Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
Data File : BG028885.D
Acq On : 22 Sep 2017 21:59
Operator : SJ/JU
Sample : I5301-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 22 23:39:33 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	24883	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	97518	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	75208	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	237104	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	277871	20.00	ng	-0.07
86) Perylene-d12	25.41	264	291665	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	106890	70.88	ng	-0.05
7) Phenol-d6	7.43	99	105884	46.63	ng	-0.06
23) Nitrobenzene-d5	9.45	82	198028	97.14	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	222481	178.86	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	516331	91.54	ng	-0.05
78) Terphenyl-d14	20.23	244	1202739	92.31	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	8.59	79	3811	2.15	ng	# 74
50) 2,6-Dinitrotoluene	14.40	165	4299	3.06	ng	# 15
53) 2,4-Dinitrophenol	14.78	184	65	8.08	ng	# 15
83) Bis(2-ethylhexyl)phthalate	21.80	149	86515	9.40	ng	97

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

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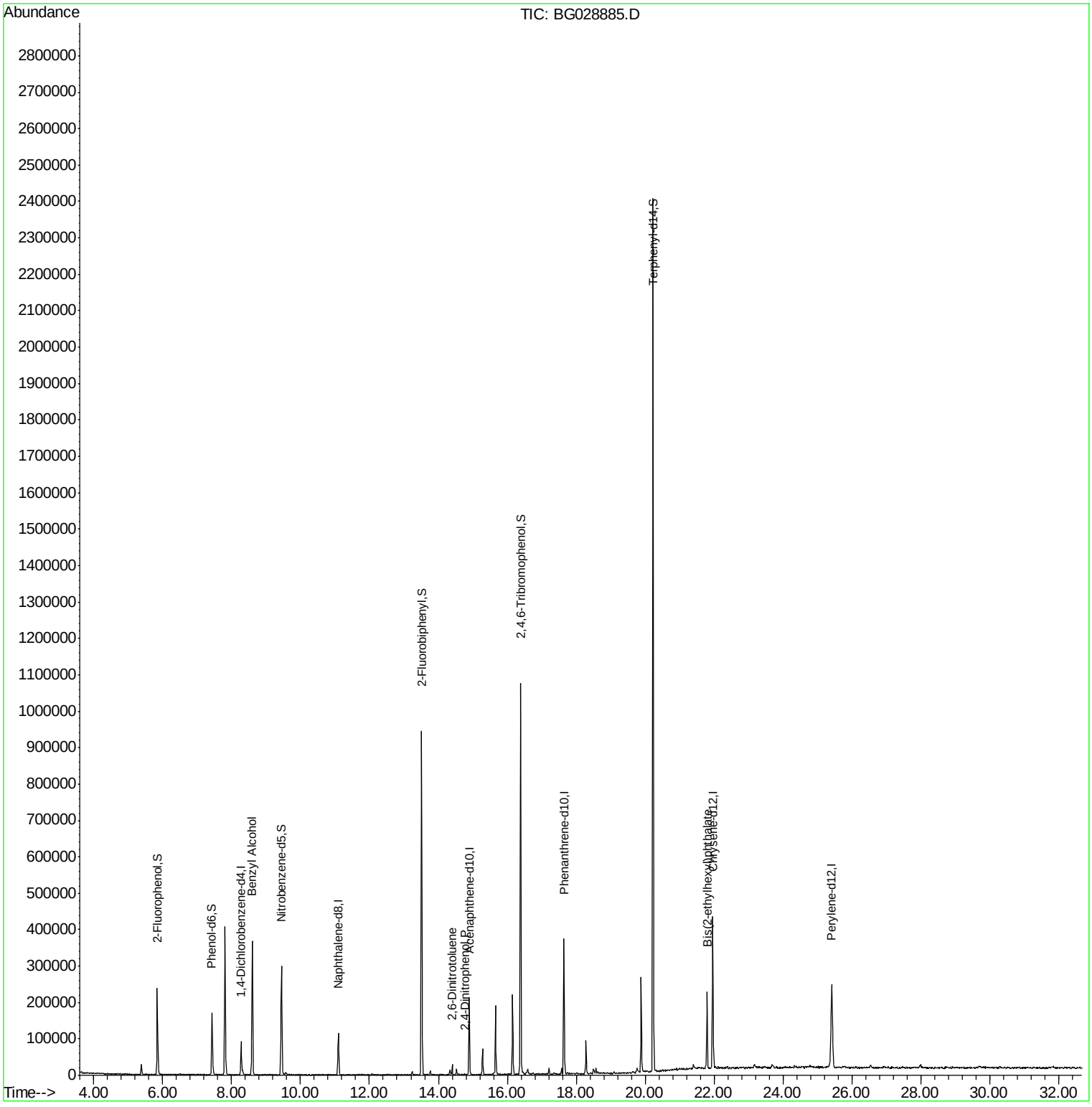
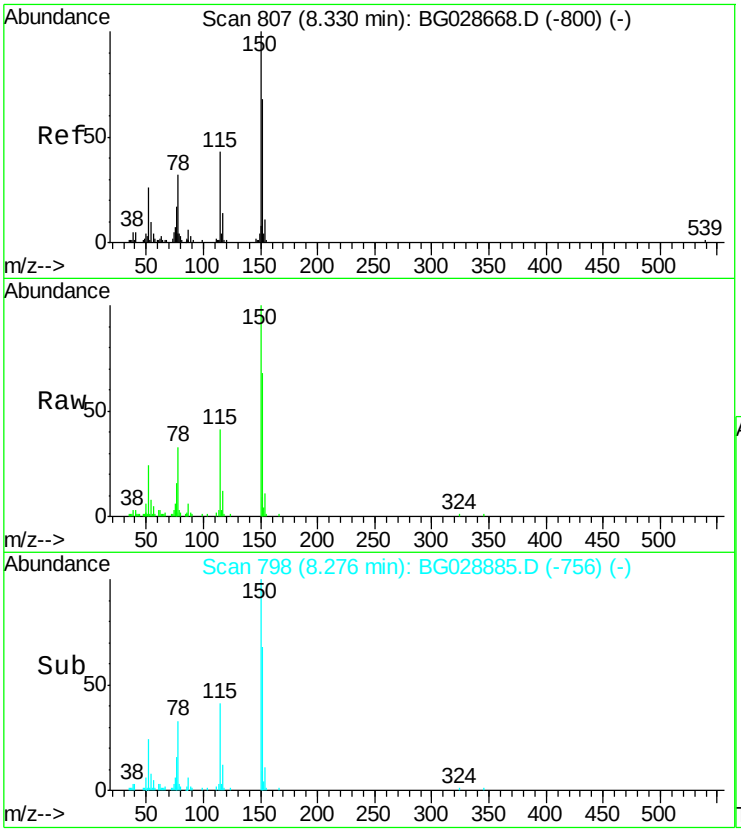


