Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028704.D
Acq On : 13 Sep 2017 18:44
Operator : SJ/JU
Sample : I5189-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 14 05:41:47 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	8.33	152	28223	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	118428	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	101745	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	243995	20.00	ng		0.00
75) Chrysene-d12	22.03	240	273704	20.00	ng		0.00
86) Perylene-d12	25.53	264	283550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	102777	60.09	ng		0.00
7) Phenol-d6	7.49	99	90368	35.09	ng		0.00
23) Nitrobenzene-d5	9.50	82	258708	104.50	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	255758	151.98	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	695118	91.10	ng		0.00
78) Terphenyl-d14	20.28	244	1282492	99.93	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.47	77	43143	27.003	ng	#	1
15) Benzyl Alcohol	8.66	79	4537	2.257	ng	#	50
18) Hexachloroethane	9.44	117	34693	44.835	ng	#	1
20) 3+4-Methylphenols	9.10	107	7275	2.929	ng		95
22) Acetophenone	9.12	105	77007	22.239	ng	#	47
24) Nitrobenzene	9.52	77	8175	2.982	ng	#	11
31) Naphthalene	11.20	128	749666	121.201	ng		100
32) Benzoic acid	10.47	122	260	6.236	ng	#	1
33) 4-Chloroaniline	11.20	127	105719	40.800	ng	#	31
35) Caprolactam	12.11	113	2302	3.025	ng	#	1
37) 2-Methylnaphthalene	12.78	142	356909	77.287	ng		98
40) Hexachlorocyclopentadiene	13.27	237	65	7.639	ng	#	29
45) 1,1'-Biphenyl	13.77	154	35738	4.242	ng		96
53) 2,4-Dinitrophenol	15.11	184	169	8.153	ng	#	1

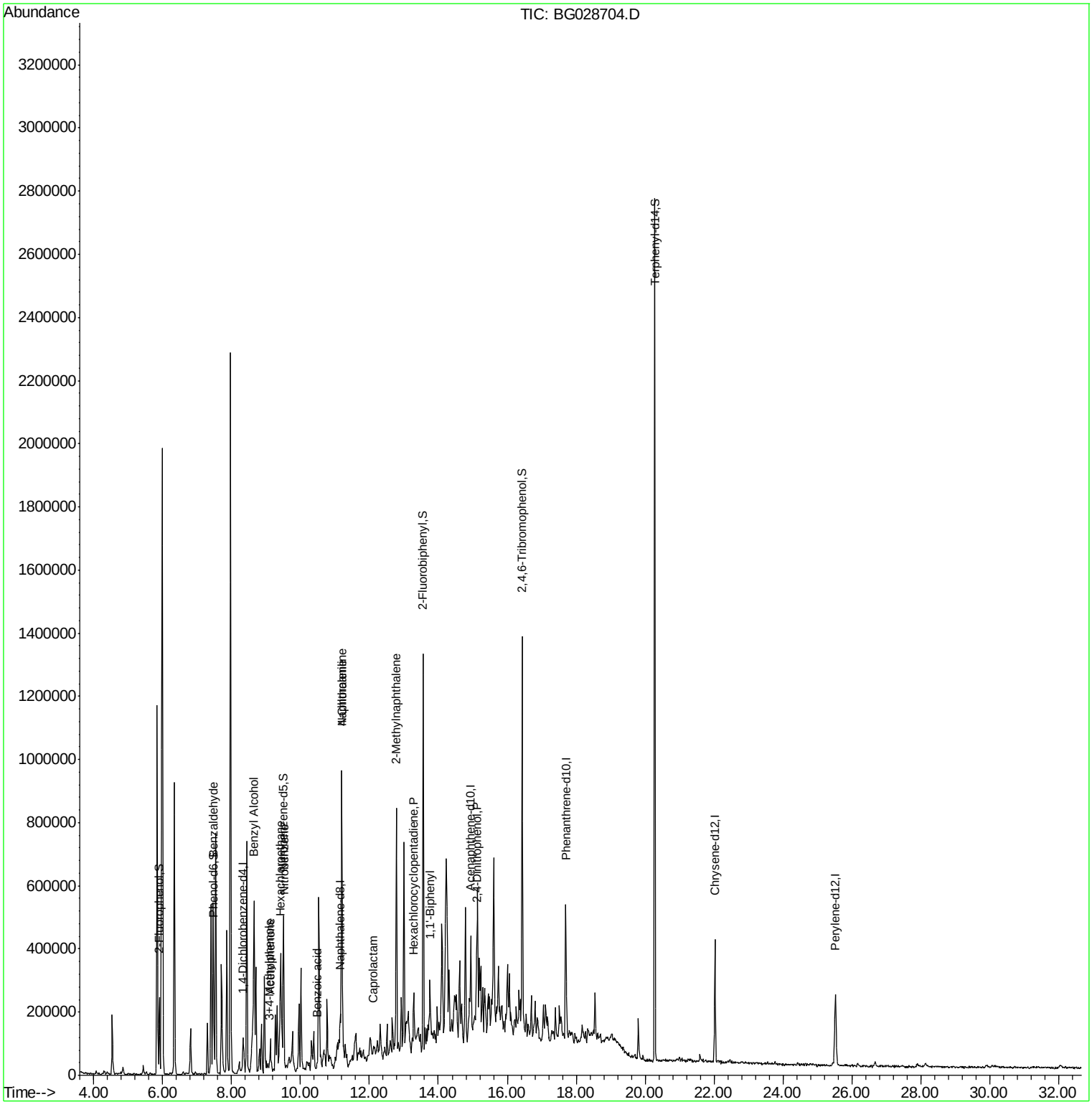
(#) = qualifier out of range (m) = manual integration (+) = signals summed

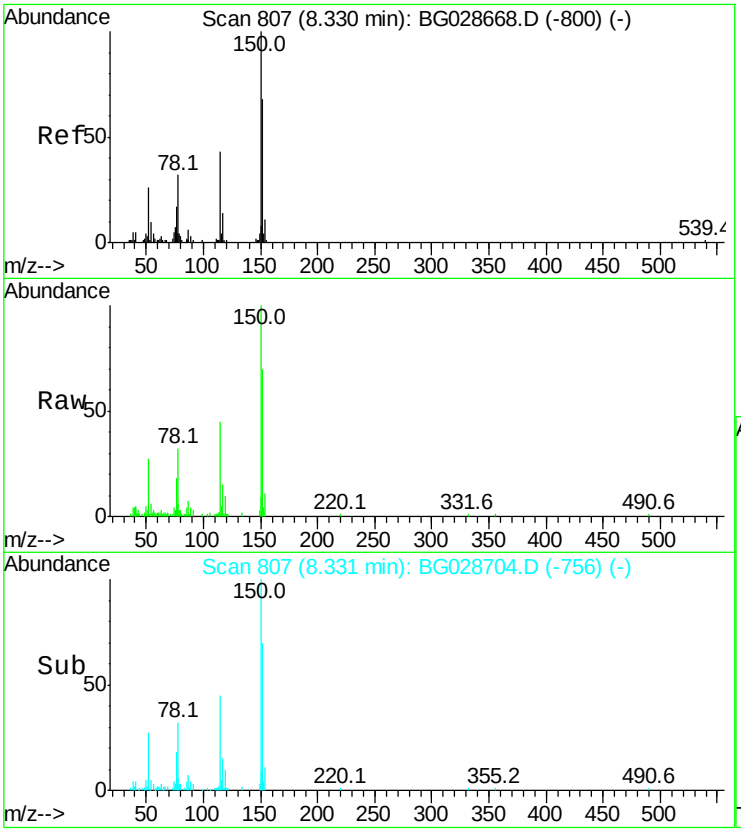
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028704.D
Acq On : 13 Sep 2017 18:44
Operator : SJ/JU
Sample : I5189-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 14 05:41:47 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



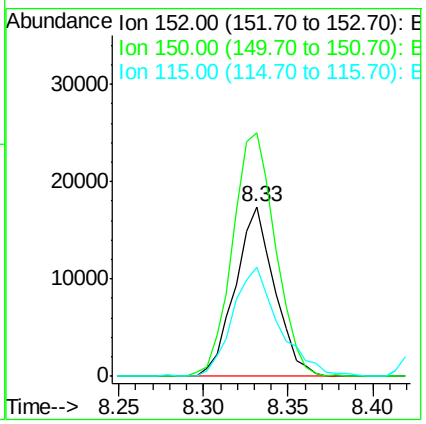


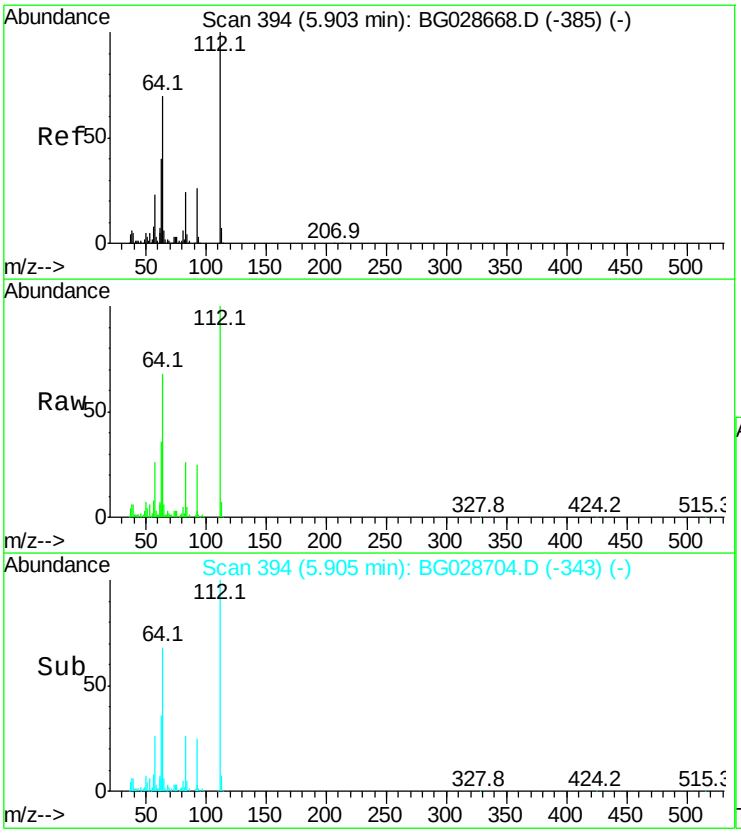
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28223

