Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020979.D
Acq On : 19 Feb 2016 19:36
Operator : SJ/UM
Sample : H1509-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Time: Feb 19 21:50:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20598	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	107019	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	68694	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	138276	20.00	ng	0.00
75) Chrysene-d12	21.89	240	129278	20.00	ng	-0.02
86) Perylene-d12	25.26	264	123264	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	81527	66.65	ng	0.00
7) Phenol-d6	7.40	99	70277	39.31	ng	0.00
23) Nitrobenzene-d5	9.43	82	164035	100.78	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	114264	169.15	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	479753	98.10	ng	0.00
78) Terphenyl-d14	20.19	244	501307	90.46	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.87	42	1469	4.27	ng	# 1
15) Benzyl Alcohol	8.59	79	2317	2.06	ng	# 40
18) Hexachloroethane	9.37	117	18363	32.61	ng	# 1
37) 2-Methylnaphthalene	12.94	142	86577	22.29	ng	95
50) 2,6-Dinitrotoluene	14.27	165	2442	2.12	ng	# 72
53) 2,4-Dinitrophenol	15.16	184	436	9.22	ng	# 66
54) Dibenzofuran	15.26	168	12361	2.04	ng	# 85
57) Fluorene	15.91	166	15374	2.76	ng	# 98
64) 4,6-Dinitro-2-methylphenol	16.05	198	188	5.75	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Acq On : 19 Feb 2016 19:36
Operator : SJ/UM
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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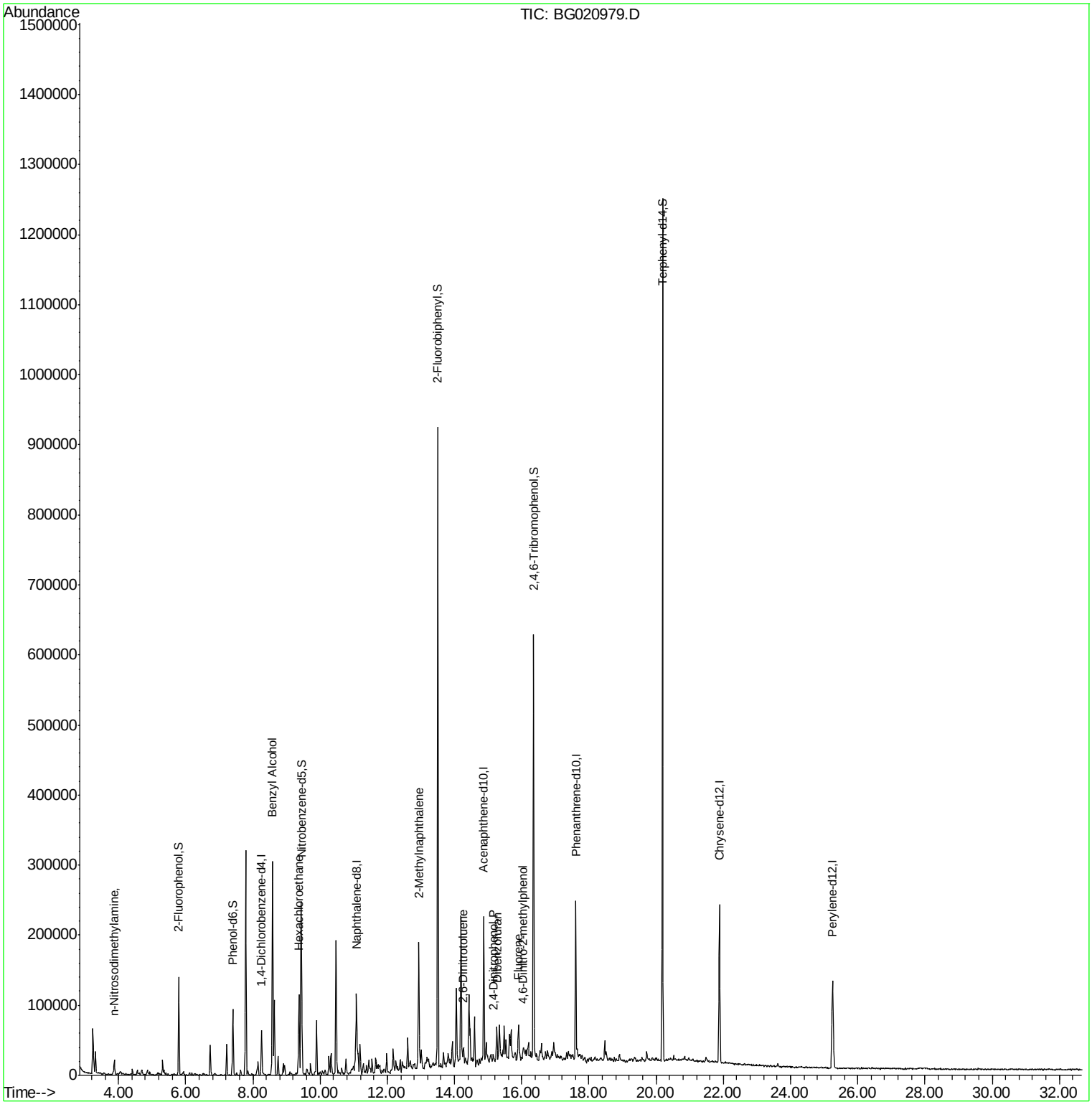
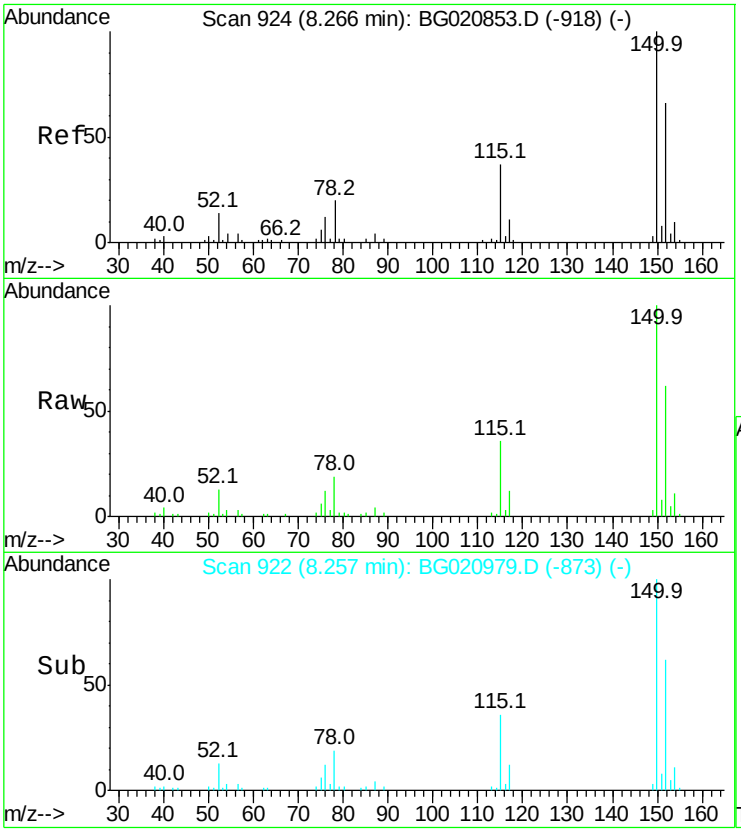