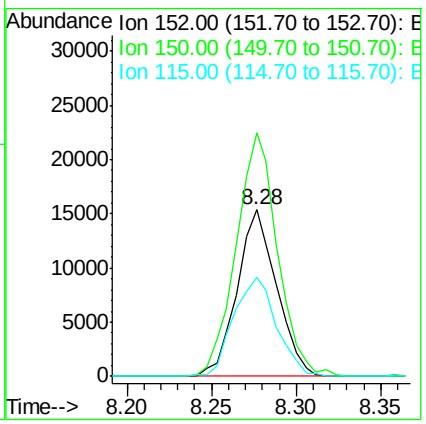


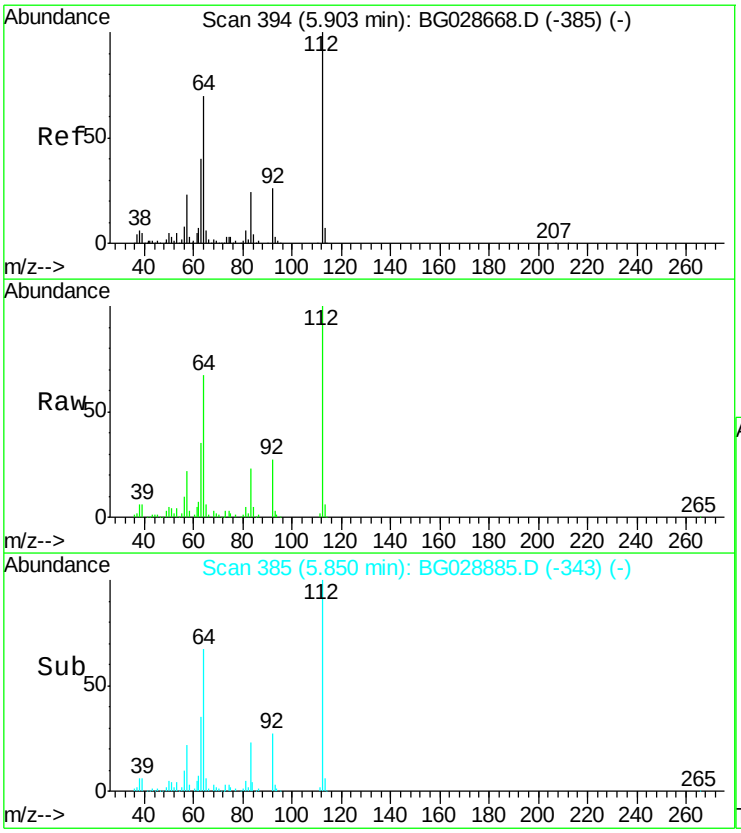
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 24883

Ion	Ratio	Lower	Upper
152	100		
150	146.1	114.0	171.0
115	59.2	48.1	72.1

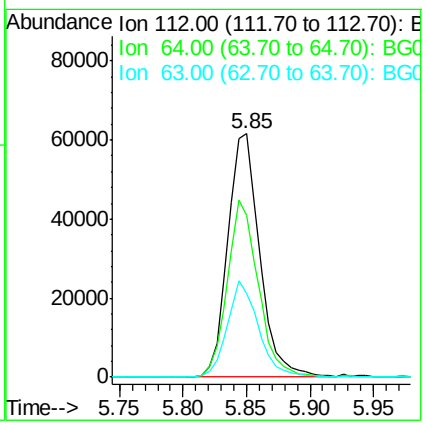


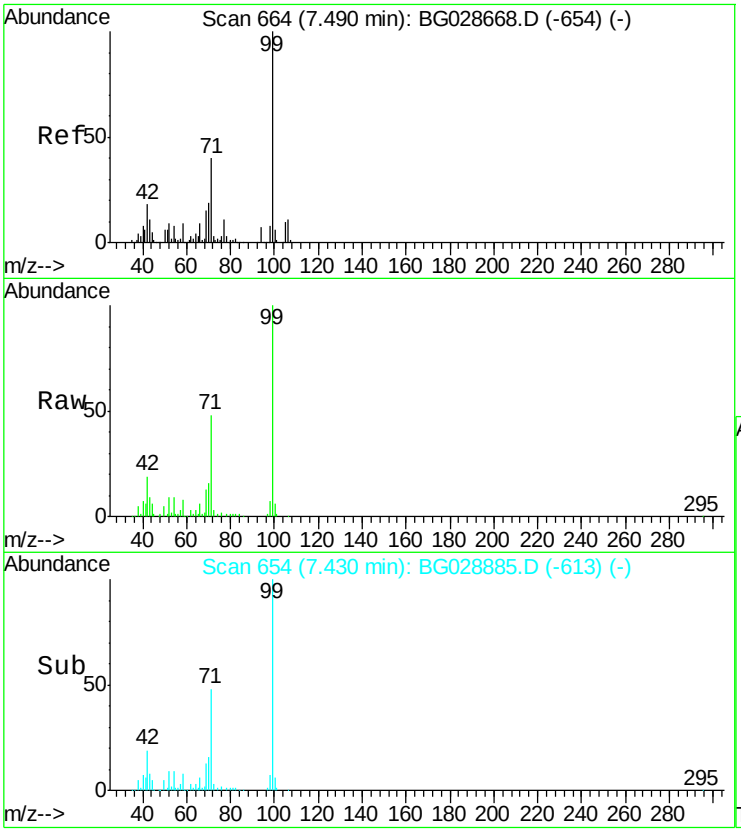


#5
2-Fluorophenol
Concen: 70.88 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion:112 Resp: 106890

