Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031795.D
Acq On : 27 Dec 2017 14:14
Operator : SJ/JU
Sample : I7049-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 28 07:16:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43652	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	178225	20.00	ng		-0.04
38) Acenaphthene-d10	15.43	164	128806	20.00	ng		-0.04
63) Phenanthrene-d10	18.16	188	357040	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	439101	20.00	ng		-0.06
86) Perylene-d12	26.26	264	471305	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	69721	29.09	ng		-0.02
7) Phenol-d6	7.90	99	79356	25.50	ng		-0.03
23) Nitrobenzene-d5	10.00	82	82758	35.06	ng		-0.04
41) 2,4,6-Tribromophenol	16.91	330	63774	32.45	ng		-0.04
44) 2-Fluorobiphenyl	14.06	172	327182	31.88	ng		-0.04
78) Terphenyl-d14	20.70	244	716745	37.29	ng		-0.04
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	10.00	70	10940	5.148	ng	#	65
31) Naphthalene	11.74	128	97990	10.894	ng		98
33) 4-Chloroaniline	11.75	127	13039	3.256	ng	#	41
56) 2,4-Dinitrotoluene	15.43	165	16752	6.241	ng	#	18
76) Benzidine	20.33	184	179562	13.249	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
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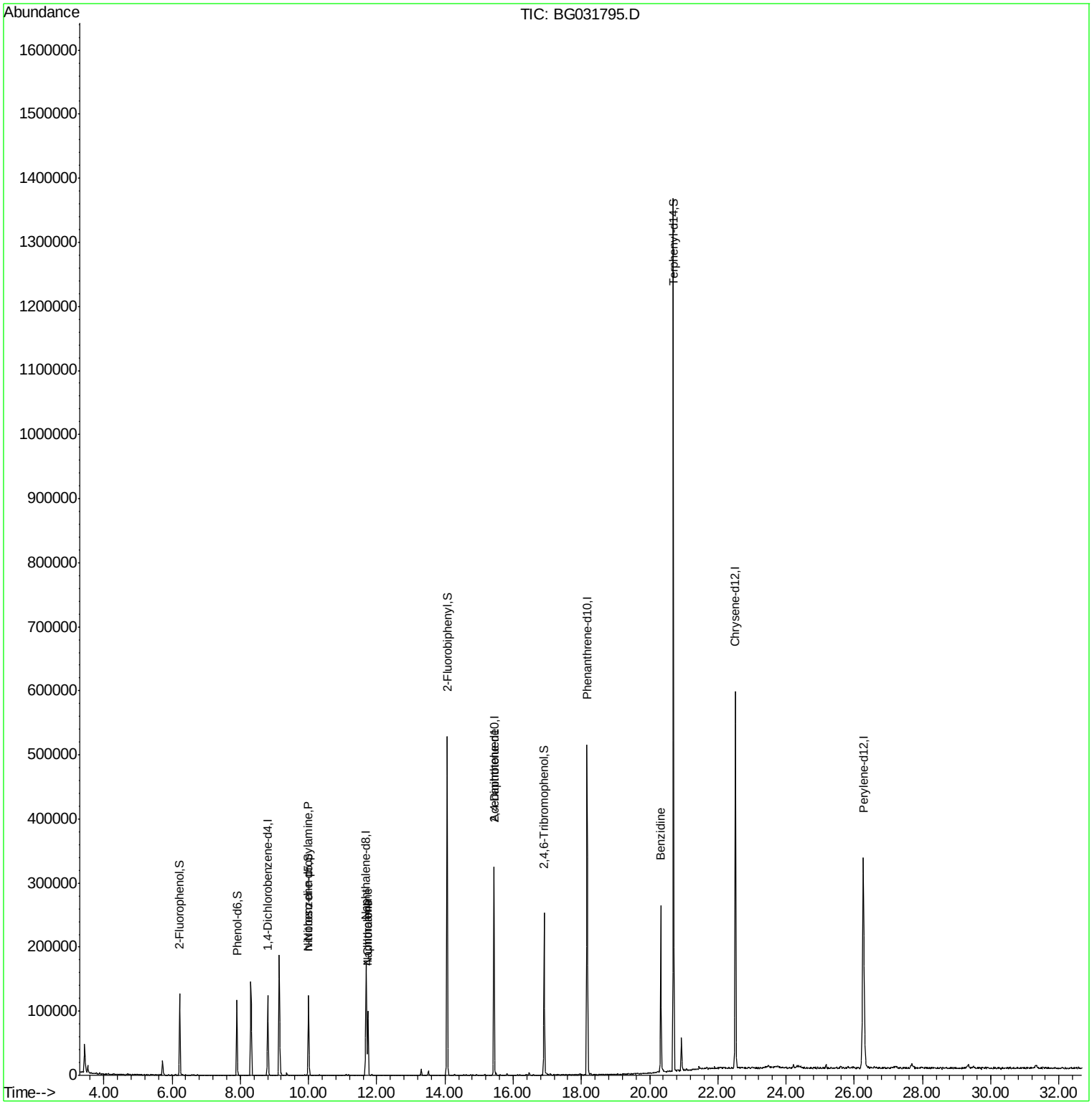
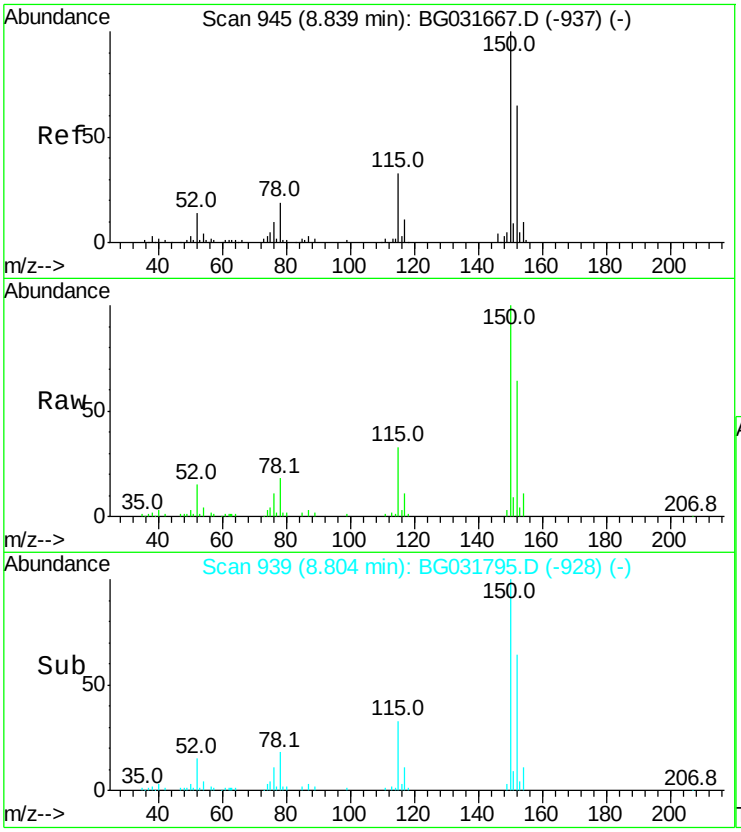


