Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
Data File : BG028965.D
Acq On : 28 Sep 2017 18:16
Operator : SJ/JU
Sample : I5463-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 29 05:23:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	37418	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	150506	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	111709	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	292389	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	362882	20.00	ng	-0.07
86) Perylene-d12	25.42	264	365623	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	84739	37.37	ng	-0.05
7) Phenol-d6	7.44	99	71706	21.00	ng	-0.05
23) Nitrobenzene-d5	9.45	82	249856	79.42	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	145653	78.83	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	673731	80.42	ng	-0.05
78) Terphenyl-d14	20.23	244	1459931	85.80	ng	-0.05
Target Compounds						Qvalue
32) Benzoic acid	10.63	122	62	6.11	ng	# 1
40) Hexachlorocyclopentadiene	12.79	237	113	7.66	ng	# 29
49) Dimethylphthalate	14.33	163	25023	2.67	ng	# 96
53) 2,4-Dinitrophenol	14.81	184	56	8.05	ng	# 15

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

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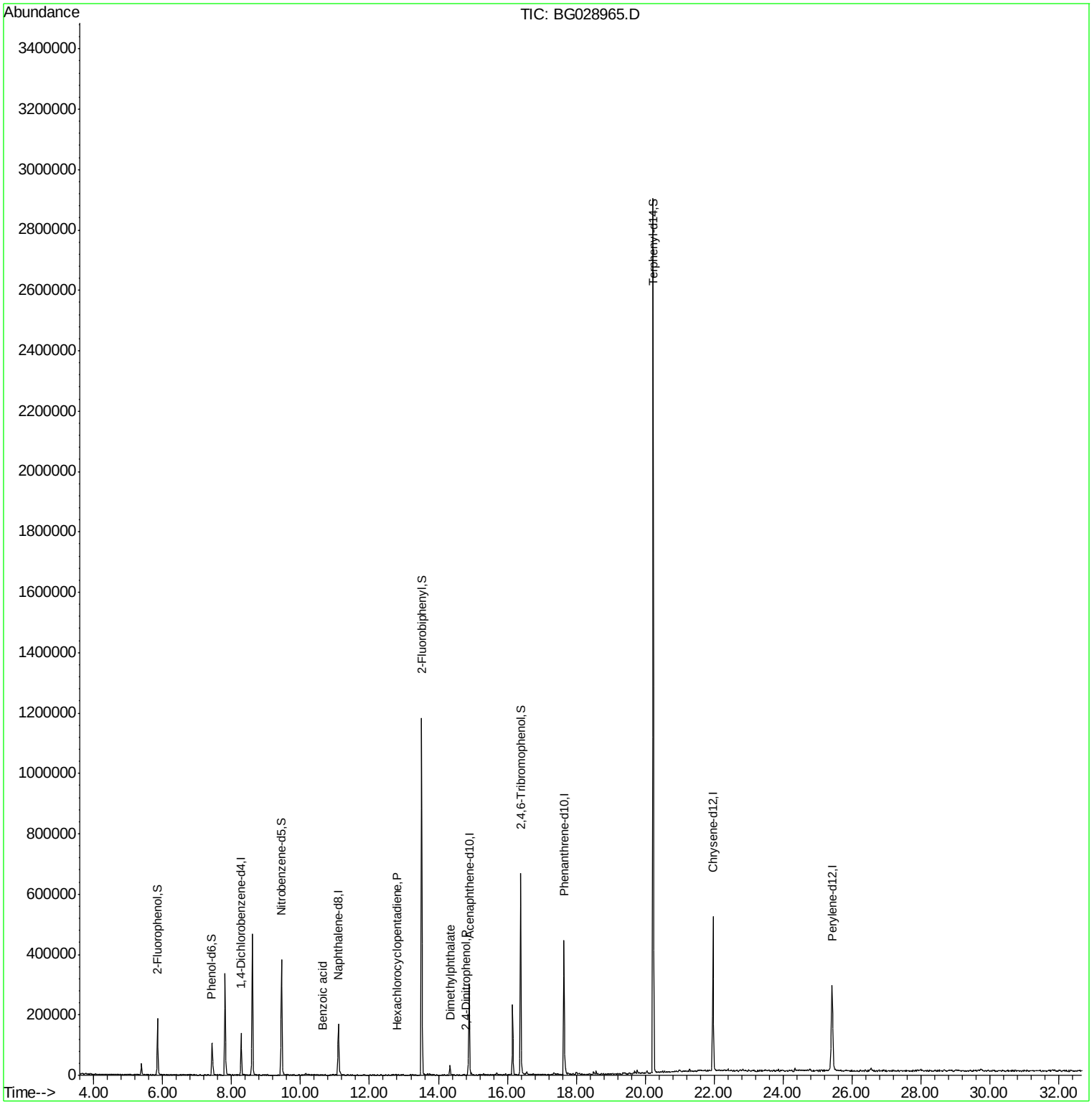
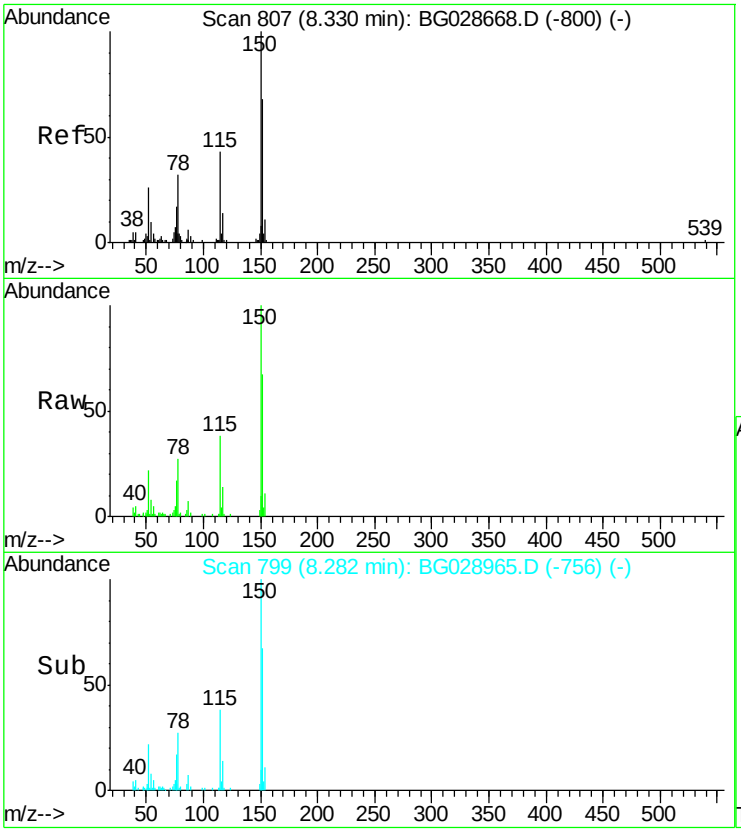