Ion	Ratio	Lower	Upper
112	100		
64	66.6	61.8	92.6
63	34.5	37.2	55.8#



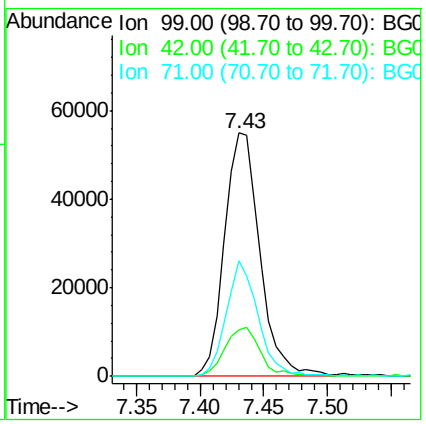


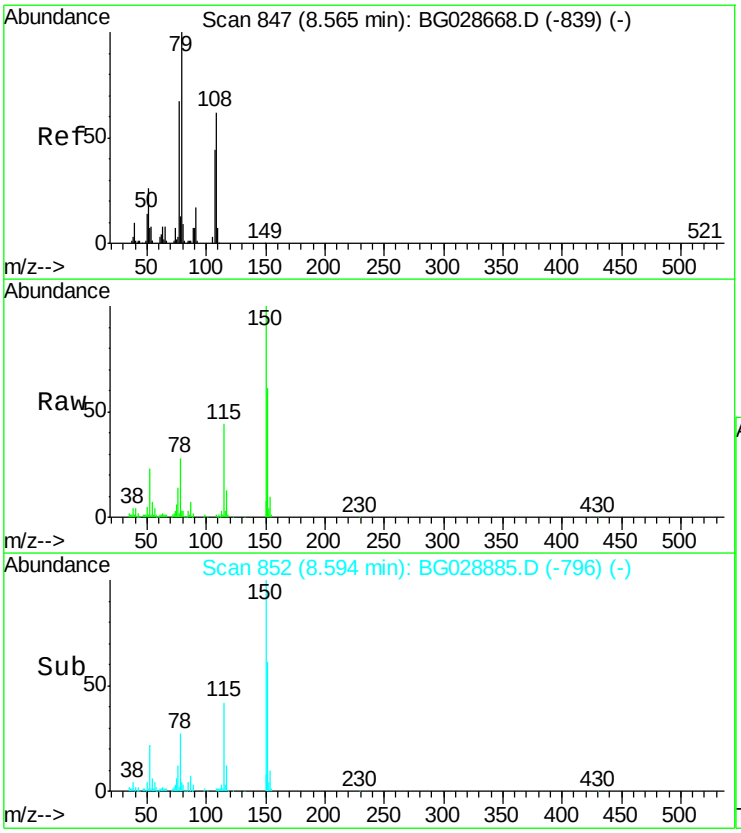
#7
Phenol-d6
Concen: 46.63 ng
RT: 7.43 min Scan# 654
Delta R.T. -0.06 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 105884

Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.5	30.7#
71	47.6	37.6	56.4

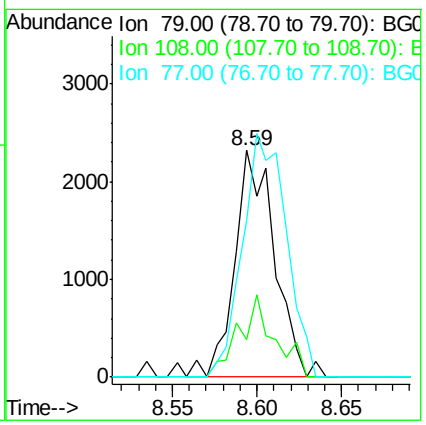


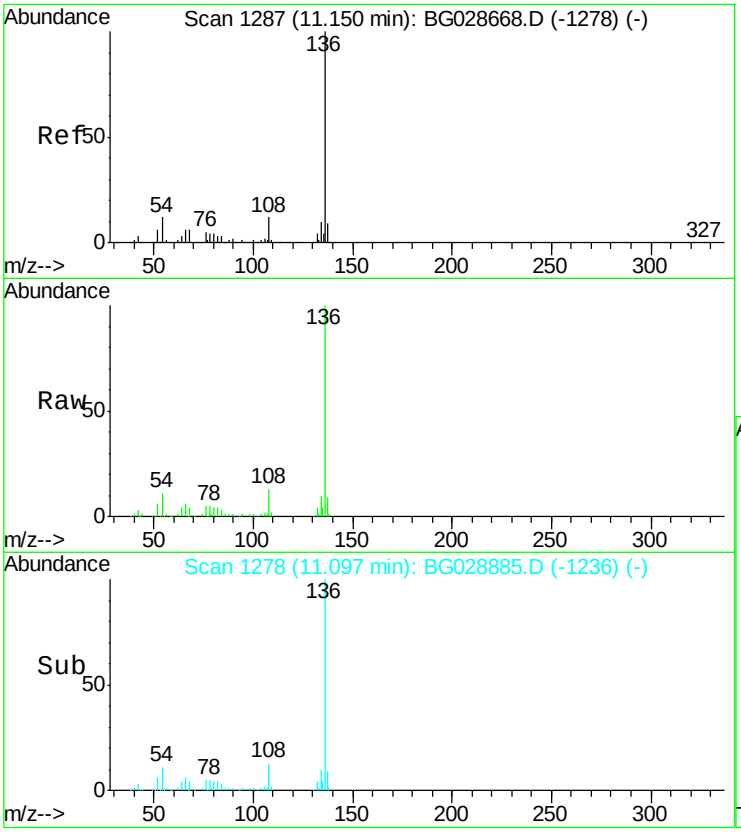


#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 8.59 min Scan# 852
Delta R.T. 0.03 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion: 79 Resp: 3811