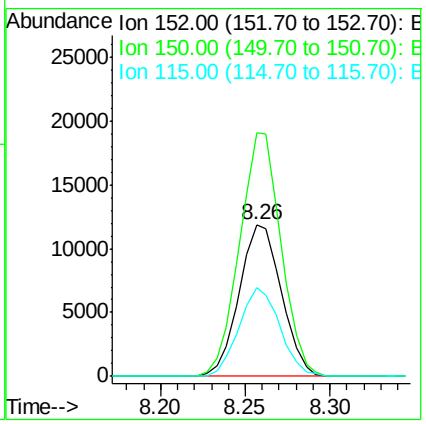


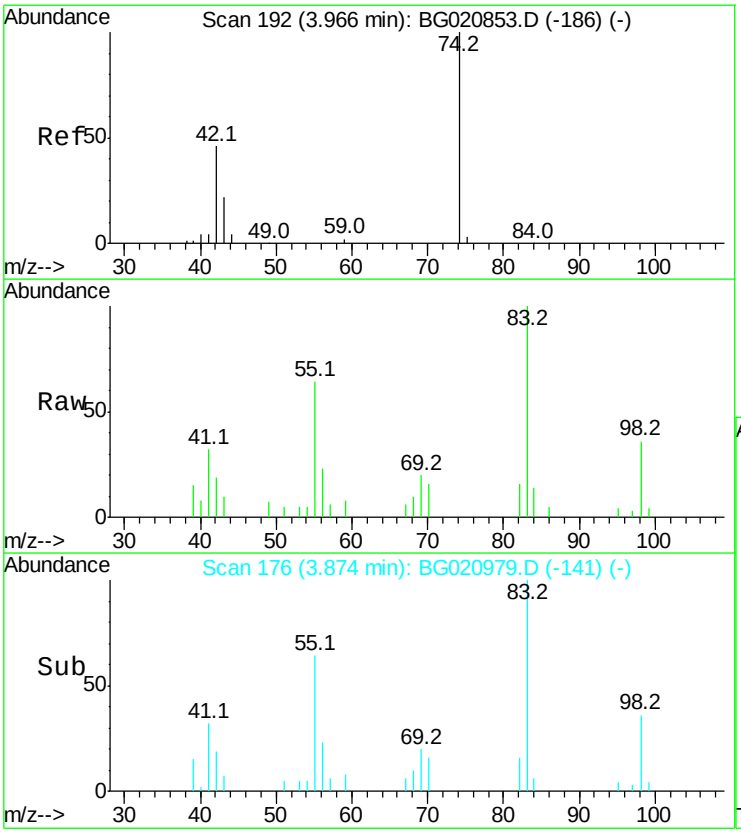
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 20598

Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.0	183.0
115	58.4	45.2	67.8

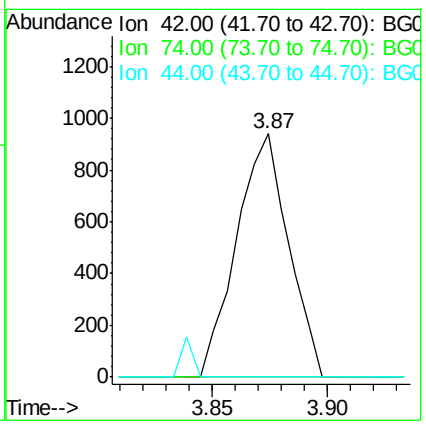


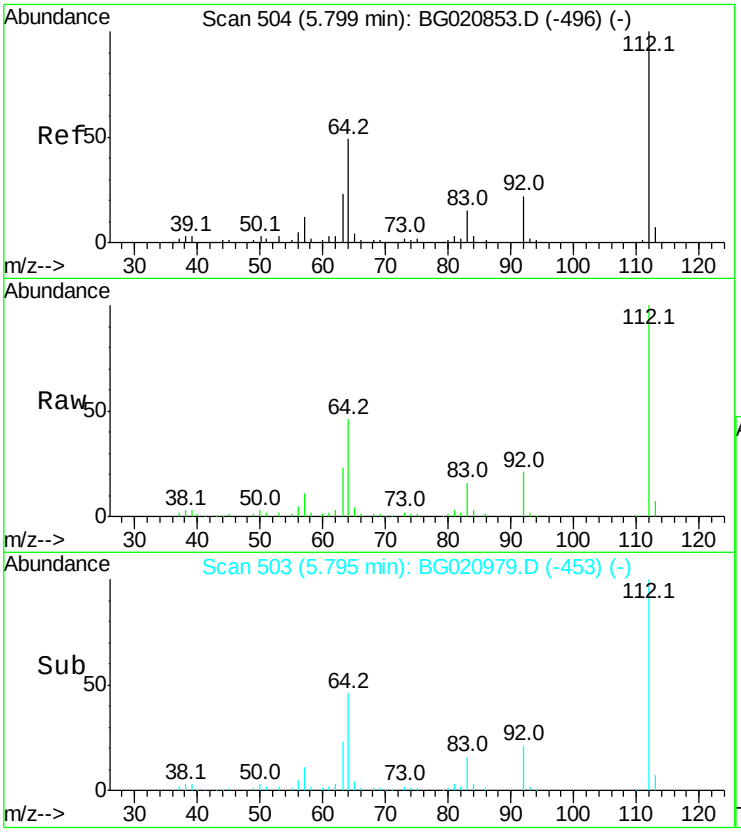


#4
n-Nitrosodimethylamine
Concen: 4.27 ng
RT: 3.87 min Scan# 176
Delta R.T. -0.09 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion: 42 Resp: 1469

Ion	Ratio	Lower	Upper
42	100		
74	0.0	173.8	260.6#
44	0.0	6.3	9.5#



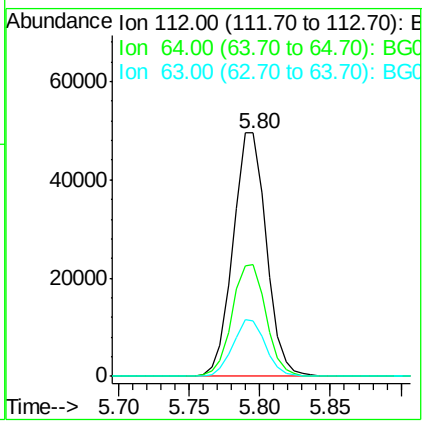


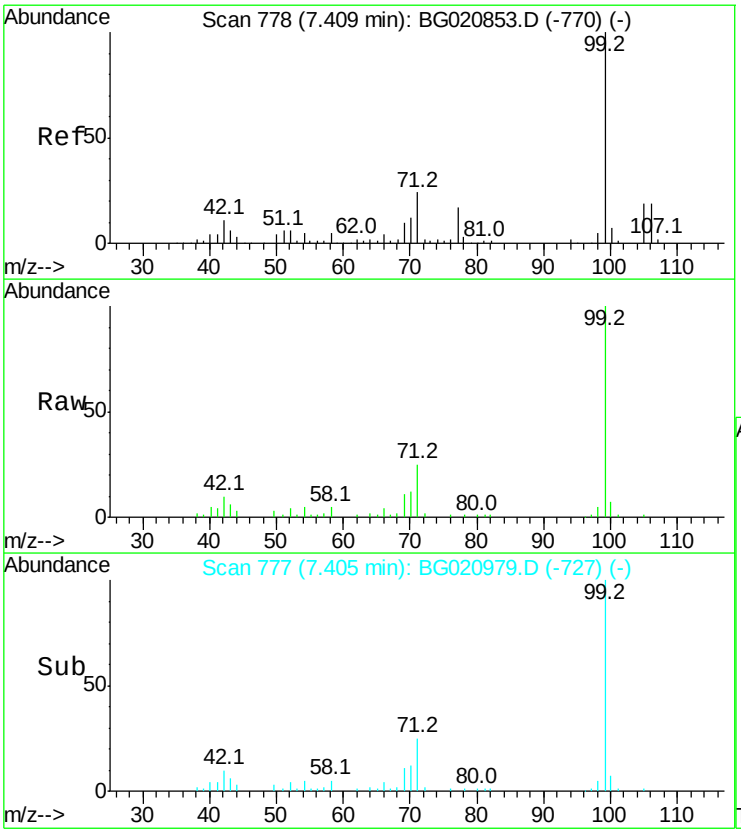
#5
2-Fluorophenol
Concen: 66.65 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:112 Resp: 81527

