Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022592.D
Acq On : 26 Jun 2016 2:46
Operator : UM/SJ
Sample : H3701-10
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP-B2B

Quant Time: Jun 26 06:50:29 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	8.16	152	144148	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	600128	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	430858	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1160677	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1304184	20.00	ng		0.00
86) Perylene-d12	25.21	264	1232356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1109891	123.50	ng		0.00
7) Phenol-d6	7.31	99	1536868	121.32	ng		0.00
23) Nitrobenzene-d5	9.34	82	1241698	87.57	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	958108	141.38	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2229634	82.07	ng		0.00
78) Terphenyl-d14	20.15	244	3393739	68.94	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.04	128	287191	9.52	ng		98
32) Benzoic acid	10.19	122	81	5.12	ng	#	34
33) 4-Chloroaniline	11.03	127	38761	2.98	ng	#	32

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

Quantitation Report (Not Reviewed)

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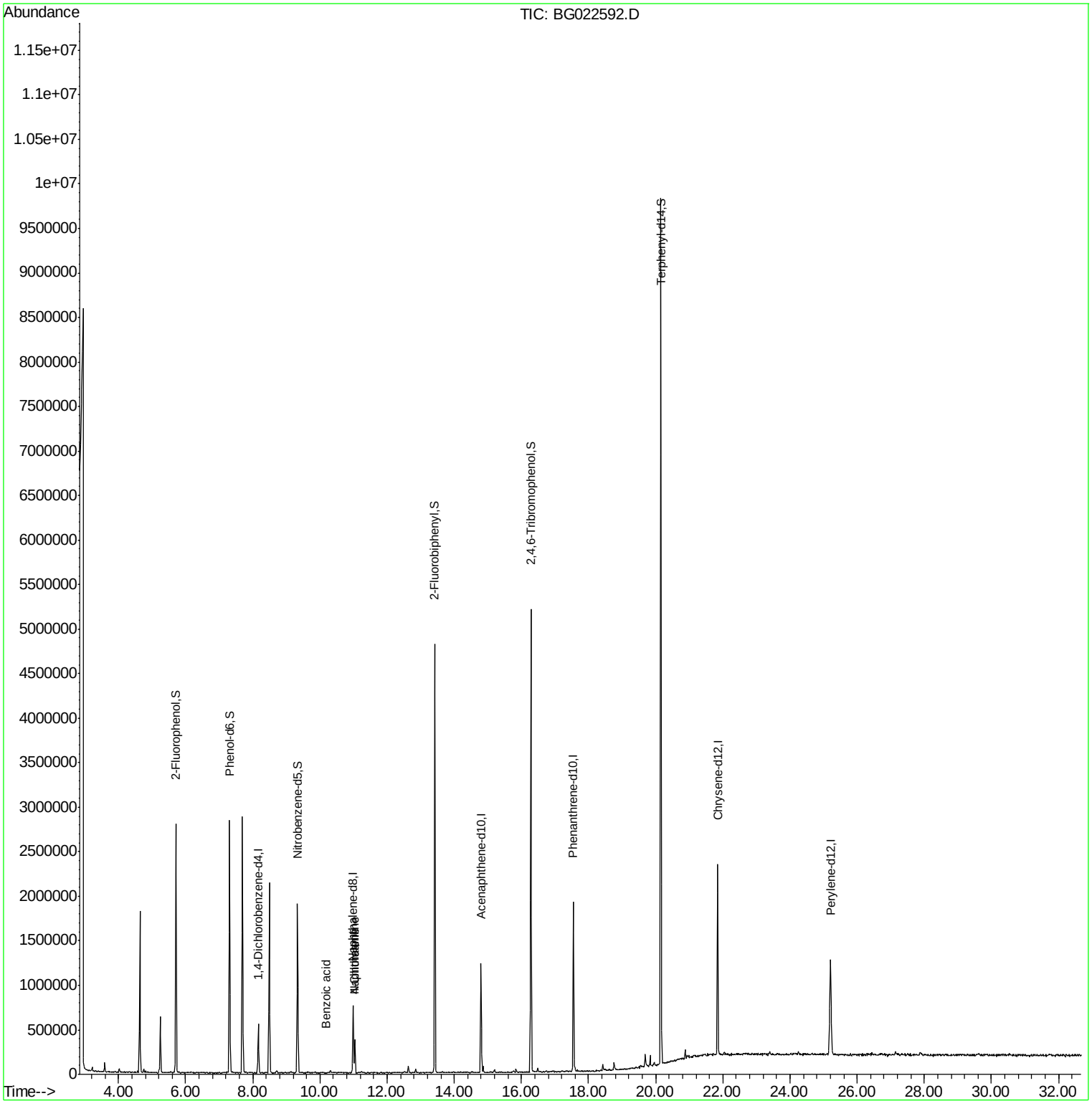
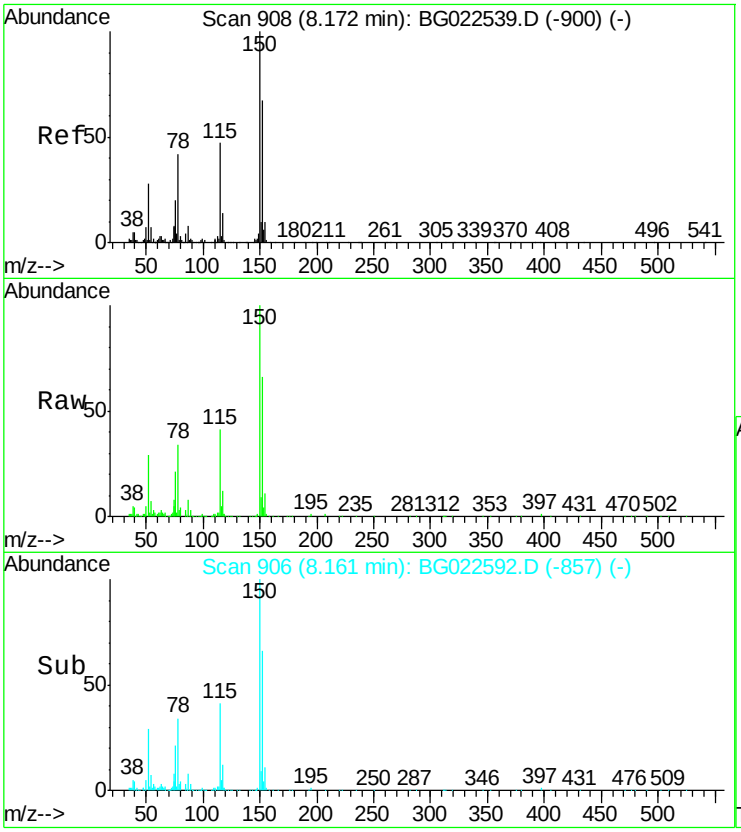


