Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022885.D
Acq On : 6 Jul 2016 20:45
Operator : UM/SJ
Sample : H3862-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-57-062916

Quant Time: Jul 07 02:31:59 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	101524	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	464854	20.00	ng		-0.01
38) Acenaphthene-d10	14.79	164	371646	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	907687	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1015706	20.00	ng		0.00
86) Perylene-d12	25.21	264	1036381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	731351	115.54	ng		0.00
7) Phenol-d6	7.31	99	1087578	121.90	ng		0.00
23) Nitrobenzene-d5	9.32	82	847640	77.18	ng		-0.01
41) 2,4,6-Tribromophenol	16.29	330	759888	130.00	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1872364	79.90	ng		0.00
78) Terphenyl-d14	20.15	244	3020693	78.79	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.03	128	111773	4.78	ng		96
32) Benzoic acid	10.21	122	66	5.12	ng	#	86
76) Benzidine	19.78	184	2999628	277.39	ng	#	90

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

Quantitation Report (Not Reviewed)

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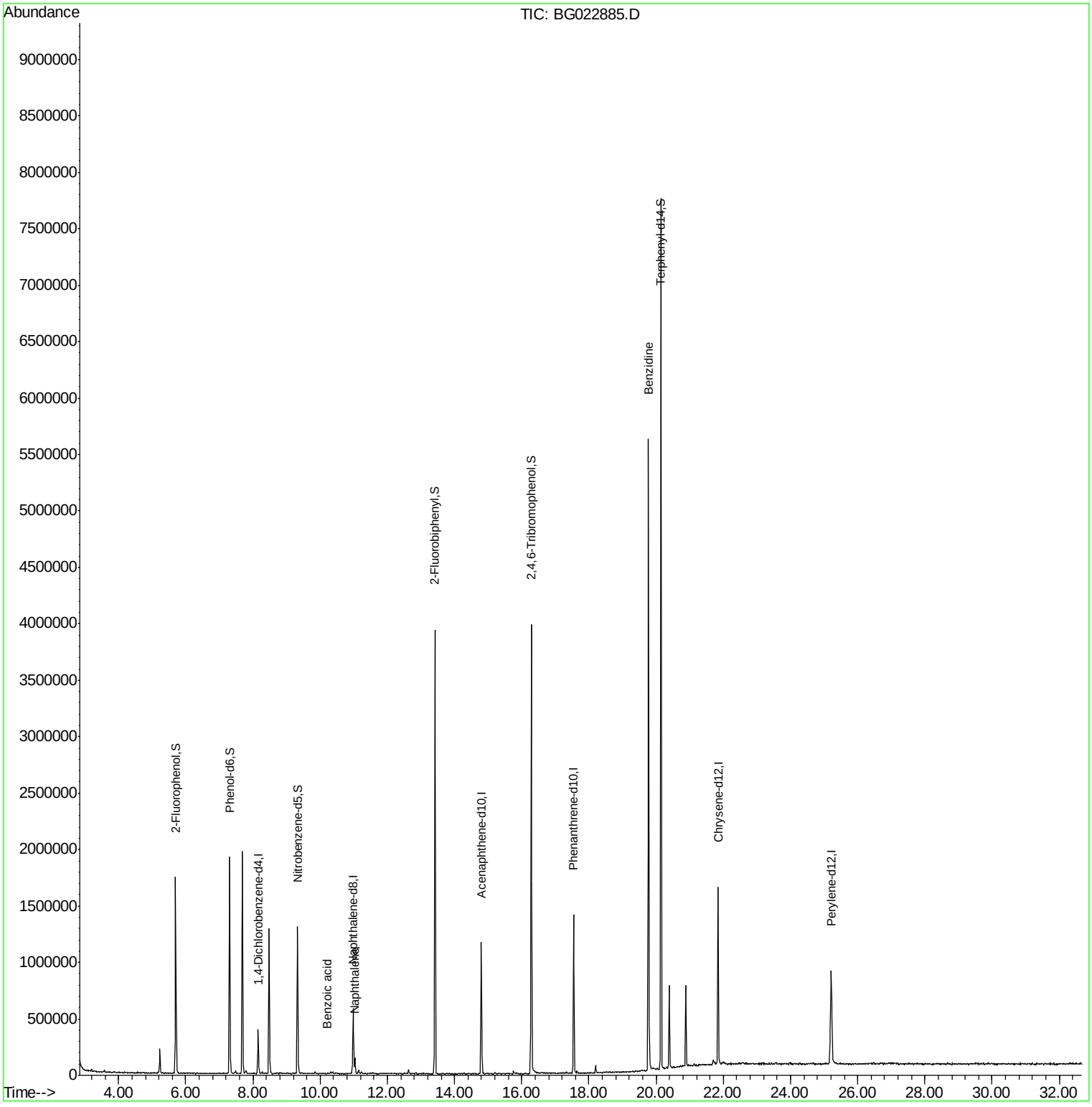
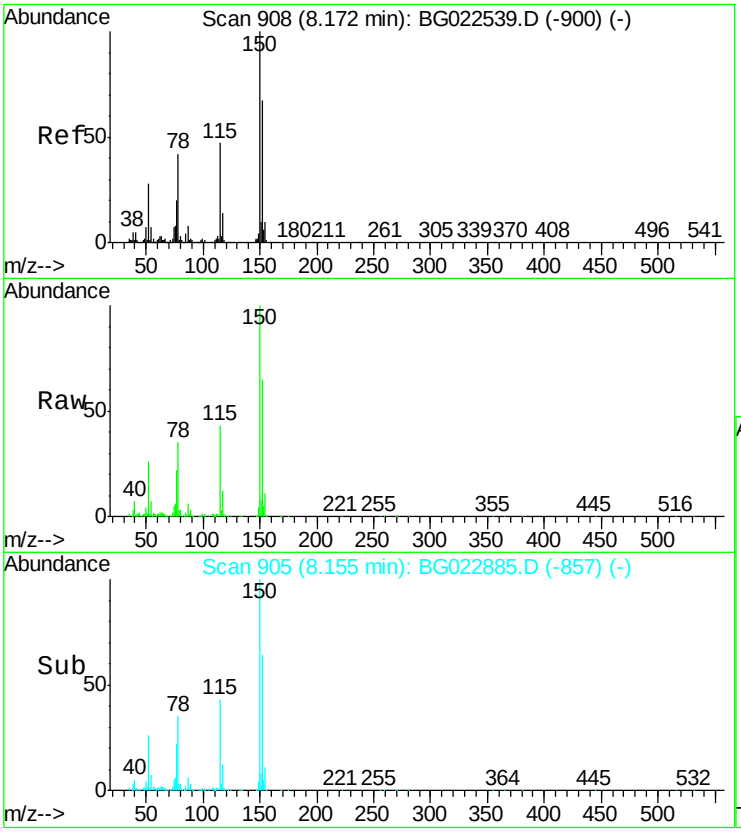


