Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
Data File : BG025793.D
Acq On : 3 Feb 2017 13:54
Operator : SJ/MA
Sample : I1646-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 03 15:04:37 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	8.17	152	71004	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	313454	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	255695	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	583849	20.00	ng	0.00
75) Chrysene-d12	21.83	240	711246	20.00	ng	-0.01
86) Perylene-d12	25.21	264	709869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	269934	68.13	ng	0.00
7) Phenol-d6	7.33	99	247327	42.74	ng	0.00
23) Nitrobenzene-d5	9.35	82	667194	89.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	493202	135.25	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1348473	85.65	ng	0.00
78) Terphenyl-d14	20.12	244	2517282	85.43	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.48	79	10314	2.06	ng	# 62
32) Benzoic acid	10.18	122	160	7.93	ng	# 1
40) Hexachlorocyclopentadiene	12.87	237	88	10.71	ng	# 29
53) 2,4-Dinitrophenol	14.93	184	71	9.47	ng	# 55
55) 4-Nitrophenol	15.16	139	55	5.60	ng	# 1

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

Quantitation Report (Not Reviewed)

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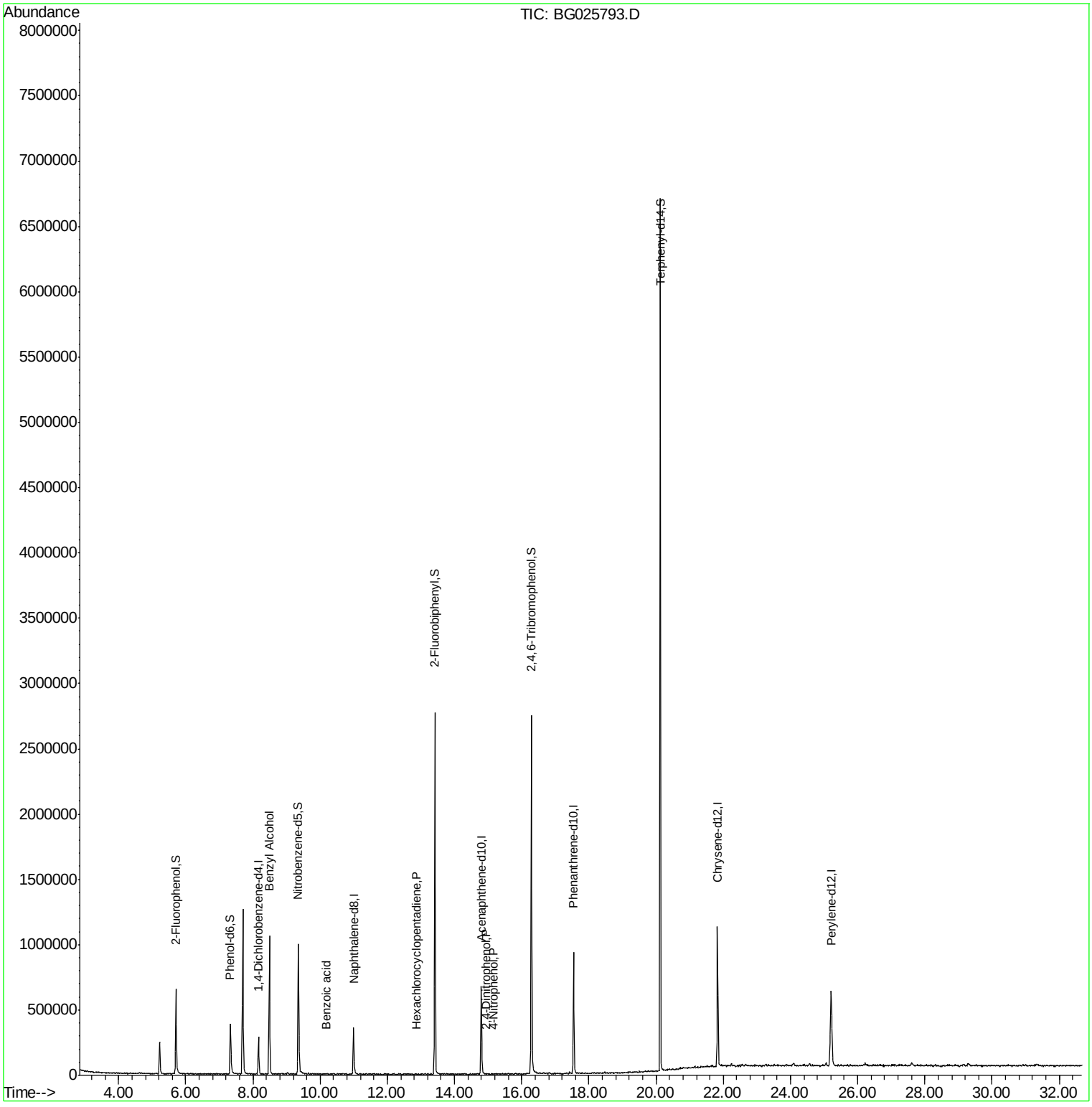
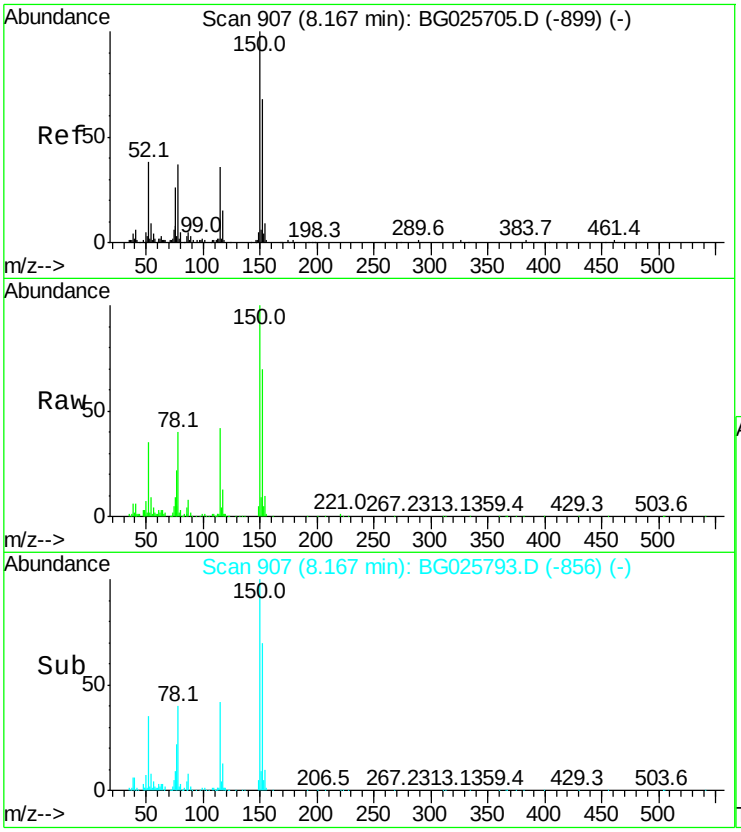


