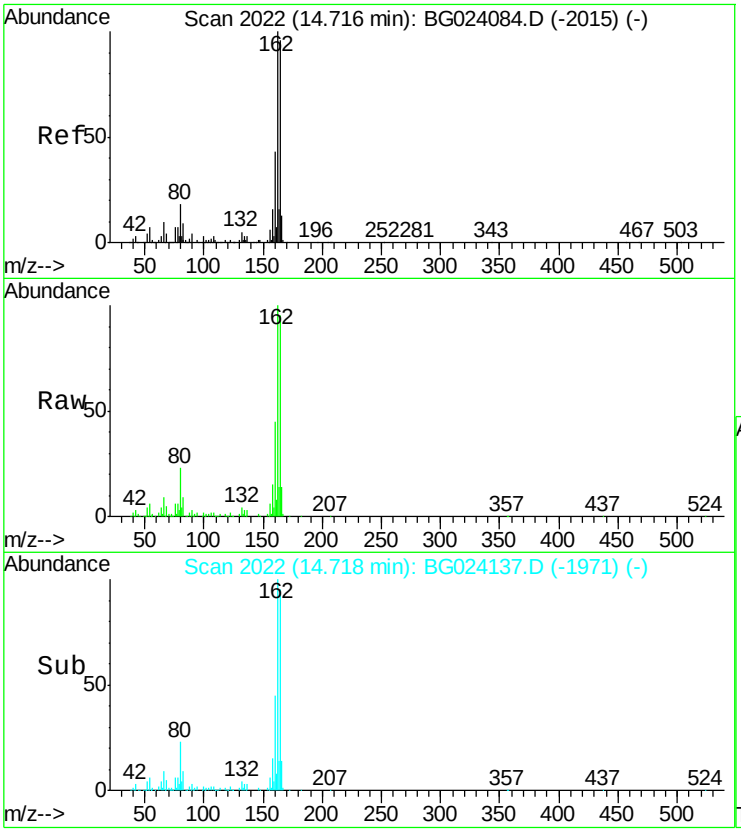


#32
Benzoic acid
Concen: 2.18 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.15 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:122 Resp: 70

Ion	Ratio	Lower	Upper
122	100		
105	118.0	117.2	157.2
77	0.0	109.2	149.2#



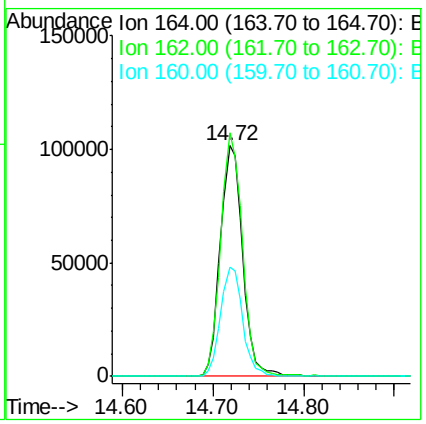


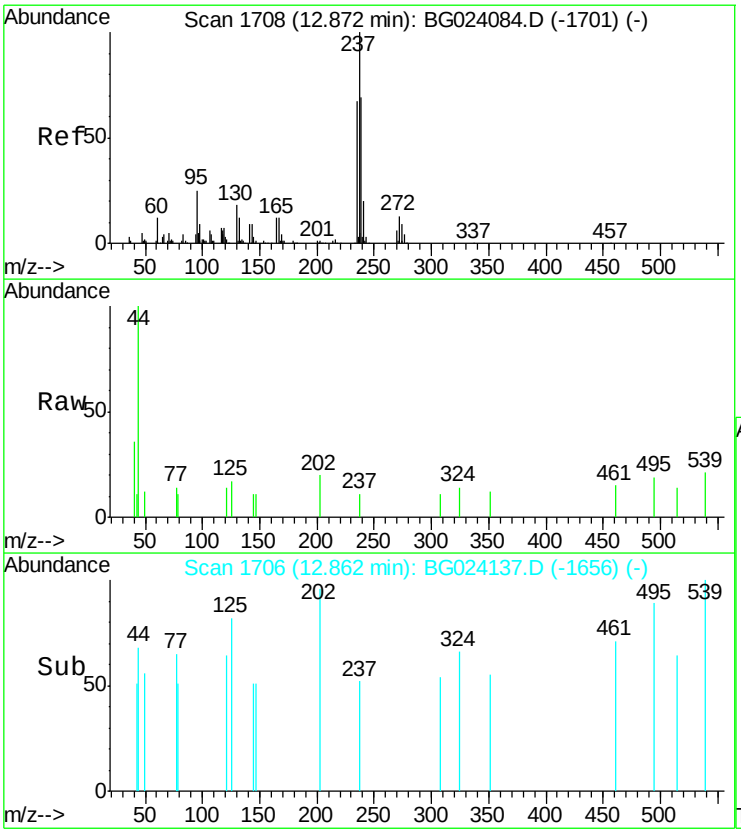
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 174230

