Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024113.D
Acq On : 24 Sep 2016 7:33
Operator : UM/SJ
Sample : H4893-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Time: Sep 26 00:48:32 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	44534	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	198026	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	162861	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	362781	20.00	ng	0.00
75) Chrysene-d12	21.79	240	412547	20.00	ng	0.00
86) Perylene-d12	25.12	264	407598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	189365	73.67	ng	0.00
7) Phenol-d6	7.21	99	184866	42.74	ng	0.00
23) Nitrobenzene-d5	9.22	82	516932	102.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	351775	150.27	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1022837	105.57	ng	0.00
78) Terphenyl-d14	20.09	244	1647777	81.79	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.03	122	58	2.18	ng	# 30
40) Hexachlorocyclopentadiene	12.91	237	85	3.63	ng	# 26
53) 2,4-Dinitrophenol	14.79	184	217	2.60	ng	# 10
55) 4-Nitrophenol	15.00	139	62	5.37	ng	# 1
69) Pentachlorophenol	17.17	266	61	3.59	ng	# 18

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024113.D
Acq On : 24 Sep 2016 7:33
Operator : UM/SJ
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Misc :
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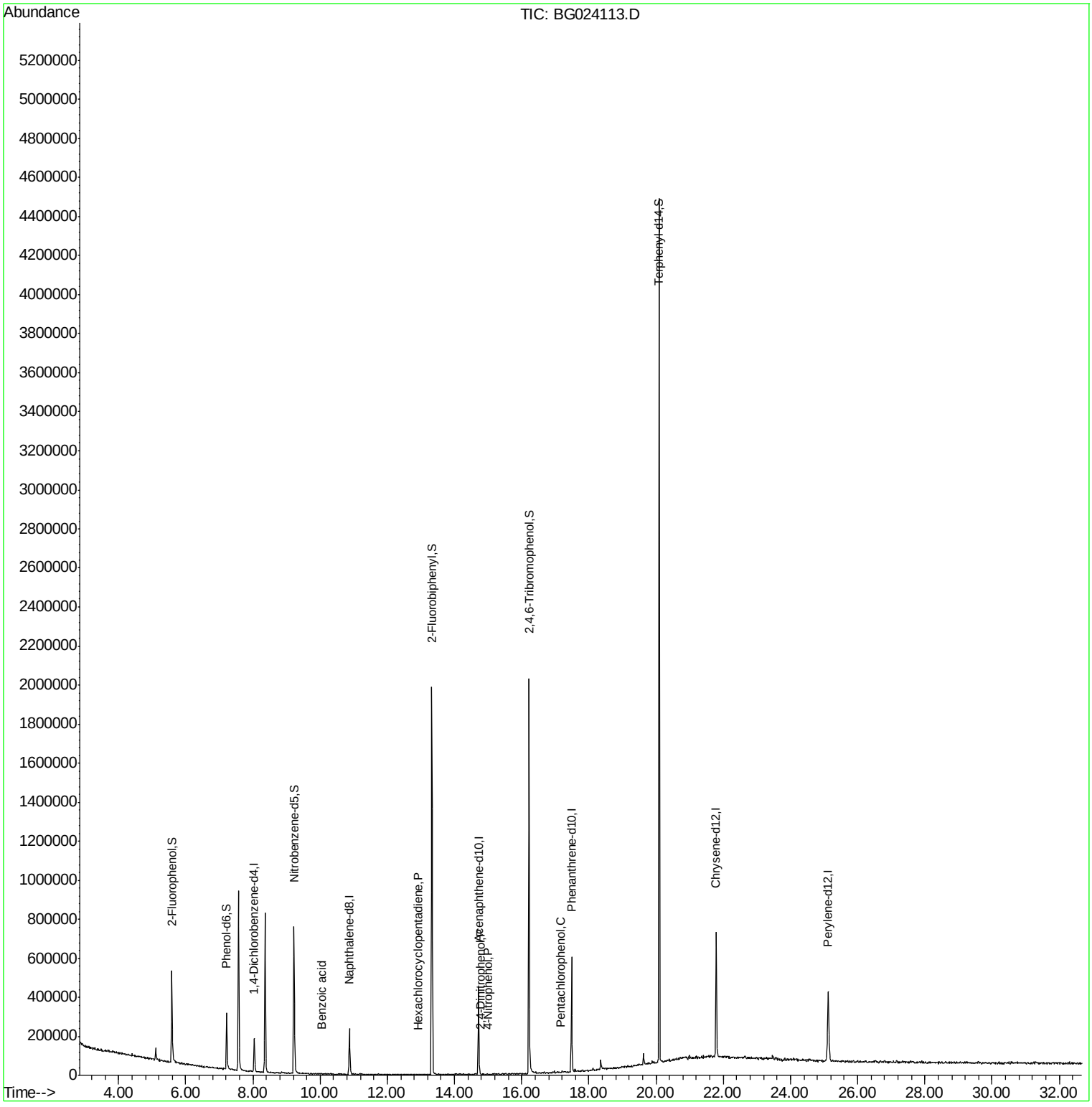
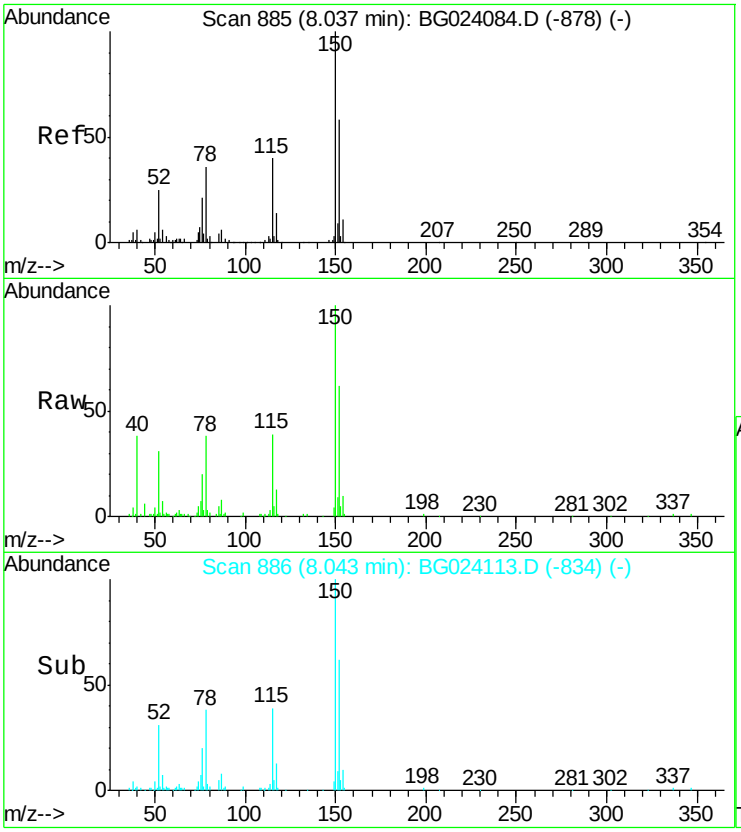


