Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

Quant Time: Dec 07 01:20:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	34686	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	145375	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	103973	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	244836	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	303662	20.00	ng	-0.03
86) Perylene-d12	25.04	264	287812	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	125998	65.65	ng	-0.01
7) Phenol-d6	7.26	99	114577	39.54	ng	-0.02
23) Nitrobenzene-d5	9.28	82	295852	103.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	204192	128.35	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	682494	89.63	ng	-0.02
78) Terphenyl-d14	20.09	244	1051288	84.44	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	9.23	117	21535	20.99	ng	# 1
24) Nitrobenzene	9.31	77	6219	2.01	ng	# 14
32) Benzoic acid	10.13	122	472	6.25	ng	# 1
37) 2-Methylnaphthalene	12.80	142	46518	8.15	ng	# 91
53) 2,4-Dinitrophenol	15.03	184	316	9.56	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.93	198	417	6.37	ng	# 1

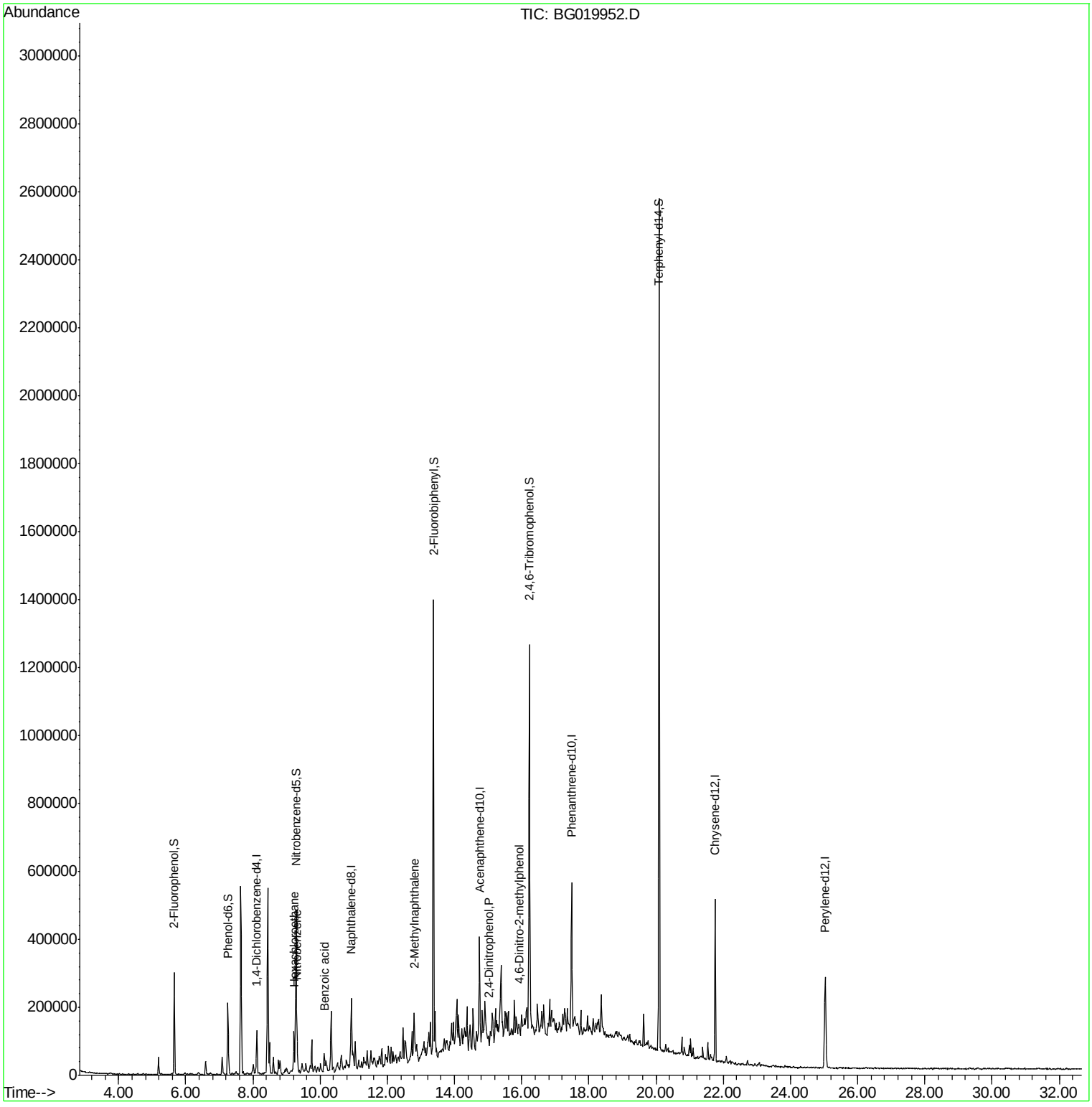
(#) = qualifier out of range (m) = manual integration (+) = signals summed

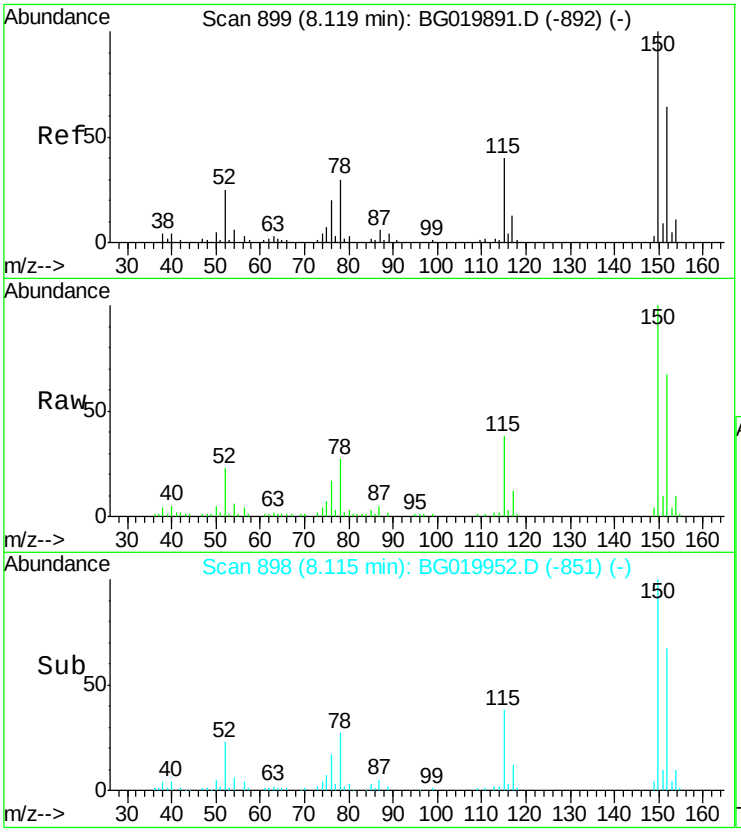
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
Data File : BG019952.D
Acq On : 5 Dec 2015 21:31
Operator : UM/NP
Sample : G4630-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-18