Ion	Ratio	Lower	Upper
112	100		
64	46.0	39.3	58.9
63	22.9	18.2	27.4

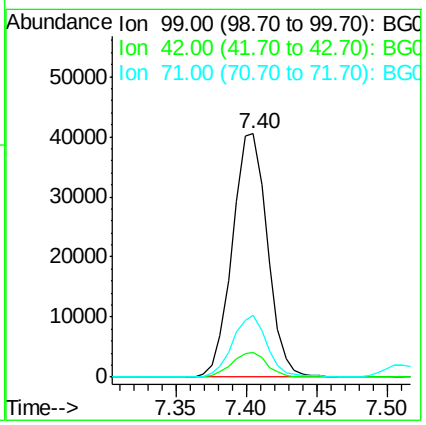


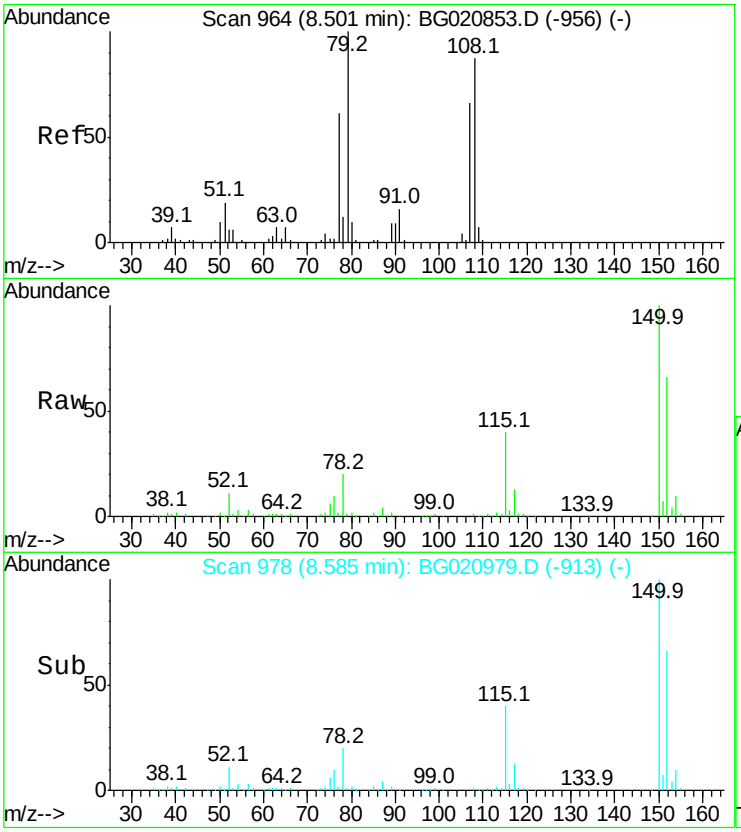


#7
Phenol-d6
Concen: 39.31 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion: 99 Resp: 70277

Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.4	12.6
71	25.3	19.4	29.0



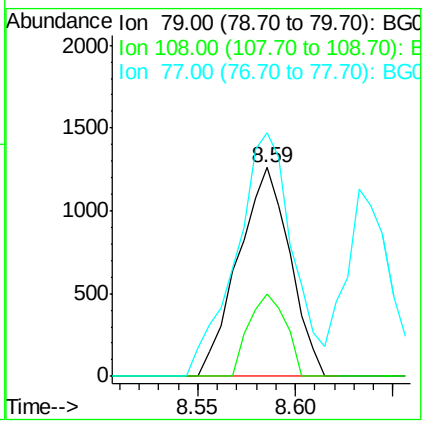


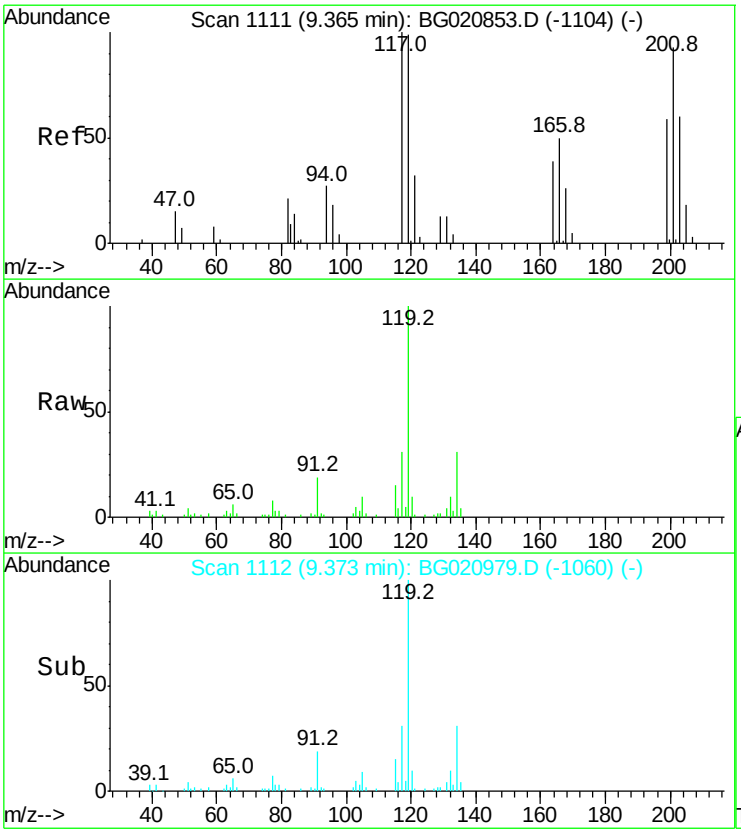
#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 8.59 min Scan# 978
Delta R.T. 0.08 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion: 79 Resp: 2317

Ion	Ratio	Lower	Upper
79	100		
108	39.6	69.4	104.2#
77	116.6	48.6	73.0#

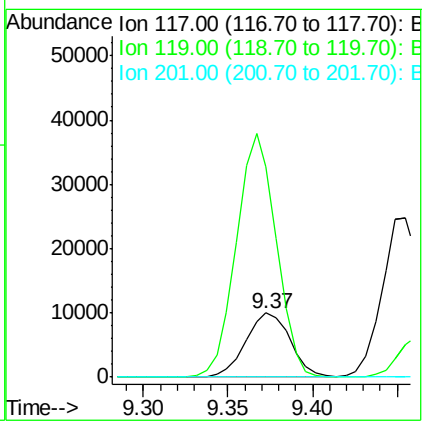


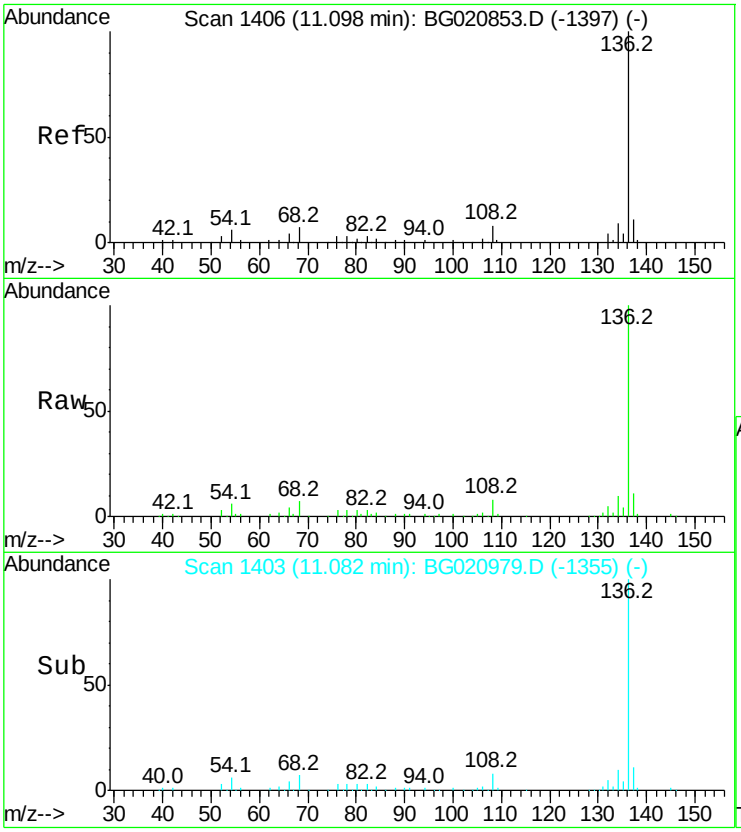


#18
Hexachloroethane
Concen: 32.61 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:117 Resp: 18363