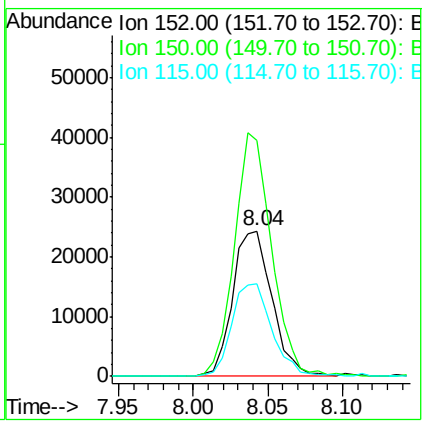


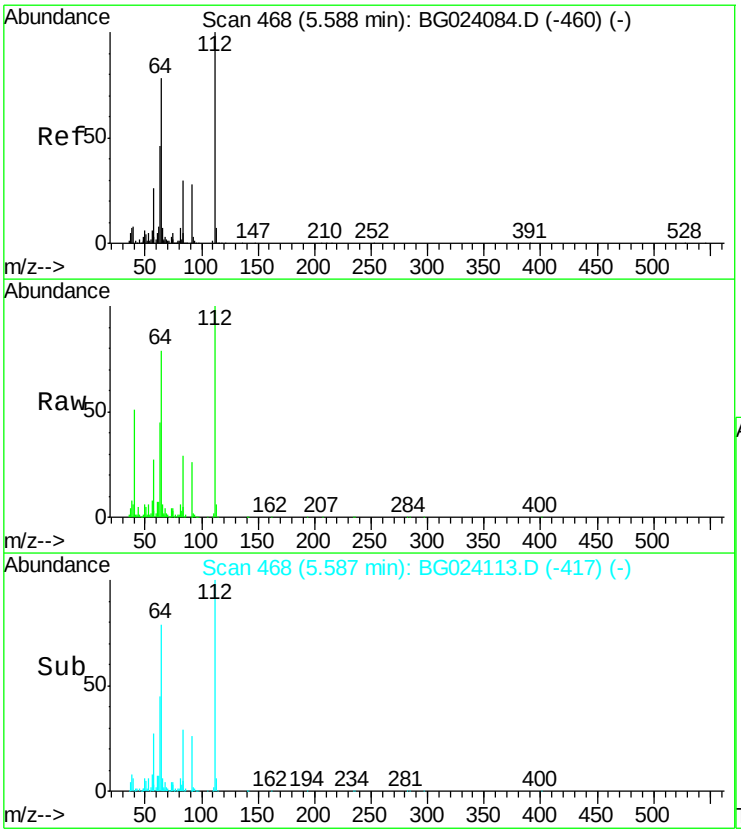
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 44534

Ion	Ratio	Lower	Upper
152	100		
150	162.1	144.7	217.1
115	63.9	64.0	96.0#

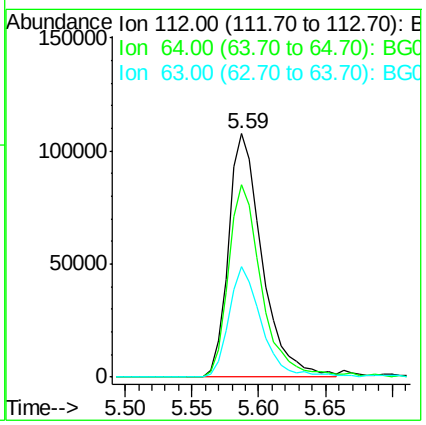


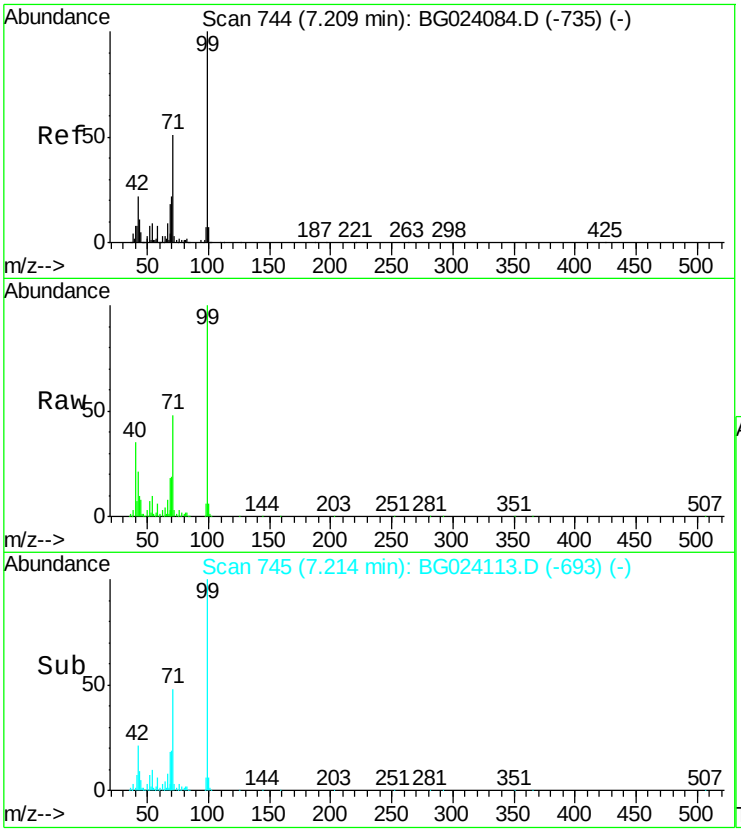


#5
2-Fluorophenol
Concen: 73.67 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:112 Resp: 189365