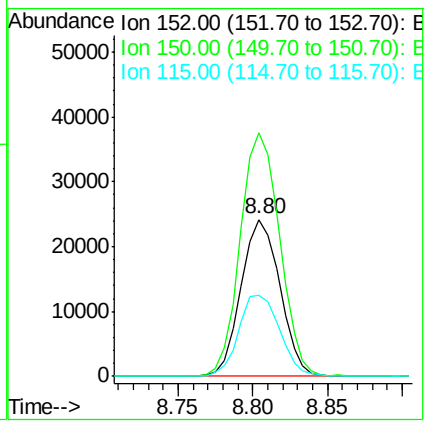


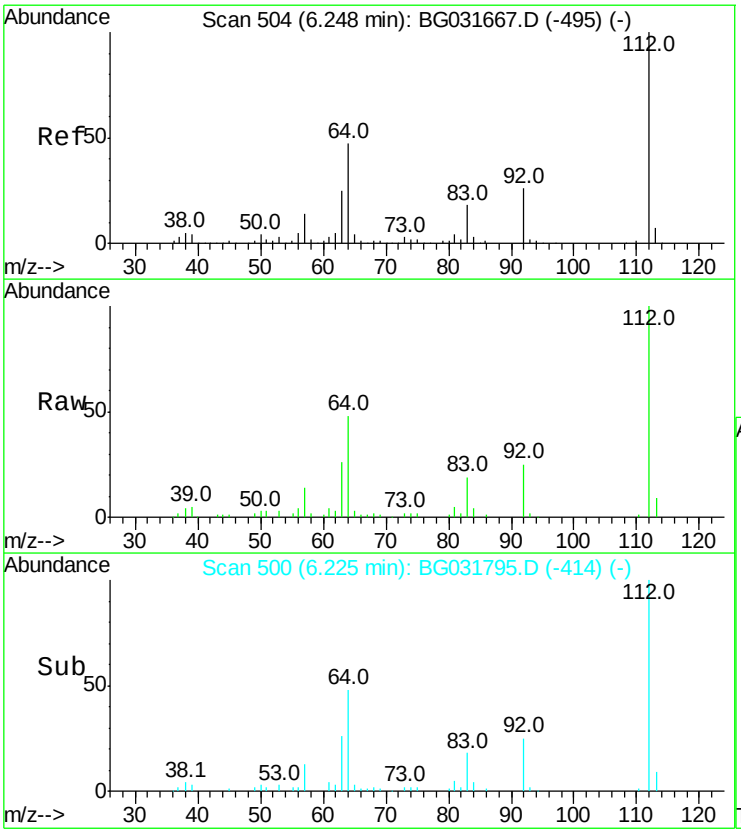
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43652

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.6	189.8
115	51.8	53.0	79.4#

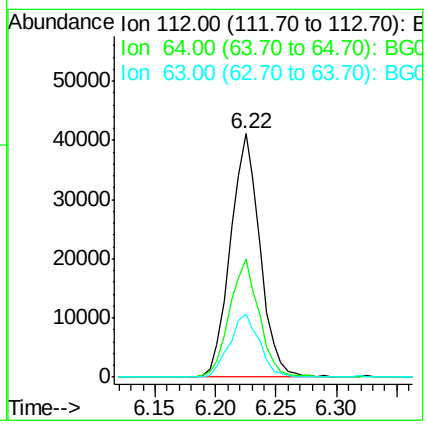


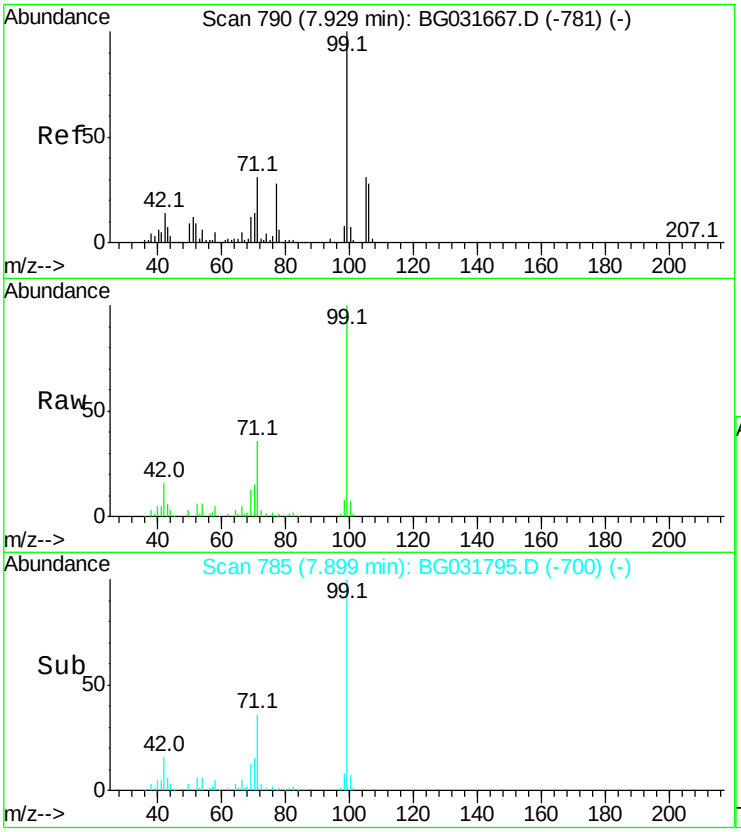


#5
2-Fluorophenol
Concen: 29.091 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion:112 Resp: 69721