Ion	Ratio	Lower	Upper
152	100		
150	143.7	114.0	171.0
115	64.7	48.1	72.1

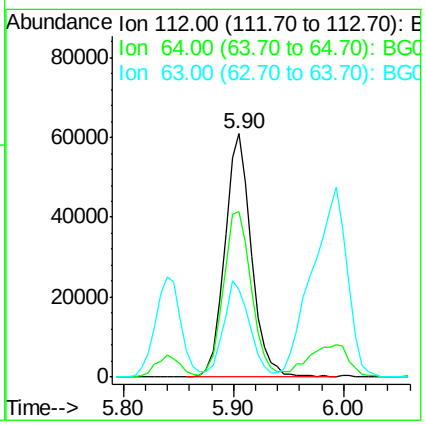


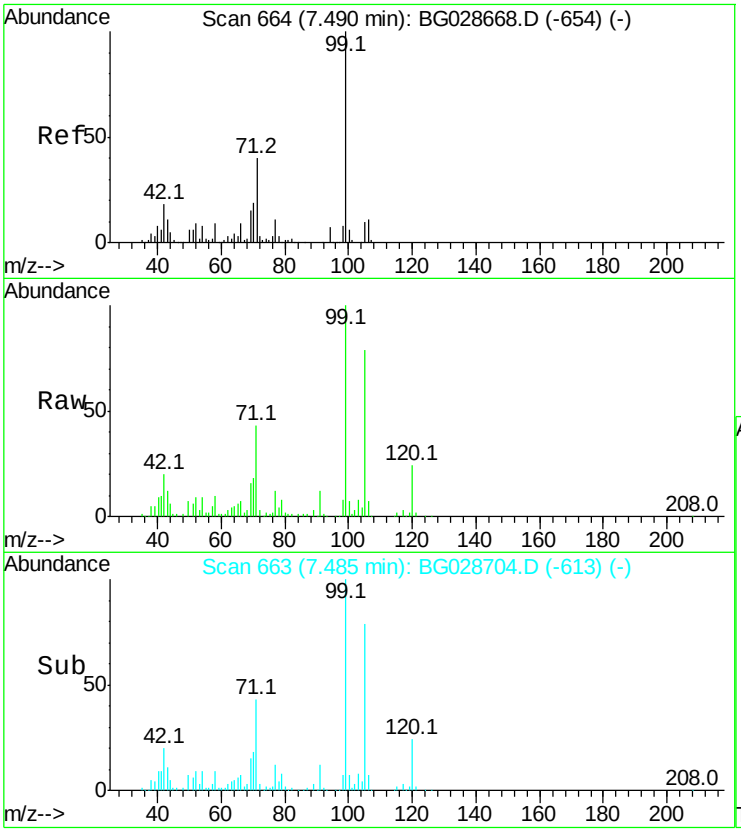


#5
2-Fluorophenol
Concen: 60.088 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:112 Resp: 102777

Ion	Ratio	Lower	Upper
112	100		
64	68.0	61.8	92.6
63	36.0	37.2	55.8#



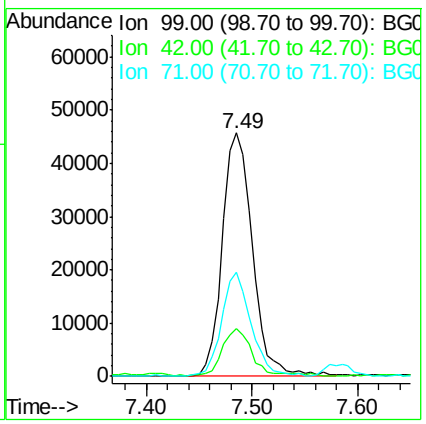


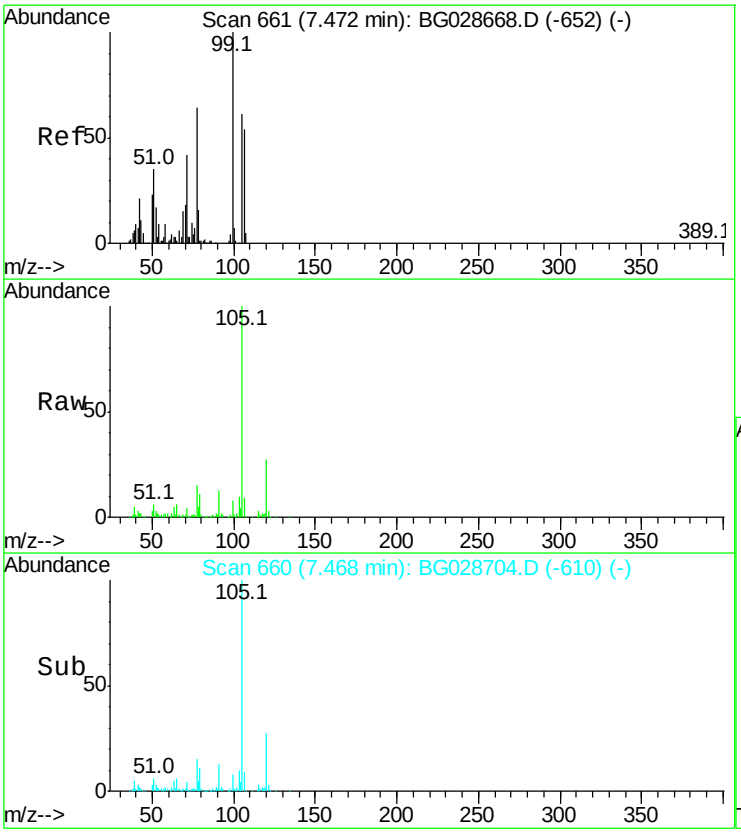
#7
Phenol-d6
Concen: 35.091 ng
RT: 7.49 min Scan# 663
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 90368

Ion	Ratio	Lower	Upper
99	100		
42	19.9	20.5	30.7#
71	42.8	37.6	56.4

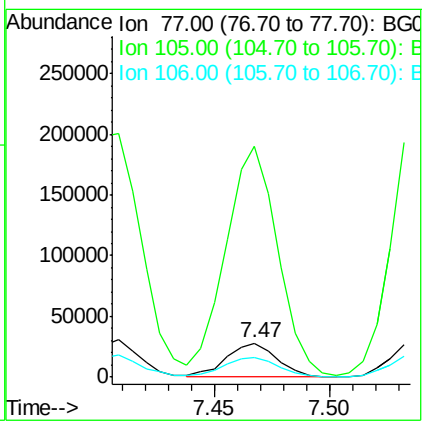


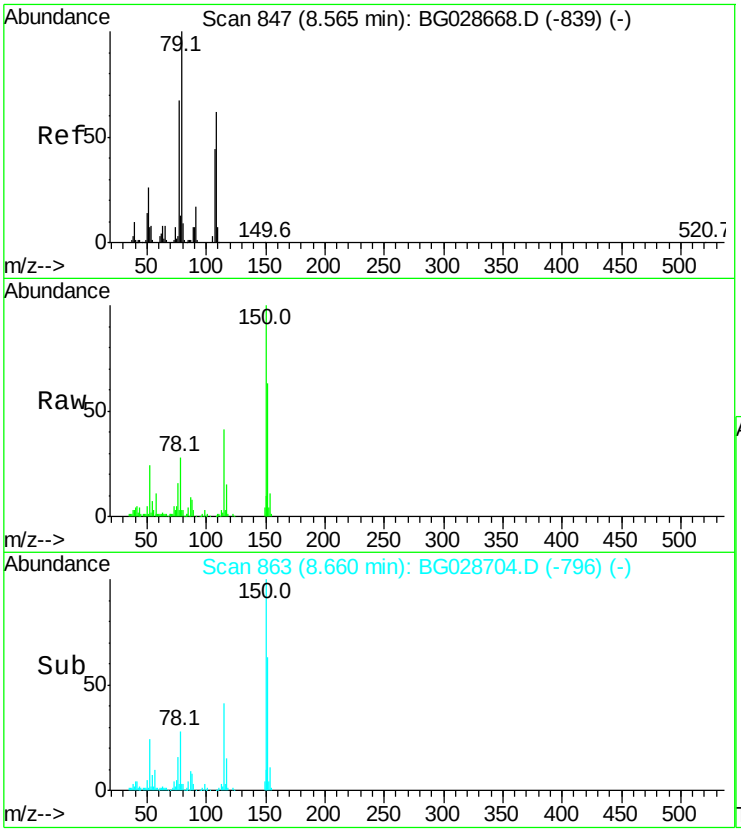


#9
Benzaldehyde
Concen: 27.003 ng
RT: 7.47 min Scan# 660
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion: 77 Resp: 43143

