Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025578.D
Acq On : 21 Jan 2017 18:05
Operator : UM/SJ
Sample : I1329-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S5-0-3FT-COMP

Quant Time: Jan 23 00:58:57 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	80800	20.00	ng		-0.02
21) Naphthalene-d8	11.00	136	351073	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	254928	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	553265	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	673379	20.00	ng		-0.02
86) Perylene-d12	25.23	264	728758	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	520576	117.11	ng		-0.02
7) Phenol-d6	7.34	99	740622	118.30	ng		-0.02
23) Nitrobenzene-d5	9.36	82	568341	71.52	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	414647	101.03	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1008762	64.06	ng		-0.02
78) Terphenyl-d14	20.13	244	1503623	59.21	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.37	94	35799	5.16	ng		97
40) Hexachlorocyclopentadiene	12.99	237	144	8.55	ng	#	29
49) Dimethylphthalate	14.25	163	76317	4.11	ng	#	93
53) 2,4-Dinitrophenol	14.92	184	54	5.10	ng	#	15
74) Fluoranthene	19.59	202	101754	2.70	ng		92
77) Pyrene	19.96	202	99902	2.84	ng	#	89
87) Benzo(b)fluoranthene	24.14	252	100088	2.52	ng		98
88) Benzo(k)fluoranthene	24.14	252	100088	2.61	ng		99

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

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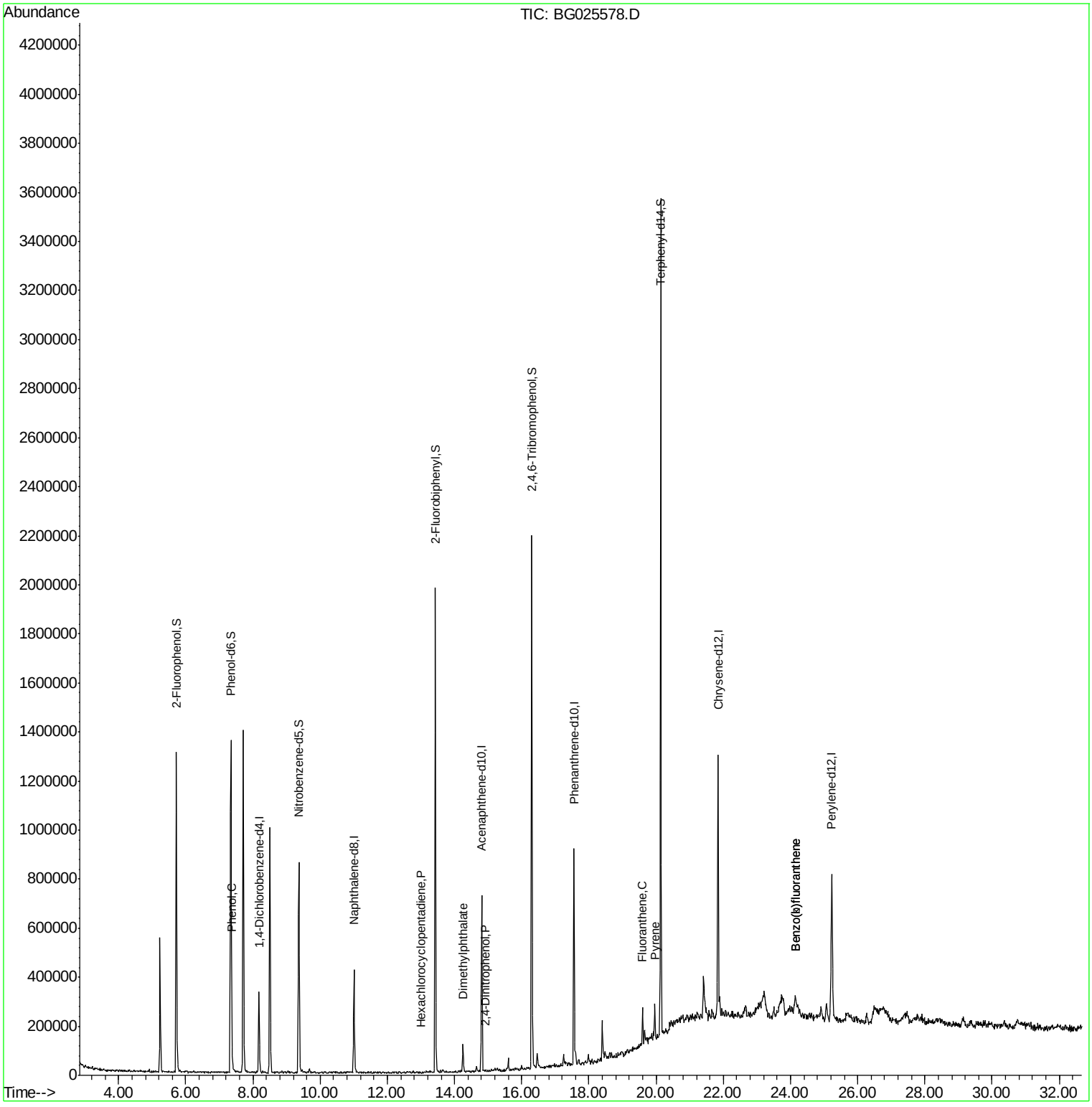
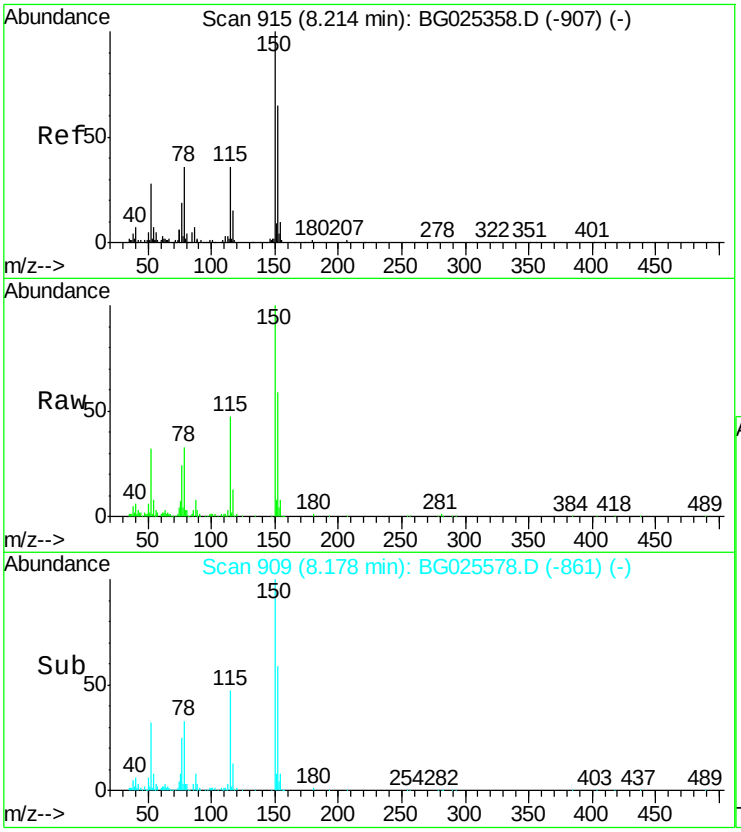


