Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028927.D
Acq On : 26 Sep 2017 3:53
Operator : SJ/JU
Sample : I5394-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 26 05:57:00 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	8.29	152	25364	20.00	ng	-0.04
21) Naphthalene-d8	11.10	136	100939	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	69683	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	216869	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	267388	20.00	ng	-0.07
86) Perylene-d12	25.42	264	275616	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	223589	145.46	ng	-0.06
7) Phenol-d6	7.44	99	258642	111.75	ng	-0.05
23) Nitrobenzene-d5	9.45	82	228244	108.17	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	214302	185.94	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	557377	106.66	ng	-0.05
78) Terphenyl-d14	20.24	244	1369093	109.19	ng	-0.04
Target Compounds						Qvalue
15) Benzyl Alcohol	8.61	79	4155	2.30	ng	# 48
32) Benzoic acid	10.44	122	86	6.14	ng	# 1
40) Hexachlorocyclopentadiene	12.91	237	59	7.65	ng	# 29
76) Benzidine	19.87	184	251482	36.27	ng	96

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

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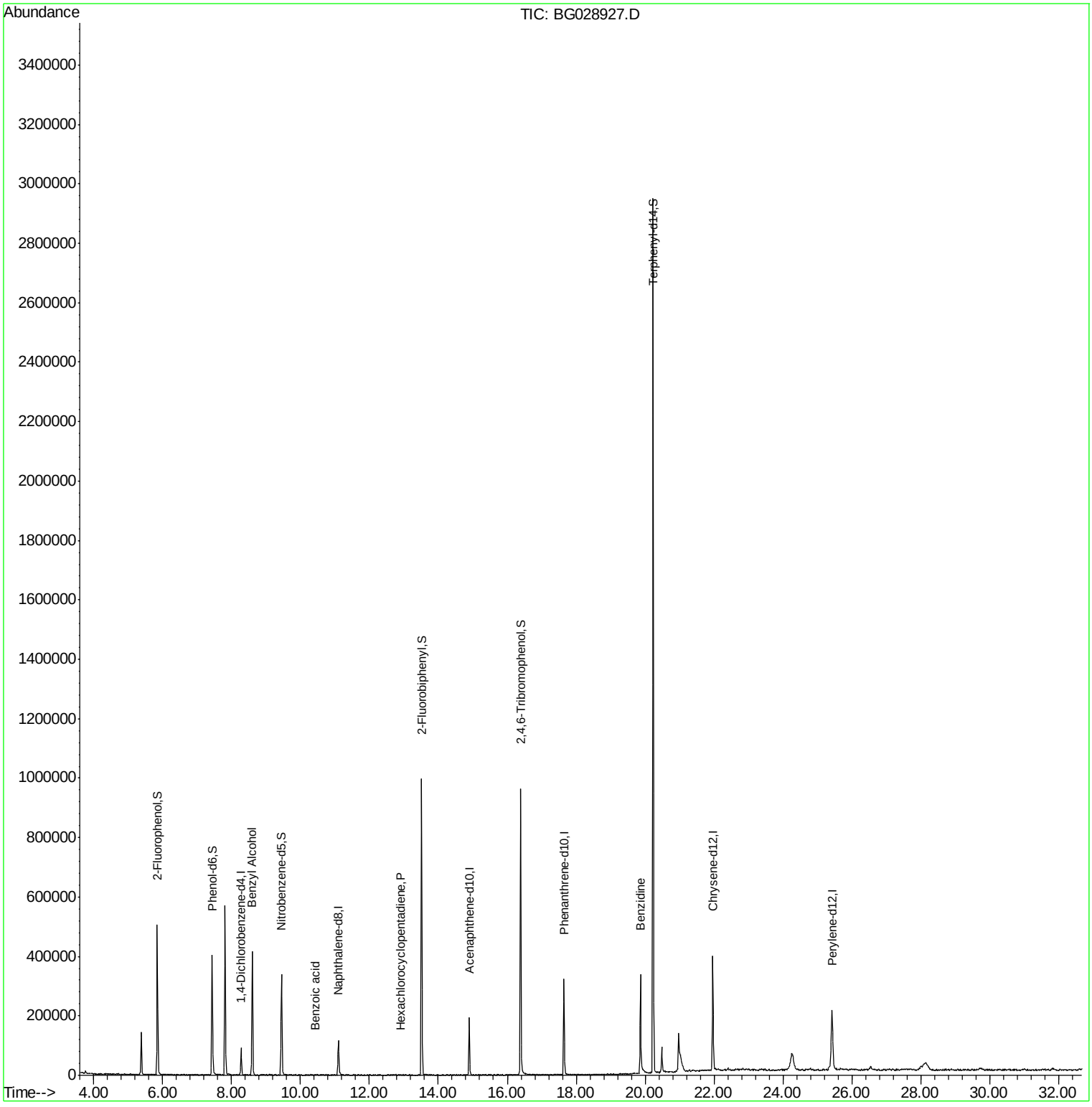
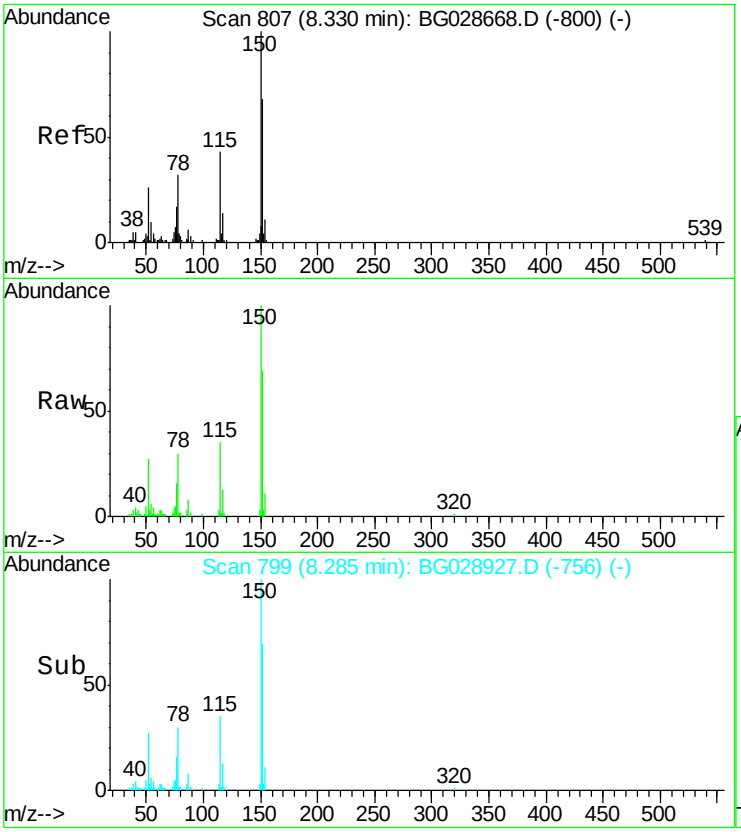


