Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Time: Jun 20 01:26:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38856	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	191698	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	100622	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	187408	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	148596	20.00	ng		-0.05
86) Perylene-d12	24.94	264	142118	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	191362	95.22	ng		-0.04
7) Phenol-d6	7.23	99	285761	90.44	ng		-0.02
23) Nitrobenzene-d5	9.22	82	164993	60.01	ng		-0.04
41) 2,4,6-Tribromophenol	16.17	330	70076	61.63	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	379987	57.55	ng		-0.04
78) Terphenyl-d14	20.02	244	322084	51.46	ng		-0.04
Target Compounds							Qvalue
18) Hexachloroethane	9.15	117	5104	4.71	ng	#	1
22) Acetophenone	8.84	105	20232	4.90	ng	#	50
31) Naphthalene	10.92	128	34314	3.59	ng	#	93
32) Benzoic acid	10.07	122	54	7.32	ng		87
49) Dimethylphthalate	14.13	163	54886	6.58	ng		99
70) Phenanthrene	17.47	178	30675	3.01	ng		98
74) Fluoranthene	19.47	202	97323	8.32	ng		96
77) Pyrene	19.83	202	88915	9.63	ng		99
80) Benzo(a)anthracene	21.67	228	47906	5.75	ng		95
82) Chrysene	21.67	228	47906	5.91	ng		97
85) Indeno(1,2,3-cd)pyrene	28.65	276	37721	4.15	ng	#	78
87) Benzo(b)fluoranthene	23.90	252	131438	15.86	ng	#	91
88) Benzo(k)fluoranthene	23.90	252	131438	16.11	ng	#	91
89) Benzo(a)pyrene	24.78	252	46315	5.84	ng	#	94
91) Benzo(g,h,i)perylene	29.81	276	32780	4.22	ng	#	85

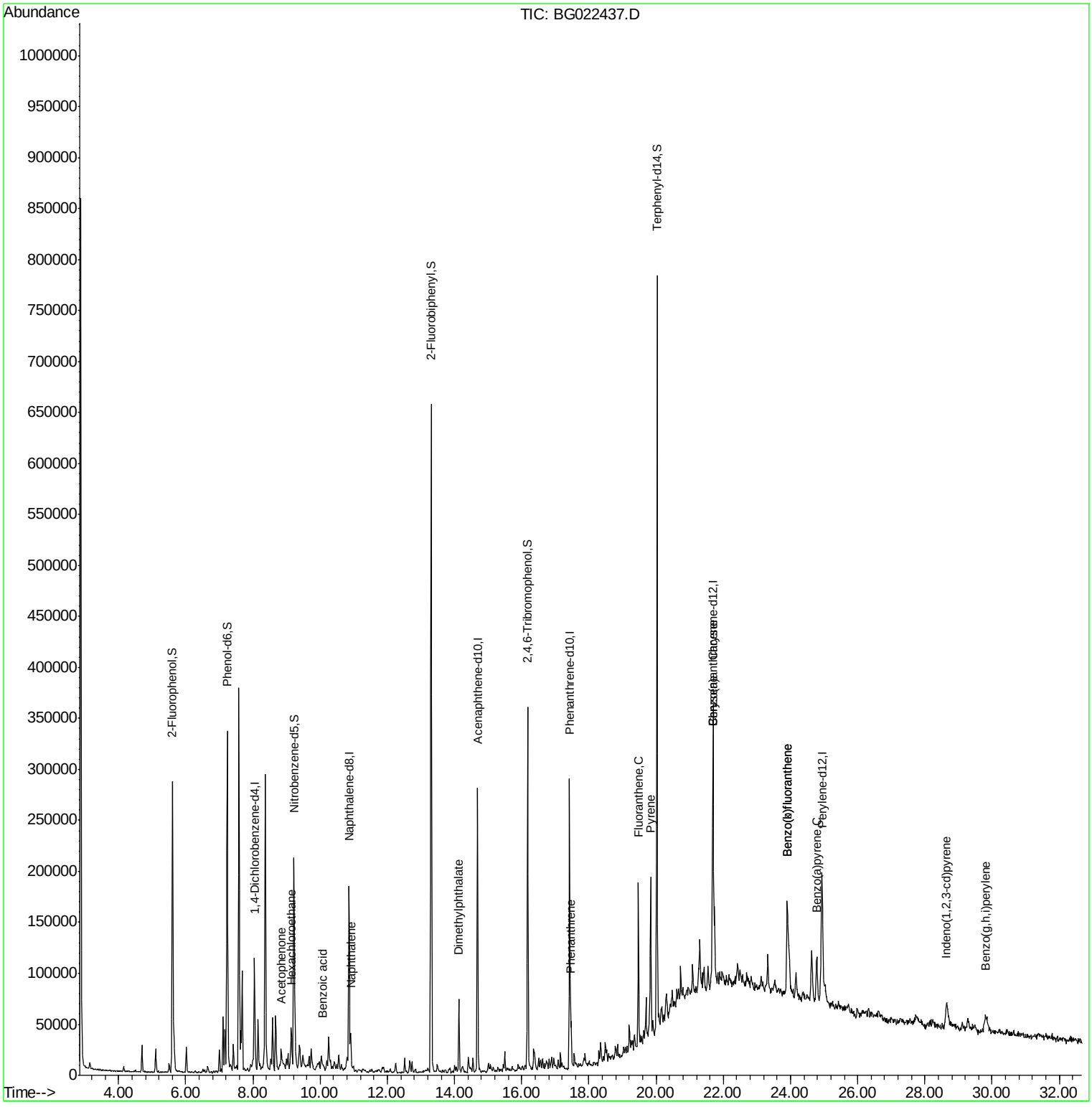
(#) = qualifier out of range (m) = manual integration (+) = signals summed

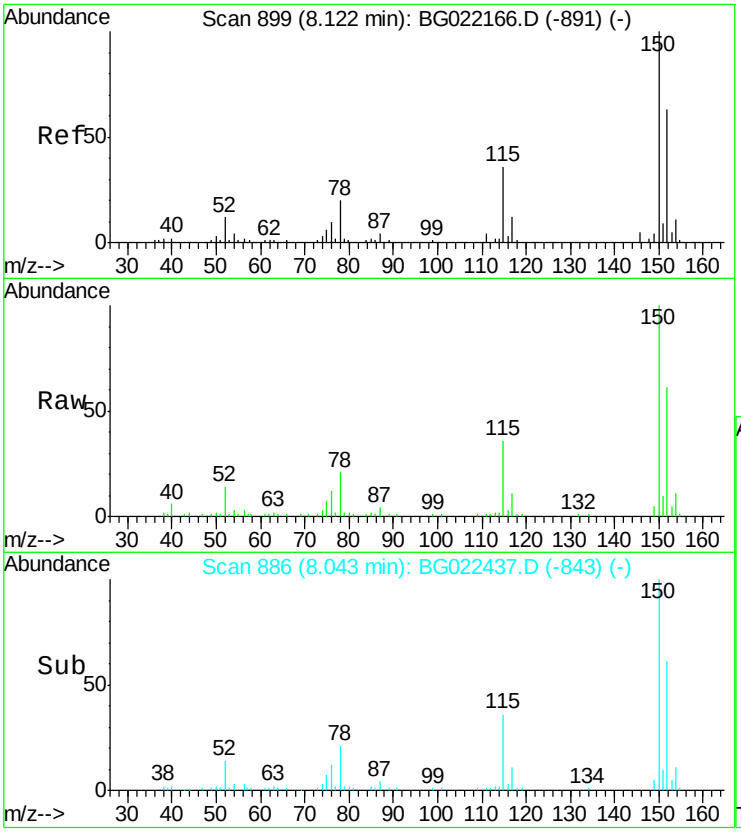
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Quant Time: Jun 20 01:26:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration



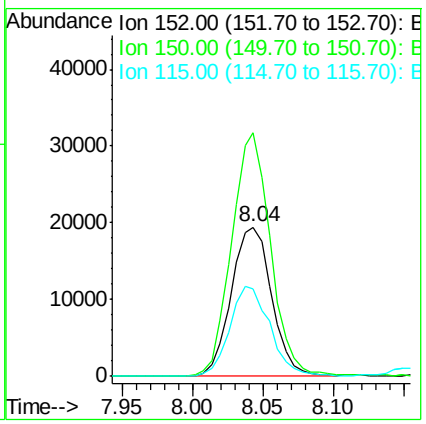


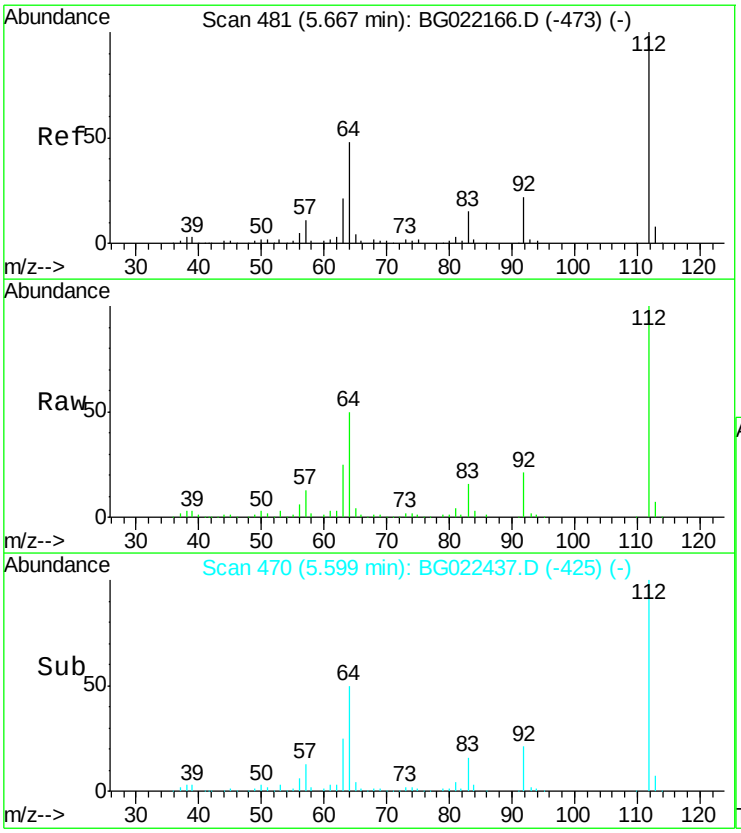
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:152 Resp: 38856