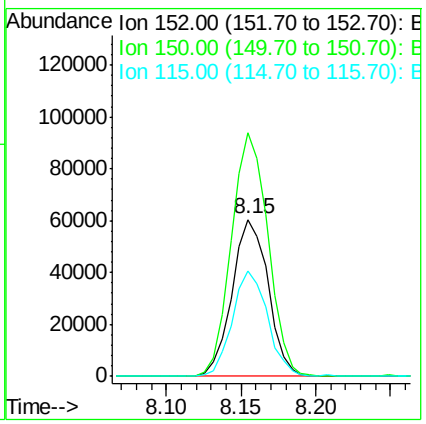


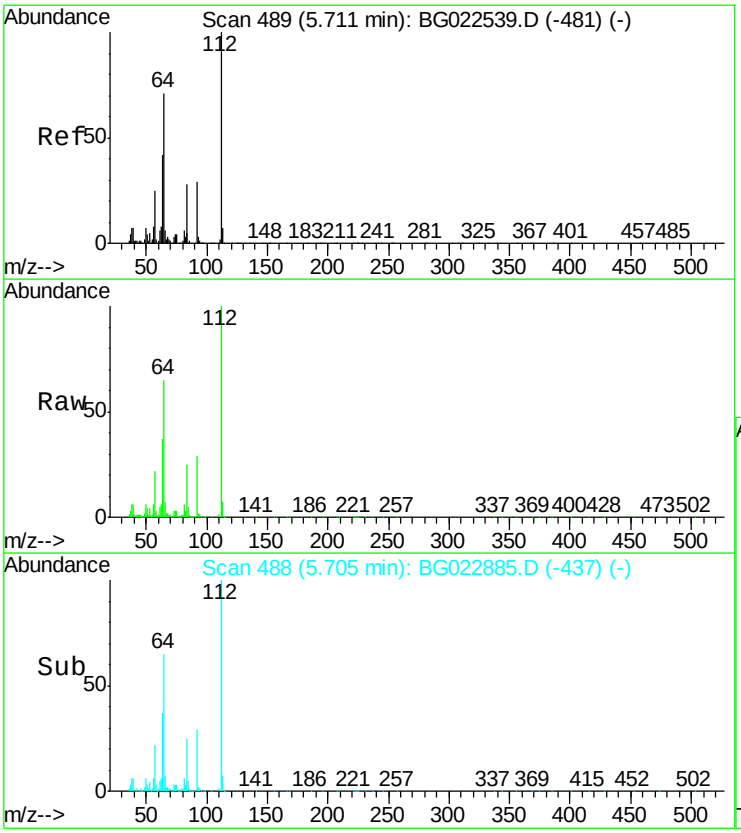
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion:152 Resp: 101524