Ion	Ratio	Lower	Upper
117	100		
119	327.8	79.6	119.4#
201	0.0	74.5	111.7#



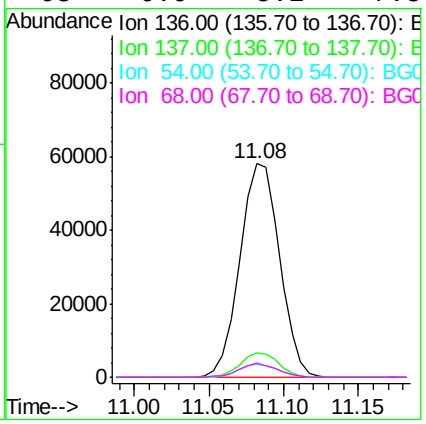


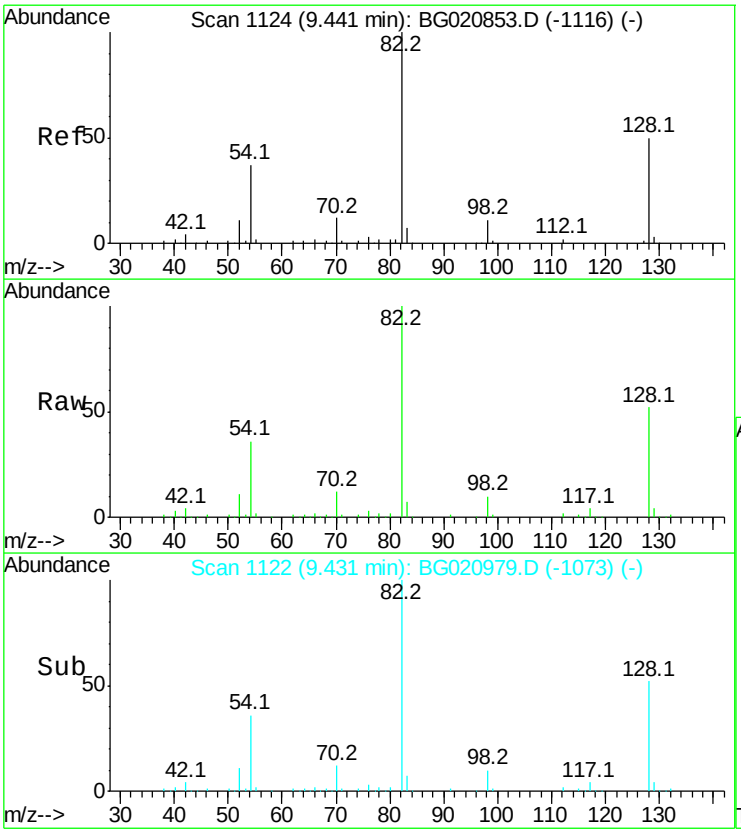
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:136 Resp: 107019

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.2	5.0	7.4
68	6.9	5.2	7.8

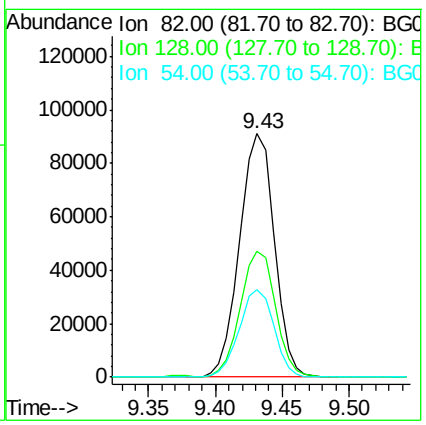


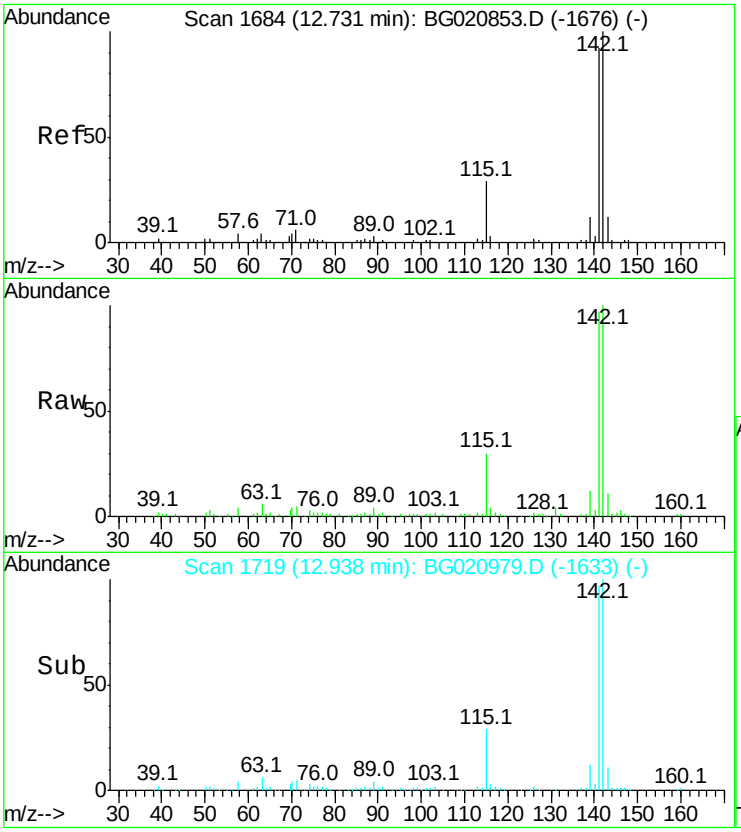


#23
Nitrobenzene-d5
Concen: 100.78 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion: 82 Resp: 164035

Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.1	60.1
54	35.8	29.5	44.3



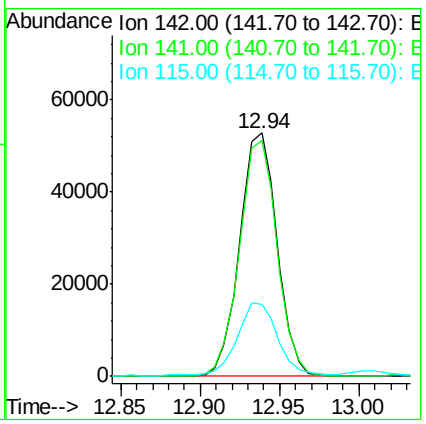


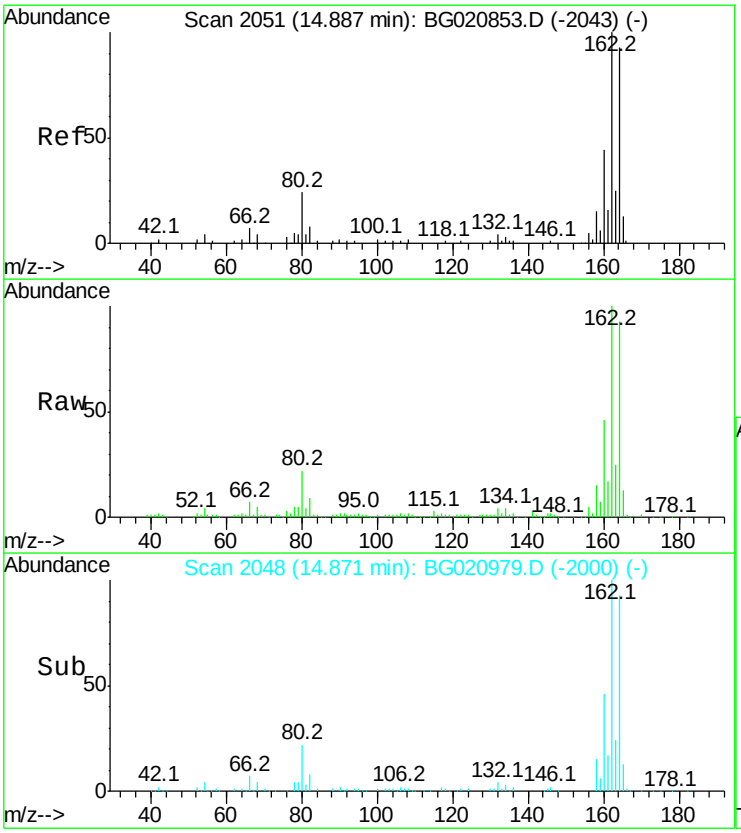
#37
2-Methylnaphthalene
Concen: 22.29 ng
RT: 12.94 min Scan# 1719
Delta R.T. 0.21 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:142 Resp: 86577