Quant Time: Dec 07 01:20:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



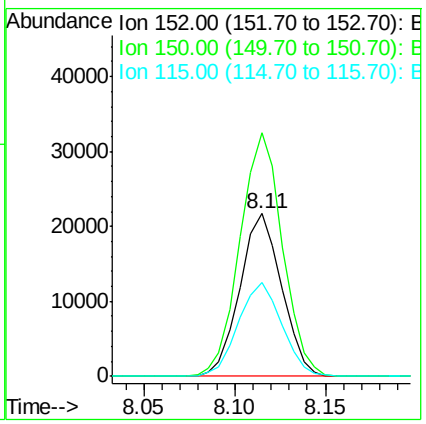


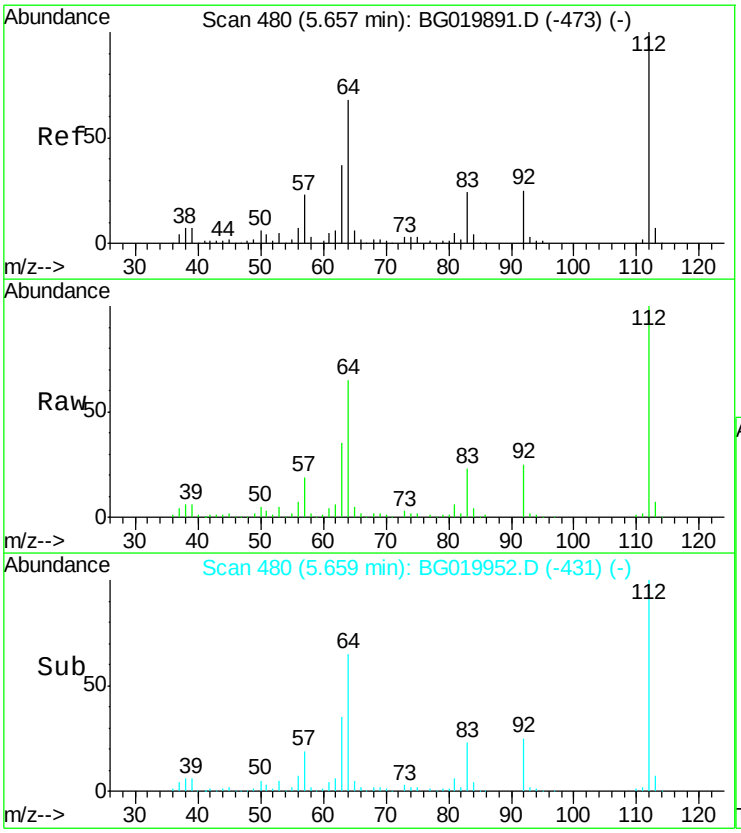
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 34686

Ion	Ratio	Lower	Upper
152	100		
150	149.9	115.0	172.4
115	57.5	43.9	65.9

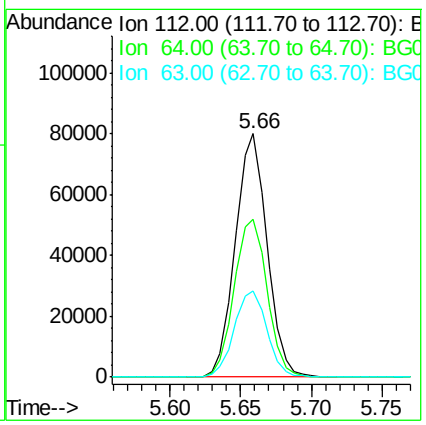


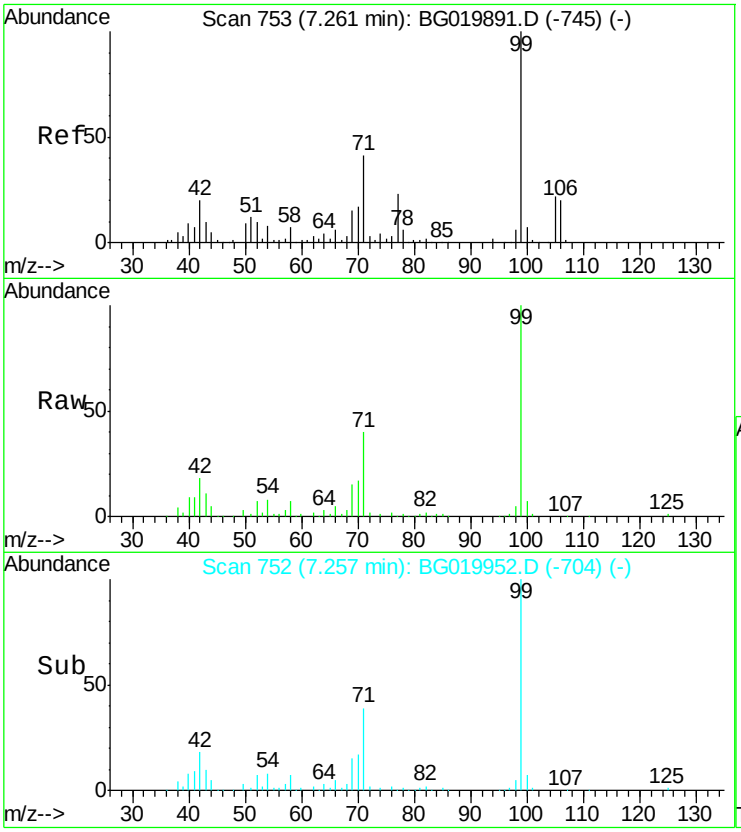


#5
2-Fluorophenol
Concen: 65.65 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:112 Resp: 125998

