Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Time: Dec 11 06:41:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20191	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	86503	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57964	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	140705	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	171007	20.00	ng	-0.04
86) Perylene-d12	25.03	264	161521	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	83043	74.33	ng	-0.01
7) Phenol-d6	7.26	99	75734	44.90	ng	-0.02
23) Nitrobenzene-d5	9.28	82	177292	104.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	128737	145.15	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	416557	98.12	ng	-0.02
78) Terphenyl-d14	20.08	244	656093	93.58	ng	-0.03
Target Compounds						Qvalue

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

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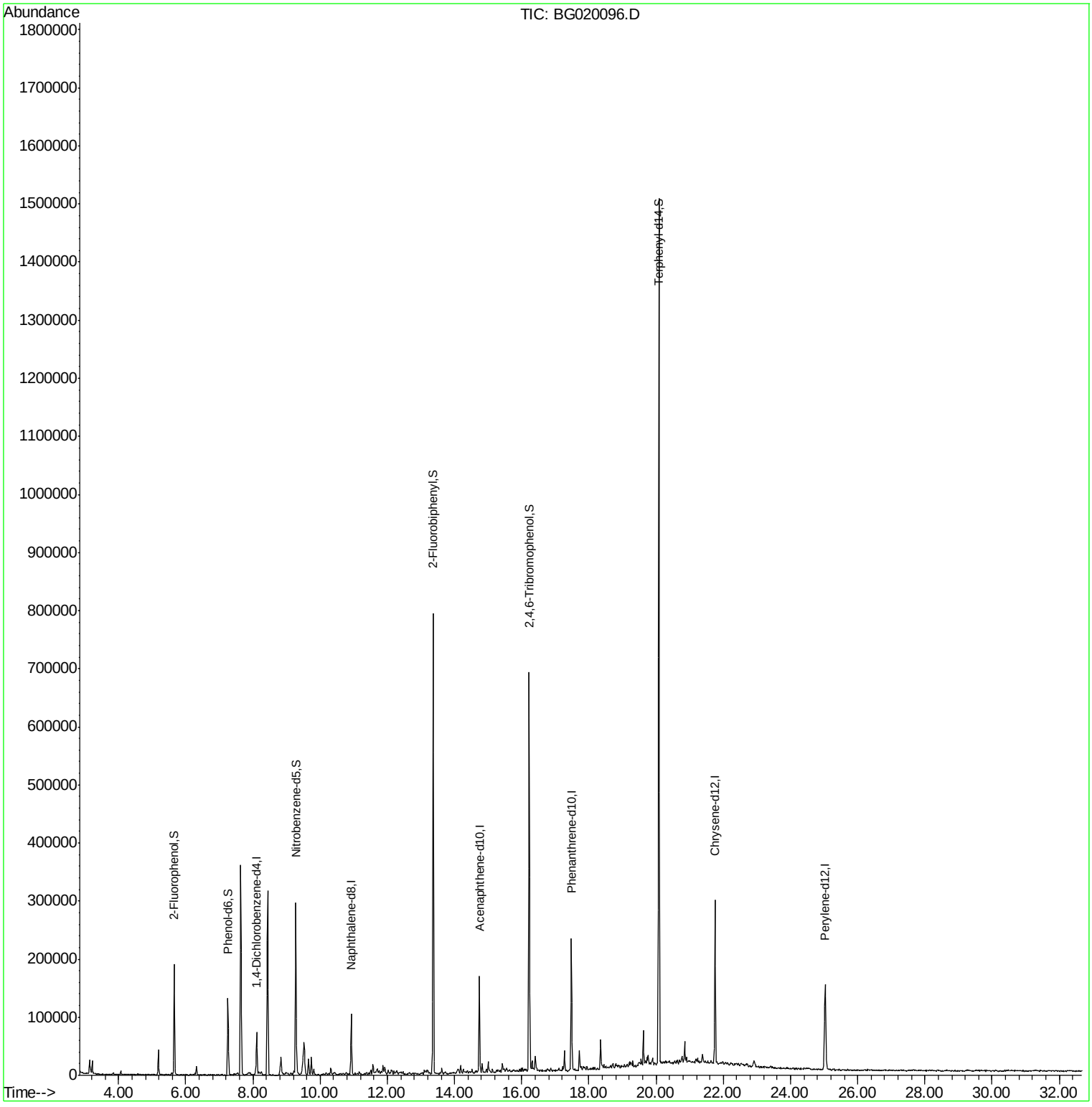
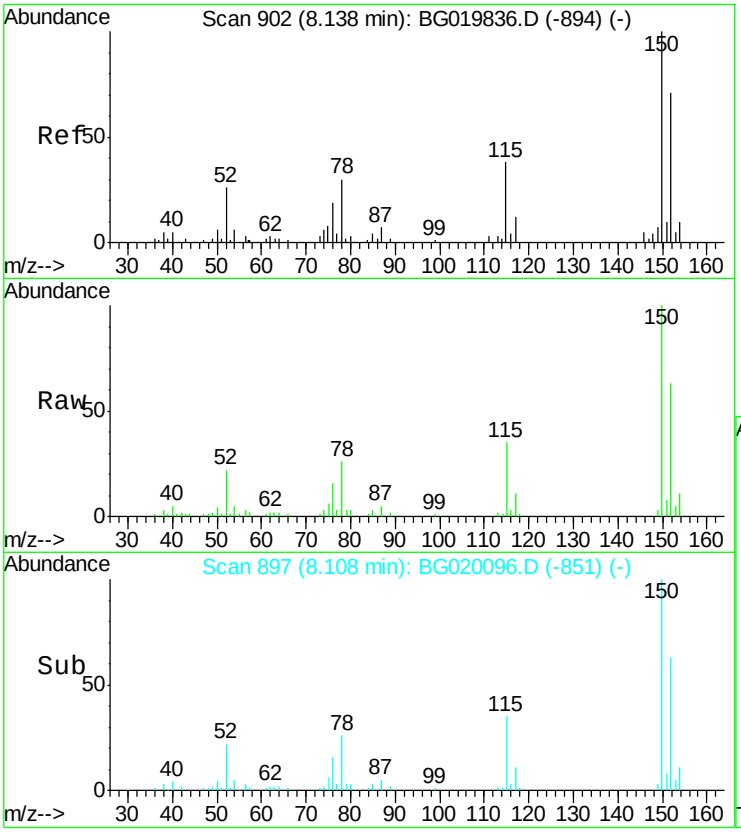


