Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092616\
Data File : BG024139.D
Acq On : 26 Sep 2016 12:52
Operator : UM/SJ
Sample : H4887-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 26 14:58:21 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	49137	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	218283	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	175494	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	417076	20.00	ng	0.00
75) Chrysene-d12	21.79	240	448013	20.00	ng	0.00
86) Perylene-d12	25.13	264	428775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	409500	144.38	ng	0.00
7) Phenol-d6	7.21	99	576671	120.84	ng	0.00
23) Nitrobenzene-d5	9.22	82	469545	84.78	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	302405	119.88	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	927371	88.83	ng	0.00
78) Terphenyl-d14	20.09	244	1636963	74.82	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.11	122	91	2.19	ng	# 1
40) Hexachlorocyclopentadiene	12.70	237	95	3.63	ng	# 26
53) 2,4-Dinitrophenol	14.75	184	63	2.49	ng	# 10
55) 4-Nitrophenol	14.88	139	61	5.37	ng	# 1
69) Pentachlorophenol	17.15	266	120	3.60	ng	# 18

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092616\
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Misc :
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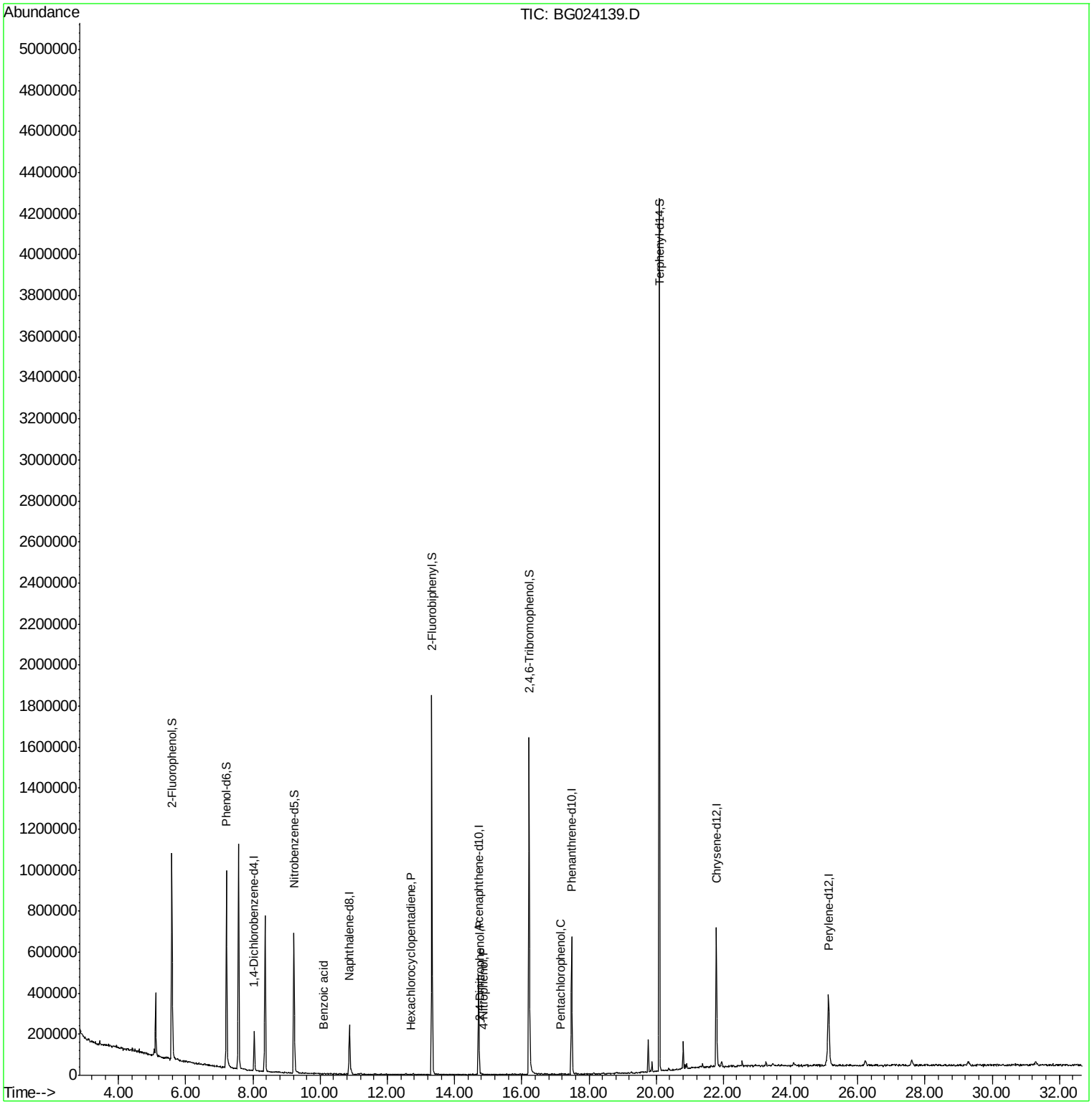
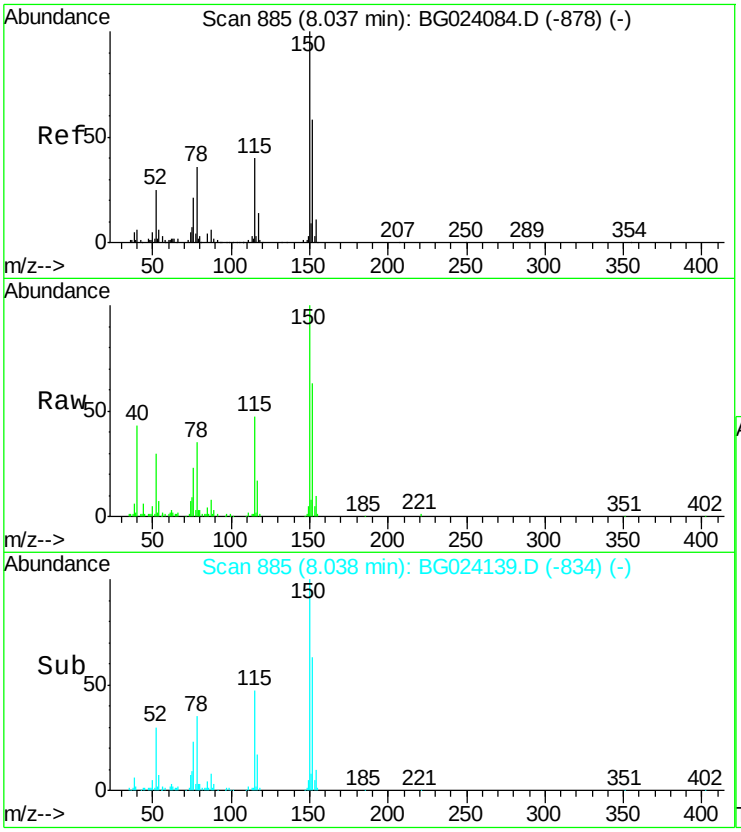