Ion	Ratio	Lower	Upper
112	100		
64	78.8	59.0	88.4
63	45.3	37.8	56.8



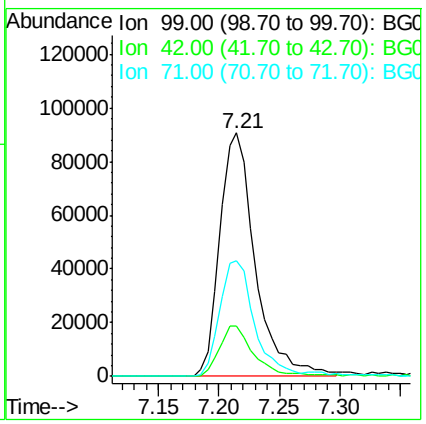


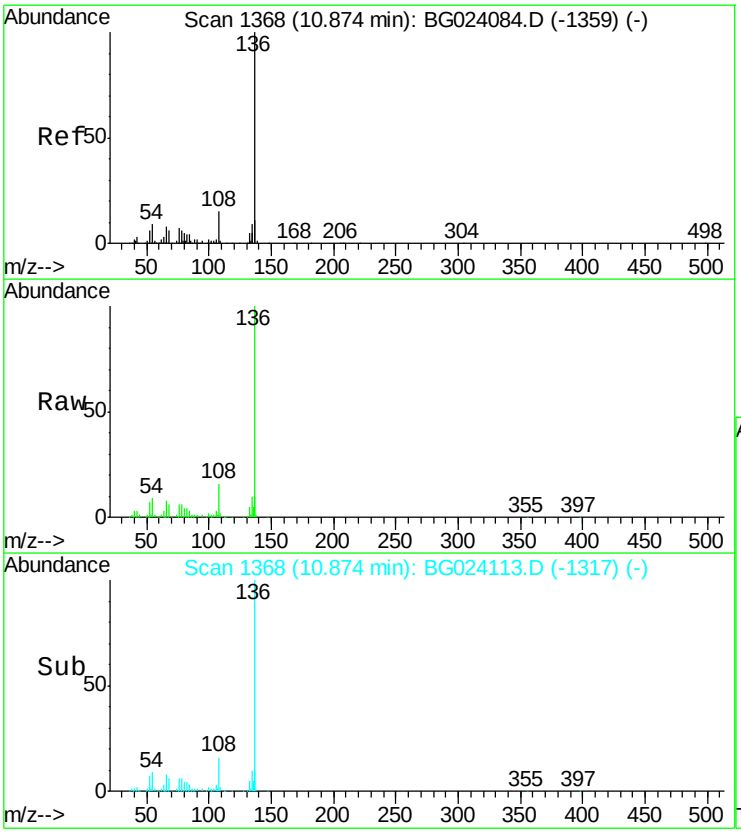
#7
Phenol-d6
Concen: 42.74 ng
RT: 7.21 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 184866

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.8	26.6
71	47.6	41.5	62.3

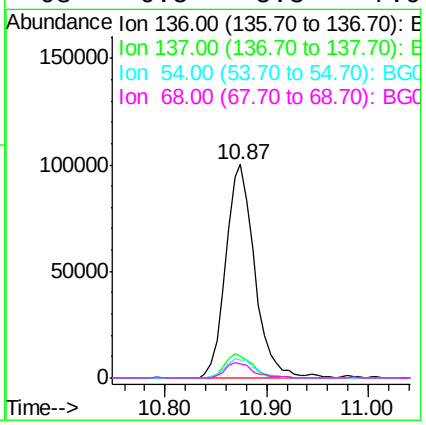


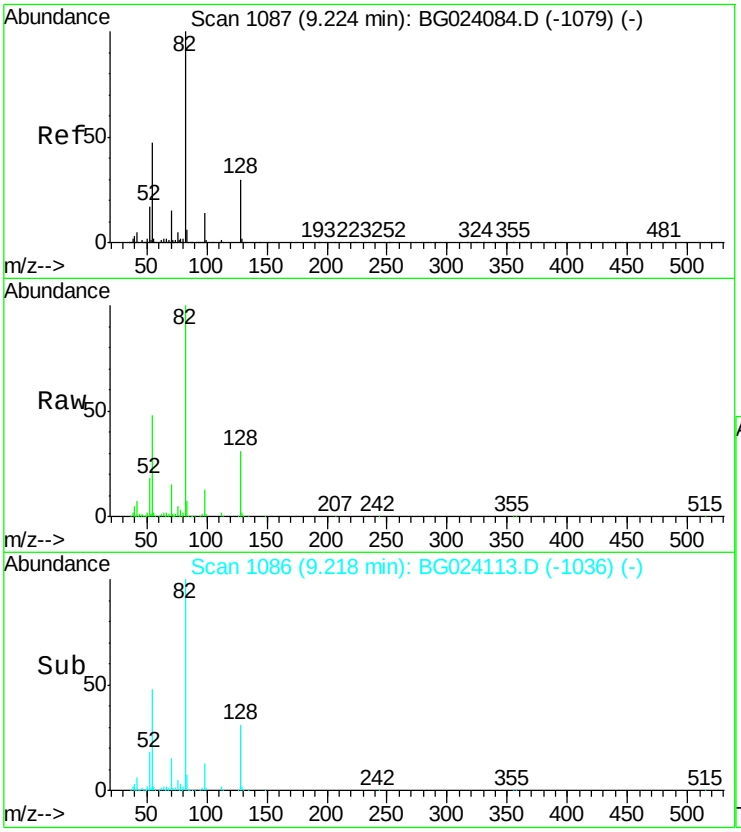


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:136 Resp: 198026

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.6	14.4
54	8.6	7.3	10.9
68	6.5	5.3	7.9