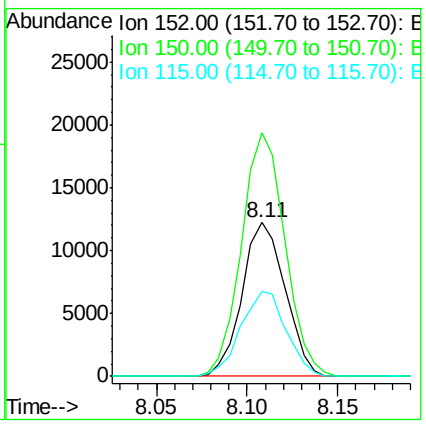


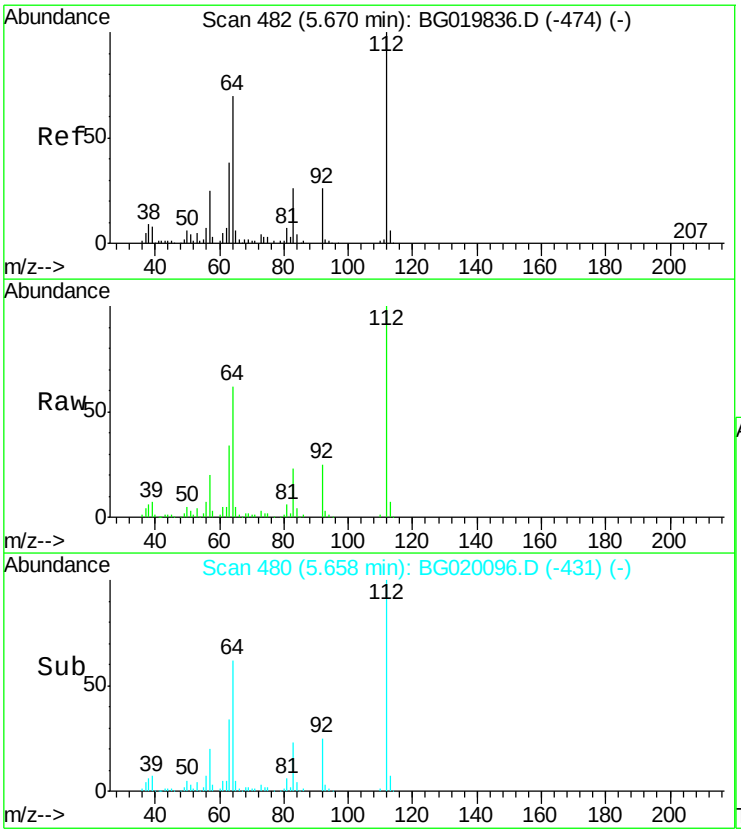
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

Tgt Ion:152 Resp: 20191

Ion	Ratio	Lower	Upper
152	100		
150	158.1	115.0	172.4
115	55.0	43.9	65.9

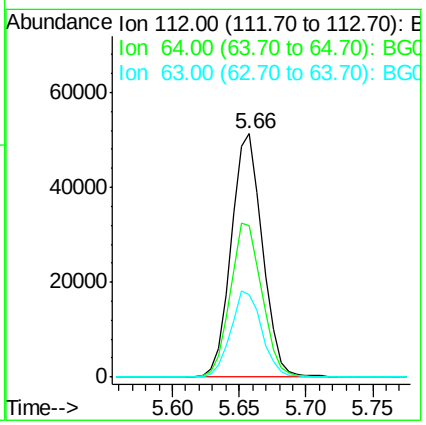


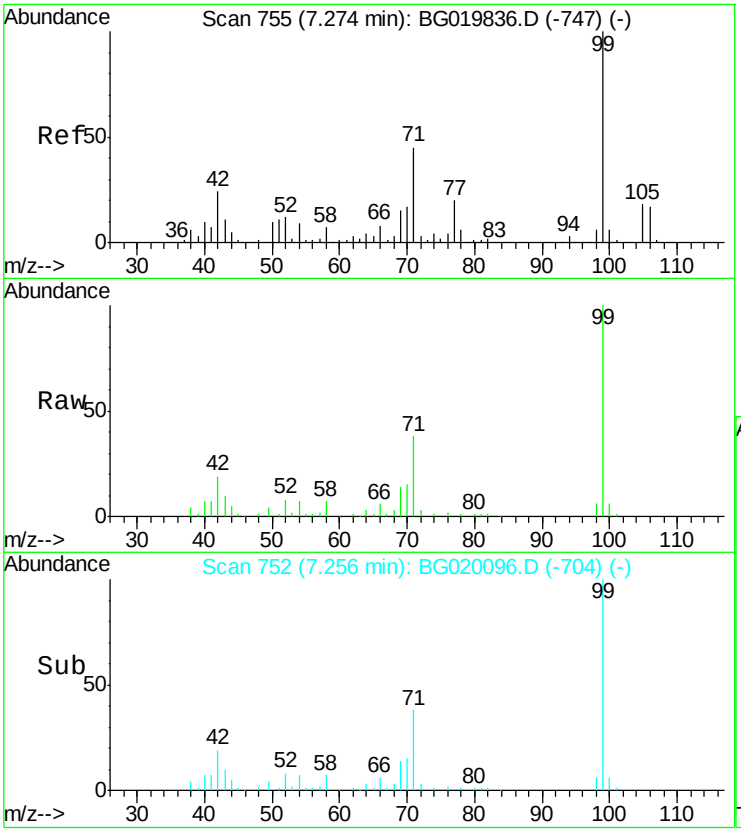


#5
2-Fluorophenol
Concen: 74.33 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:112 Resp: 83043