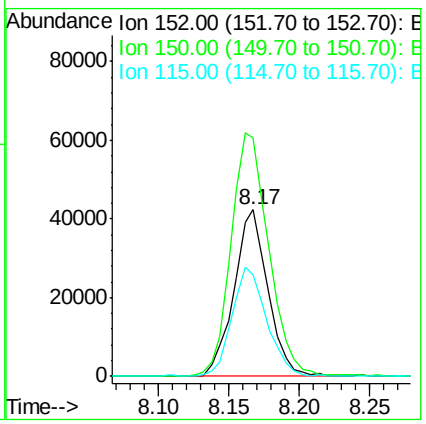


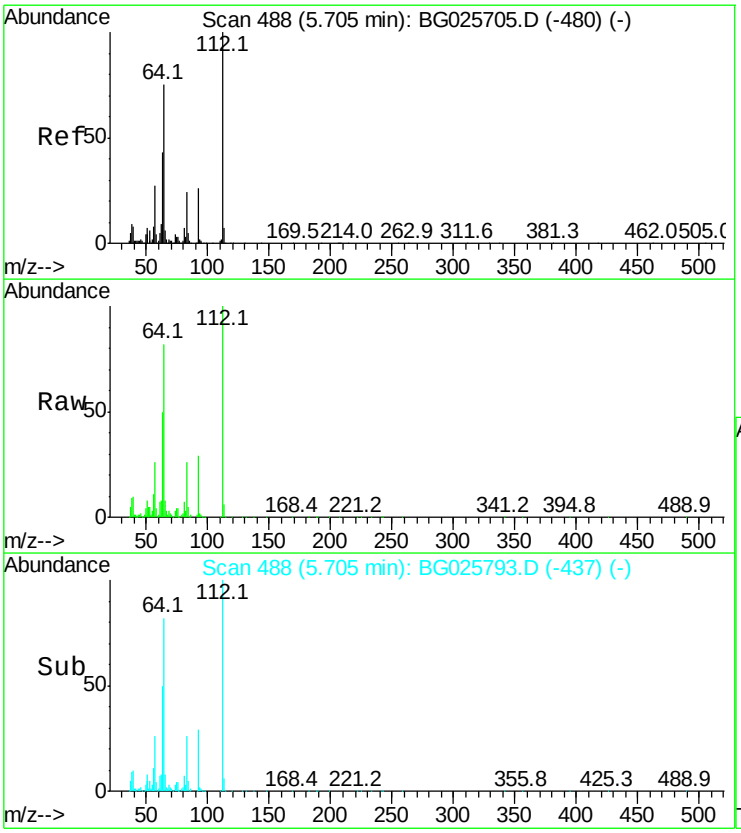
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71004

Ion	Ratio	Lower	Upper
152	100		
150	143.8	114.0	171.0
115	61.1	48.1	72.1

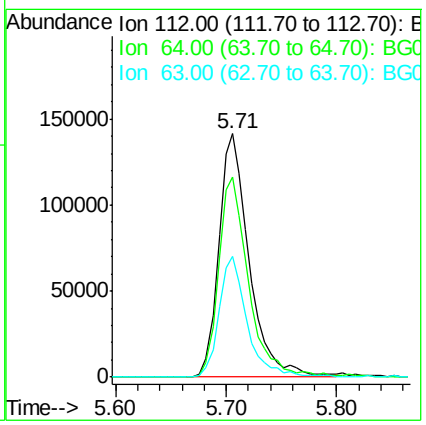


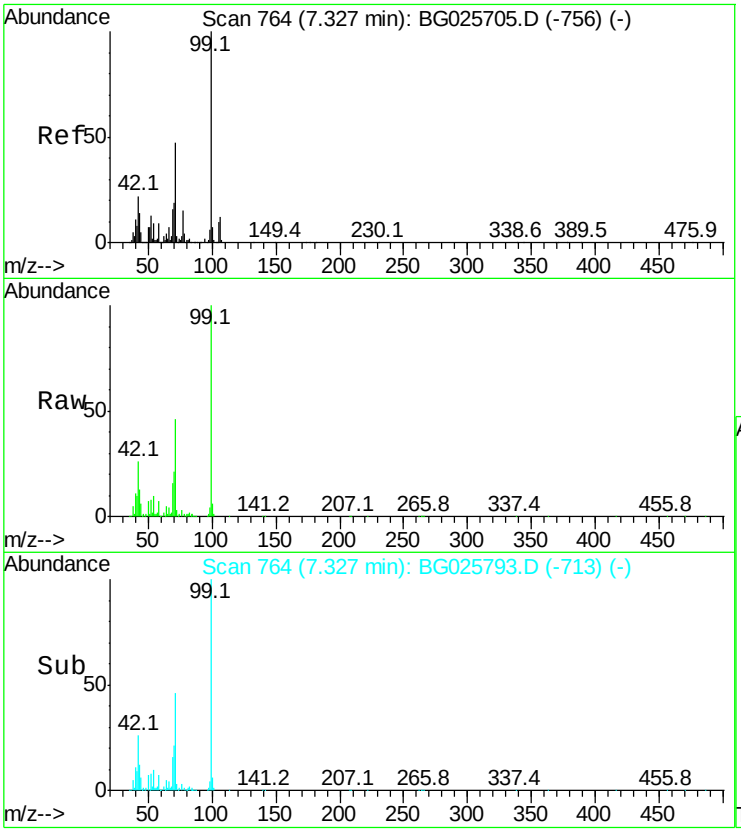


#5
2-Fluorophenol
Concen: 68.13 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion:112 Resp: 269934