Ion	Ratio	Lower	Upper
152	100		
150	163.5	130.1	195.1
115	58.9	62.2	93.2#

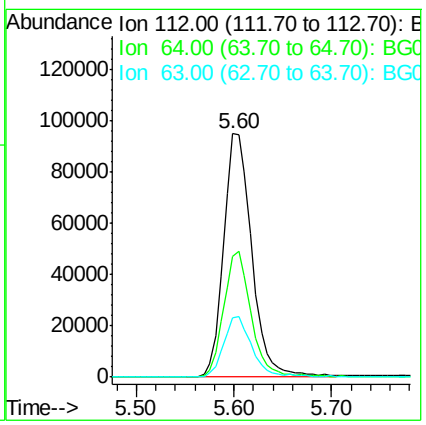


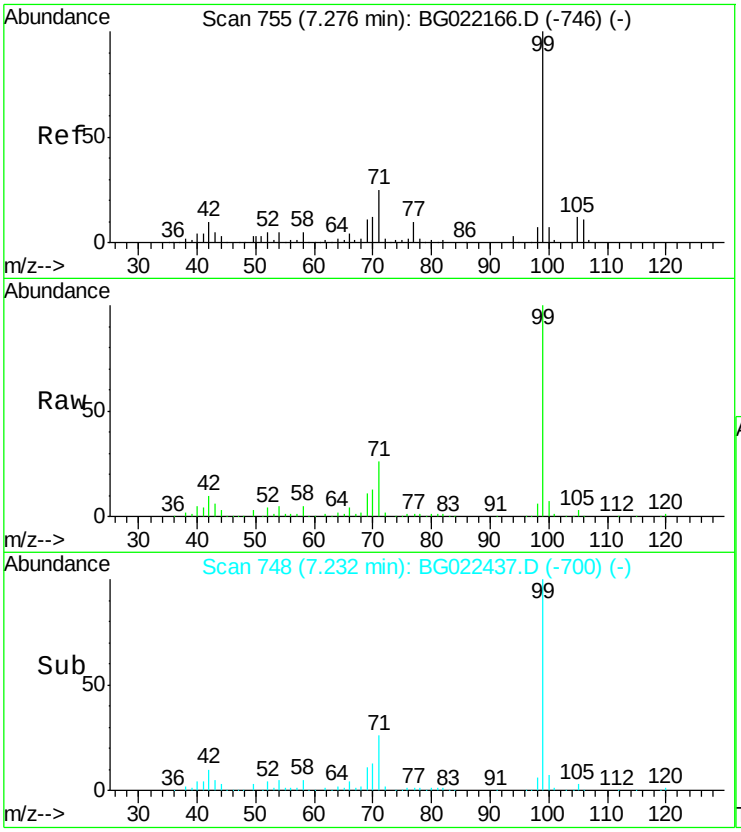


#5
2-Fluorophenol
Concen: 95.22 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:112 Resp: 191362

Ion	Ratio	Lower	Upper
112	100		
64	49.8	51.1	76.7#
63	24.6	24.6	37.0#



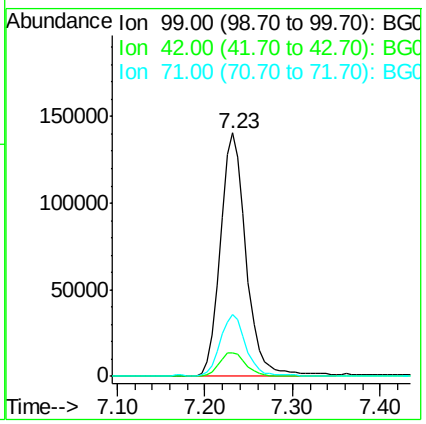


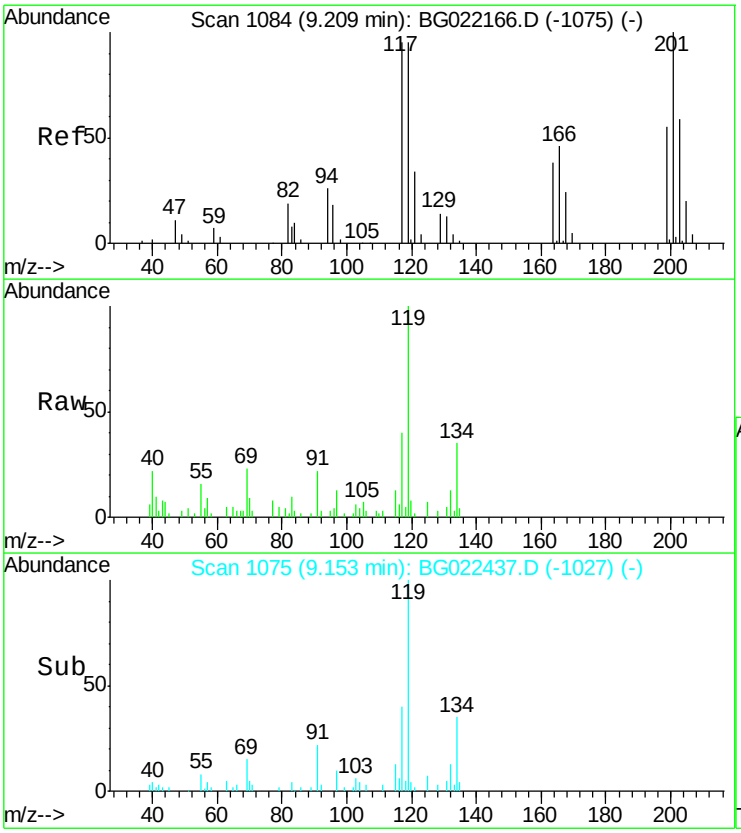
#7
Phenol-d6
Concen: 90.44 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.02 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion: 99 Resp: 285761

Ion	Ratio	Lower	Upper
99	100		
42	9.9	16.4	24.6#
71	25.6	25.0	37.4

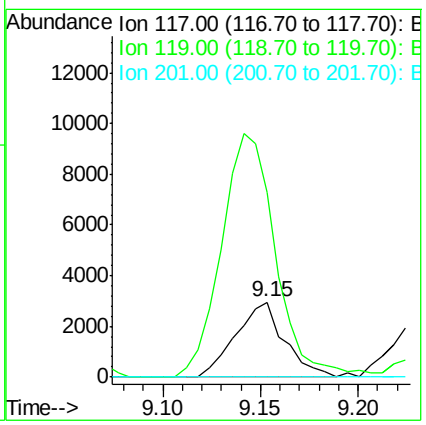


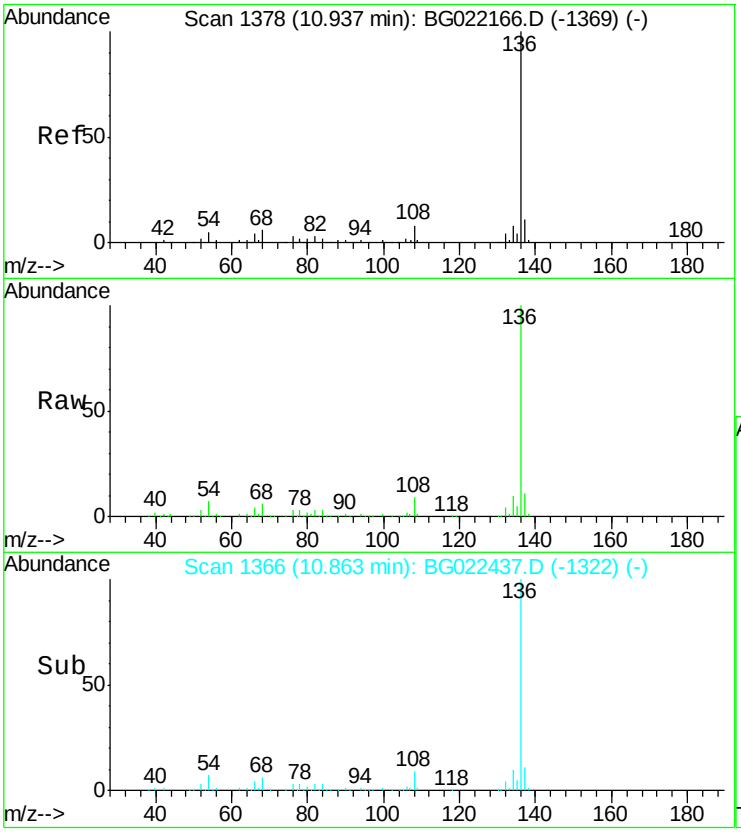


#18
Hexachloroethane
Concen: 4.71 ng
RT: 9.15 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:117 Resp: 5104