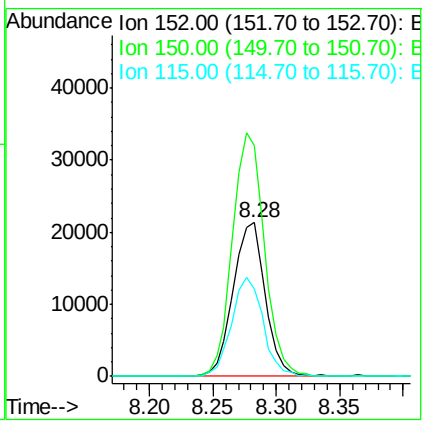


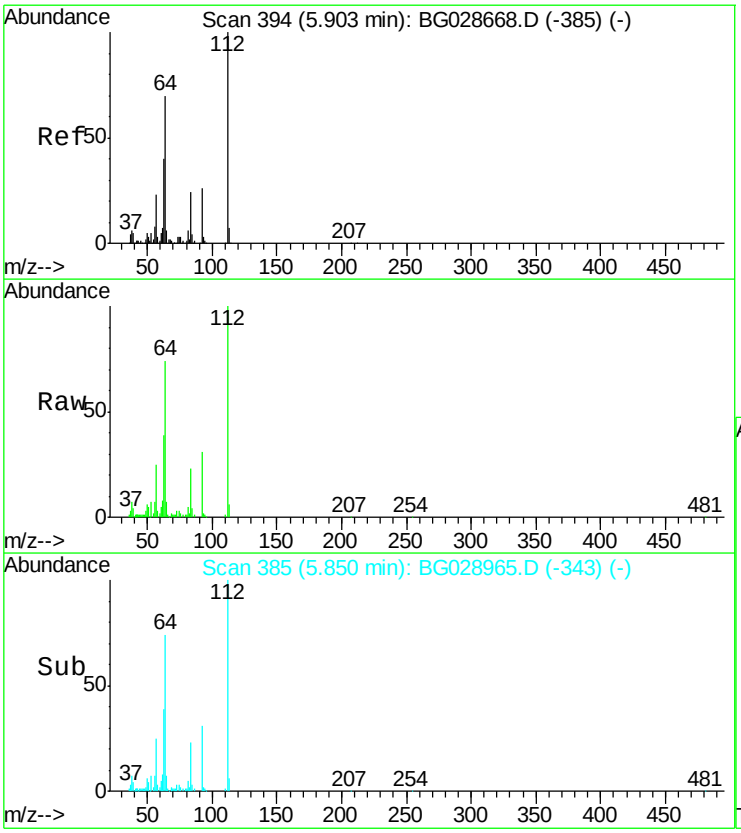
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 799
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37418

Ion	Ratio	Lower	Upper
152	100		
150	150.2	114.0	171.0
115	57.1	48.1	72.1

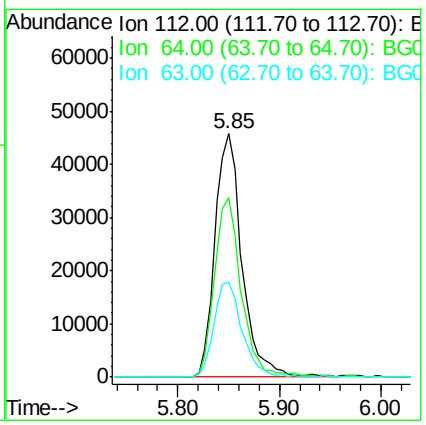


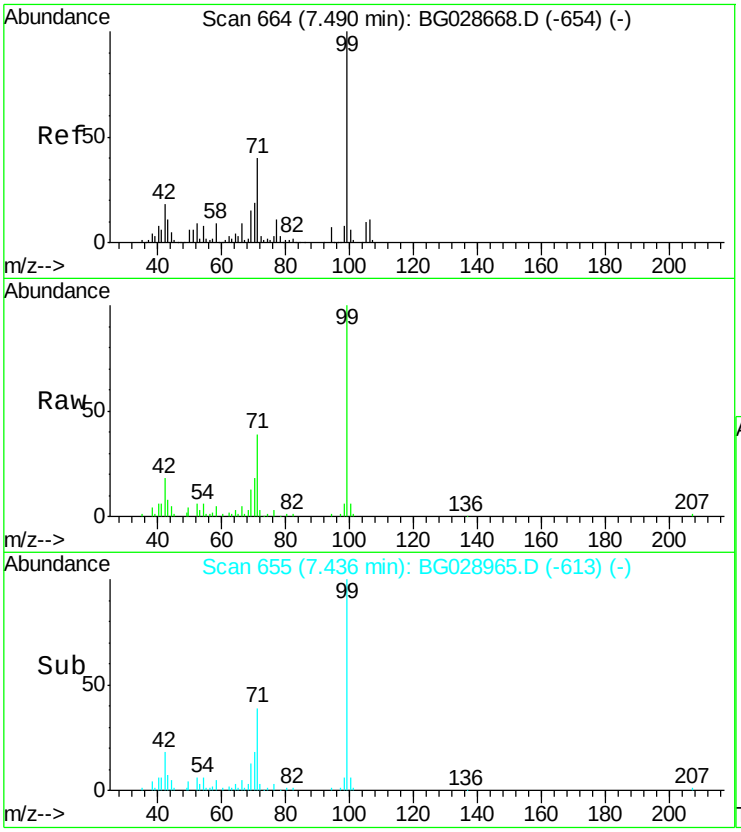


#5
2-Fluorophenol
Concen: 37.37 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:112 Resp: 84739