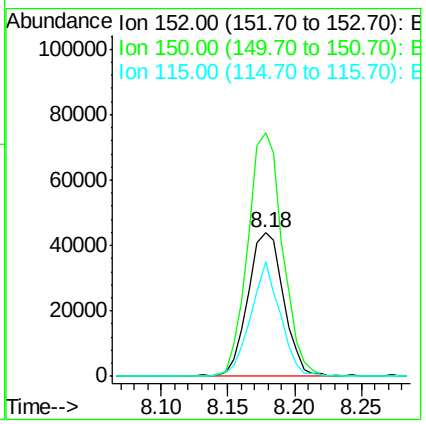


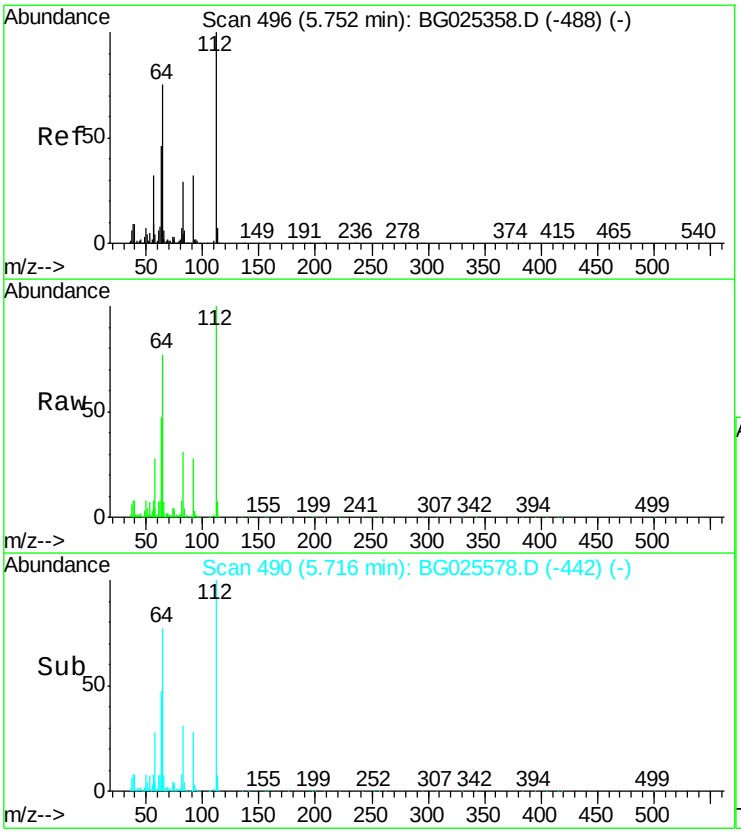
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:152 Resp: 80800

Ion	Ratio	Lower	Upper
152	100		
150	169.6	114.0	171.0
115	79.2	48.1	72.1#

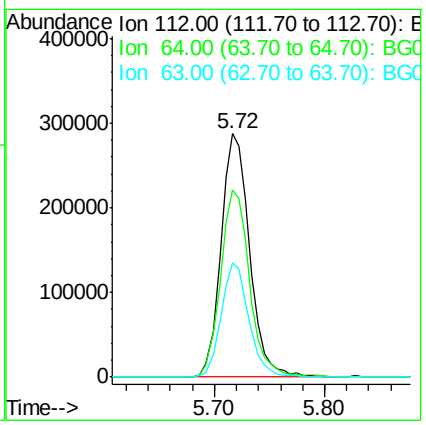


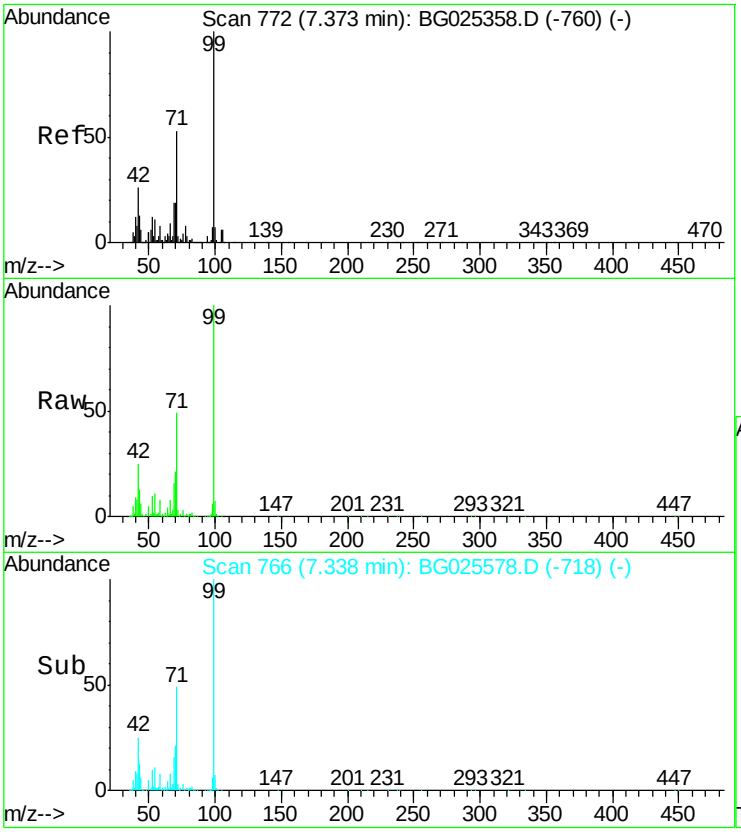


#5
2-Fluorophenol
Concen: 117.11 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:112 Resp: 520576

Ion	Ratio	Lower	Upper
112	100		
64	76.9	61.8	92.6
63	47.0	37.2	55.8



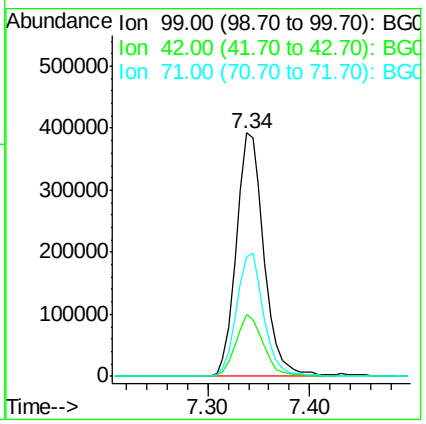


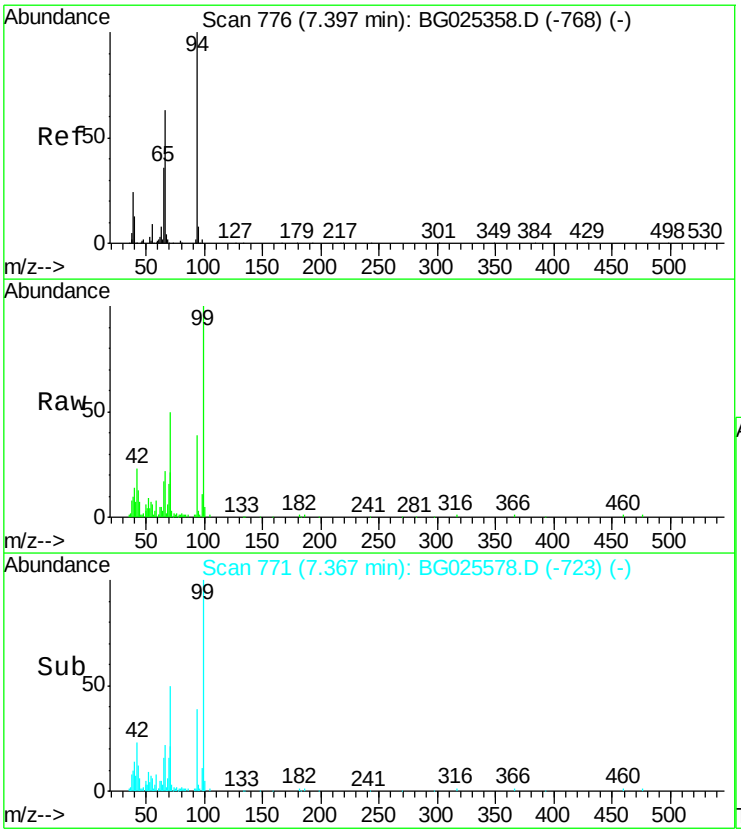
#7
Phenol-d6
Concen: 118.30 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion: 99 Resp: 740622