Ion	Ratio	Lower	Upper
152	100		
150	154.9	144.7	217.1
115	66.9	64.0	96.0

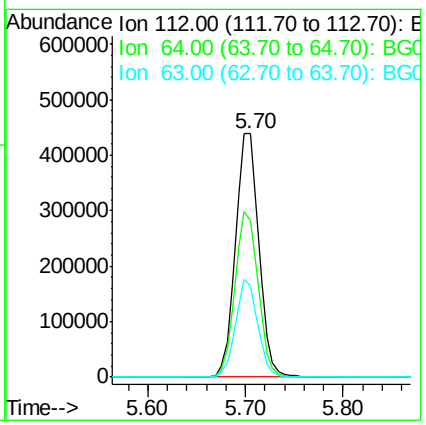


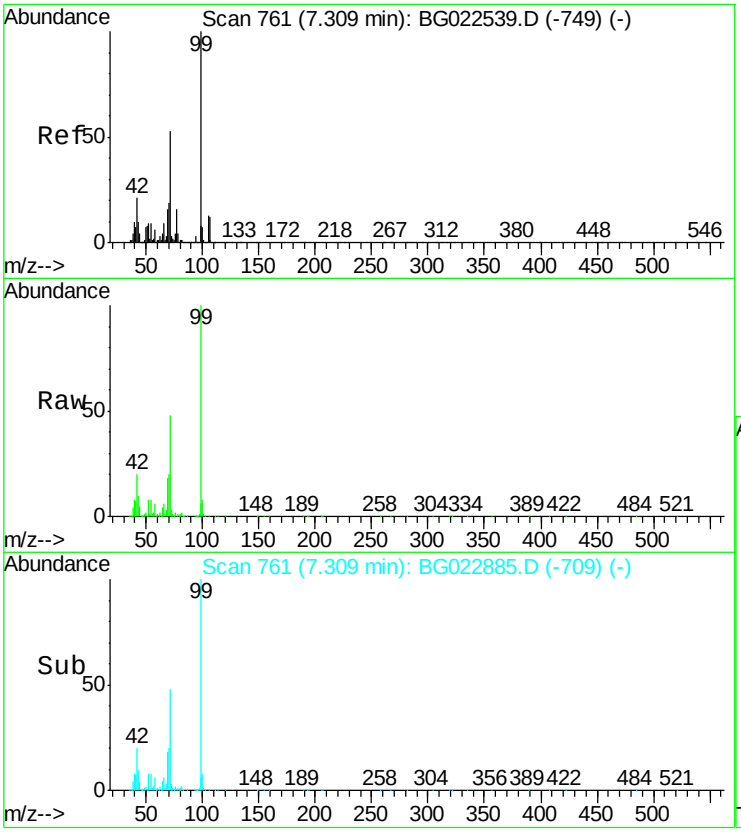


#5
2-Fluorophenol
Concen: 115.54 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Tgt Ion:112 Resp: 731351

Ion	Ratio	Lower	Upper
112	100		
64	64.5	59.0	88.4
63	37.4	37.8	56.8#



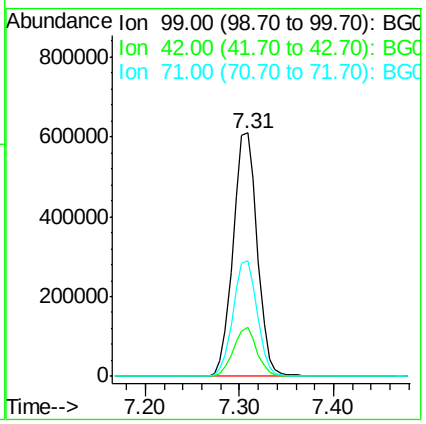


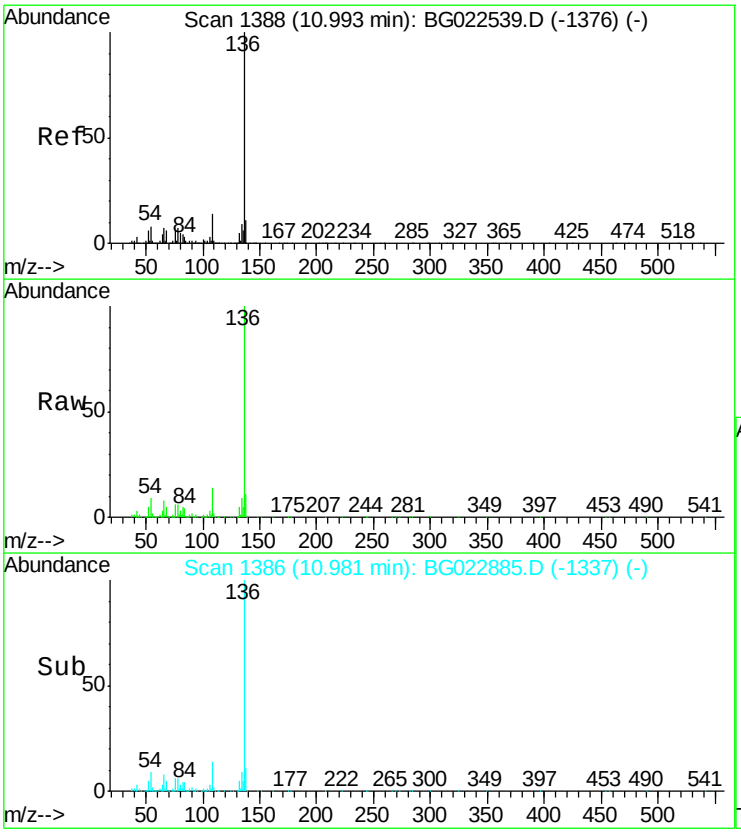
#7
Phenol-d6
Concen: 121.90 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion: 99 Resp: 1087578