Ion	Ratio	Lower	Upper
112	100		
64	62.4	43.7	65.5
63	33.9	24.0	36.0



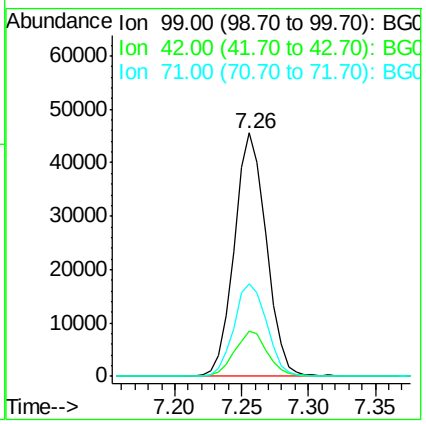


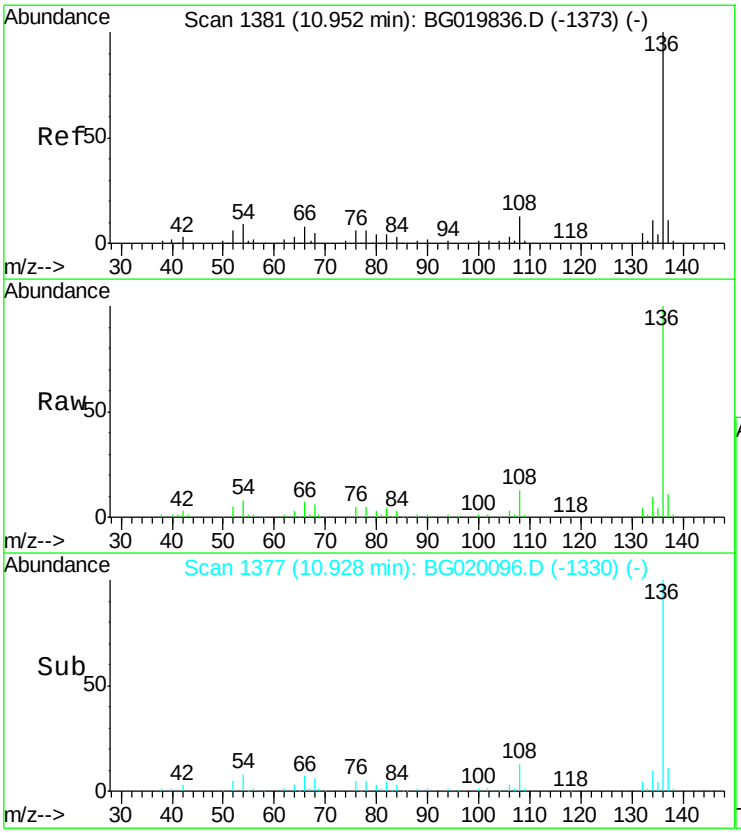
#7
Phenol-d6
Concen: 44.90 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