Ion	Ratio	Lower	Upper
112	100		
64	64.6	43.7	65.5
63	35.4	24.0	36.0



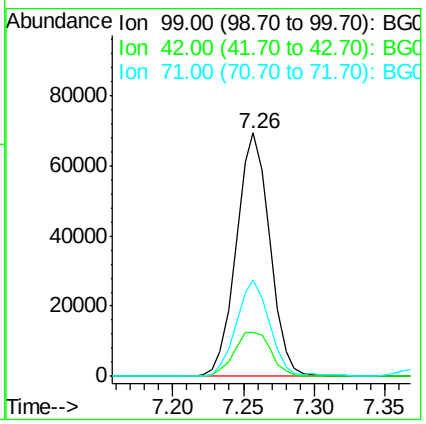


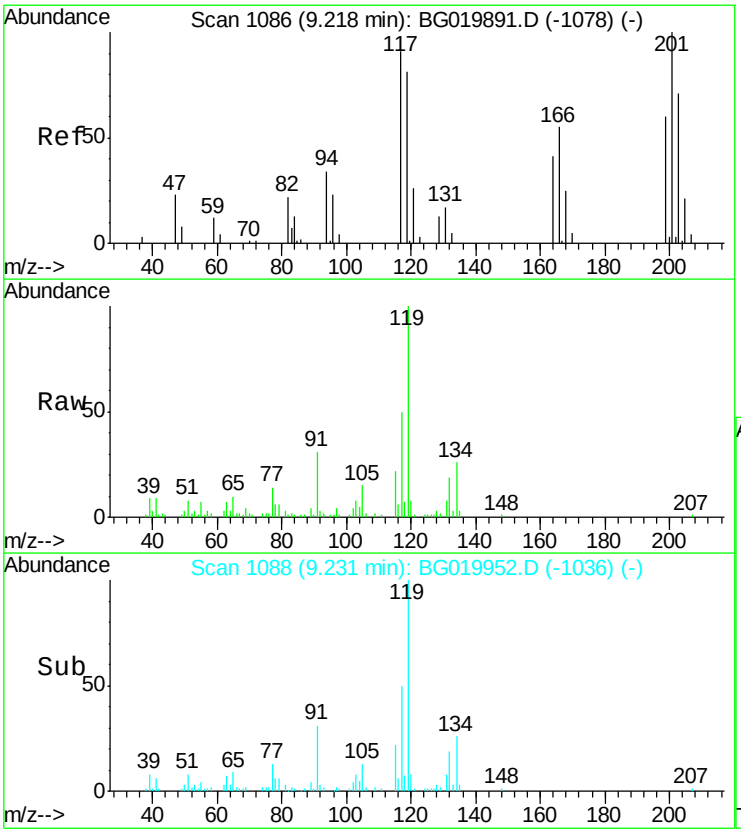
#7
Phenol-d6
Concen: 39.54 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion: 99 Resp: 114577

Ion	Ratio	Lower	Upper
99	100		
42	18.3	11.5	17.3#
71	39.6	22.6	34.0#

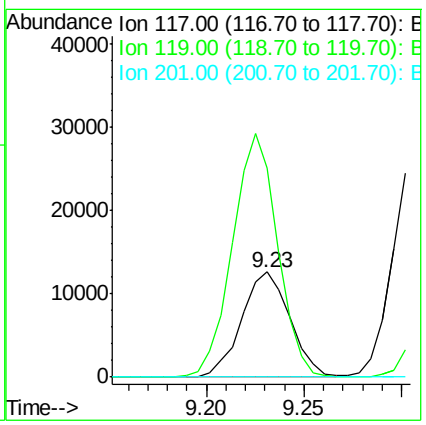


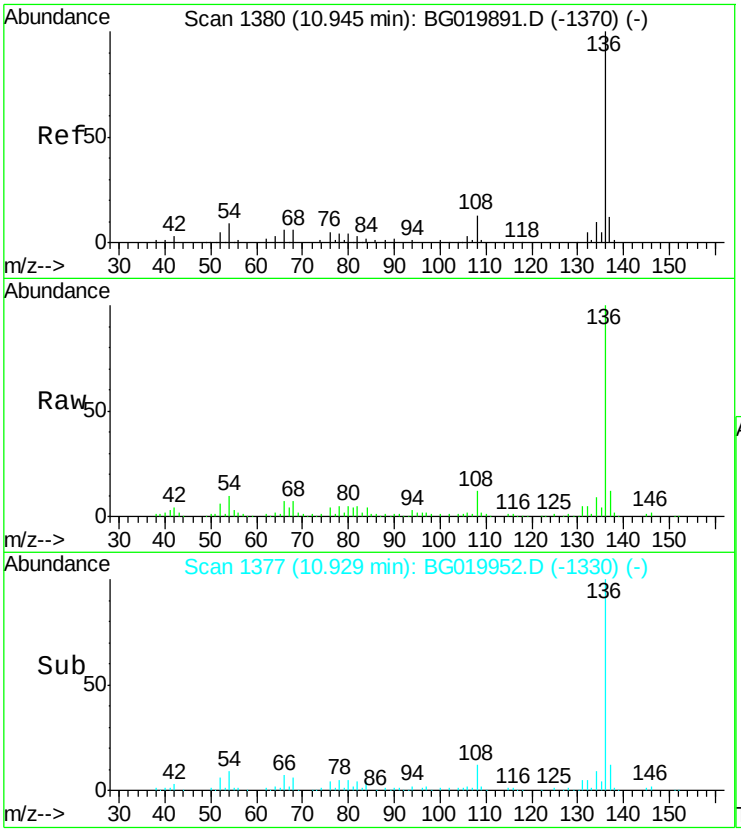


#18
Hexachloroethane
Concen: 20.99 ng
RT: 9.23 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:117 Resp: 21535

Ion	Ratio	Lower	Upper
117	100		
119	199.4	71.7	107.5#
201	0.0	90.9	136.3#



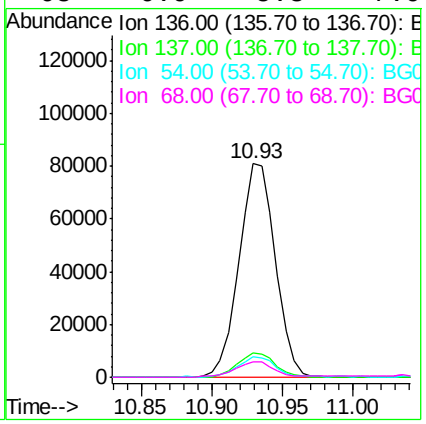


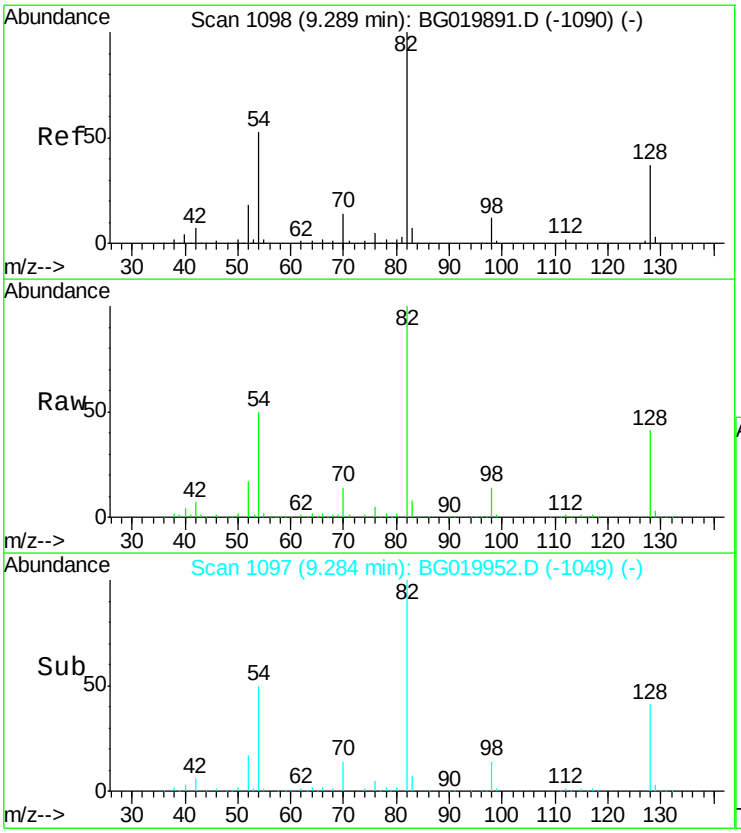
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:136 Resp: 145375