Ion	Ratio	Lower	Upper
77	100		
105	683.7	60.9	100.9#
106	59.9	55.1	95.1



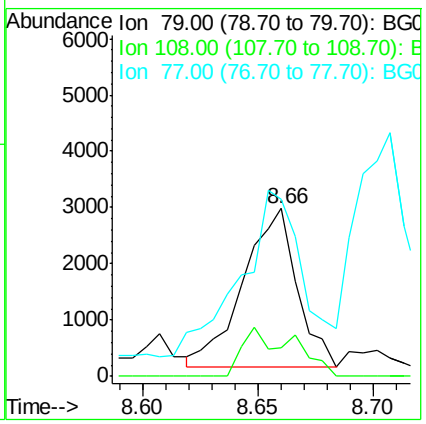


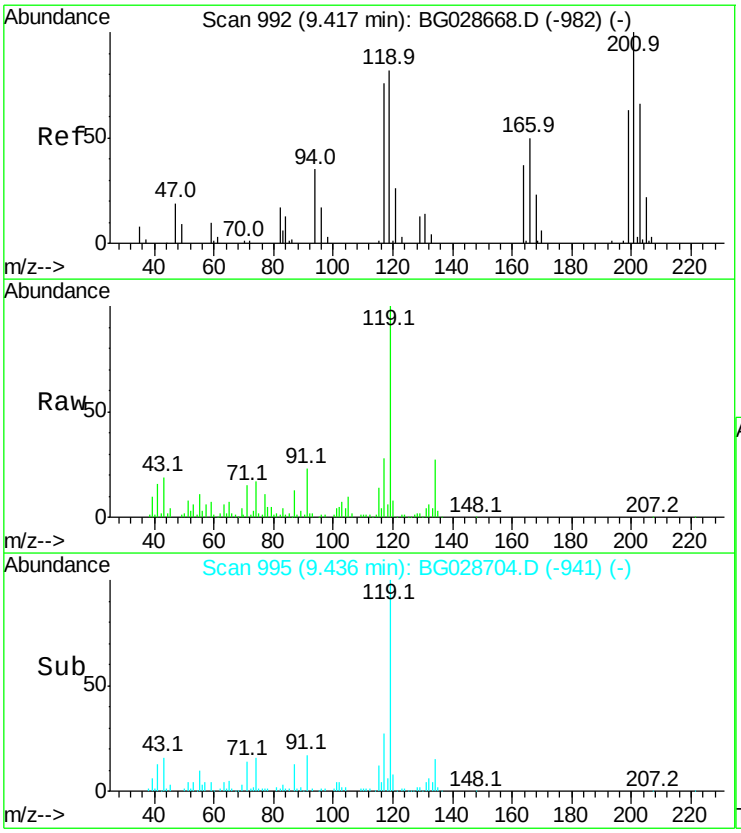
#15
Benzyl Alcohol
Concen: 2.257 ng
RT: 8.66 min Scan# 863
Delta R.T. 0.10 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 4537

Ion	Ratio	Lower	Upper
79	100		
108	17.3	45.5	68.3#
77	105.6	54.3	81.5#

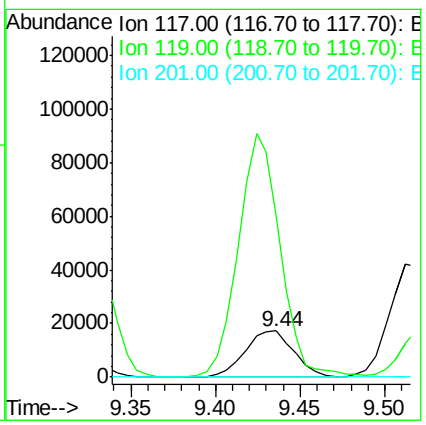


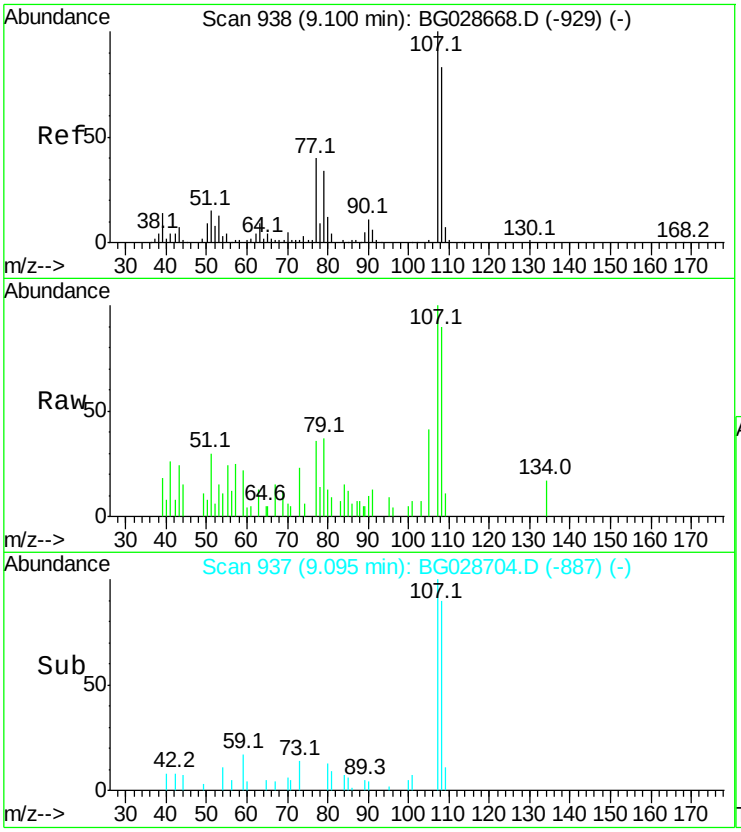


#18
Hexachloroethane
Concen: 44.835 ng
RT: 9.44 min Scan# 995
Delta R.T. 0.02 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:117 Resp: 34693

Ion	Ratio	Lower	Upper
117	100		
119	352.2	69.8	104.6#
201	0.0	95.4	143.0#



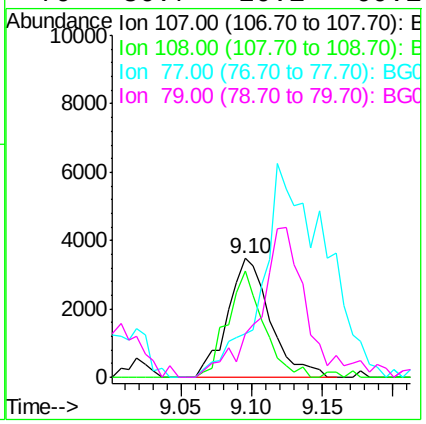


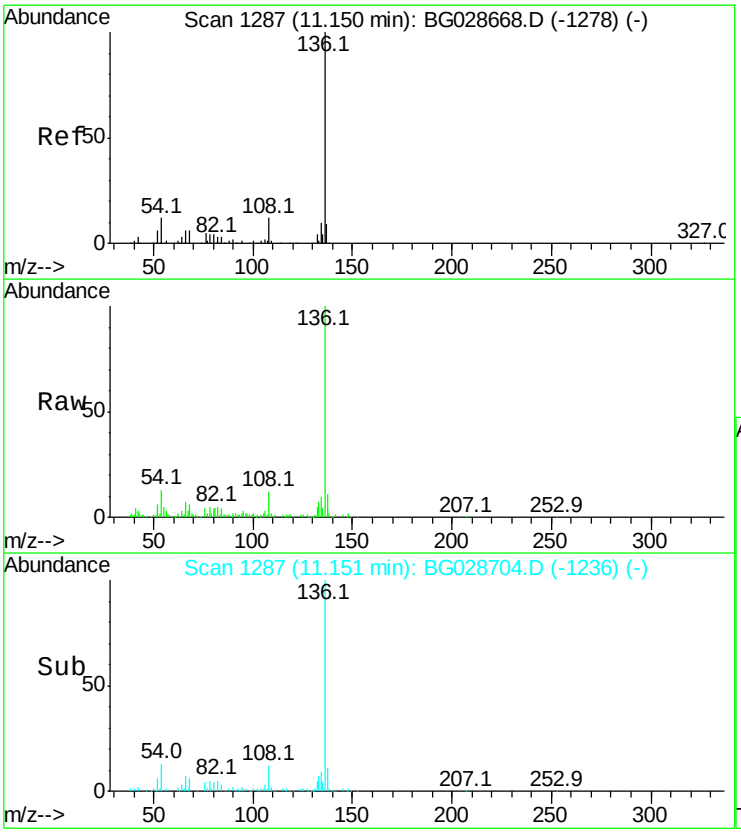
#20
3+4-Methylphenols
Concen: 2.929 ng
RT: 9.10 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 7275

Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.8	110.8
77	36.2	25.8	65.8
79	36.7	20.1	60.1

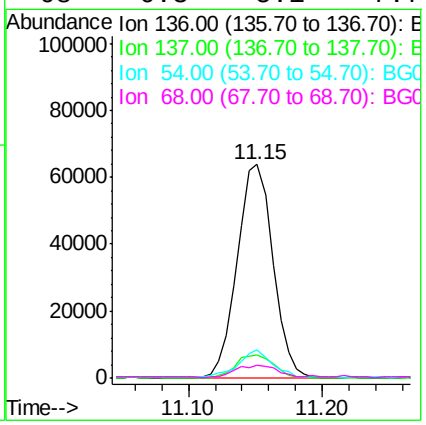


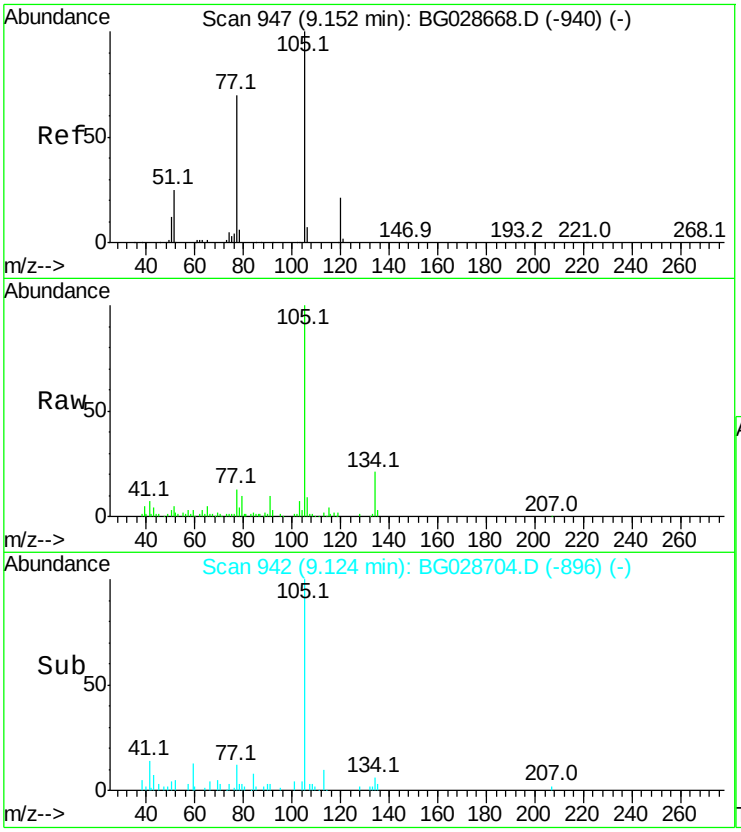


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:136 Resp: 118428

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	13.2	9.3	13.9
68	6.3	5.1	7.7