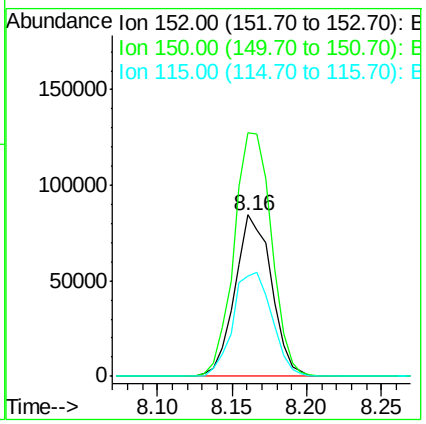


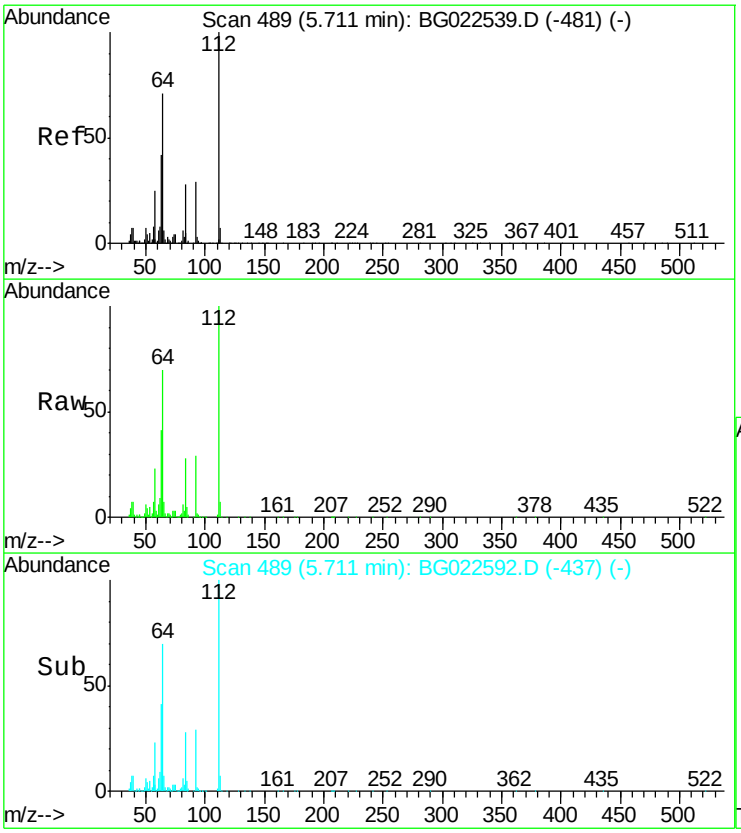
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion:152 Resp: 144148

Ion	Ratio	Lower	Upper
152	100		
150	151.0	144.7	217.1
115	62.4	64.0	96.0#

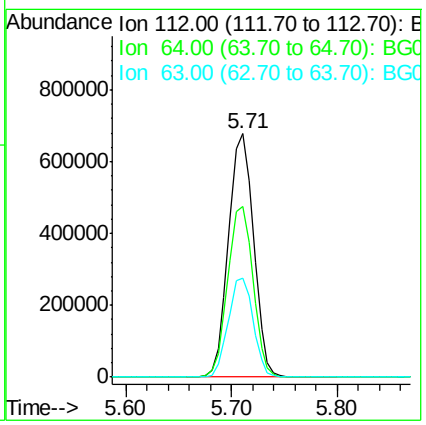


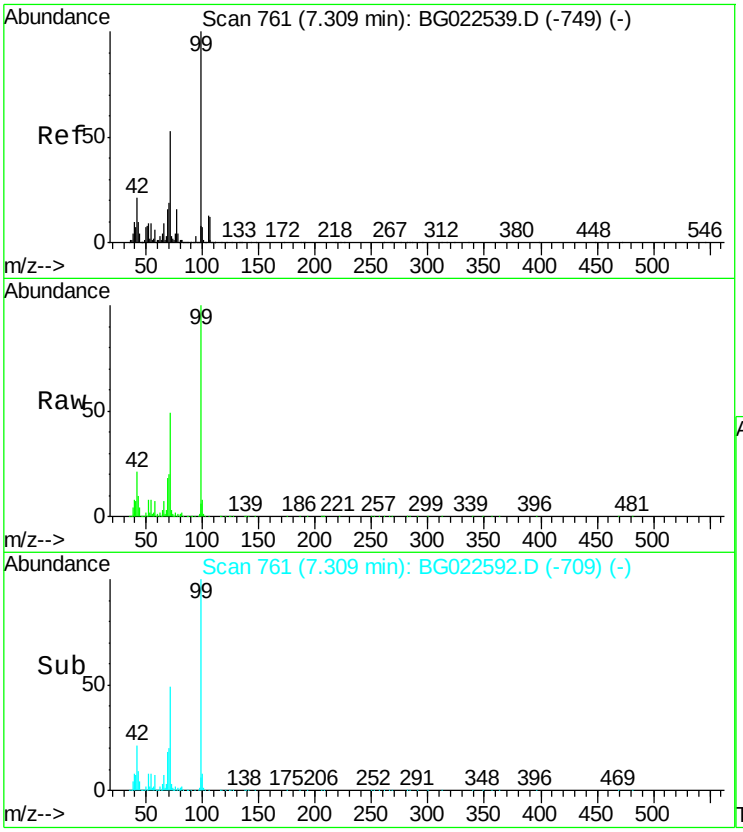


#5
2-Fluorophenol
Concen: 123.50 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:112 Resp: 1109891