Ion	Ratio	Lower	Upper
112	100		
64	48.3	56.3	84.5#
63	25.9	30.1	45.1#



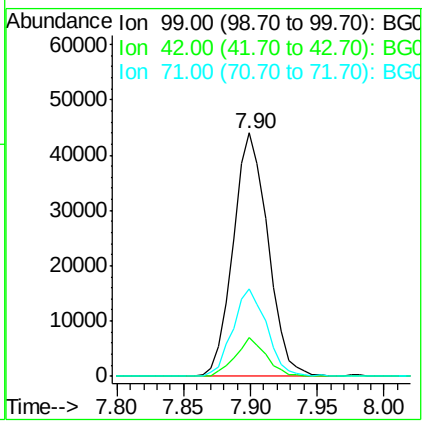


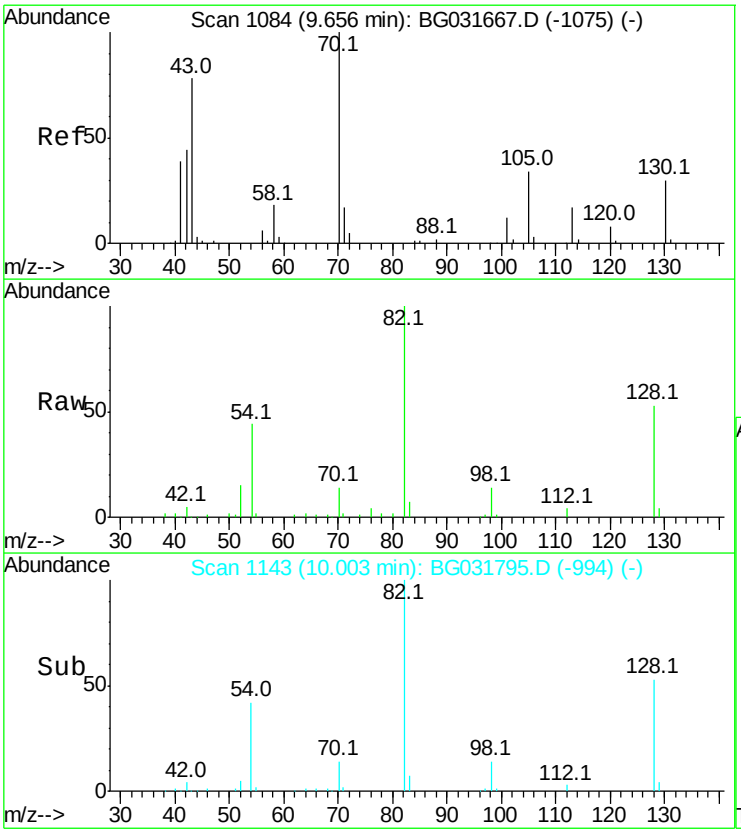
#7
Phenol-d6
Concen: 25.503 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 79356

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.1	21.1
71	35.8	26.1	39.1

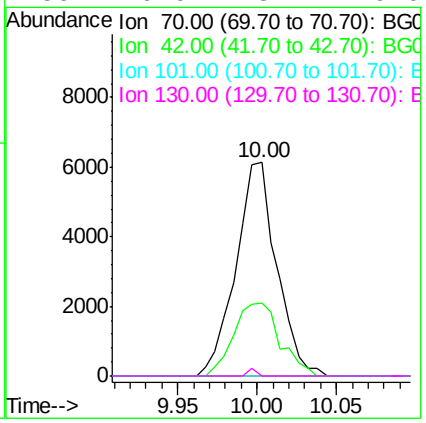


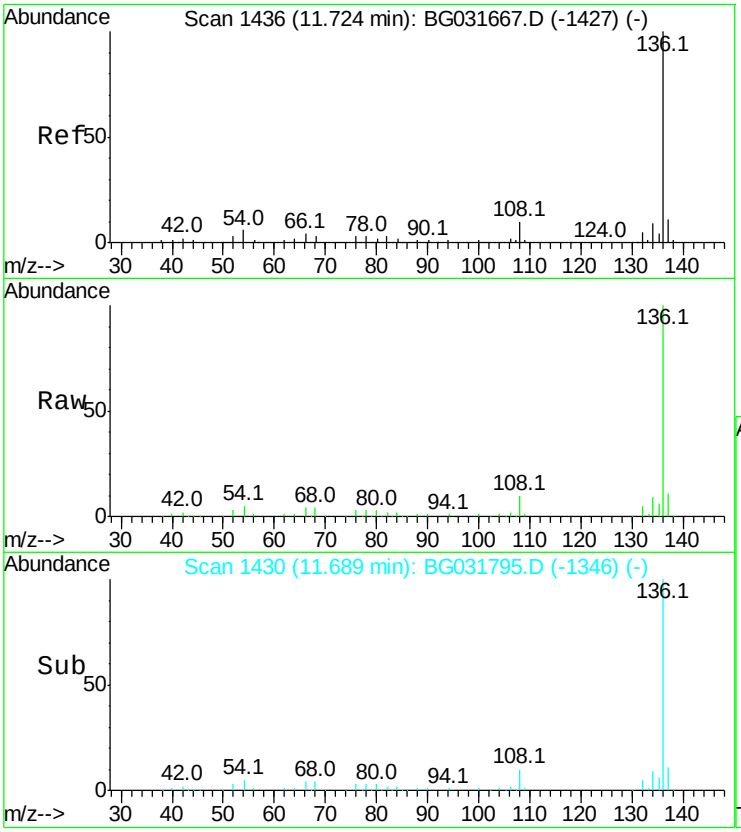


#19
n-Nitroso-di-n-propylamine
Concen: 5.148 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion: 70 Resp: 10940

Ion	Ratio	Lower	Upper
70	100		
42	34.0	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



