Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020317\
Data File : BG025771.D
Acq On : 2 Feb 2017 23:35
Operator : SJ/MA
Sample : I1644-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-B1-B2-001

Quant Time: Feb 03 00:53:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76549	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	337507	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	258927	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	582515	20.00	ng	0.00
75) Chrysene-d12	21.83	240	734026	20.00	ng	0.00
86) Perylene-d12	25.20	264	706196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	644206	150.82	ng	0.00
7) Phenol-d6	7.33	99	863484	138.42	ng	0.00
23) Nitrobenzene-d5	9.35	82	741965	92.89	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	525230	142.24	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1512690	94.88	ng	0.00
78) Terphenyl-d14	20.13	244	2585527	85.02	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.49	79	12906	2.39	ng	# 36
32) Benzoic acid	10.41	122	184	7.93	ng	# 18
40) Hexachlorocyclopentadiene	12.94	237	74	10.70	ng	# 4
53) 2,4-Dinitrophenol	14.83	184	108	9.48	ng	# 15
55) 4-Nitrophenol	15.04	139	83	5.61	ng	# 1

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

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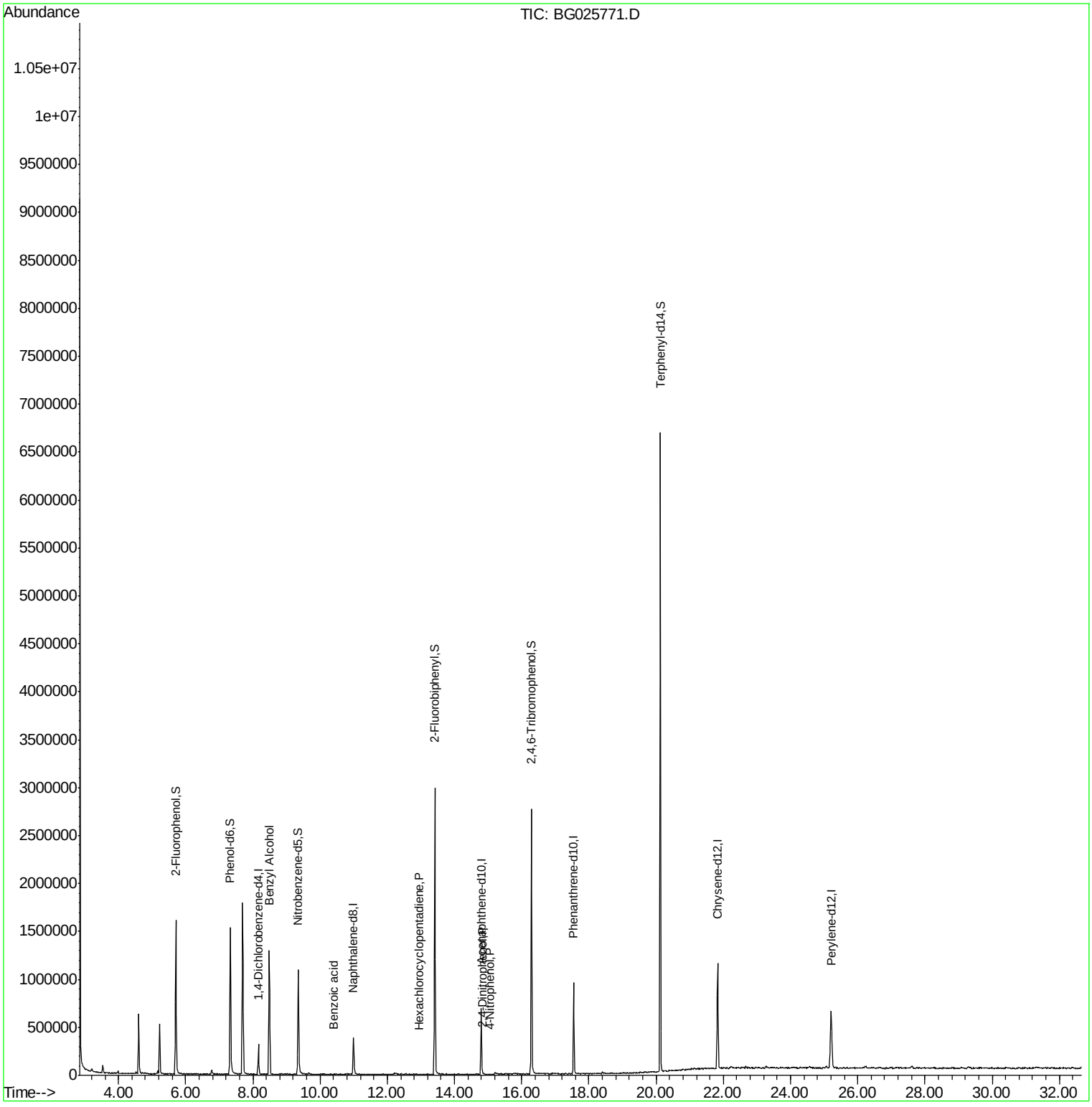
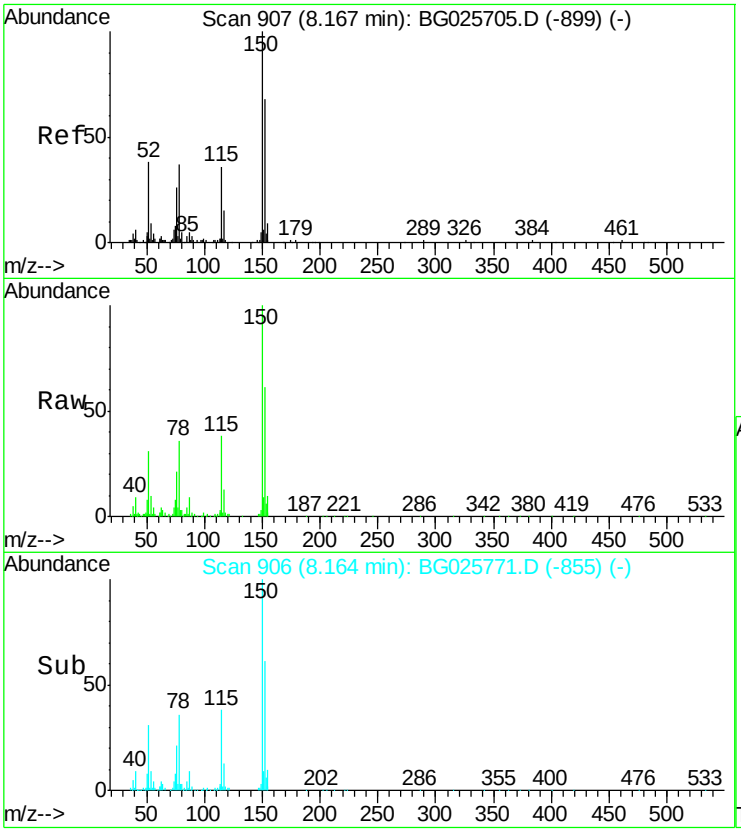