Ion	Ratio	Lower	Upper
112	100		
64	70.0	59.0	88.4
63	40.5	37.8	56.8



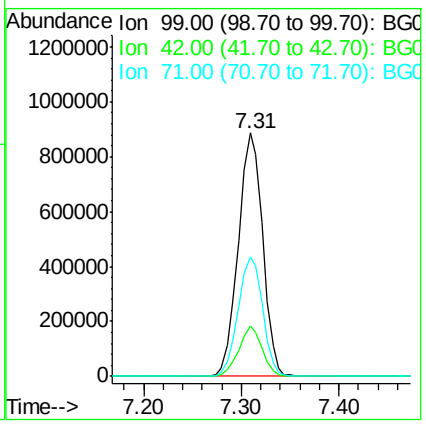


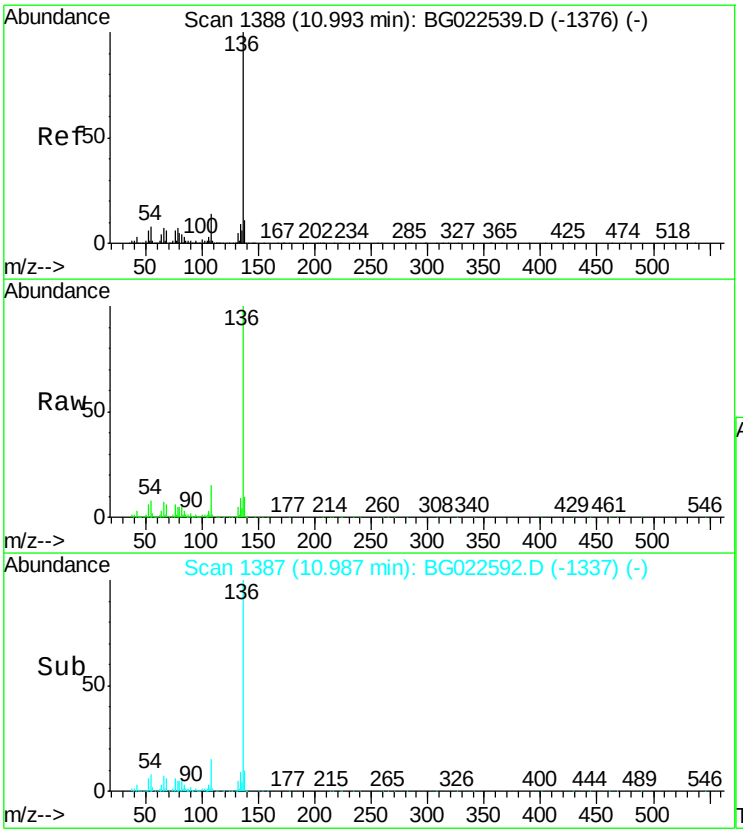
#7
Phenol-d6
Concen: 121.32 ng
RT: 7.31 min Scan# 761
Delta R.T. 0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion: 99 Resp: 1536868

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	49.3	41.5	62.3

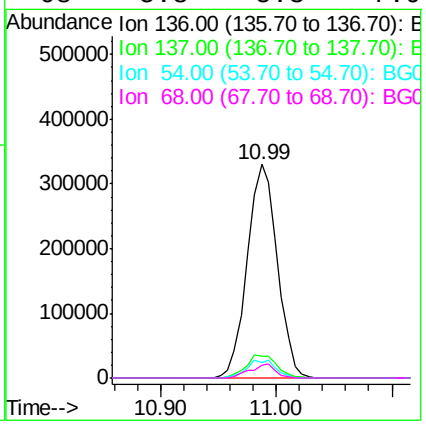


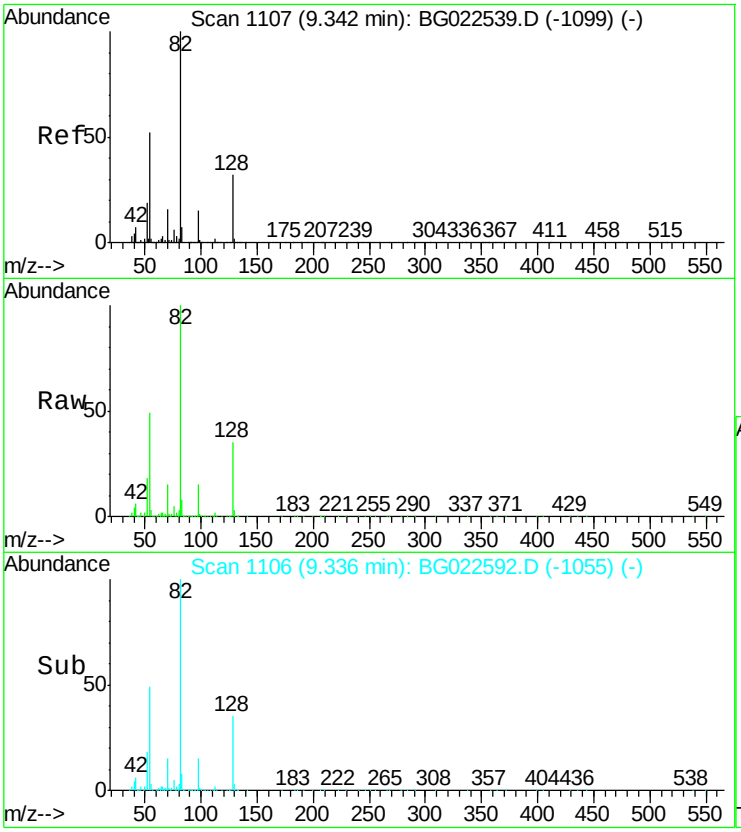


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:136 Resp: 600128

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	7.5	7.3	10.9
68	5.8	5.3	7.9