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	9.9	5.4	8.2#
68	6.9	5.3	7.9

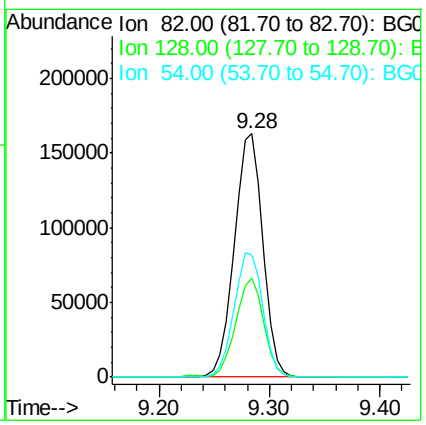


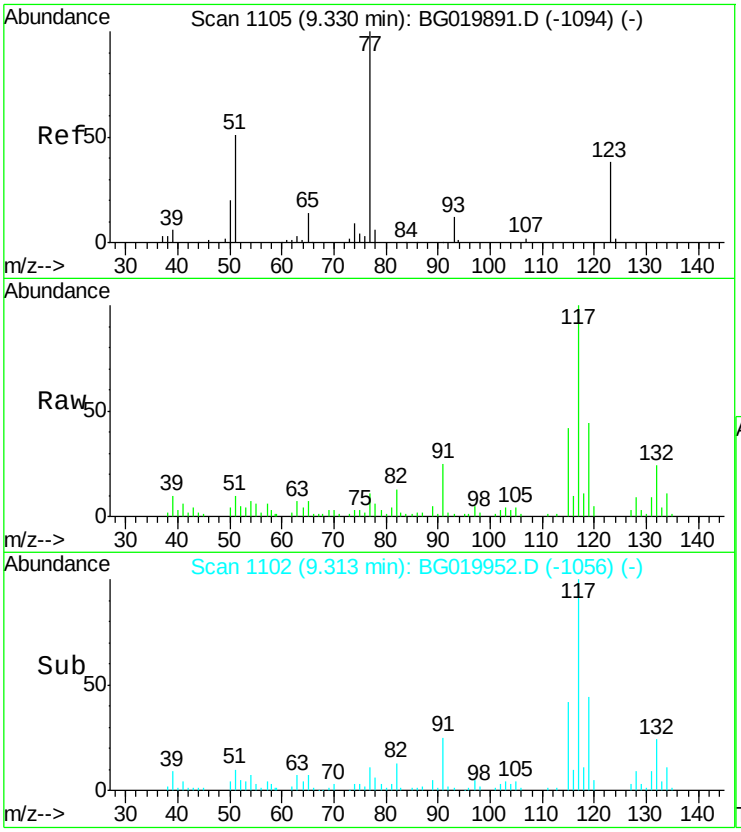


#23
Nitrobenzene-d5
Concen: 103.86 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion: 82 Resp: 295852

Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.7	55.1
54	50.0	33.8	50.8



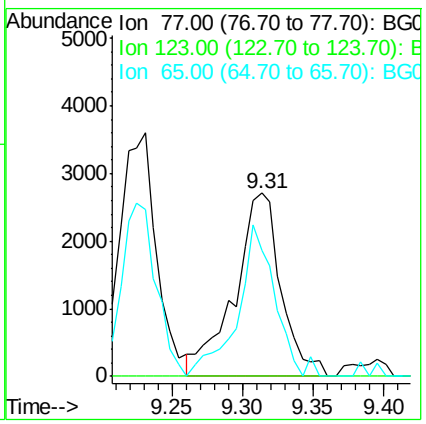


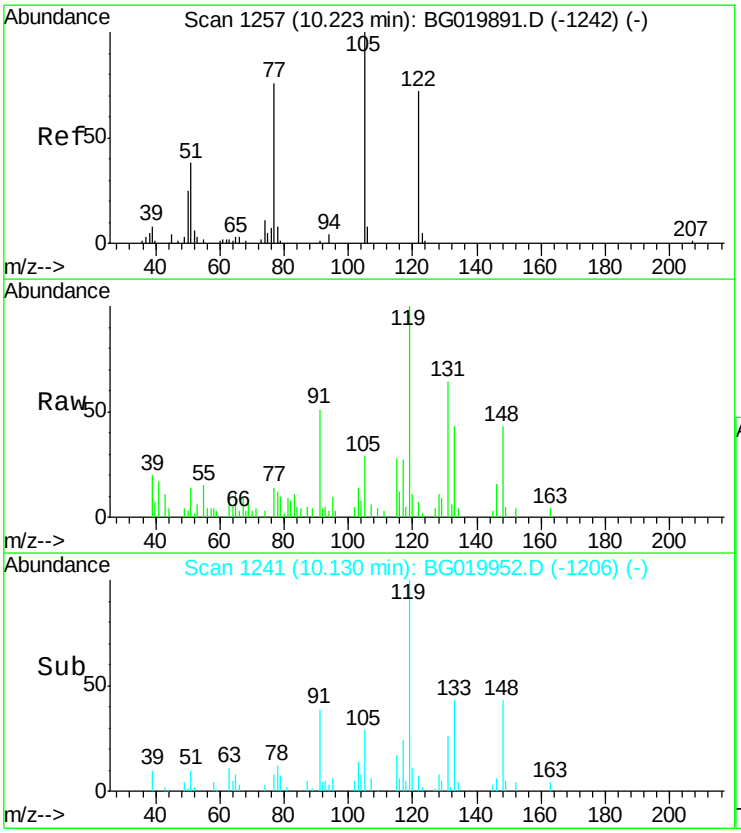
#24
Nitrobenzene
Concen: 2.01 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.03 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion: 77 Resp: 6219