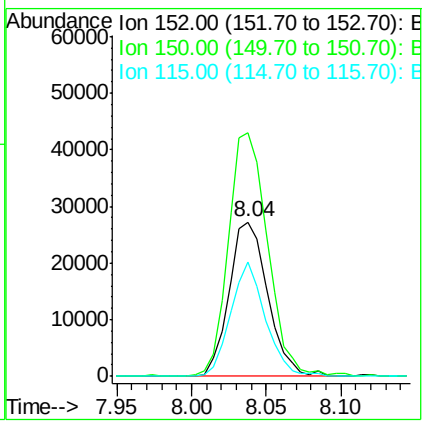


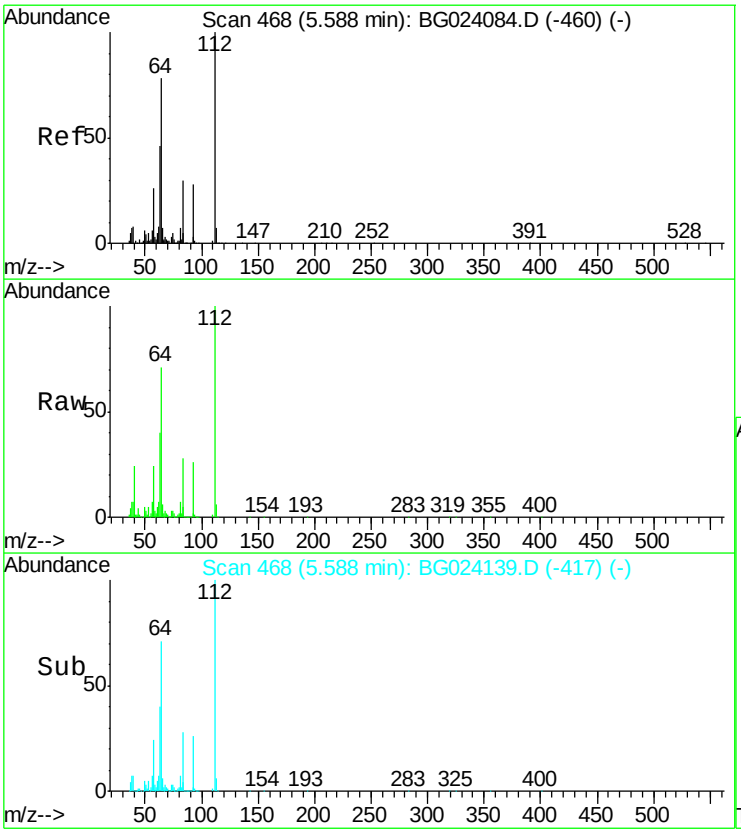
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 49137

Ion	Ratio	Lower	Upper
152	100		
150	157.6	144.7	217.1
115	73.7	64.0	96.0

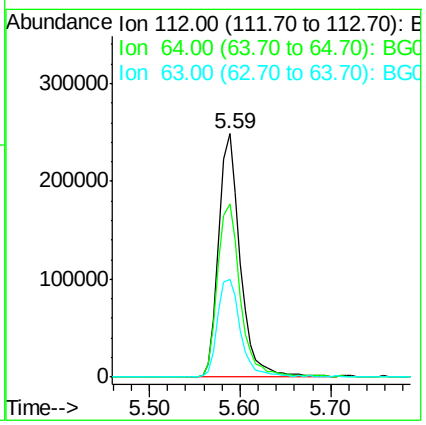


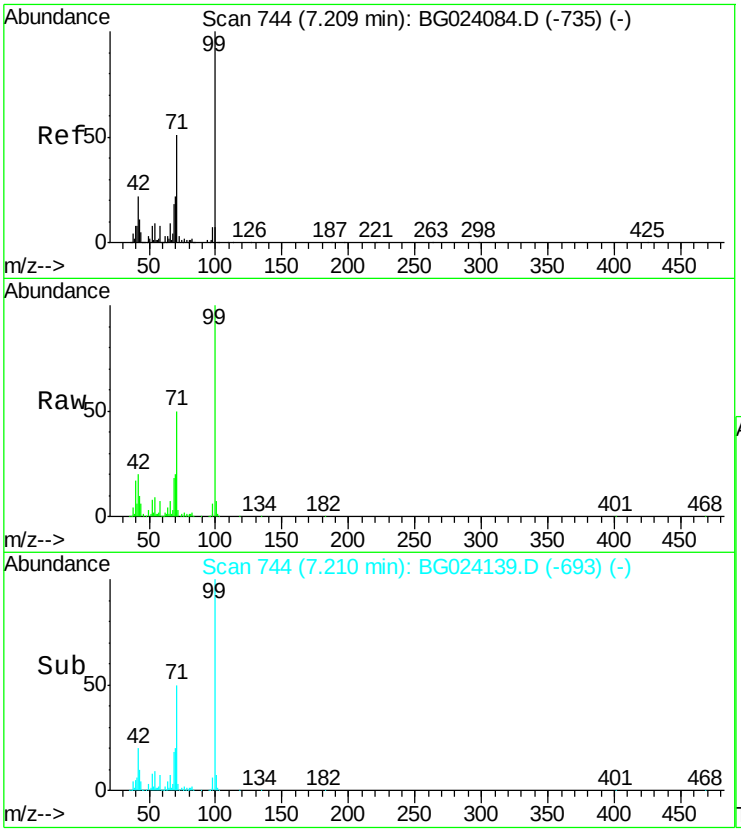


#5
2-Fluorophenol
Concen: 144.38 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:112 Resp: 409500