Ion	Ratio	Lower	Upper
79	100		
108	16.8	45.5	68.3#
77	69.1	54.3	81.5



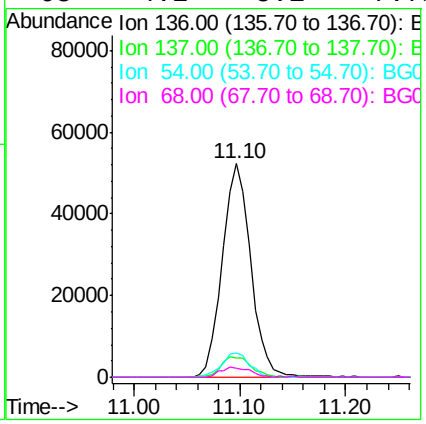


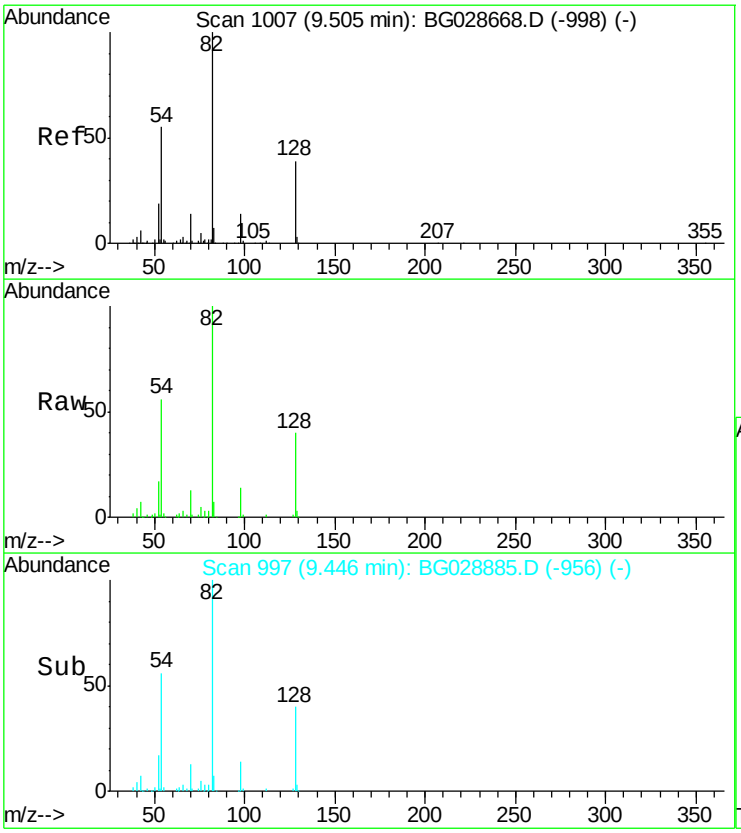
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 97518

Ion	Ratio	Lower	Upper
136	100		
137	8.7	8.9	13.3#
54	11.3	9.3	13.9
68	4.2	5.1	7.7#

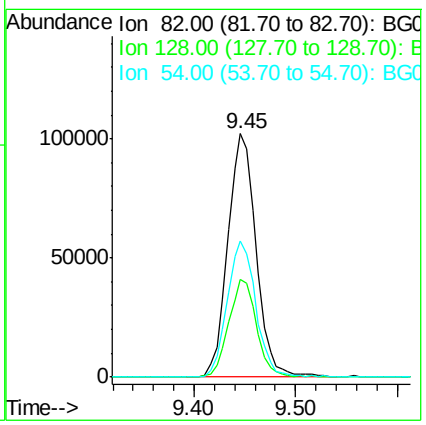


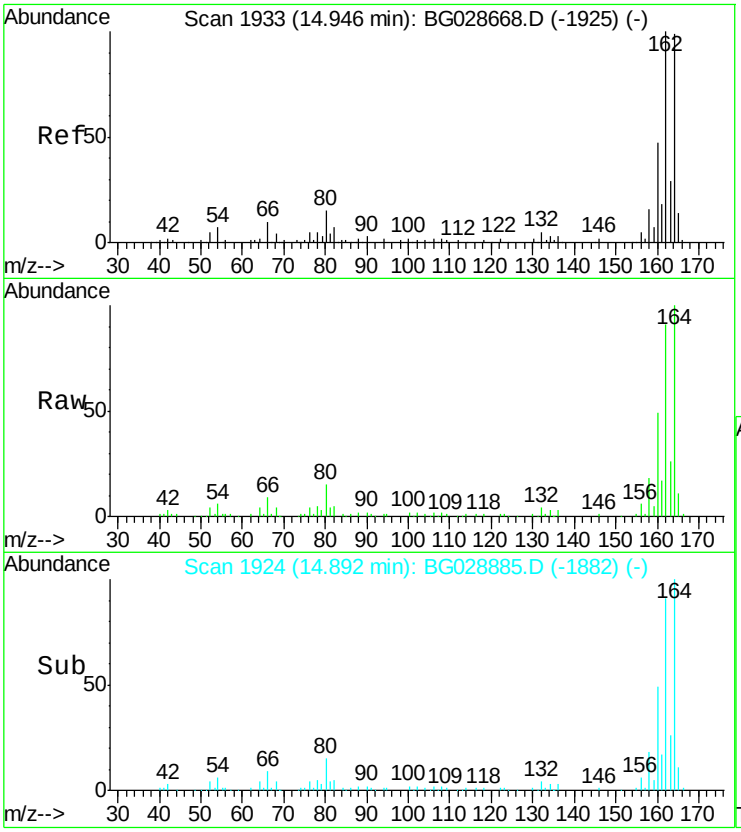


#23
Nitrobenzene-d5
Concen: 97.14 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion: 82 Resp: 198028