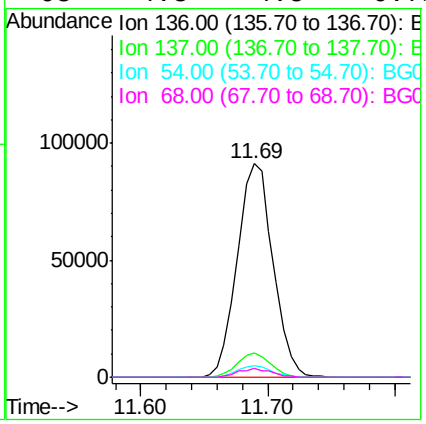


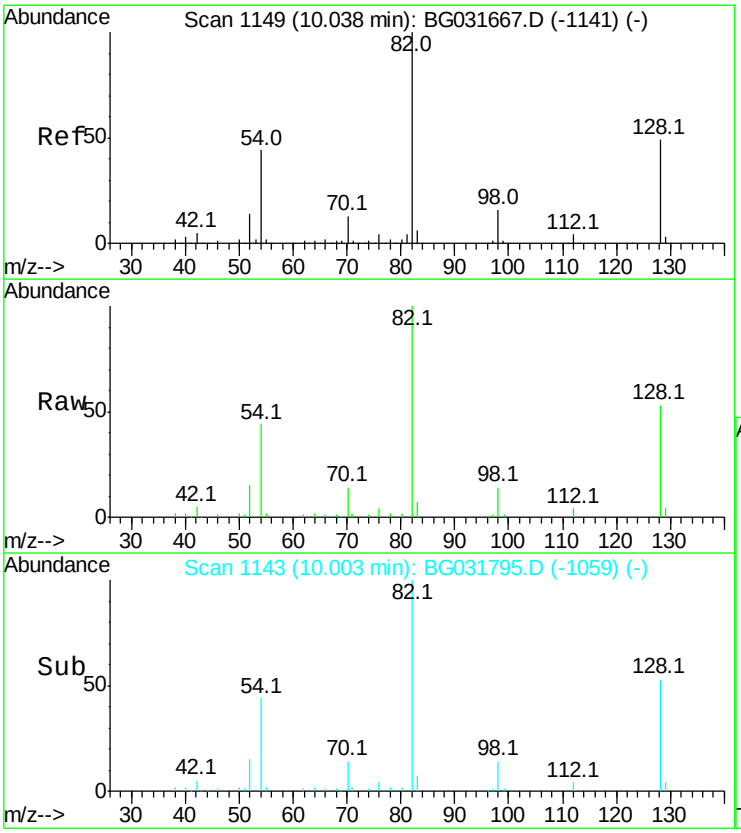
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 178225

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	5.4	10.3	15.5#
68	4.3	4.5	6.7#

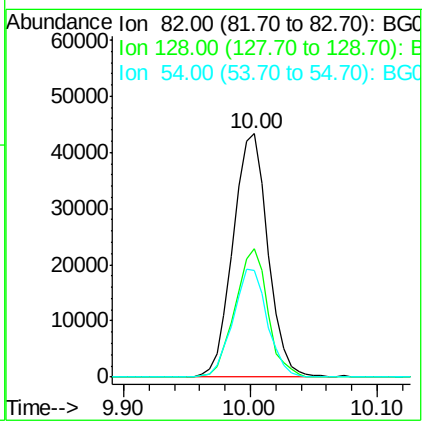


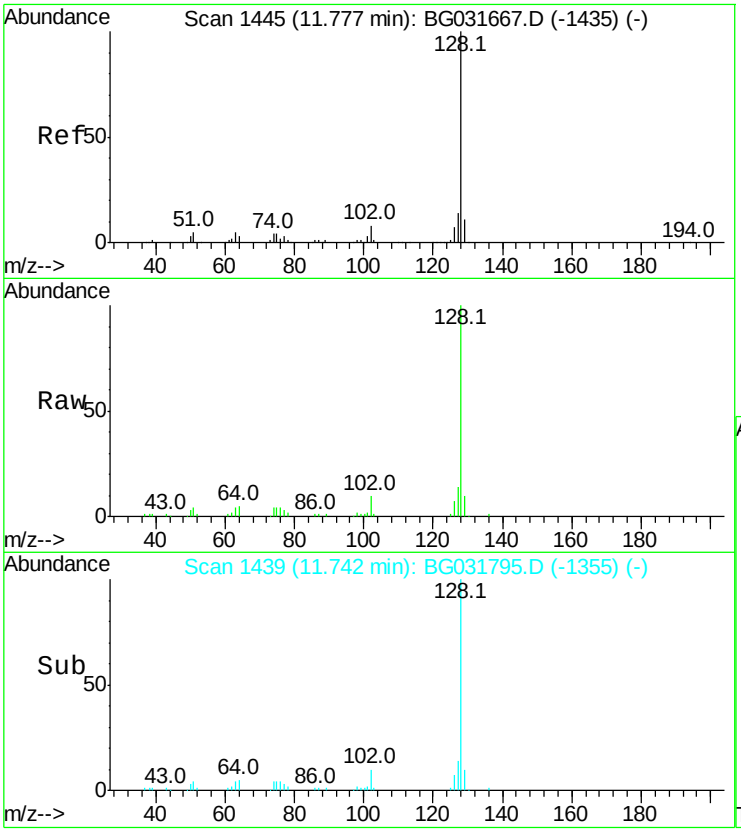


#23
Nitrobenzene-d5
Concen: 35.064 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion: 82 Resp: 82758

Ion	Ratio	Lower	Upper
82	100		
128	52.8	29.7	44.5#
54	44.0	43.1	64.7



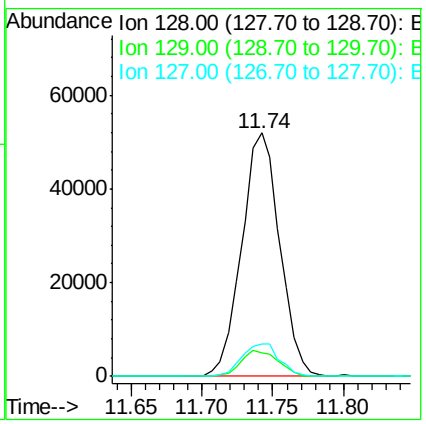


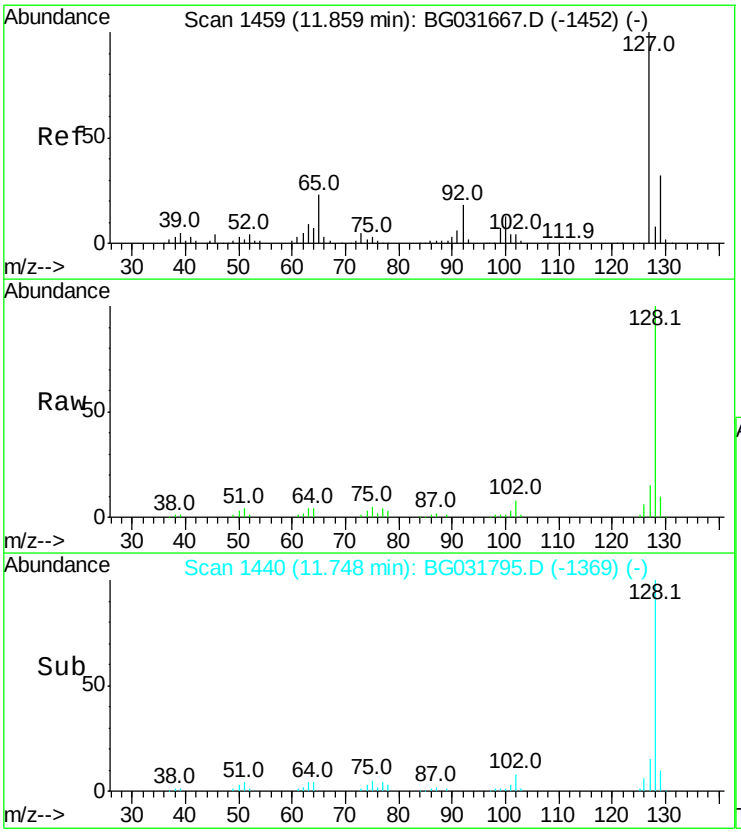
#31
Naphthalene
Concen: 10.894 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 97990

Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.6	12.8
127	13.5	11.6	17.4

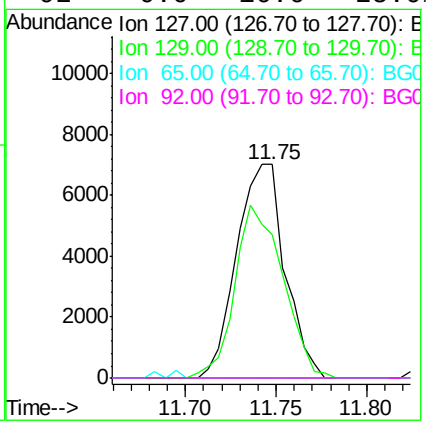


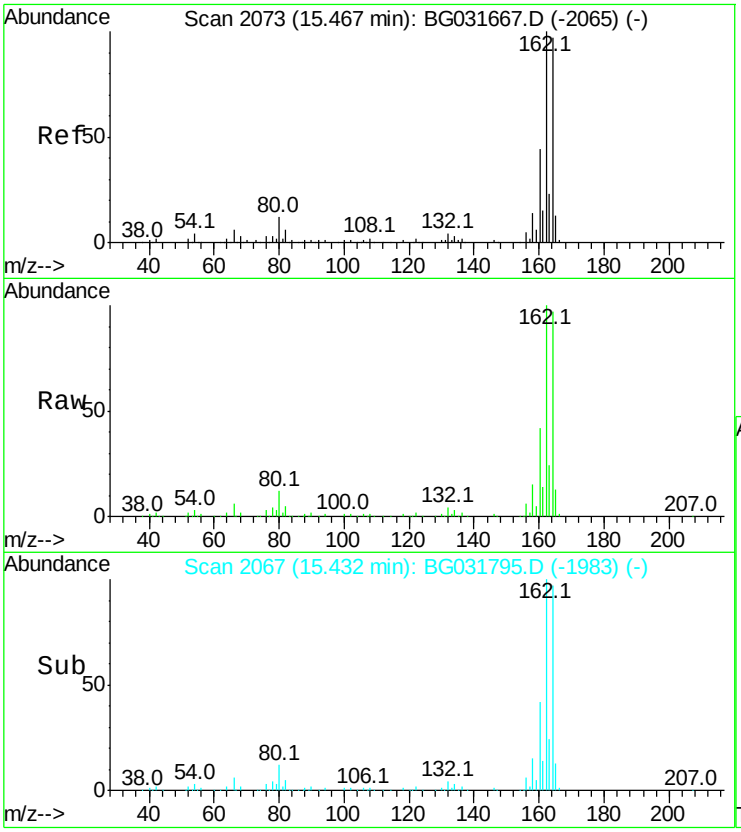


#33
4-Chloroaniline
Concen: 3.256 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.11 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion:127 Resp: 13039

Ion	Ratio	Lower	Upper
127	100		
129	66.9	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



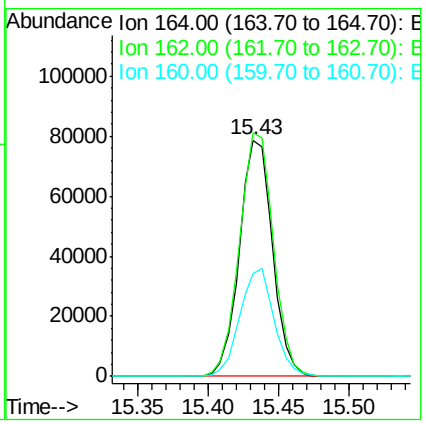


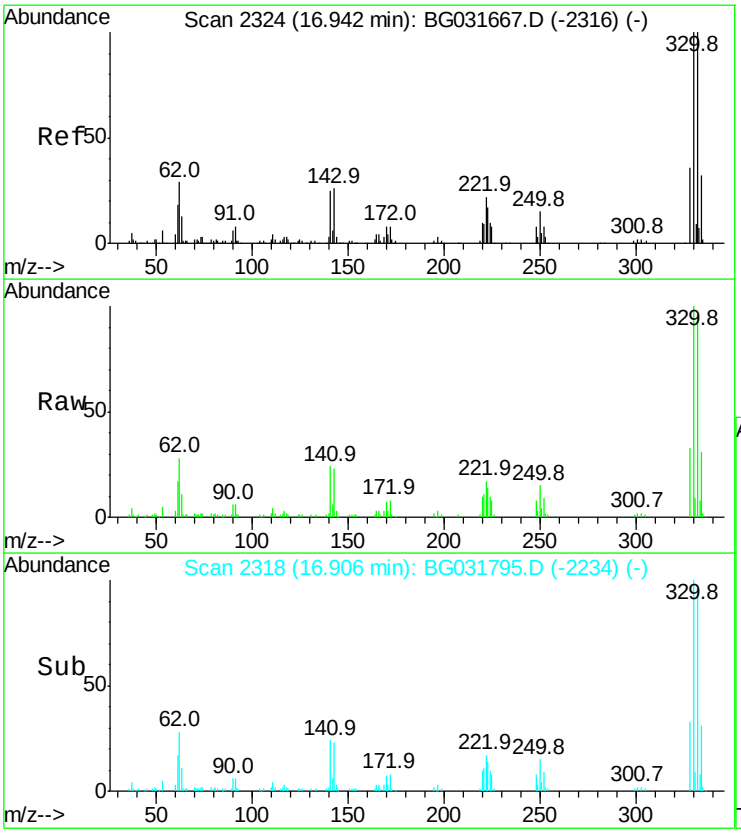
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 128806