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	47.7	41.5	62.3

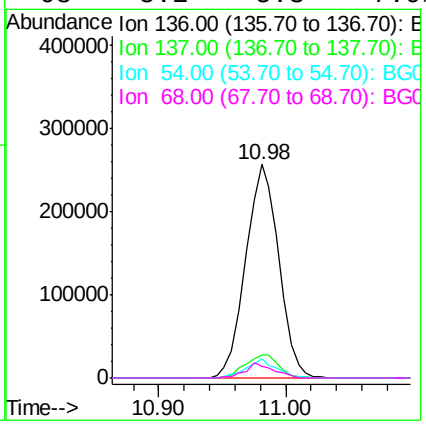


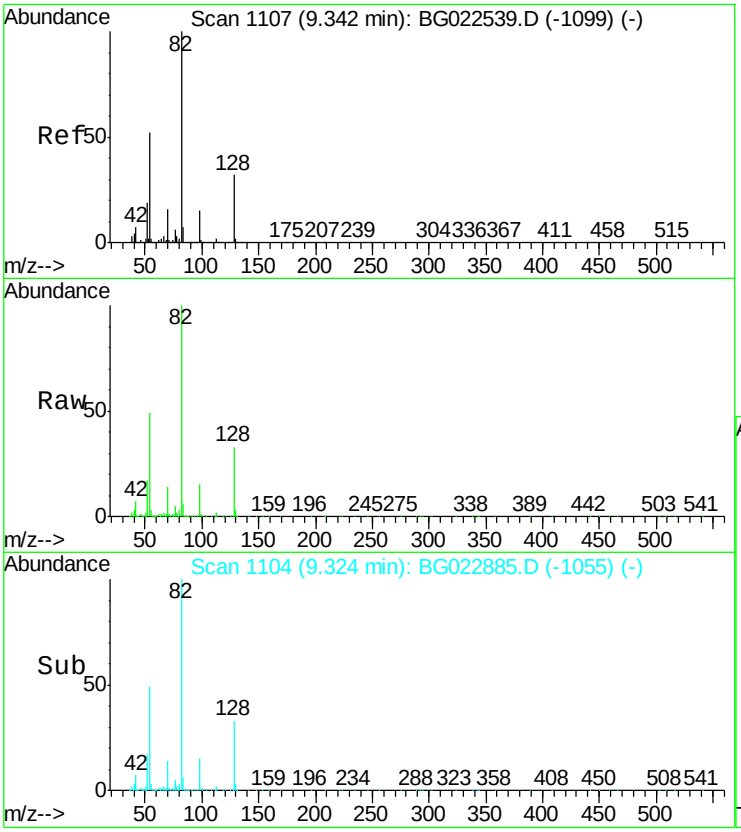


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Tgt Ion:136 Resp: 464854

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.8	7.3	10.9
68	5.2	5.3	7.9#



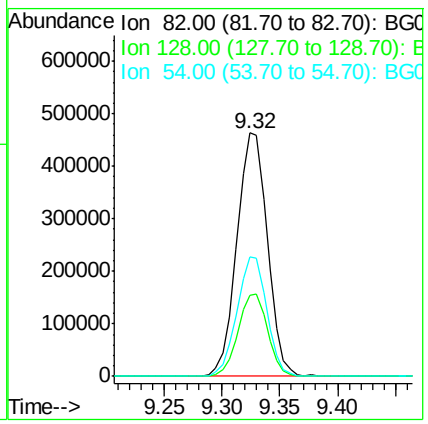


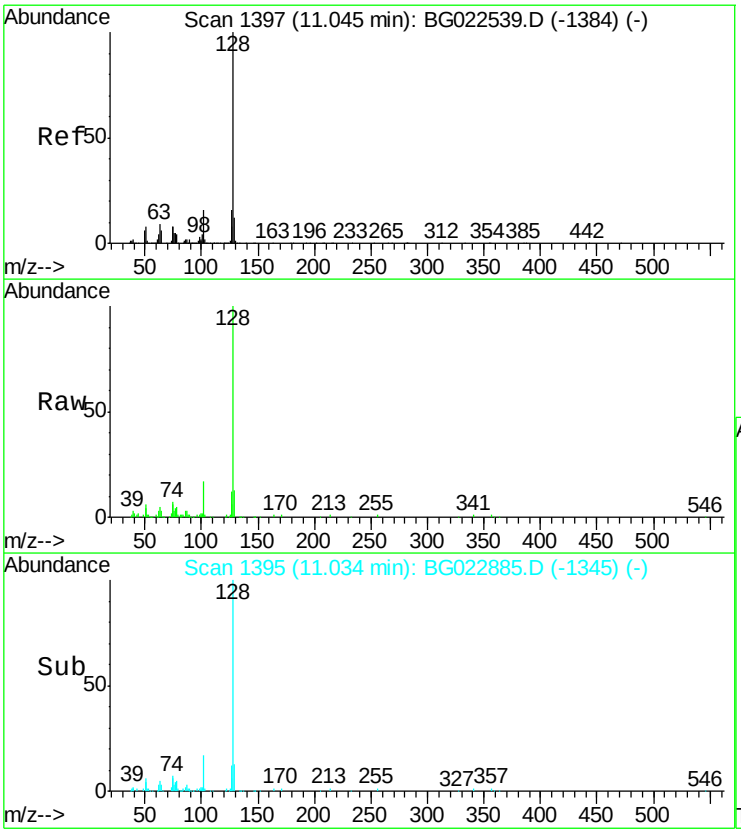
#23
Nitrobenzene-d5
Concen: 77.18 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion: 82 Resp: 847640

Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	48.8	41.4	62.0

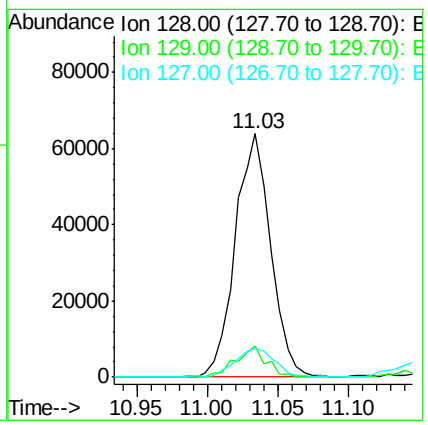


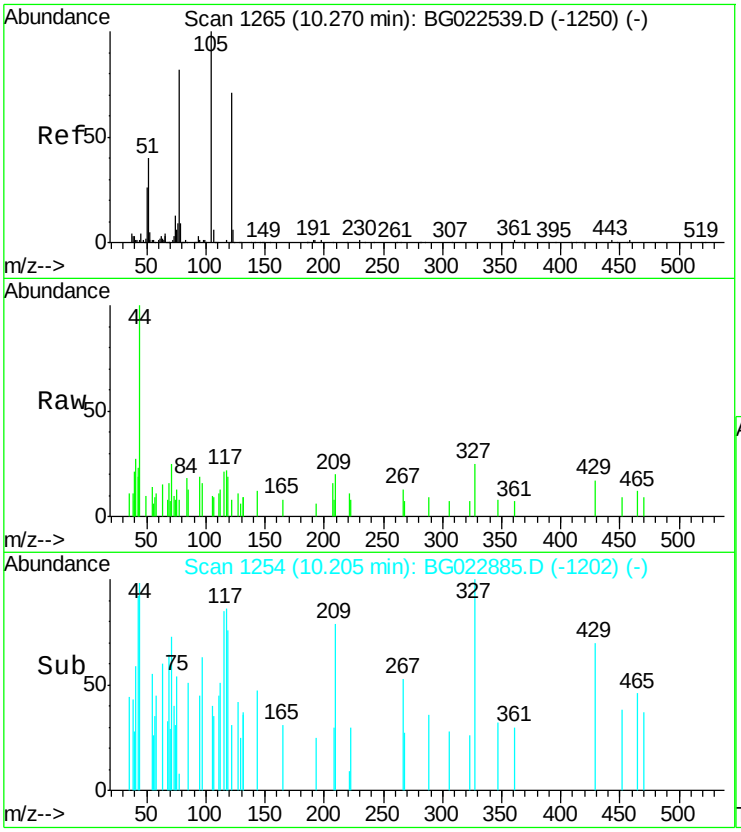


#31
Naphthalene
Concen: 4.78 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Tgt Ion:128 Resp: 111773