Ion	Ratio	Lower	Upper
112	100		
64	82.4	61.8	92.6
63	49.8	37.2	55.8



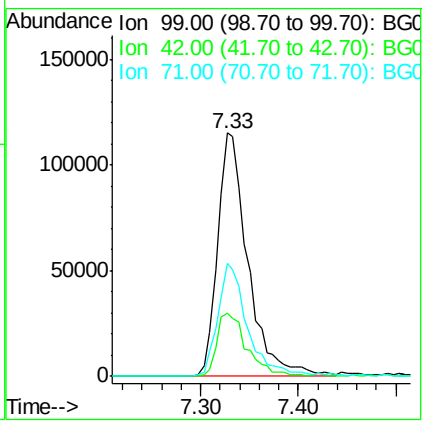


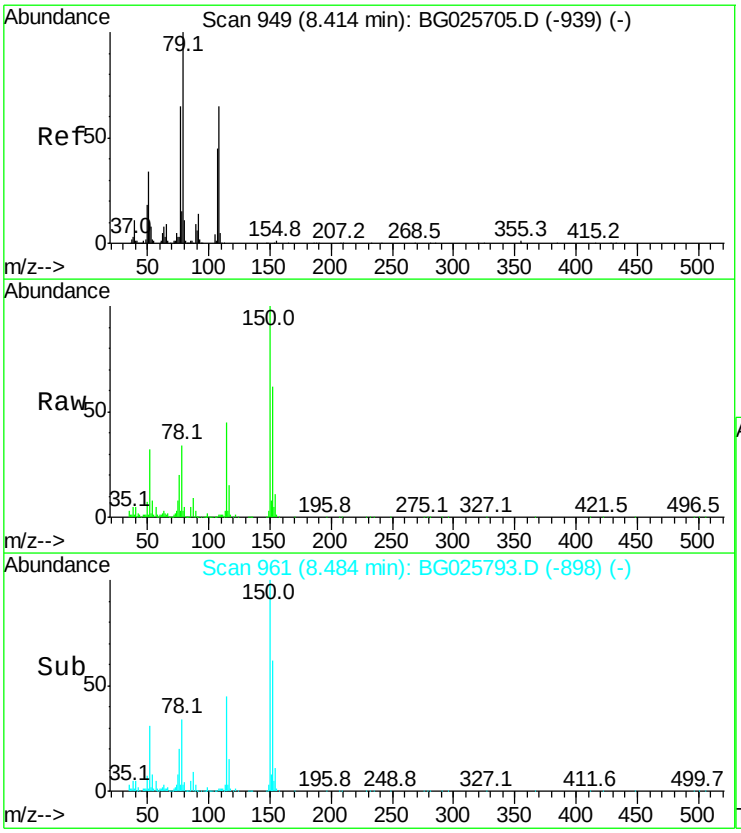
#7
Phenol-d6
Concen: 42.74 ng
RT: 7.33 min Scan# 764
Delta R.T. 0.00 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 247327

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.5	30.7
71	46.5	37.6	56.4

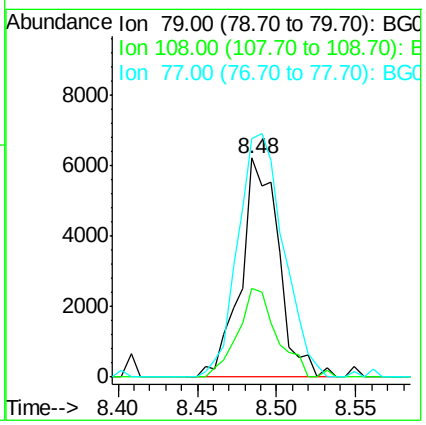


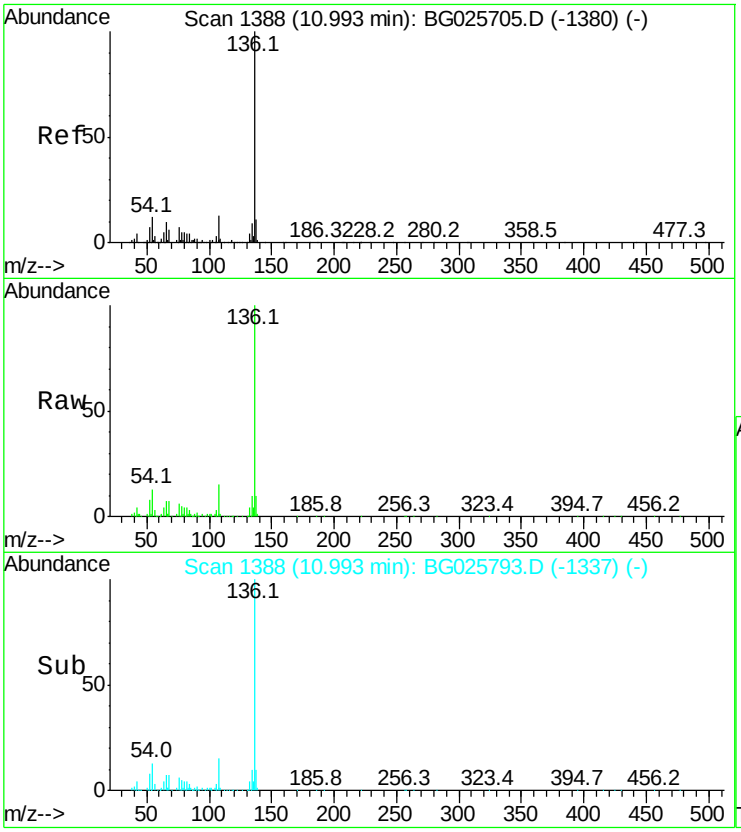


#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 8.48 min Scan# 961
Delta R.T. 0.07 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion: 79 Resp: 10314