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	43.5	35.4	53.0

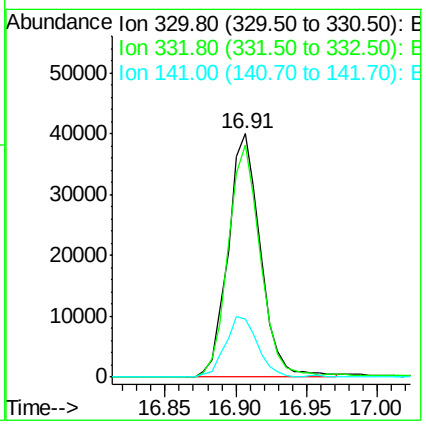


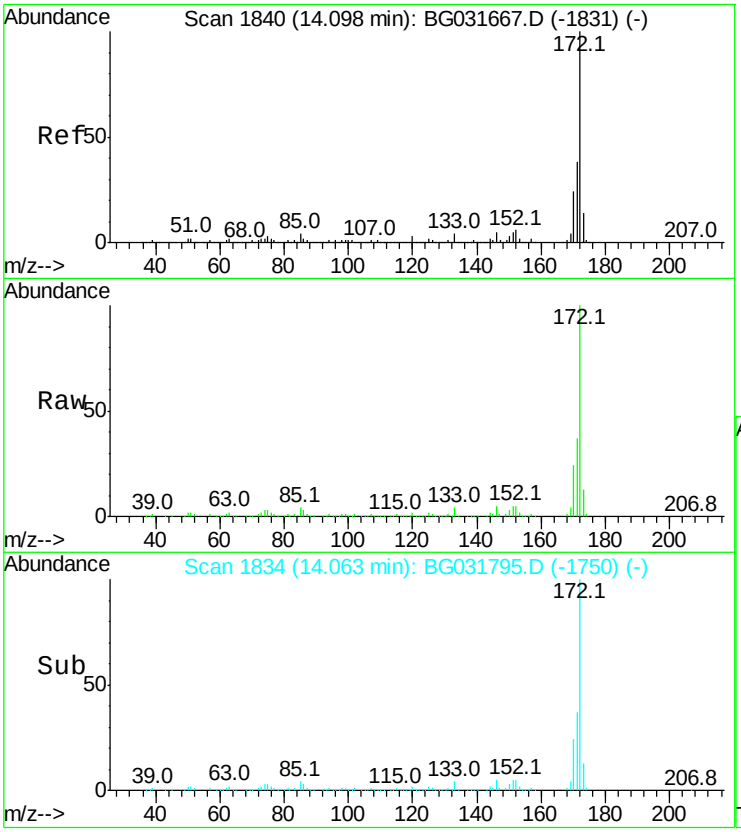


#41
2,4,6-Tribromophenol
Concen: 32.448 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion:330 Resp: 63774

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	24.8	25.2	37.8#



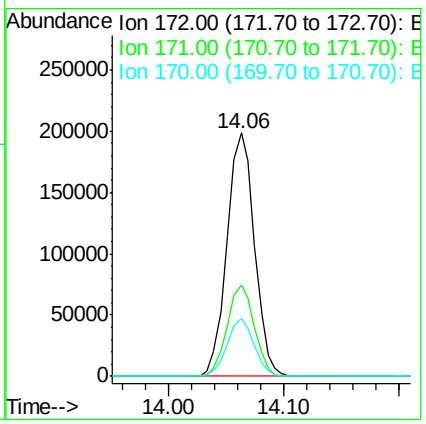


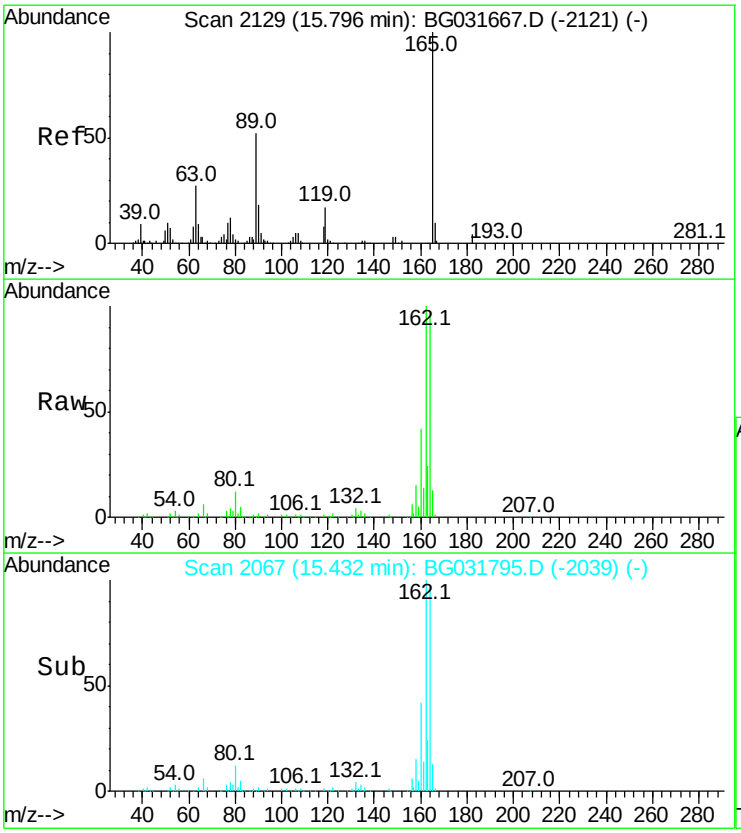
#44
2-Fluorobiphenyl
Concen: 31.882 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 327182