Ion	Ratio	Lower	Upper
112	100		
64	73.6	61.8	92.6
63	39.2	37.2	55.8



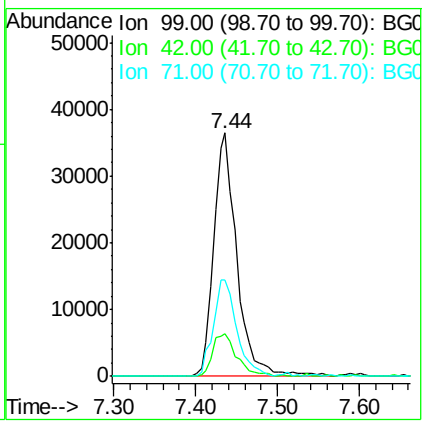


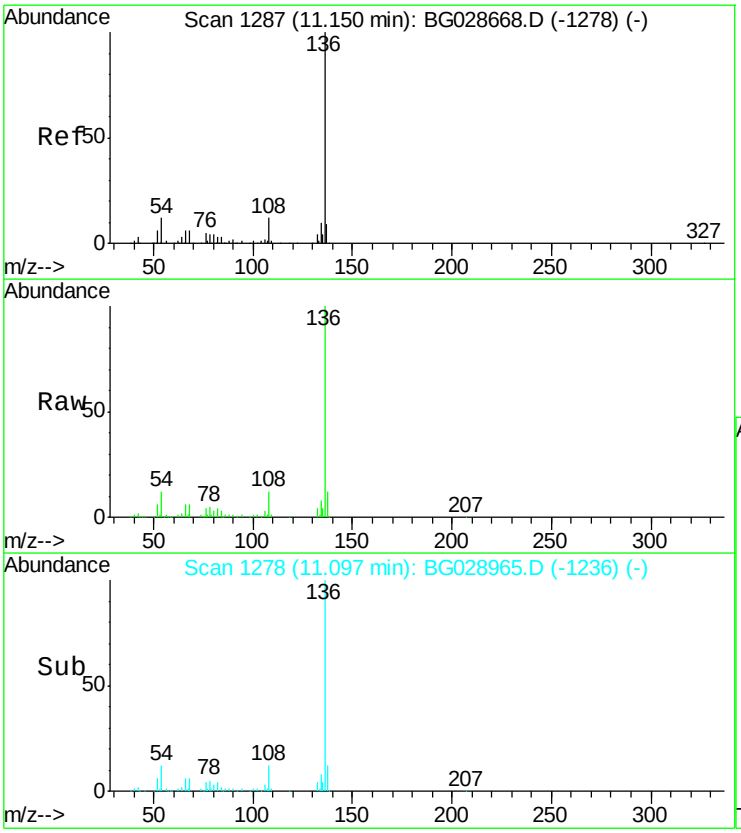
#7
Phenol-d6
Concen: 21.00 ng
RT: 7.44 min Scan# 655
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 71706

Ion	Ratio	Lower	Upper
99	100		
42	17.7	20.5	30.7#
71	39.3	37.6	56.4

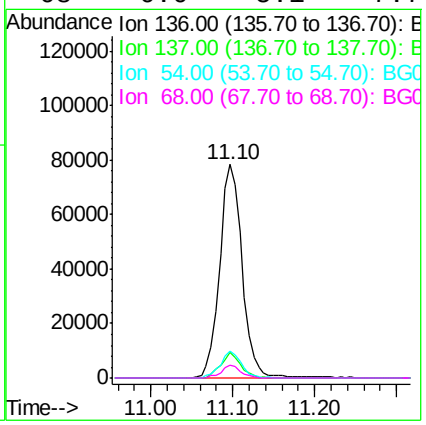


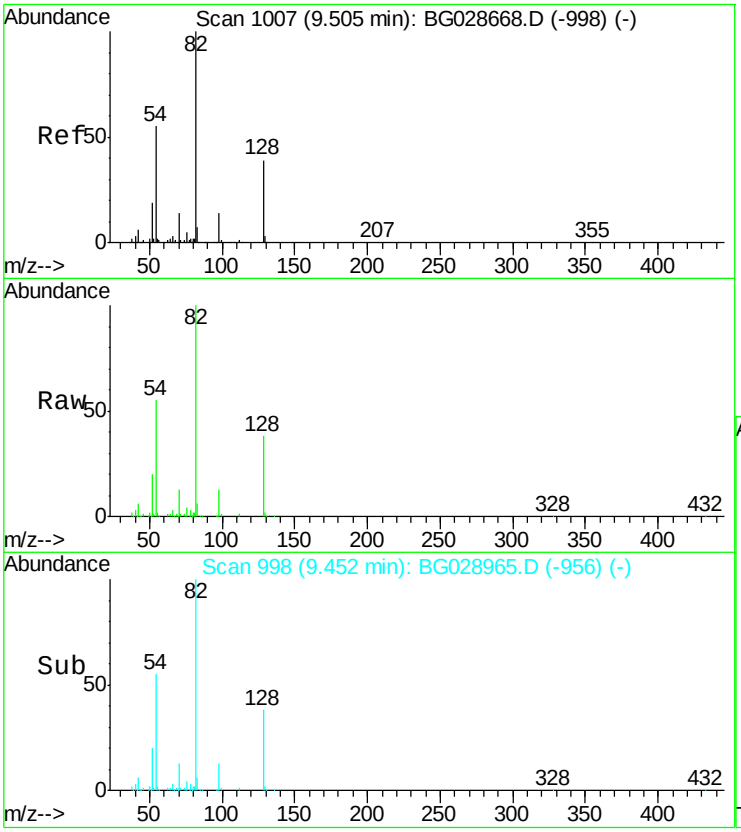


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:136 Resp: 150506

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	12.3	9.3	13.9
68	6.0	5.1	7.7