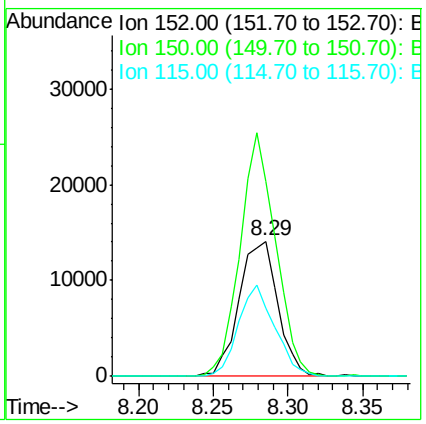


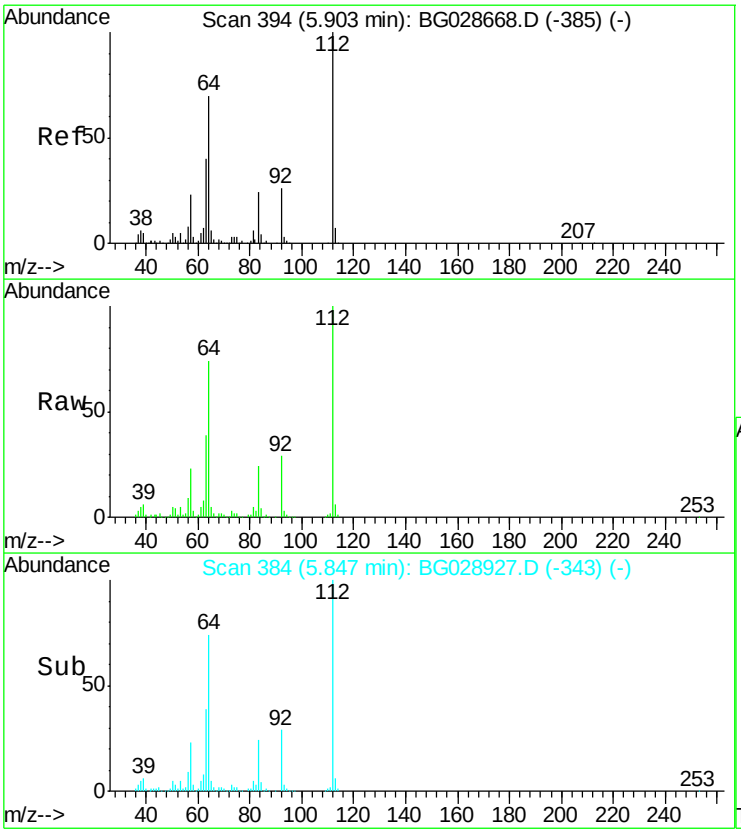
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 799
Delta R.T. -0.04 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25364

Ion	Ratio	Lower	Upper
152	100		
150	144.1	114.0	171.0
115	50.5	48.1	72.1

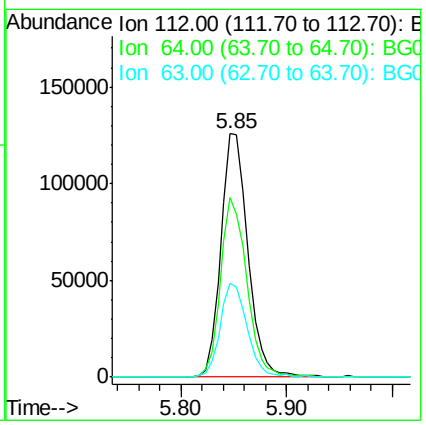


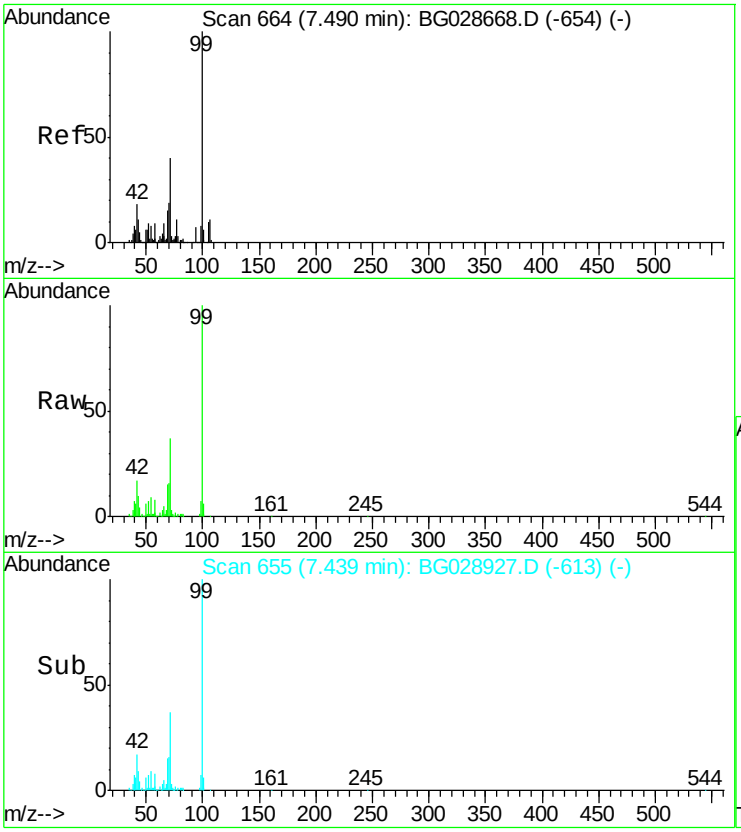


#5
2-Fluorophenol
Concen: 145.46 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion:112 Resp: 223589