Ion	Ratio	Lower	Upper
164	100		
162	105.6	87.7	131.5
160	47.6	37.2	55.8

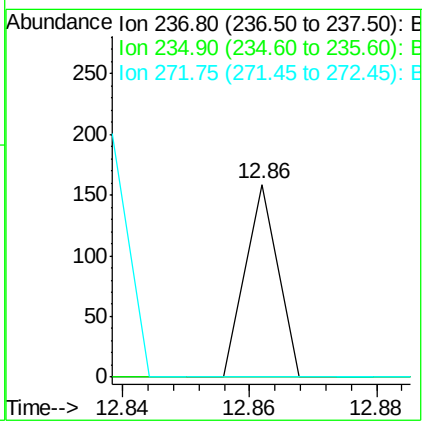


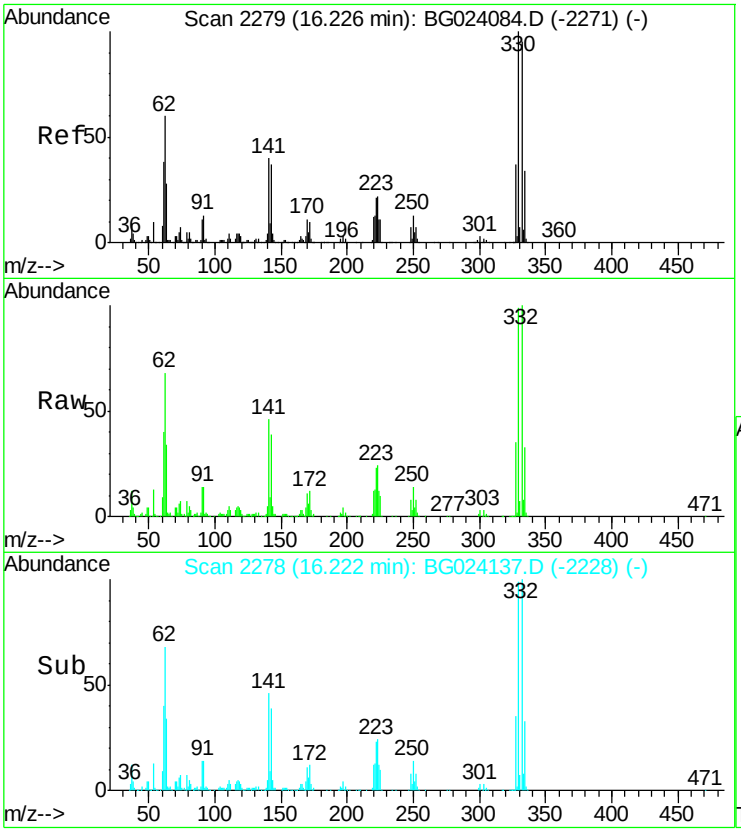


#40
Hexachlorocyclopentadiene
Concen: 3.61 ng
RT: 12.86 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:237 Resp: 56