Ion	Ratio	Lower	Upper
112	100		
64	71.1	59.0	88.4
63	40.0	37.8	56.8



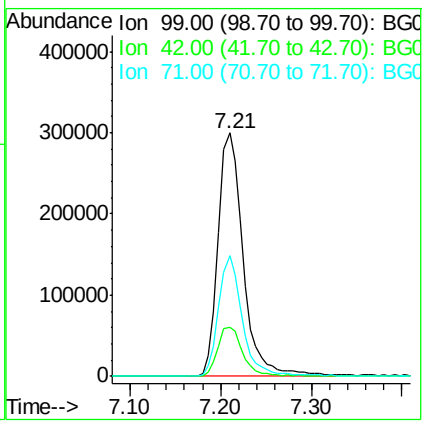


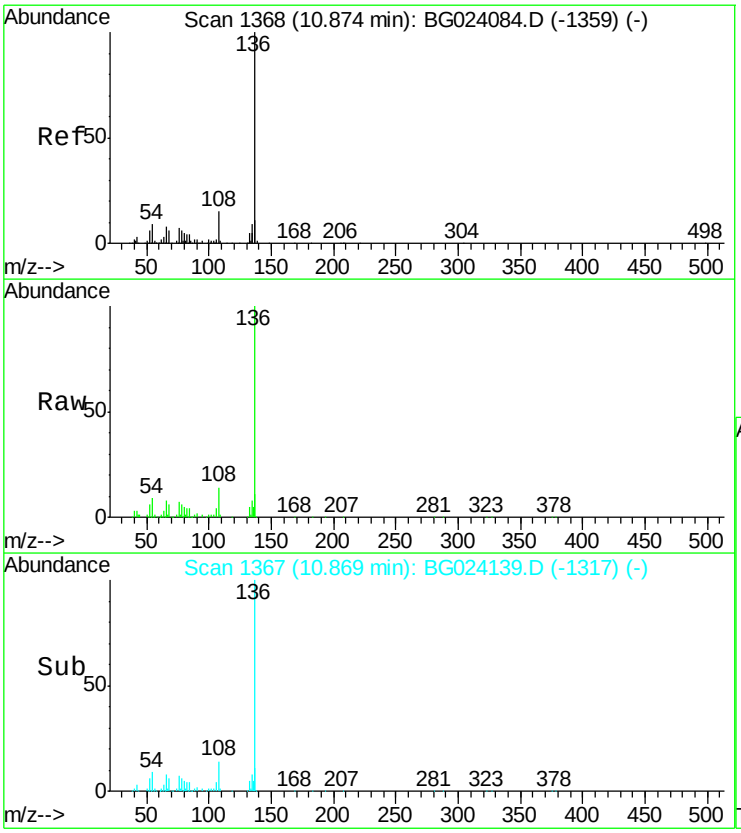
#7
Phenol-d6
Concen: 120.84 ng
RT: 7.21 min Scan# 744
Delta R.T. 0.00 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 576671