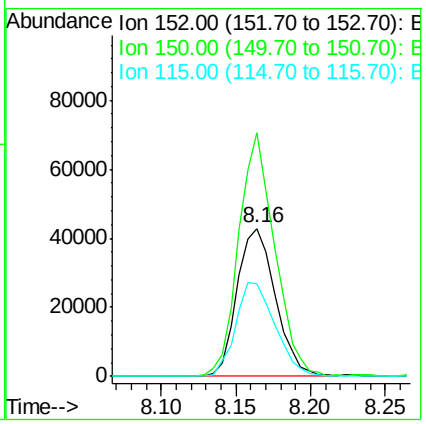


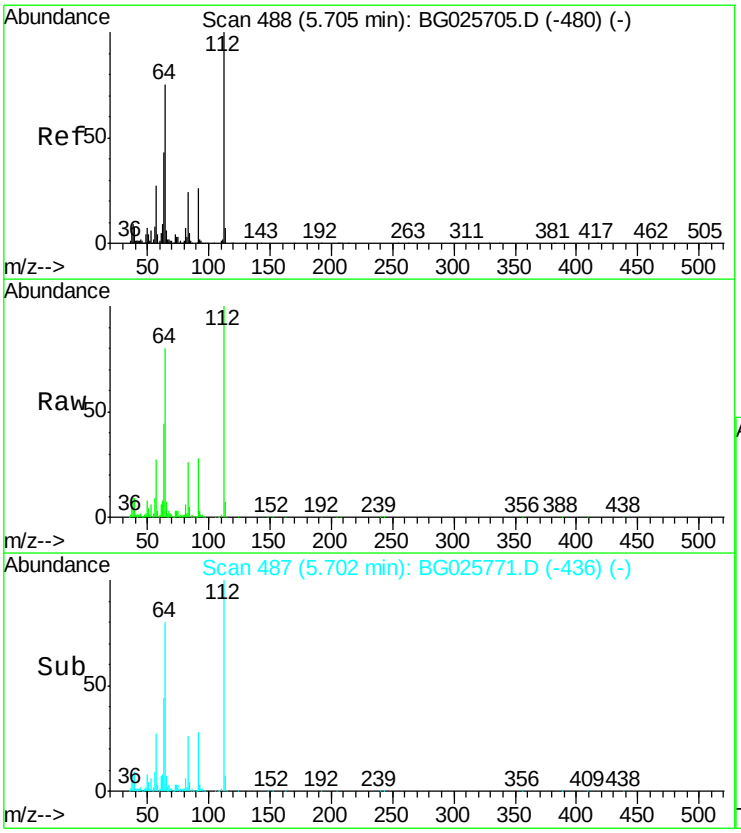
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:152 Resp: 76549

Ion	Ratio	Lower	Upper
152	100		
150	164.7	114.0	171.0
115	62.8	48.1	72.1

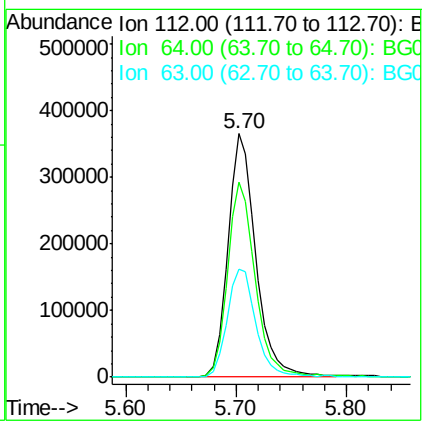


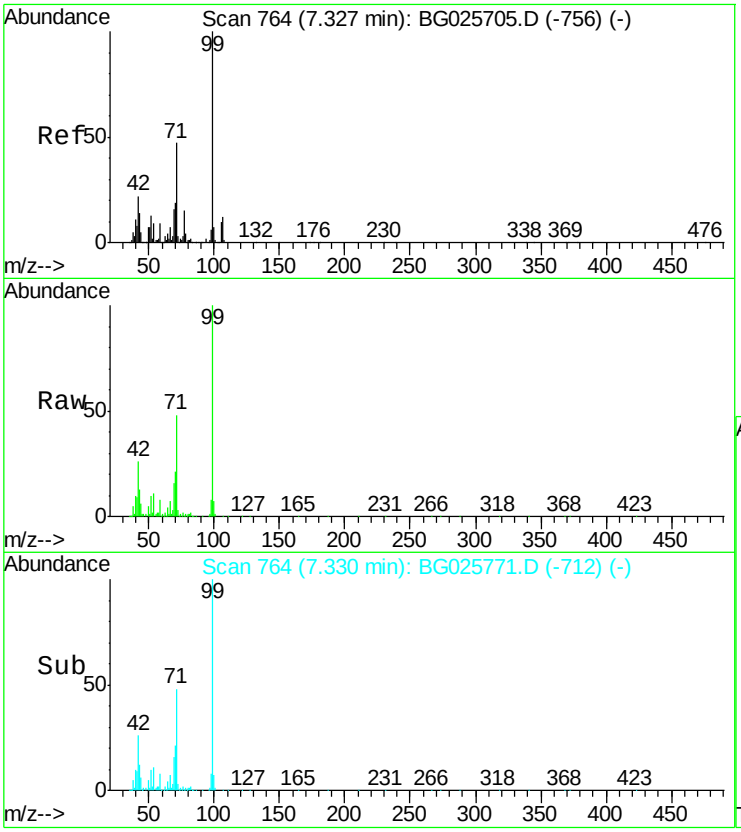


#5
2-Fluorophenol
Concen: 150.82 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion:112 Resp: 644206