Ion	Ratio	Lower	Upper
79	100		
108	40.7	45.5	68.3#
77	108.9	54.3	81.5#



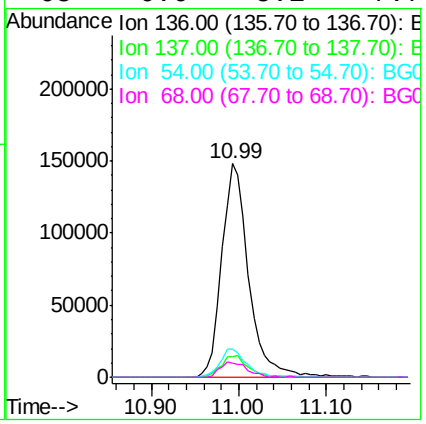


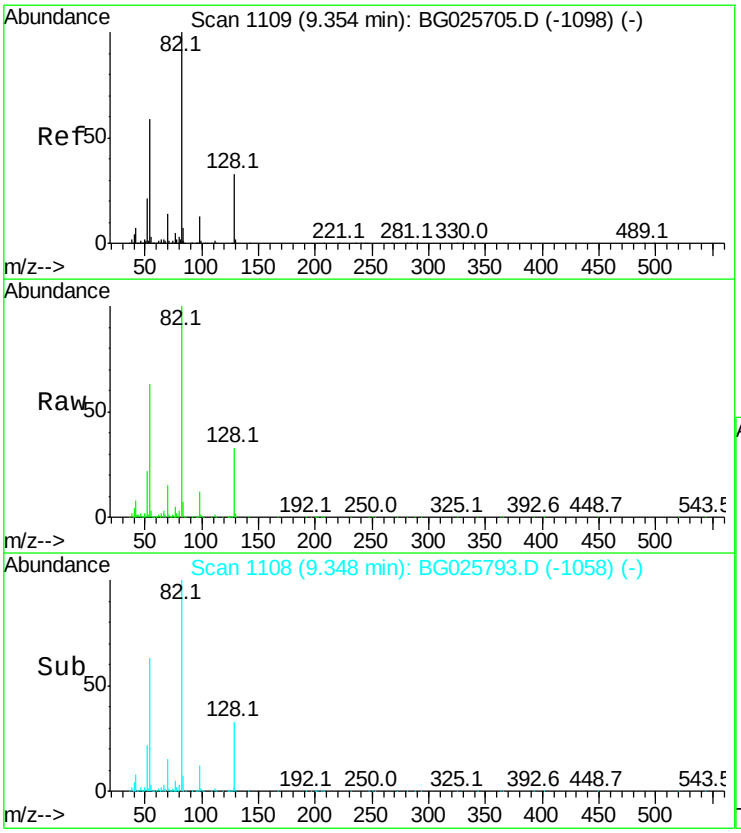
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 313454

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.9	13.3
54	12.9	9.3	13.9
68	6.6	5.1	7.7

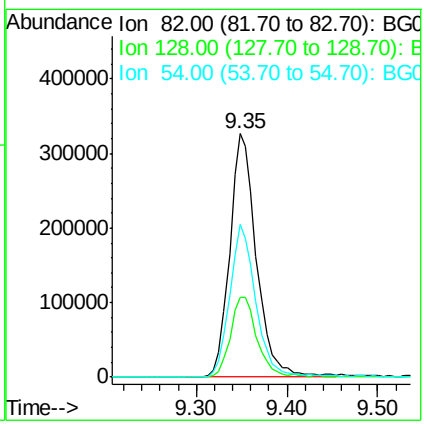


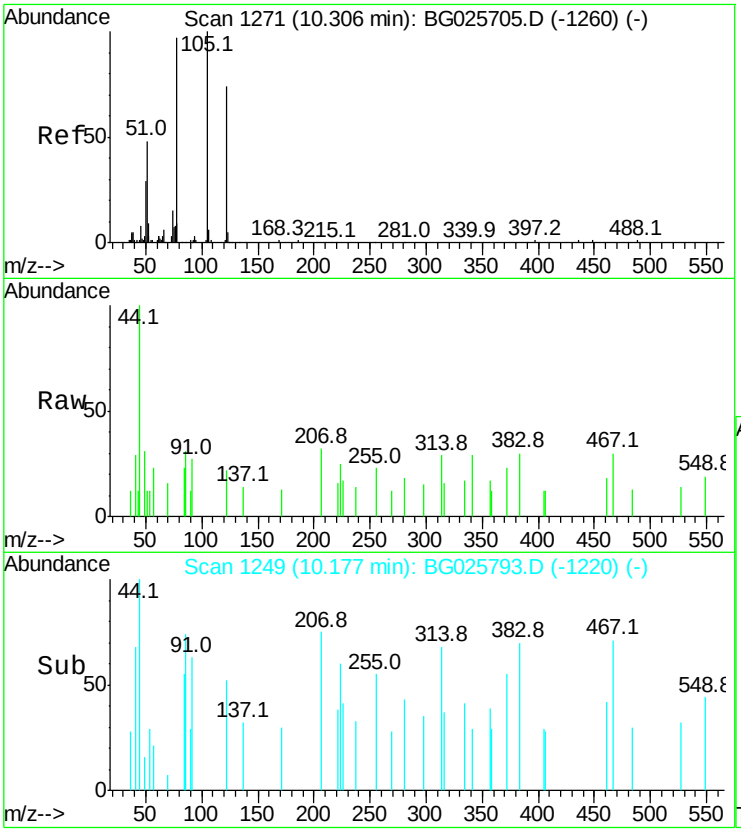


#23
Nitrobenzene-d5
Concen: 89.94 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion: 82 Resp: 667194

Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	62.6	49.4	74.2



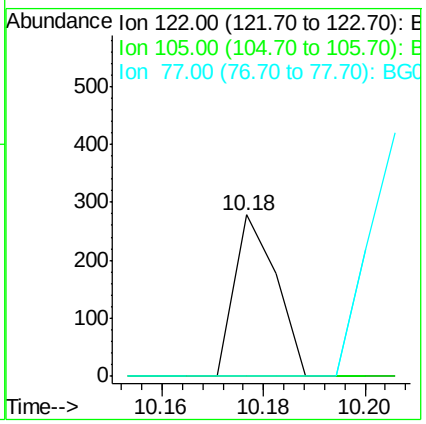


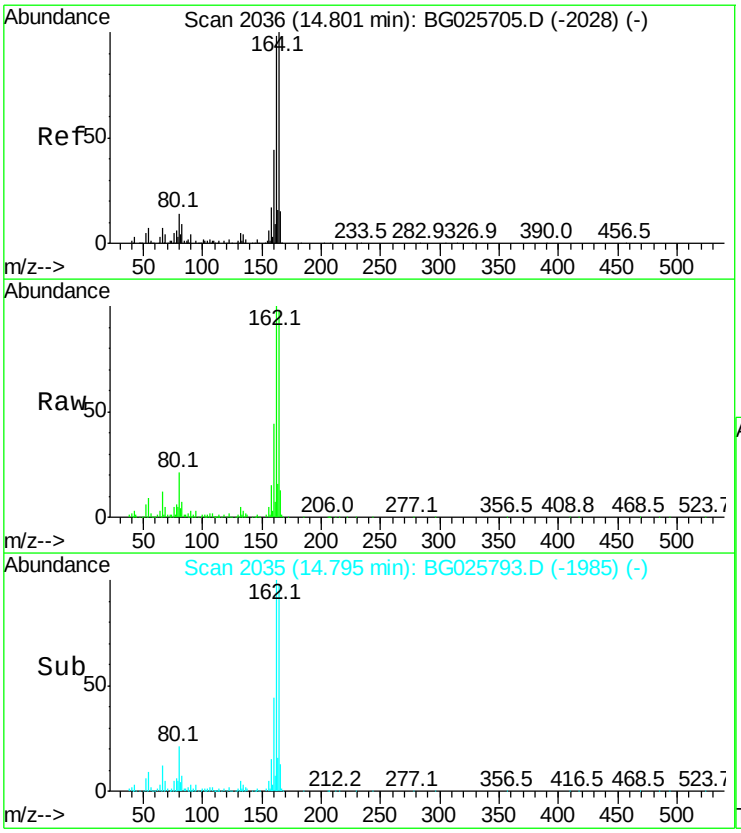
#32
Benzoic acid
Concen: 7.93 ng
RT: 10.18 min Scan# 1249
Delta R.T. -0.13 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 160