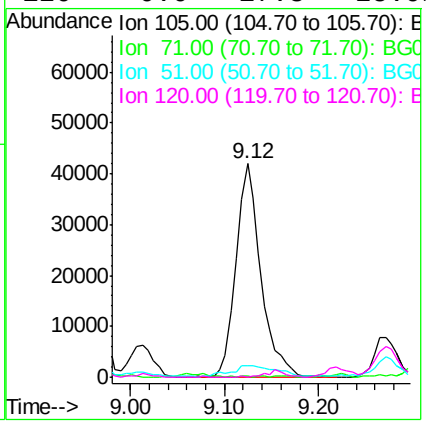


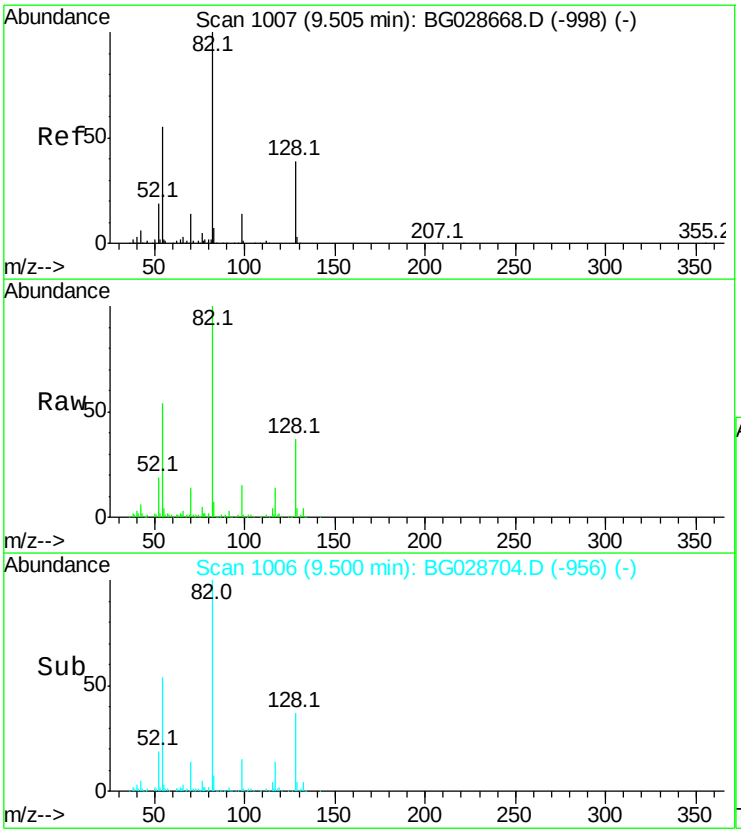
#22
Acetophenone
Concen: 22.239 ng
RT: 9.12 min Scan# 942
Delta R.T. -0.03 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 77007

Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.9	1.3#
51	5.3	34.0	51.0#
120	0.0	17.3	25.9#

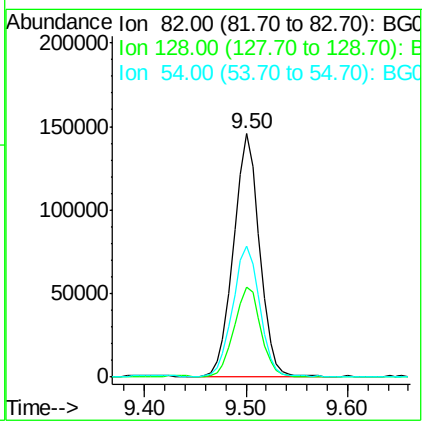


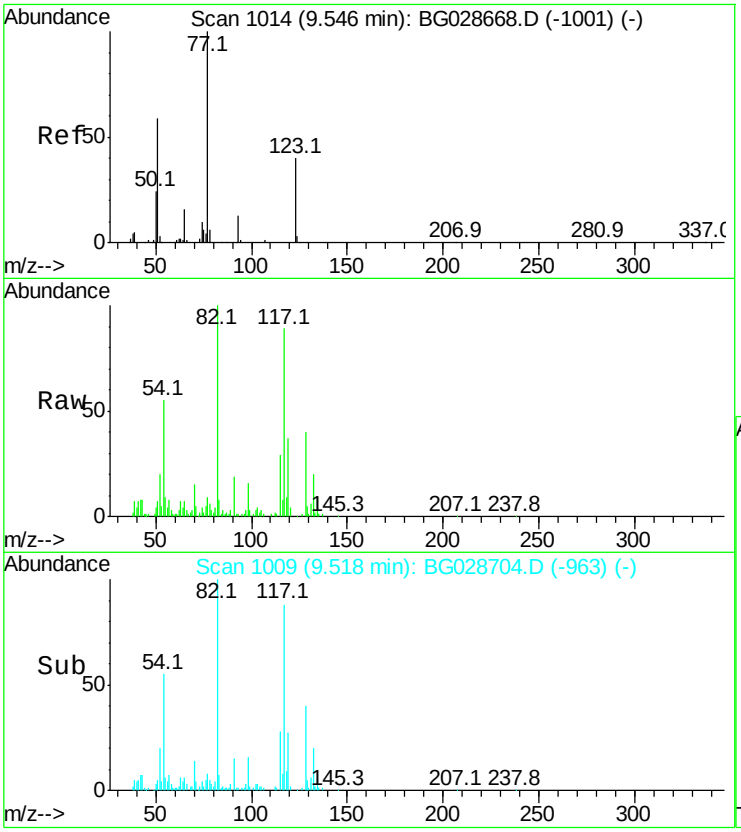


#23
Nitrobenzene-d5
Concen: 104.502 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion: 82 Resp: 258708

Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.4	39.6
54	54.0	49.4	74.2



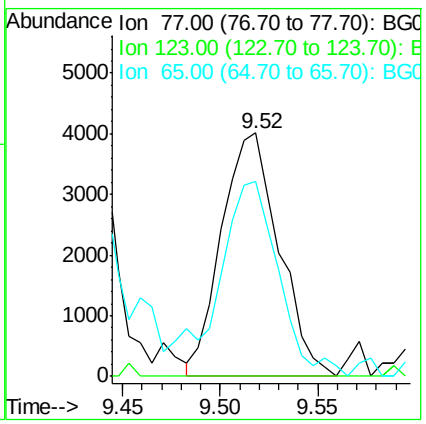


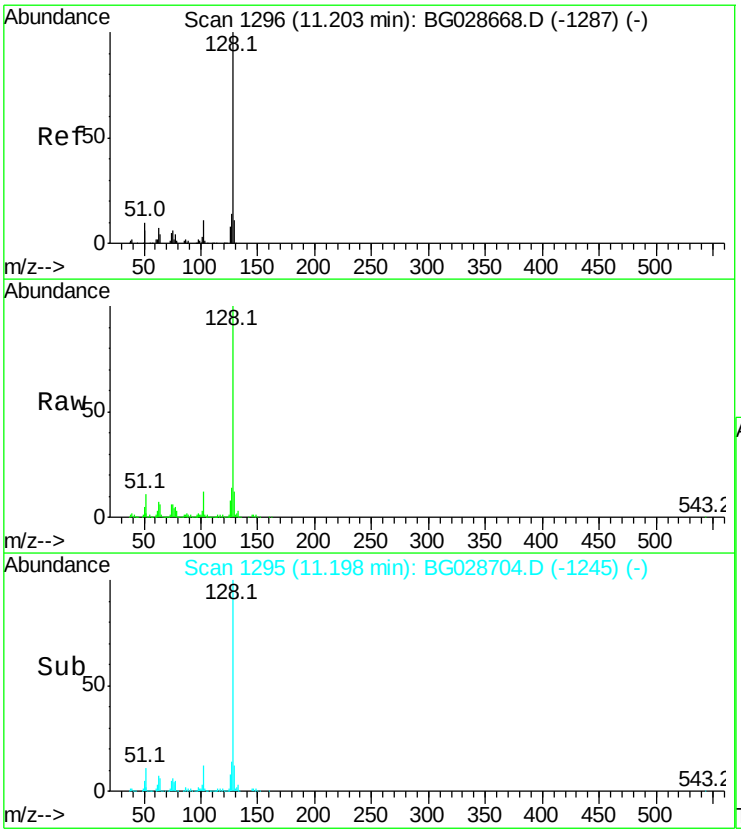
#24
Nitrobenzene
Concen: 2.982 ng
RT: 9.52 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 8175