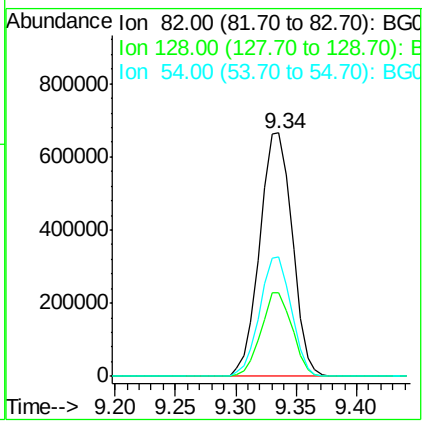


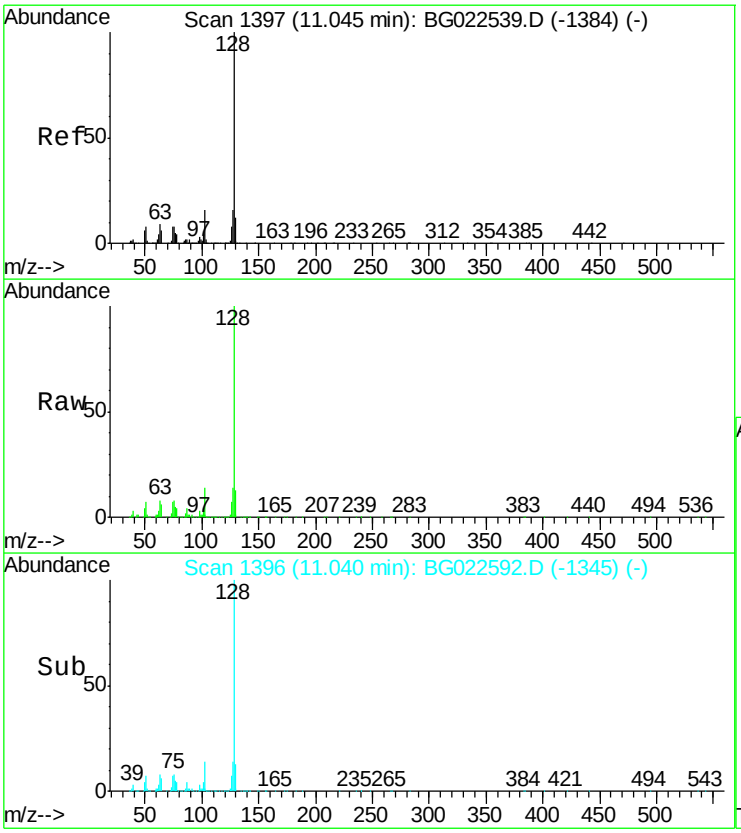
#23
Nitrobenzene-d5
Concen: 87.57 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion: 82 Resp: 1241698

Ion	Ratio	Lower	Upper
82	100		
128	34.6	24.4	36.6
54	49.1	41.4	62.0

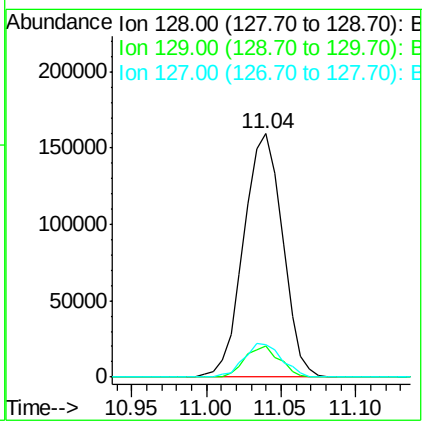


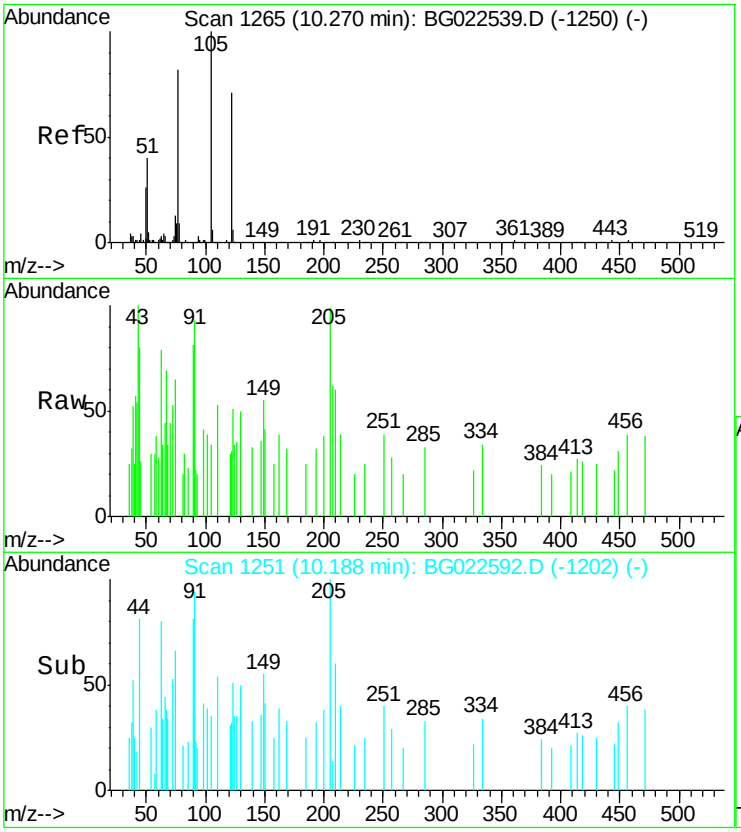


#31
Naphthalene
Concen: 9.52 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:128 Resp: 287191