Ion	Ratio	Lower	Upper
82	100		
128	40.0	26.4	39.6#
54	56.1	49.4	74.2



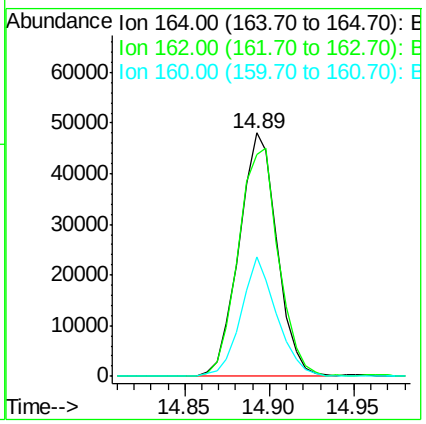


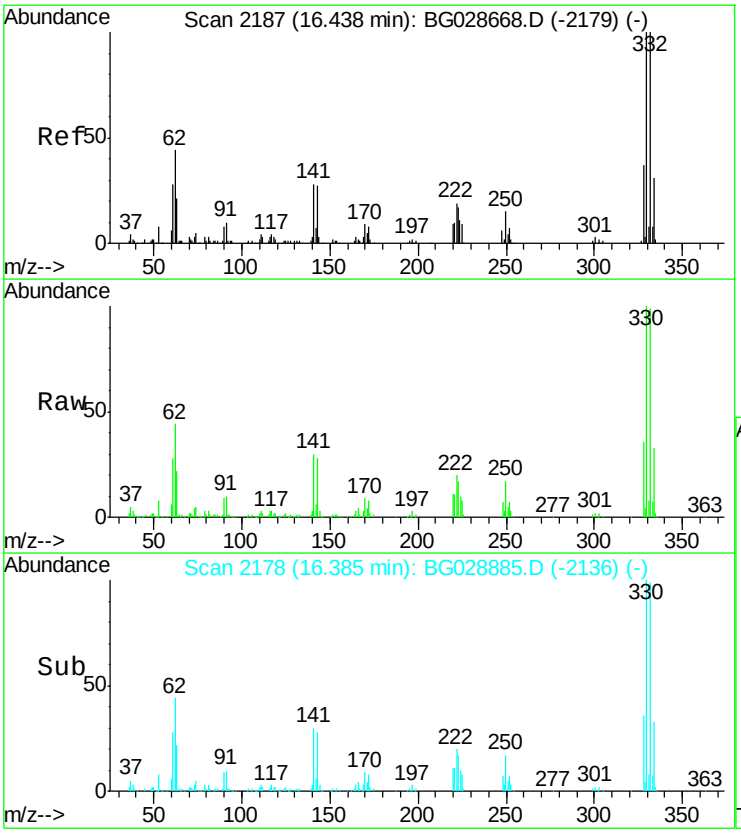
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 75208

Ion	Ratio	Lower	Upper
164	100		
162	91.0	85.1	127.7
160	49.3	34.7	52.1

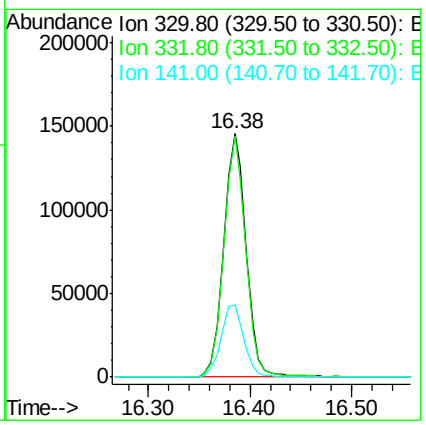


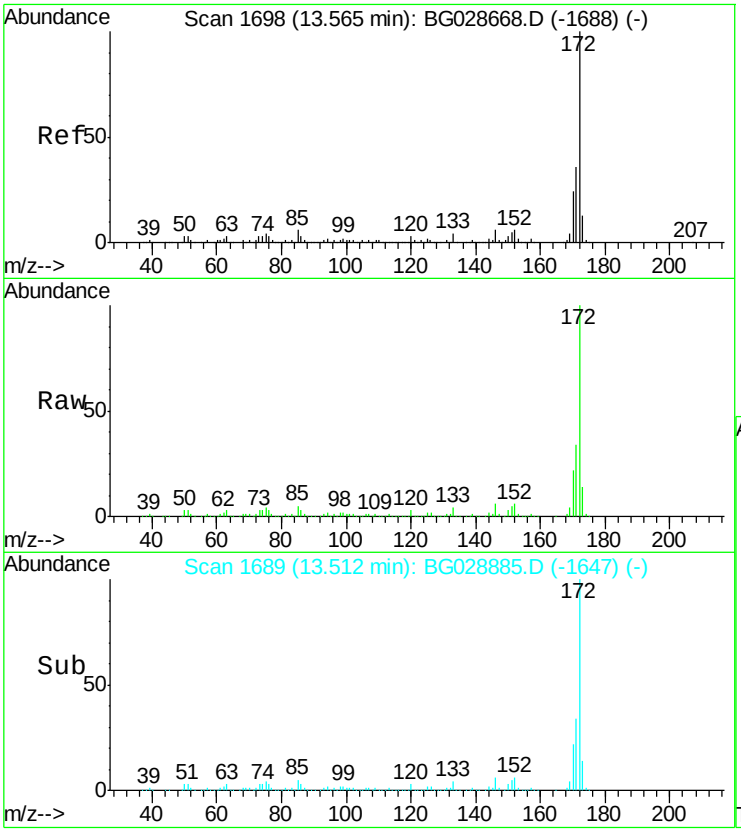


#41
2,4,6-Tribromophenol
Concen: 178.86 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion:330 Resp: 222481