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.2#
65	68.9	10.6	16.0#

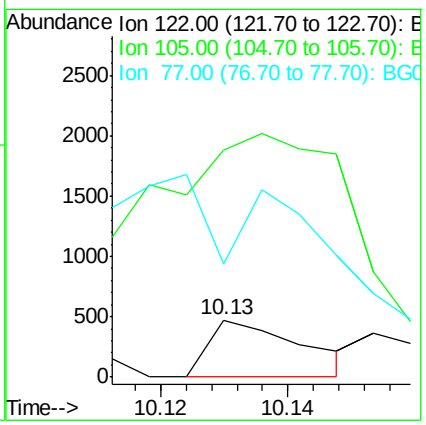


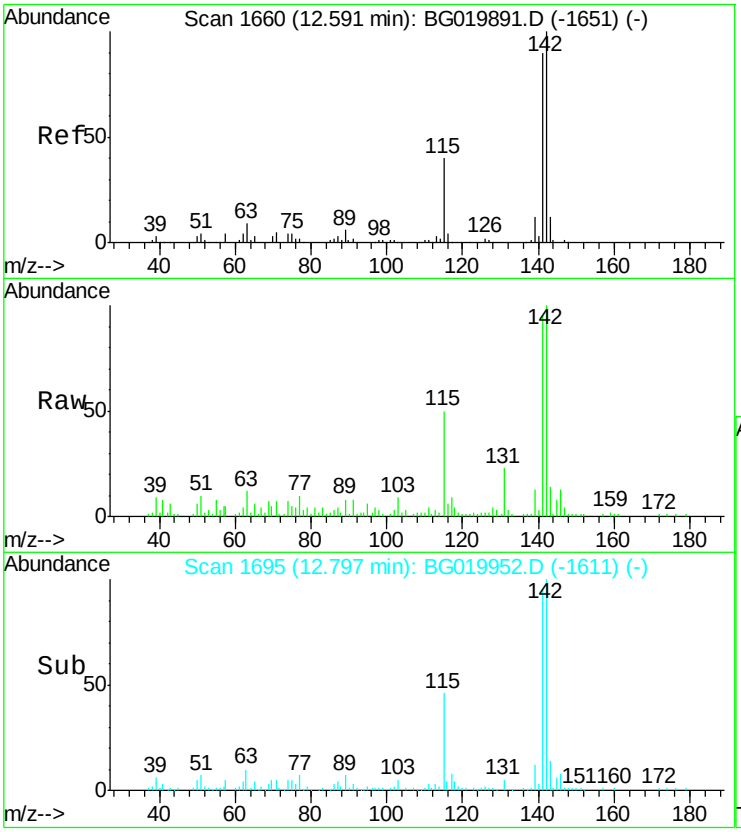


#32
Benzoic acid
Concen: 6.25 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.09 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:122 Resp: 472

Ion	Ratio	Lower	Upper
122	100		
105	397.0	103.8	143.8#
77	198.5	68.8	108.8#



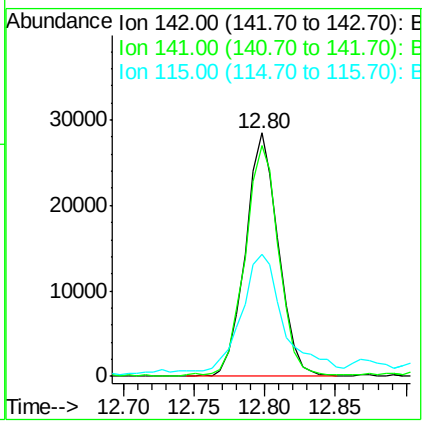


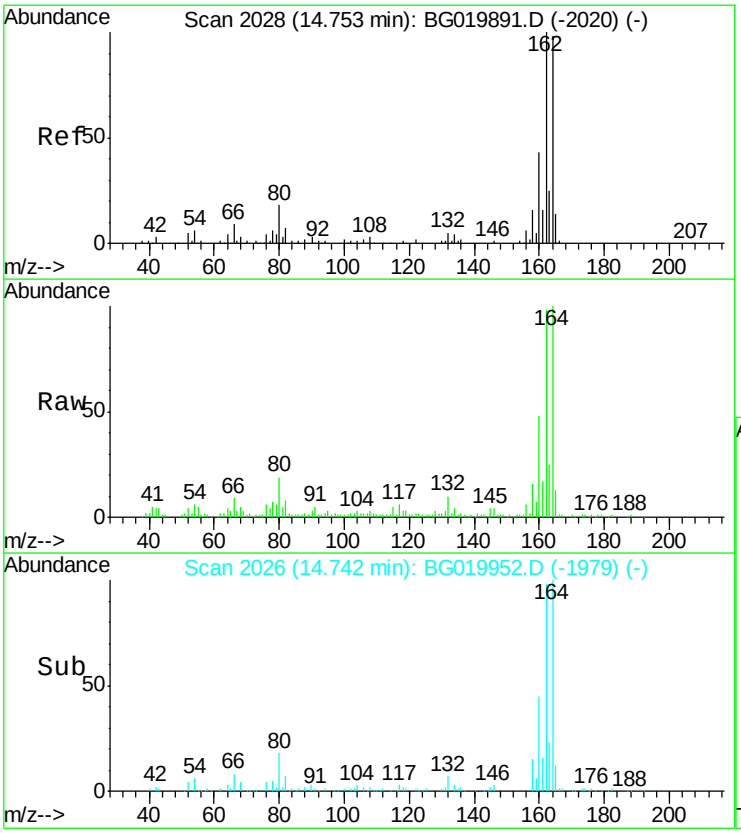
#37
2-Methylnaphthalene
Concen: 8.15 ng
RT: 12.80 min Scan# 1695
Delta R.T. 0.19 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:142 Resp: 46518