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.0	19.5	29.3

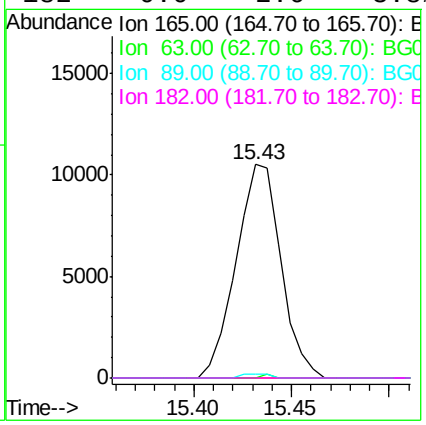


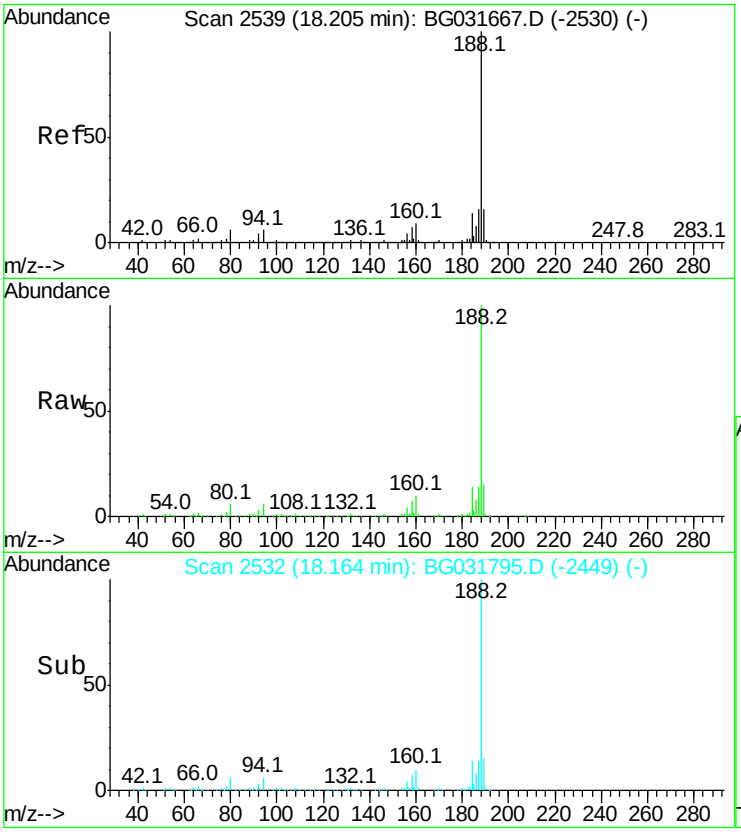


#56
2,4-Dinitrotoluene
Concen: 6.241 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion:165 Resp: 16752

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#



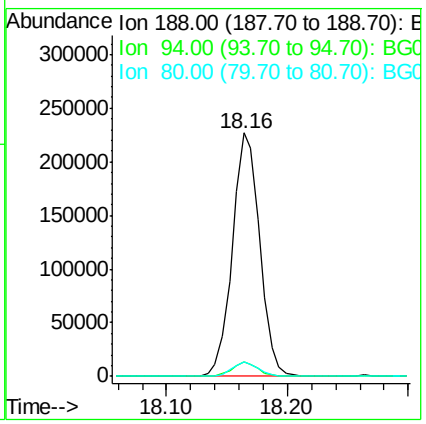


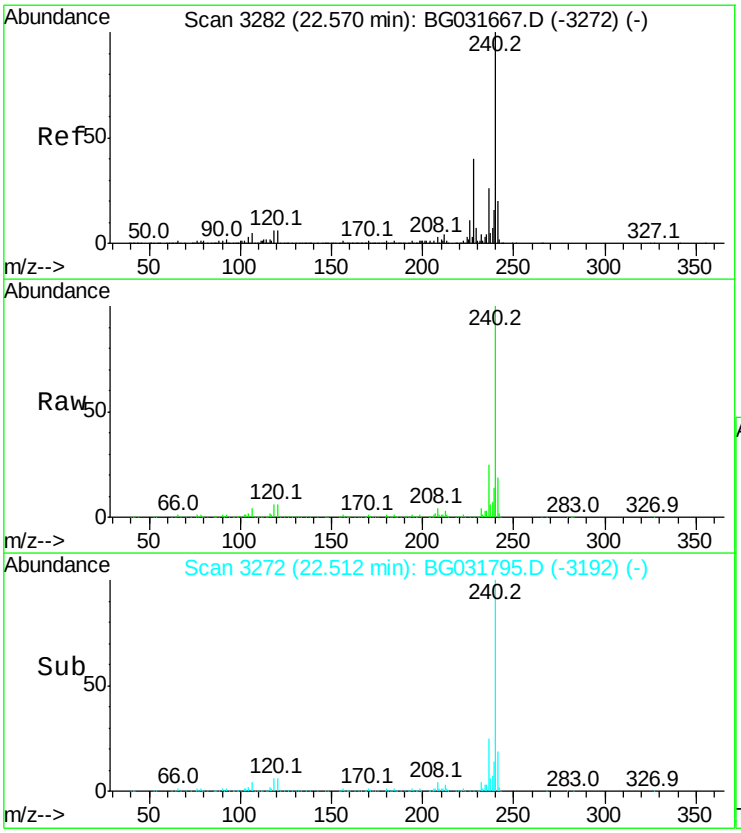
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 357040