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	30.4	32.1	48.1#



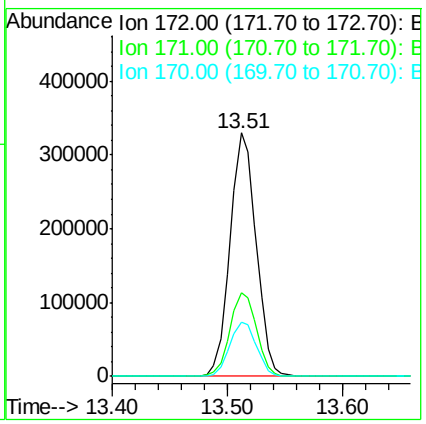


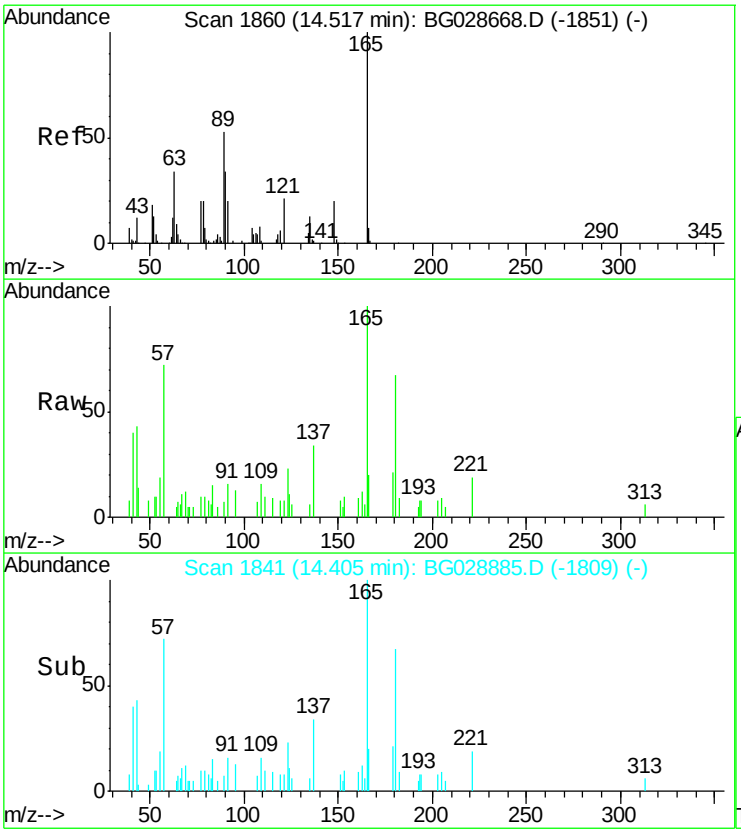
#44
2-Fluorobiphenyl
Concen: 91.54 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 516331

Ion	Ratio	Lower	Upper
172	100		
171	34.1	32.2	48.2
170	22.2	21.8	32.6

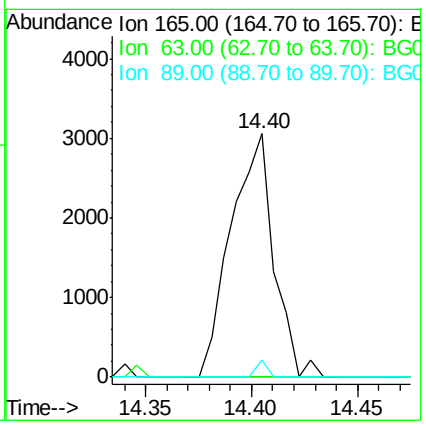


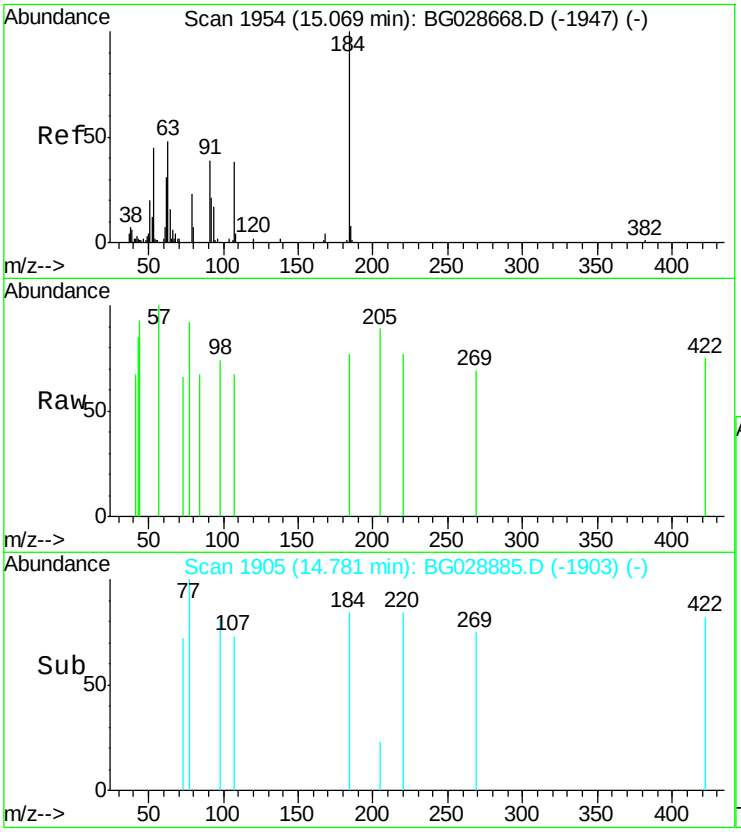


#50
2,6-Dinitrotoluene
Concen: 3.06 ng
RT: 14.40 min Scan# 1841
Delta R.T. -0.11 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion:165 Resp: 4299

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	7.0	58.6	88.0#



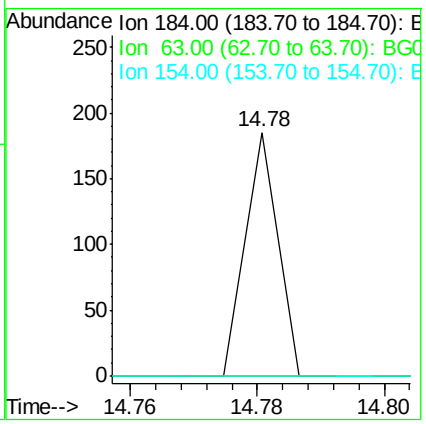


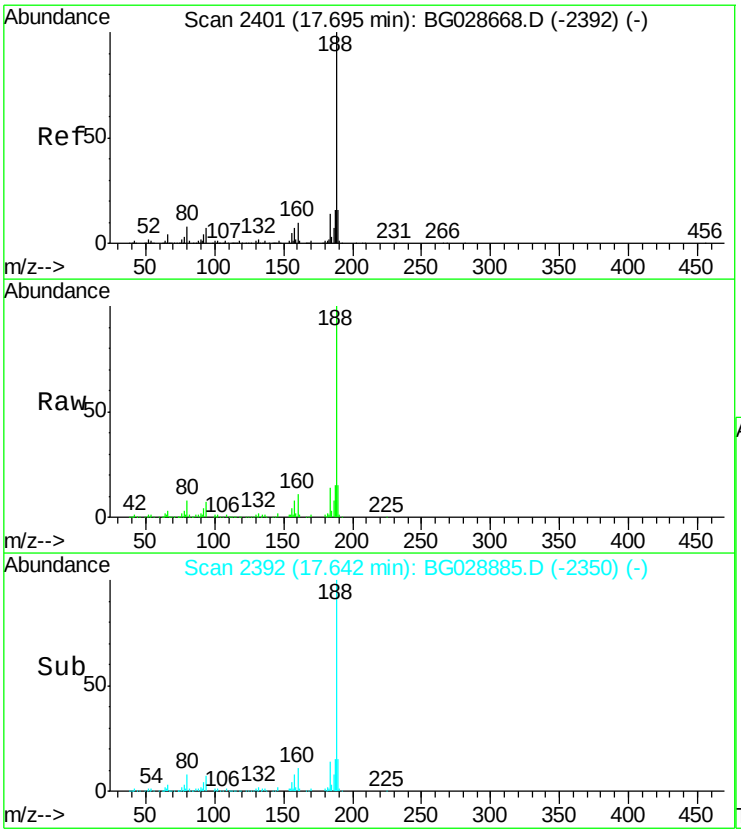
#53
2,4-Dinitrophenol
Concen: 8.08 ng
RT: 14.78 min Scan# 1905
Delta R.T. -0.29 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 65