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.0
127	11.9	11.3	16.9



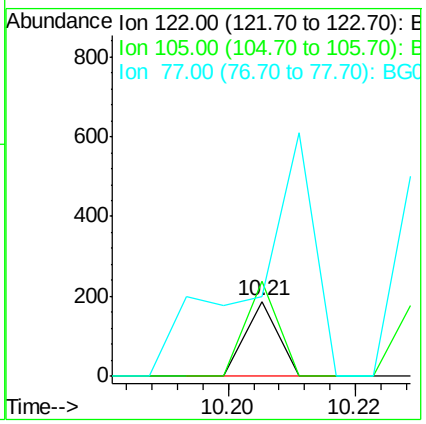


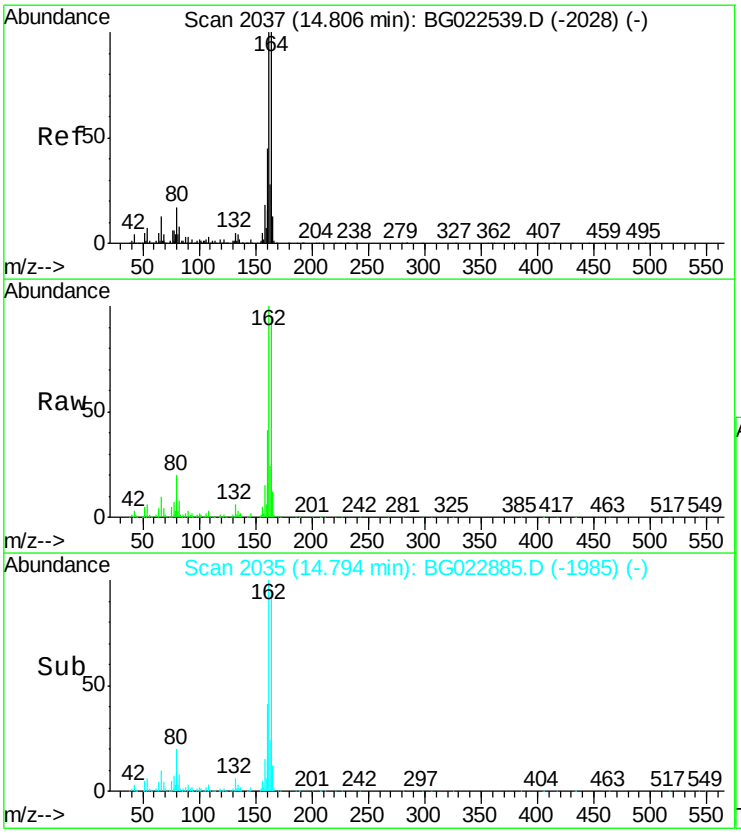
#32
Benzoic acid
Concen: 5.12 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion:122 Resp: 66