Ion	Ratio	Lower	Upper
112	100		
64	80.0	61.8	92.6
63	44.3	37.2	55.8



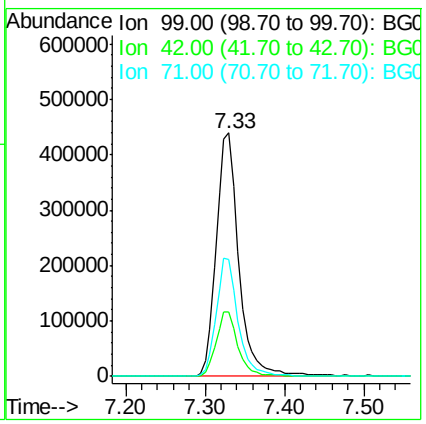


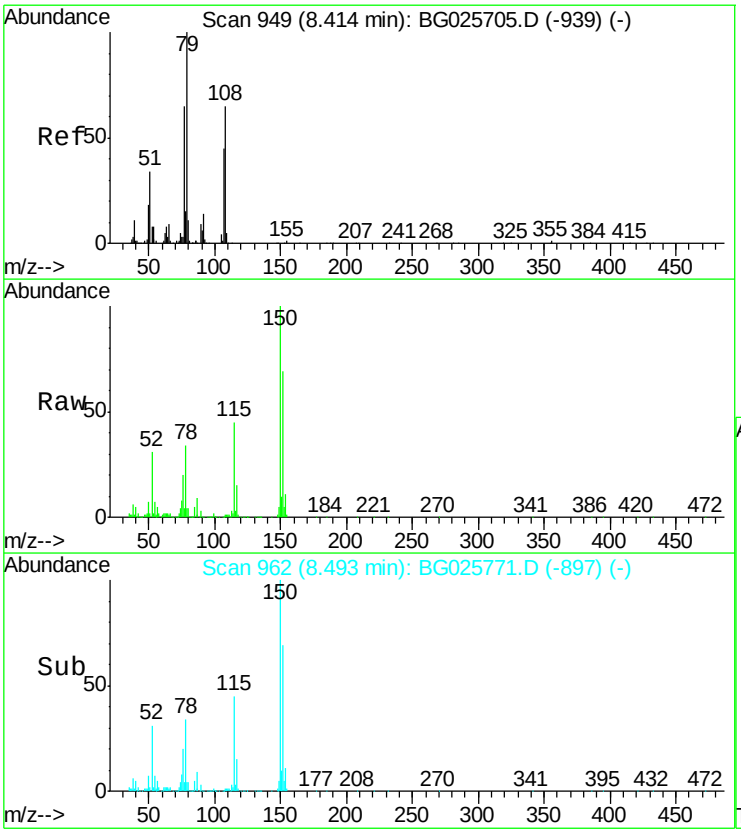
#7
Phenol-d6
Concen: 138.42 ng
RT: 7.33 min Scan# 764
Delta R.T. 0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion: 99 Resp: 863484

Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.5	30.7
71	48.0	37.6	56.4

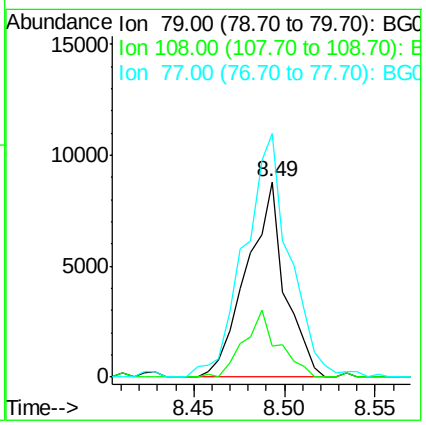


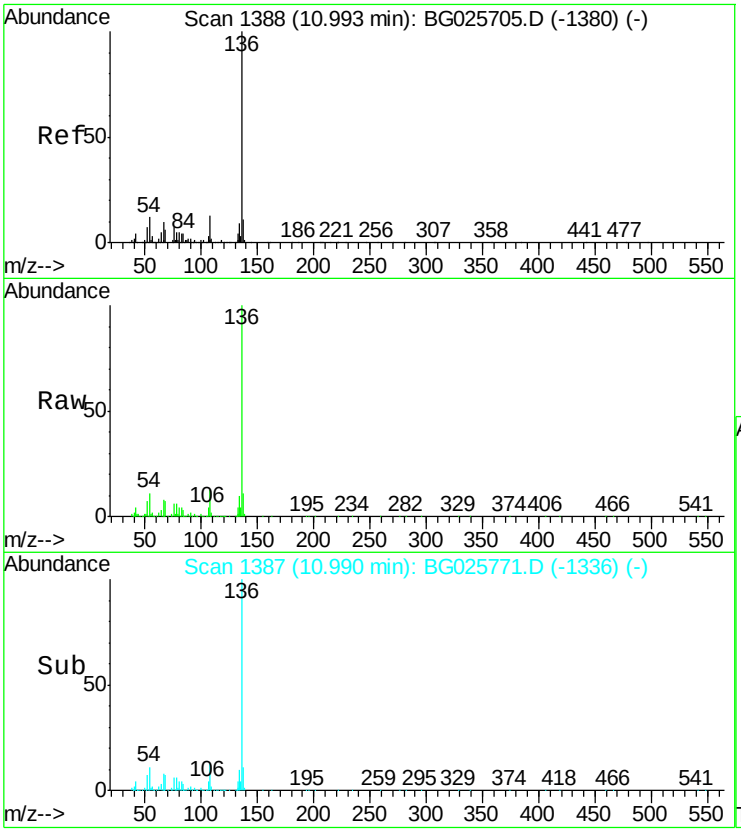


#15
Benzyl Alcohol
Concen: 2.39 ng
RT: 8.49 min Scan# 962
Delta R.T. 0.08 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion: 79 Resp: 12906