Ion	Ratio	Lower	Upper
142	100		
141	97.0	73.4	110.2
115	29.6	23.0	34.6

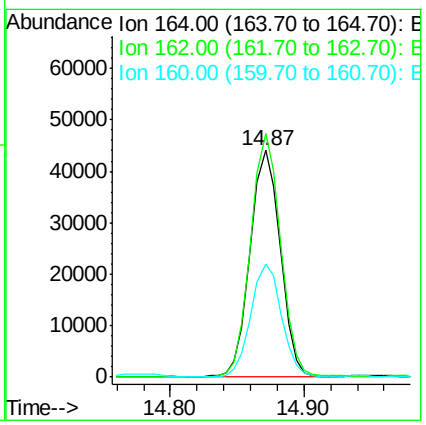


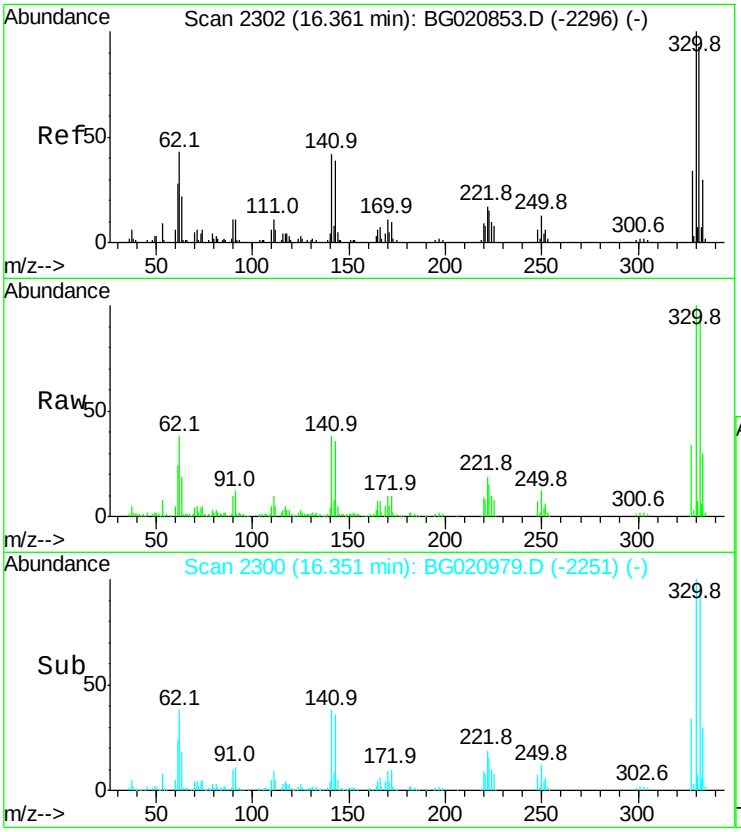


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:164 Resp: 68694

Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.7	128.5
160	49.8	37.4	56.0



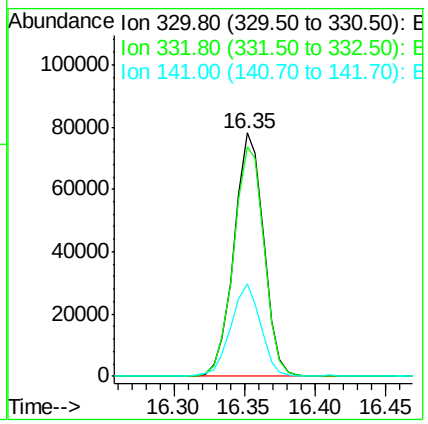


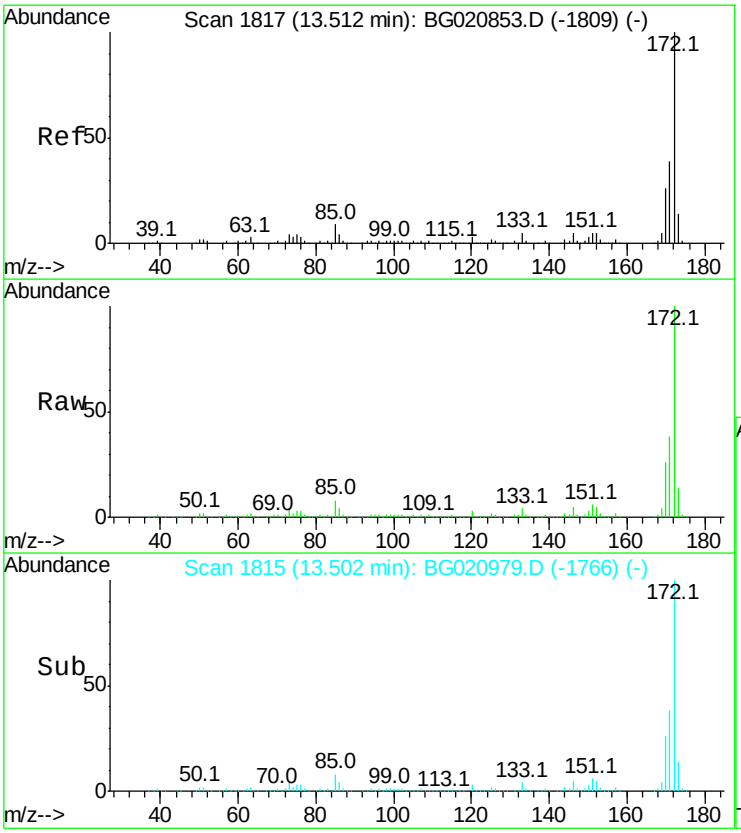
#41
2,4,6-Tribromophenol
Concen: 169.15 ng
RT: 16.35 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 114264

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.1	114.1
141	37.6	32.0	48.0

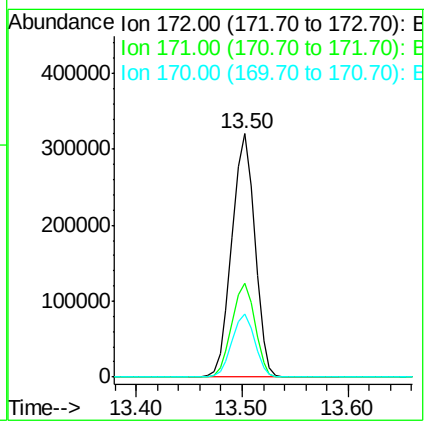


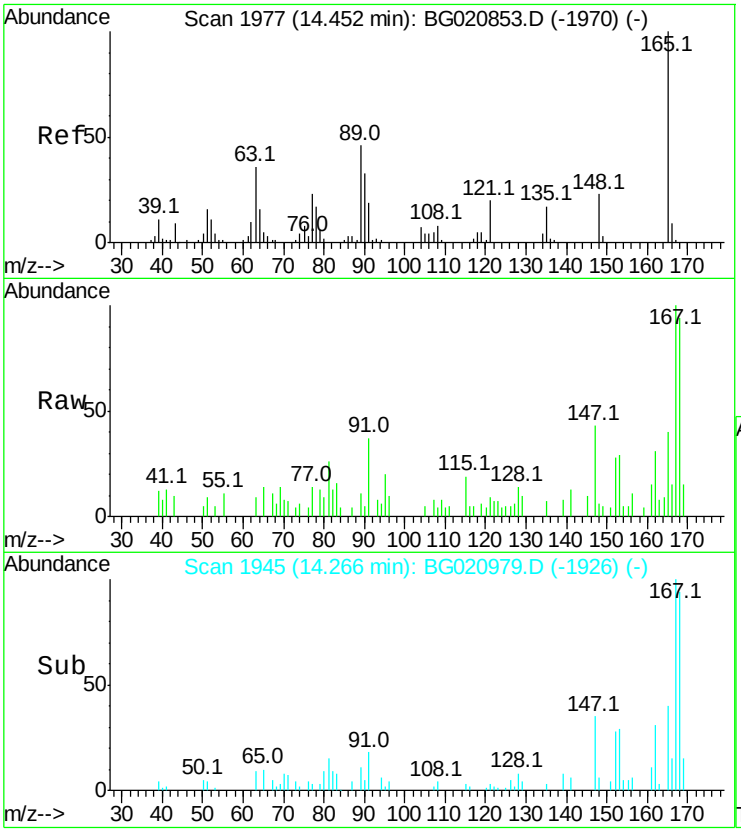


#44
2-Fluorobiphenyl
Concen: 98.10 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:172 Resp: 479753