Tgt Ion: 99 Resp: 75734

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.5	17.3#
71	38.3	22.6	34.0#

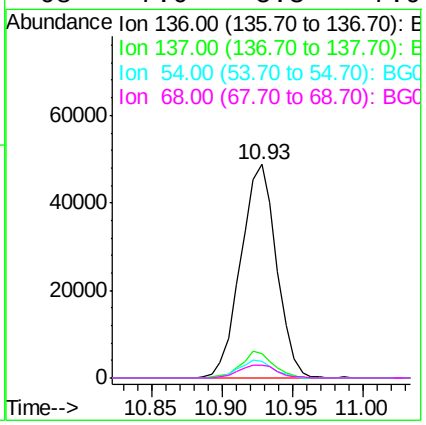


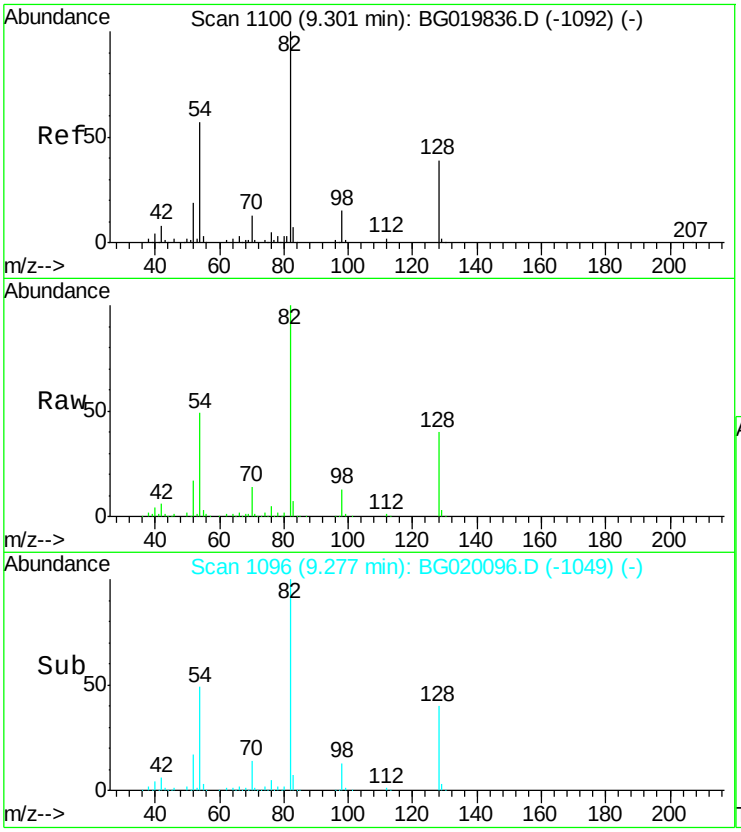


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:136 Resp: 86503

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.8	5.4	8.2
68	7.0	5.3	7.9



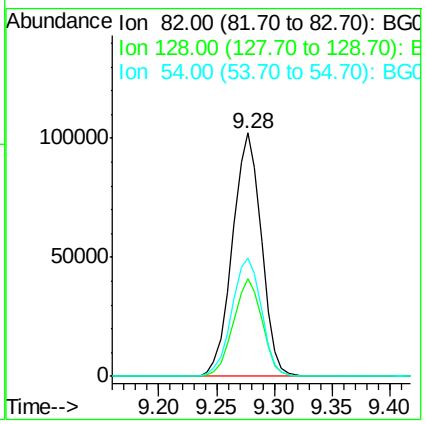


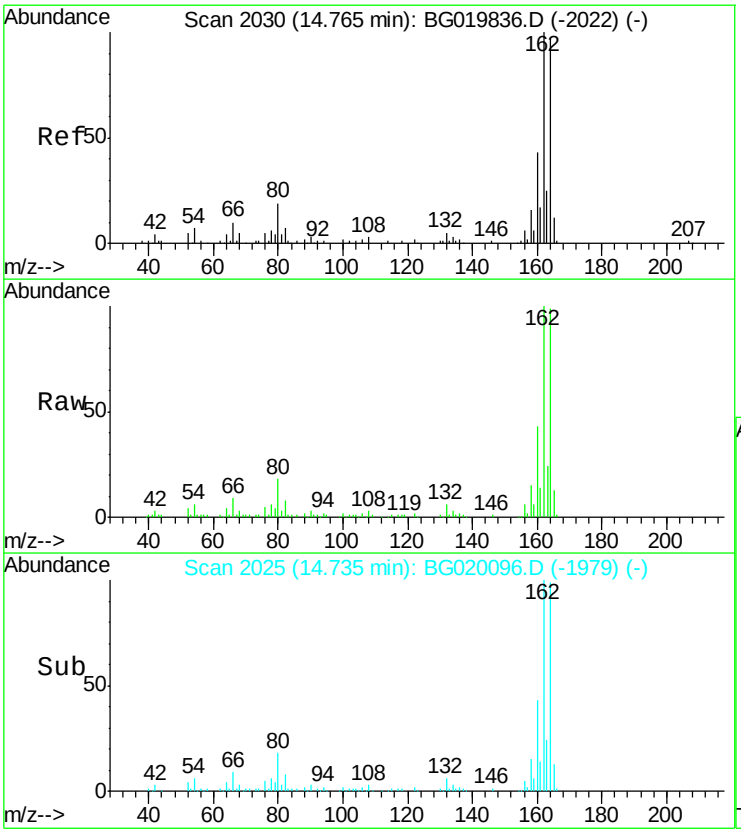
#23
Nitrobenzene-d5
Concen: 104.60 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