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

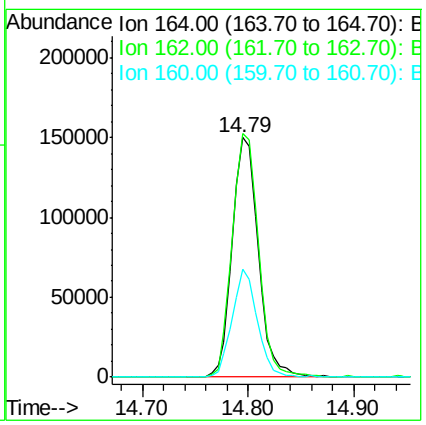


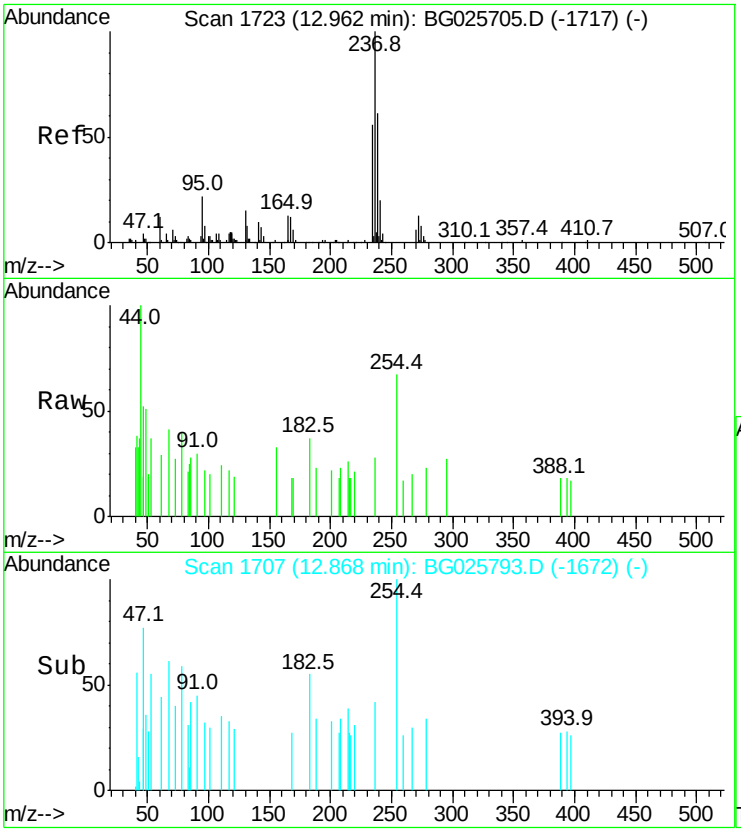


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion:164 Resp: 255695

Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	45.0	34.7	52.1



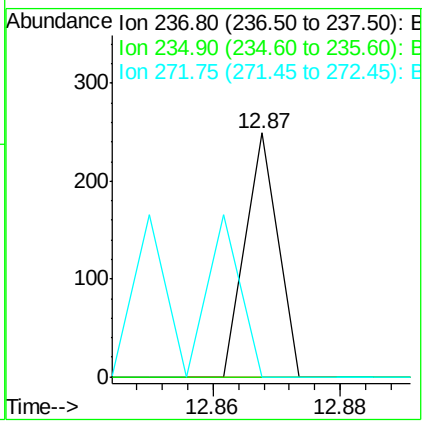


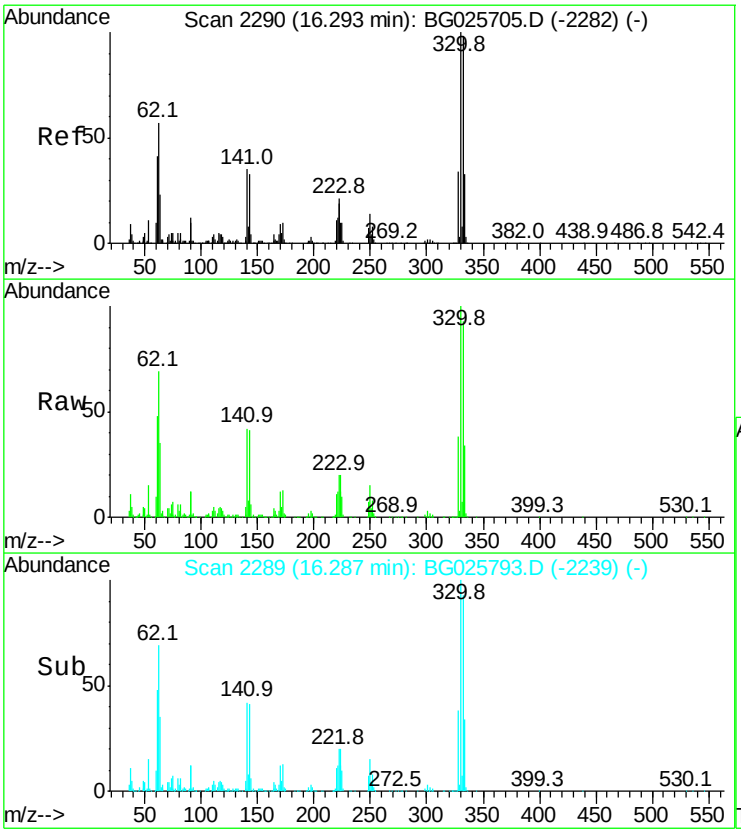
#40
Hexachlorocyclopentadiene
Concen: 10.71 ng
RT: 12.87 min Scan# 1707
Delta R.T. -0.09 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:237 Resp: 88