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	6.0	7.7	11.5#

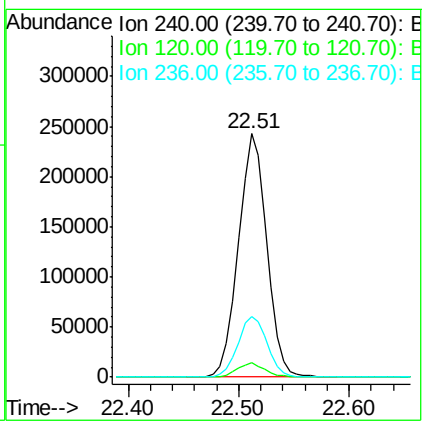


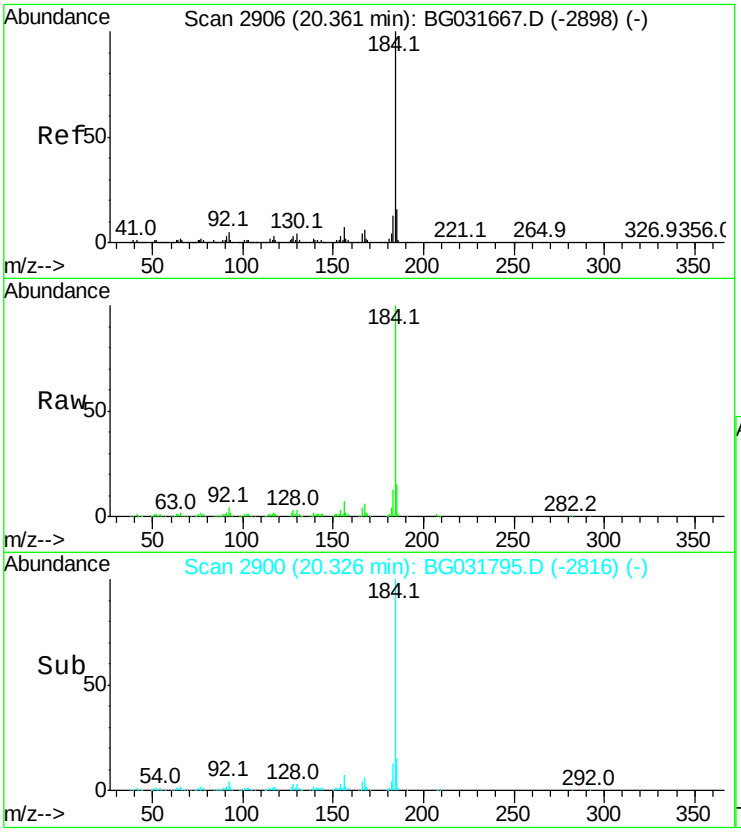


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion:240 Resp: 439101

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	24.8	20.9	31.3



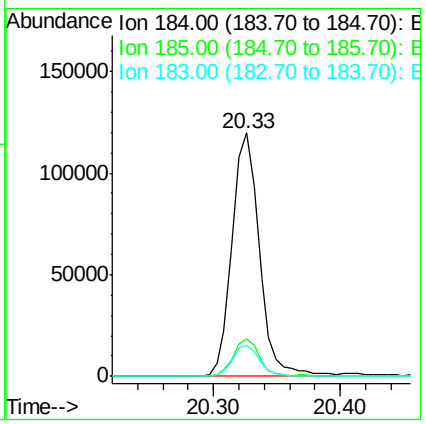


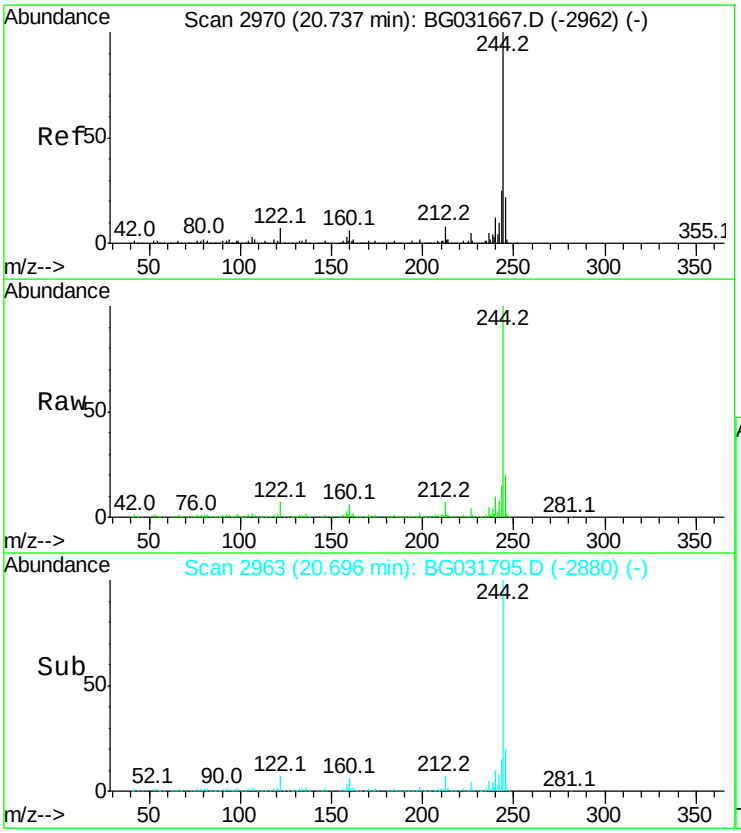
#76
Benzidine
Concen: 13.249 ng
RT: 20.33 min Scan# 2900
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 179562

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.1	16.7
183	12.5	10.6	16.0

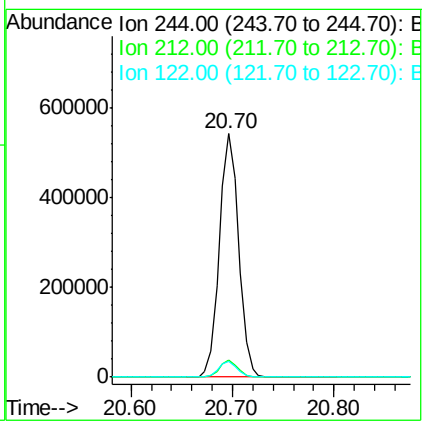


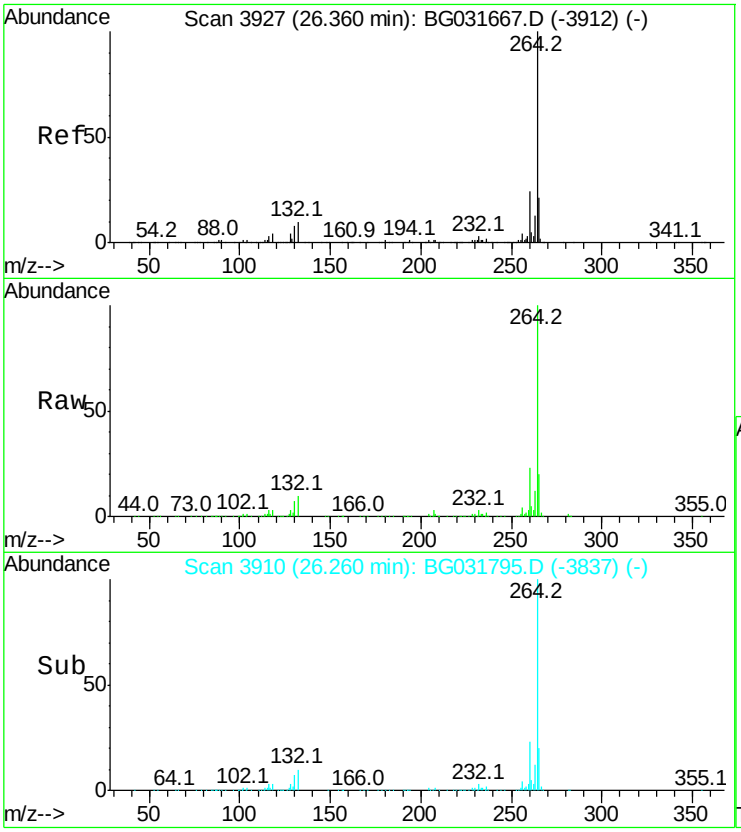


#78
Terphenyl-d14
Concen: 37.292 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Tgt Ion:244 Resp: 716745

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031795.D
Acq: 27 Dec 2017 14:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 471305

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.3	17.7	26.5