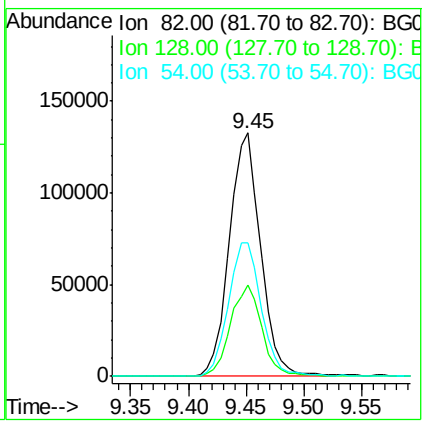


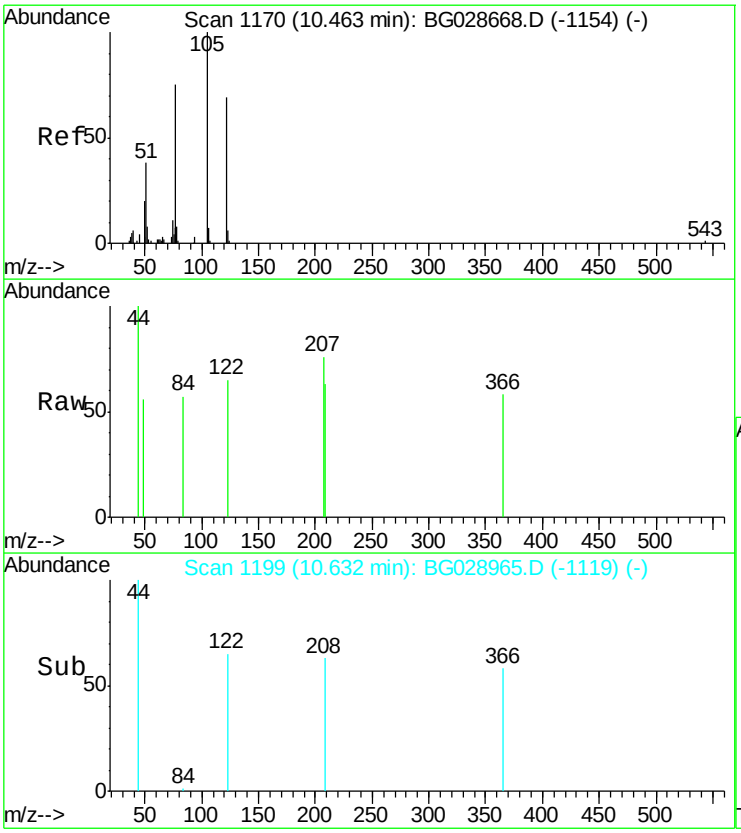
#23
Nitrobenzene-d5
Concen: 79.42 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 249856

Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	54.8	49.4	74.2

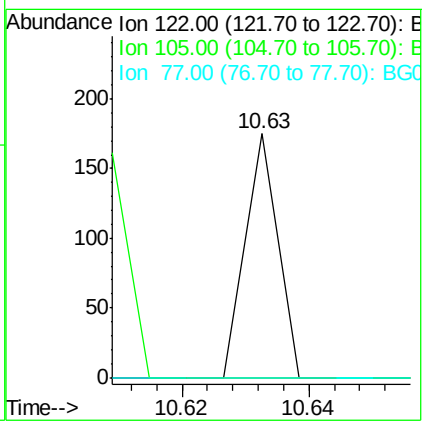


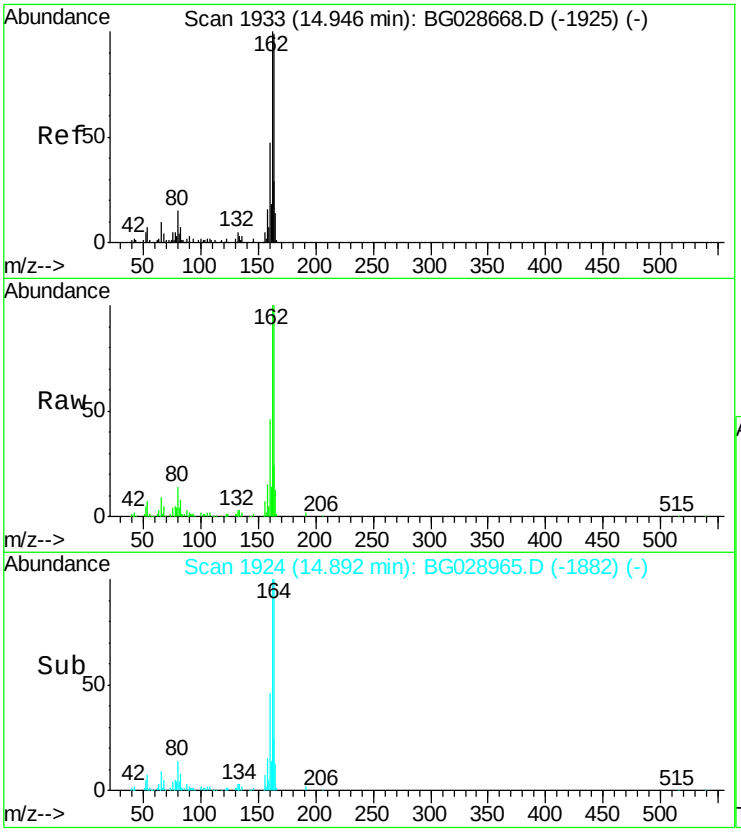


#32
Benzoic acid
Concen: 6.11 ng
RT: 10.63 min Scan# 1199
Delta R.T. 0.17 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:122 Resp: 62