Ion	Ratio	Lower	Upper
117	100		
119	247.1	63.9	95.9#
201	0.0	61.2	91.8#



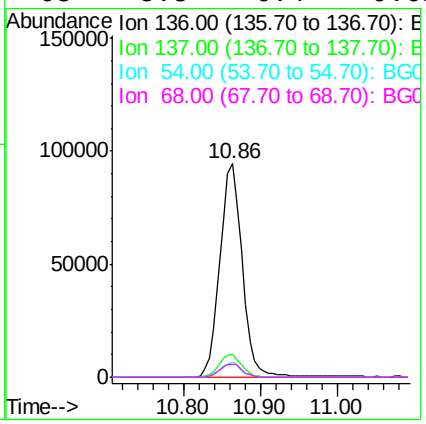


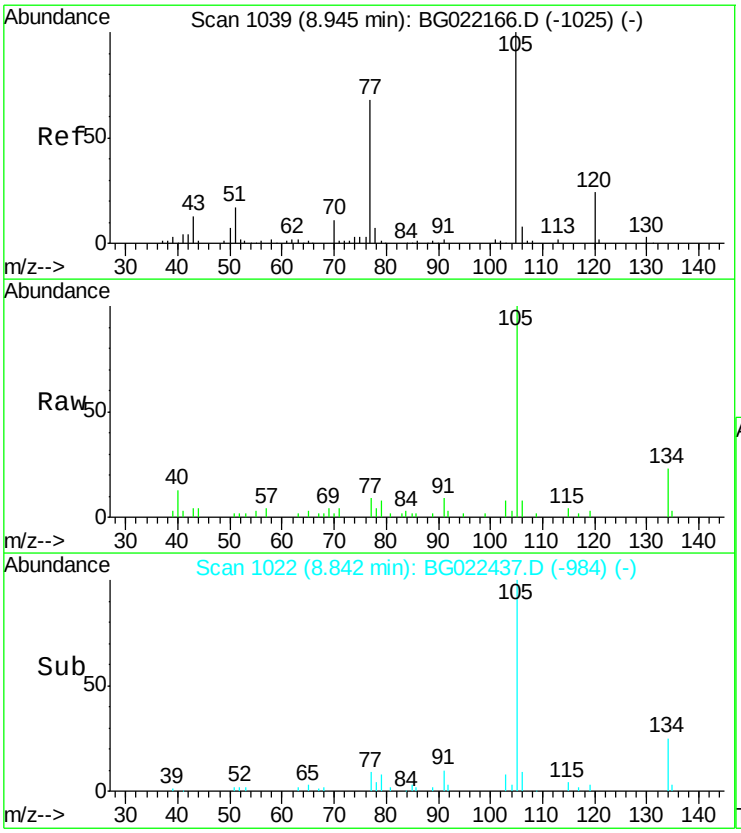
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:136 Resp: 191698

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.9	9.6	14.4#
68	5.8	6.4	9.6#

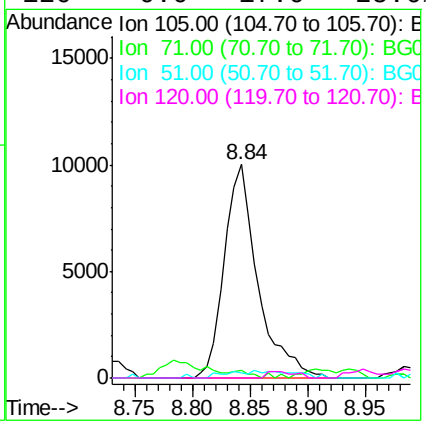


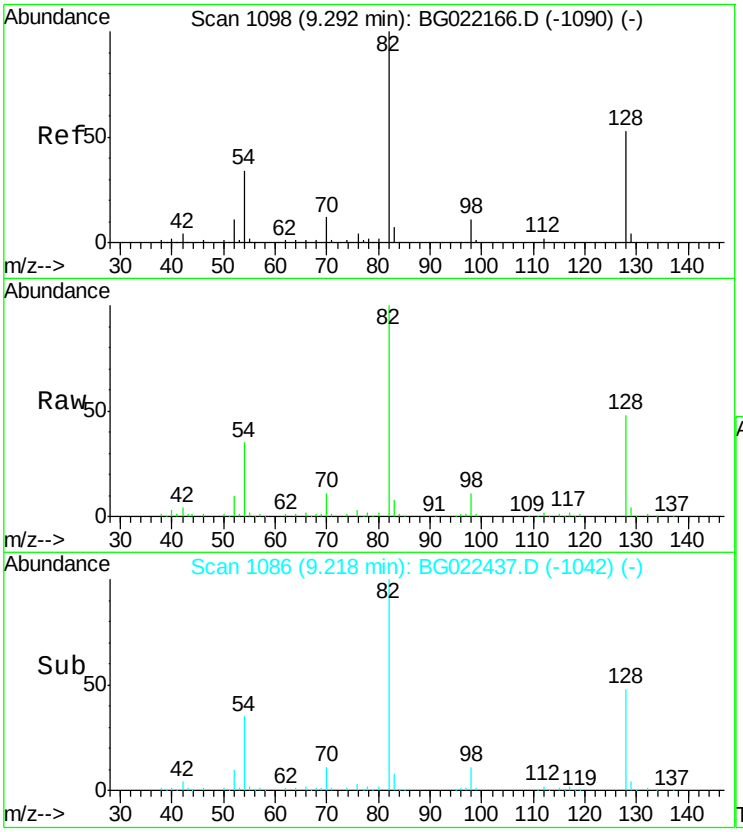


#22
Acetophenone
Concen: 4.90 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.08 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:105 Resp: 20232

Ion	Ratio	Lower	Upper
105	100		
71	3.8	0.0	0.0#
51	2.3	25.7	38.5#
120	0.0	17.0	25.6#



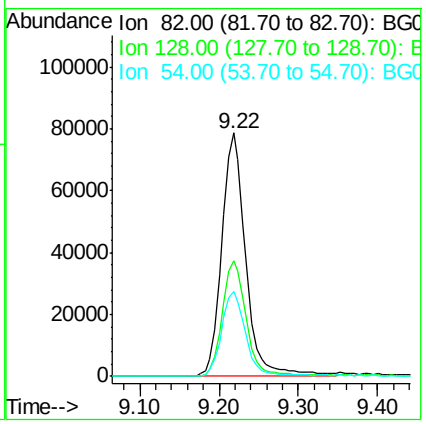


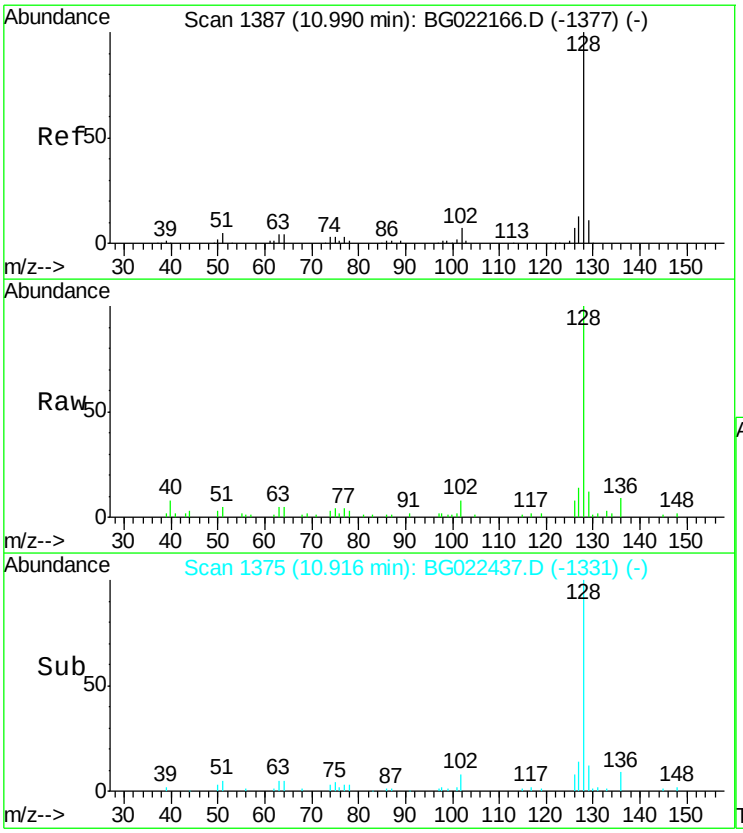
#23
Nitrobenzene-d5
Concen: 60.01 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion: 82 Resp: 164993

Ion	Ratio	Lower	Upper
82	100		
128	47.7	33.4	50.0
54	34.7	46.1	69.1#

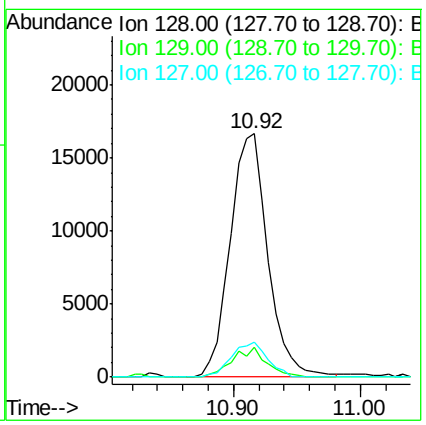


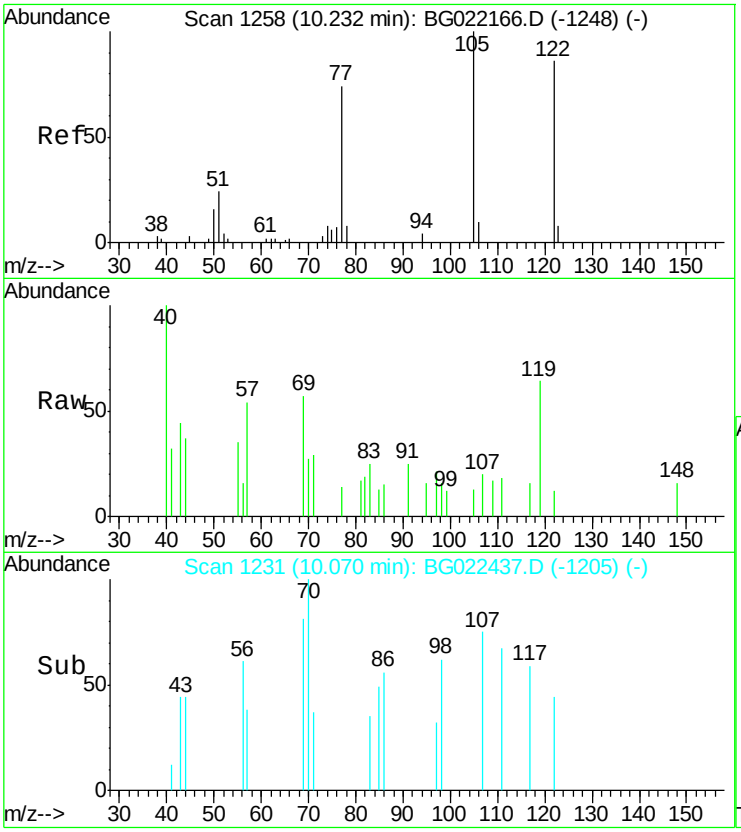


#31
Naphthalene
Concen: 3.59 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:128 Resp: 34314