Ion	Ratio	Lower	Upper
112	100		
64	73.5	61.8	92.6
63	38.5	37.2	55.8



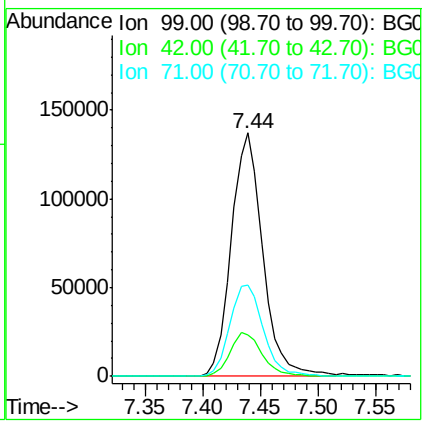


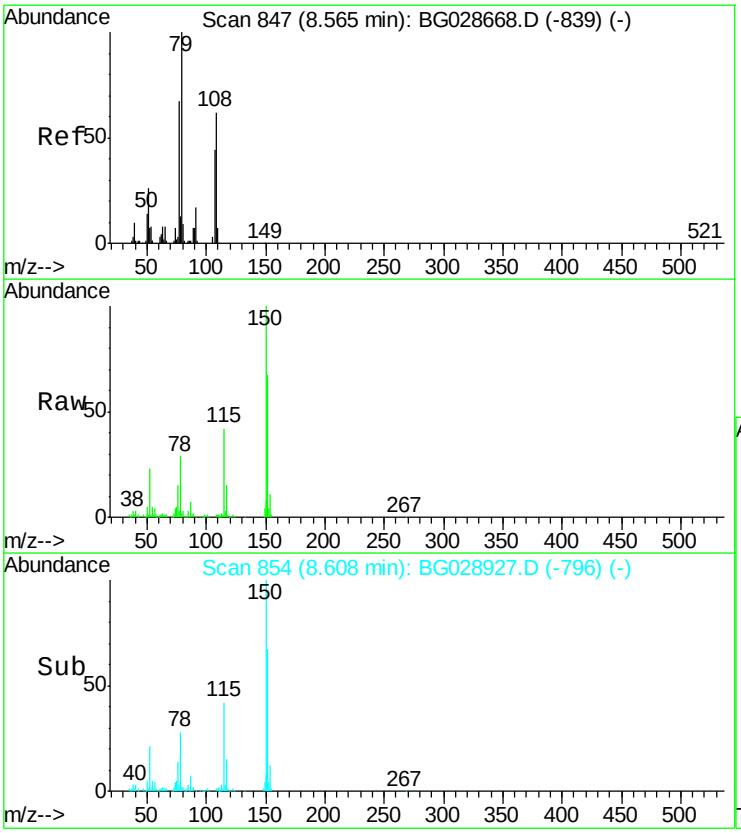
#7
Phenol-d6
Concen: 111.75 ng
RT: 7.44 min Scan# 655
Delta R.T. -0.05 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 258642

Ion	Ratio	Lower	Upper
99	100		
42	17.1	20.5	30.7#
71	37.3	37.6	56.4#

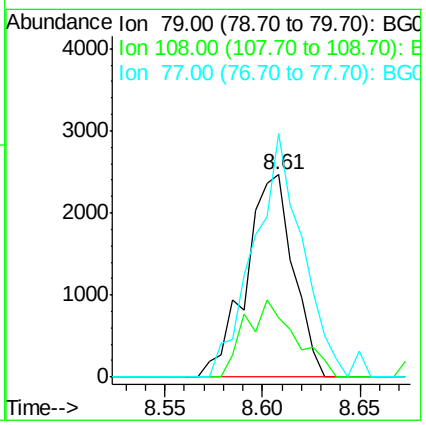


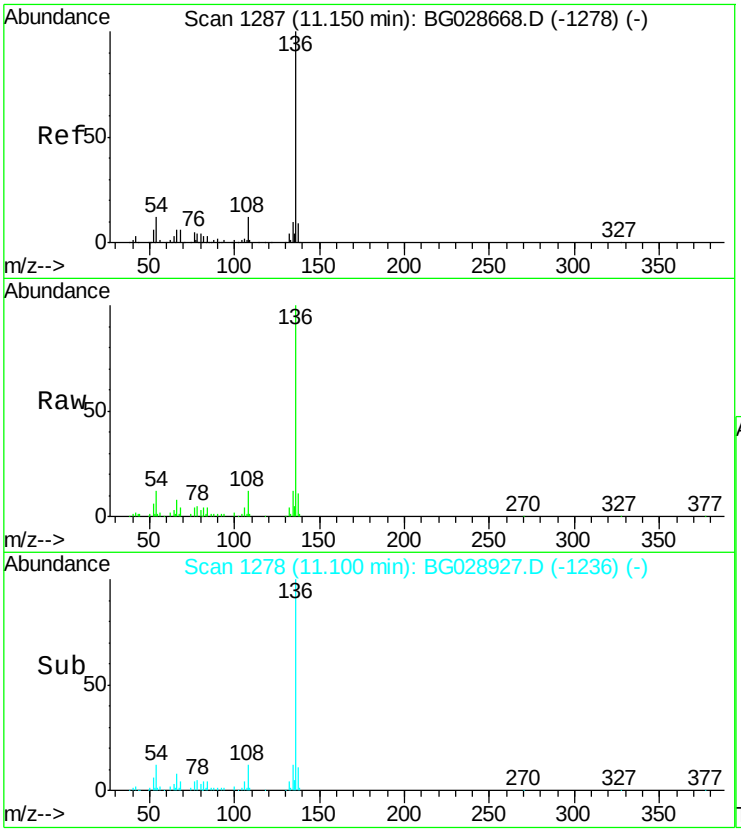


#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 8.61 min Scan# 854
Delta R.T. 0.04 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion: 79 Resp: 4155