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.0
127	13.5	11.3	16.9



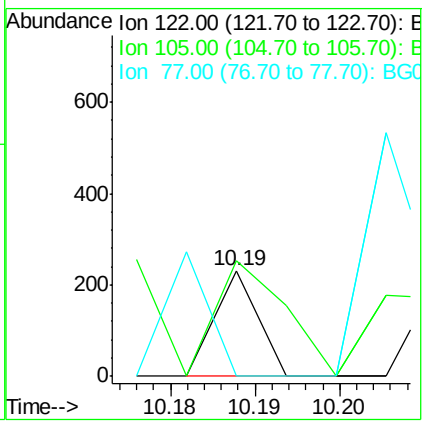


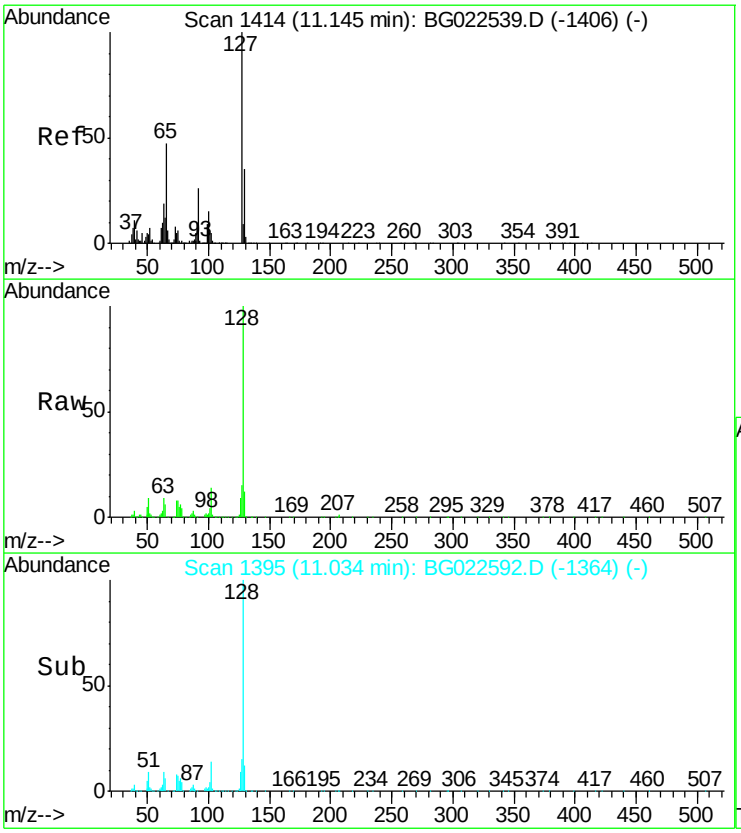
#32
Benzoic acid
Concen: 5.12 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion:122 Resp: 81

Ion	Ratio	Lower	Upper
122	100		
105	110.0	117.2	157.2#
77	0.0	109.2	149.2#

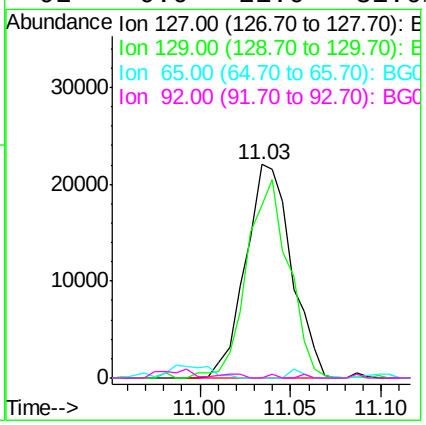


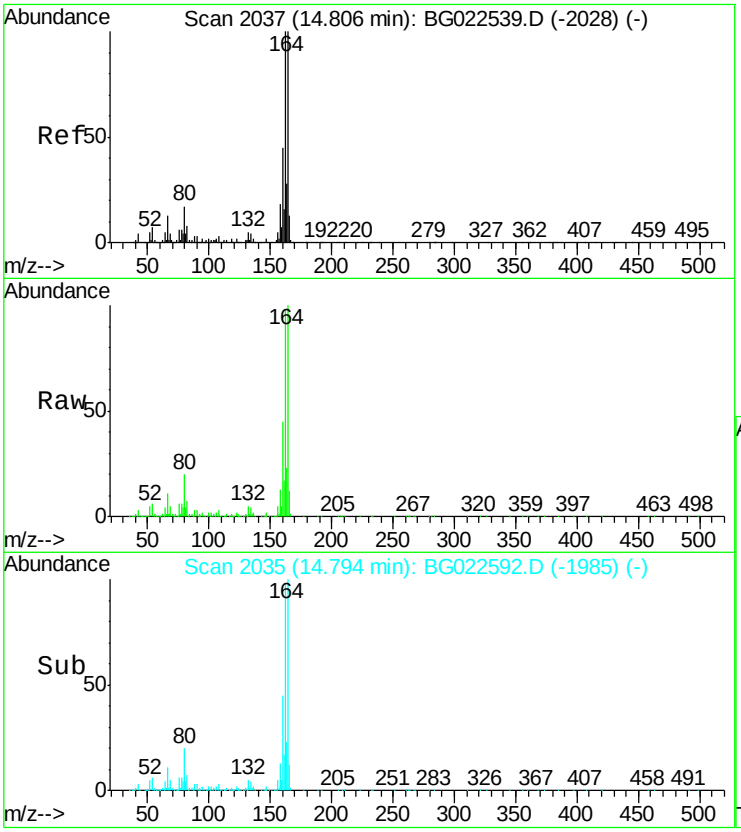


#33
4-Chloroaniline
Concen: 2.98 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.12 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:127 Resp: 38761