Tgt Ion: 82 Resp: 177292

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.7	55.1
54	48.6	33.8	50.8

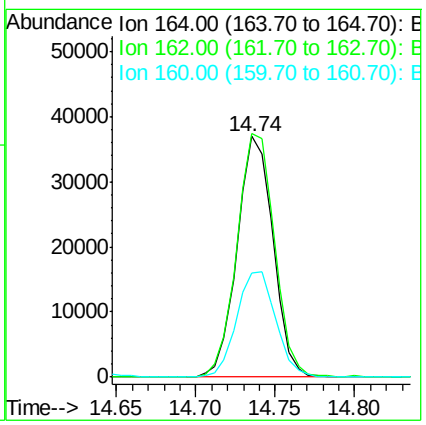


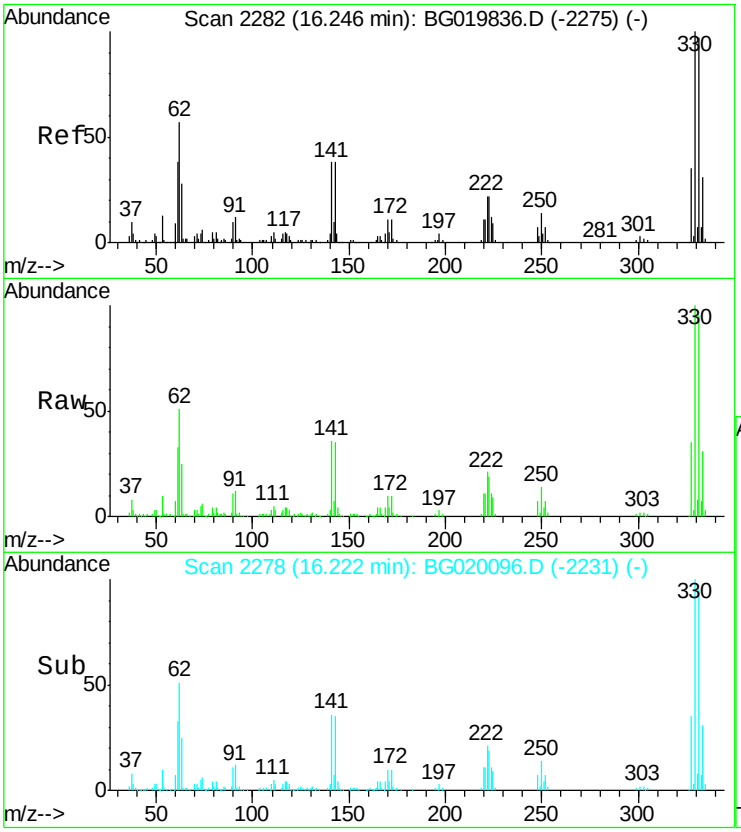


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:164 Resp: 57964

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	43.1	36.4	54.6



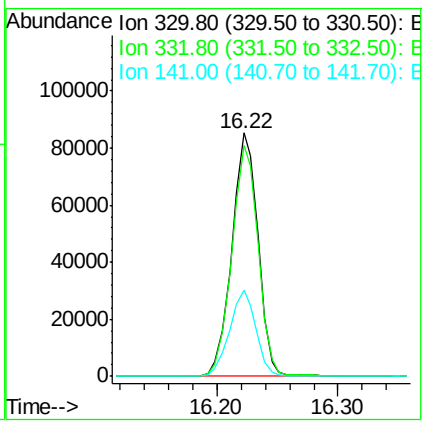


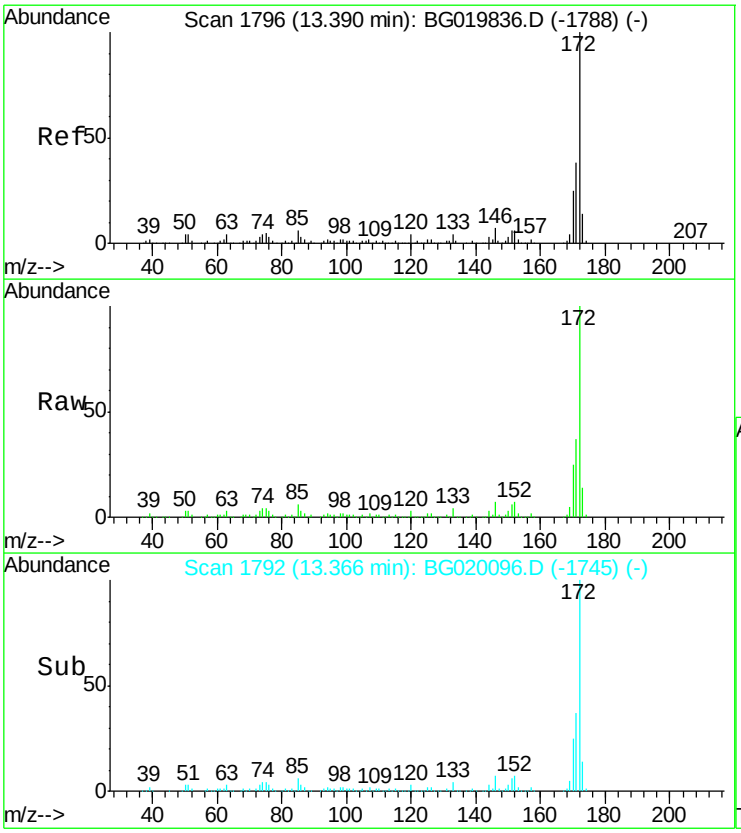
#41
2,4,6-Tribromophenol
Concen: 145.15 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