Ion	Ratio	Lower	Upper
79	100		
108	29.5	45.5	68.3#
77	120.4	54.3	81.5#



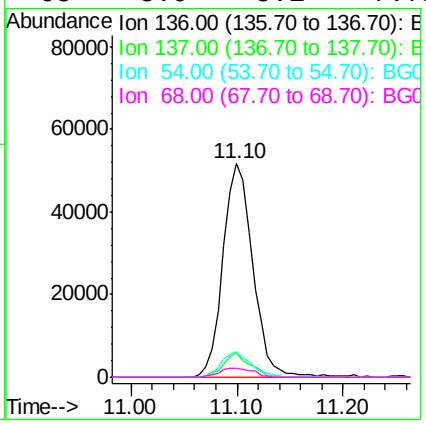


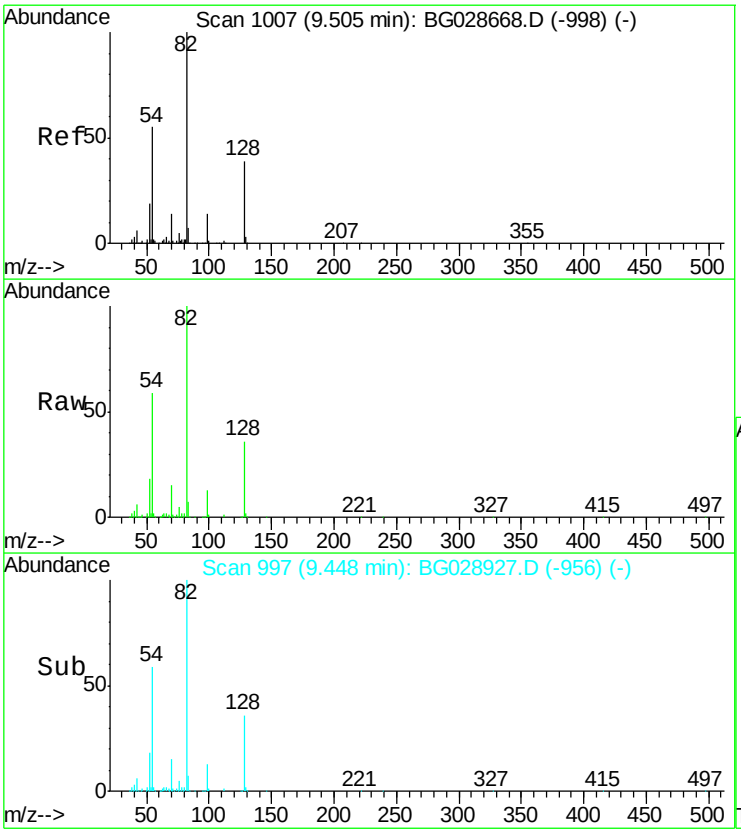
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 100939

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.1	9.3	13.9
68	3.9	5.1	7.7#

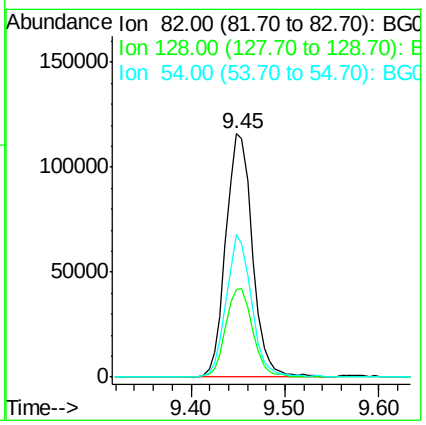


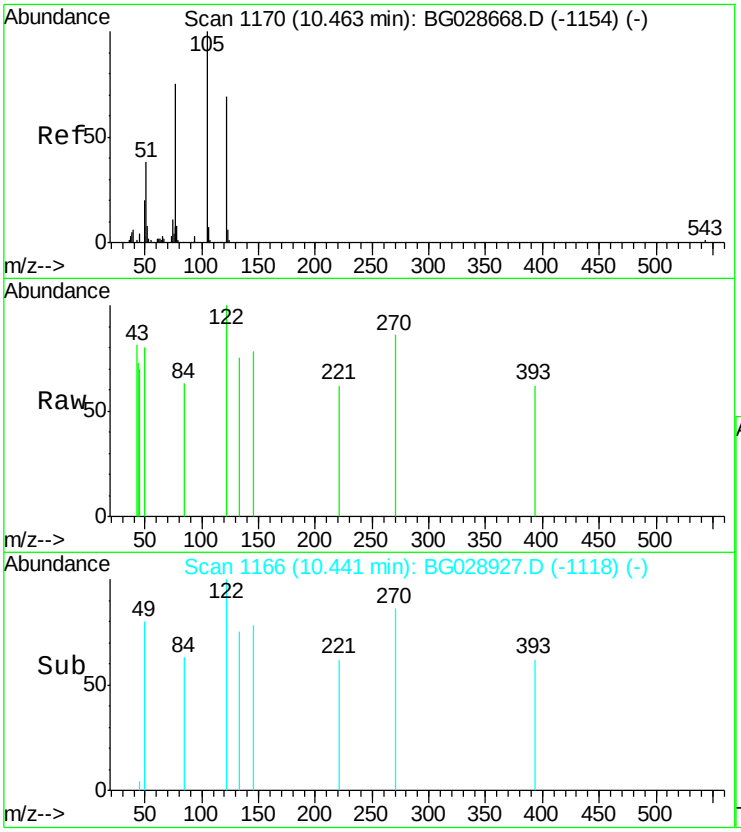


#23
Nitrobenzene-d5
Concen: 108.17 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion: 82 Resp: 228244