Ion	Ratio	Lower	Upper
128	100		
129	12.3	7.0	10.6#
127	14.3	10.1	15.1



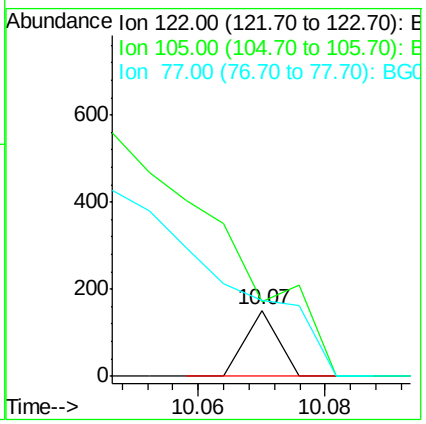


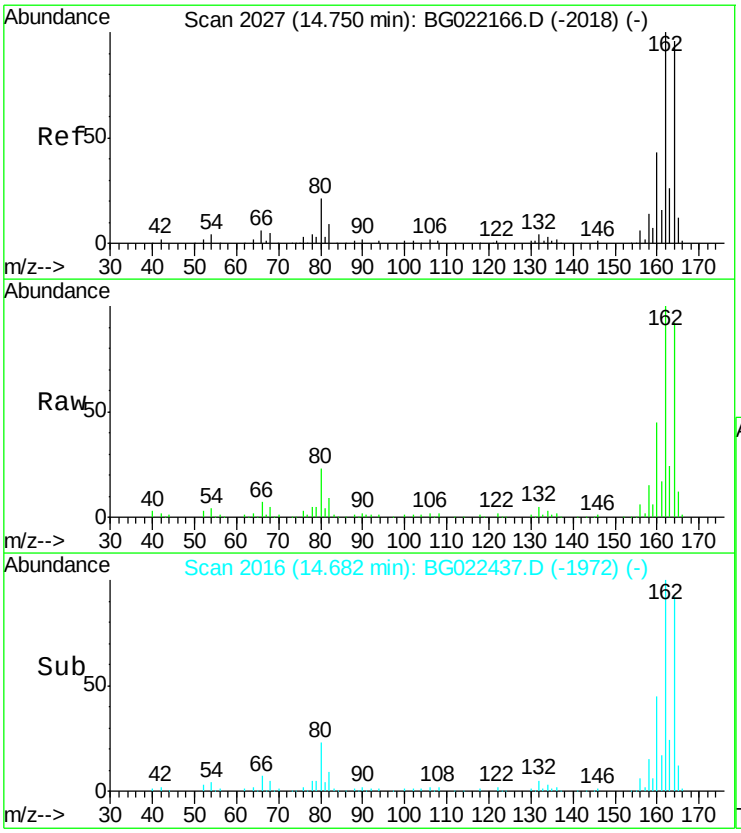
#32
Benzoic acid
Concen: 7.32 ng
RT: 10.07 min Scan# 1231
Delta R.T. -0.15 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	111.8	104.5	144.5
77	115.1	79.9	119.9

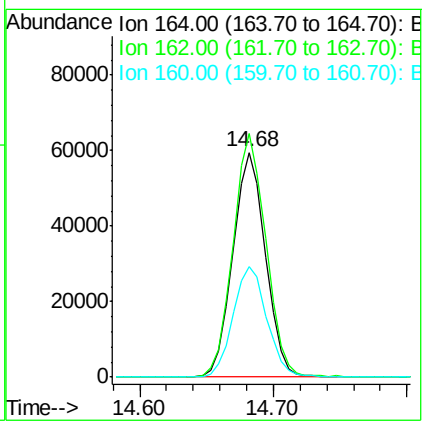


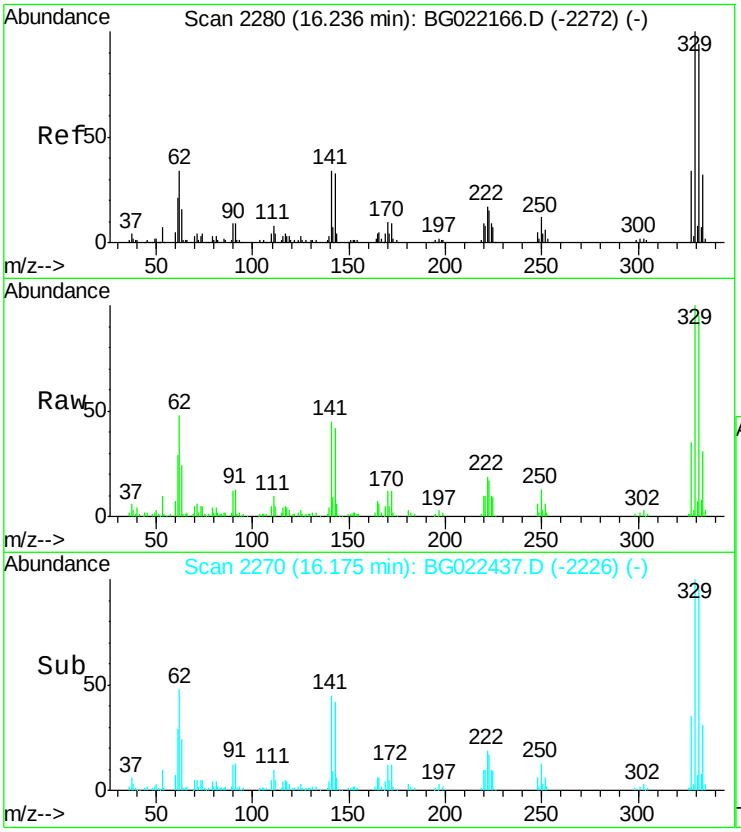


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:164 Resp: 100622

Ion	Ratio	Lower	Upper
164	100		
162	108.3	78.0	117.0
160	49.1	32.9	49.3



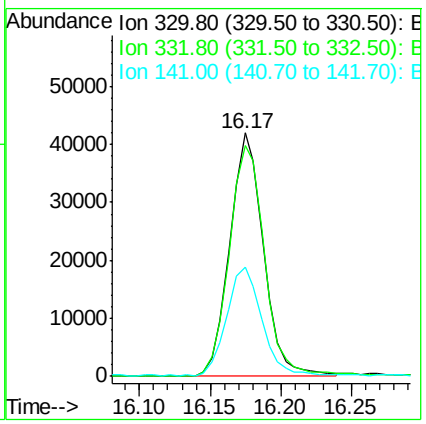


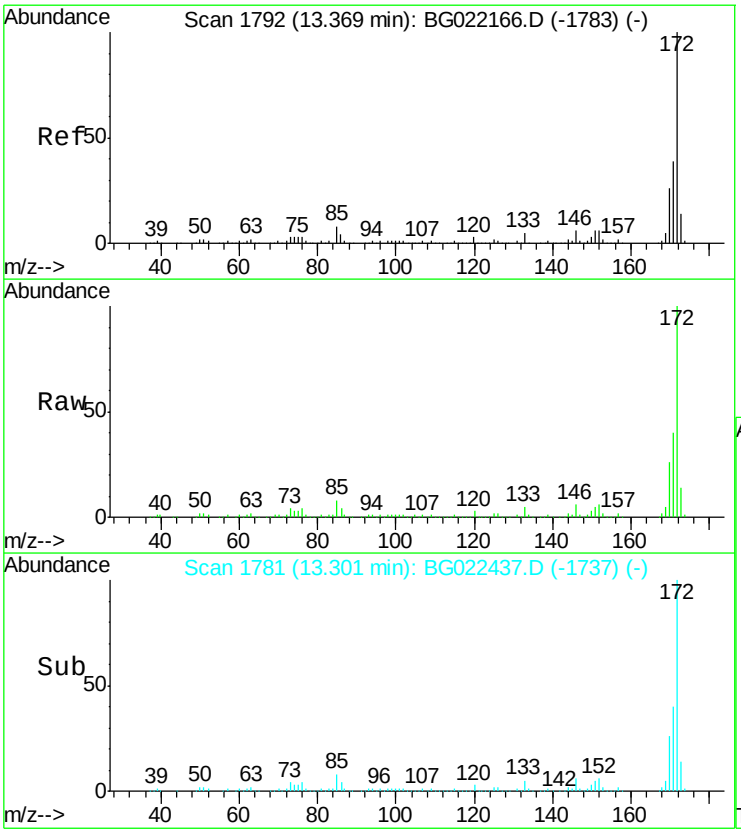
#41
2,4,6-Tribromophenol
Concen: 61.63 ng
RT: 16.17 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:330 Resp: 70076

Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.0	117.0
141	47.9	33.8	50.8

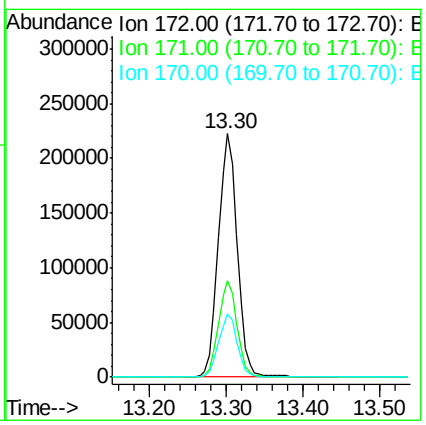


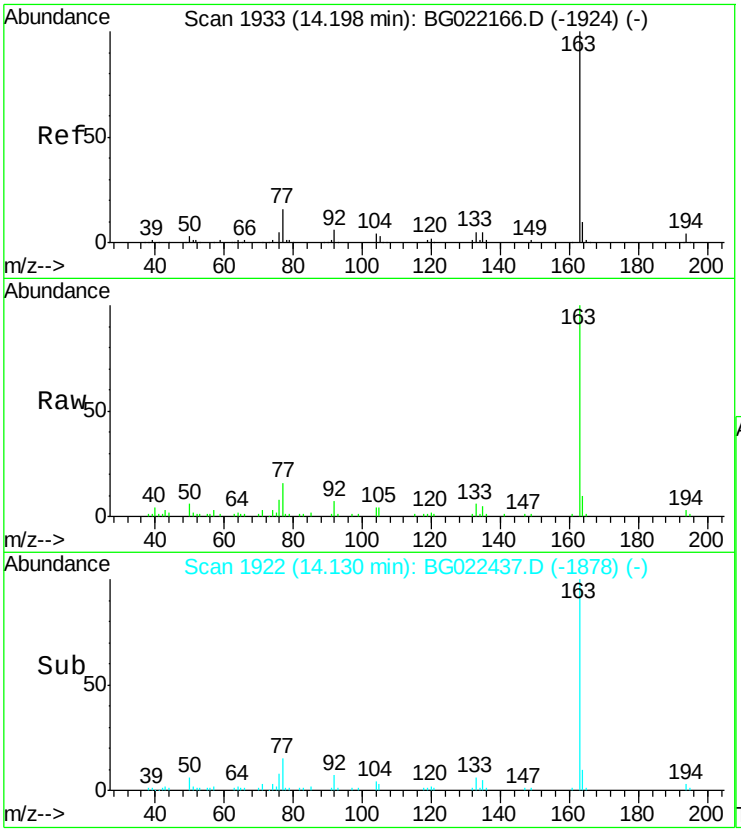


#44
2-Fluorobiphenyl
Concen: 57.55 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:172 Resp: 379987