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



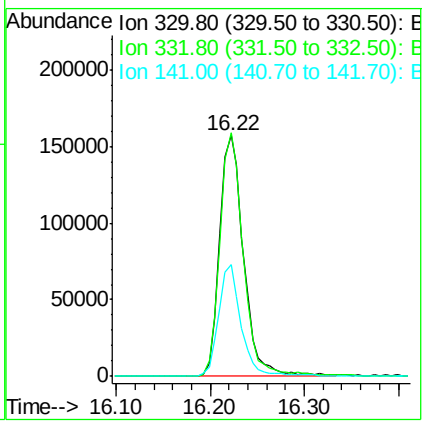


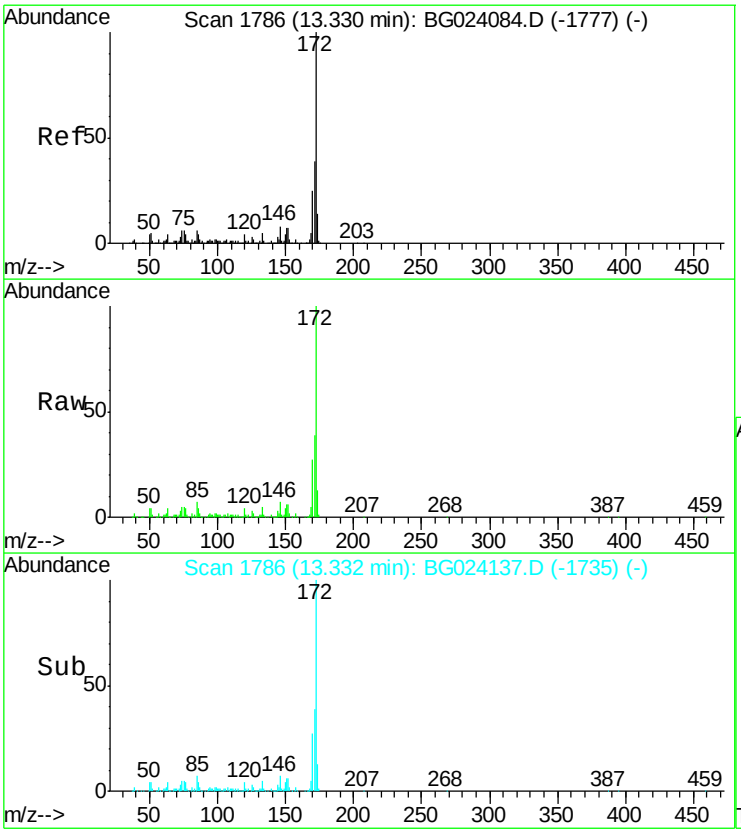
#41
2,4,6-Tribromophenol
Concen: 111.76 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 279880

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	43.1	31.7	47.5

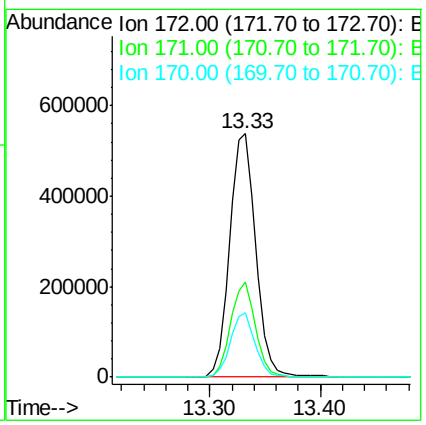


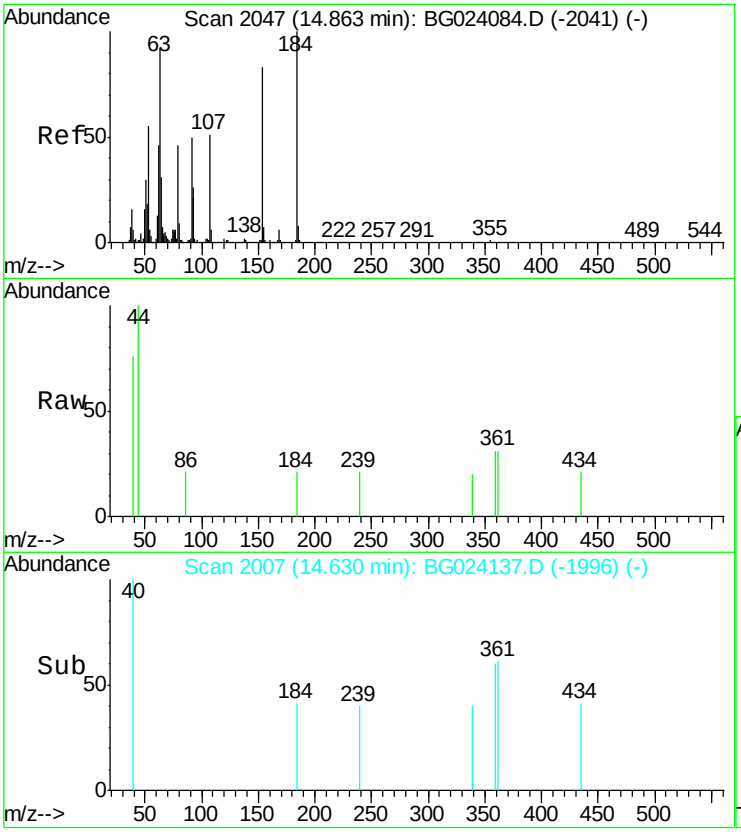


#44
2-Fluorobiphenyl
Concen: 86.02 ng
RT: 13.33 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:172 Resp: 891622

Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.6	47.4
170	26.6	21.3	31.9



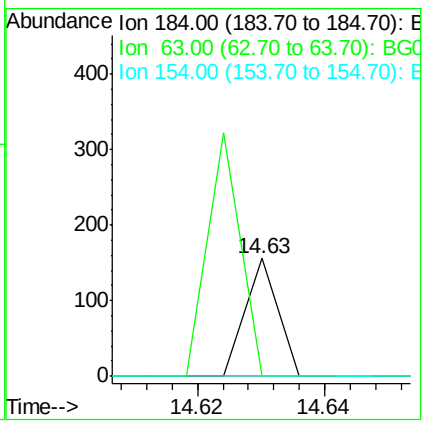


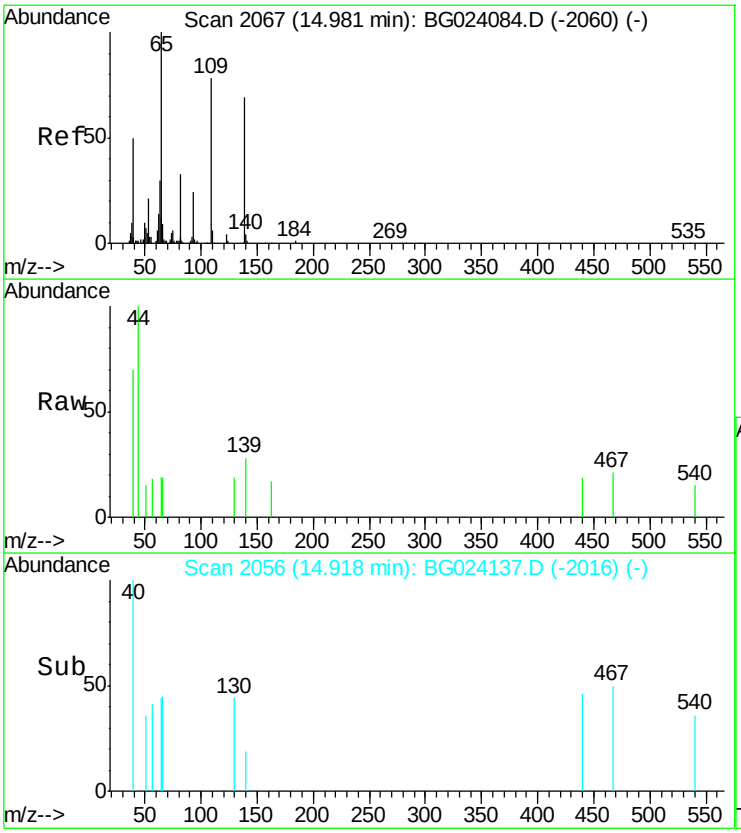
#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.23 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#