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

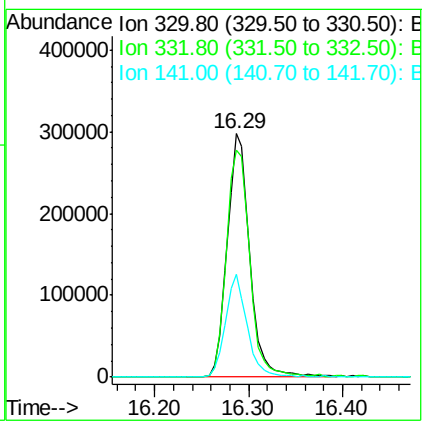


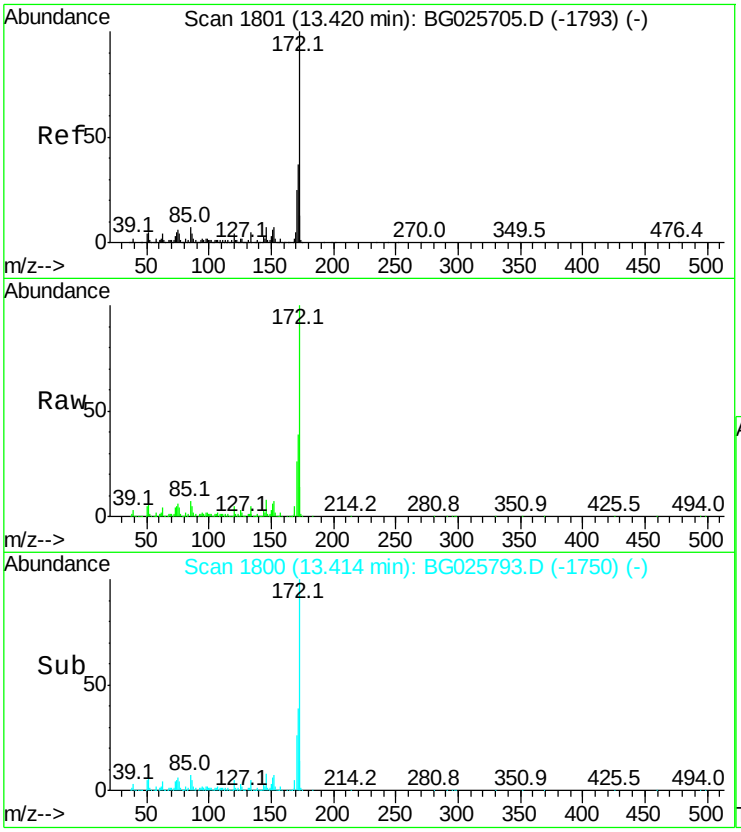


#41
2,4,6-Tribromophenol
Concen: 135.25 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion:330 Resp: 493202

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	41.0	32.1	48.1



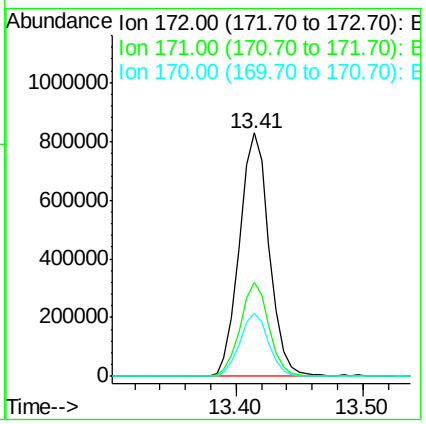


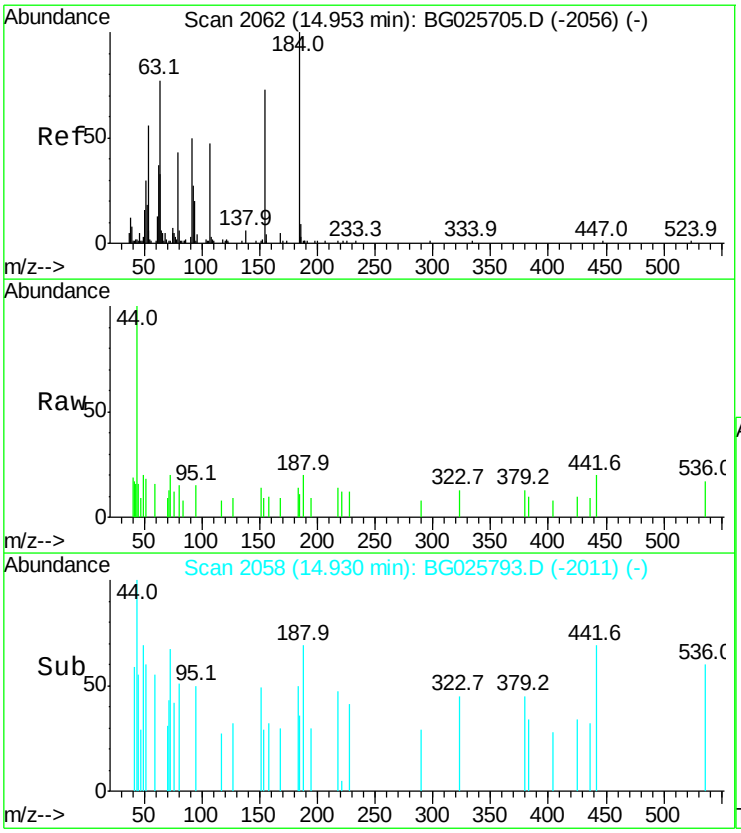
#44
2-Fluorobiphenyl
Concen: 85.65 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1348473

Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	25.8	21.8	32.6

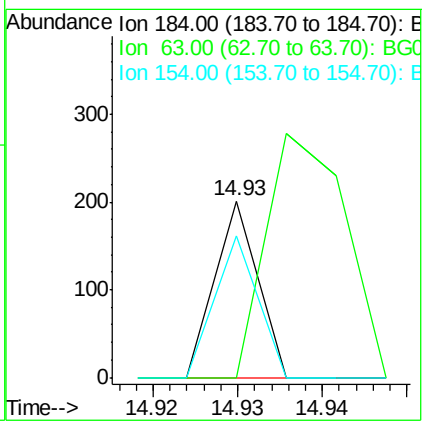


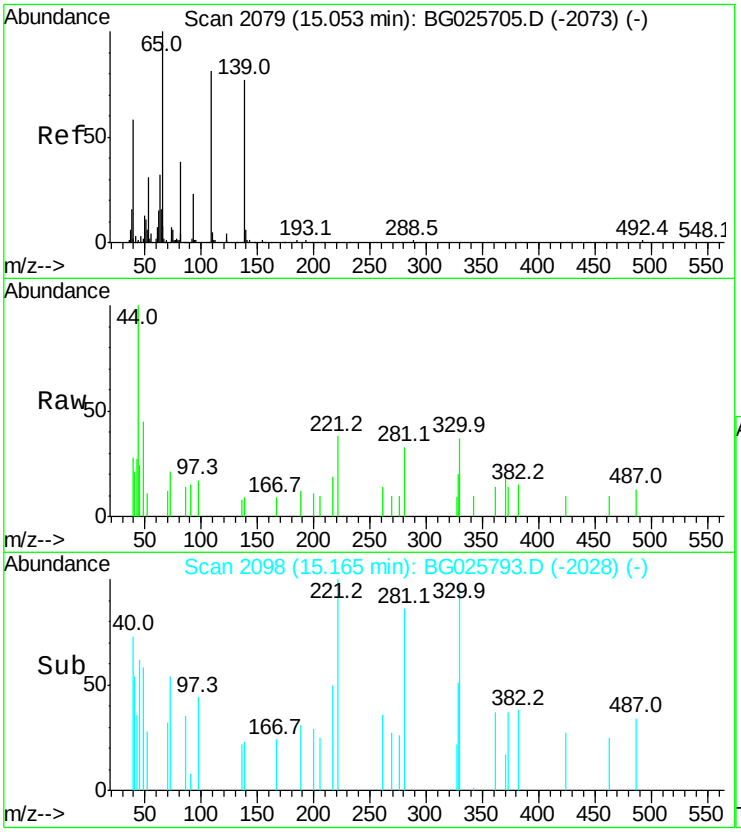


#53
2,4-Dinitrophenol
Concen: 9.47 ng
RT: 14.93 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion:184 Resp: 71

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	80.6	57.3	85.9



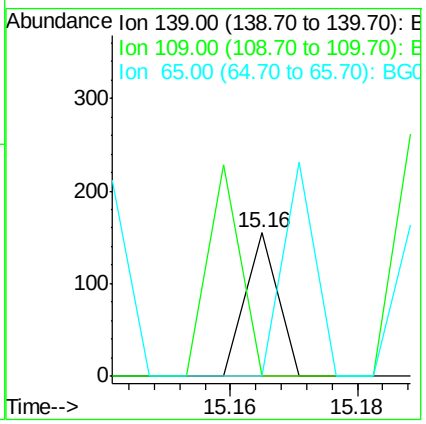


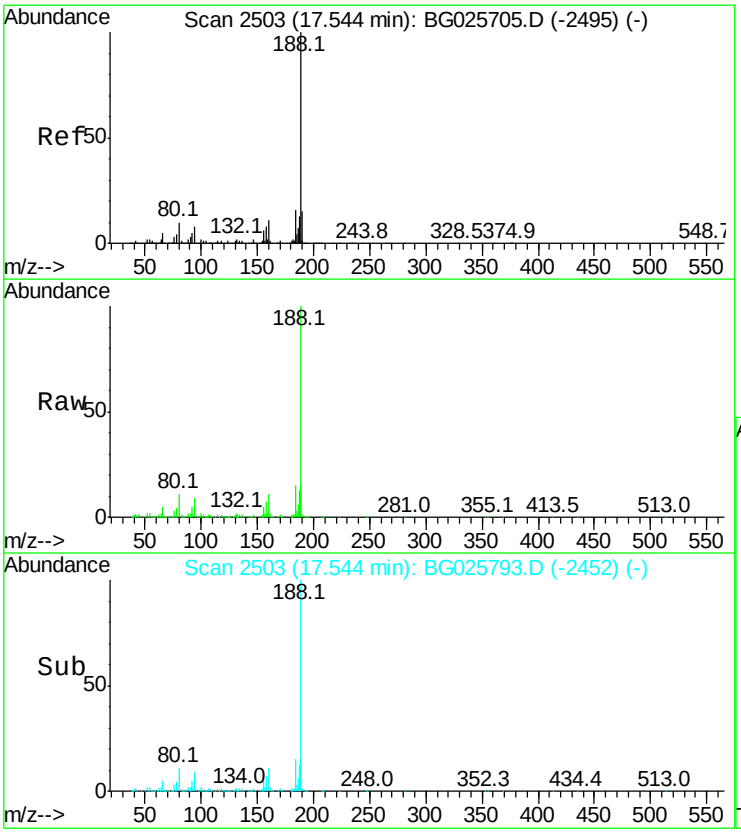
#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.11 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 55