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



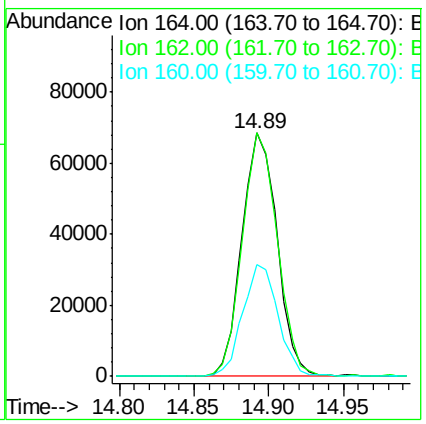


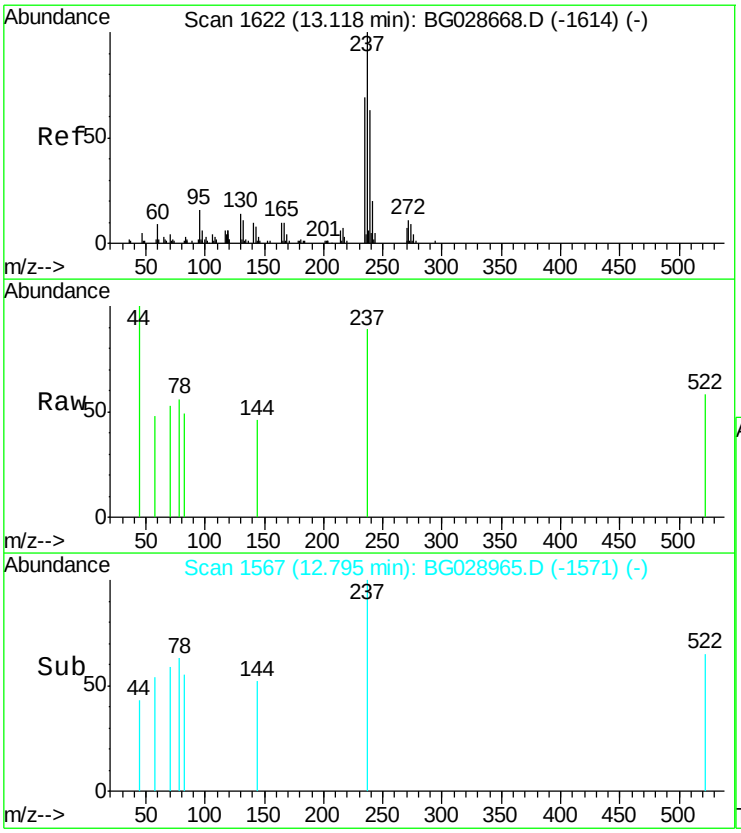
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 111709

Ion	Ratio	Lower	Upper
164	100		
162	100.1	85.1	127.7
160	46.2	34.7	52.1

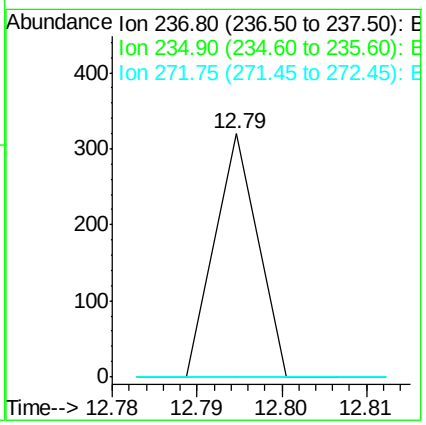


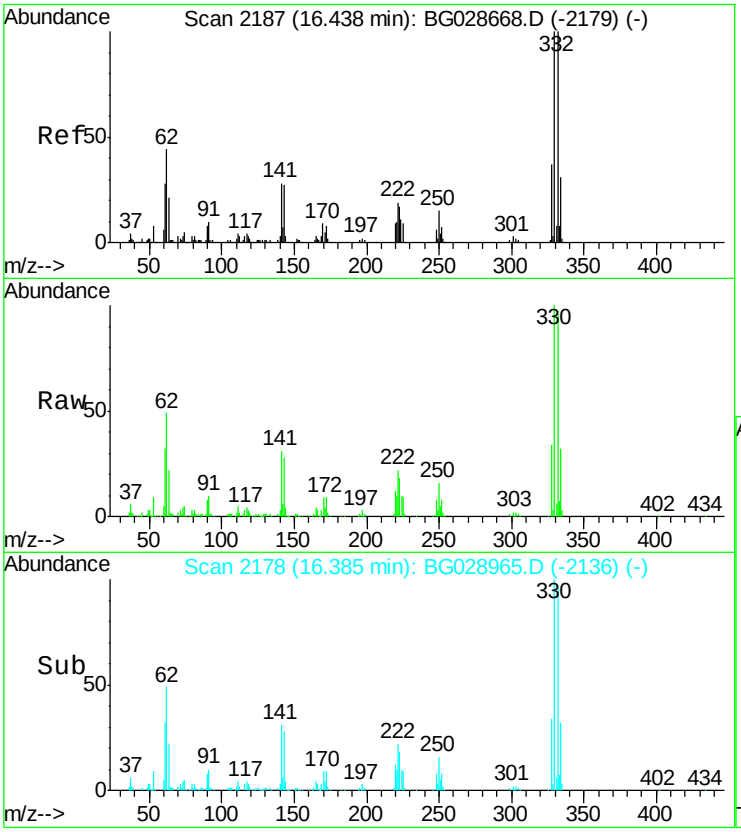


#40
Hexachlorocyclopentadiene
Concen: 7.66 ng
RT: 12.79 min Scan# 1567
Delta R.T. -0.32 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:237 Resp: 113