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	49.8	41.5	62.3

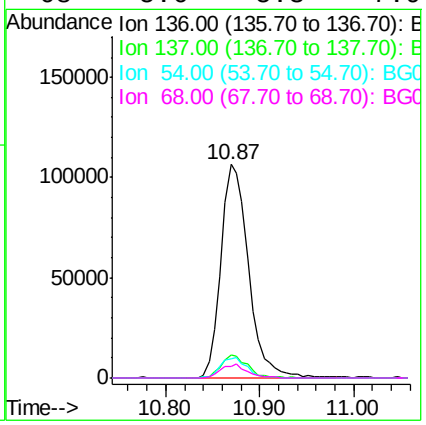


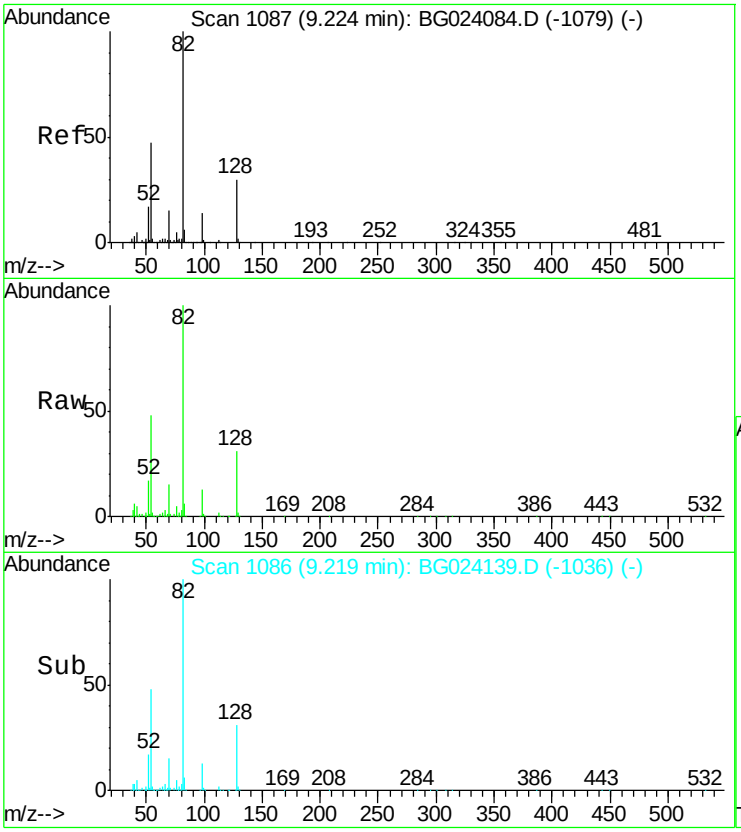


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:136 Resp: 218283

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.0	7.3	10.9
68	5.6	5.3	7.9



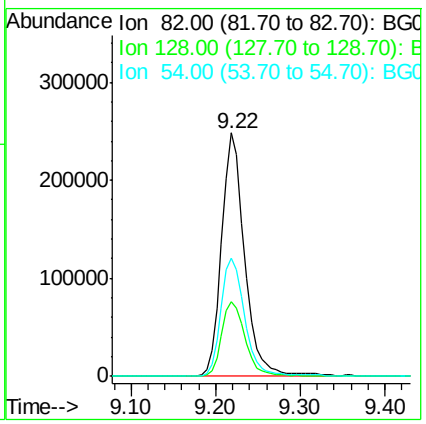


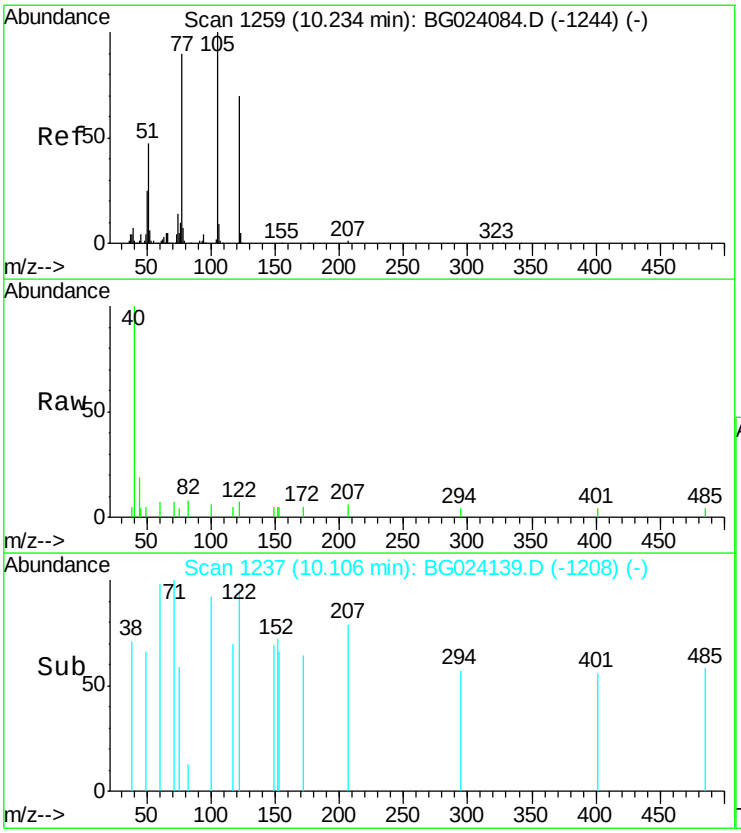
#23
Nitrobenzene-d5
Concen: 84.78 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 469545

Ion	Ratio	Lower	Upper
82	100		
128	30.6	24.4	36.6
54	48.4	41.4	62.0

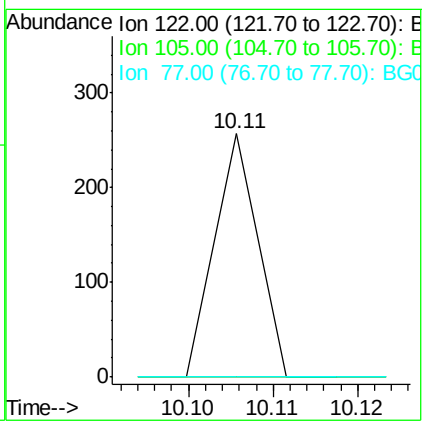


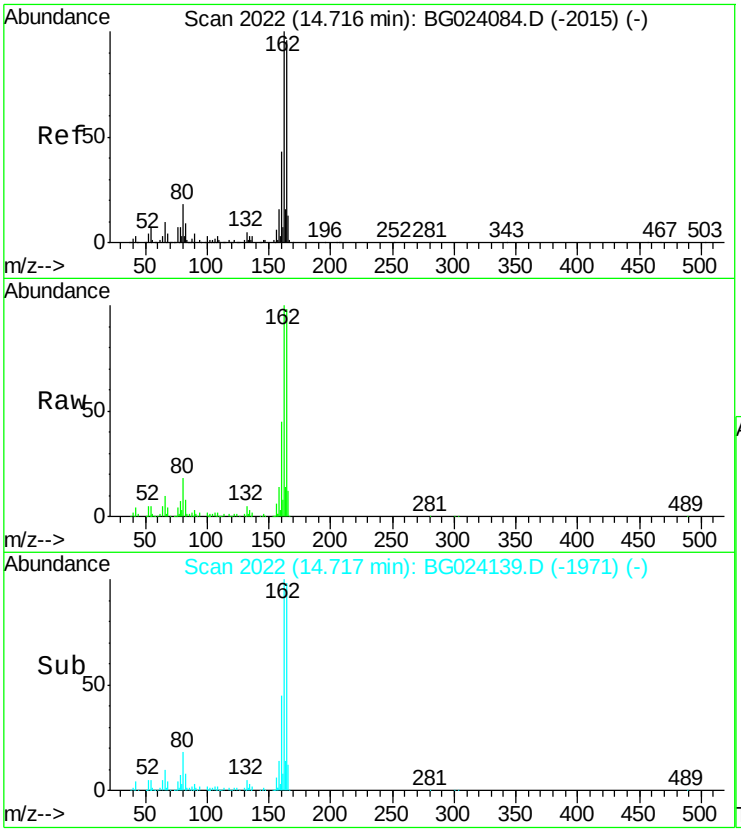


#32
Benzoic acid
Concen: 2.19 ng
RT: 10.11 min Scan# 1237
Delta R.T. -0.13 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:122 Resp: 91

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



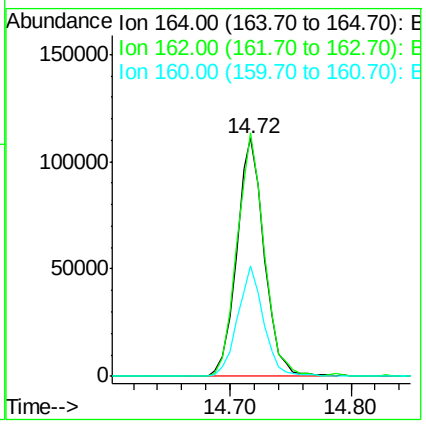


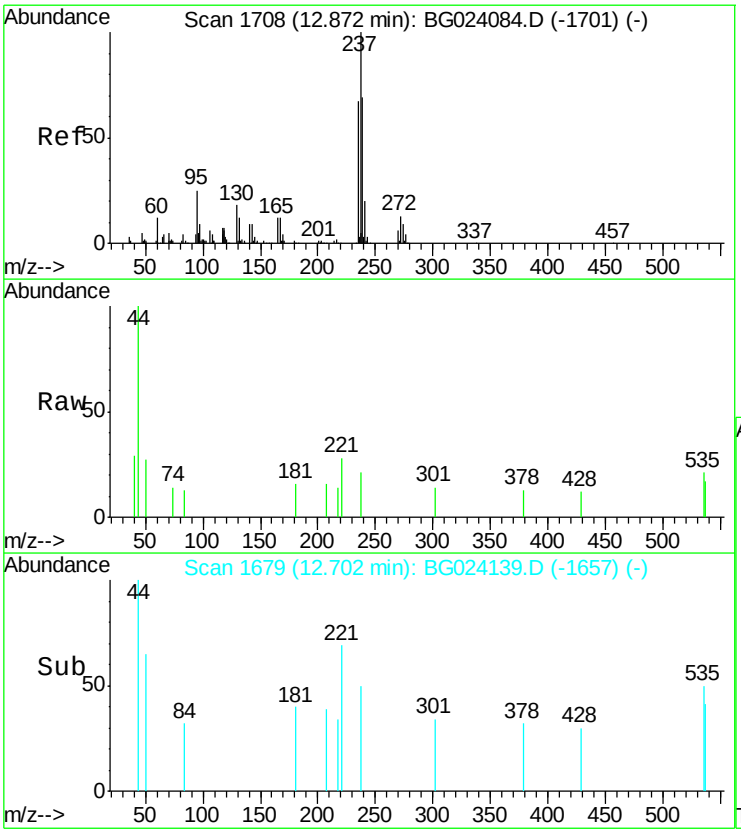
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 175494

Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	46.1	37.2	55.8

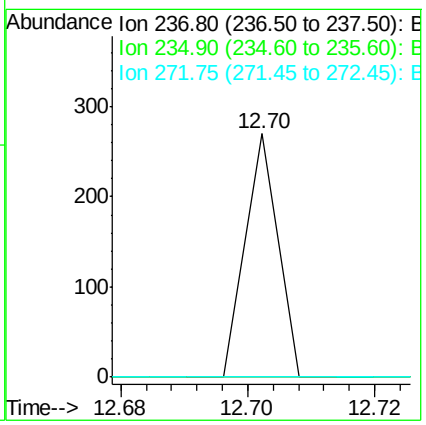


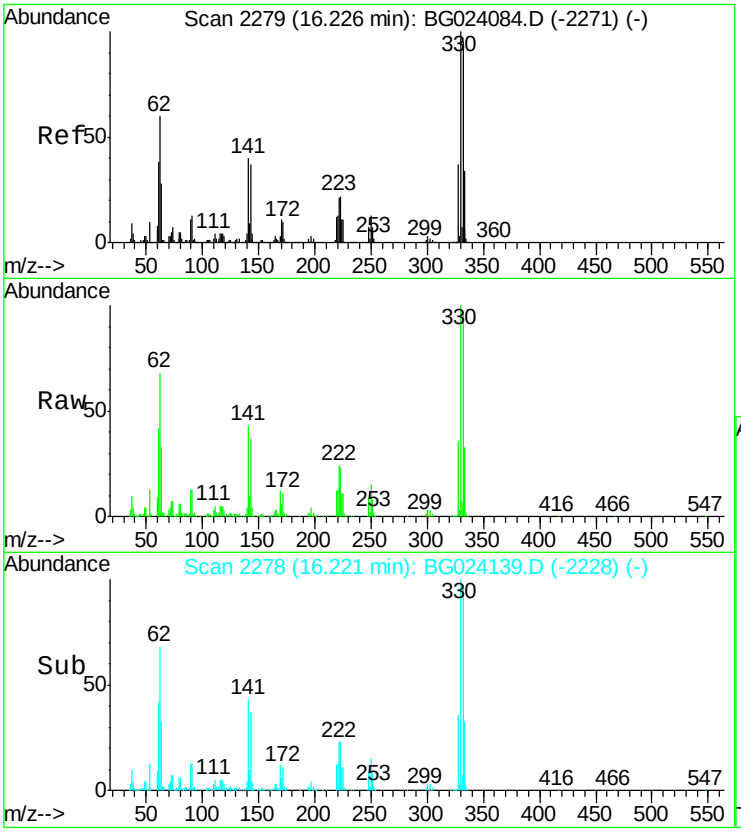


#40
Hexachlorocyclopentadiene
Concen: 3.63 ng
RT: 12.70 min Scan# 1679
Delta R.T. -0.17 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:237 Resp: 95

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



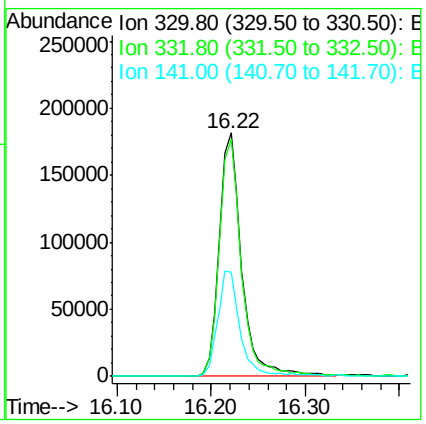


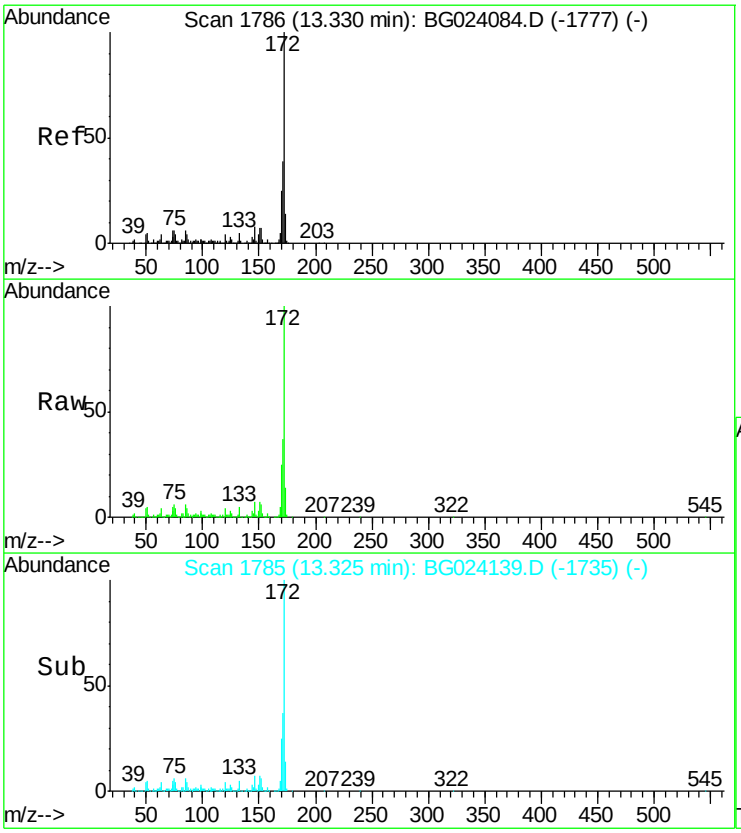
#41
2,4,6-Tribromophenol
Concen: 119.88 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 302405