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

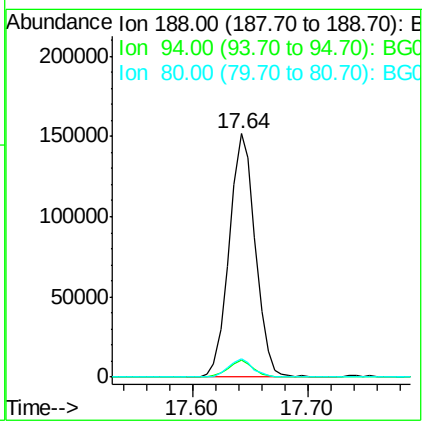


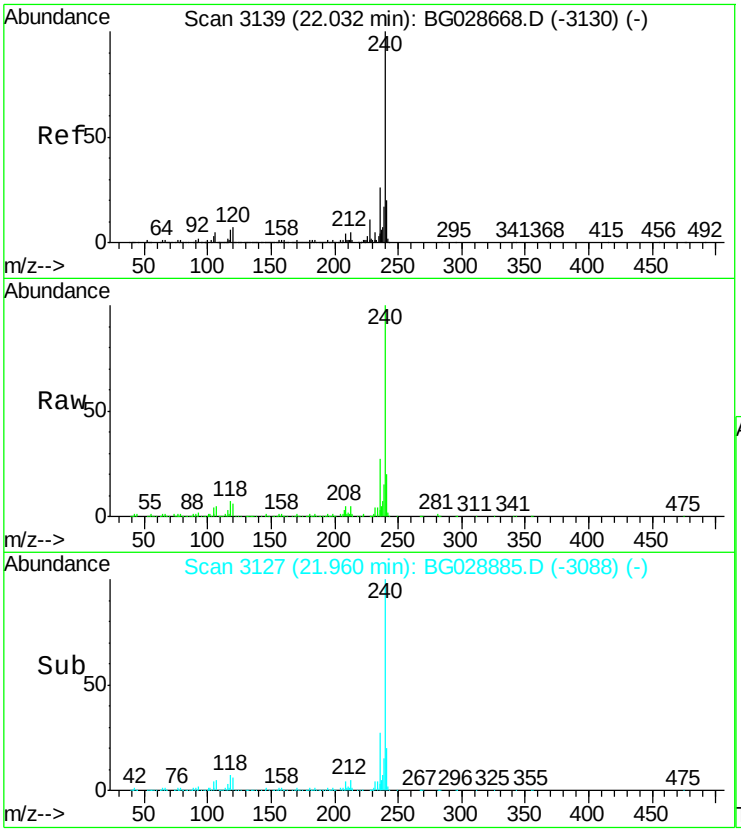


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion:188 Resp: 237104

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.8
80	7.7	7.5	11.3



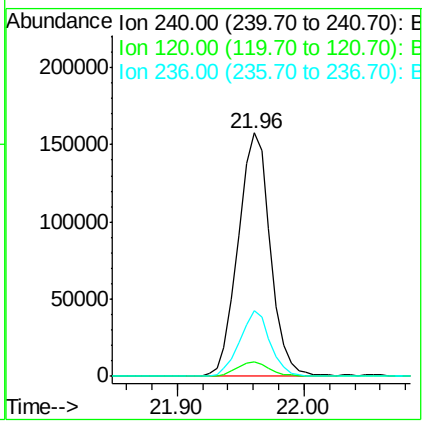


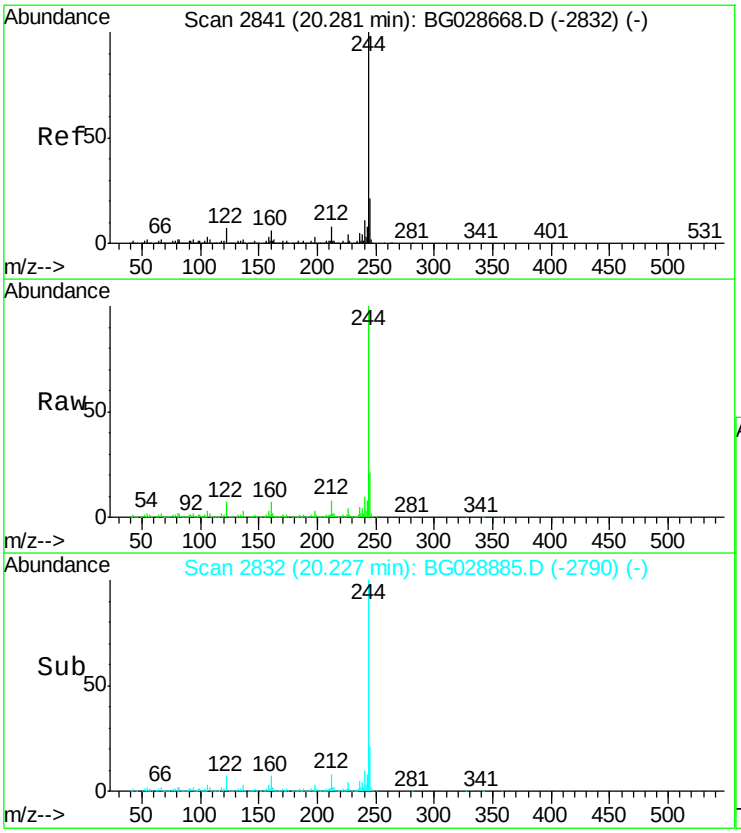
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 277871