Ion	Ratio	Lower	Upper
172	100		
171	39.6	27.8	41.6
170	25.8	19.6	29.4



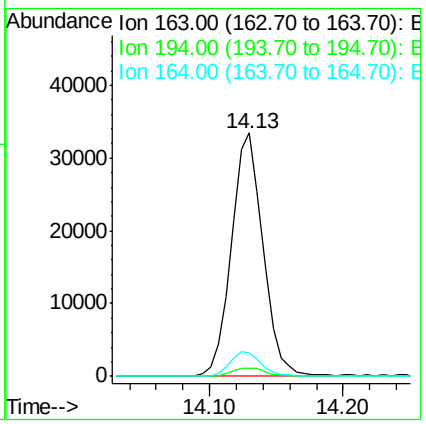


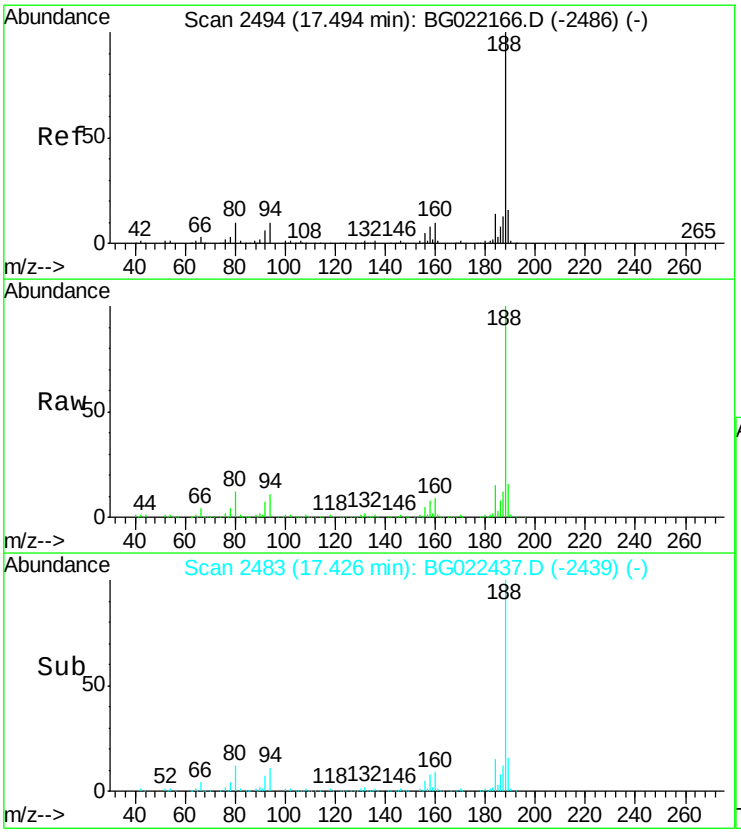
#49
Dimethylphthalate
Concen: 6.58 ng
RT: 14.13 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:163 Resp: 54886

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	9.7	8.1	12.1

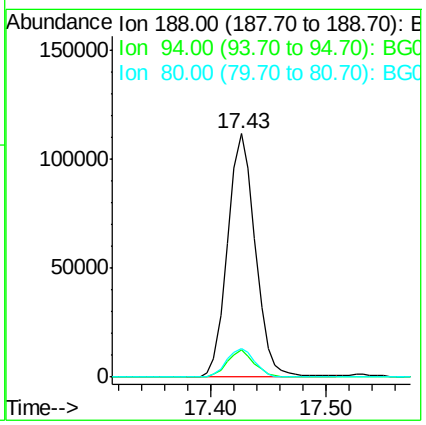


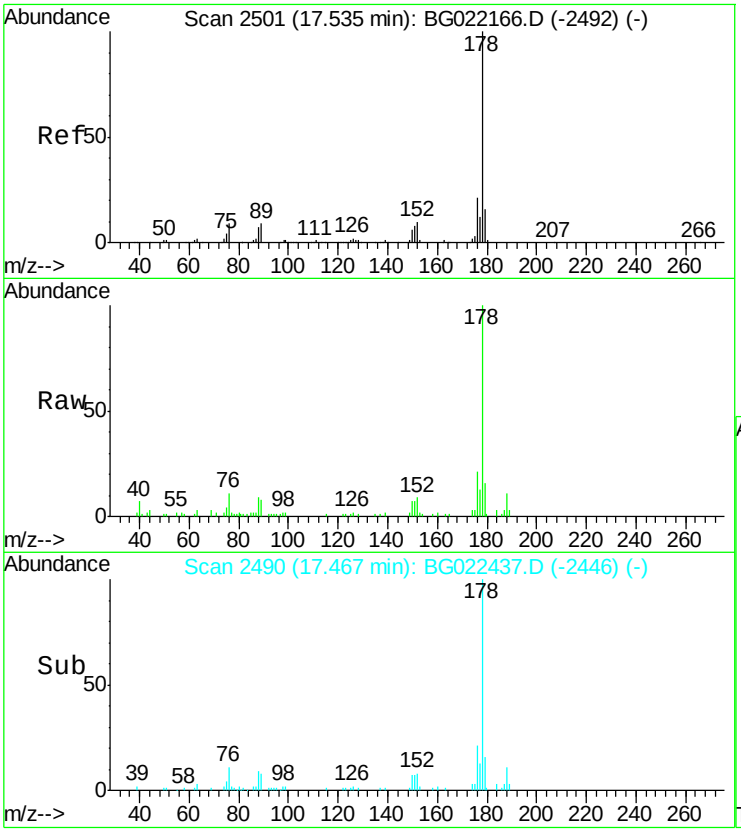


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:188 Resp: 187408

Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.5	11.3
80	11.9	8.6	13.0



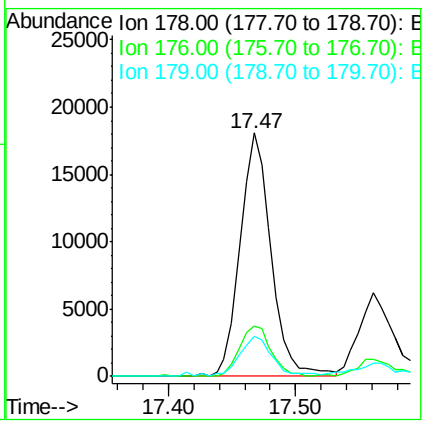


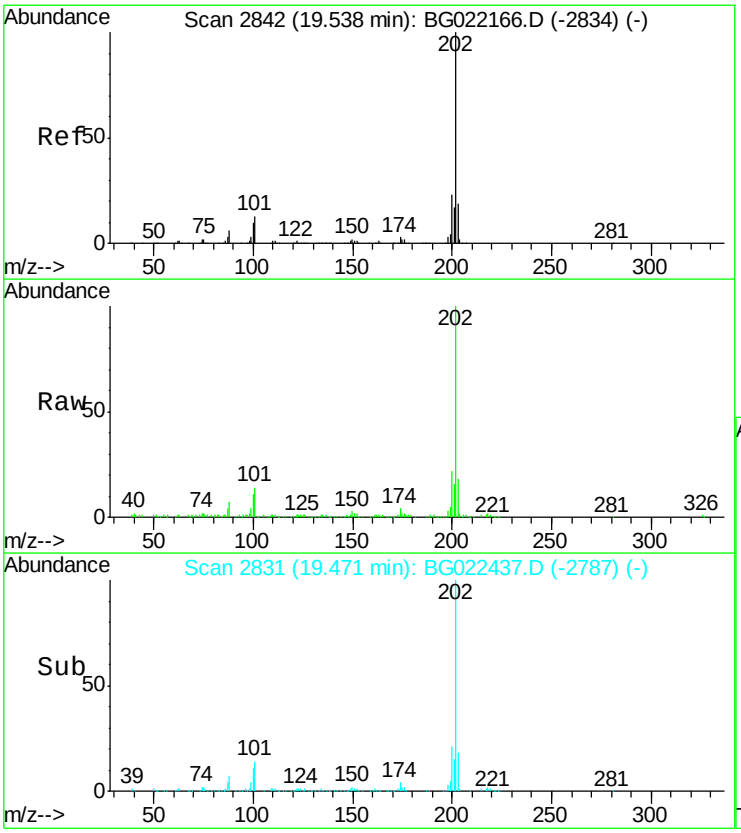
#70
Phenanthrene
Concen: 3.01 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:178 Resp: 30675