Ion	Ratio	Lower	Upper
127	100		
129	81.0	27.9	41.9#
65	0.0	36.8	55.2#
92	0.0	21.0	31.6#



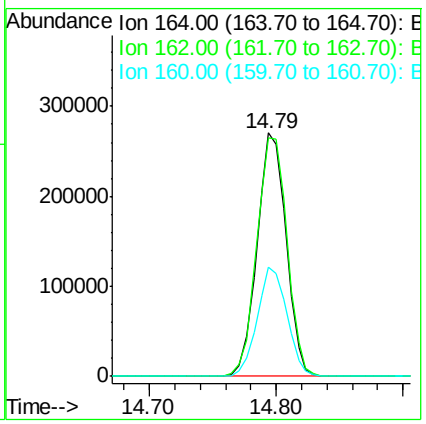


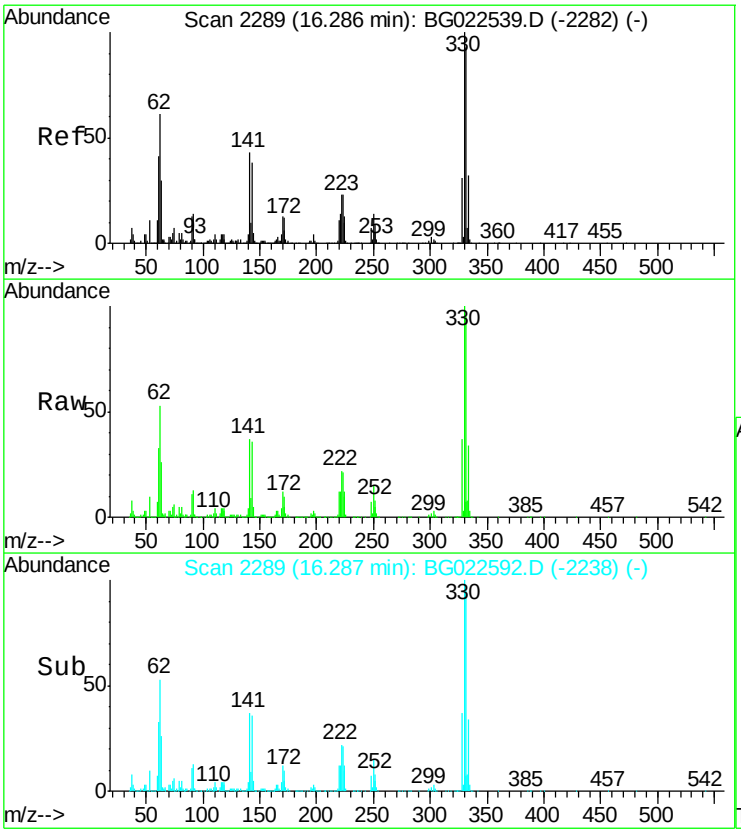
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion:164 Resp: 430858

Ion	Ratio	Lower	Upper
164	100		
162	98.0	87.7	131.5
160	45.1	37.2	55.8

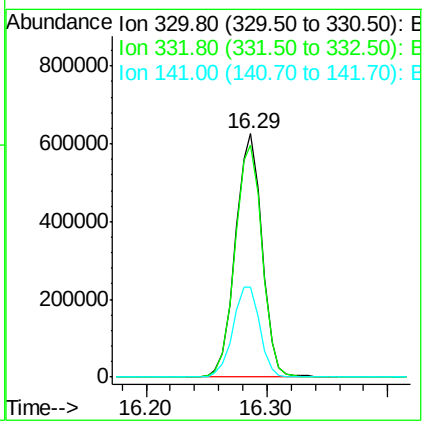


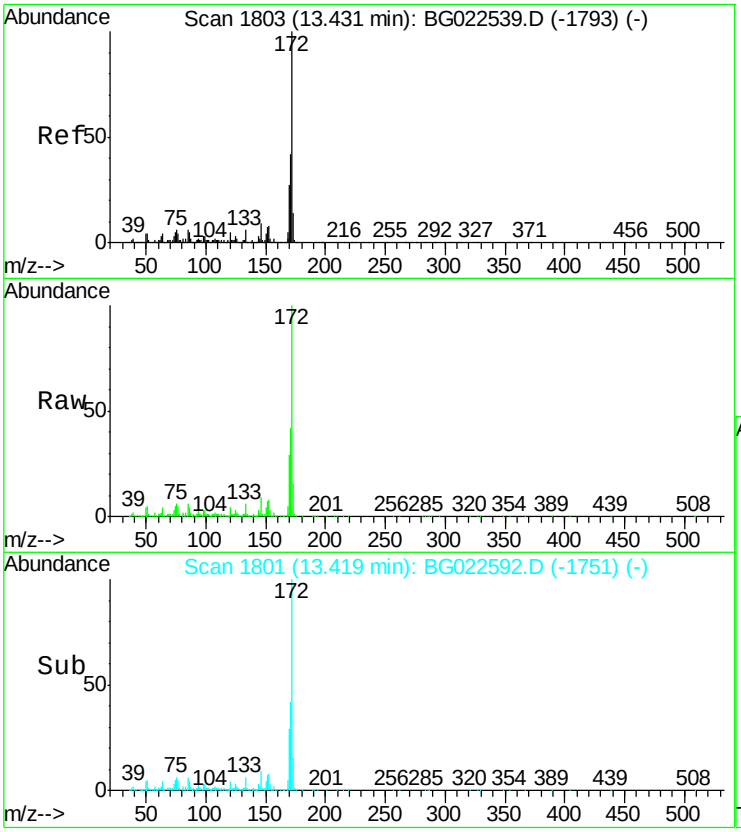


#41
2,4,6-Tribromophenol
Concen: 141.38 ng
RT: 16.29 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:330 Resp: 958108