Ion	Ratio	Lower	Upper
79	100		
108	15.8	45.5	68.3#
77	124.5	54.3	81.5#



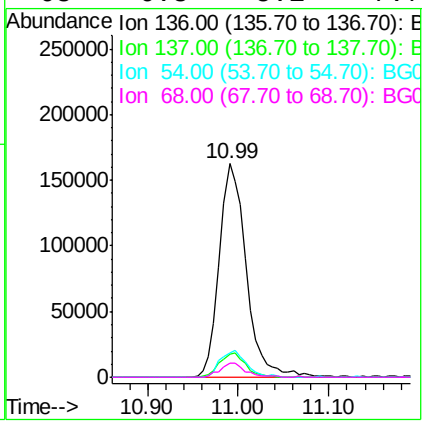


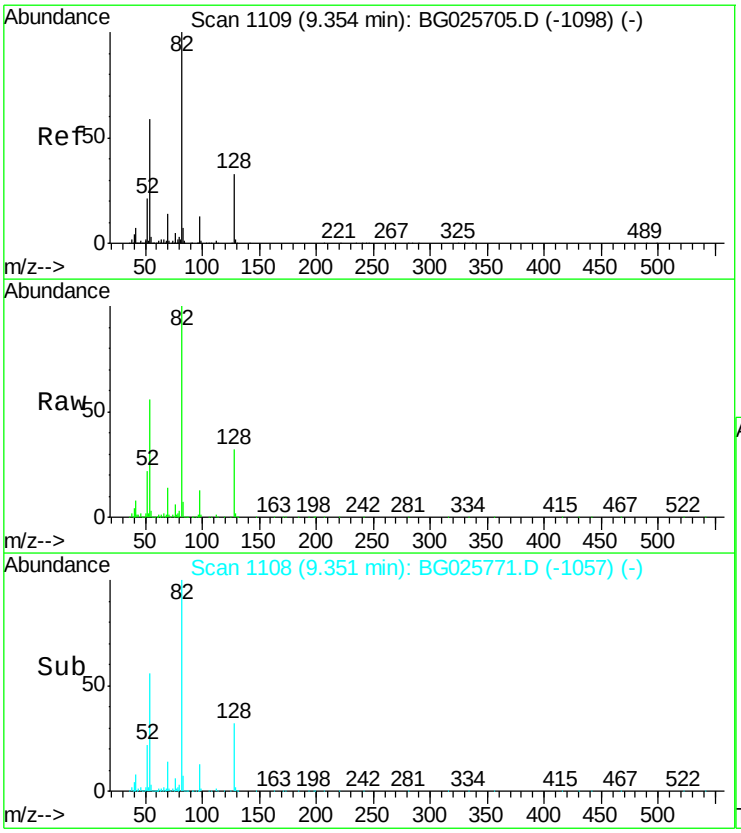
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:136 Resp: 337507

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.4	9.3	13.9
68	6.8	5.1	7.7

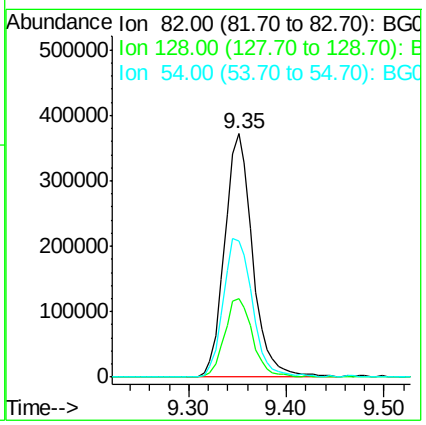


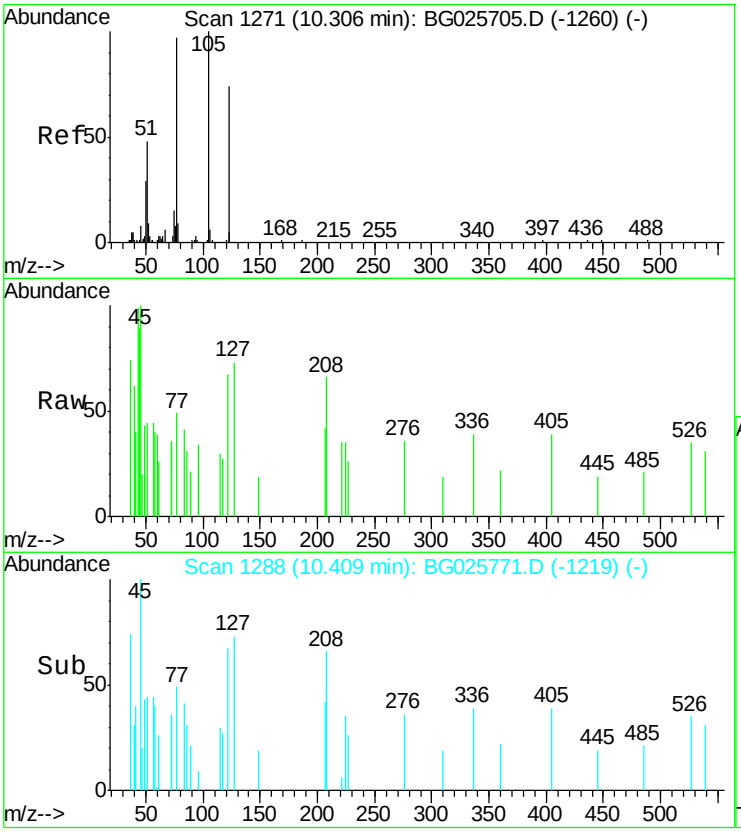


#23
Nitrobenzene-d5
Concen: 92.89 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion: 82 Resp: 741965

Ion	Ratio	Lower	Upper
82	100		
128	32.2	26.4	39.6
54	55.9	49.4	74.2



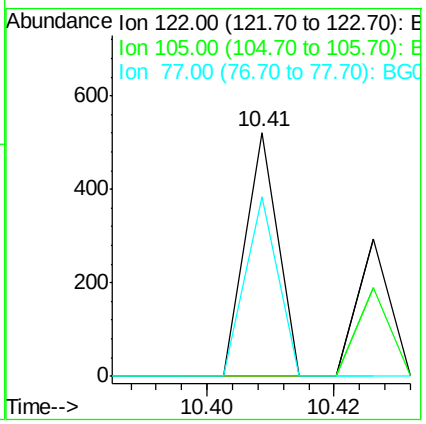


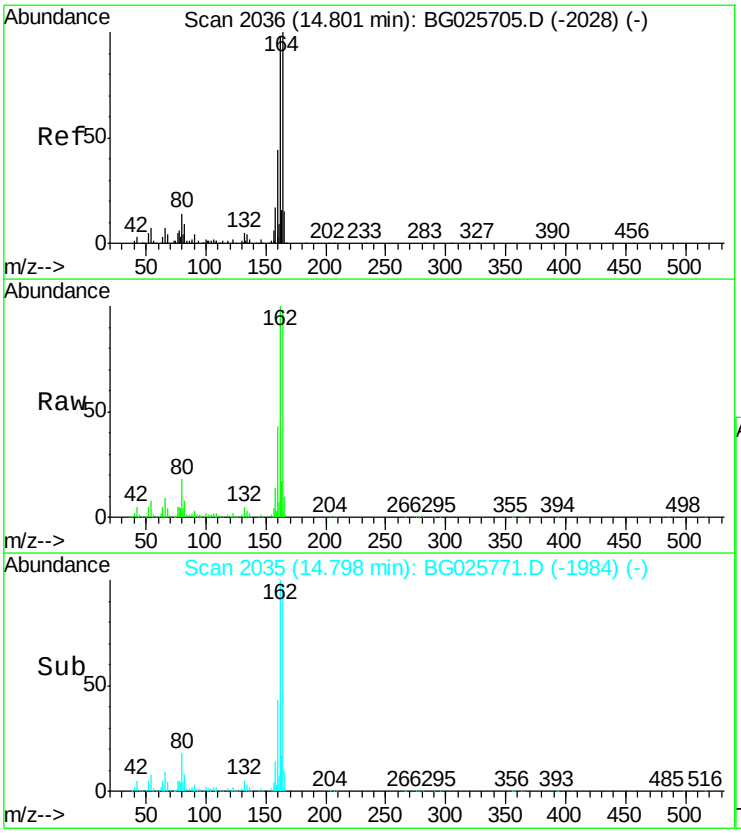
#32
Benzoic acid
Concen: 7.93 ng
RT: 10.41 min Scan# 1288
Delta R.T. 0.10 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:122 Resp: 184