Ion	Ratio	Lower	Upper
142	100		
141	94.9	74.6	112.0
115	50.2	27.4	41.0#

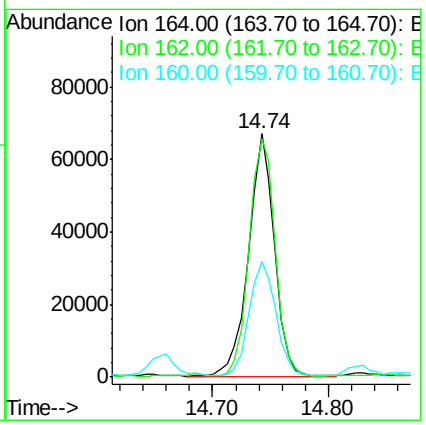


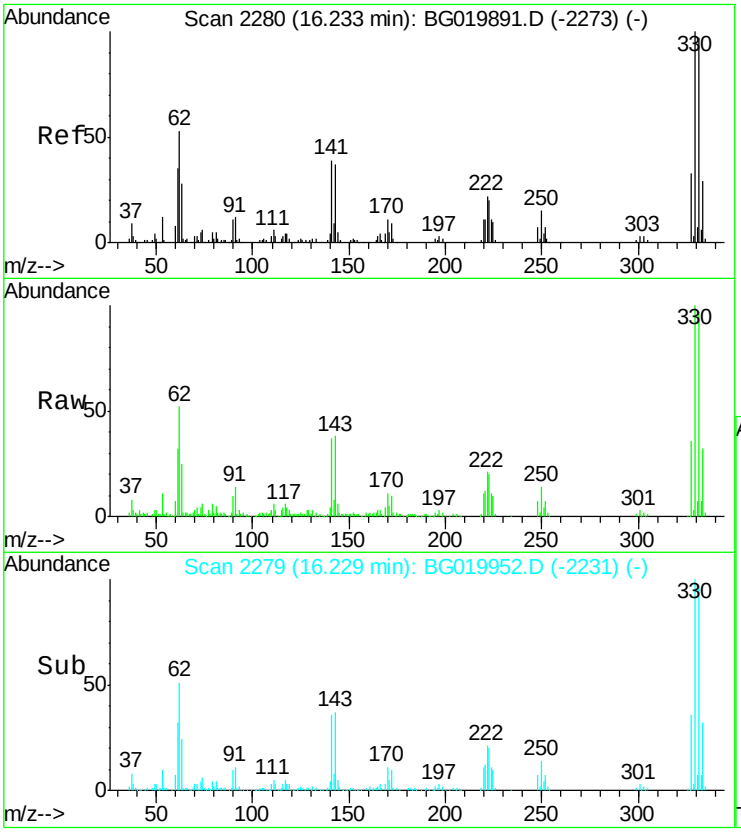


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:164 Resp: 103973

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	47.5	36.4	54.6



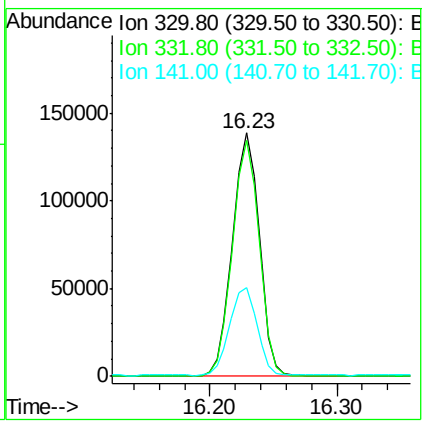


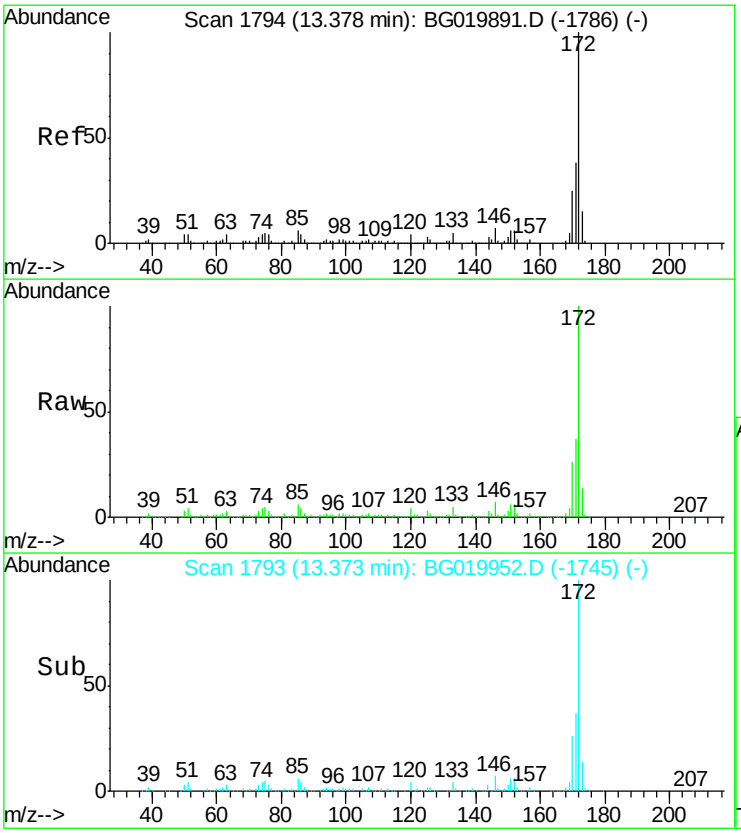
#41
2,4,6-Tribromophenol
Concen: 128.35 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:330 Resp: 204192

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	37.3	28.2	42.2

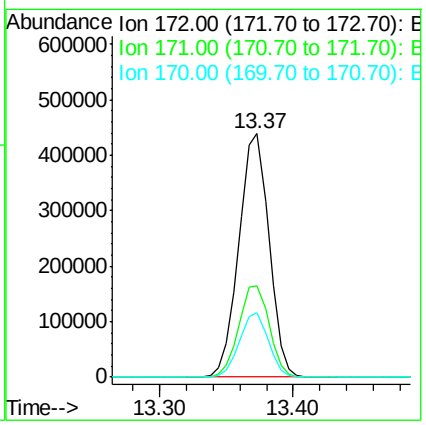


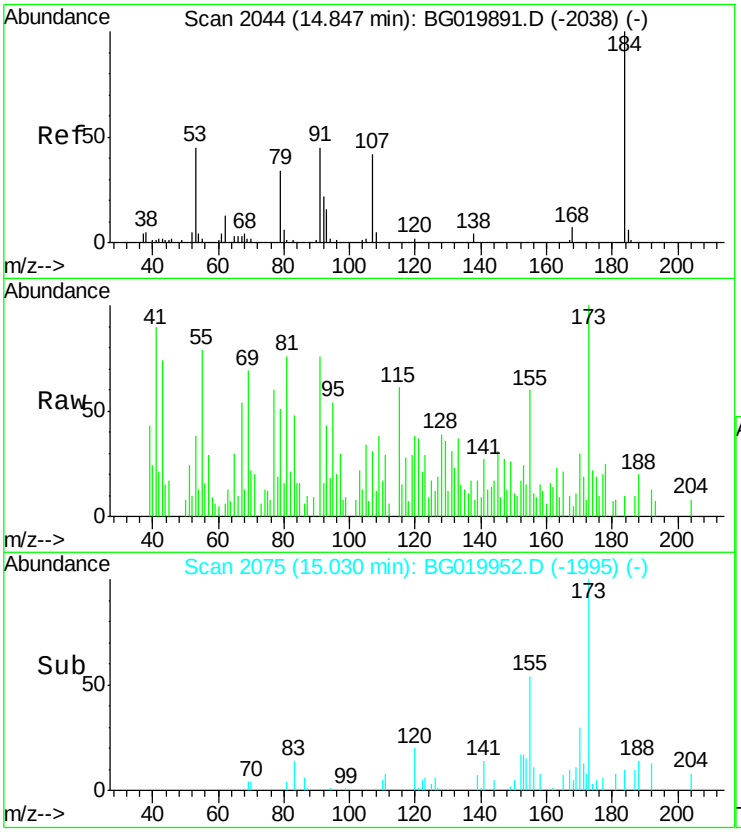


#44
2-Fluorobiphenyl
Concen: 89.63 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:172 Resp: 682494