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	37.7	31.7	47.5



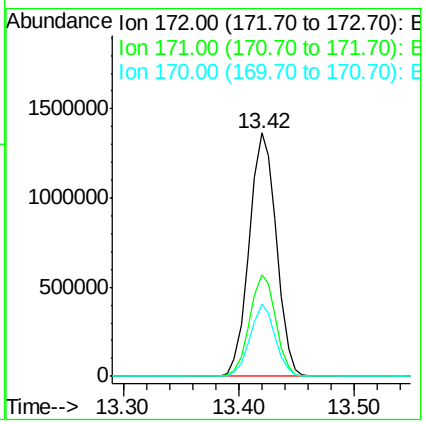


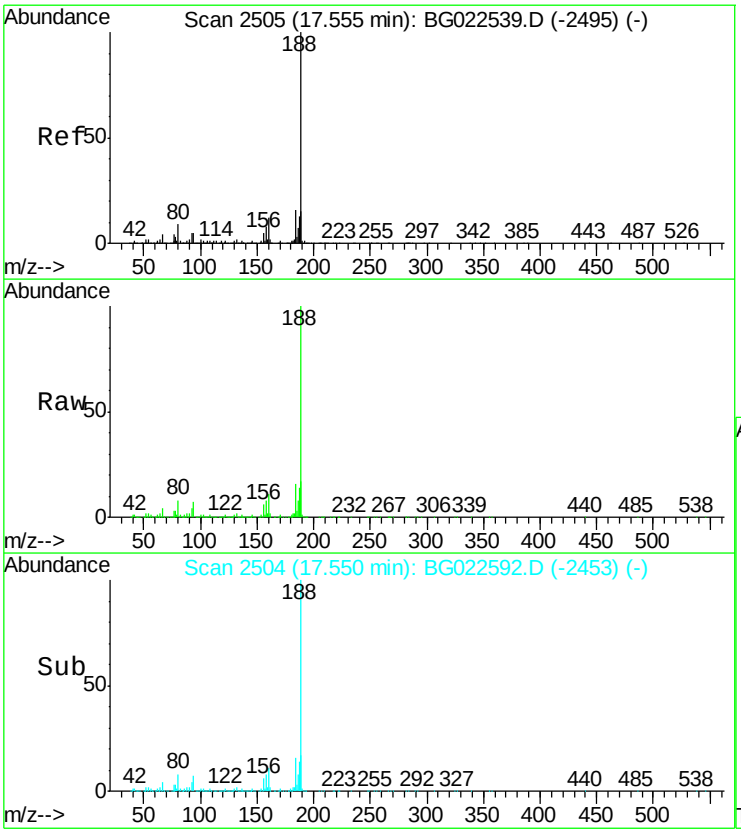
#44
2-Fluorobiphenyl
Concen: 82.07 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion:172 Resp: 2229634