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	43.3	31.7	47.5

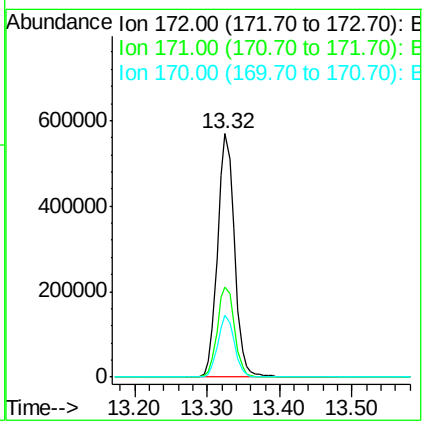


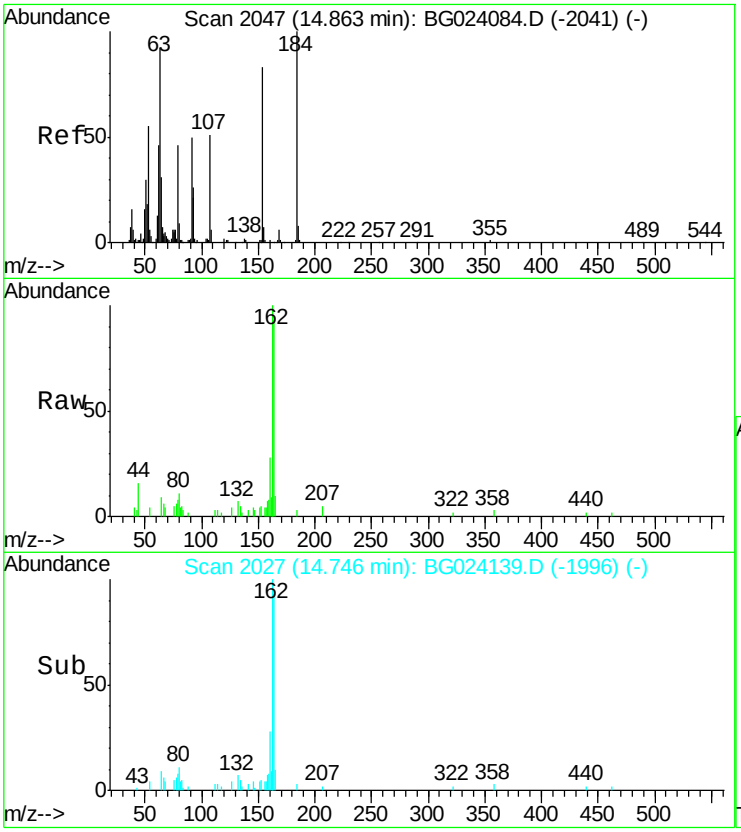


#44
2-Fluorobiphenyl
Concen: 88.83 ng
RT: 13.32 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:172 Resp: 927371

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	25.3	21.3	31.9



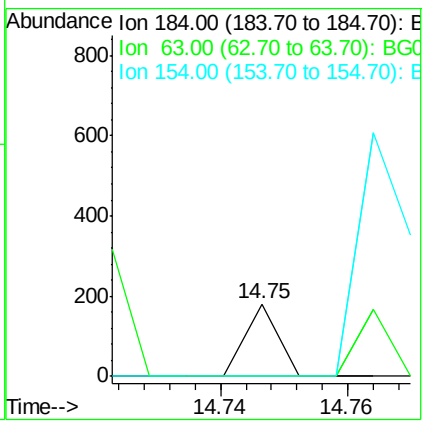


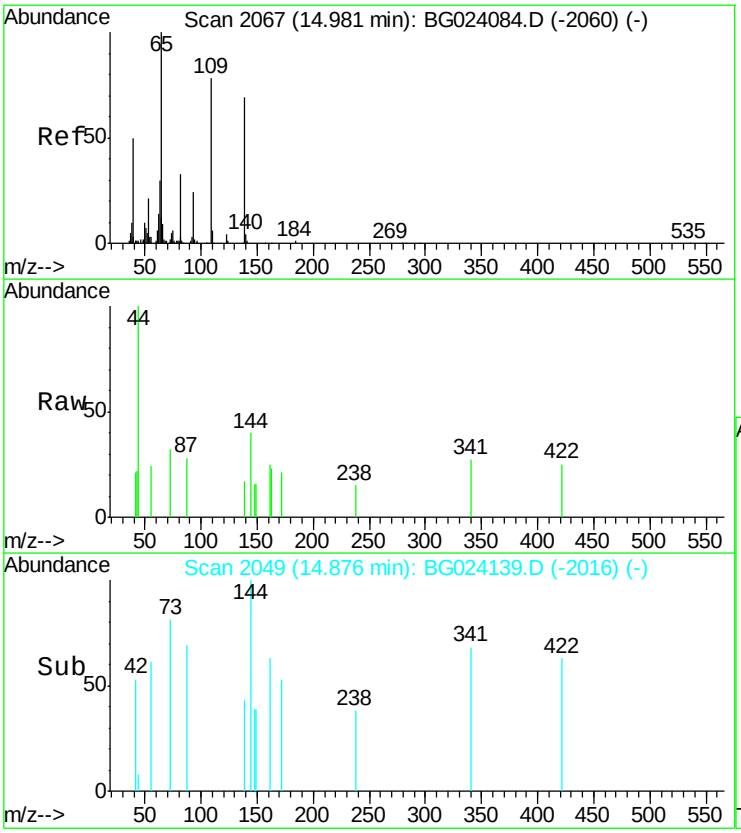
#53
2,4-Dinitrophenol
Concen: 2.49 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.12 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 63