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	58.5	49.4	74.2



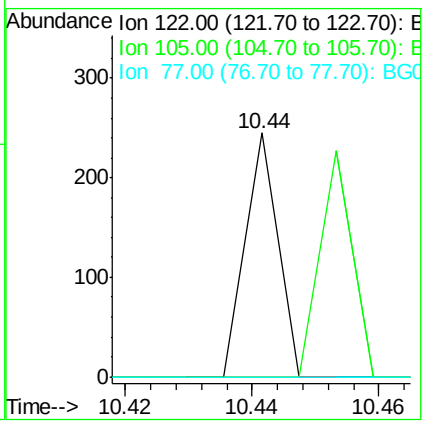


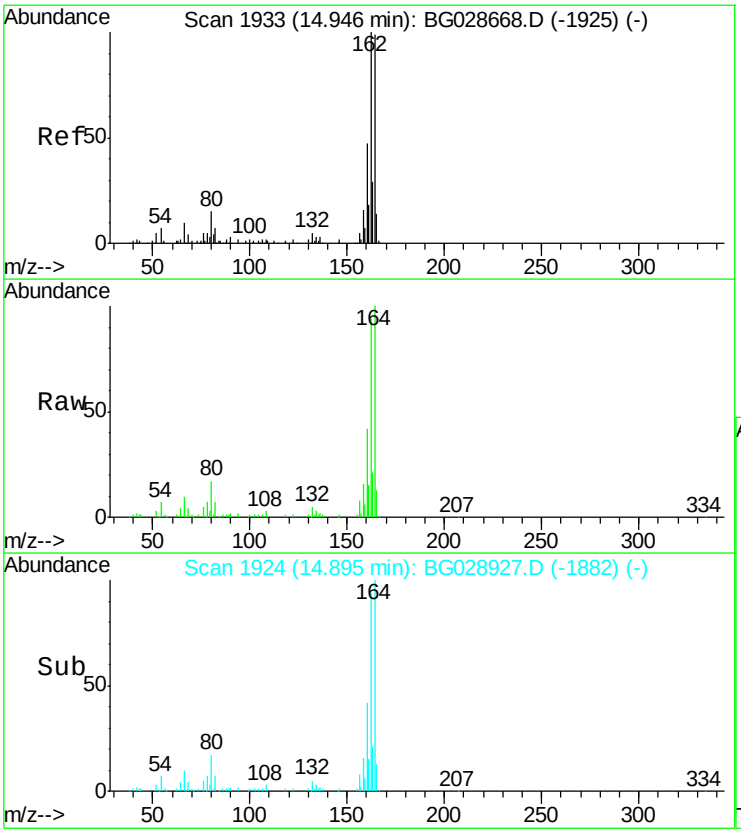
#32
Benzoic acid
Concen: 6.14 ng
RT: 10.44 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 86