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	80.0	12.4	18.6#

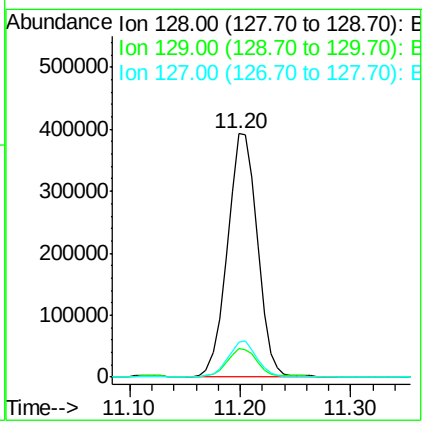


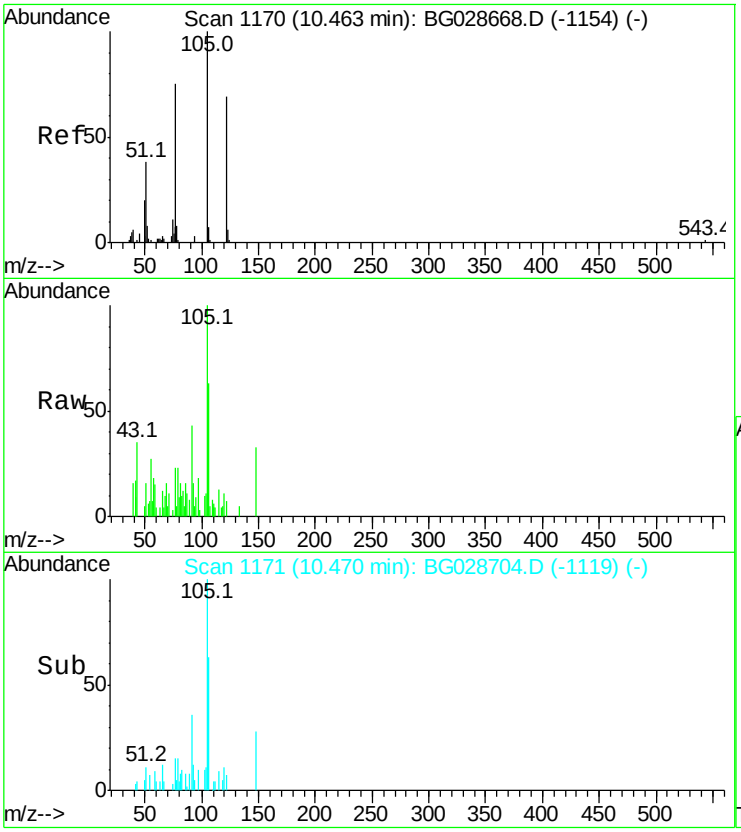


#31
Naphthalene
Concen: 121.201 ng
RT: 11.20 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:128 Resp: 749666

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	14.1	11.4	17.0



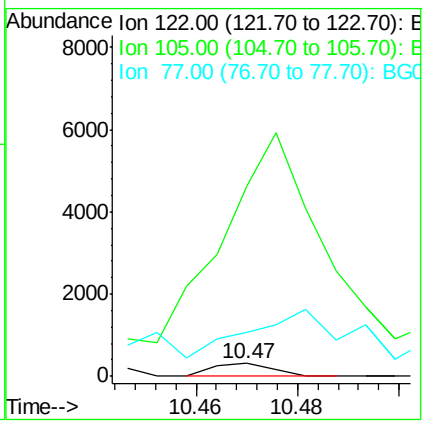


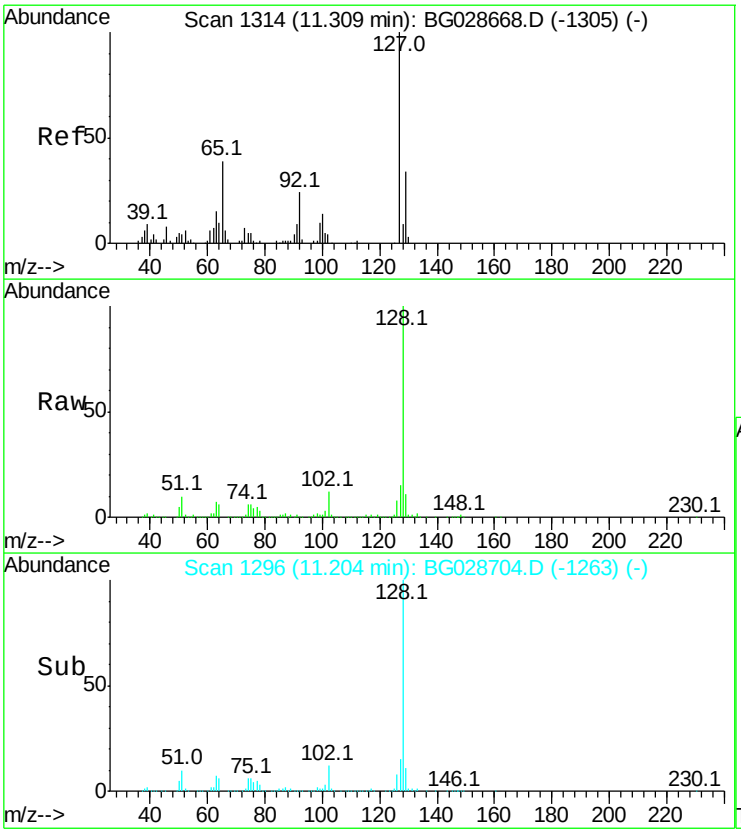
#32
Benzoic acid
Concen: 6.236 ng
RT: 10.47 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 260

Ion	Ratio	Lower	Upper
122	100		
105	1494.5	120.1	160.1#
77	342.9	104.6	144.6#

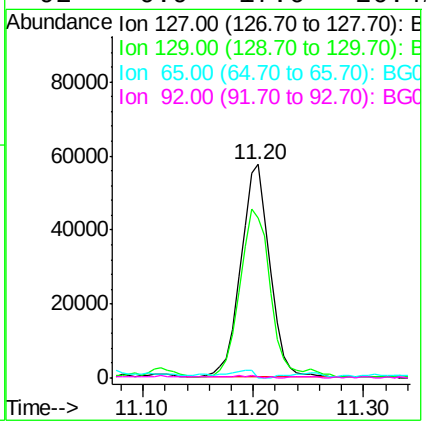


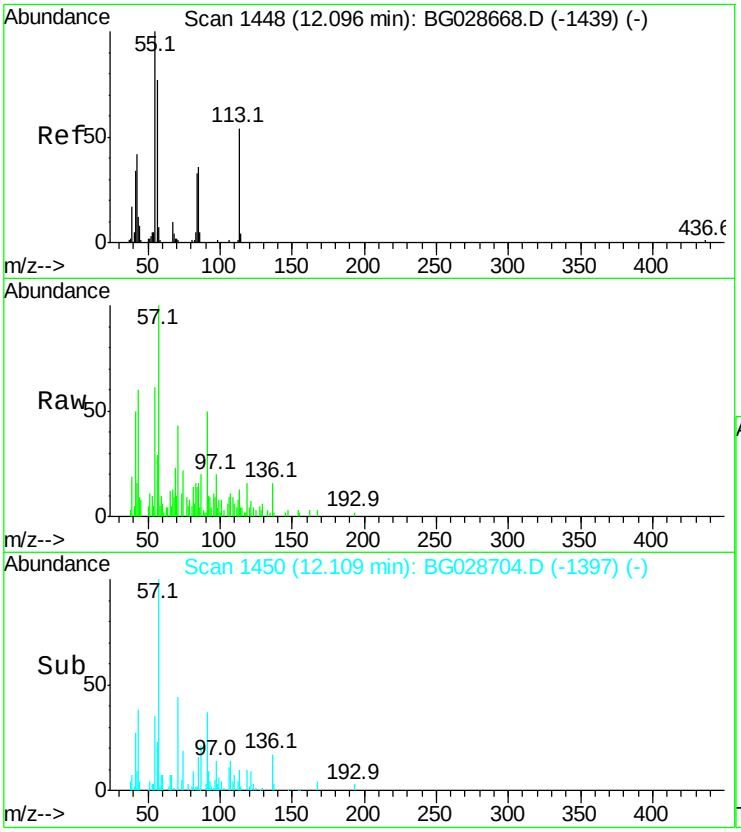


#33
4-Chloroaniline
Concen: 40.800 ng
RT: 11.20 min Scan# 1296
Delta R.T. -0.10 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:127 Resp: 105719

Ion	Ratio	Lower	Upper
127	100		
129	75.1	23.6	35.4#
65	0.0	37.7	56.5#
92	0.9	17.6	26.4#