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	73.5	104.6	144.6#

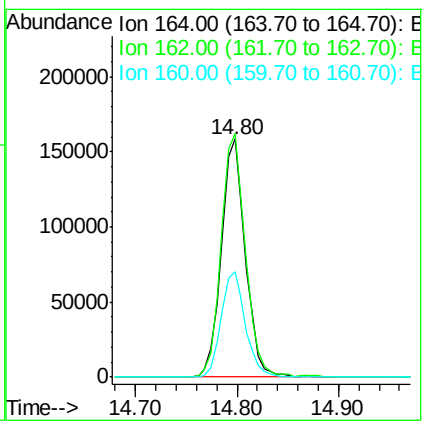


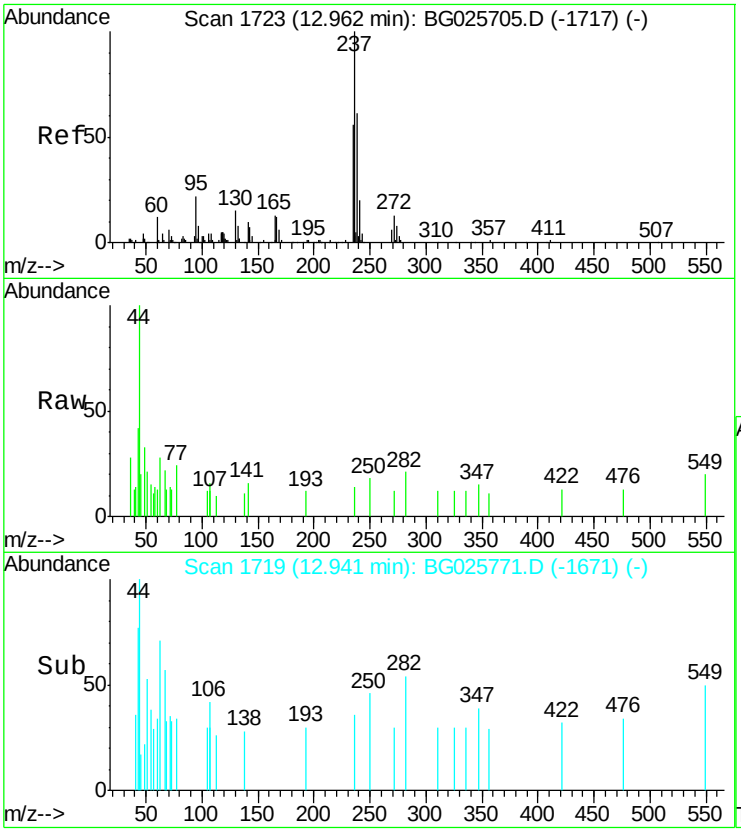


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion:164 Resp: 258927

Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.1	127.7
160	44.4	34.7	52.1



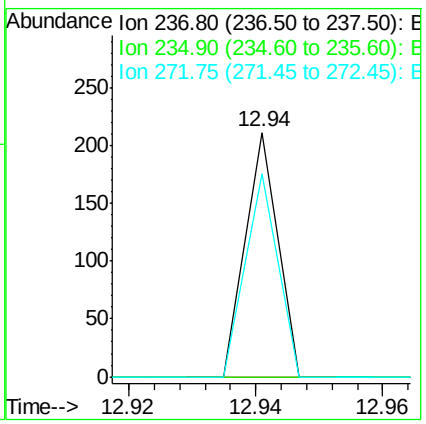


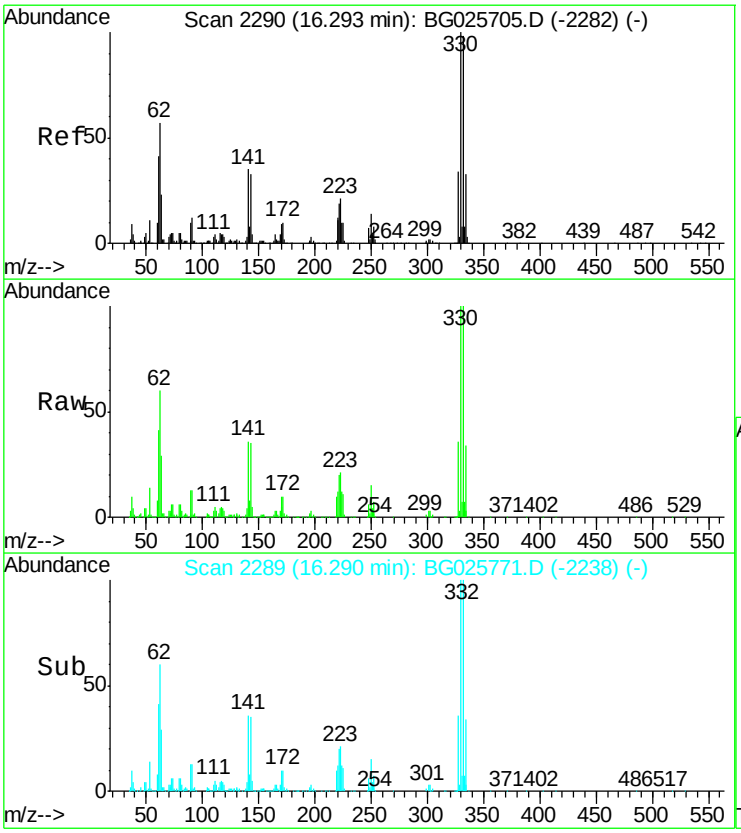
#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 12.94 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:237 Resp: 74