Tgt Ion:330 Resp: 128737

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	35.8	28.2	42.2

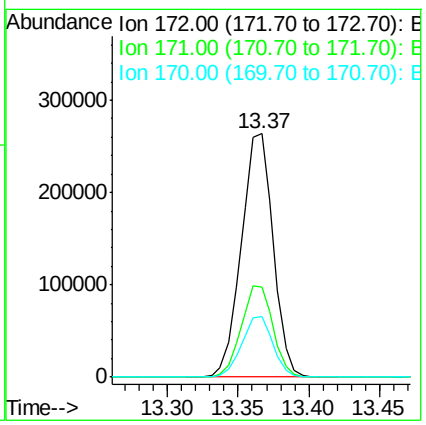


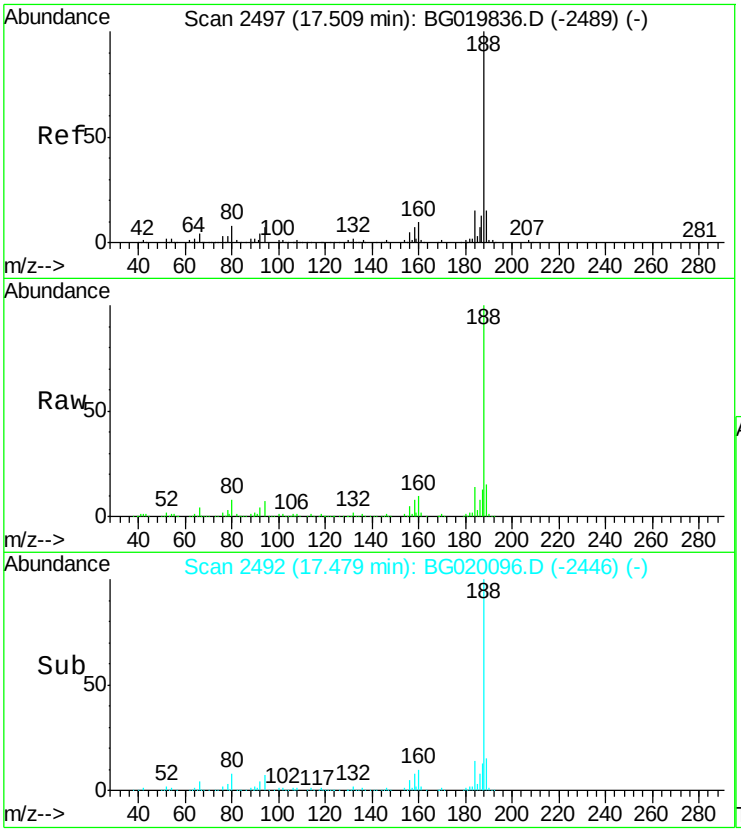


#44
2-Fluorobiphenyl
Concen: 98.12 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:172 Resp: 416557