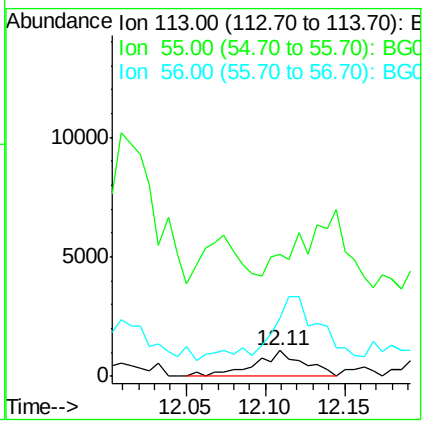


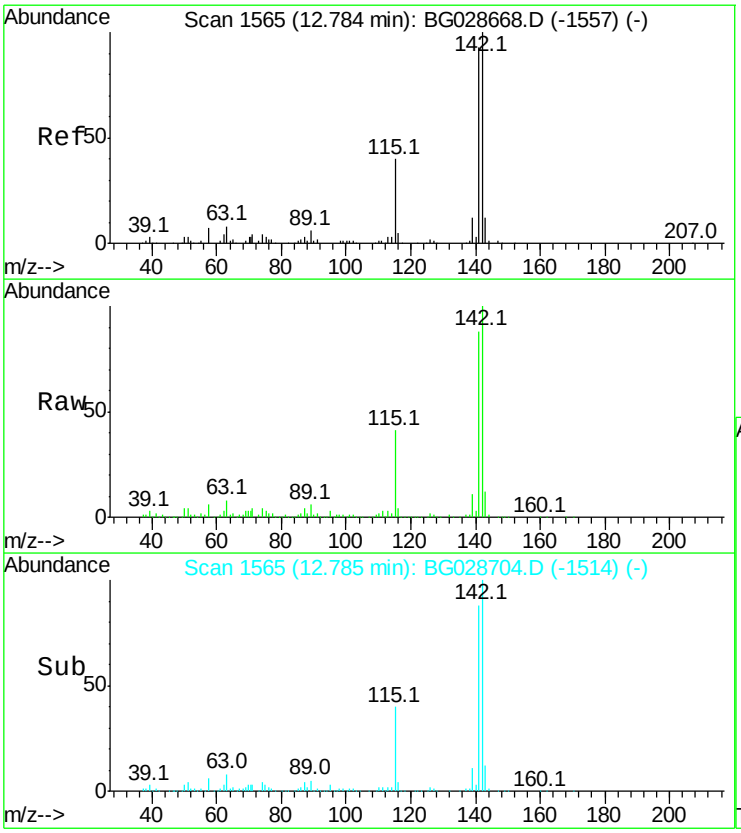
#35
Caprolactam
Concen: 3.025 ng
RT: 12.11 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 2302

Ion	Ratio	Lower	Upper
113	100		
55	472.4	198.6	238.6#
56	223.5	140.4	180.4#

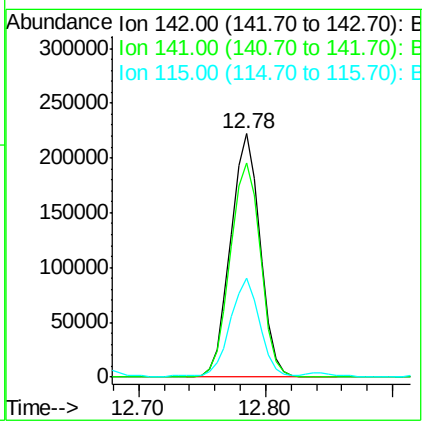


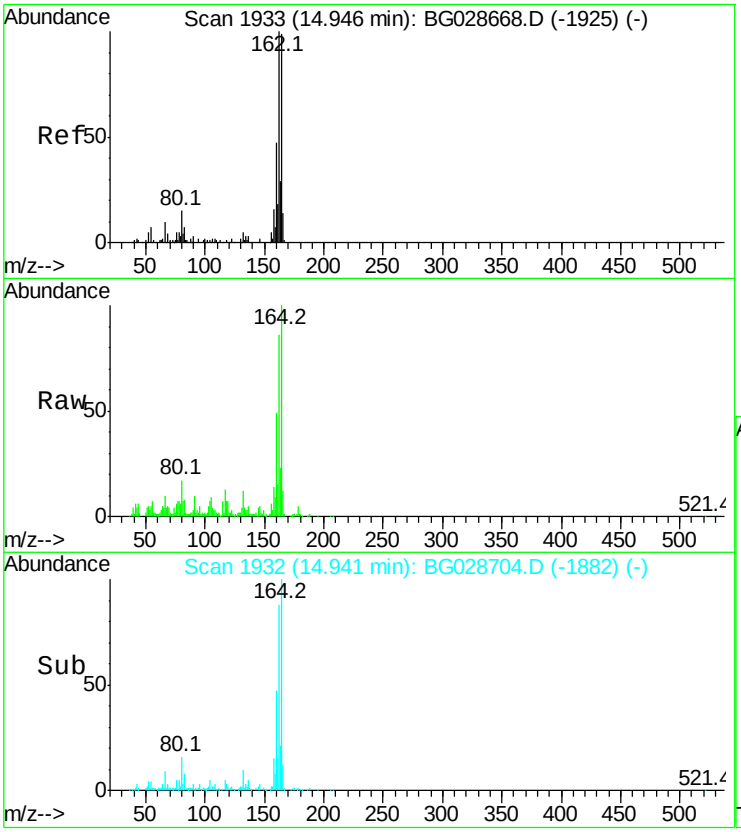


#37
2-Methylnaphthalene
Concen: 77.287 ng
RT: 12.78 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:142 Resp: 356909

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	40.7	35.5	53.3



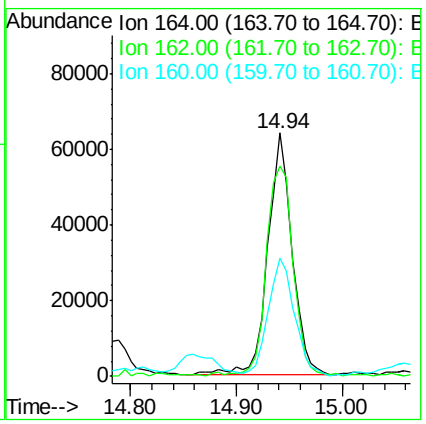


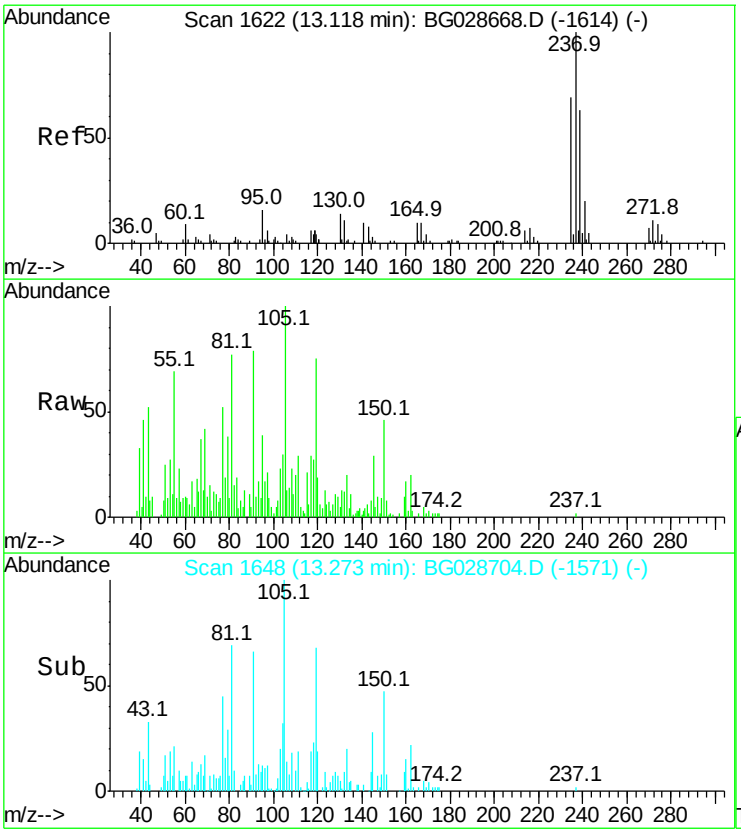
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 101745

Ion	Ratio	Lower	Upper
164	100		
162	86.3	85.1	127.7
160	48.6	34.7	52.1

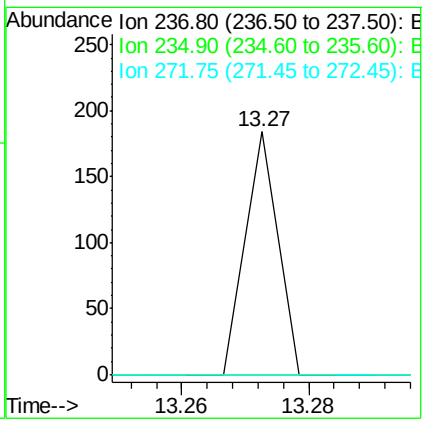


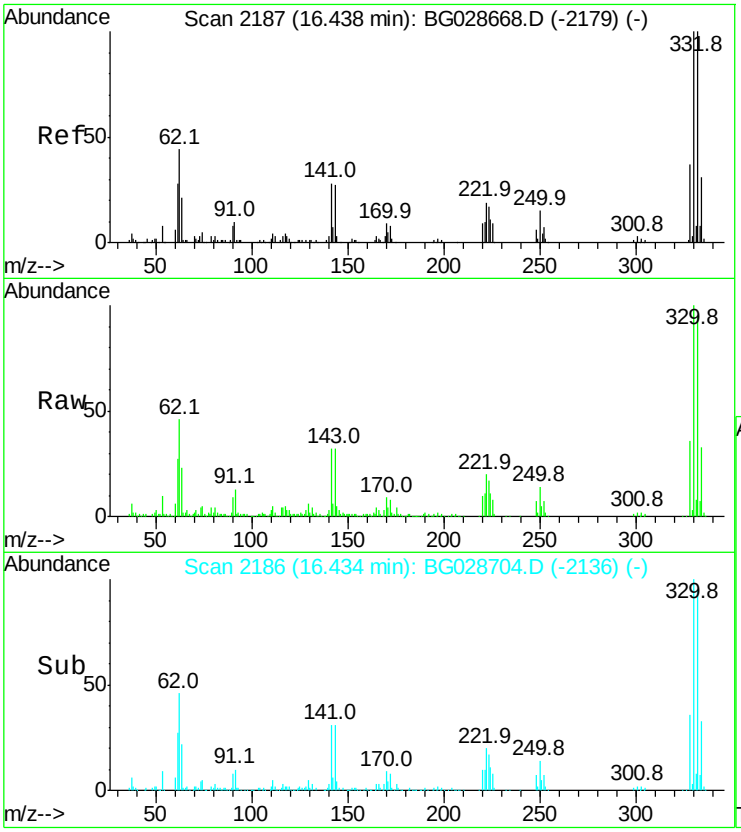


#40
Hexachlorocyclopentadiene
Concen: 7.639 ng
RT: 13.27 min Scan# 1648
Delta R.T. 0.15 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:237 Resp: 65