Ion	Ratio	Lower	Upper
122	100		
105	126.7	117.2	157.2
77	106.4	109.2	149.2#

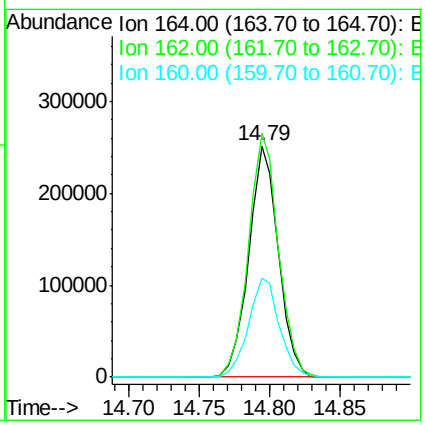


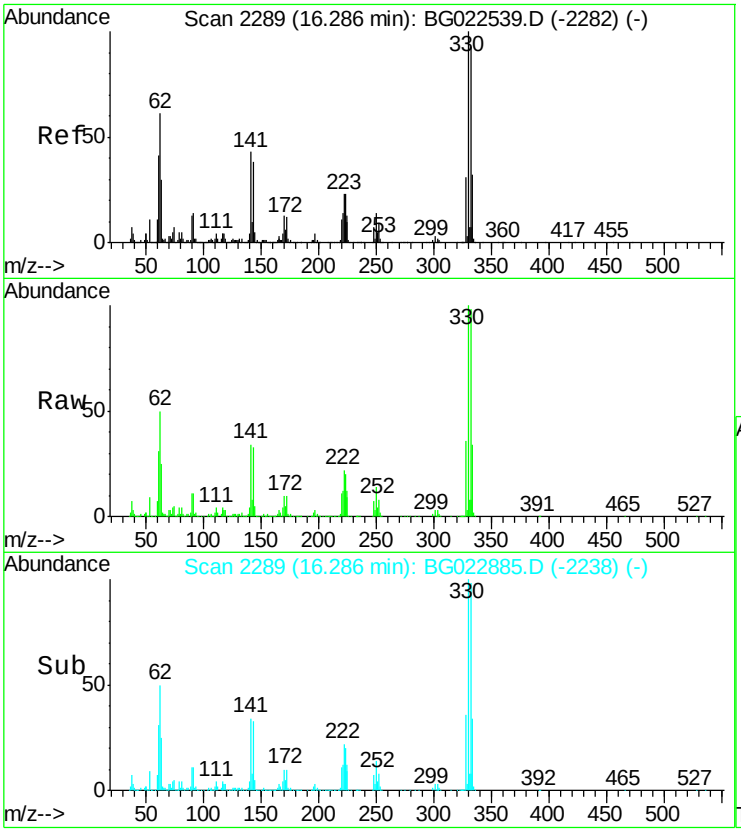


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Tgt Ion:164 Resp: 371646

Ion	Ratio	Lower	Upper
164	100		
162	105.3	87.7	131.5
160	42.8	37.2	55.8



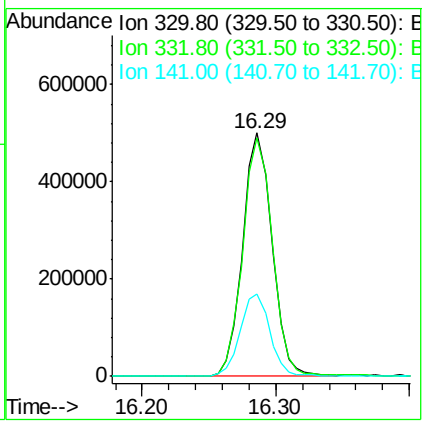


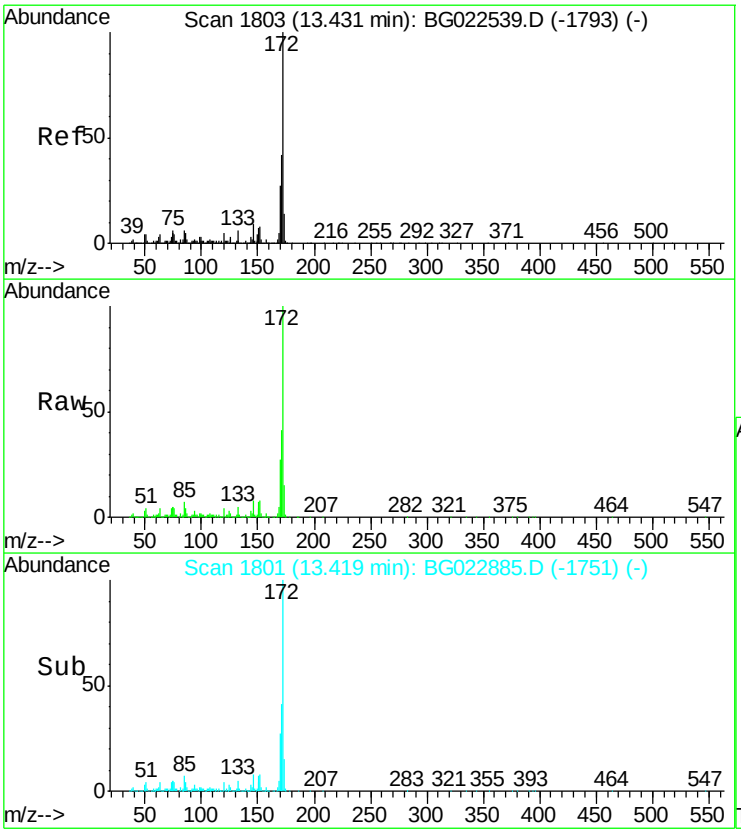
#41
2,4,6-Tribromophenol
Concen: 130.00 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion:330 Resp: 759888

Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.4	116.2
141	34.5	31.7	47.5

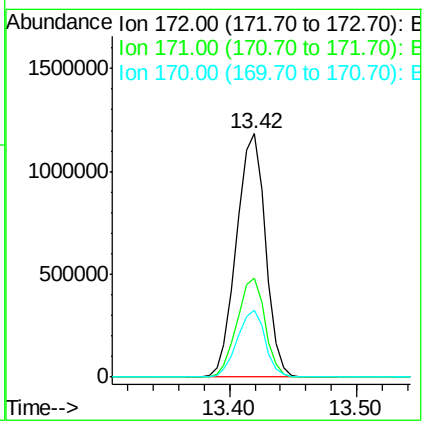


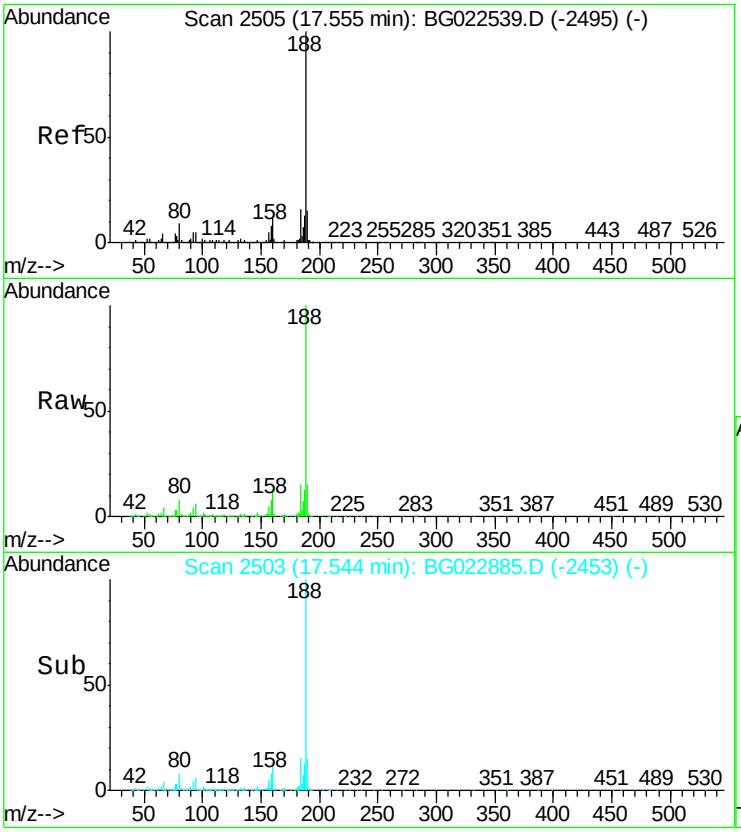


#44
2-Fluorobiphenyl
Concen: 79.90 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Tgt Ion:172 Resp: 1872364

Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	27.5	21.3	31.9



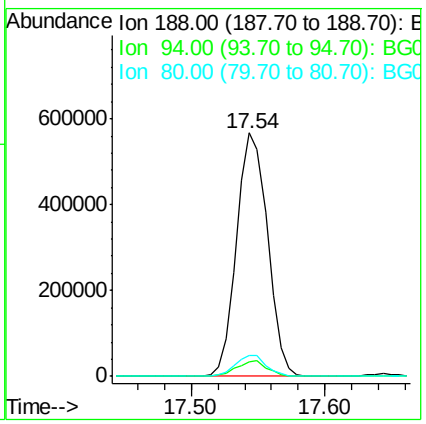


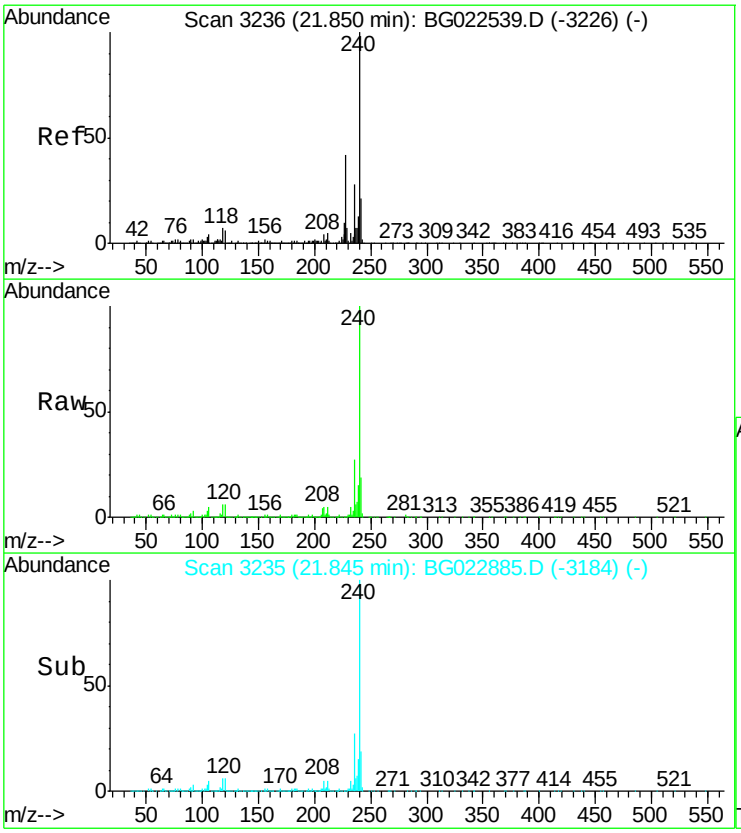
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion:188 Resp: 907687