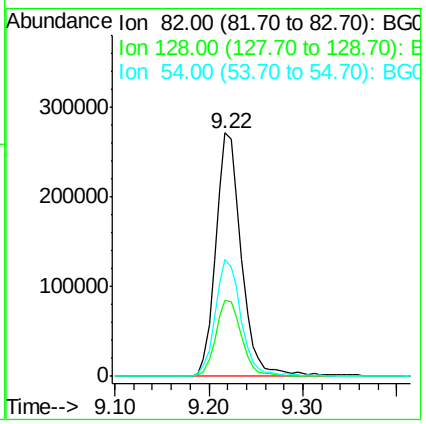


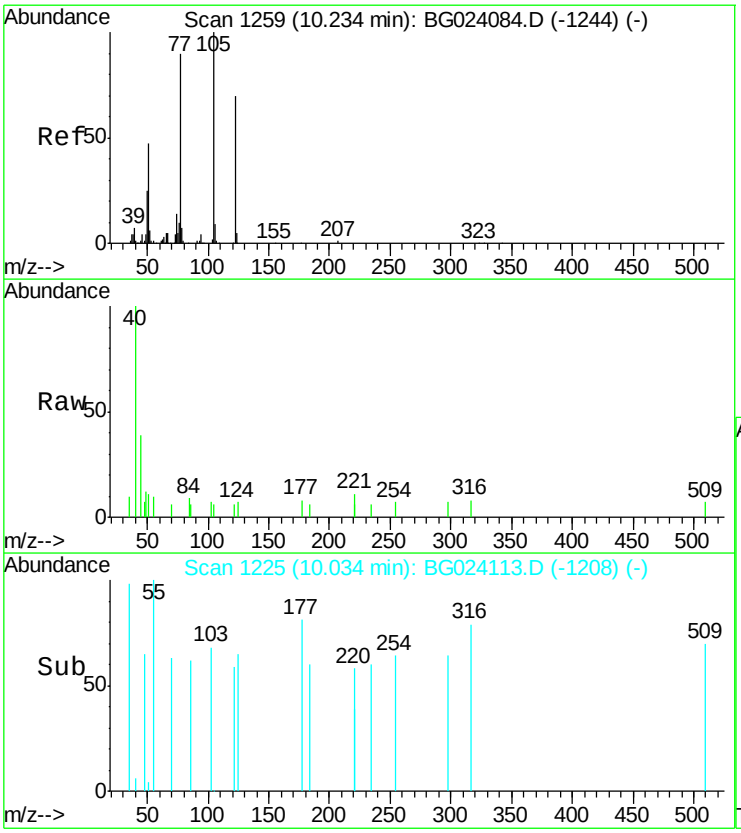
#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion: 82 Resp: 516932

Ion	Ratio	Lower	Upper
82	100		
128	31.2	24.4	36.6
54	48.3	41.4	62.0

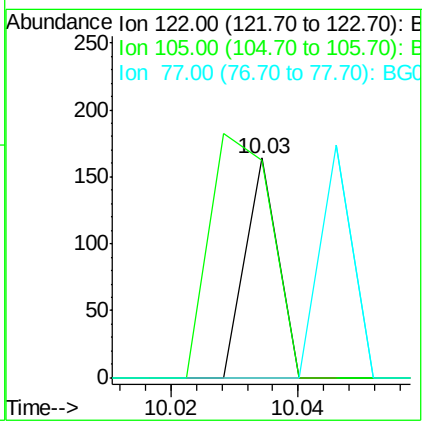


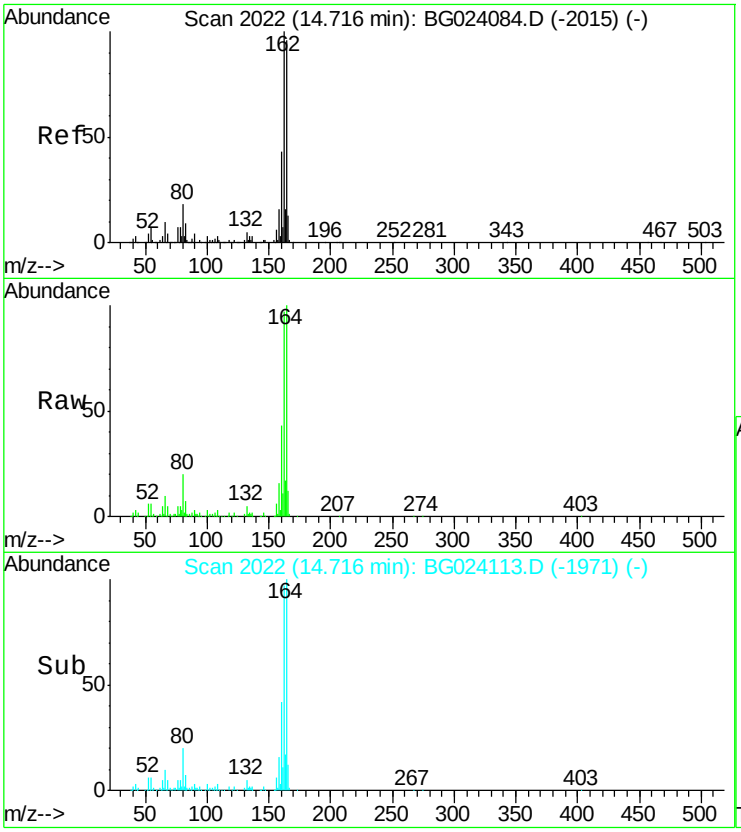


#32
Benzoic acid
Concen: 2.18 ng
RT: 10.03 min Scan# 1225
Delta R.T. -0.20 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:122 Resp: 58

Ion	Ratio	Lower	Upper
122	100		
105	98.8	117.2	157.2#
77	0.0	109.2	149.2#



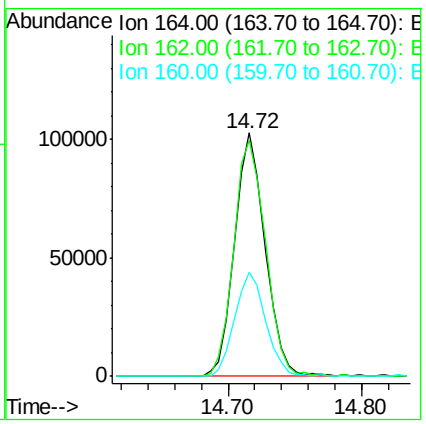


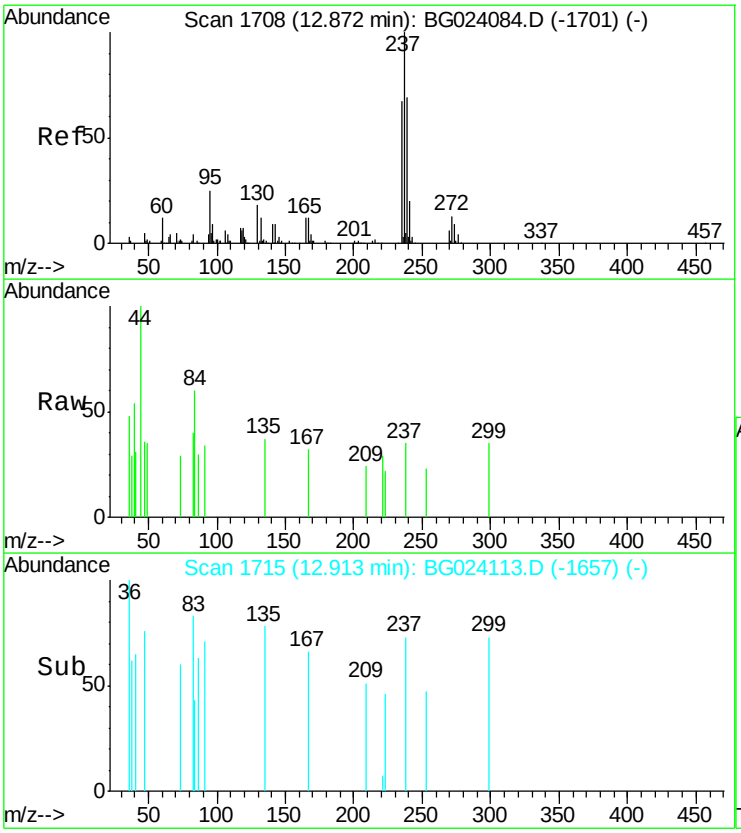
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:164 Resp: 162861