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.5	30.7
71	49.2	37.6	56.4

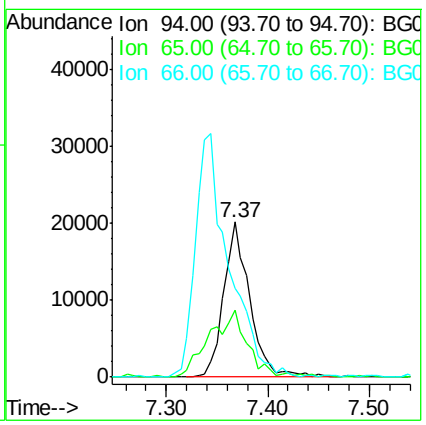


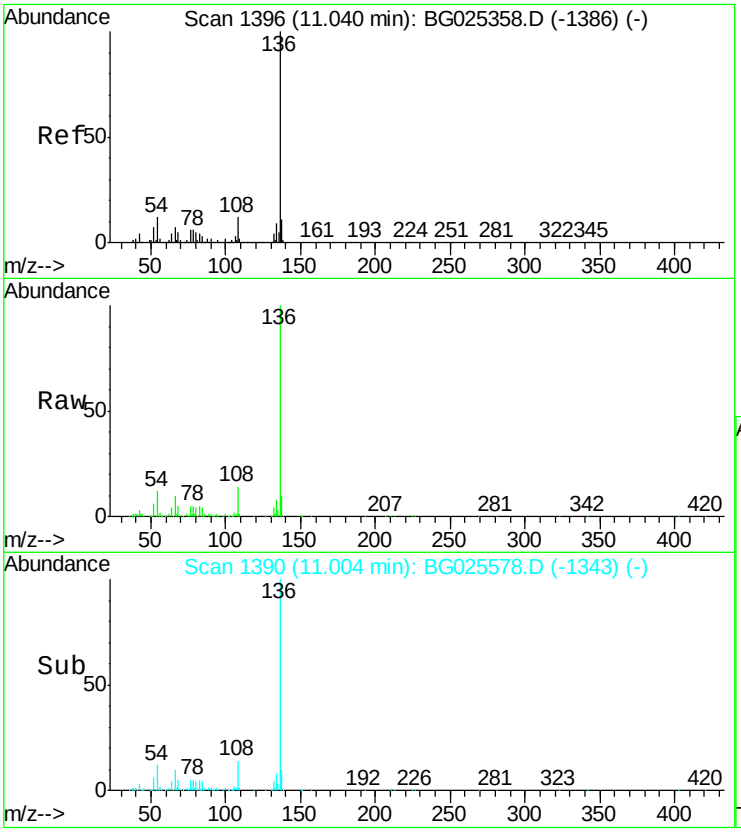


#10
Phenol
Concen: 5.16 ng
RT: 7.37 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion: 94 Resp: 35799

Ion	Ratio	Lower	Upper
94	100		
65	42.9	20.6	60.6
66	57.1	35.5	75.5



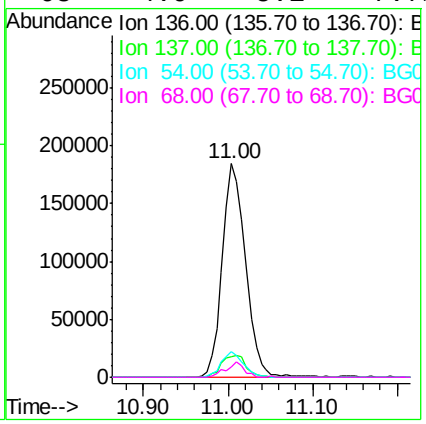


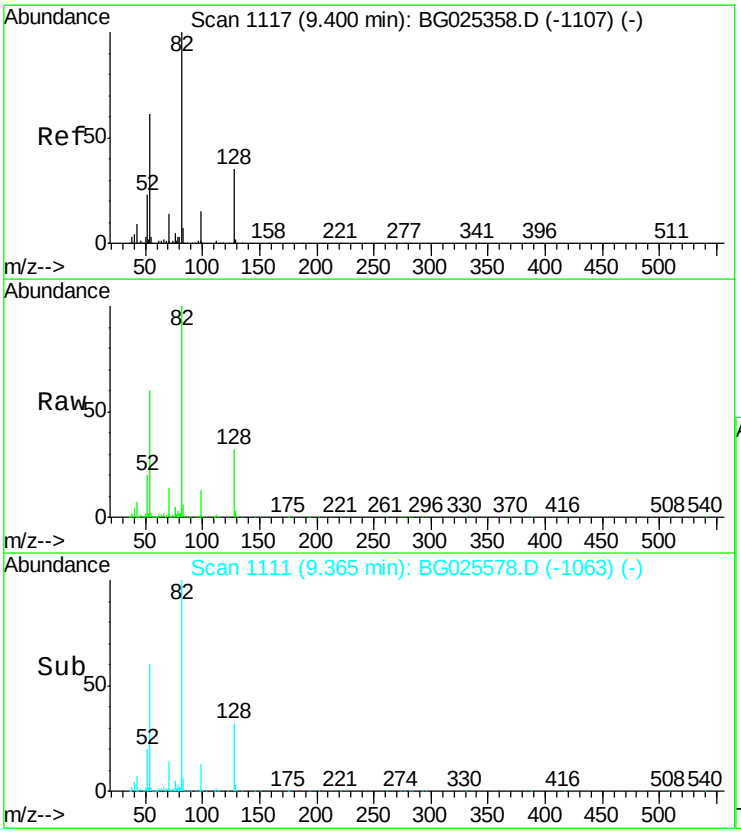
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:136 Resp: 351073

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	12.1	9.3	13.9
68	4.9	5.1	7.7#