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.4	12.0	18.0

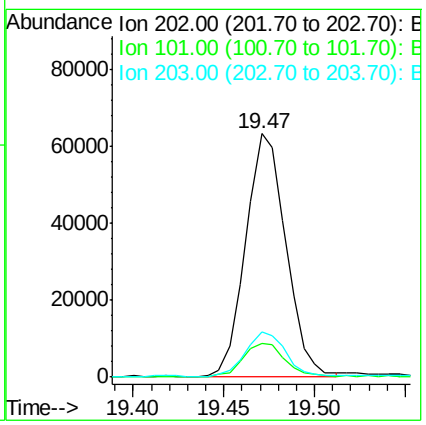


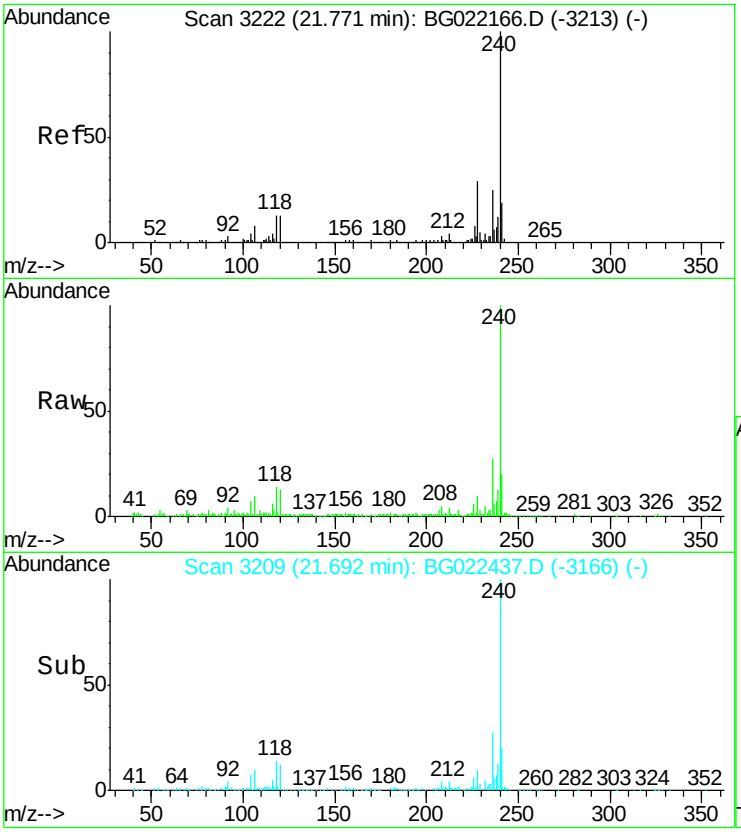


#74
Fluoranthene
Concen: 8.32 ng
RT: 19.47 min Scan# 2831
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:202 Resp: 97323

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	31.0
203	18.4	0.0	37.9



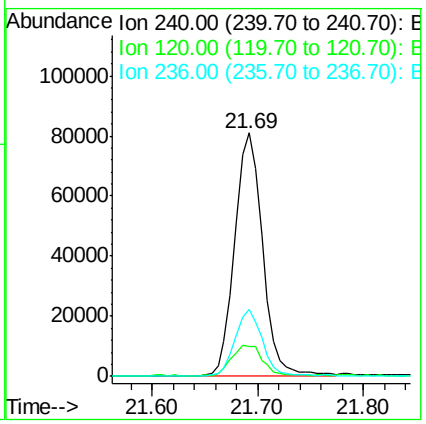


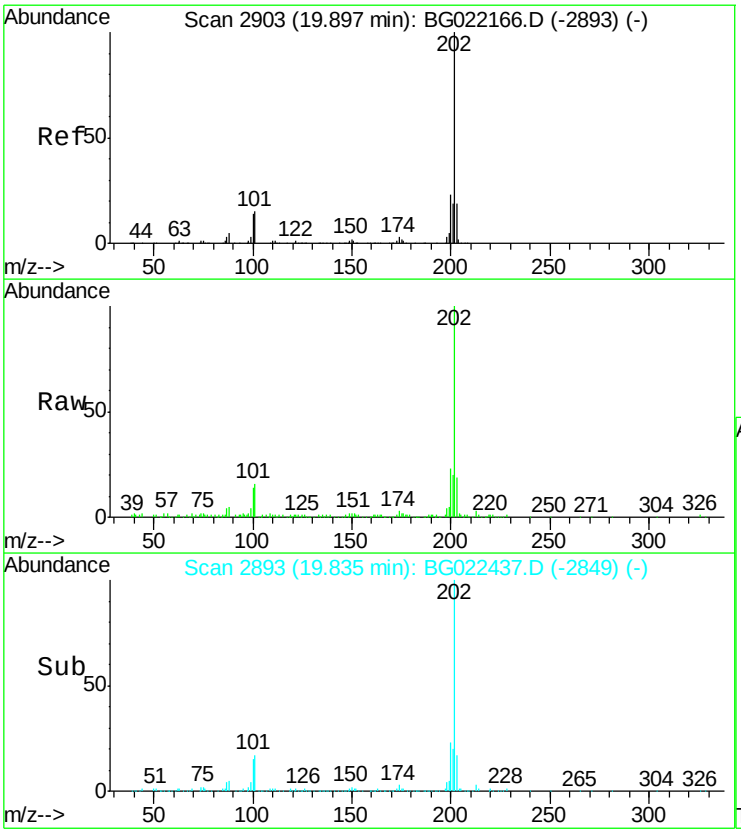
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3209
Delta R.T. -0.05 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:240 Resp: 148596

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.4	12.6
236	27.3	19.6	29.4

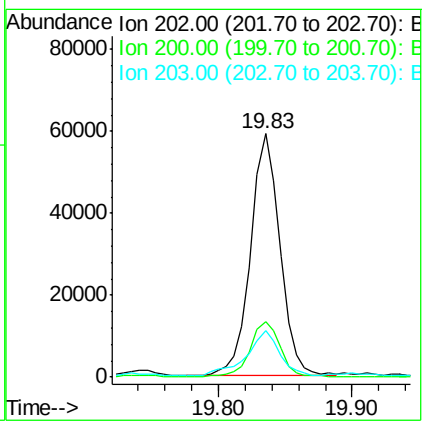


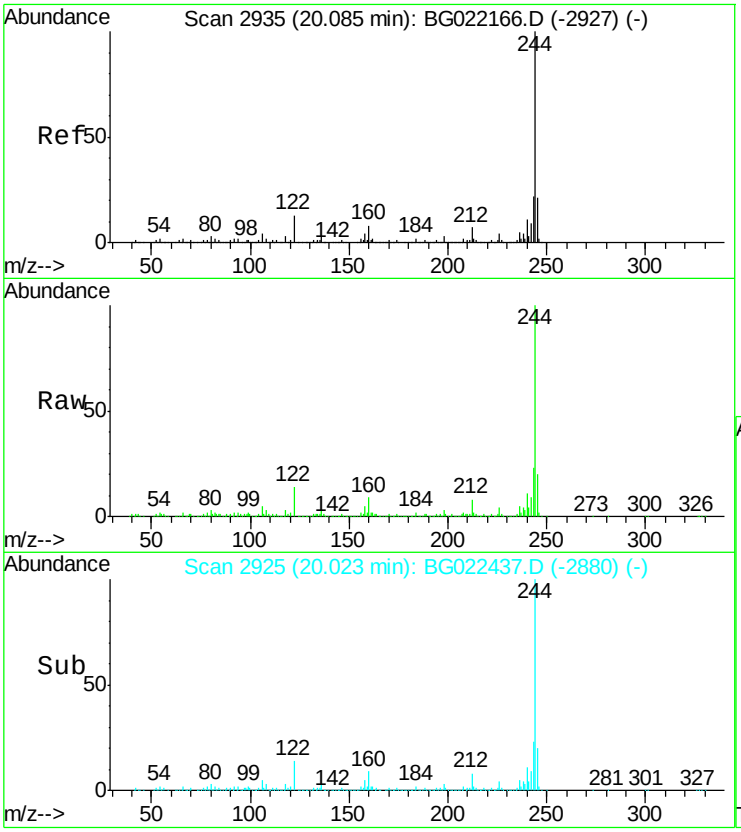


#77
Pyrene
Concen: 9.63 ng
RT: 19.83 min Scan# 2893
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:202 Resp: 88915

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	19.1	15.0	22.4



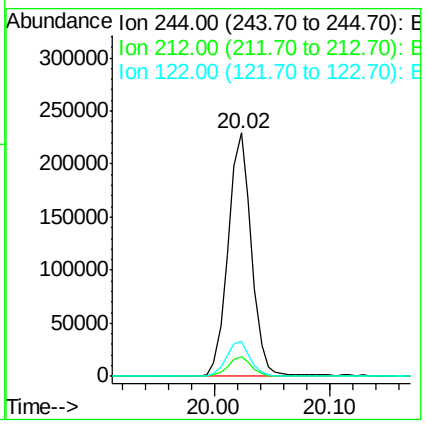


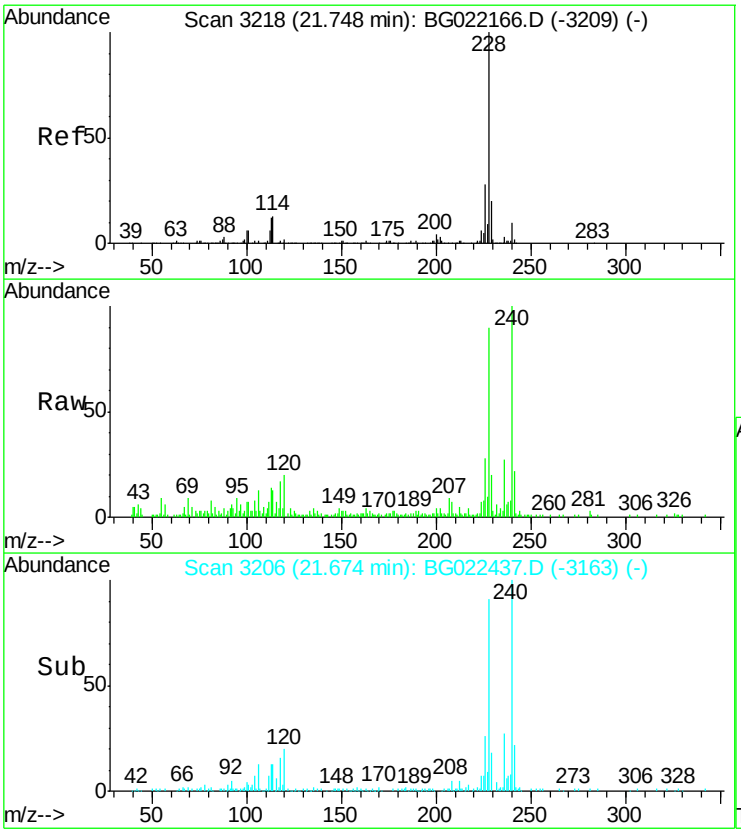
#78
Terphenyl-d14
Concen: 51.46 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.04 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:244 Resp: 322084