Ion	Ratio	Lower	Upper
172	100		
171	41.9	31.6	47.4
170	29.4	21.3	31.9

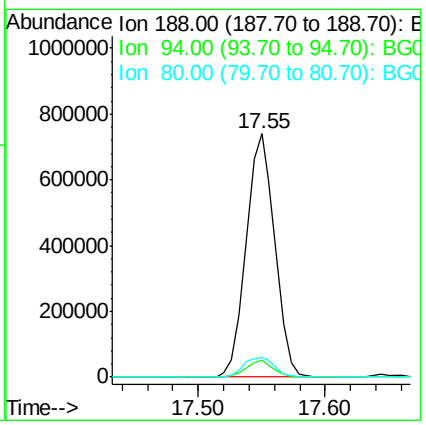


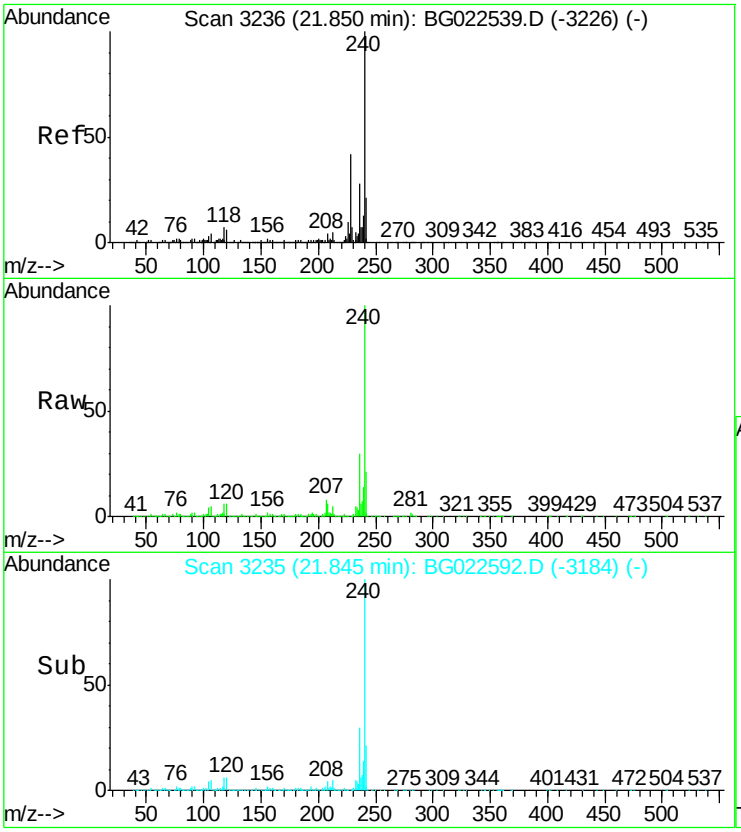


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:188 Resp: 1160677

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.2	7.8
80	8.0	7.2	10.8



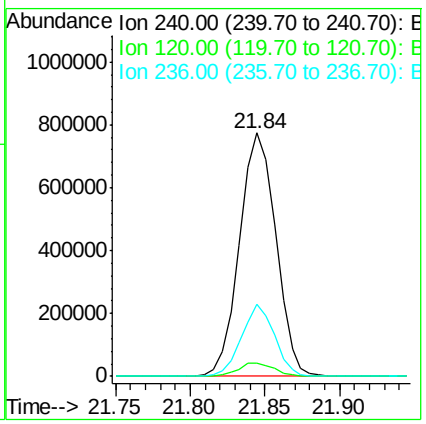


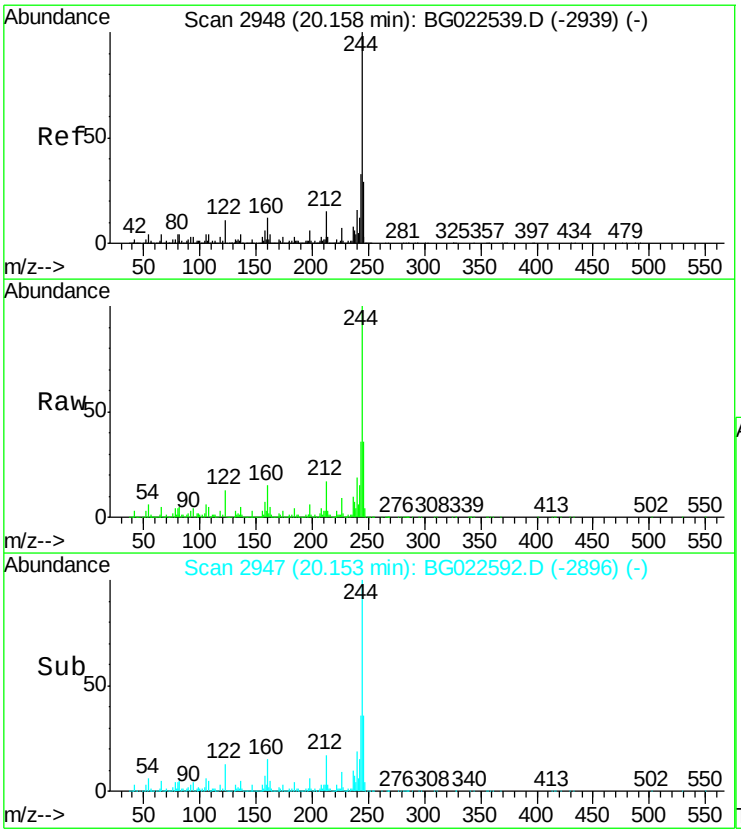
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion:240 Resp: 1304184

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.1	6.1
236	29.5	21.1	31.7

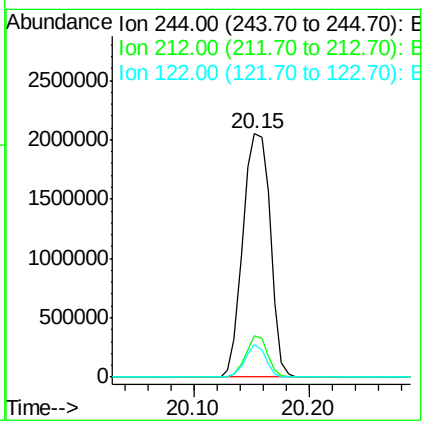


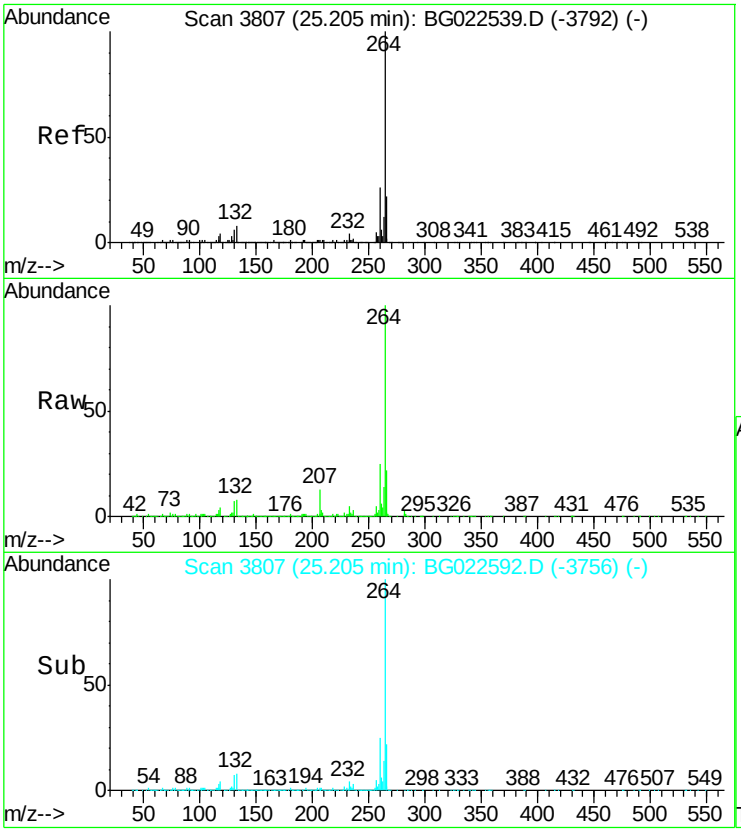


#78
Terphenyl-d14
Concen: 68.94 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Tgt Ion:244 Resp: 3393739

Ion	Ratio	Lower	Upper
244	100		
212	16.8	10.8	16.2#
122	13.4	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022592.D
Acq: 26 Jun 2016 2:46

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2B

Tgt Ion:264 Resp: 1232356

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.3	18.9	28.3