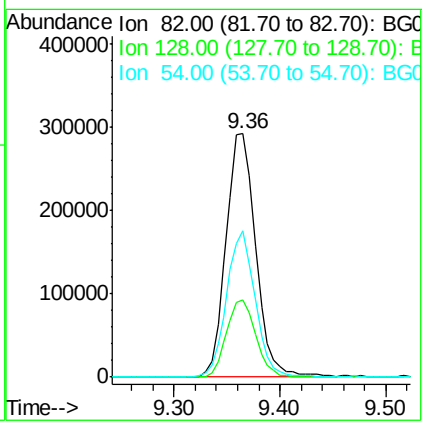


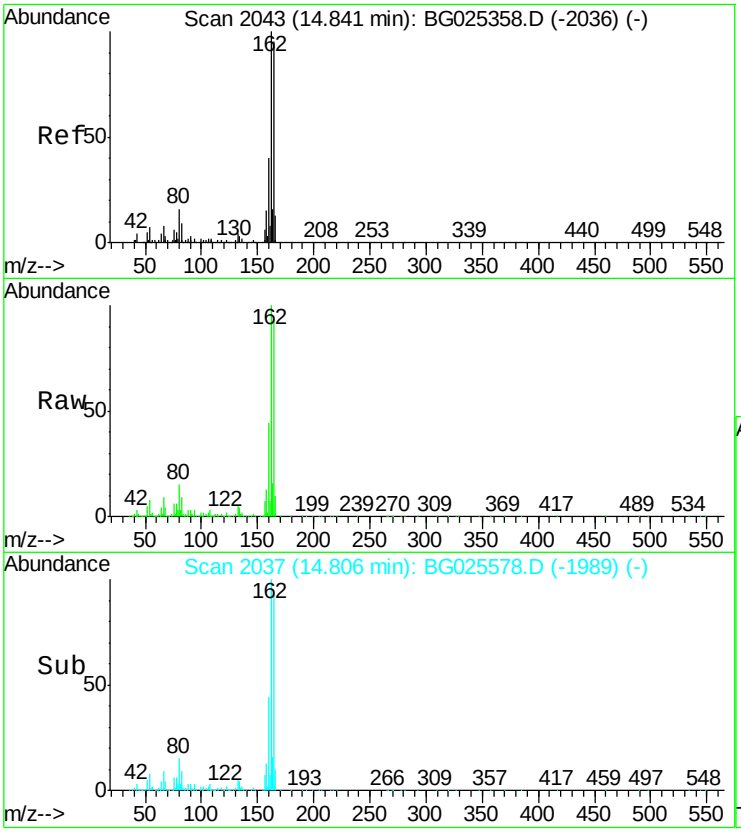


#23
Nitrobenzene-d5
Concen: 71.52 ng
RT: 9.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion: 82 Resp: 568341

Ion	Ratio	Lower	Upper
82	100		
128	31.7	26.4	39.6
54	60.2	49.4	74.2



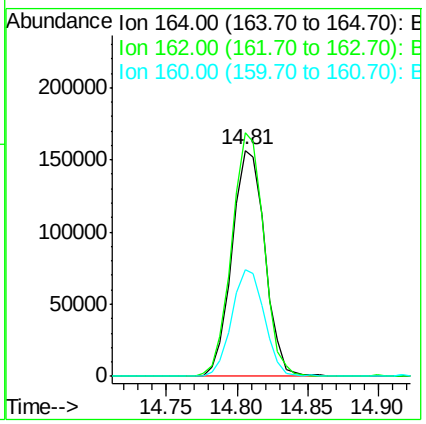


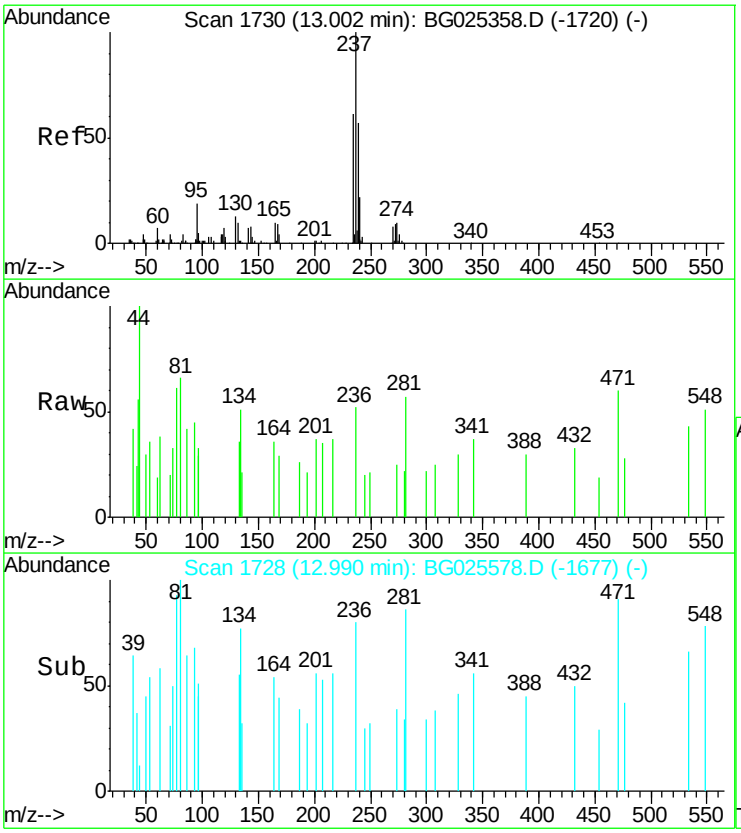
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:164 Resp: 254928

Ion	Ratio	Lower	Upper
164	100		
162	107.6	85.1	127.7
160	47.3	34.7	52.1

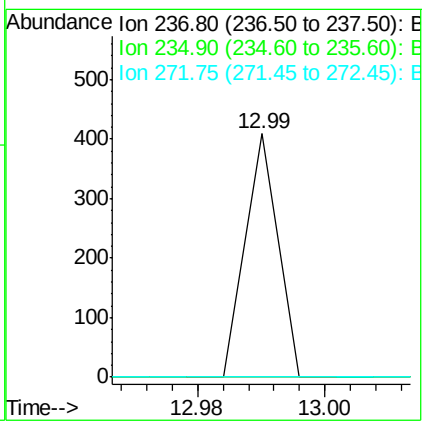


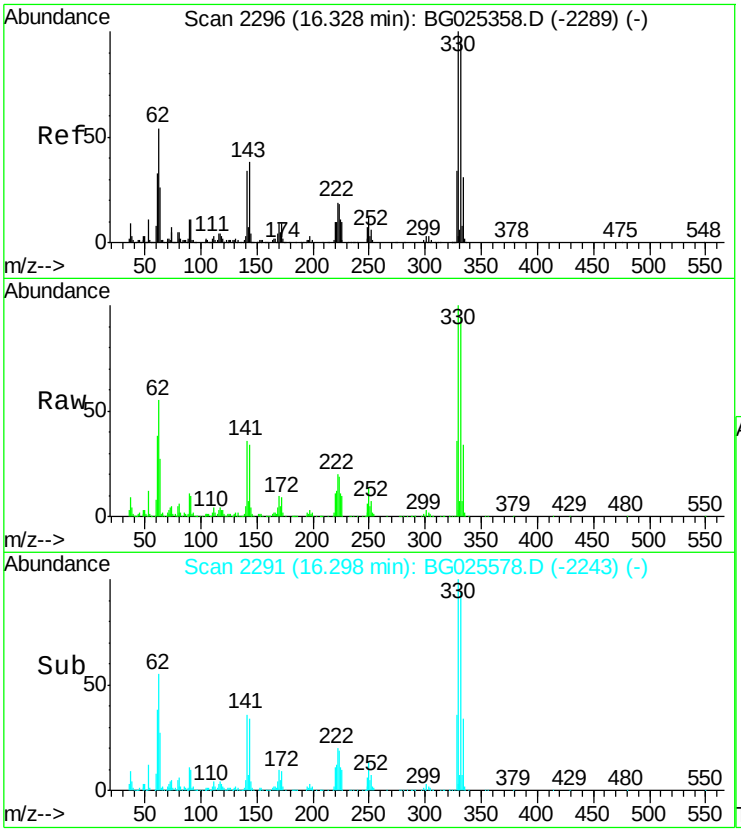


#40
Hexachlorocyclopentadiene
Concen: 8.55 ng
RT: 12.99 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:237 Resp: 144