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.2	46.8
170	25.8	20.6	30.8



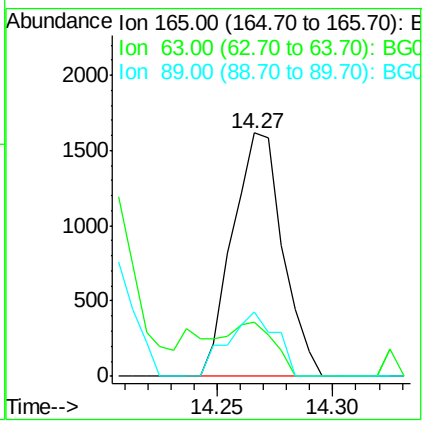


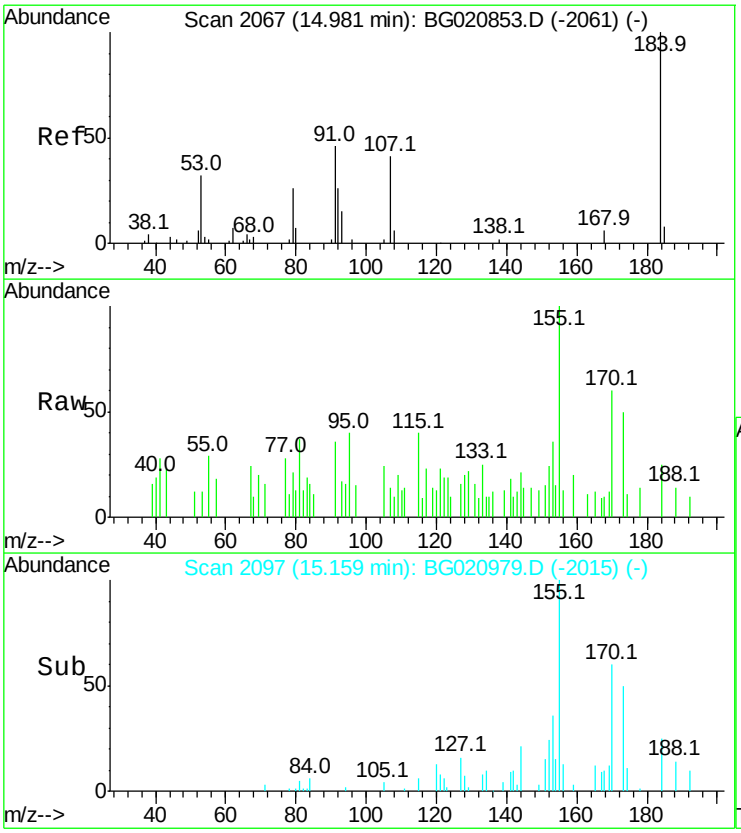
#50
2,6-Dinitrotoluene
Concen: 2.12 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.19 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:165 Resp: 2442

Ion	Ratio	Lower	Upper
165	100		
63	22.3	30.3	45.5#
89	26.5	36.9	55.3#

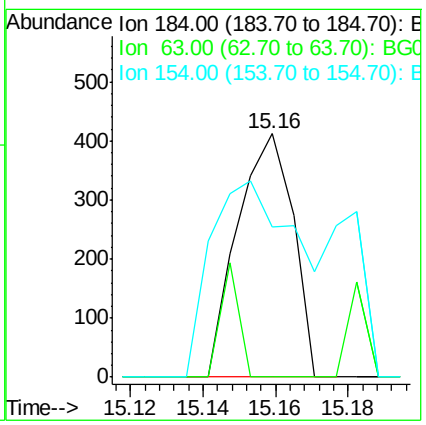


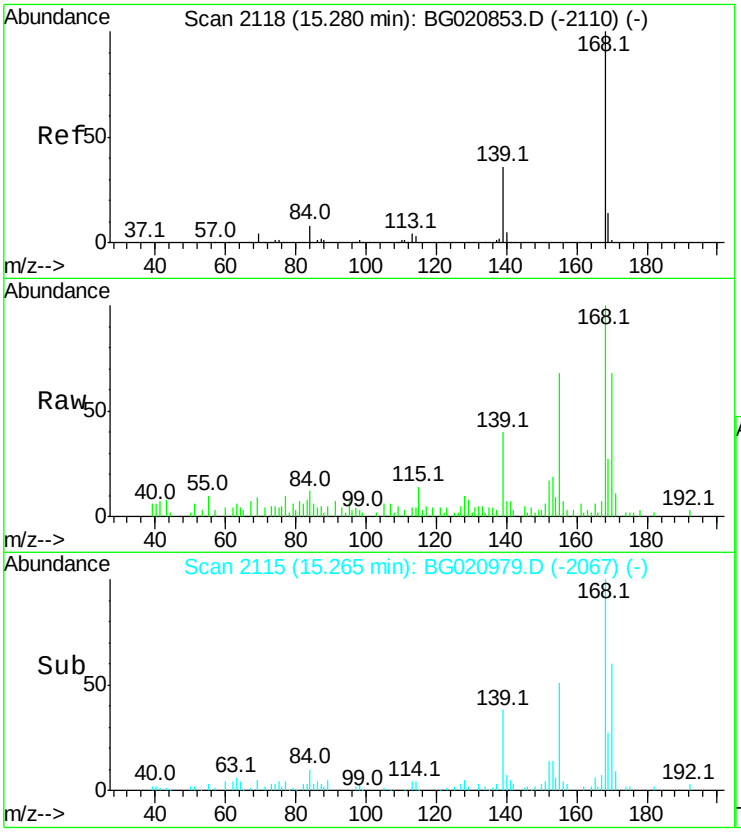


#53
2,4-Dinitrophenol
Concen: 9.22 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.18 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:184 Resp: 436