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



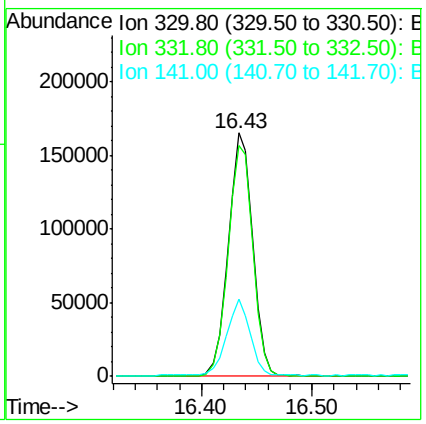


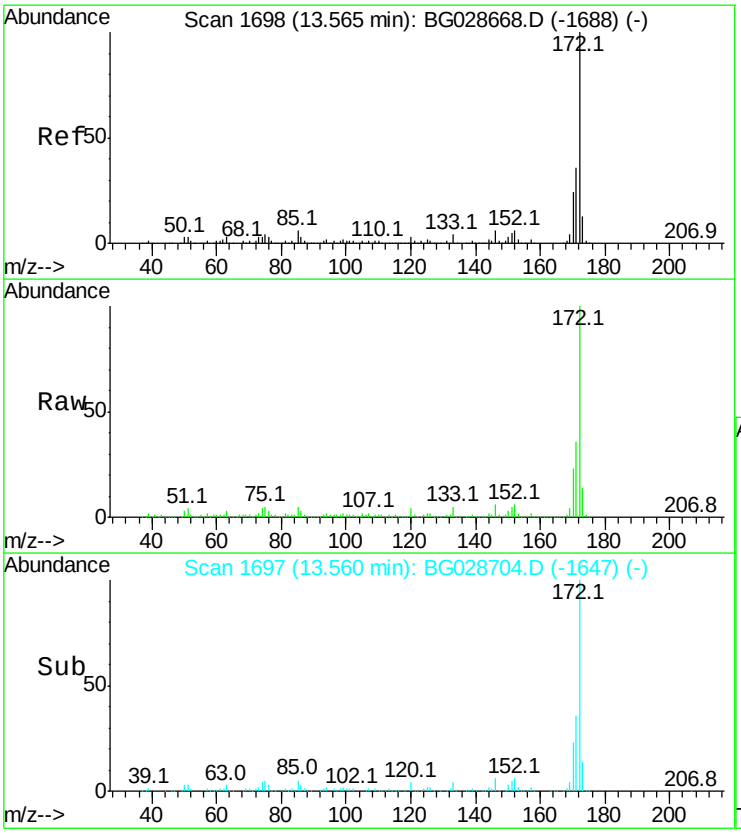
#41
2,4,6-Tribromophenol
Concen: 151.984 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 255758

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	30.2	32.1	48.1#

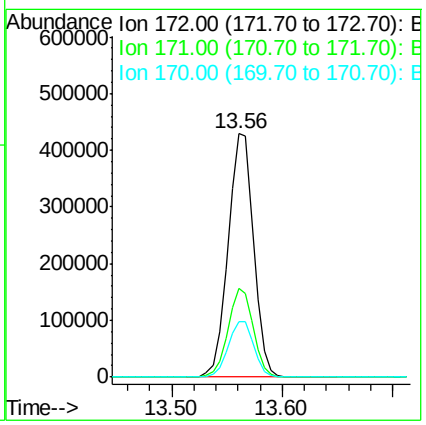


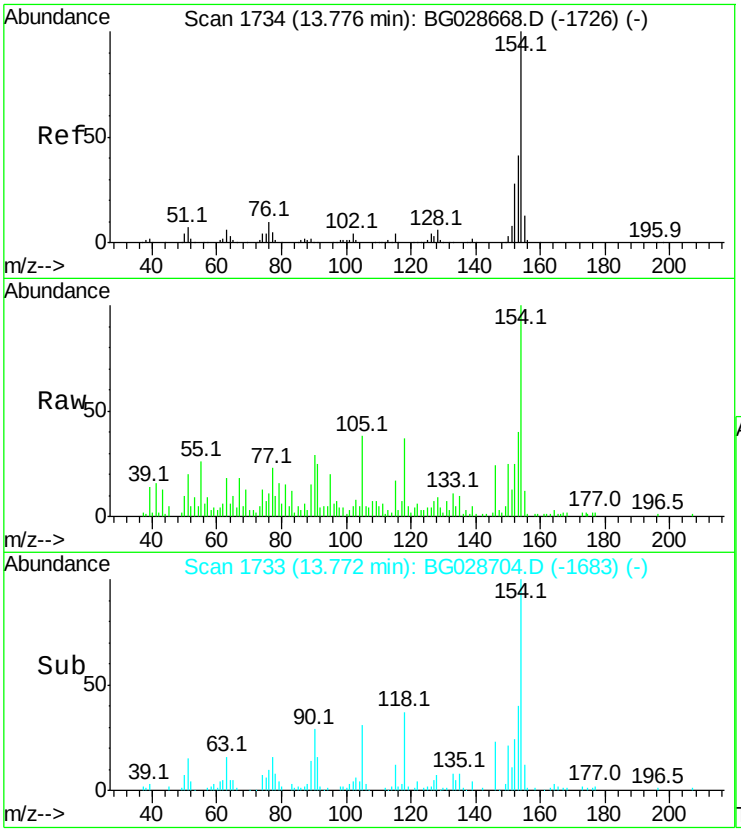


#44
2-Fluorobiphenyl
Concen: 91.099 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:172 Resp: 695118

Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	22.6	21.8	32.6



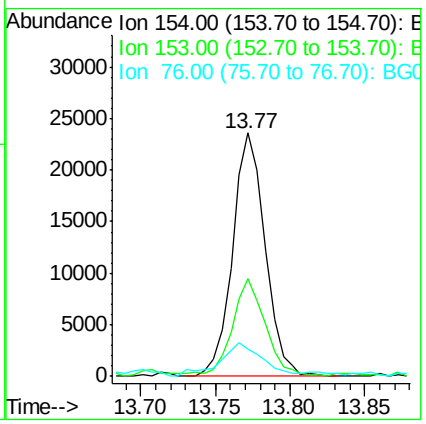


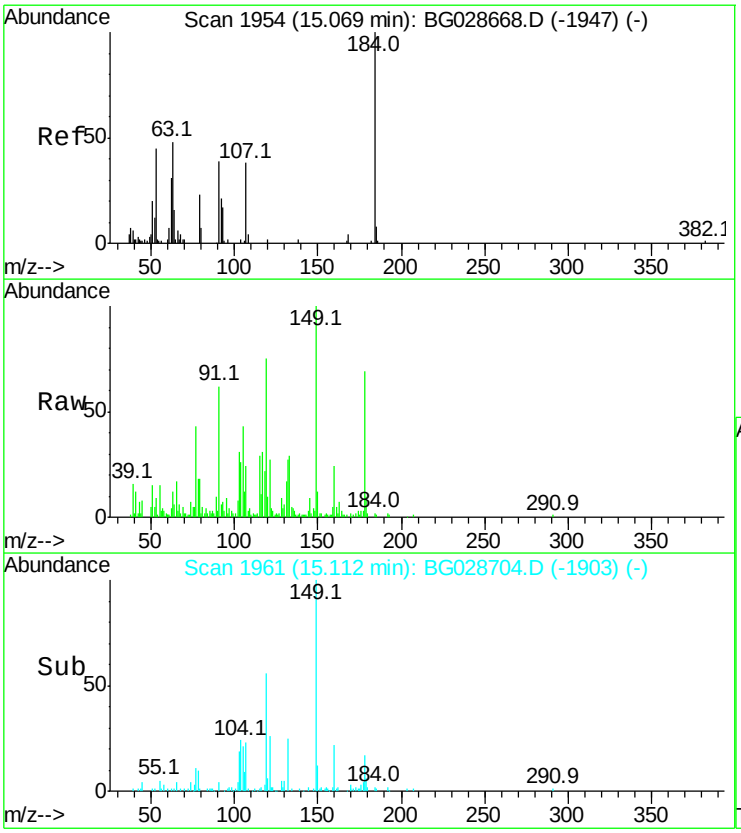
#45
1,1'-Biphenyl
Concen: 4.242 ng
RT: 13.77 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 35738

Ion	Ratio	Lower	Upper
154	100		
153	40.4	23.0	63.0
76	11.3	0.0	33.5

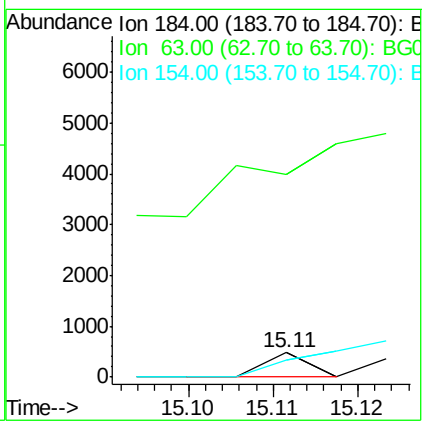


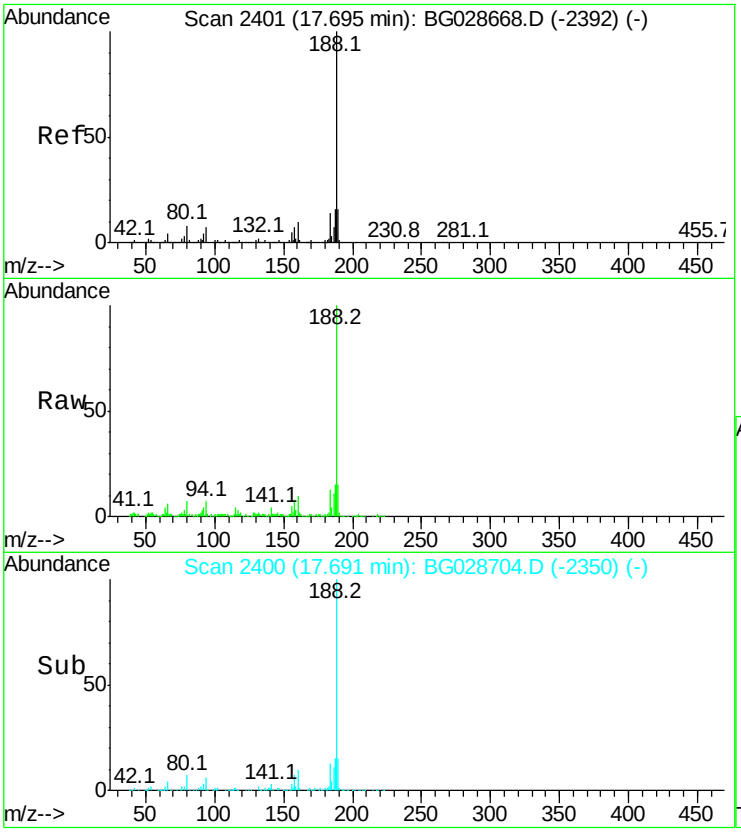


#53
2,4-Dinitrophenol
Concen: 8.153 ng
RT: 15.11 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:184 Resp: 169