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



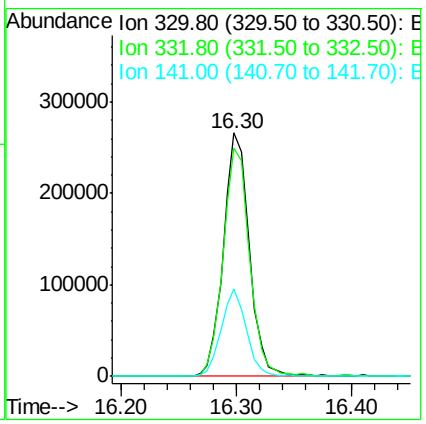


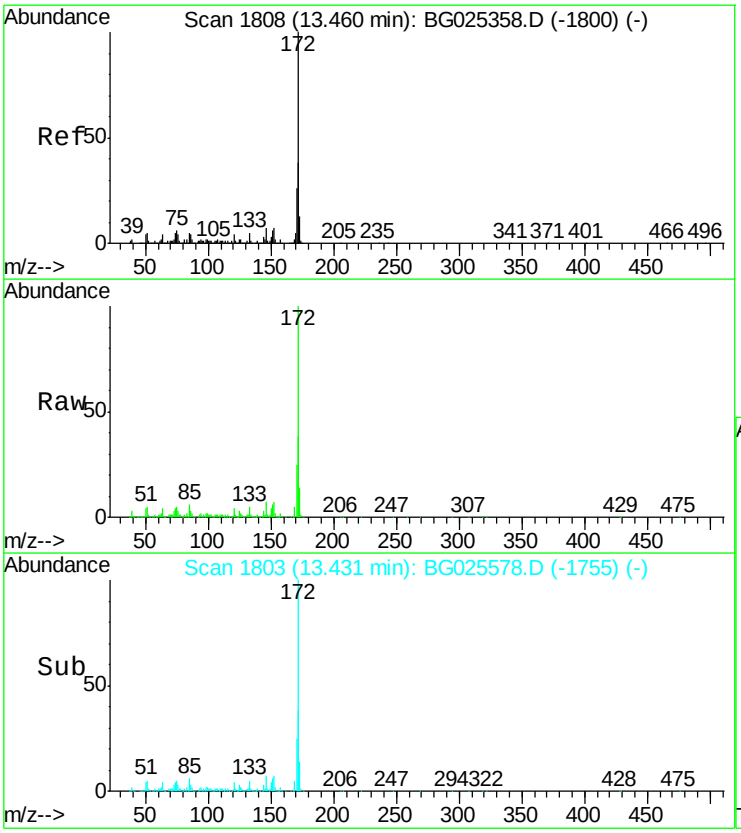
#41
2,4,6-Tribromophenol
Concen: 101.03 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:330 Resp: 414647

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	34.7	32.1	48.1

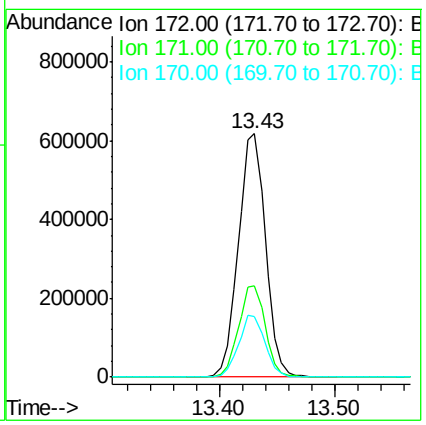


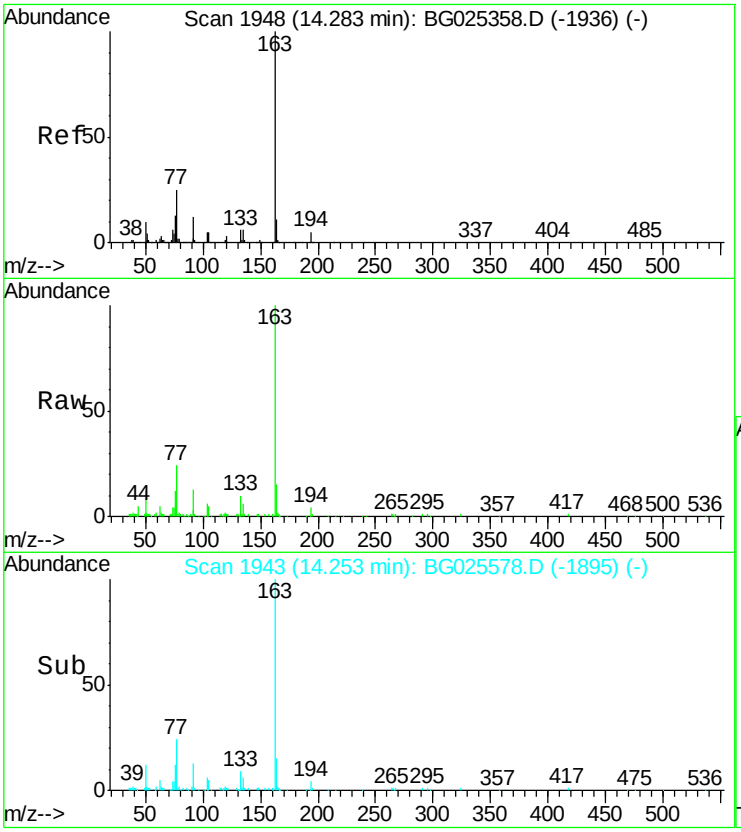


#44
2-Fluorobiphenyl
Concen: 64.06 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:172 Resp: 1008762

Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	25.0	21.8	32.6



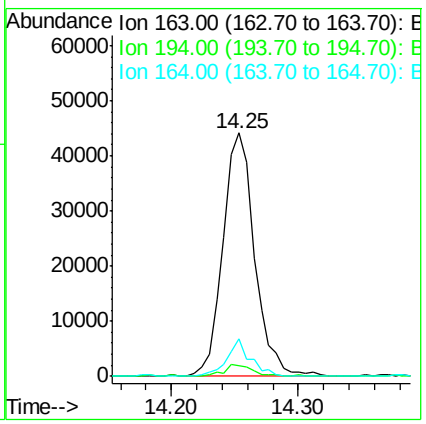


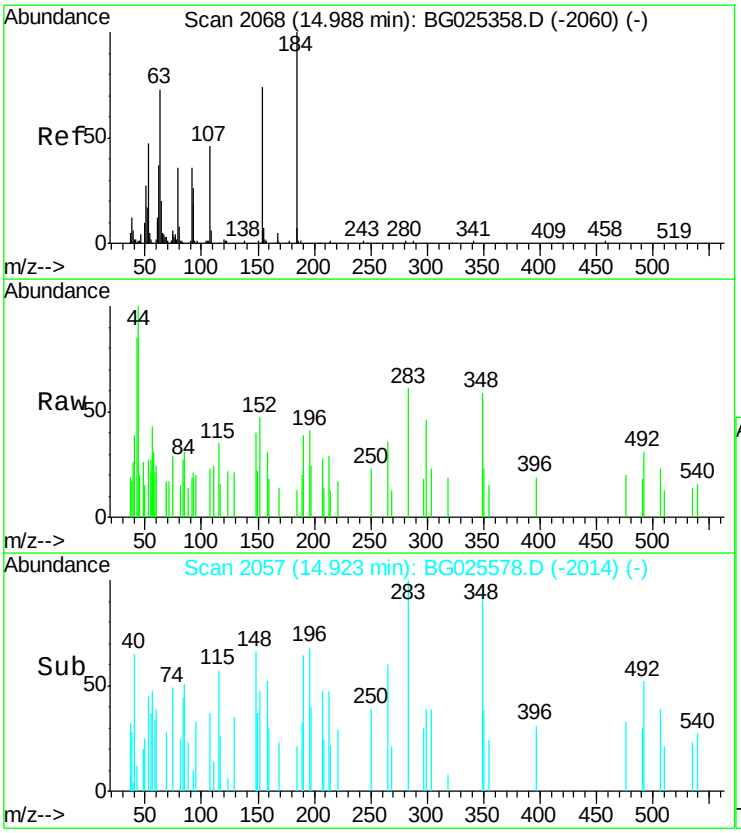
#49
Dimethylphthalate
Concen: 4.11 ng
RT: 14.25 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:163 Resp: 76317