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	14.2	8.6	12.8#

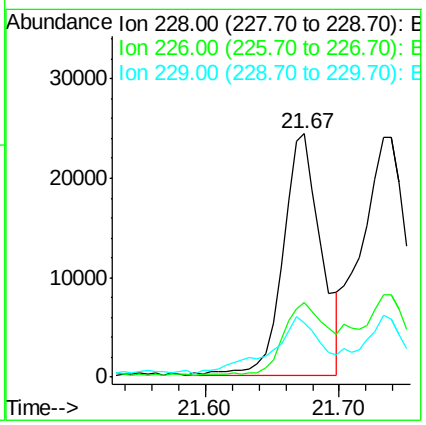


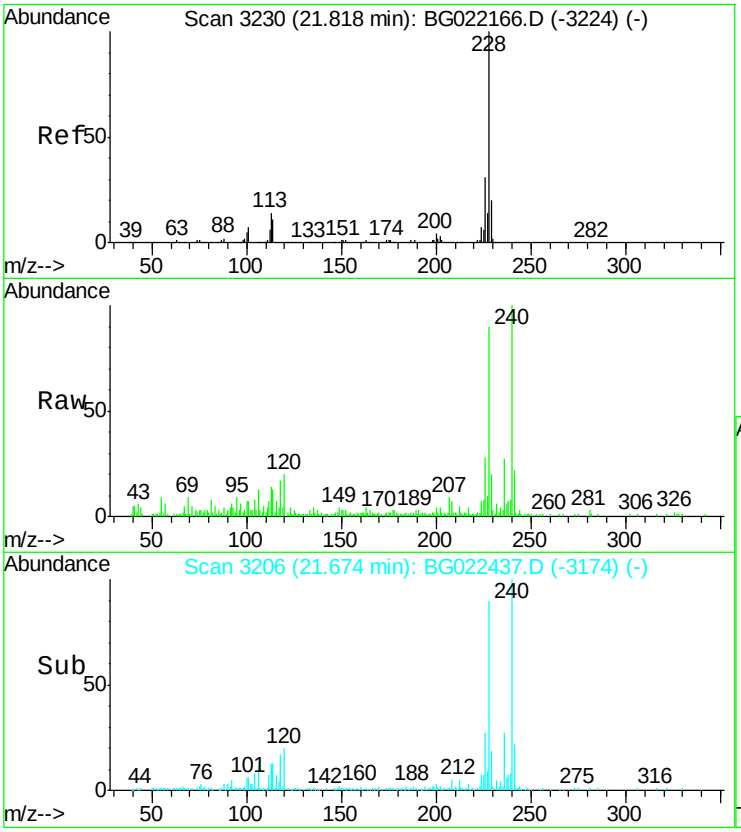


#80
Benzo(a)anthracene
Concen: 5.75 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.05 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:228 Resp: 47906

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	34.0
229	22.1	16.1	24.1



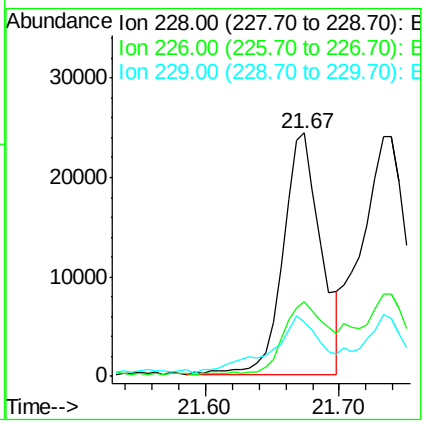


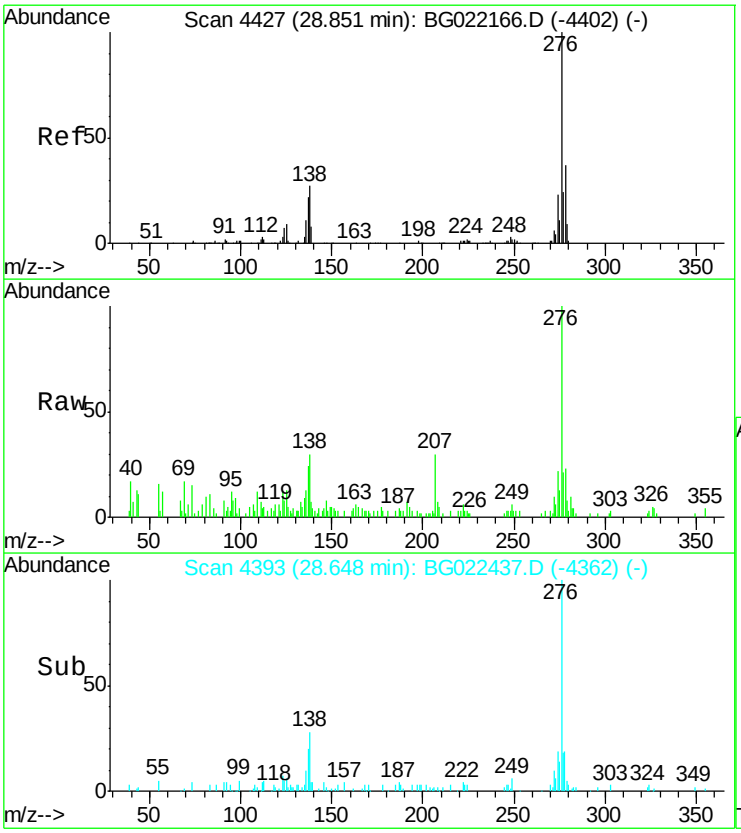
#82
Chrysene
Concen: 5.91 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.11 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:228 Resp: 47906

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.1	15.9	23.9

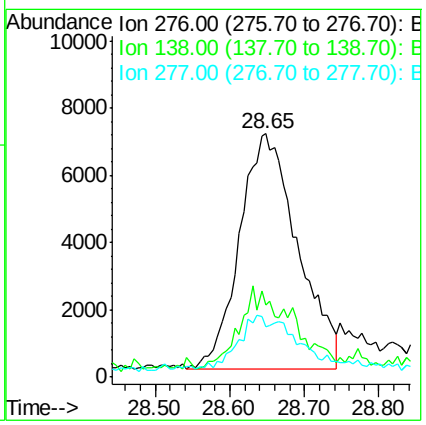


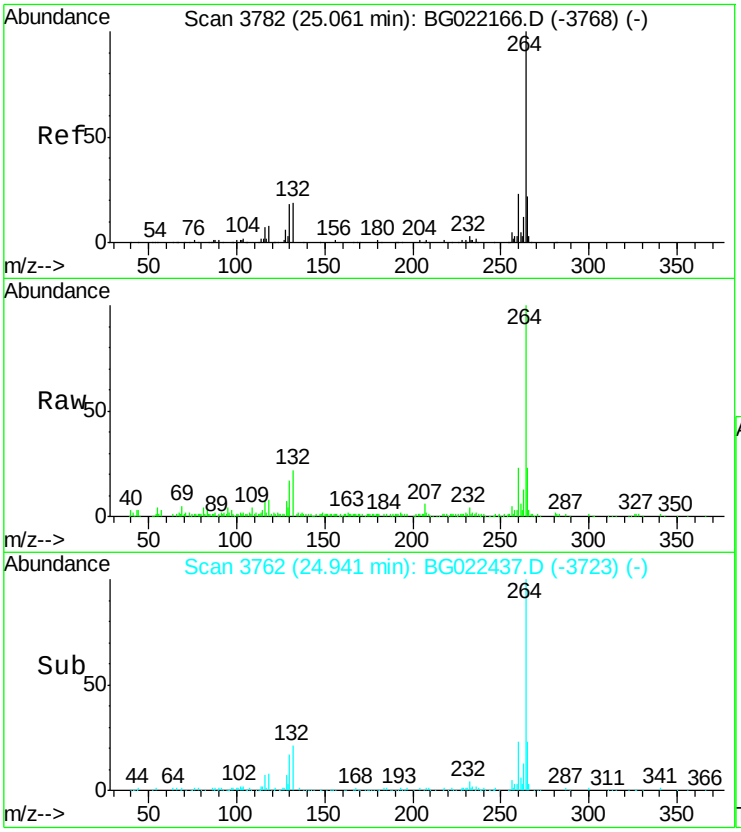


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.15 ng
RT: 28.65 min Scan# 4393
Delta R.T. -0.12 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:276 Resp: 37721

Ion	Ratio	Lower	Upper
276	100		
138	11.4	14.0	21.0#
277	12.0	20.6	30.8#



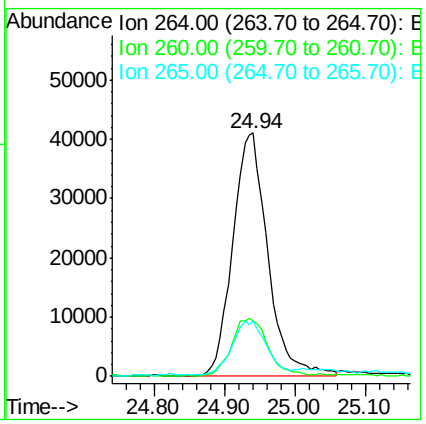


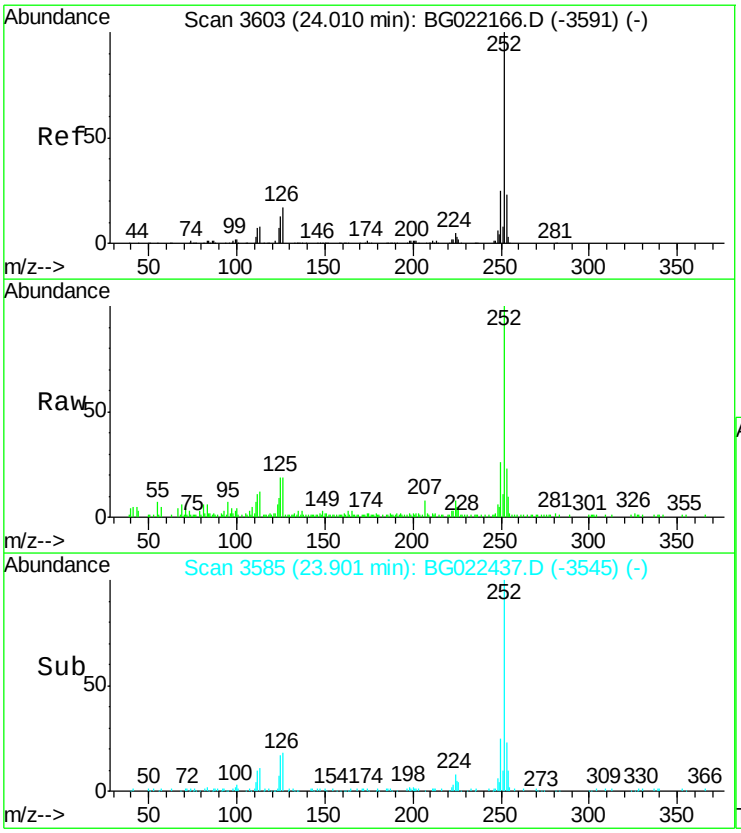
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.94 min Scan# 3762
Delta R.T. -0.07 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:264 Resp: 142118