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

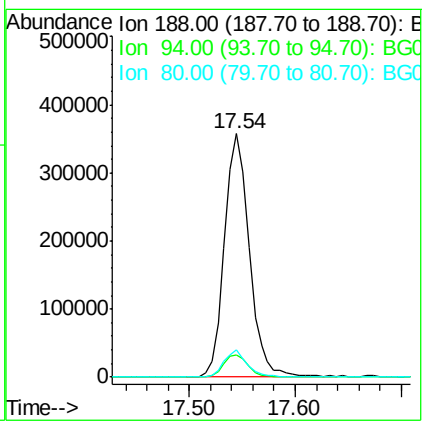


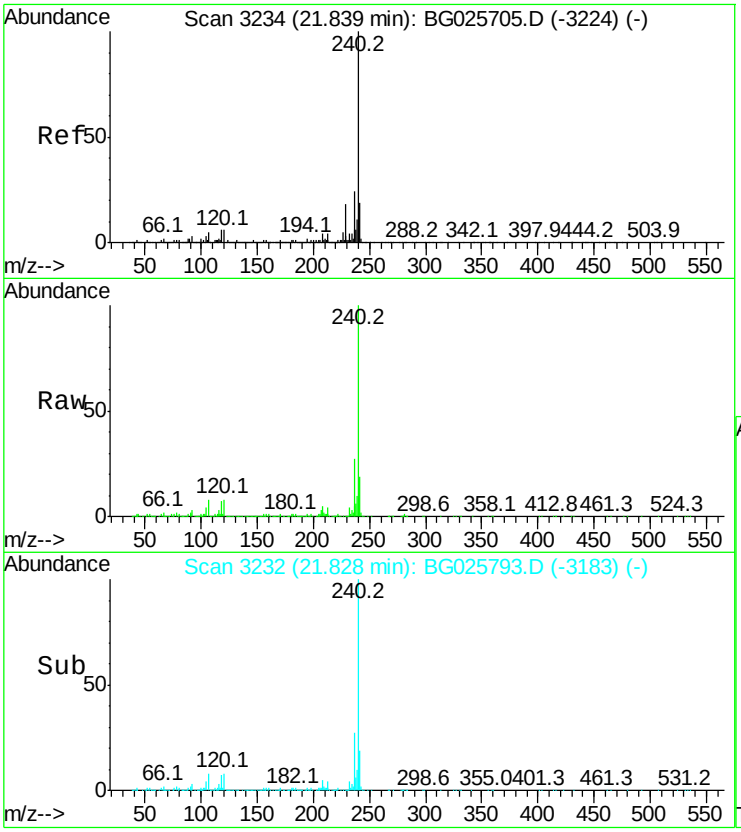


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion:188 Resp: 583849

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.8	8.8#
80	11.0	7.5	11.3



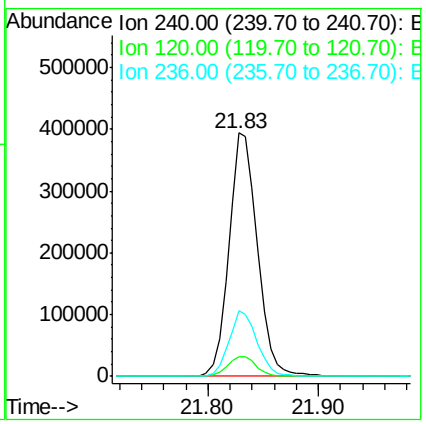


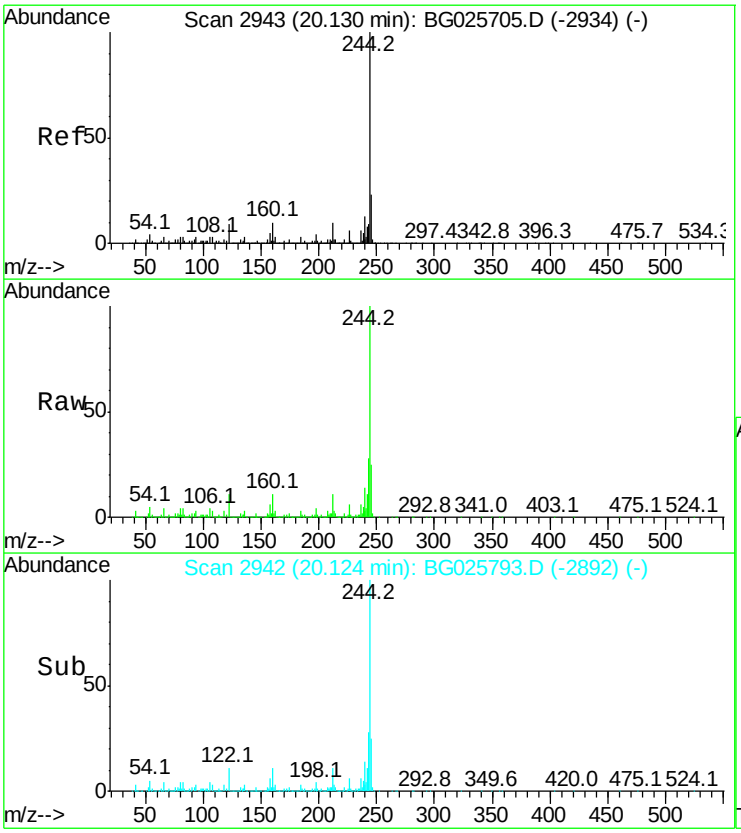
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 711246

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.7	8.5
236	26.8	22.2	33.4

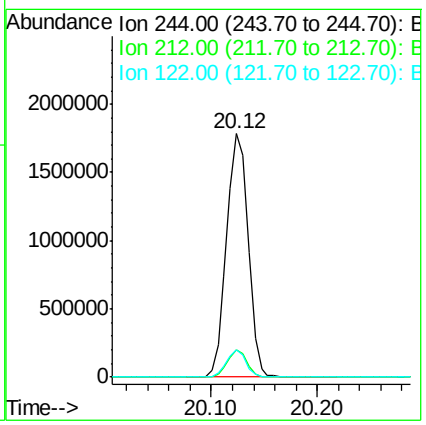


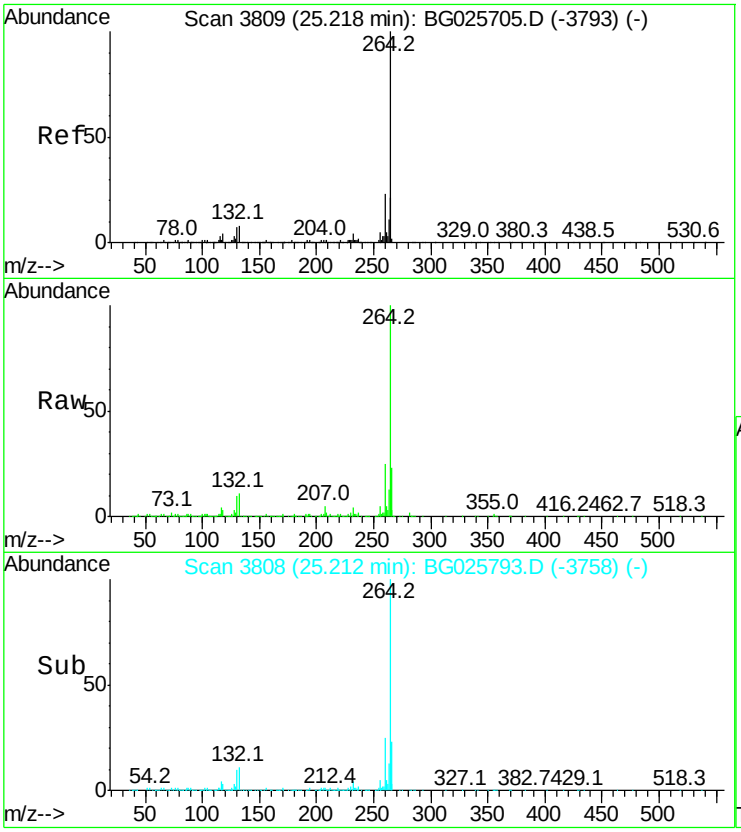


#78
Terphenyl-d14
Concen: 85.43 ng
RT: 20.12 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Tgt Ion:244 Resp: 2517282

Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	11.5	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.01 min
Lab File: BG025793.D
Acq: 3 Feb 2017 13:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 709869

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.8	32.8
265	22.8	18.2	27.4