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	15.4	9.3	13.9#

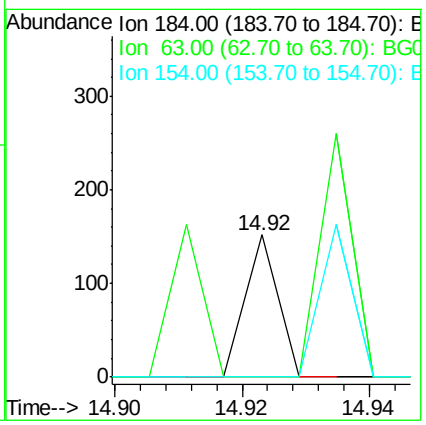


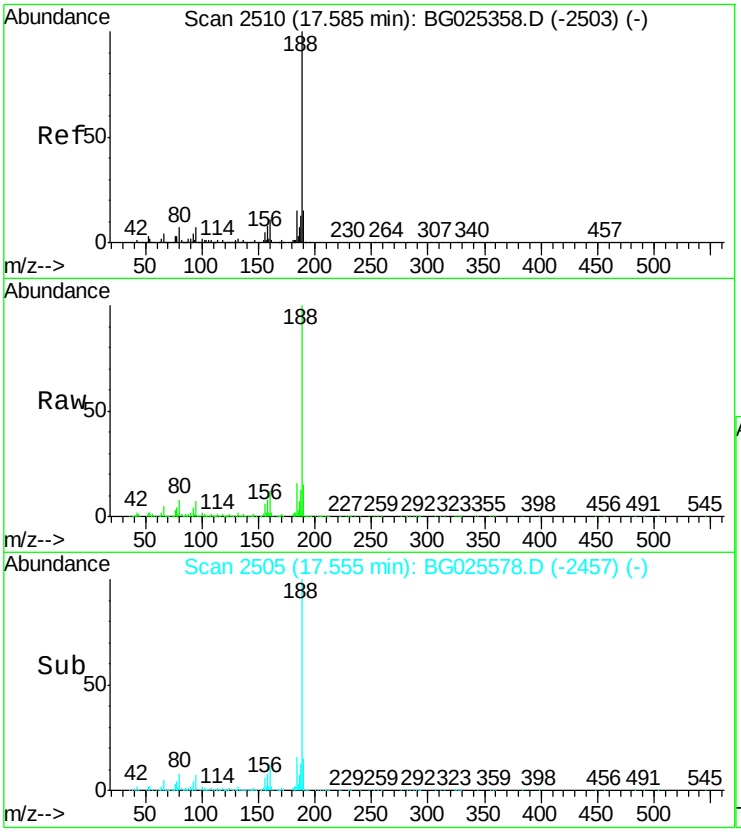


#53
2,4-Dinitrophenol
Concen: 5.10 ng
RT: 14.92 min Scan# 2057
Delta R.T. -0.05 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:184 Resp: 54

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



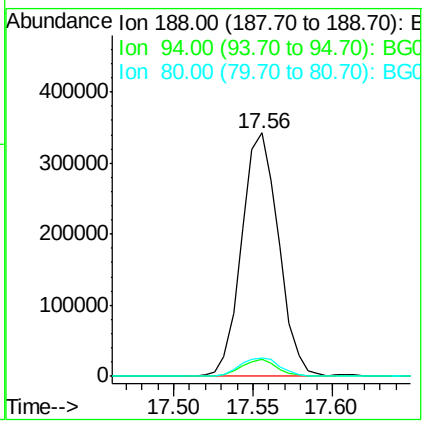


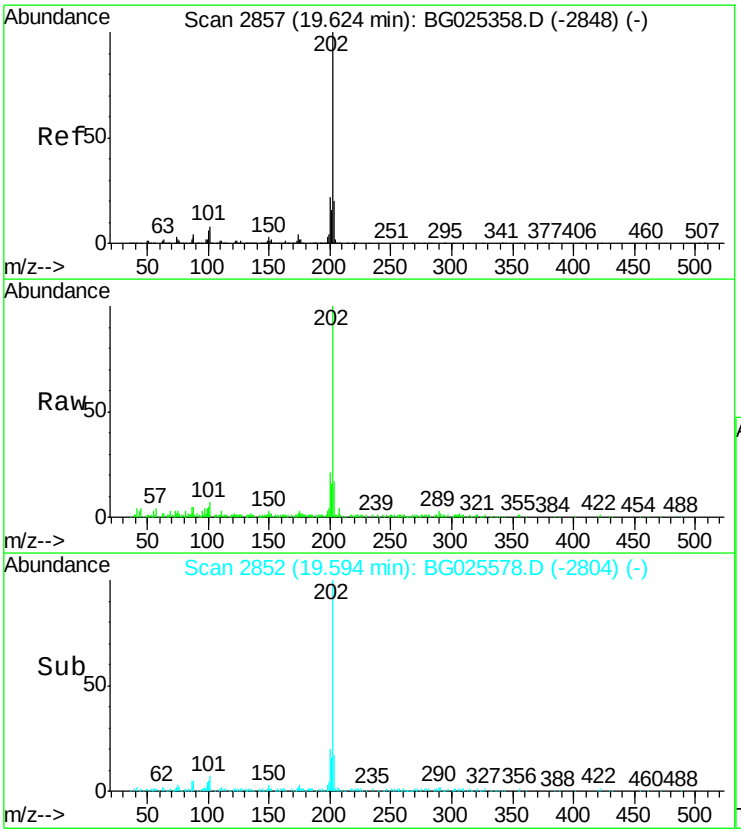
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:188 Resp: 553265

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.8
80	7.5	7.5	11.3

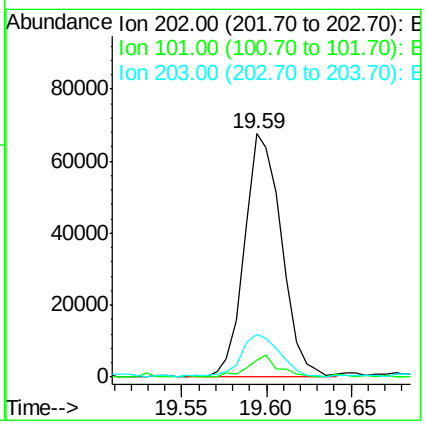


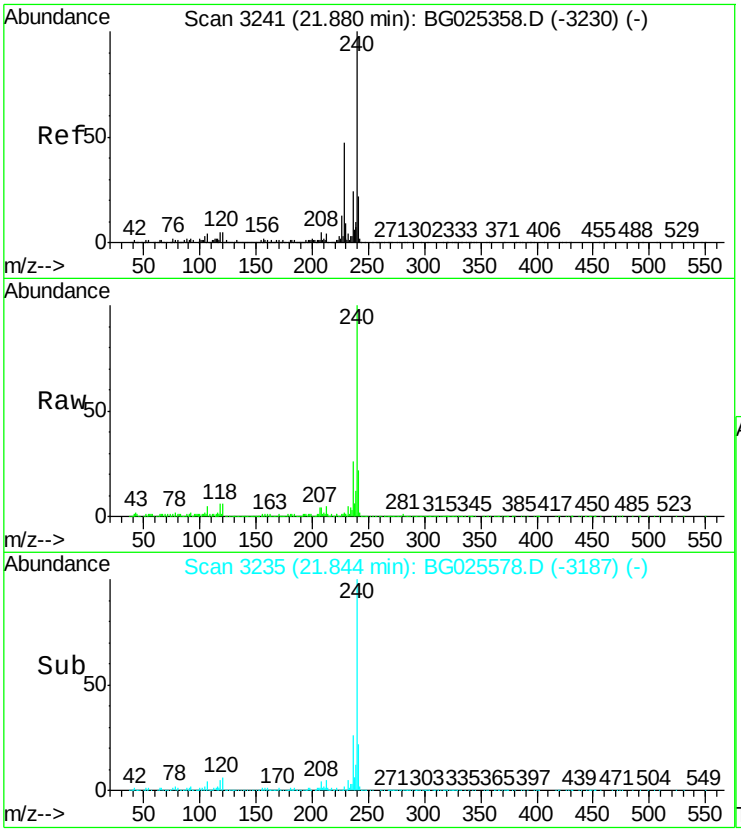


#74
Fluoranthene
Concen: 2.70 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:202 Resp: 101754