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	26.5	19.9	29.9



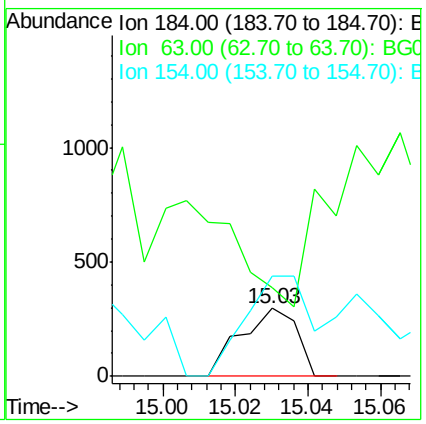


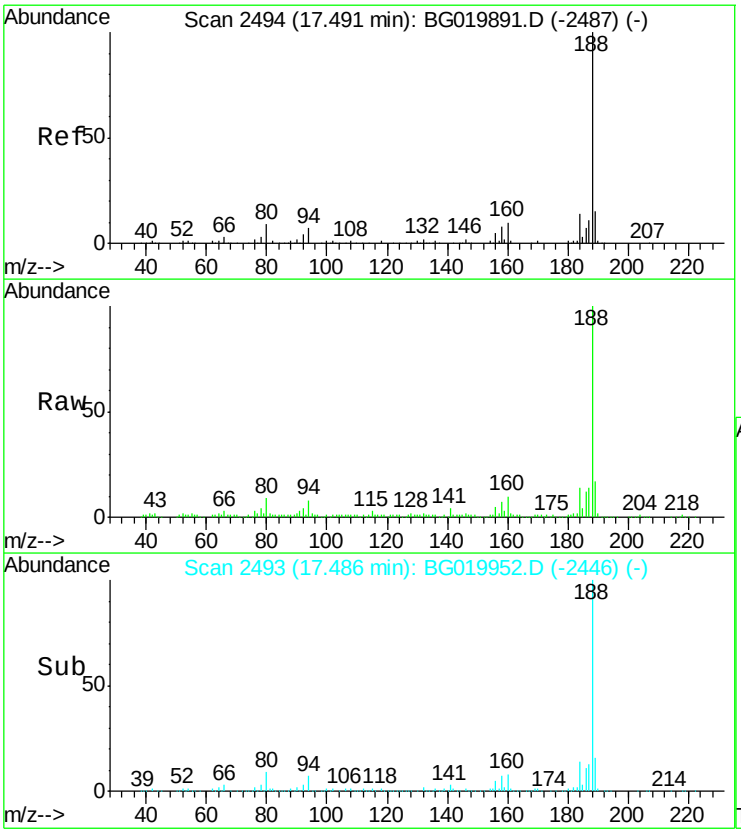
#53
2,4-Dinitrophenol
Concen: 9.56 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.17 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:184 Resp: 316