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	82.9	0.0	32.0#

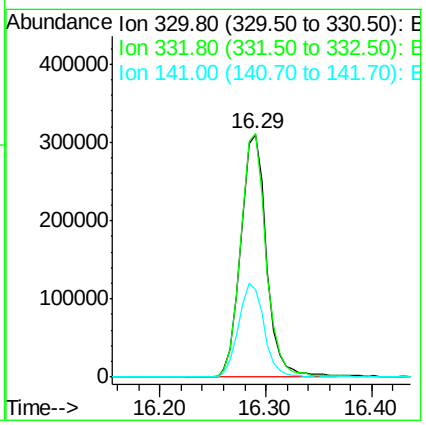


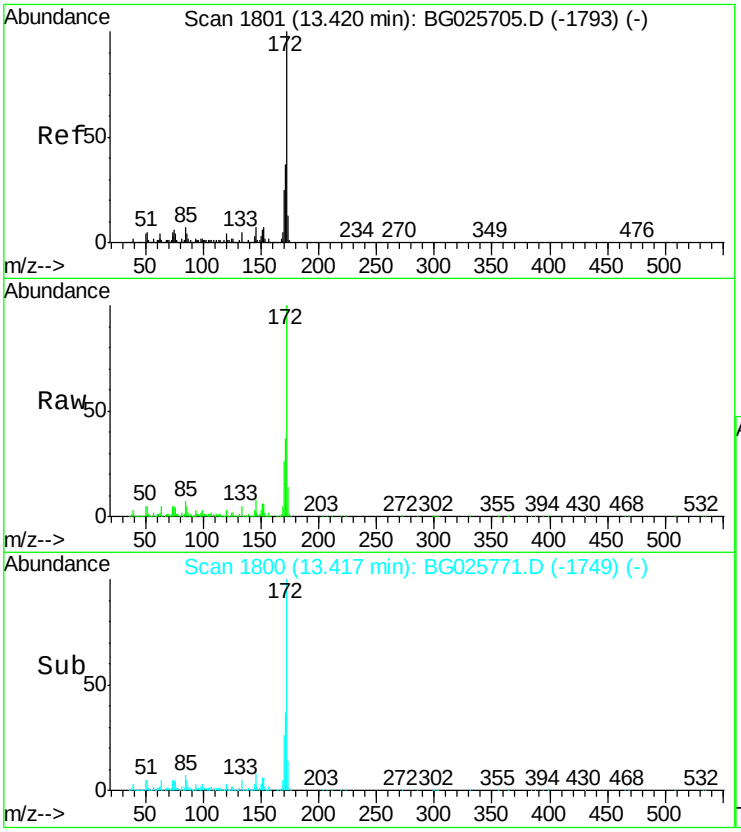


#41
2,4,6-Tribromophenol
Concen: 142.24 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion:330 Resp: 525230

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	38.2	32.1	48.1



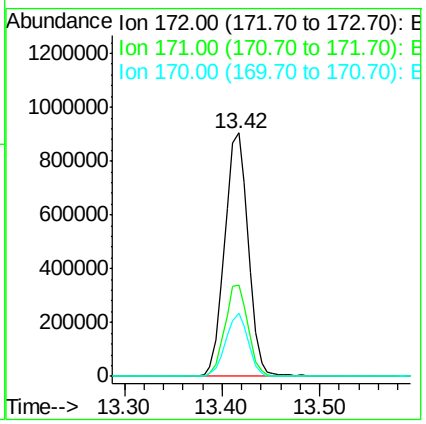


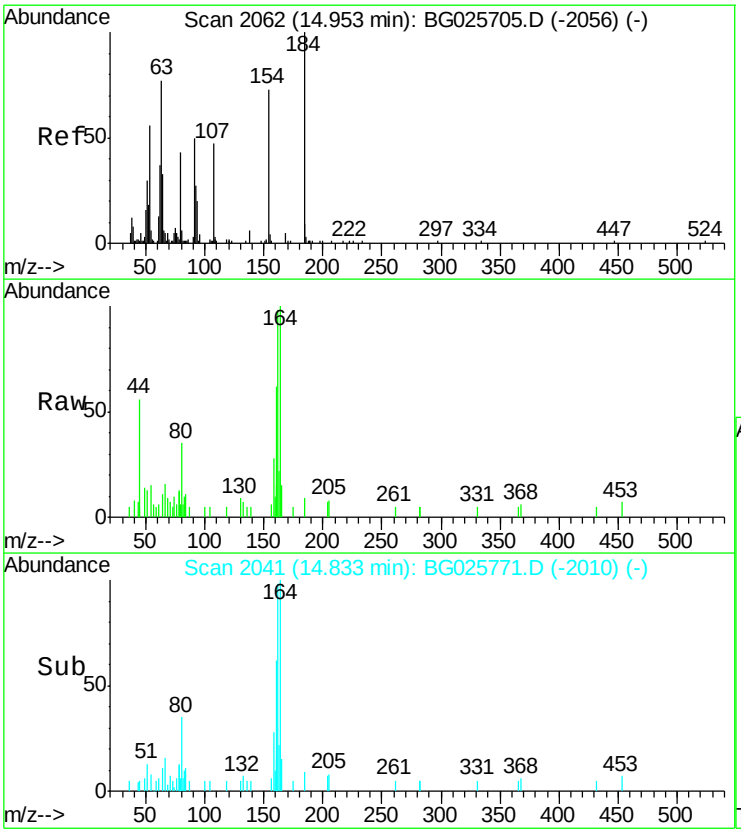
#44
2-Fluorobiphenyl
Concen: 94.88 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:172 Resp: 1512690

Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	26.0	21.8	32.6

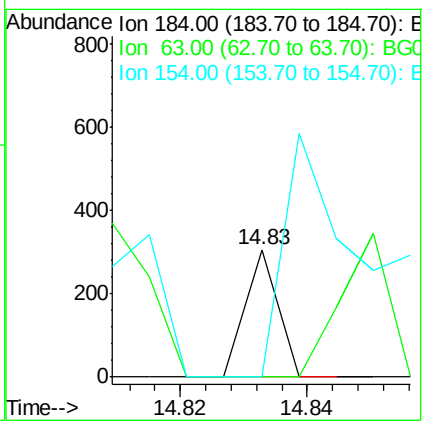


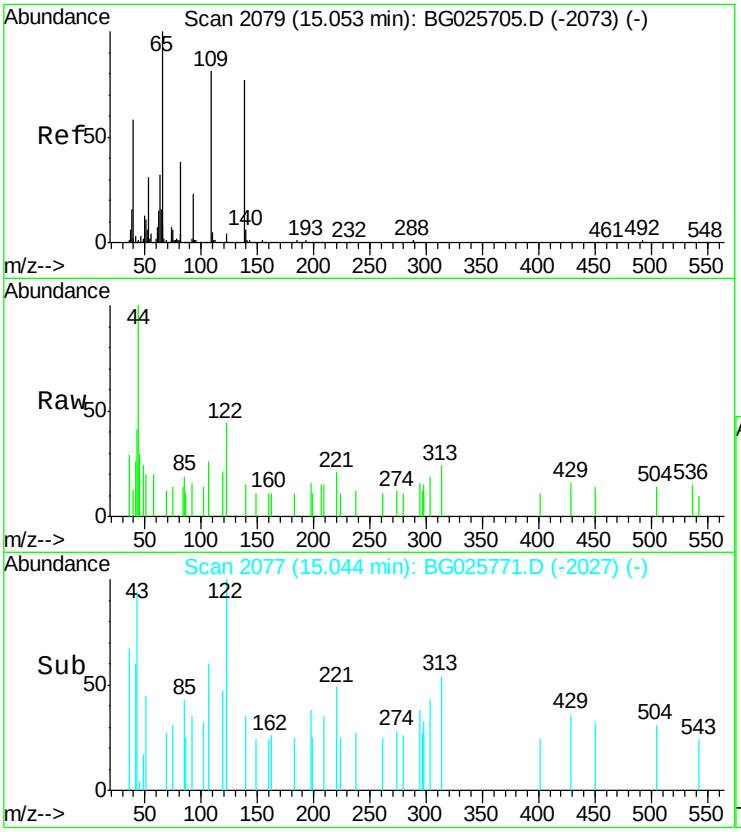


#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.12 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#



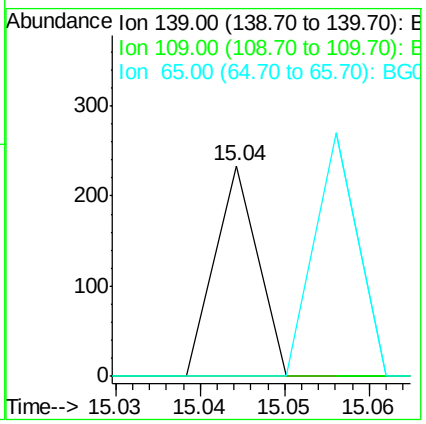


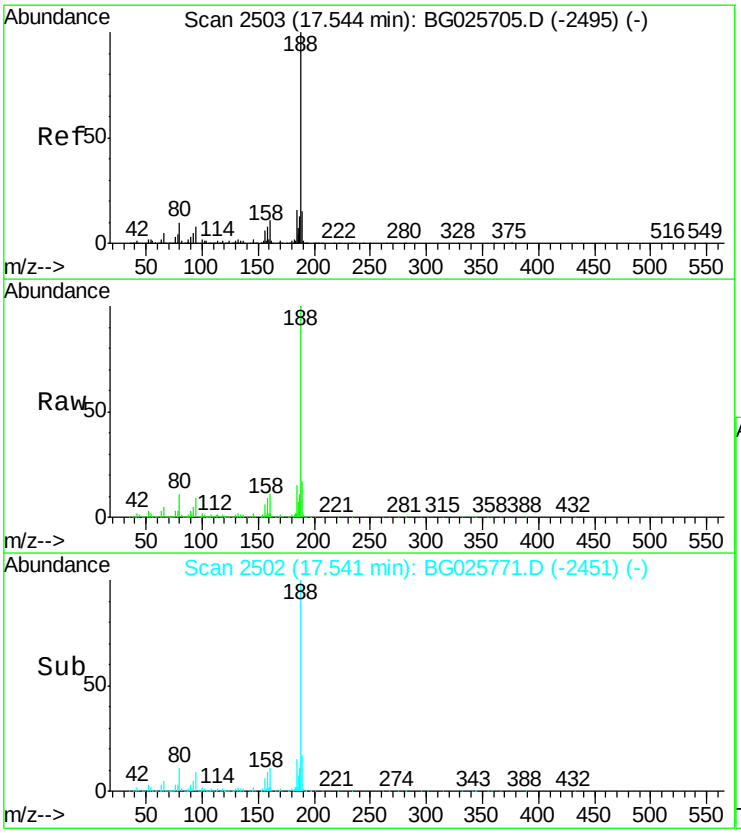
#55
4-Nitrophenol
Concen: 5.61 ng
RT: 15.04 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:139 Resp: 83

Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#

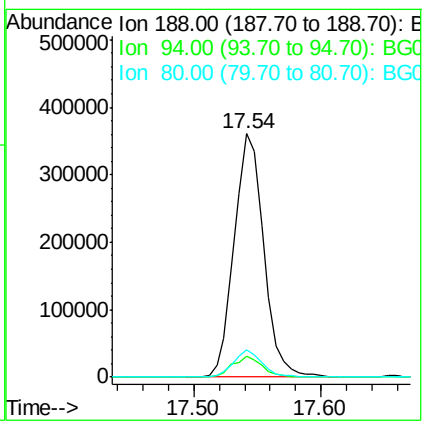


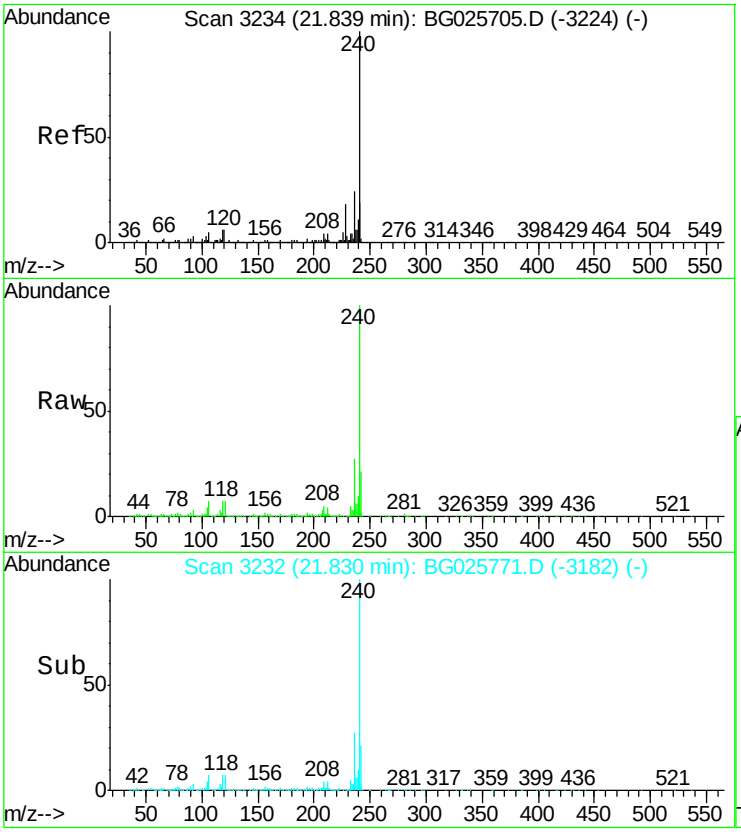


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion:188 Resp: 582515

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.8#
80	11.2	7.5	11.3



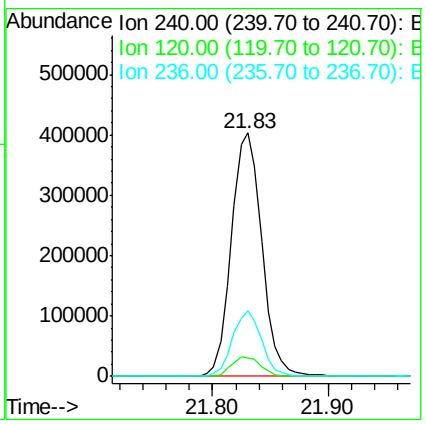


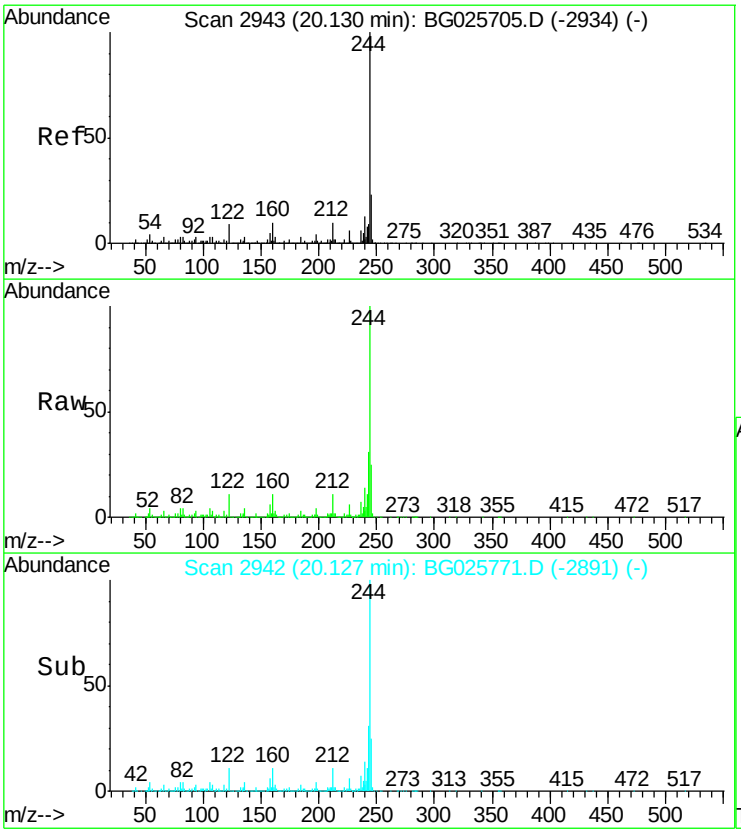
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:240 Resp: 734026

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.7	8.5
236	27.2	22.2	33.4

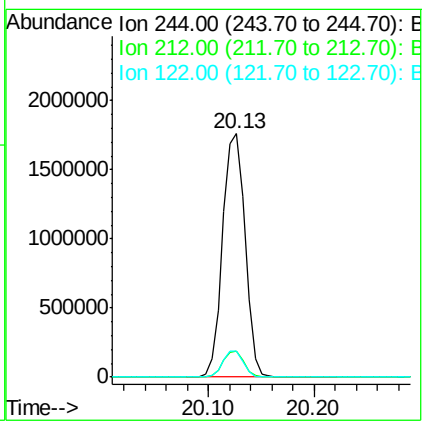


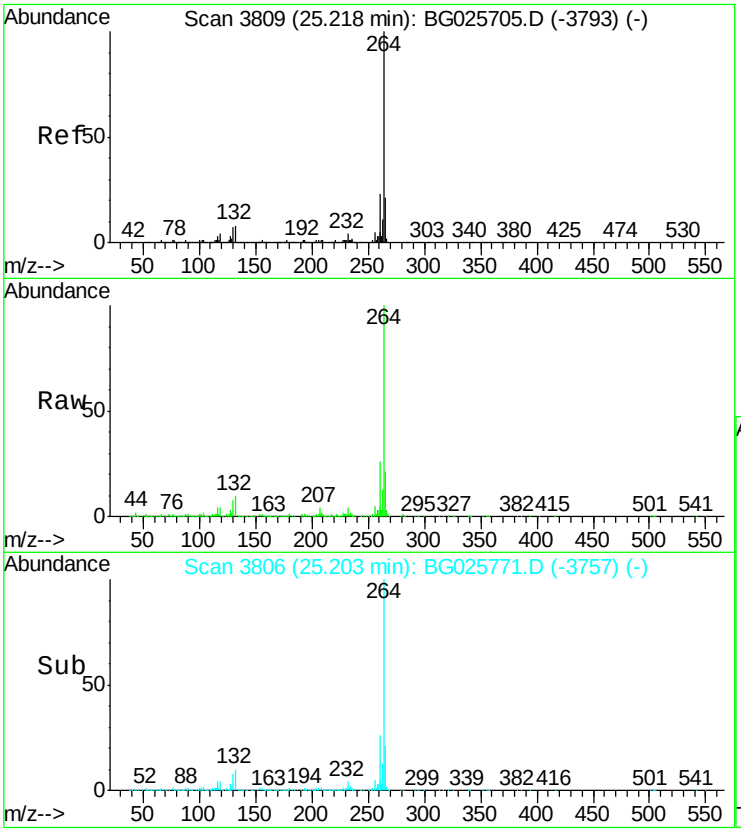


#78
Terphenyl-d14
Concen: 85.02 ng
RT: 20.13 min Scan# 2942
Delta R.T. -0.00 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Tgt Ion:244 Resp: 2585527

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	10.9	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BG025771.D
Acq: 2 Feb 2017 23:35

Instrument :
BNA_G
ClientSampleId :
WC-B1-B2-001

Tgt Ion:264 Resp: 706196

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.8	32.8
265	21.2	18.2	27.4