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.2	7.8
80	8.3	7.2	10.8

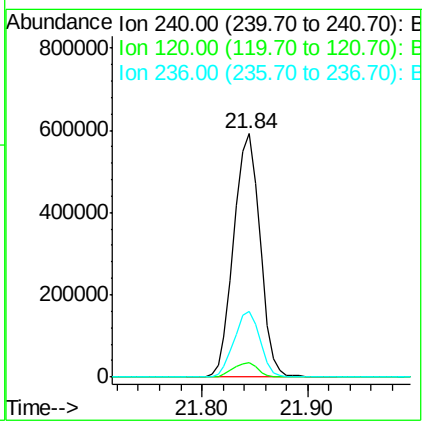


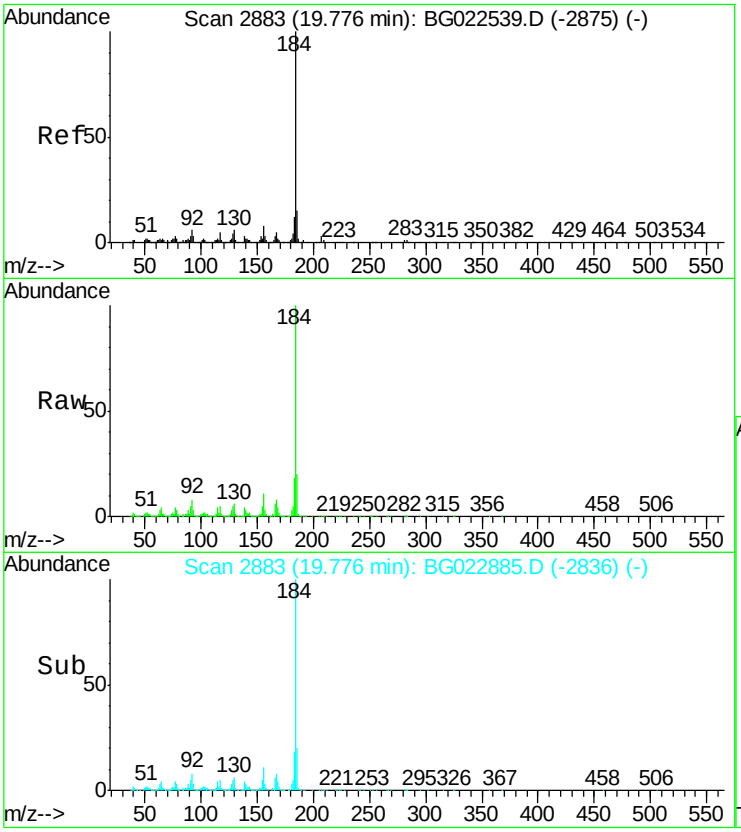


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Tgt Ion:240 Resp: 1015706

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.1	6.1
236	27.1	21.1	31.7



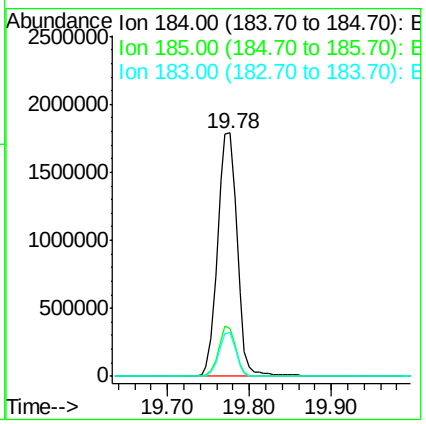


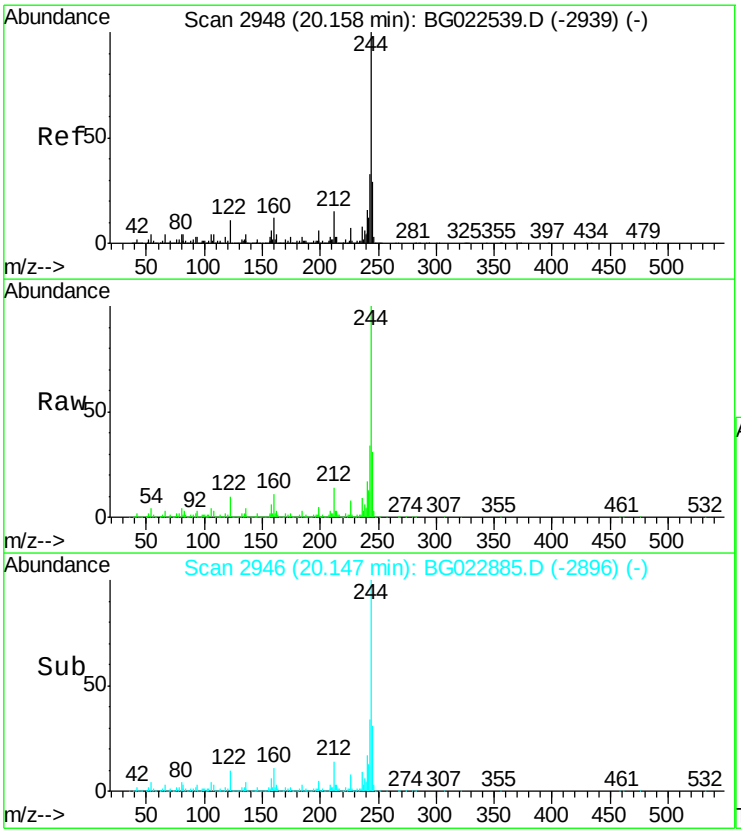
#76
Benzidine
Concen: 277.39 ng
RT: 19.78 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion:184 Resp: 2999628

Ion	Ratio	Lower	Upper
184	100		
185	19.8	12.6	19.0#
183	18.0	10.7	16.1#

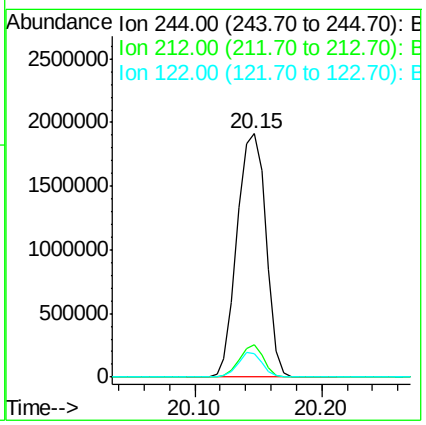


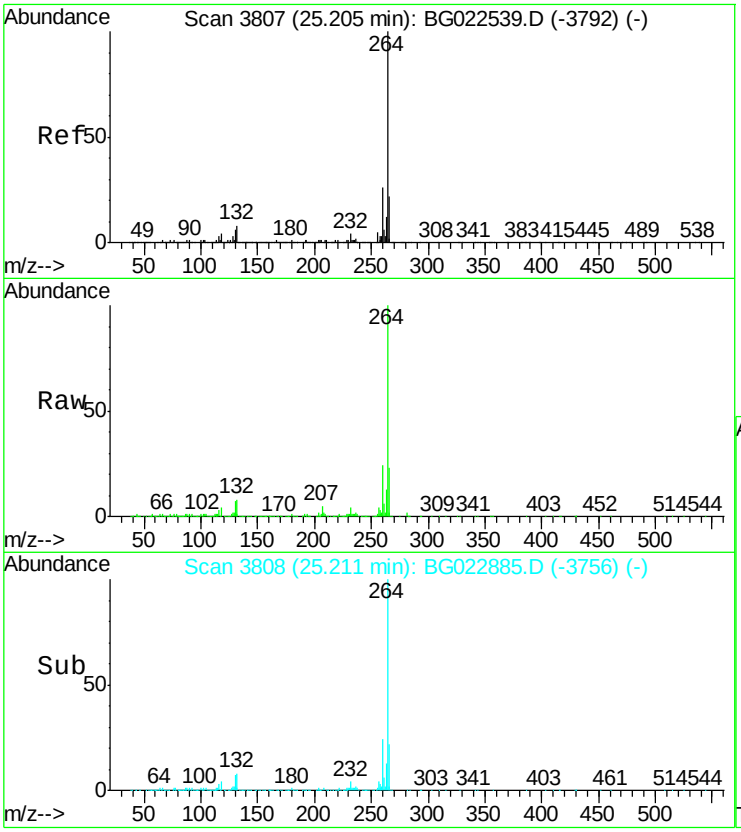


#78
Terphenyl-d14
Concen: 78.79 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Tgt Ion:244 Resp: 3020693

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	9.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022885.D
Acq: 6 Jul 2016 20:45

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916

Tgt Ion:264 Resp: 1036381

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	22.5	18.9	28.3