Ion	Ratio	Lower	Upper
184	100		
63	832.8	52.7	79.1#
154	70.8	57.3	85.9



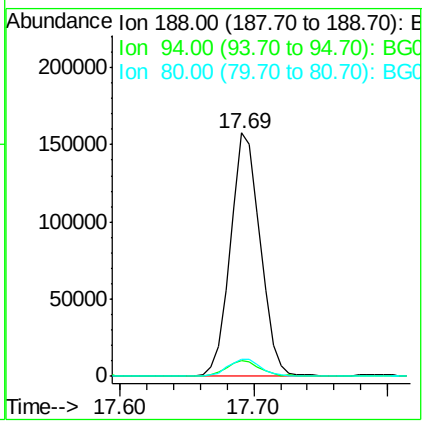


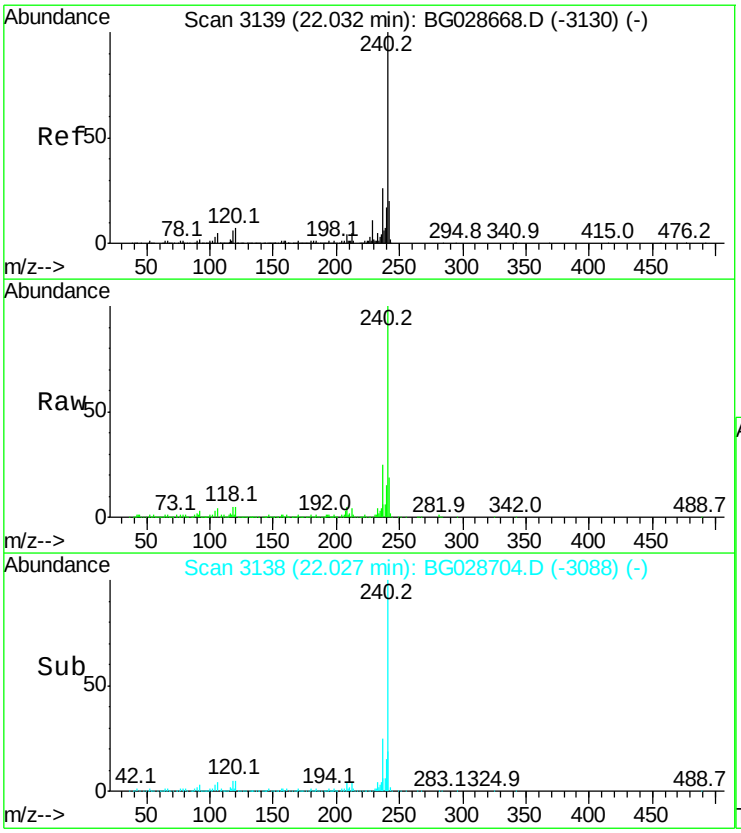
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 243995

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	6.9	7.5	11.3#

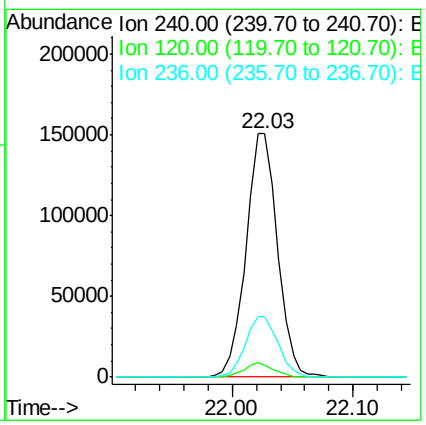


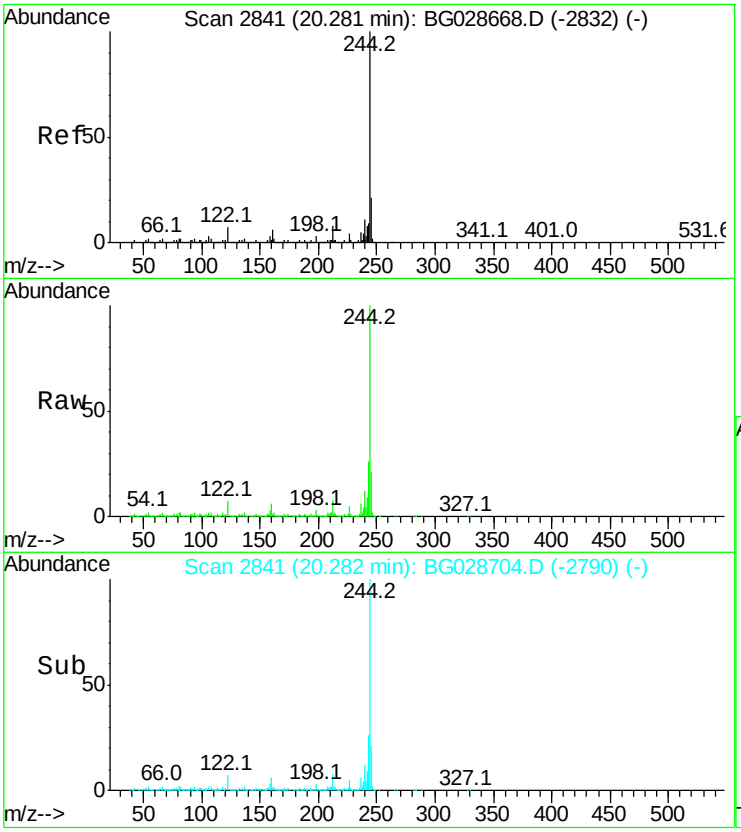


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:240 Resp: 273704

Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.7	8.5#
236	25.1	22.2	33.4



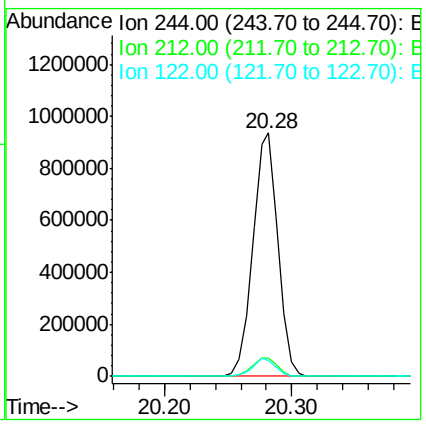


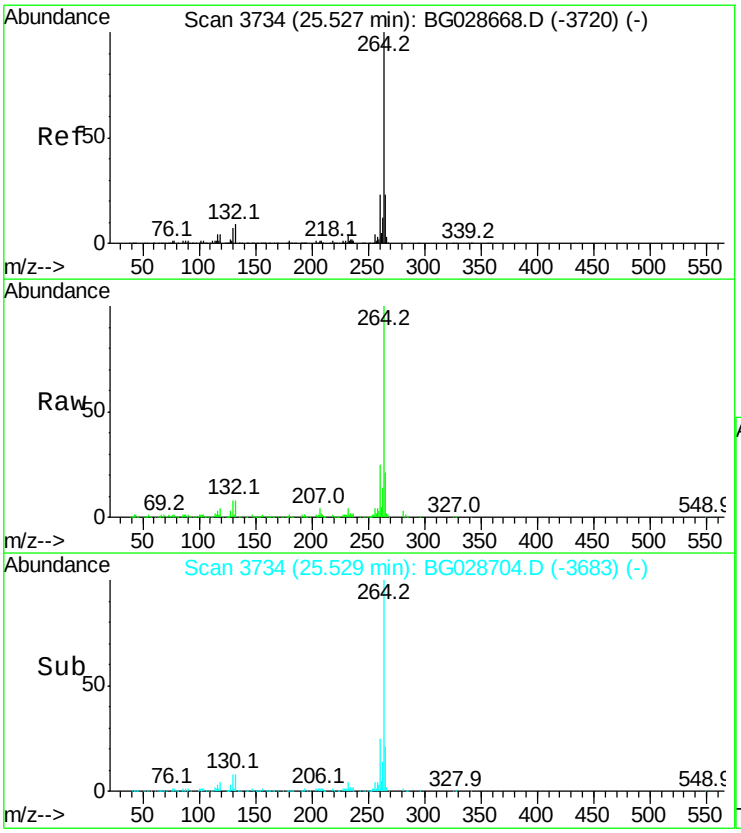
#78
Terphenyl-d14
Concen: 99.925 ng
RT: 20.28 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1282492

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:264 Resp: 283550

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.8	32.8
265	21.1	18.2	27.4