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

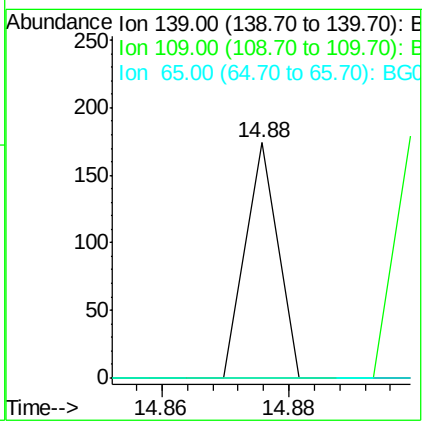


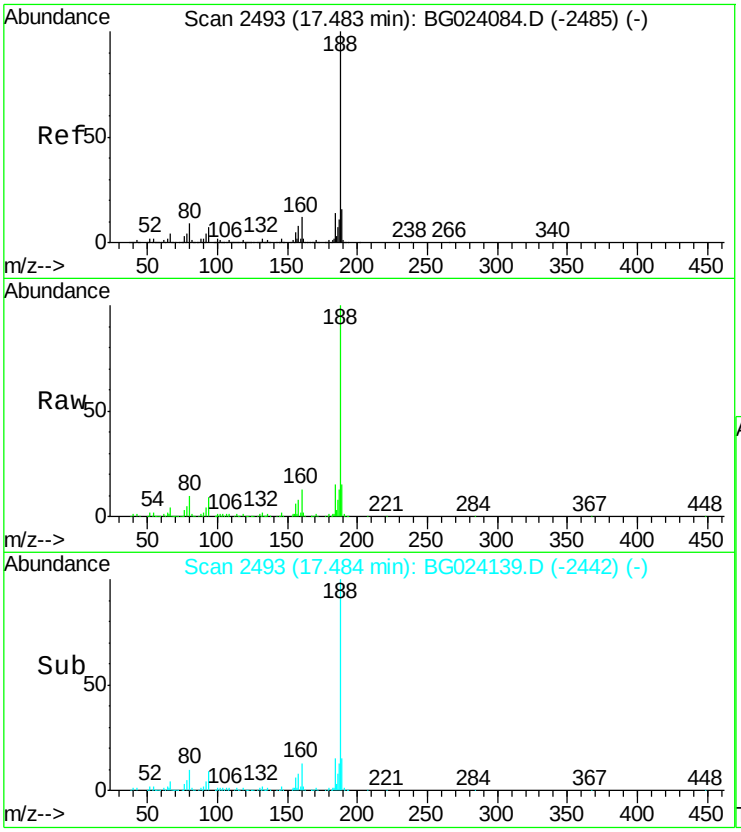


#55
4-Nitrophenol
Concen: 5.37 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.10 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:139 Resp: 61

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



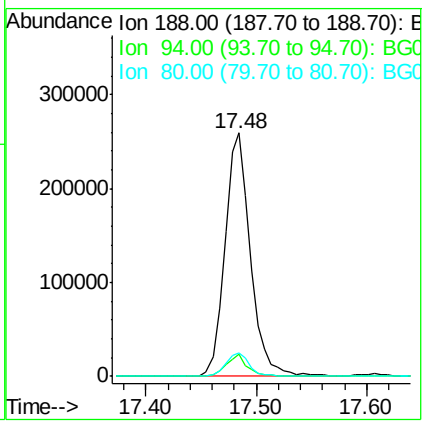


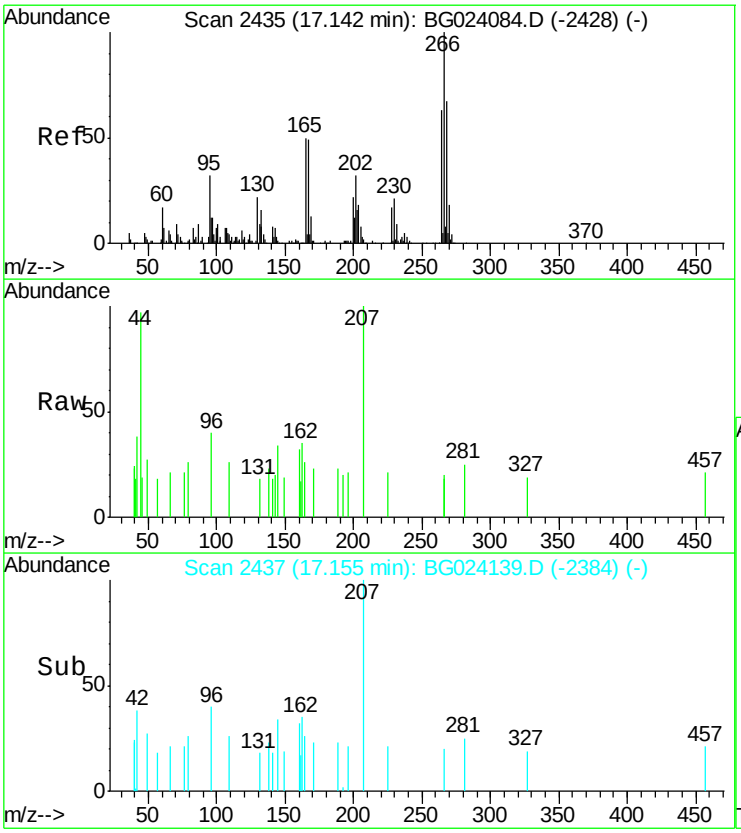
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 417076

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.2	7.8#
80	9.5	7.2	10.8

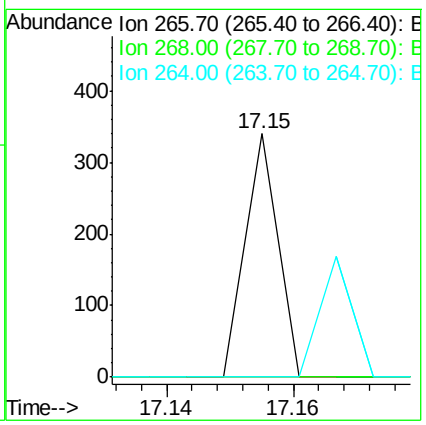


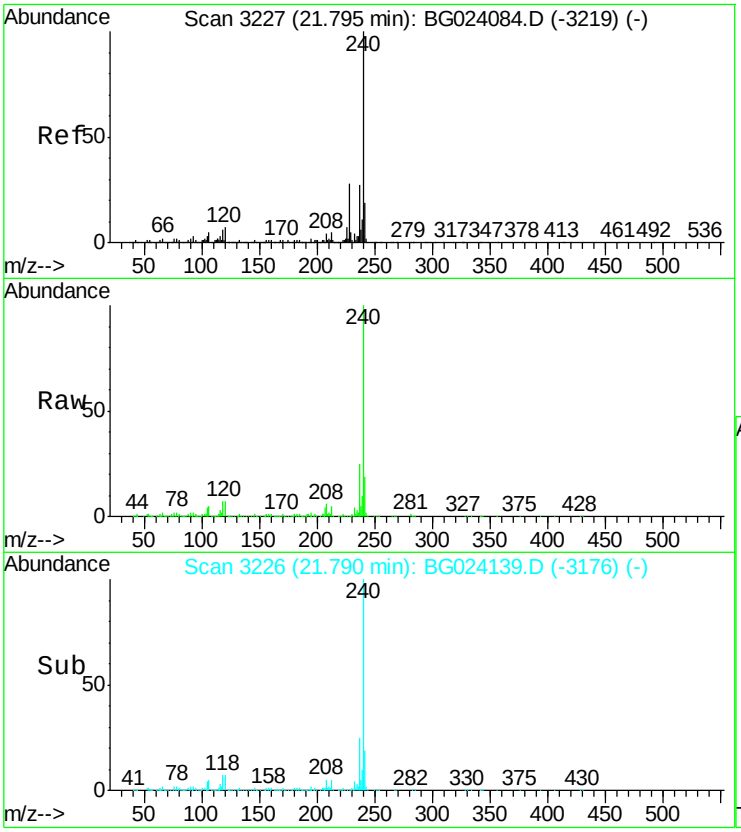


#69
Pentachlorophenol
Concen: 3.60 ng
RT: 17.15 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:266 Resp: 120