Ion	Ratio	Lower	Upper
164	100		
162	97.1	87.7	131.5
160	42.7	37.2	55.8

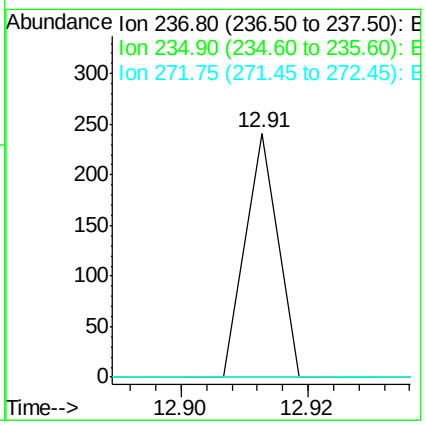


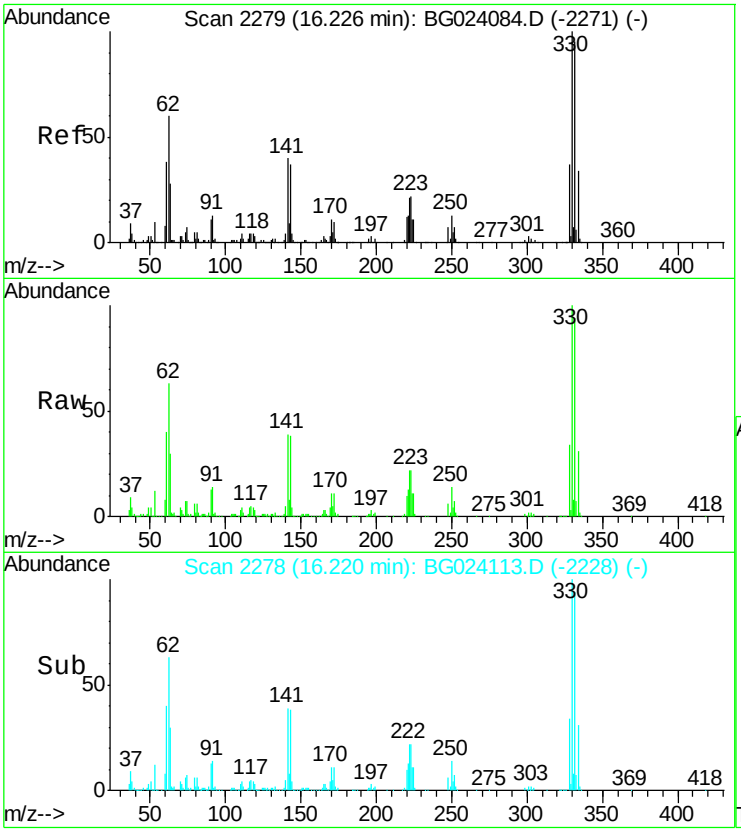


#40
Hexachlorocyclopentadiene
Concen: 3.63 ng
RT: 12.91 min Scan# 1715
Delta R.T. 0.04 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:237 Resp: 85

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



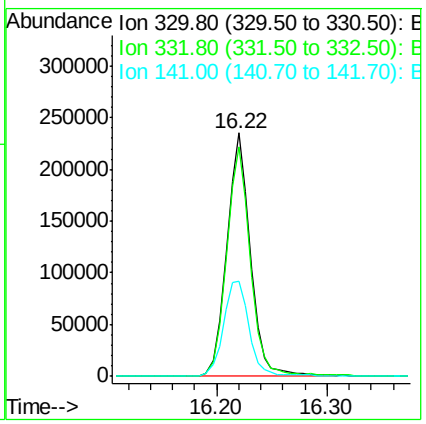


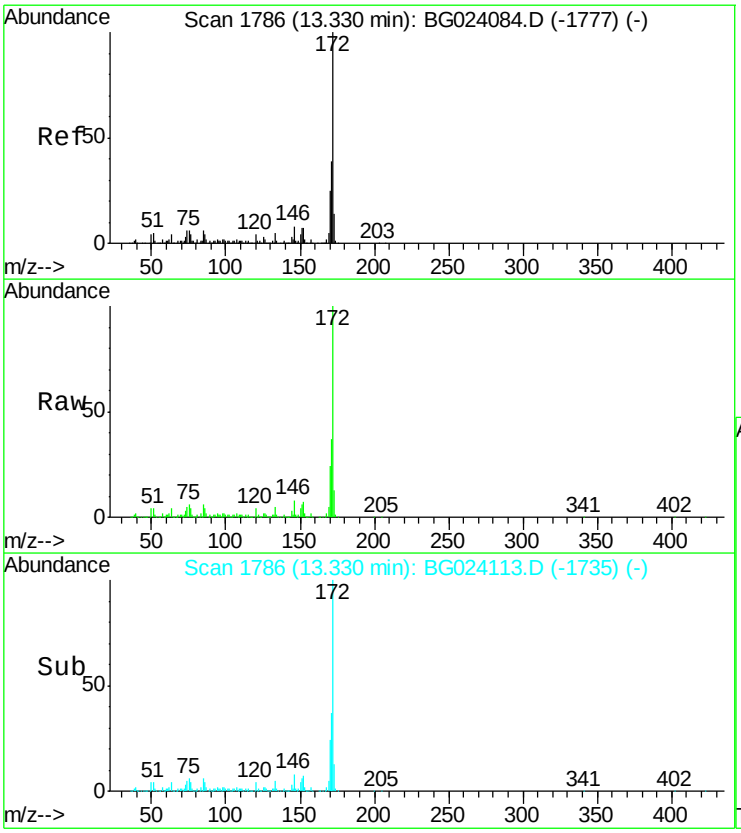
#41
2,4,6-Tribromophenol
Concen: 150.27 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:330 Resp: 351775