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	30.1
203	17.3	1.3	41.3



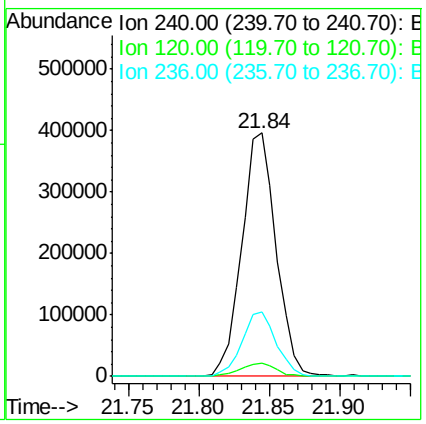


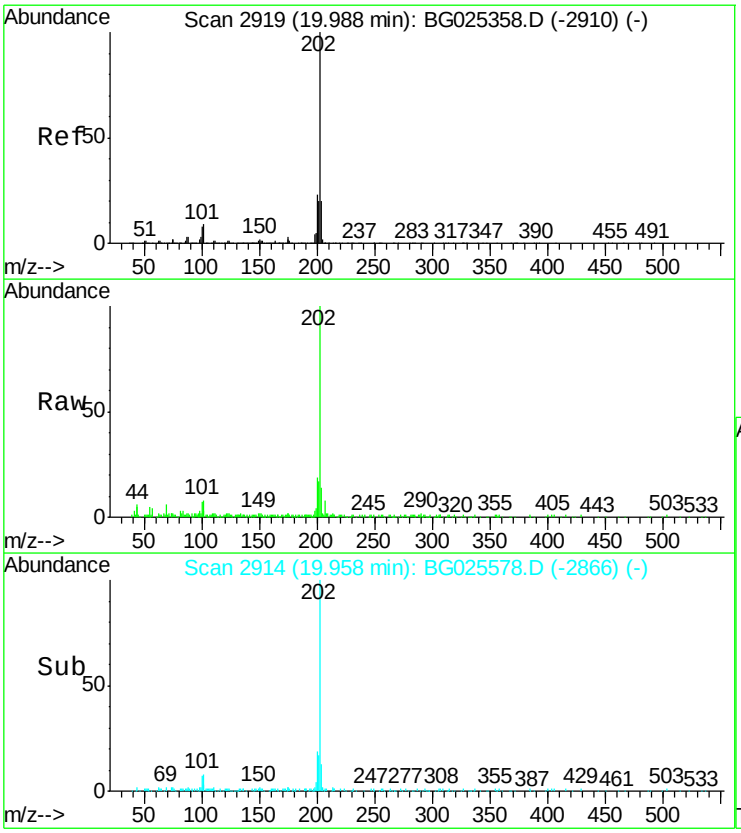
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:240 Resp: 673379

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	26.3	22.2	33.4

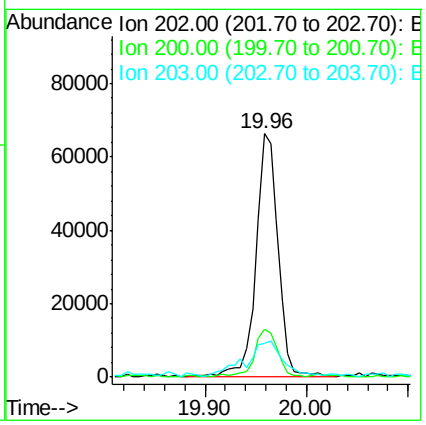


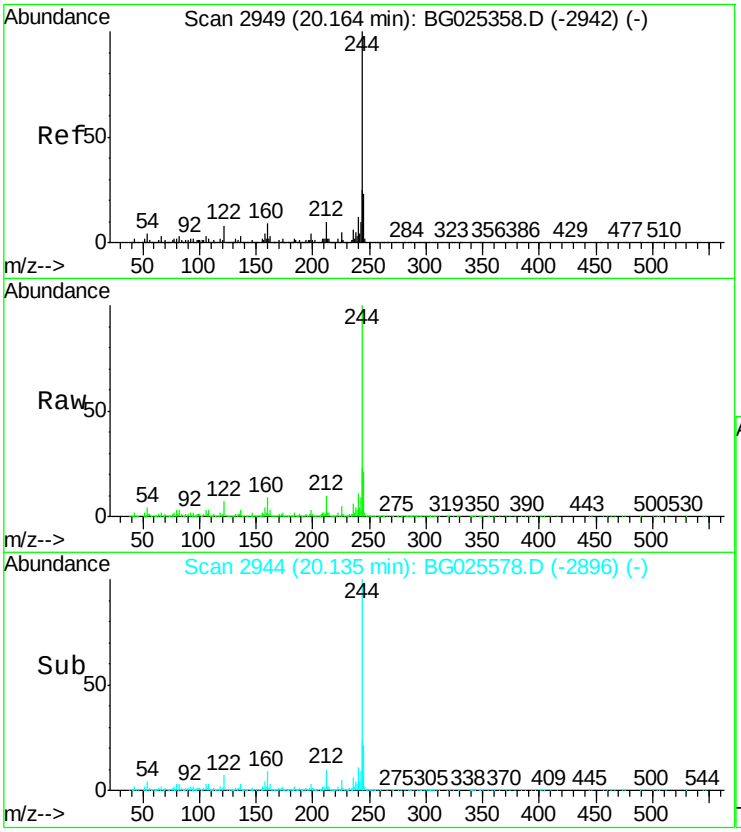


#77
Pyrene
Concen: 2.84 ng
RT: 19.96 min Scan# 2914
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:202 Resp: 99902