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



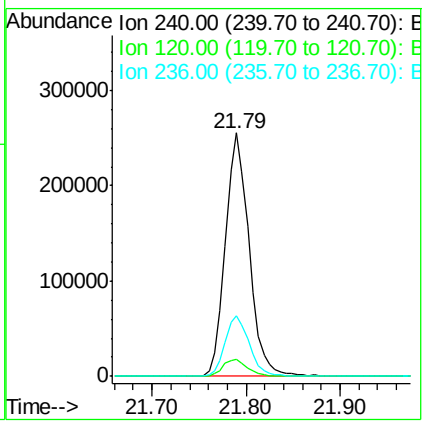


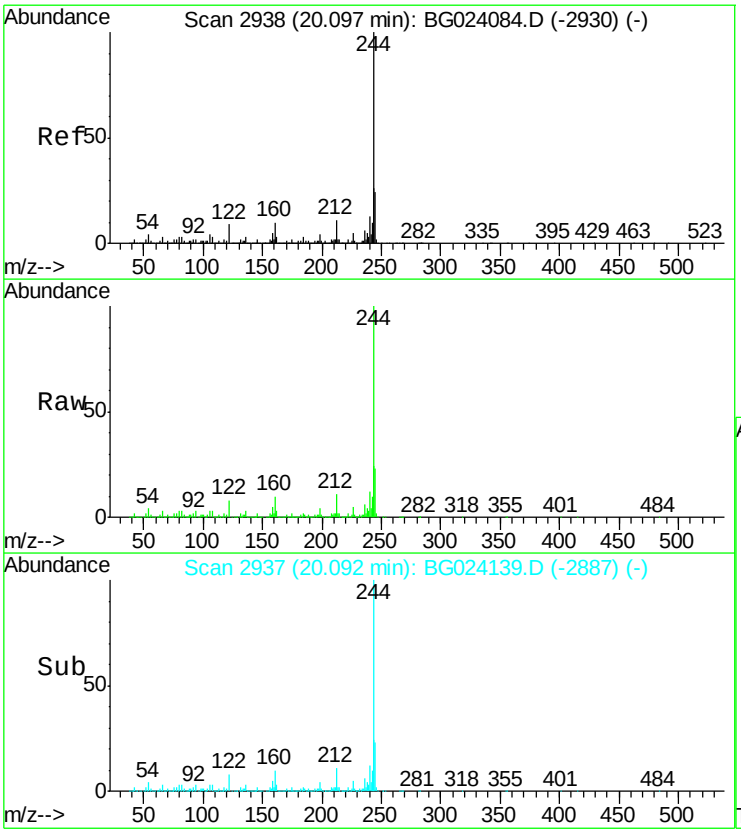
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 448013

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.1	6.1#
236	25.0	21.1	31.7

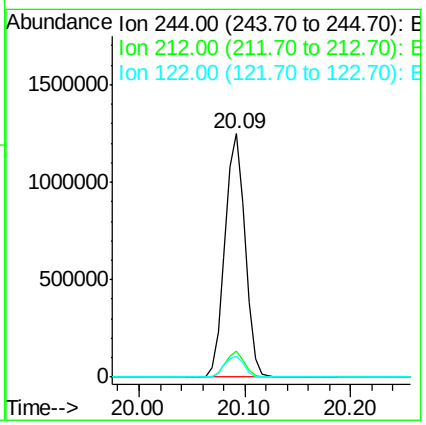


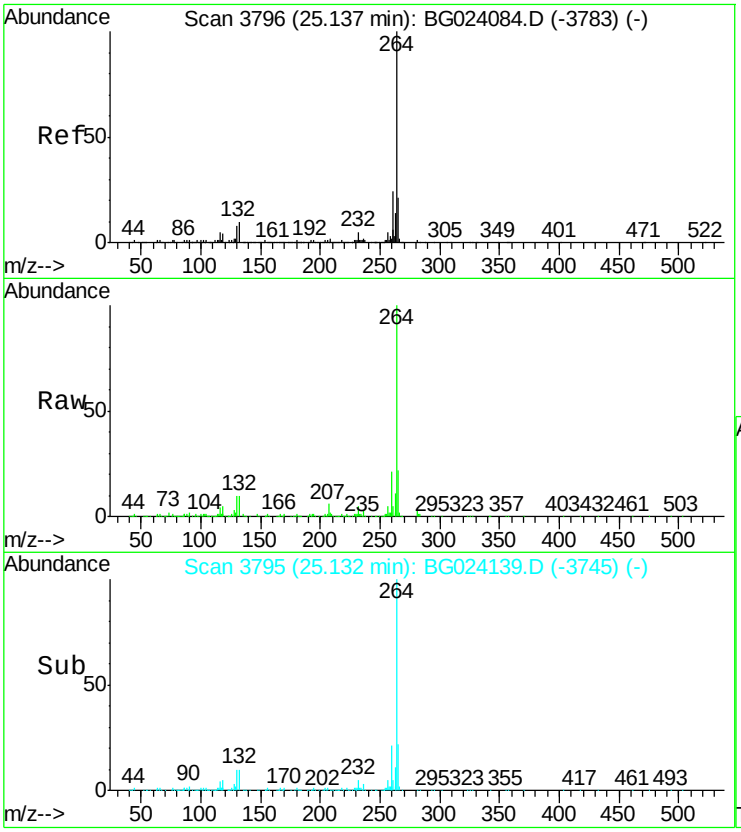


#78
Terphenyl-d14
Concen: 74.82 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Tgt Ion:244 Resp: 1636963

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	8.4	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BG024139.D
Acq: 26 Sep 2016 12:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 428775

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.4	27.6
265	21.9	18.9	28.3