Ion	Ratio	Lower	Upper
184	100		
63	0.0	39.8	59.6#
154	61.9	48.1	72.1



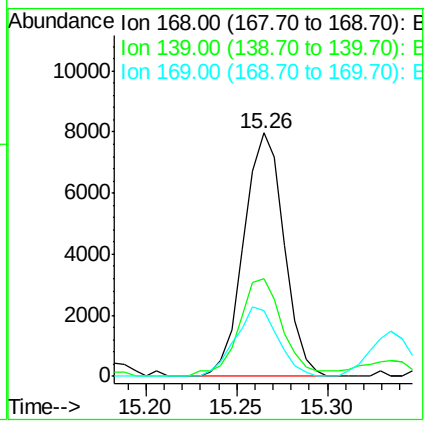


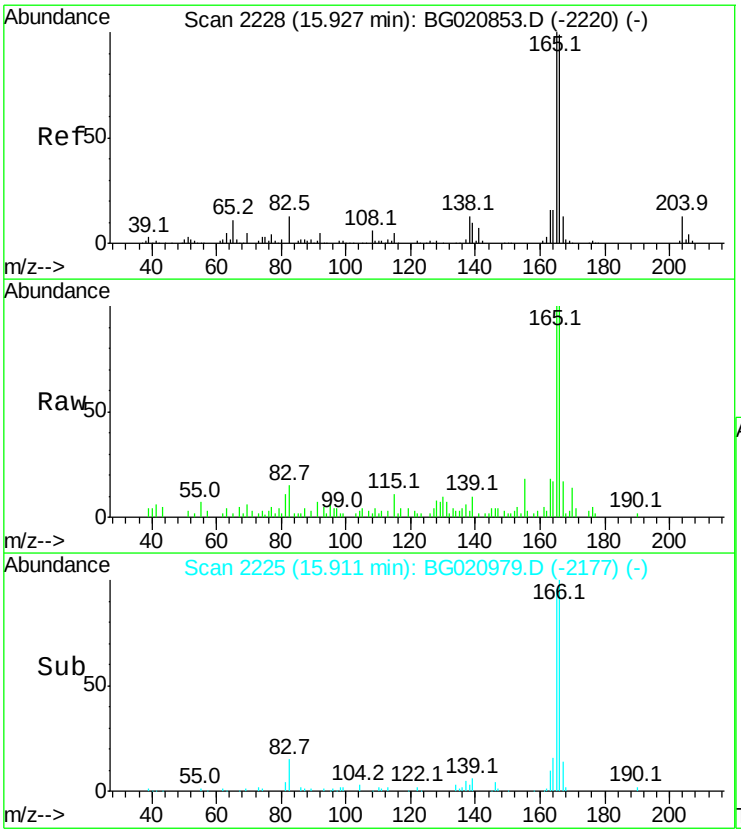
#54
Dibenzofuran
Concen: 2.04 ng
RT: 15.26 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:168 Resp: 12361

Ion	Ratio	Lower	Upper
168	100		
139	40.1	28.5	42.7
169	26.8	11.0	16.4#

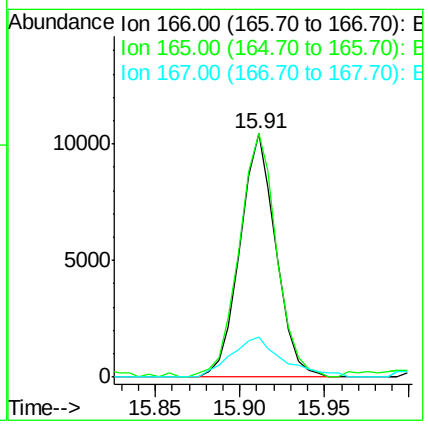


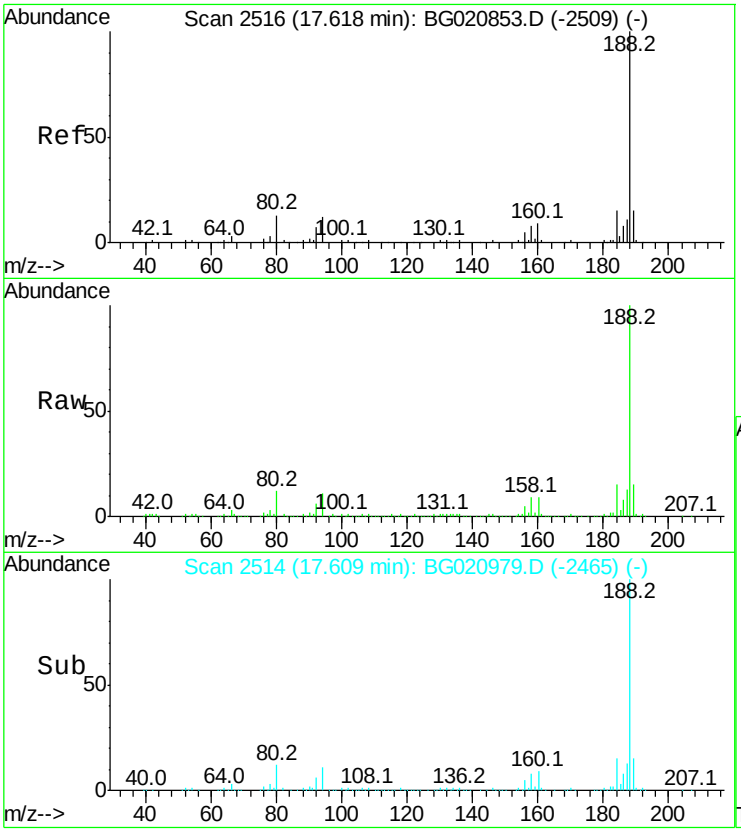


#57
Fluorene
Concen: 2.76 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:166 Resp: 15374

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.0	121.4
167	16.6	10.8	16.2#



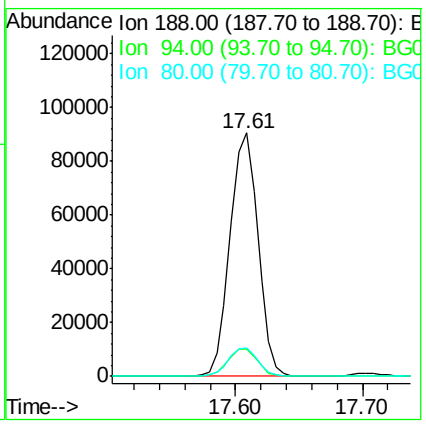


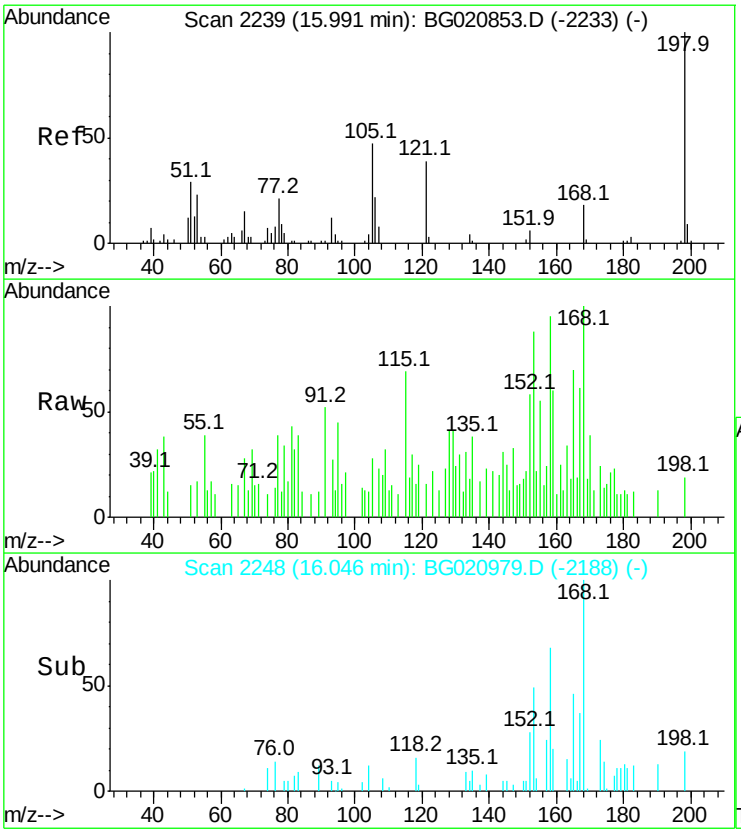
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 138276