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

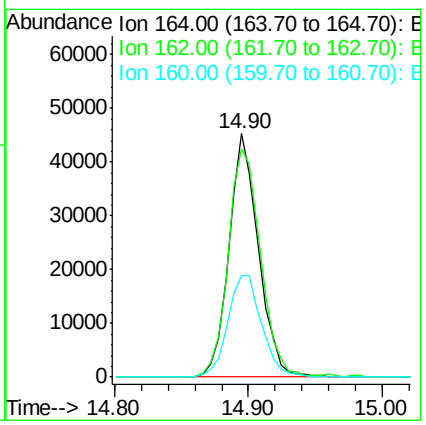


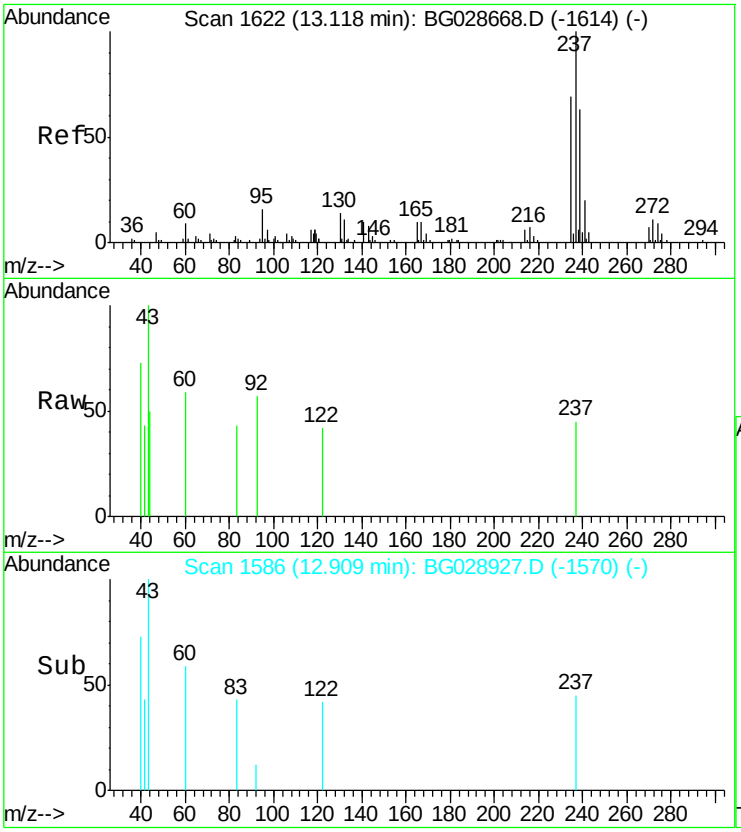


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion:164 Resp: 69683

Ion	Ratio	Lower	Upper
164	100		
162	93.9	85.1	127.7
160	41.5	34.7	52.1



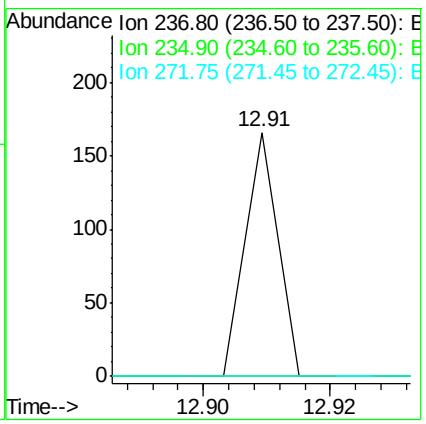


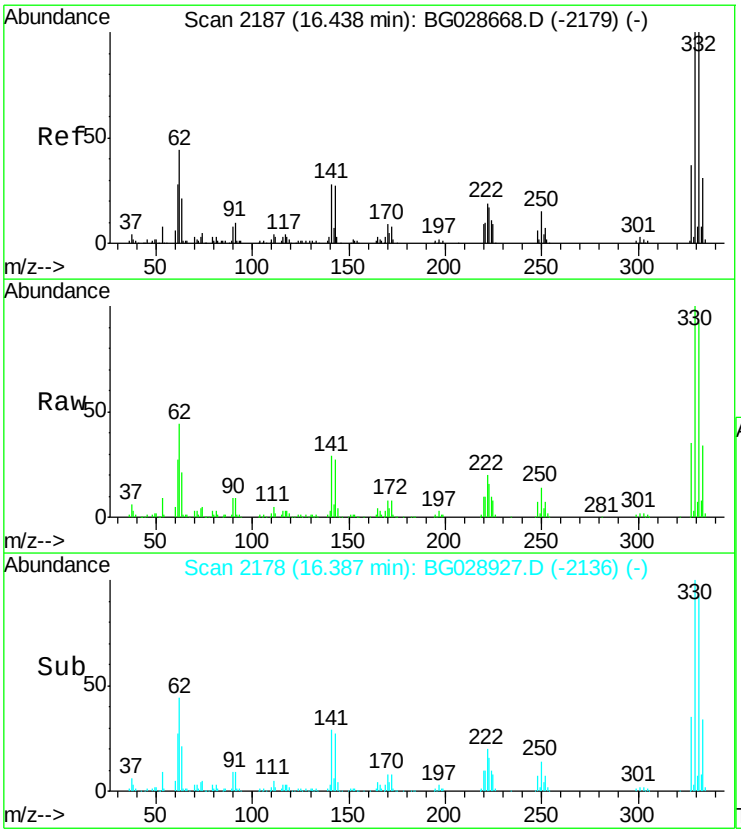
#40
Hexachlorocyclopentadiene
Concen: 7.65 ng
RT: 12.91 min Scan# 1586
Delta R.T. -0.21 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:237 Resp: 59

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

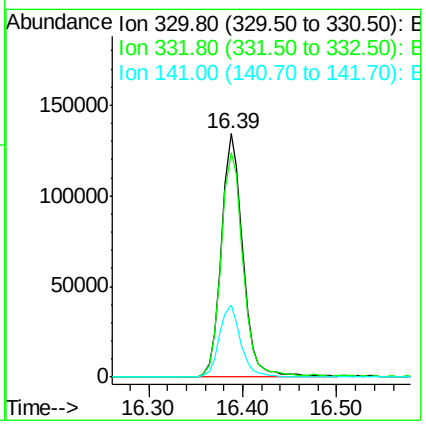


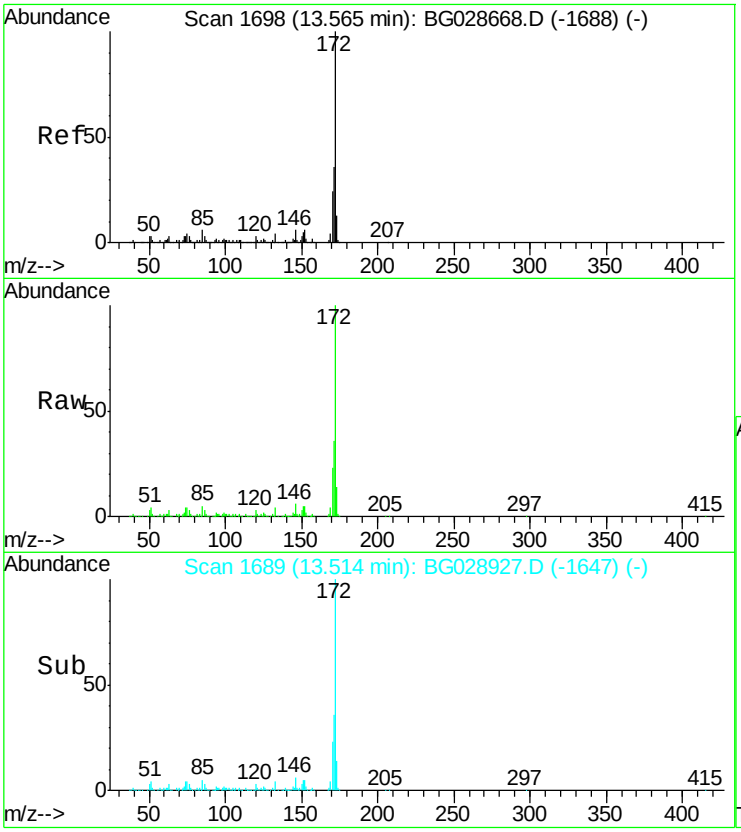


#41
2,4,6-Tribromophenol
Concen: 185.94 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion:330 Resp: 214302

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.3	115.9
141	29.3	32.1	48.1#



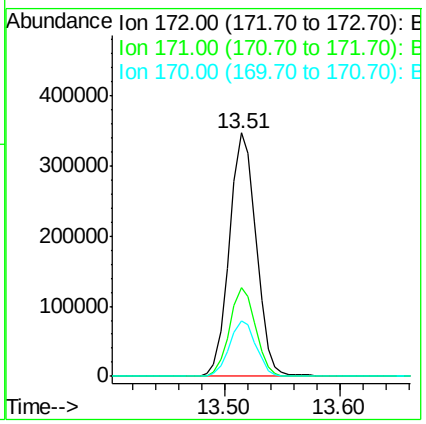


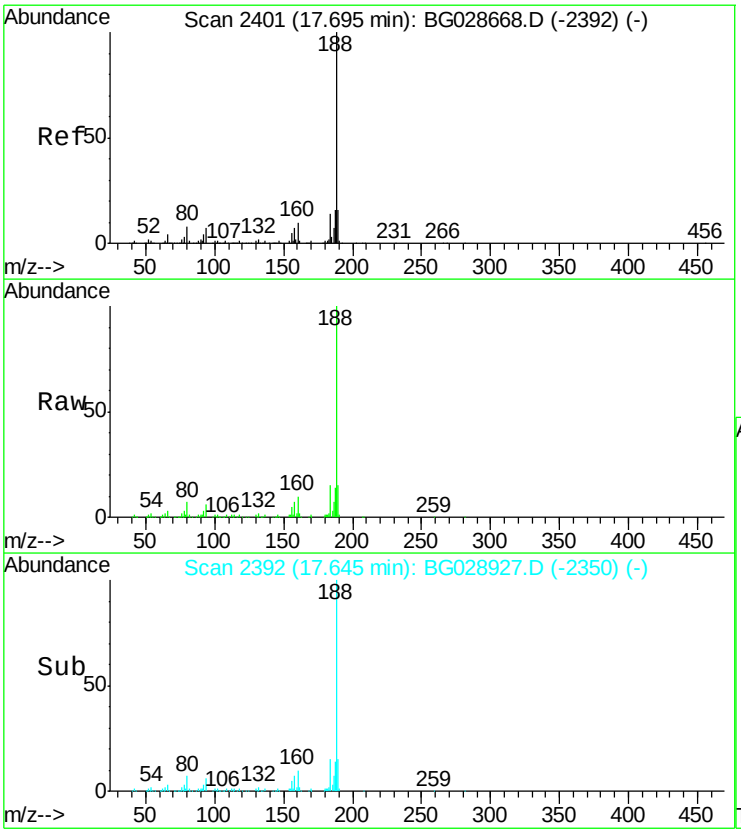
#44
2-Fluorobiphenyl
Concen: 106.66 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 557377

Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	22.8	21.8	32.6

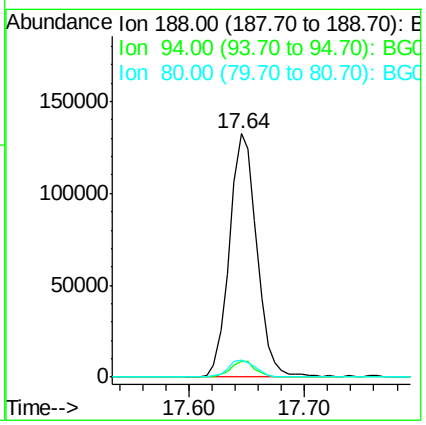


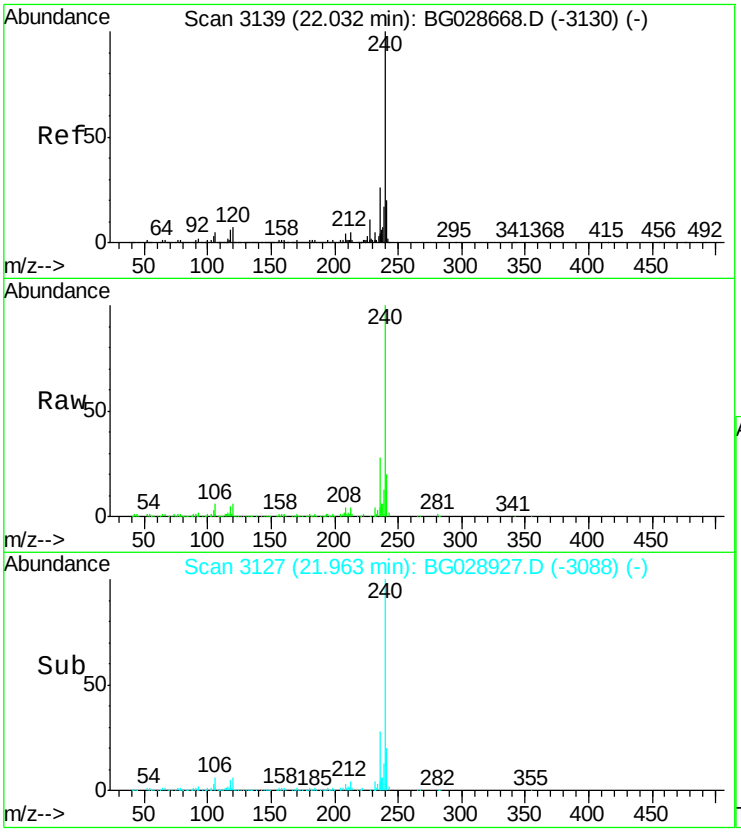


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion:188 Resp: 216869

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.2	7.5	11.3#



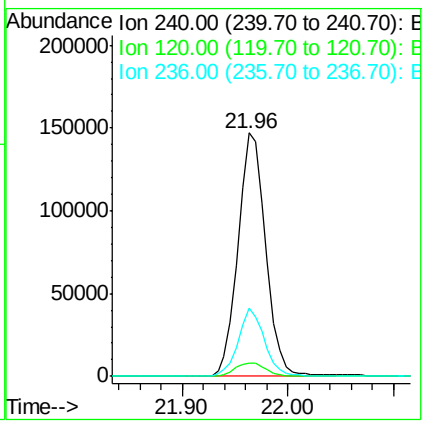


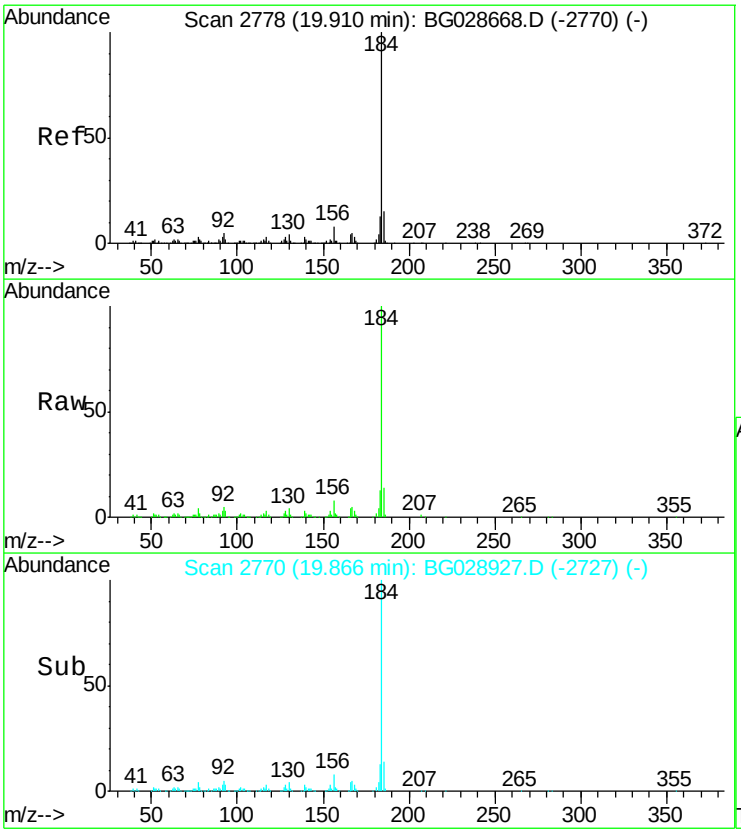
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 267388