Ion	Ratio	Lower	Upper
264	100		
260	22.8	20.2	30.4
265	22.7	17.8	26.8

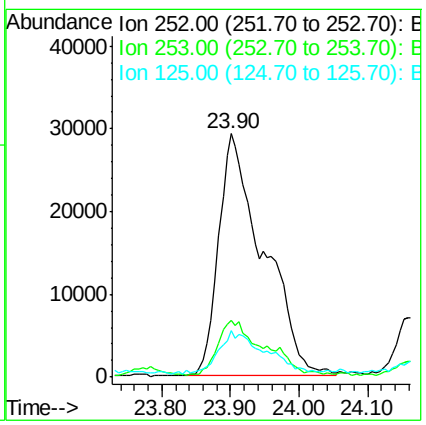


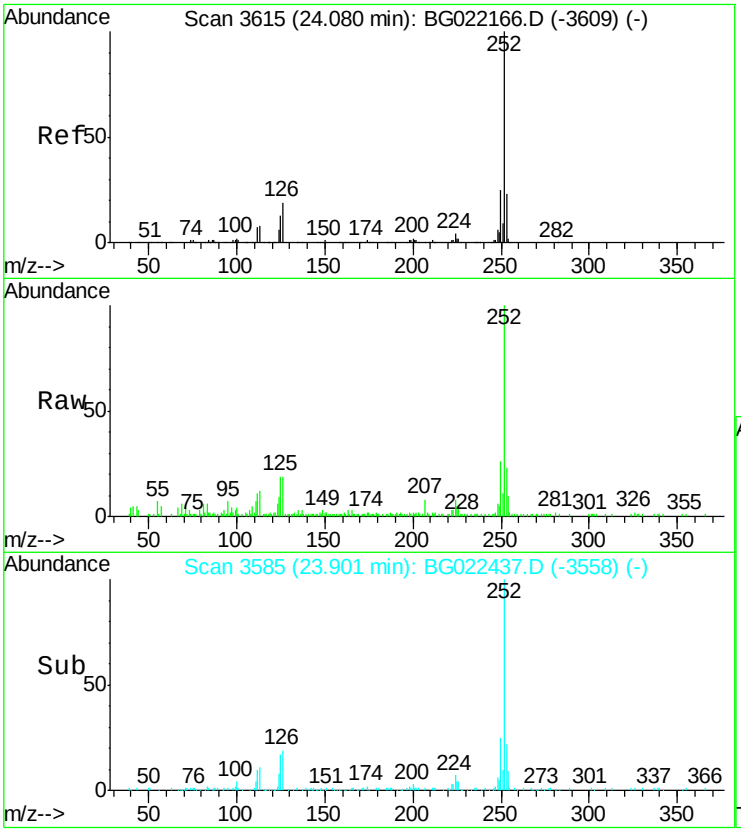


#87
Benzo(b)fluoranthene
Concen: 15.86 ng
RT: 23.90 min Scan# 3585
Delta R.T. -0.07 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:252 Resp: 131438

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	19.2	8.6	13.0#



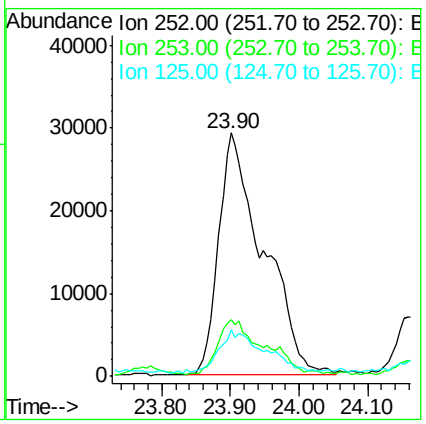


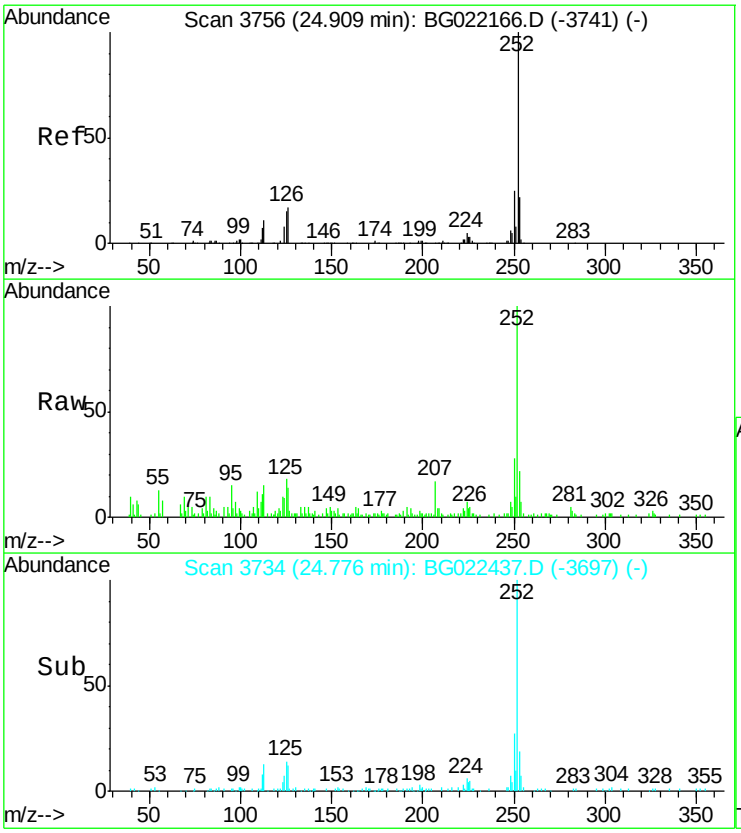
#88
Benzo(k)fluoranthene
Concen: 16.11 ng
RT: 23.90 min Scan# 3585
Delta R.T. -0.14 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:252 Resp: 131438

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	19.2	8.3	12.5#

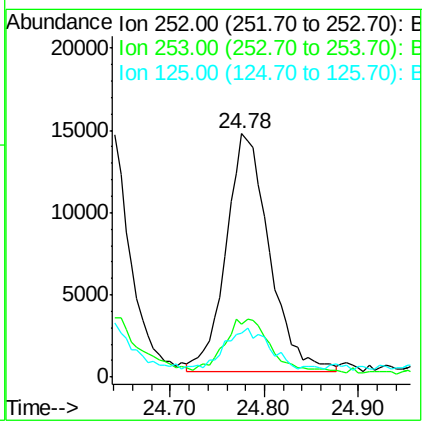


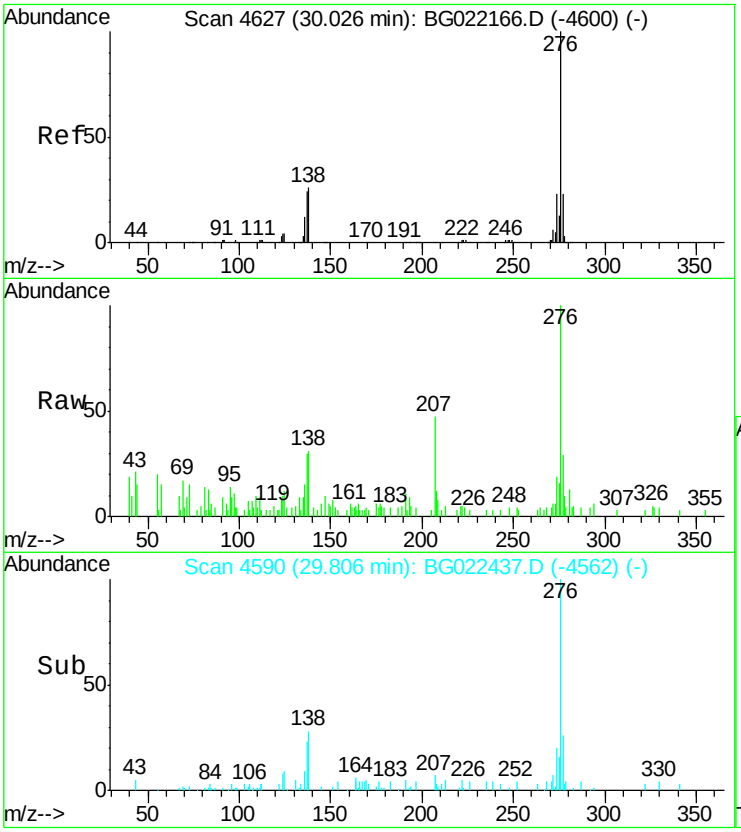


#89
Benzo(a)pyrene
Concen: 5.84 ng
RT: 24.78 min Scan# 3734
Delta R.T. -0.08 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Tgt Ion:252 Resp: 46315

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	18.1	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 4.22 ng
RT: 29.81 min Scan# 4590
Delta R.T. -0.14 min
Lab File: BG022437.D
Acq: 18 Jun 2016 23:58

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Tgt Ion:276 Resp: 32780

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.4	29.2
138	31.4	17.4	26.0#