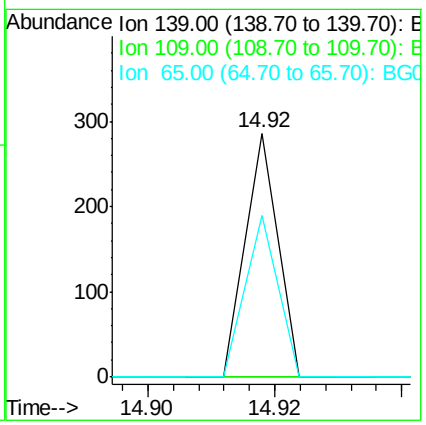


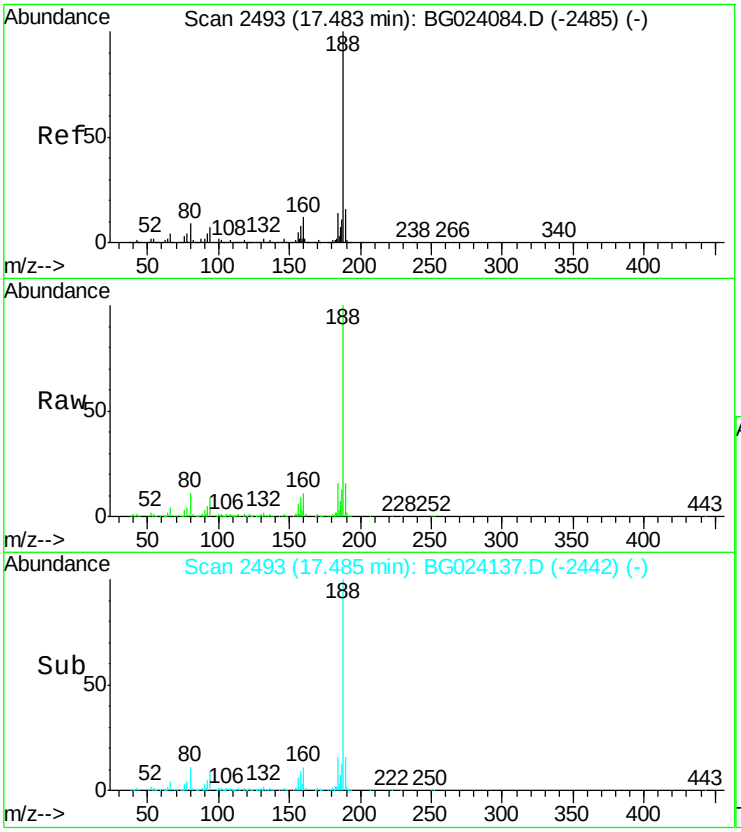


#55
4-Nitrophenol
Concen: 5.39 ng
RT: 14.92 min Scan# 2056
Delta R.T. -0.06 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:139 Resp: 101

Ion	Ratio	Lower	Upper
139	100		
109	0.0	103.0	143.0#
65	66.1	112.7	152.7#



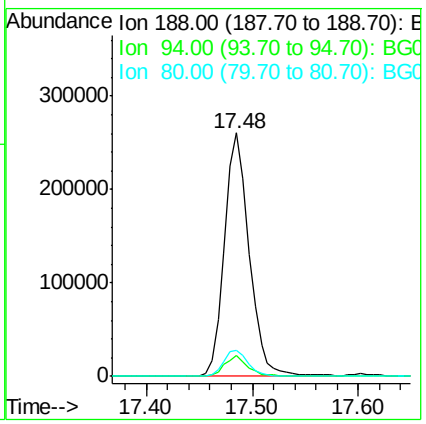


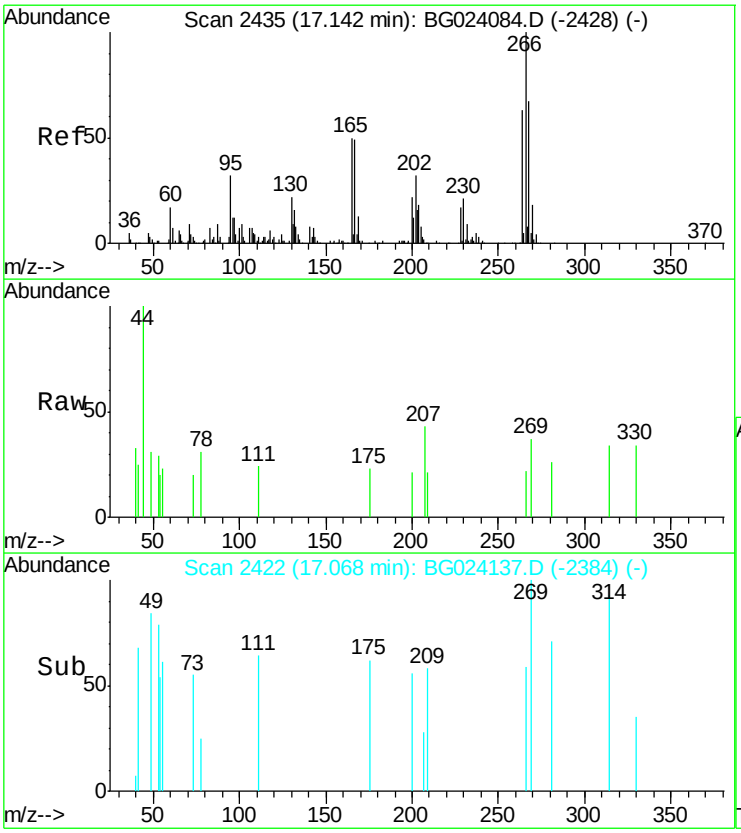
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 420633