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	27.9	22.2	33.4

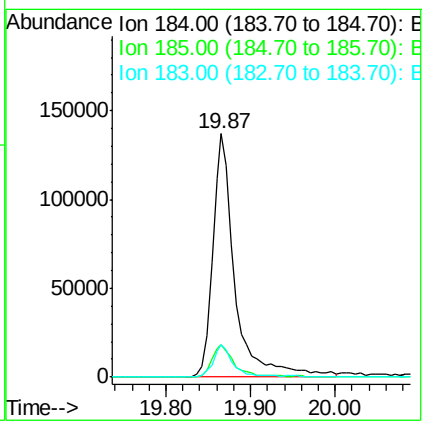


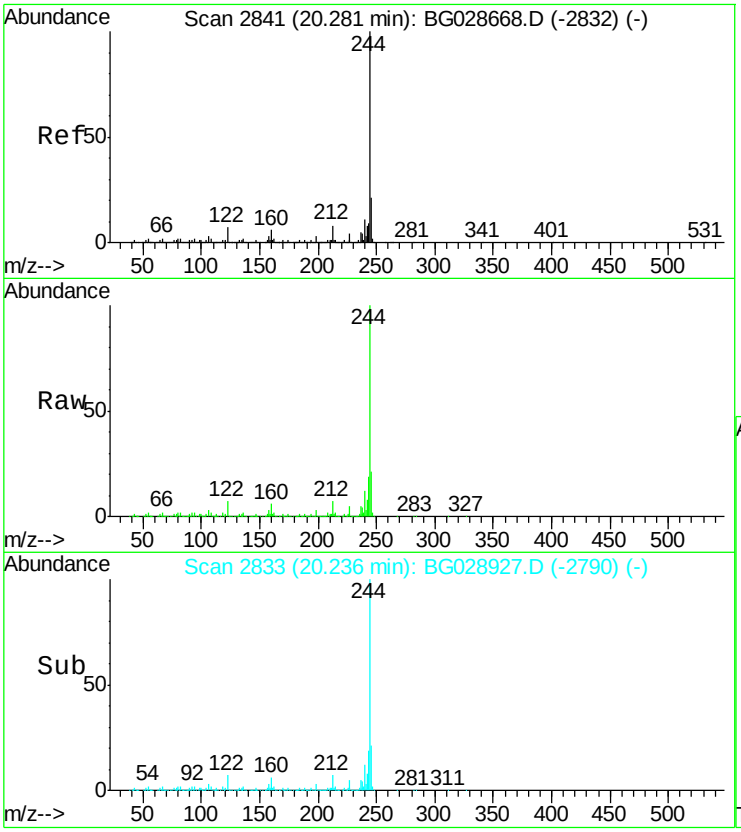


#76
Benzidine
Concen: 36.27 ng
RT: 19.87 min Scan# 2770
Delta R.T. -0.04 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion:184 Resp: 251482

Ion	Ratio	Lower	Upper
184	100		
185	13.5	13.0	19.6
183	13.3	11.0	16.6



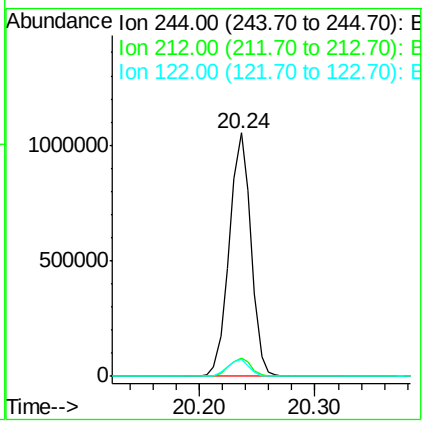


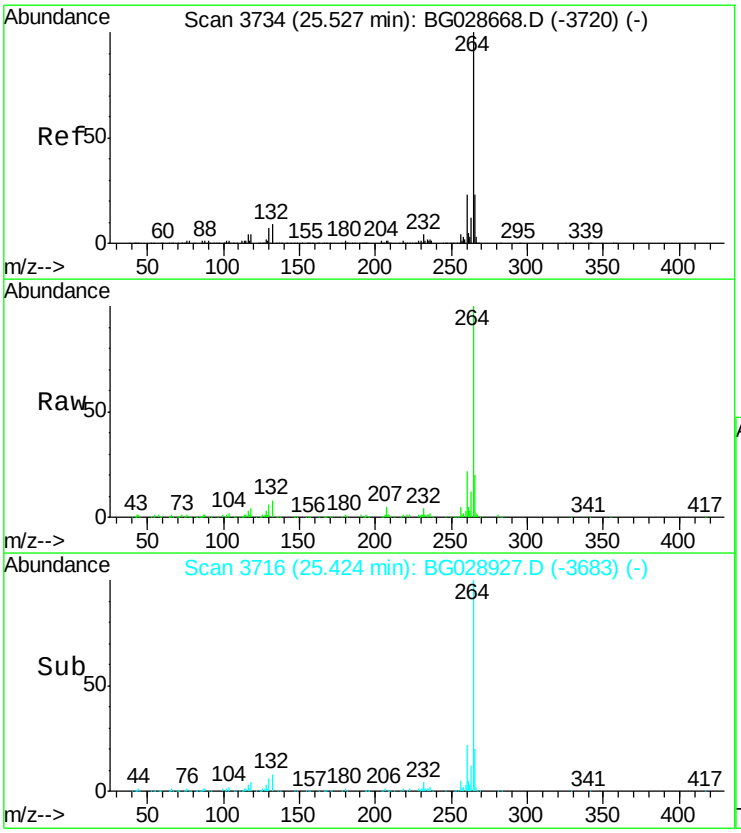
#78
Terphenyl-d14
Concen: 109.19 ng
RT: 20.24 min Scan# 2833
Delta R.T. -0.04 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1369093

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	6.9	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.10 min
Lab File: BG028927.D
Acq: 26 Sep 2017 3:53

Tgt Ion:264 Resp: 275616

Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	19.6	18.2	27.4