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.4	116.2
141	42.6	31.7	47.5

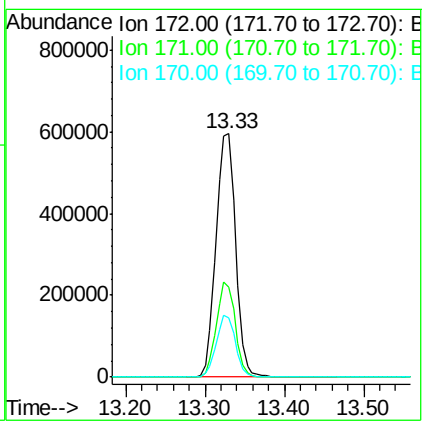


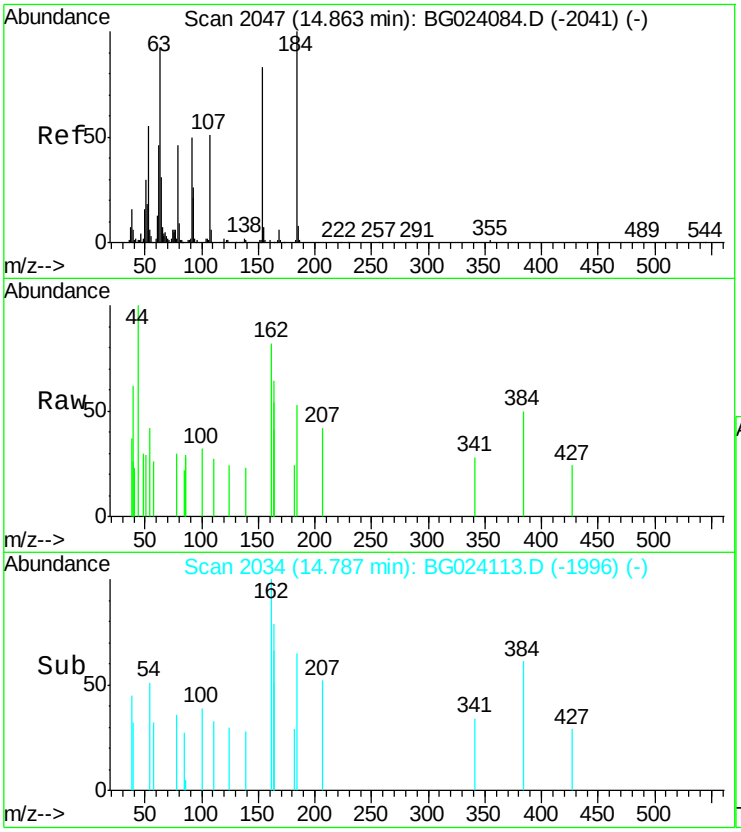


#44
2-Fluorobiphenyl
Concen: 105.57 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:172 Resp: 1022837

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	24.4	21.3	31.9



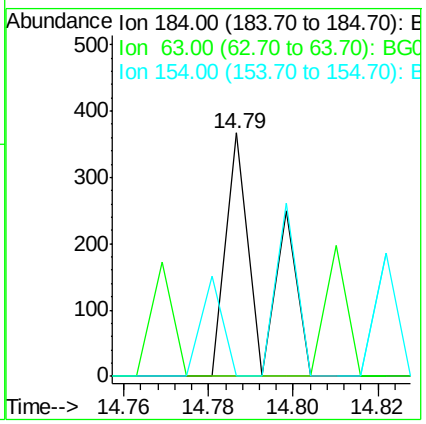


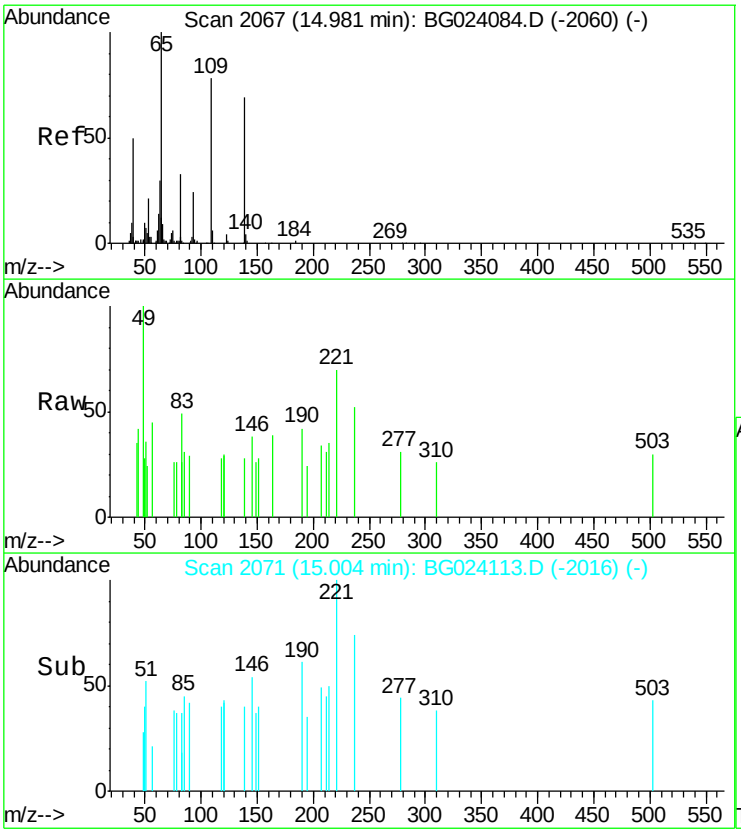
#53
2,4-Dinitrophenol
Concen: 2.60 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.08 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:184 Resp: 217