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.2	7.8#
80	10.8	7.2	10.8#

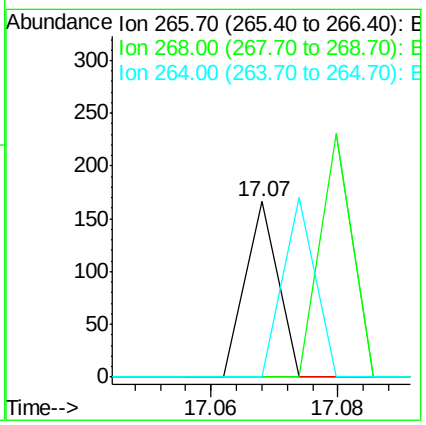


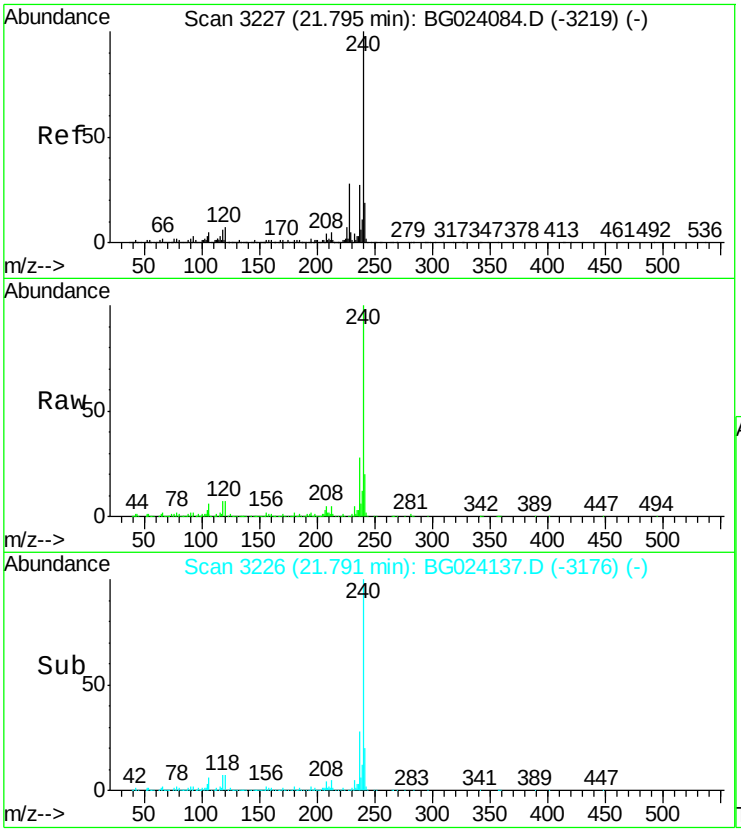


#69
Pentachlorophenol
Concen: 3.58 ng
RT: 17.07 min Scan# 2422
Delta R.T. -0.07 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.9	77.9#
264	0.0	50.6	75.8#