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	26.7	22.2	33.4

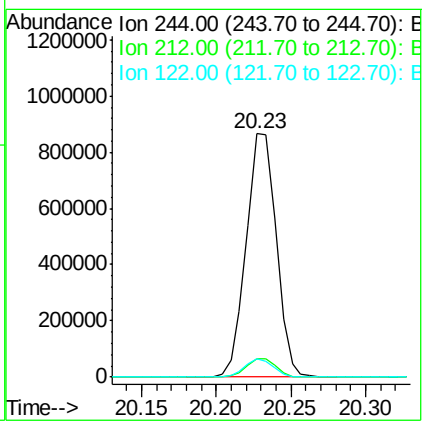


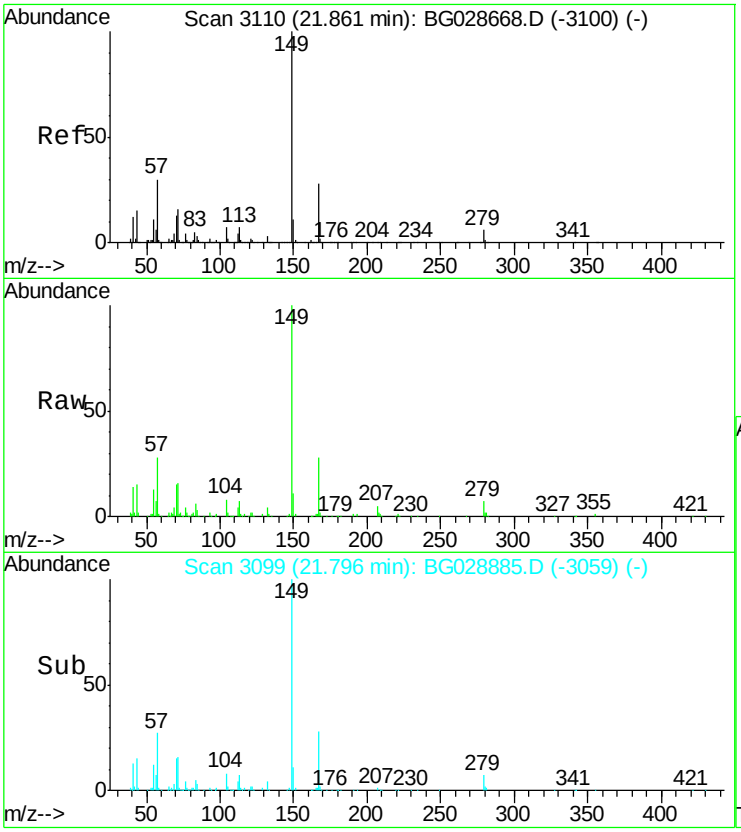


#78
Terphenyl-d14
Concen: 92.31 ng
RT: 20.23 min Scan# 2832
Delta R.T. -0.05 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion:244 Resp: 1202739

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.0	15.0#
122	7.5	8.6	12.8#



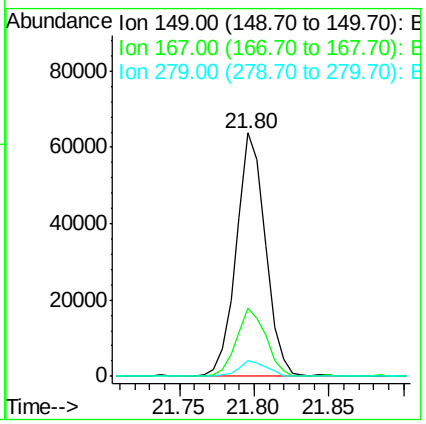


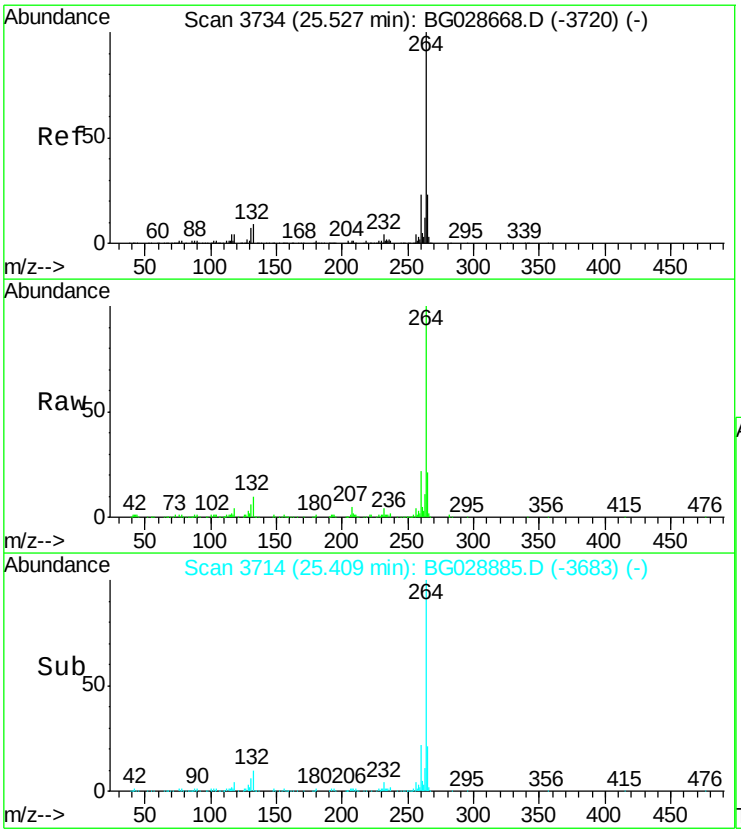
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.40 ng
RT: 21.80 min Scan# 3099
Delta R.T. -0.07 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 86515

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.7	35.5
279	6.6	4.6	6.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.41 min Scan# 3714
Delta R.T. -0.12 min
Lab File: BG028885.D
Acq: 22 Sep 2017 21:59

Tgt Ion:264 Resp: 291665

Ion	Ratio	Lower	Upper
264	100		
260	22.2	21.8	32.8
265	20.5	18.2	27.4