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



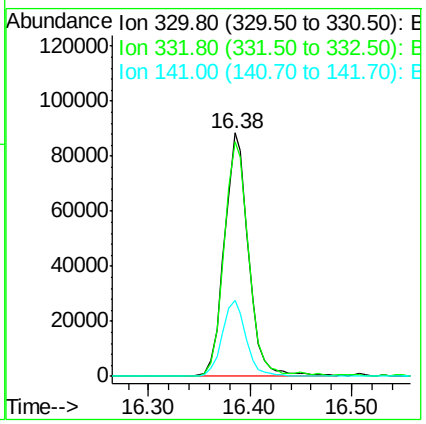


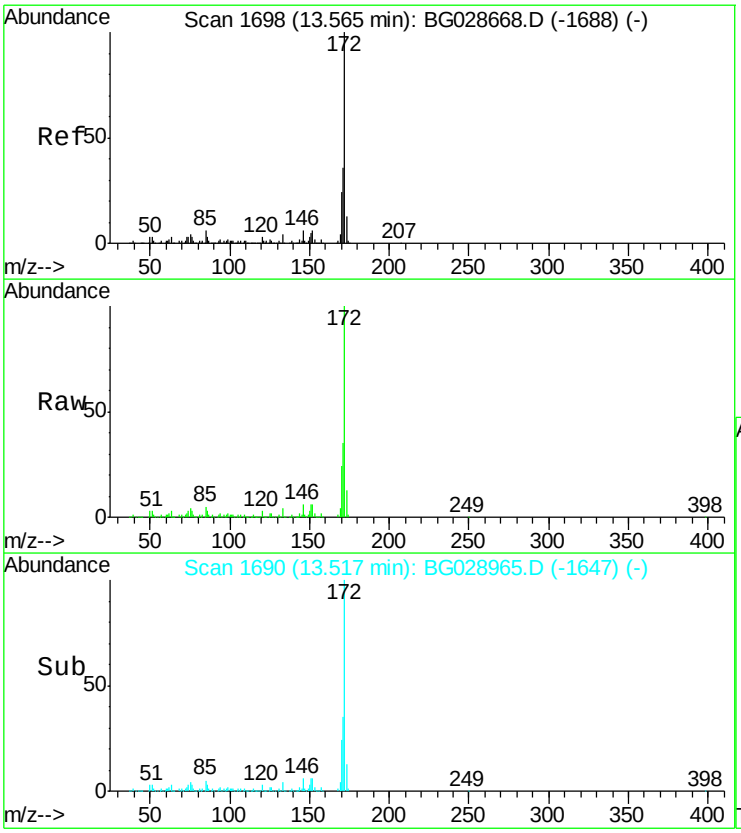
#41
2,4,6-Tribromophenol
Concen: 78.83 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 145653

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	31.2	32.1	48.1#

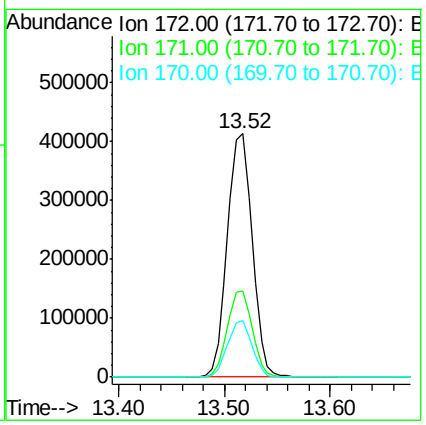


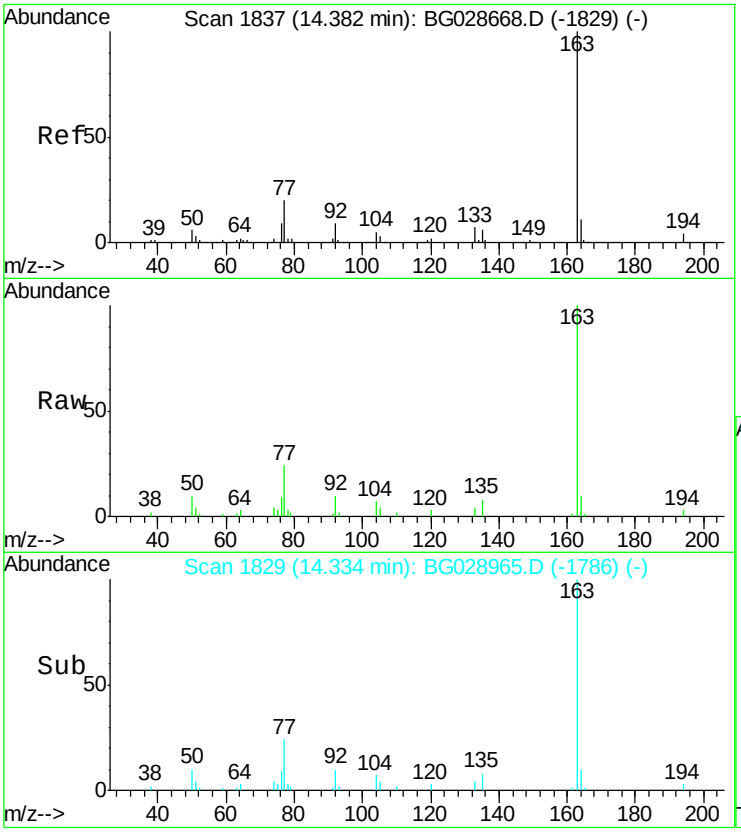


#44
2-Fluorobiphenyl
Concen: 80.42 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:172 Resp: 673731

Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	23.5	21.8	32.6



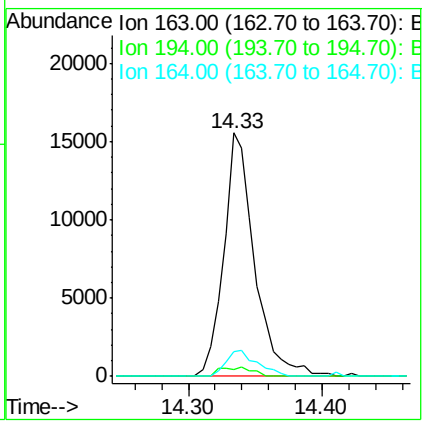


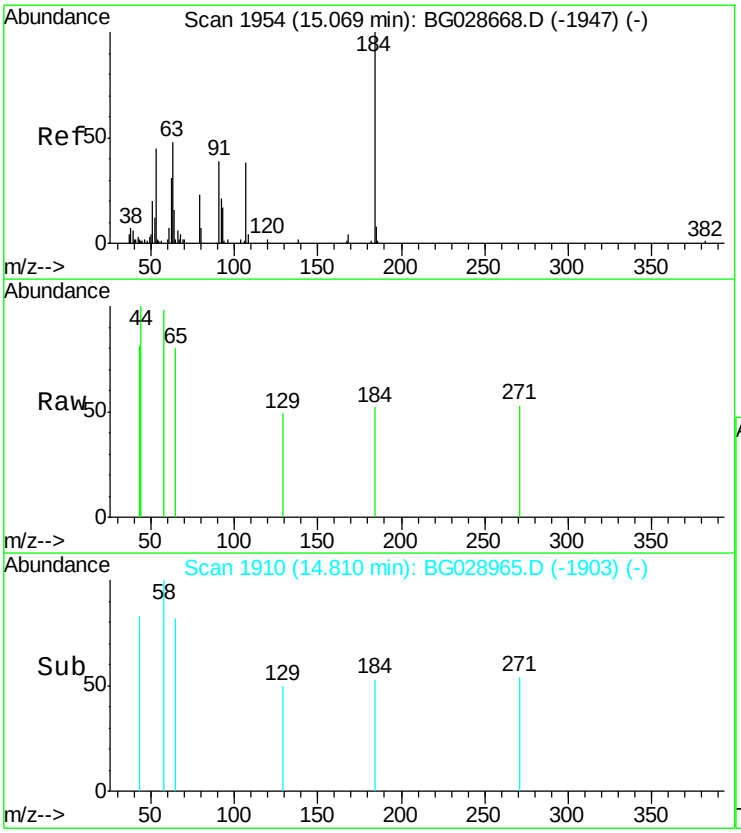
#49
Dimethylphthalate
Concen: 2.67 ng
RT: 14.33 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 25023

Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.8	5.6#
164	10.4	9.3	13.9

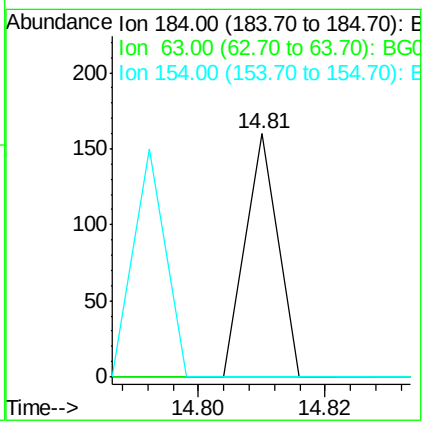


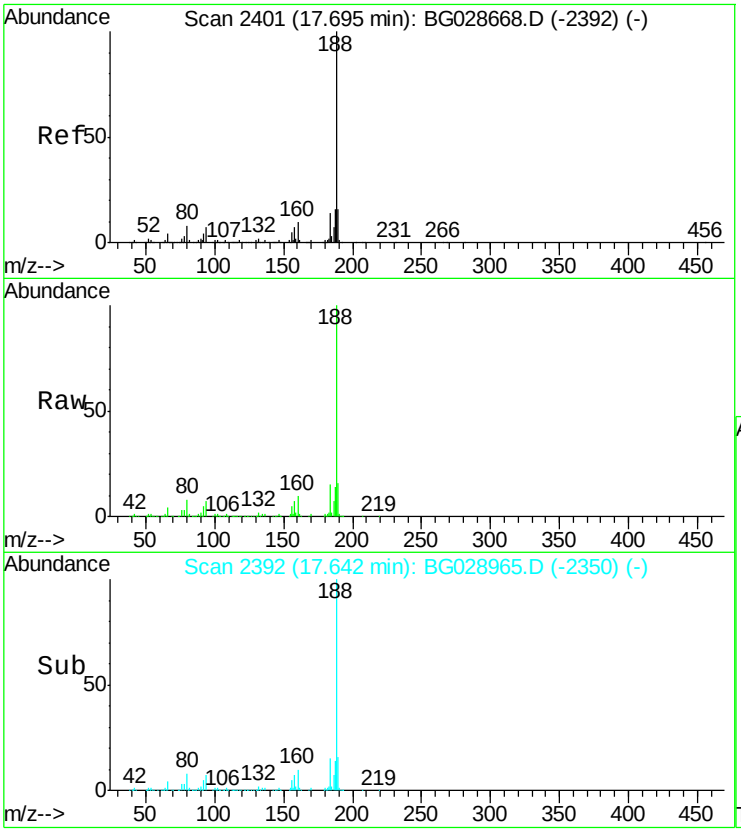


#53
2,4-Dinitrophenol
Concen: 8.05 ng
RT: 14.81 min Scan# 1910
Delta R.T. -0.26 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:184 Resp: 56

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



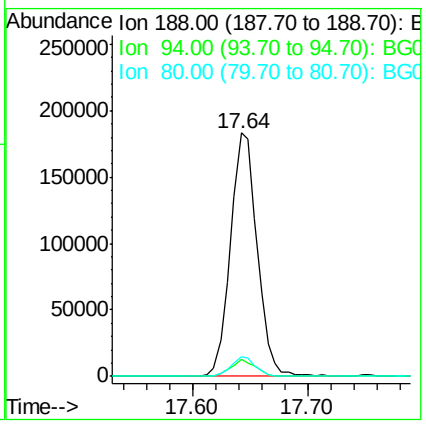


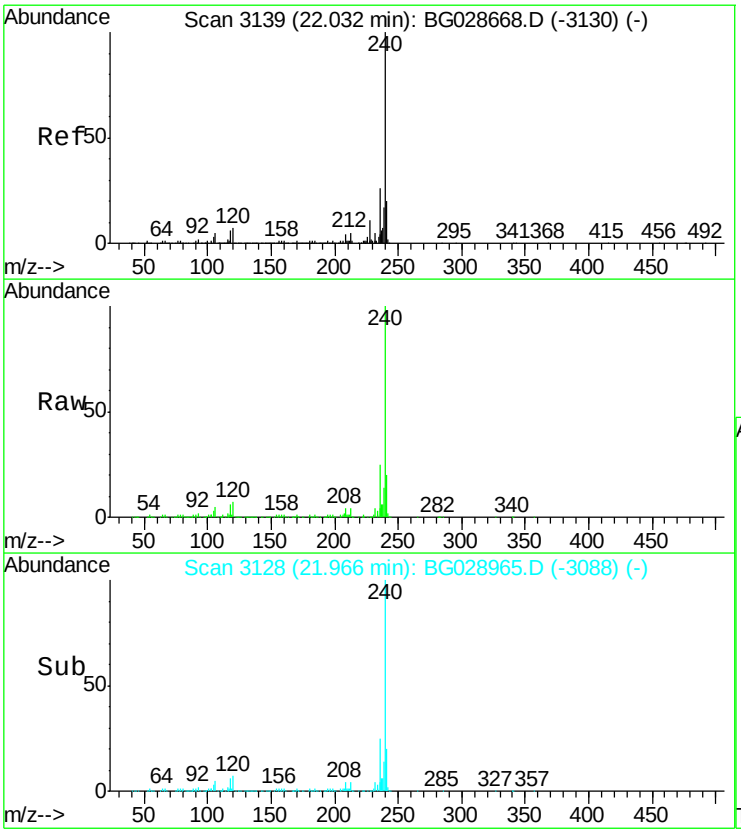
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 292389