Ion	Ratio	Lower	Upper
184	100		
63	130.6	42.7	64.1#
154	147.5	44.3	66.5#

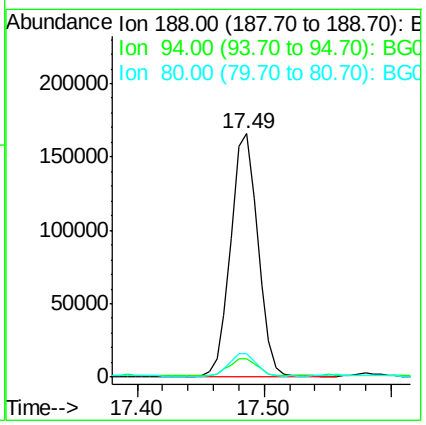


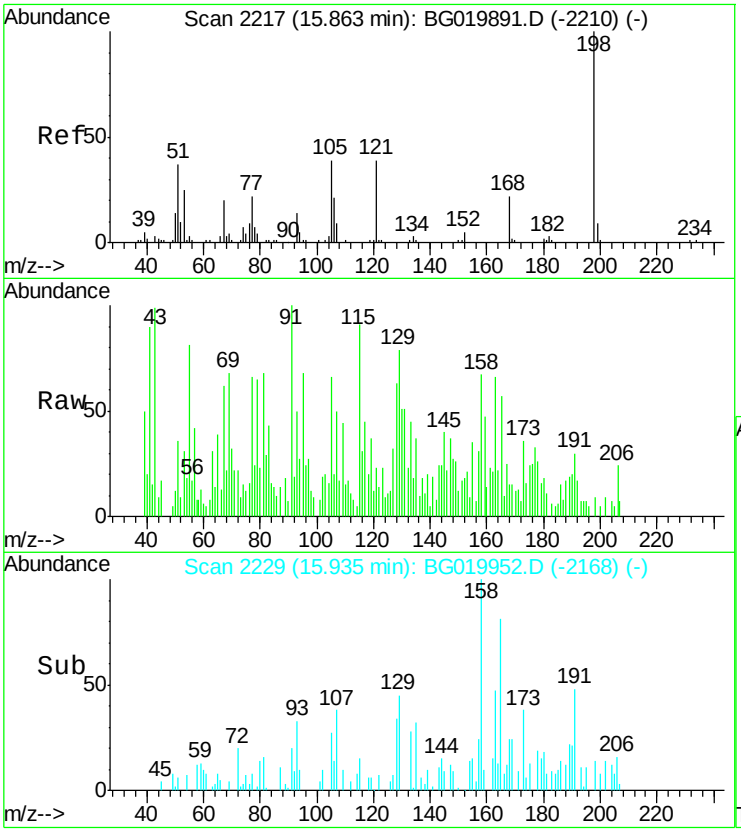


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:188 Resp: 244836

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	9.5	7.8	11.8



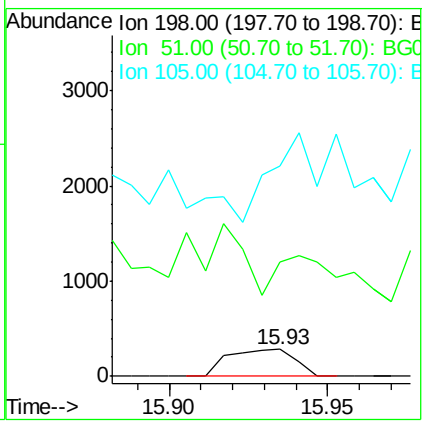


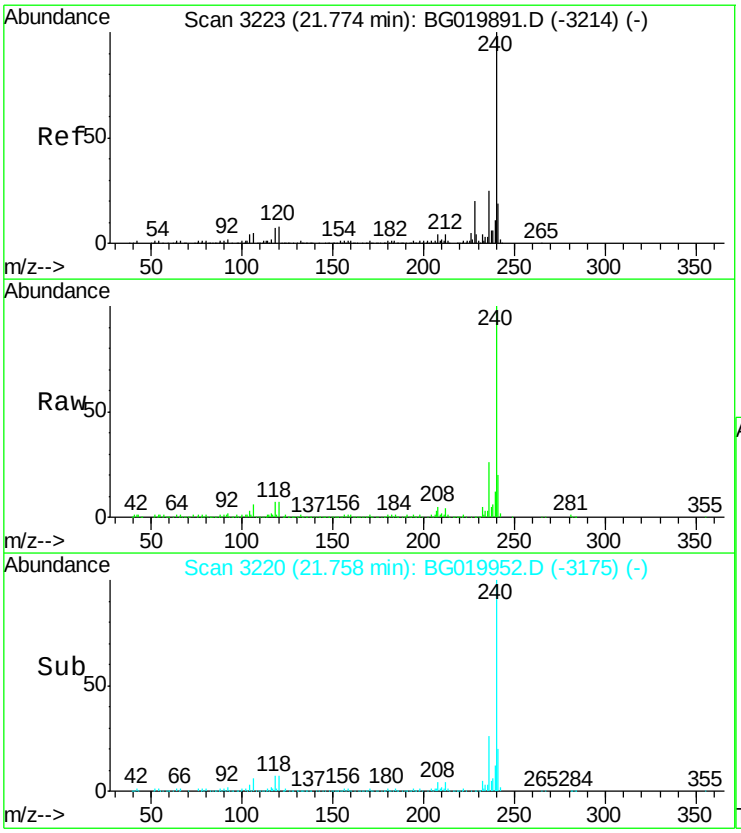
#64
4,6-Dinitro-2-methylphenol
Concen: 6.37 ng
RT: 15.93 min Scan# 2229
Delta R.T. 0.06 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:198 Resp: 417

Ion	Ratio	Lower	Upper
198	100		
51	417.8	14.2	54.2#
105	771.0	21.1	61.1#

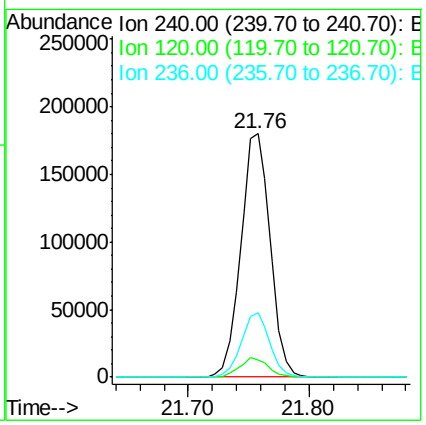


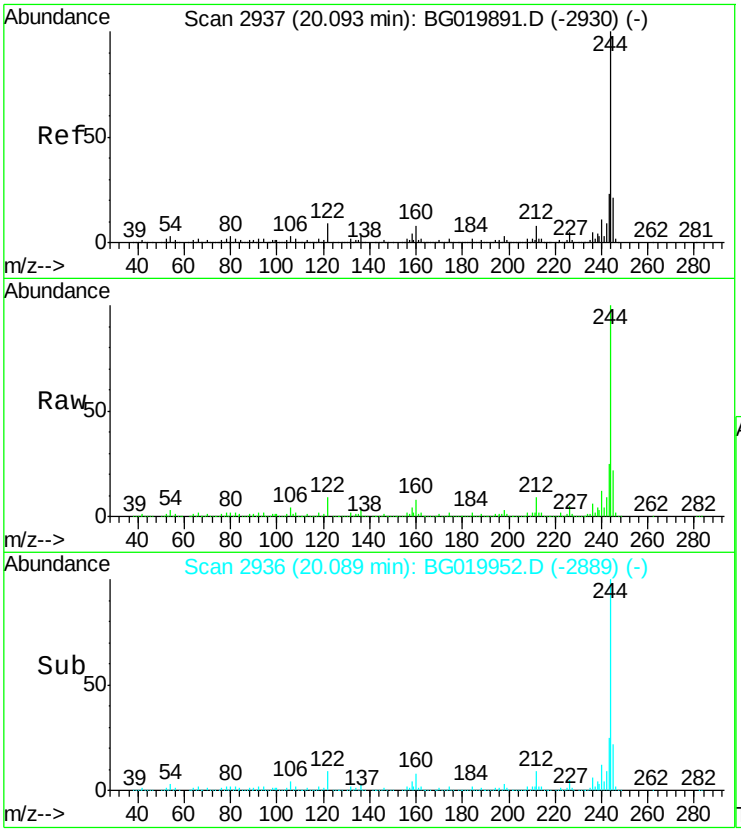


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.03 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:240 Resp: 303662

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.4	11.0#
236	26.2	20.7	31.1



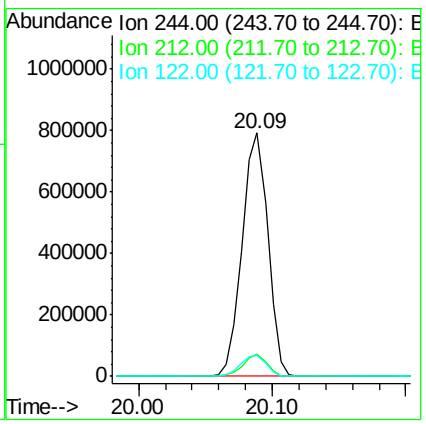


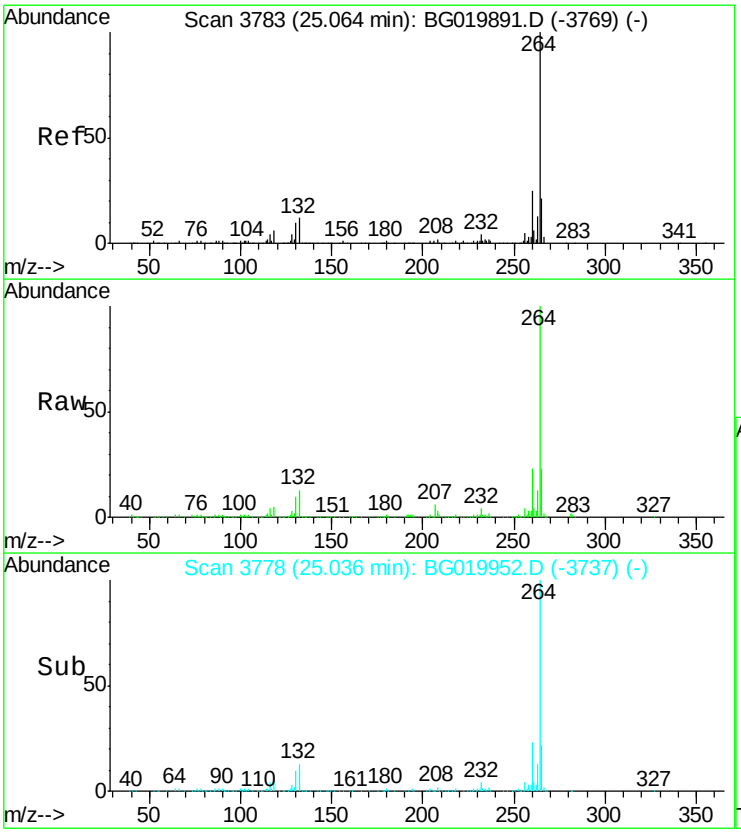
#78
Terphenyl-d14
Concen: 84.44 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:244 Resp: 1051288

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	8.8	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG019952.D
Acq: 5 Dec 2015 21:31

Tgt Ion:264 Resp: 287812

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.5	17.2	25.8