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

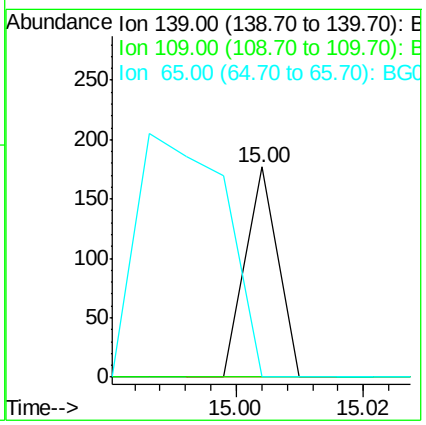


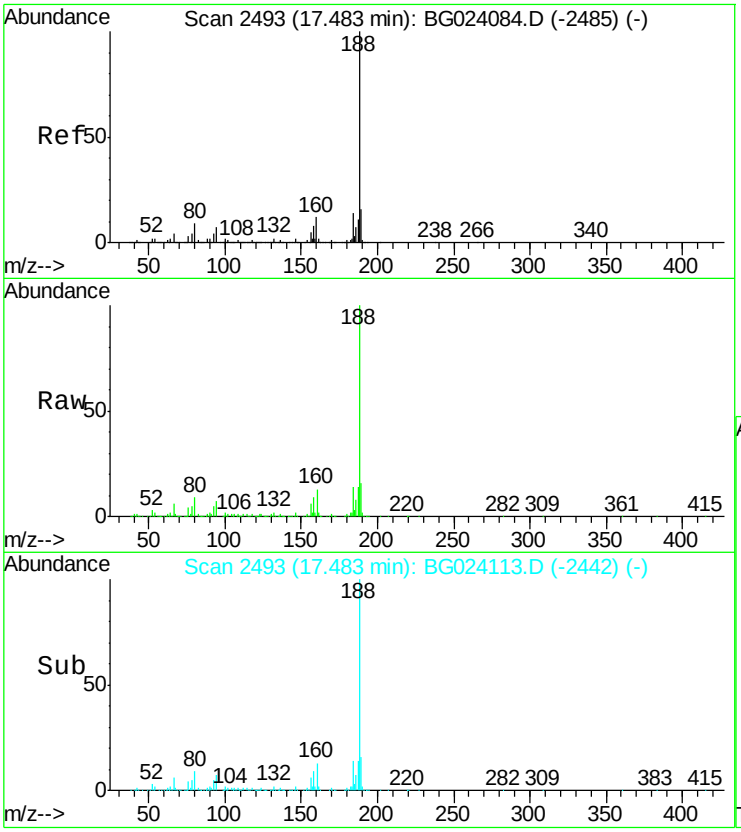


#55
4-Nitrophenol
Concen: 5.37 ng
RT: 15.00 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:139 Resp: 62

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



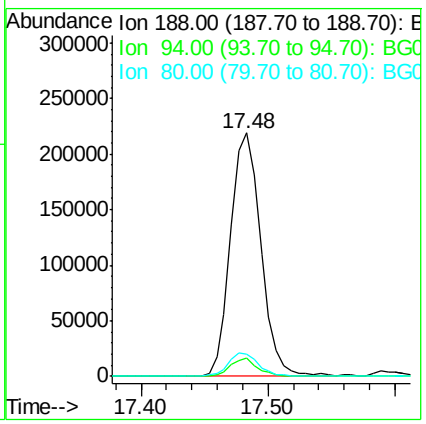


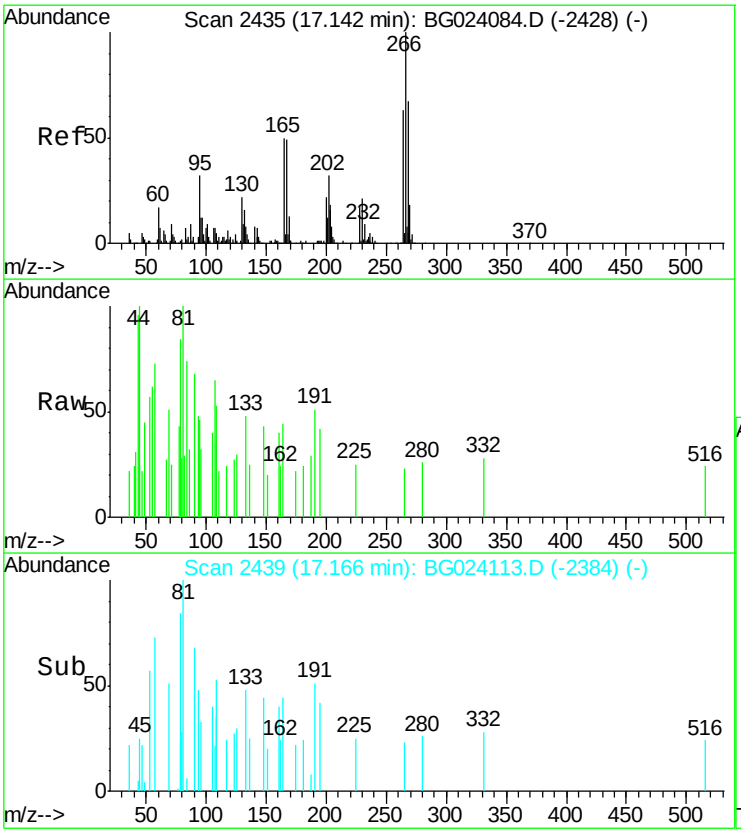
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 362781

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	9.3	7.2	10.8

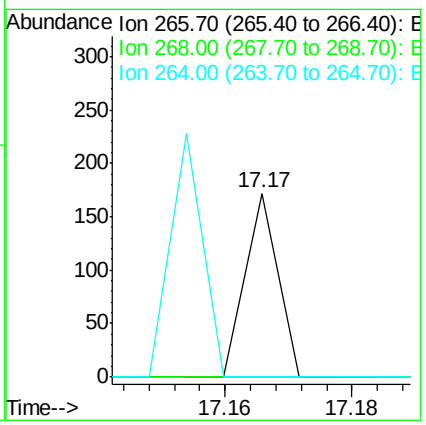


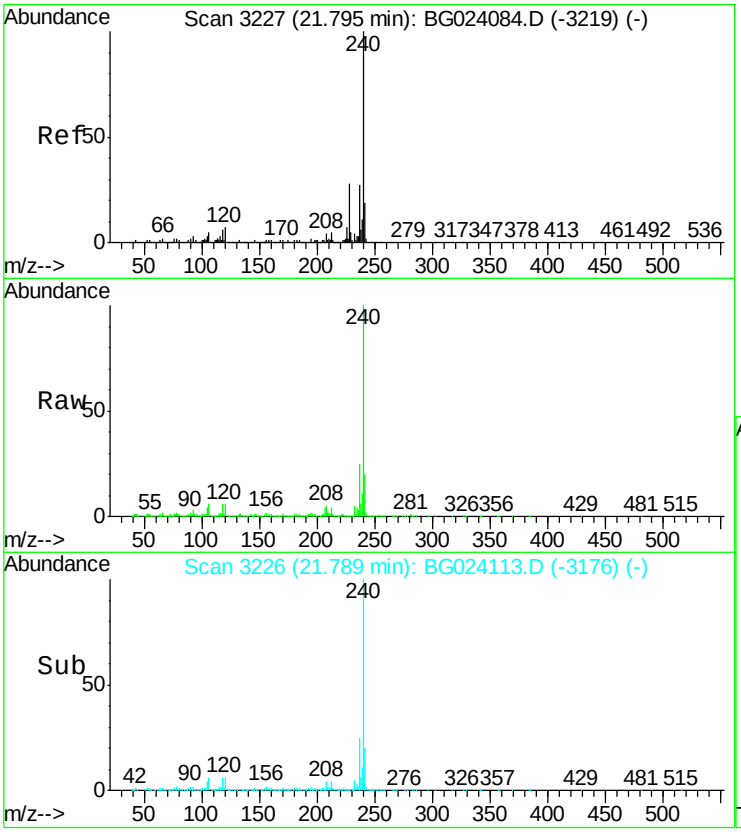


#69
Pentachlorophenol
Concen: 3.59 ng
RT: 17.17 min Scan# 2439
Delta R.T. 0.02 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:266 Resp: 61