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.8
80	8.2	7.5	11.3

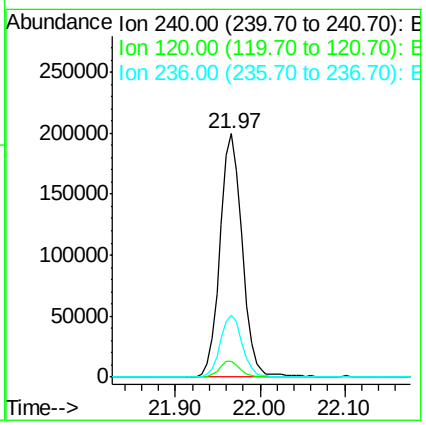


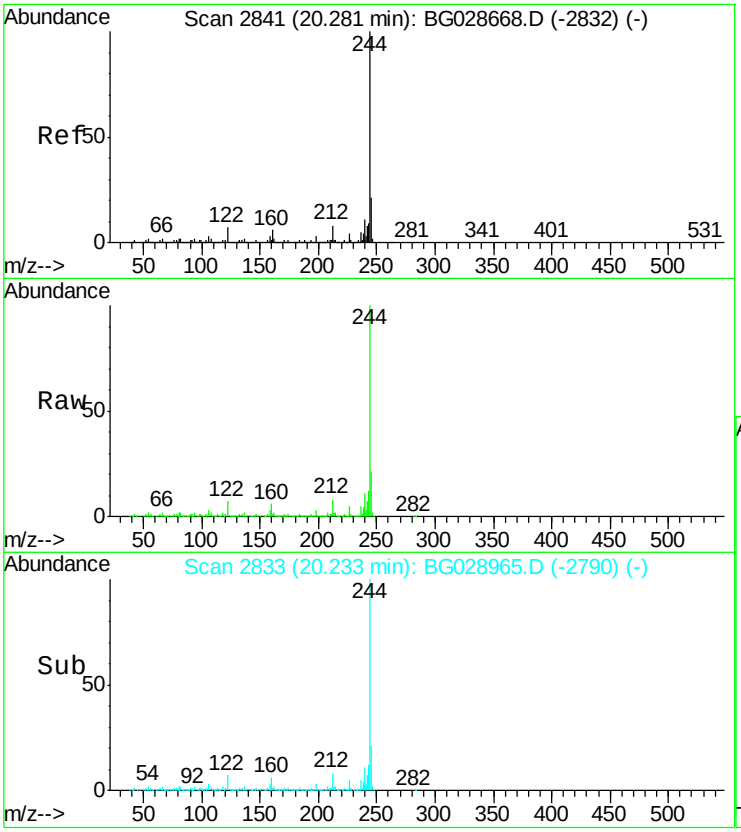


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.07 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:240 Resp: 362882

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	25.4	22.2	33.4



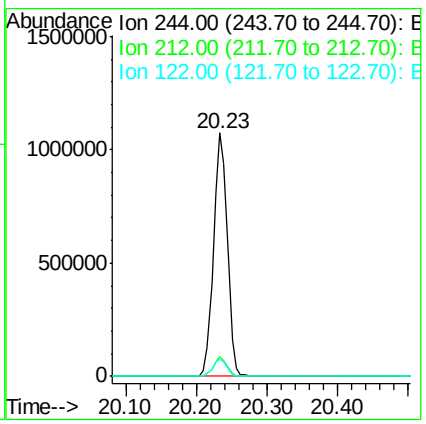


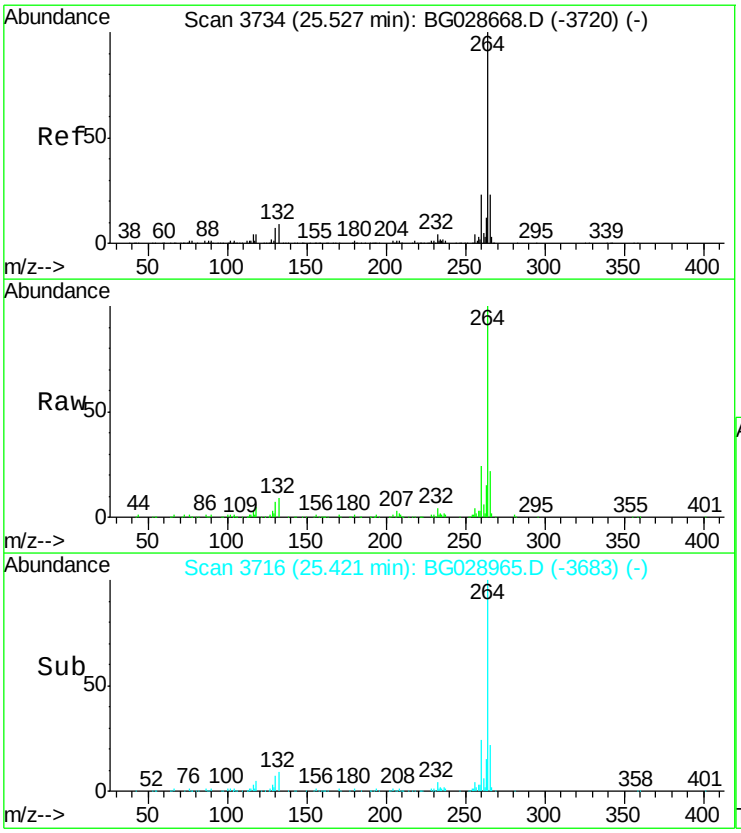
#78
Terphenyl-d14
Concen: 85.80 ng
RT: 20.23 min Scan# 2833
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1459931

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	7.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:264 Resp: 365623

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	22.0	18.2	27.4