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.0
80	11.7	10.2	15.4

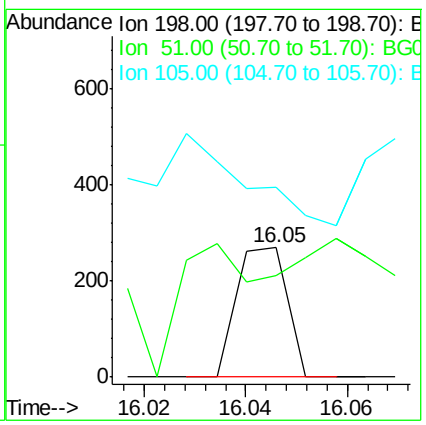


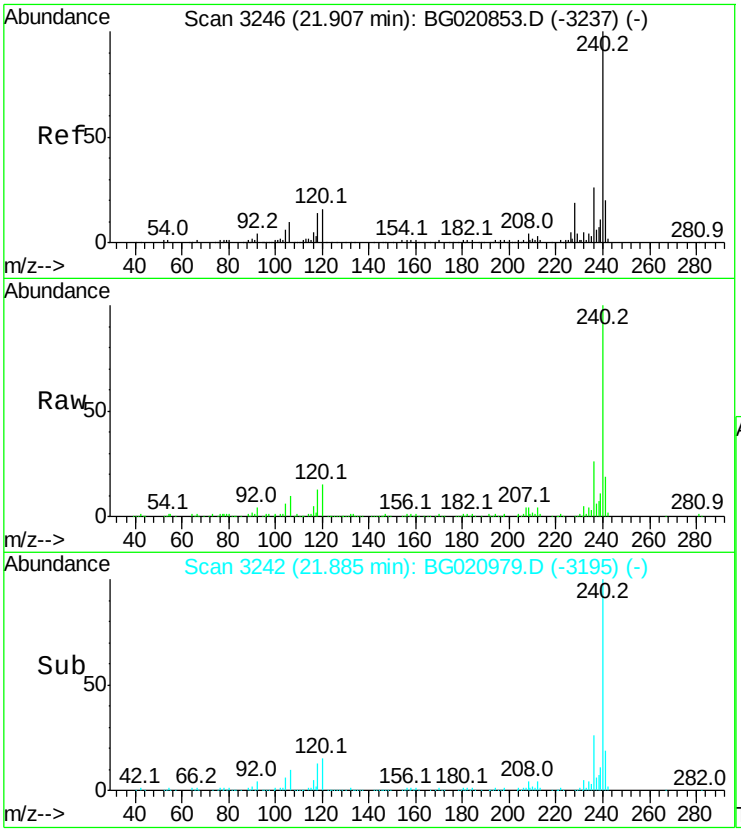


#64
4,6-Dinitro-2-methylphenol
Concen: 5.75 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.05 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:198 Resp: 188

Ion	Ratio	Lower	Upper
198	100		
51	78.1	10.6	50.6#
105	146.7	27.0	67.0#



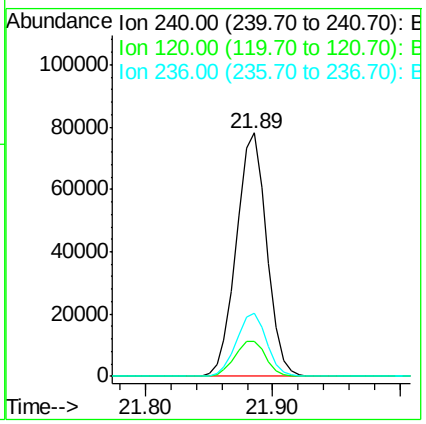


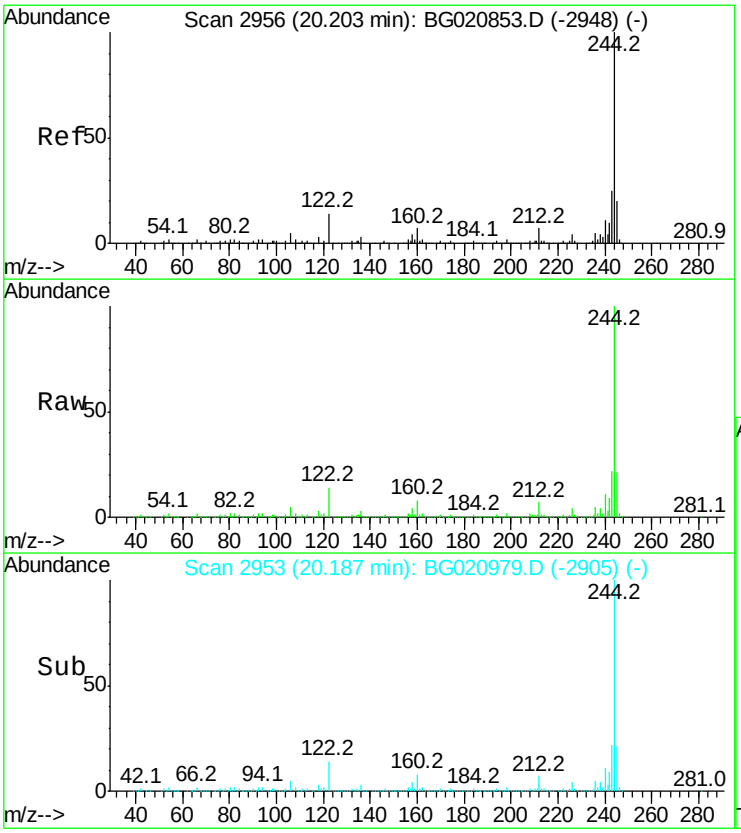
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:240 Resp: 129278

Ion	Ratio	Lower	Upper
240	100		
120	14.6	13.0	19.4
236	25.7	21.0	31.4

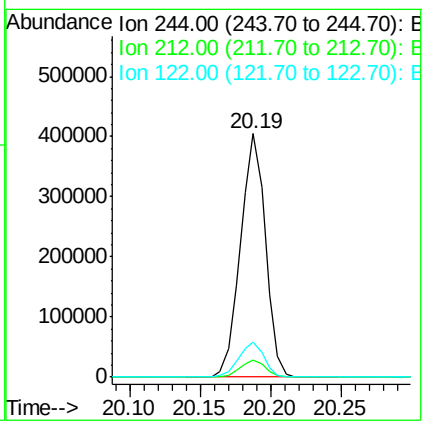


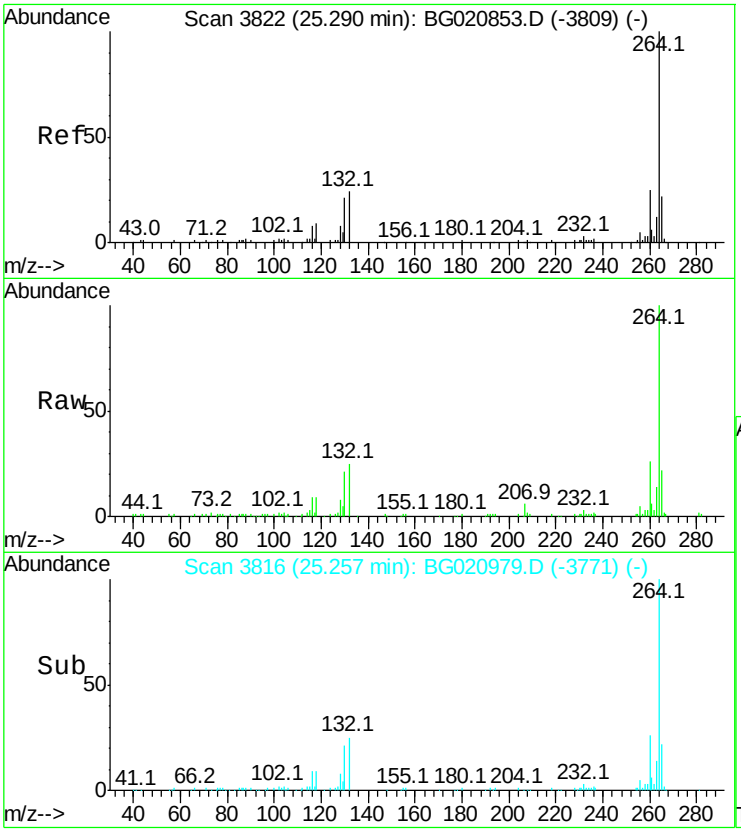


#78
Terphenyl-d14
Concen: 90.46 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Tgt Ion:244 Resp: 501307

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	14.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.03 min
Lab File: BG020979.D
Acq: 19 Feb 2016 19:36

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 123264

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.9	29.9
265	22.0	18.0	27.0