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



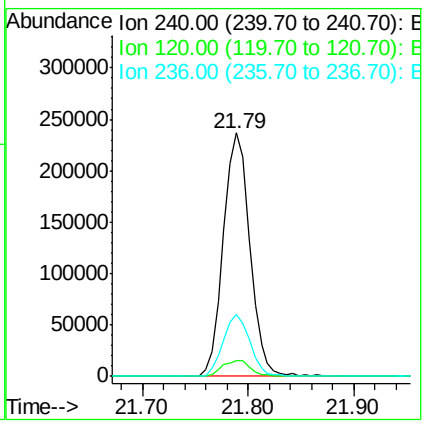


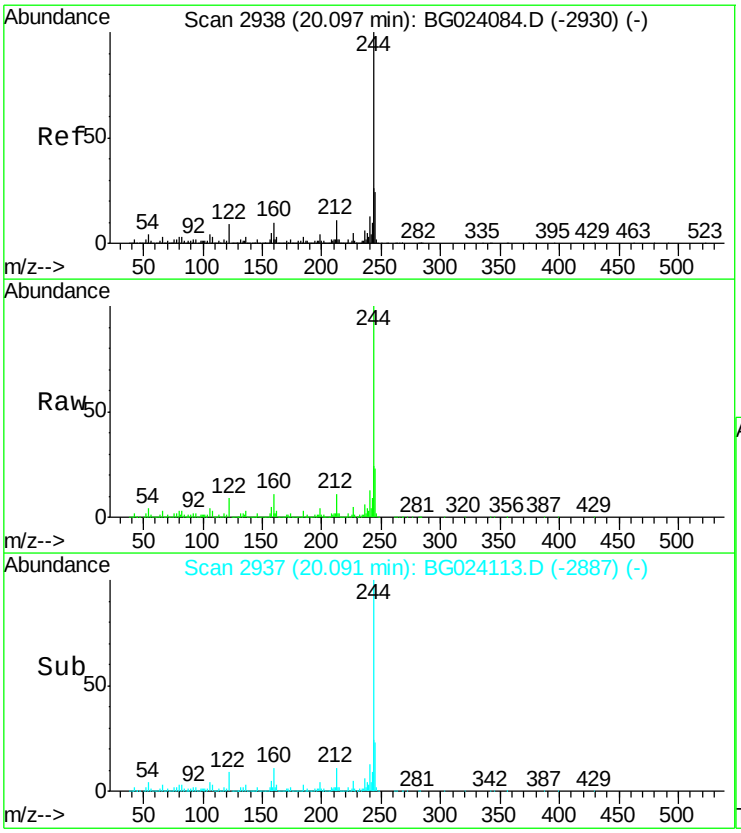
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:240 Resp: 412547

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.1	6.1#
236	25.5	21.1	31.7

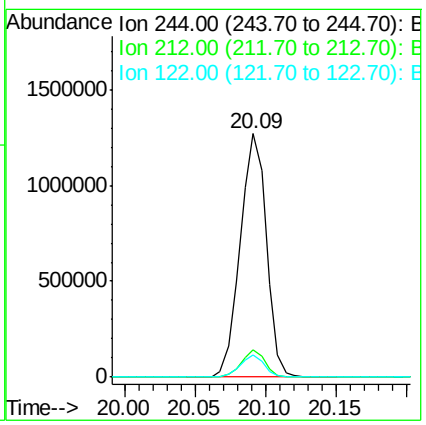


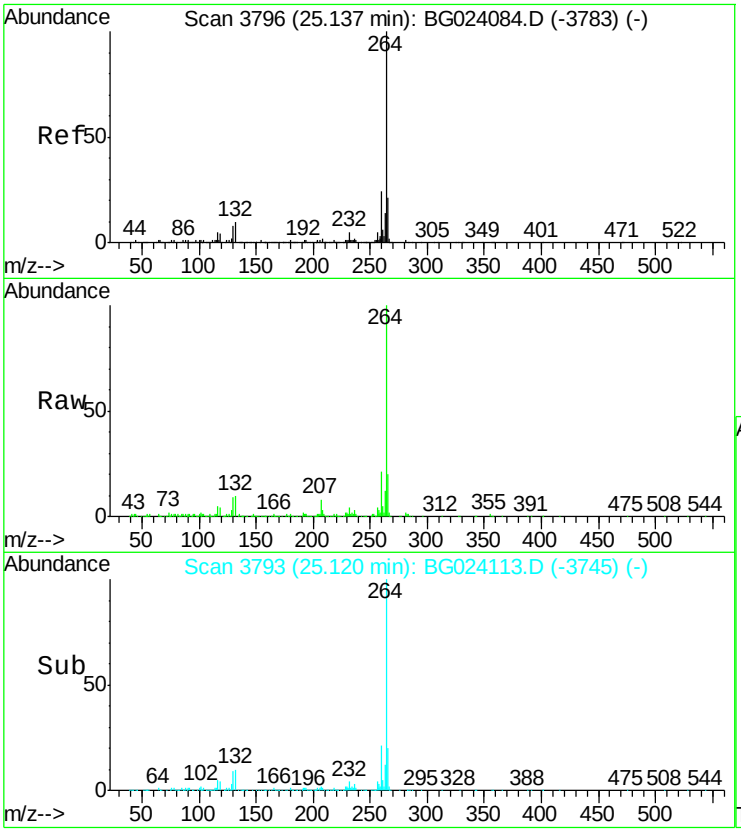


#78
Terphenyl-d14
Concen: 81.79 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Tgt Ion:244 Resp: 1647777

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.8	16.2
122	9.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024113.D
Acq: 24 Sep 2016 7:33

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:264 Resp: 407598

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.4	27.6
265	20.4	18.9	28.3