Ion	Ratio	Lower	Upper
202	100		
200	19.4	19.6	29.4#
203	13.9	15.8	23.8#



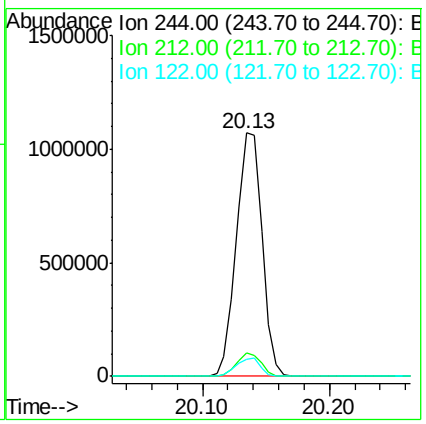


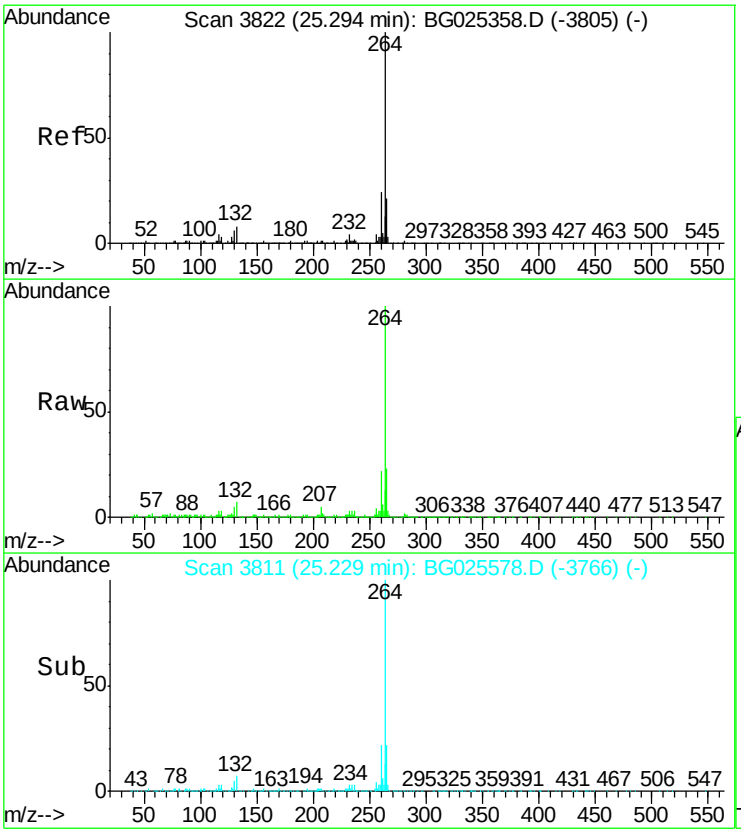
#78
Terphenyl-d14
Concen: 59.21 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:244 Resp: 1503623

Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.0	15.0#
122	7.2	8.6	12.8#

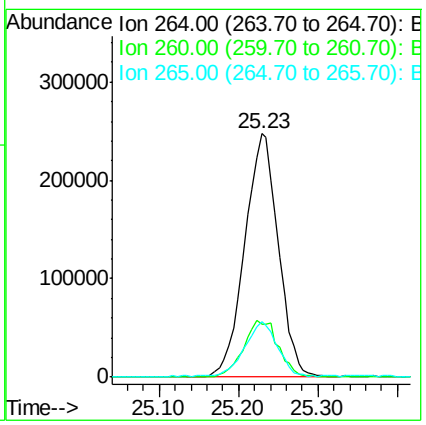


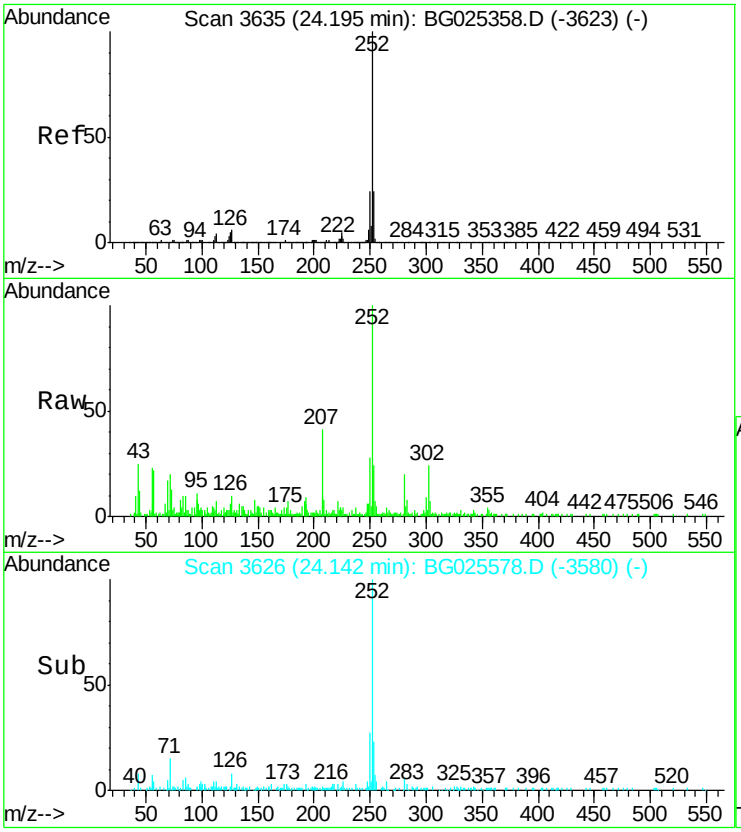


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.04 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:264 Resp: 728758

Ion	Ratio	Lower	Upper
264	100		
260	22.0	21.8	32.8
265	22.6	18.2	27.4



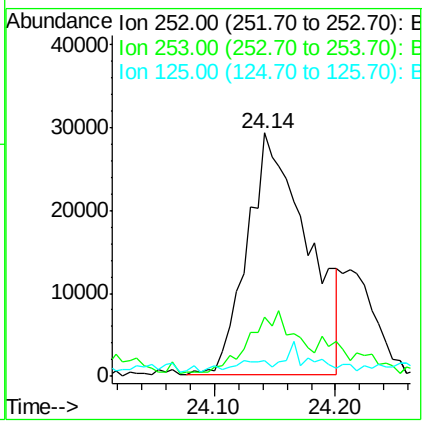


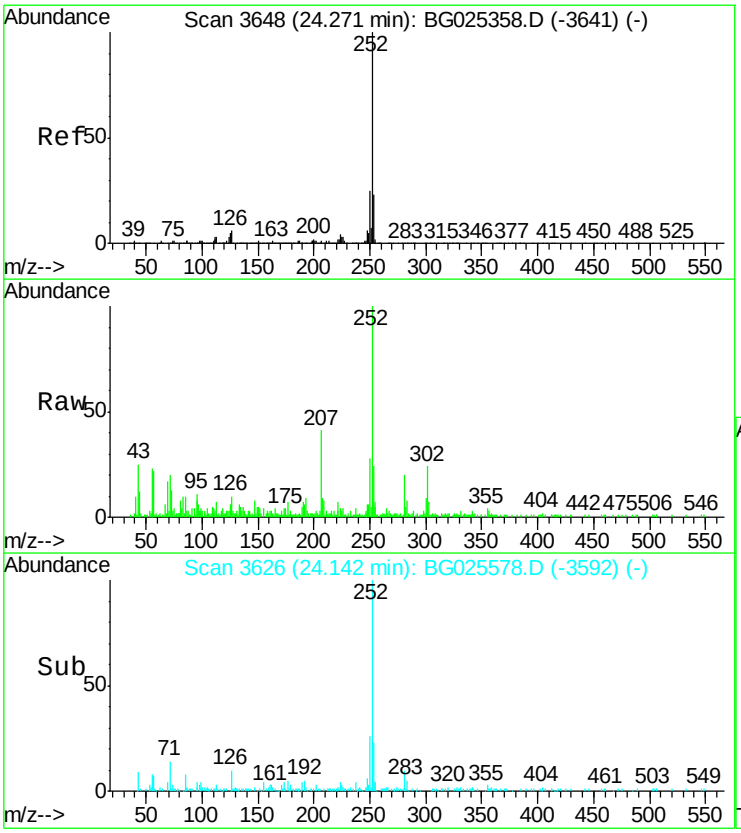
#87
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.03 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

Tgt Ion:252 Resp: 100088

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.7	28.1
125	6.5	5.3	7.9





#88
Benzo(k)fluoranthene
Concen: 2.61 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.10 min
Lab File: BG025578.D
Acq: 21 Jan 2017 18:05

Tgt Ion:252 Resp: 100088

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.2
125	6.5	5.1	7.7