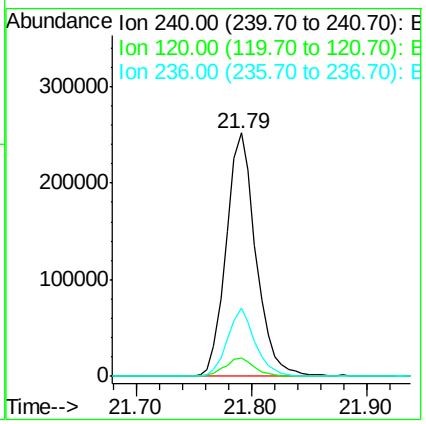


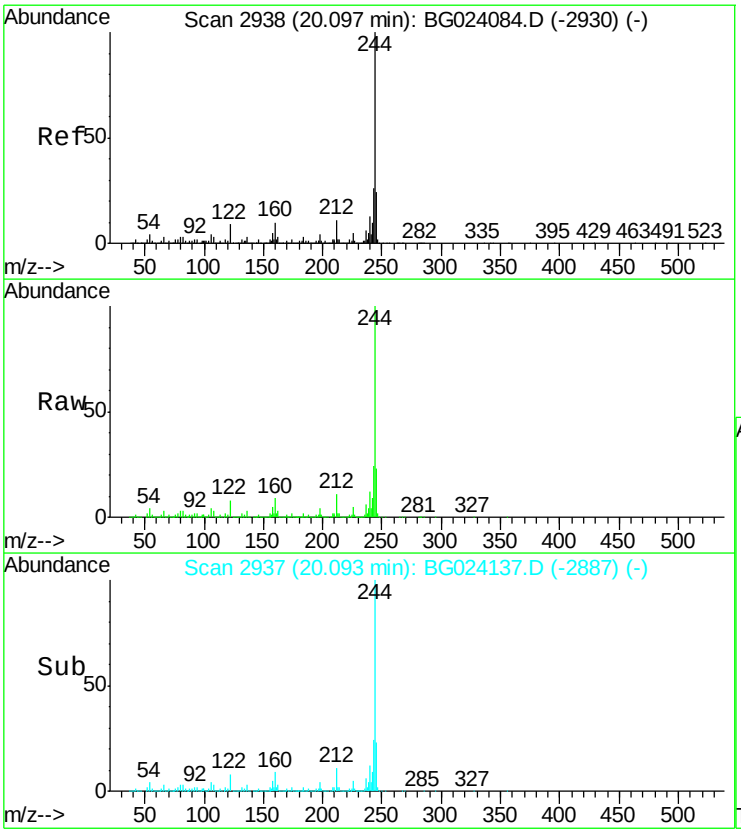
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 449356

Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.1	6.1#
236	28.2	21.1	31.7

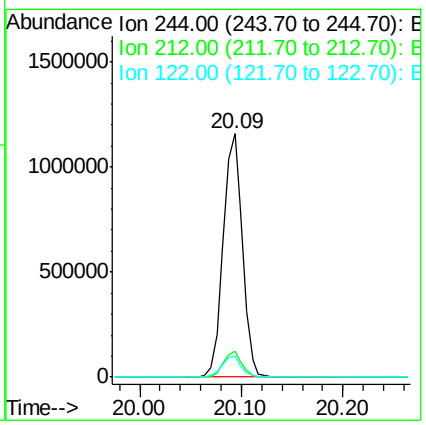


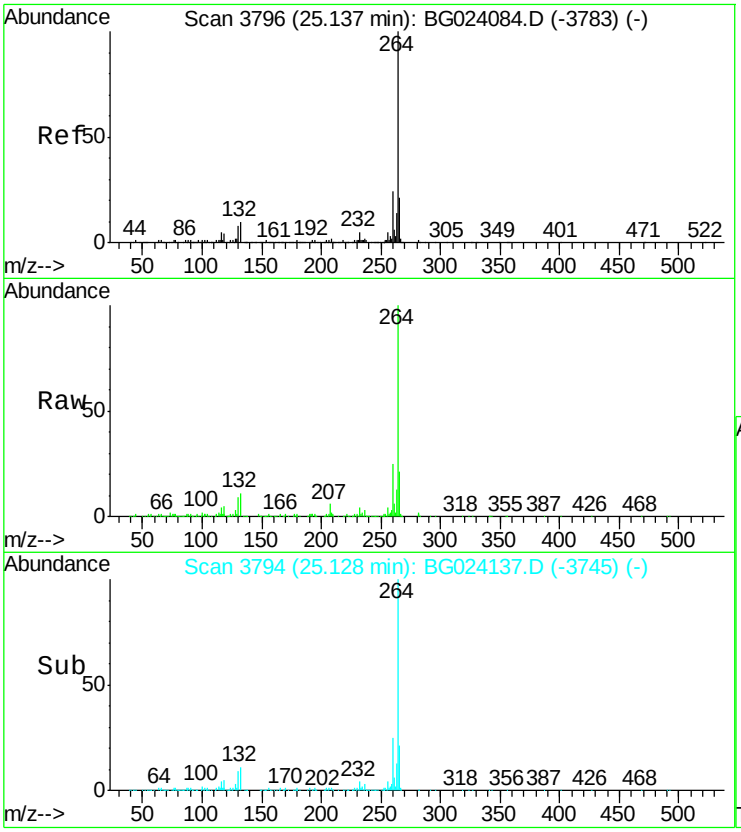


#78
Terphenyl-d14
Concen: 69.22 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Tgt Ion:244 Resp: 1519084

Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	8.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024137.D
Acq: 26 Sep 2016 11:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 428512

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	20.8	18.9	28.3