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.9	19.9	29.9



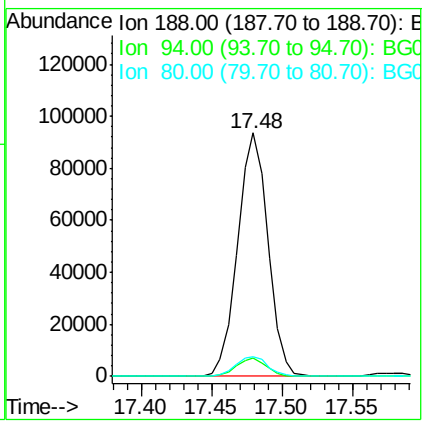


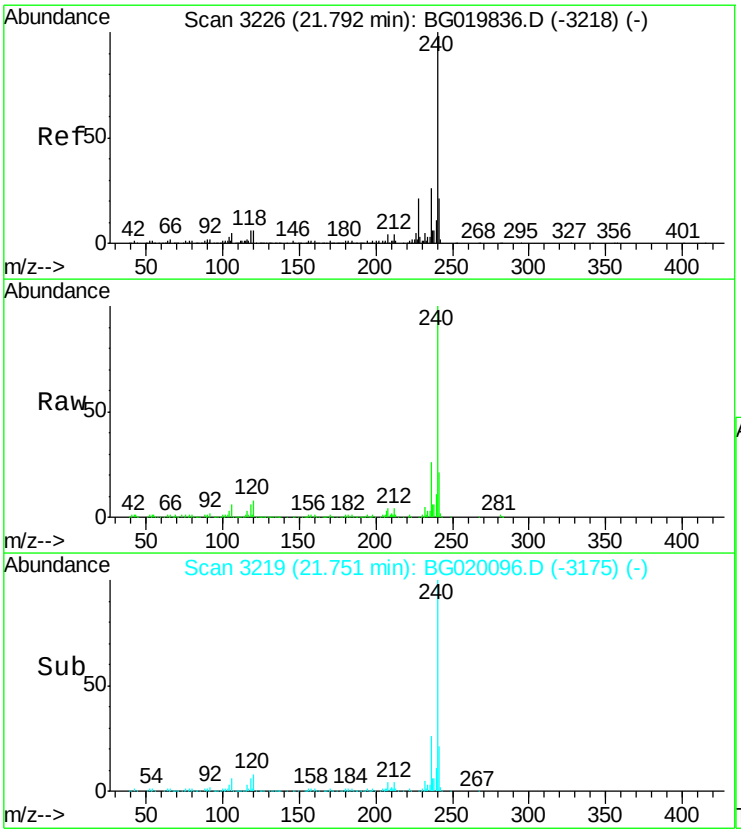
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

Tgt Ion:188 Resp: 140705

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.2	7.8	11.8

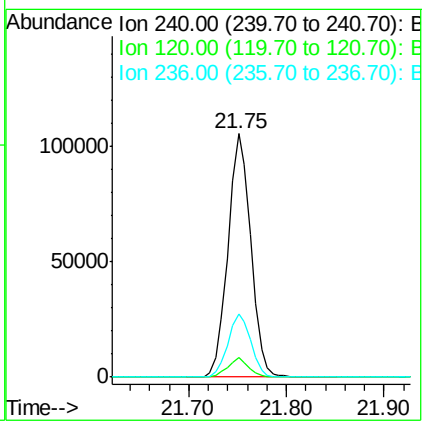


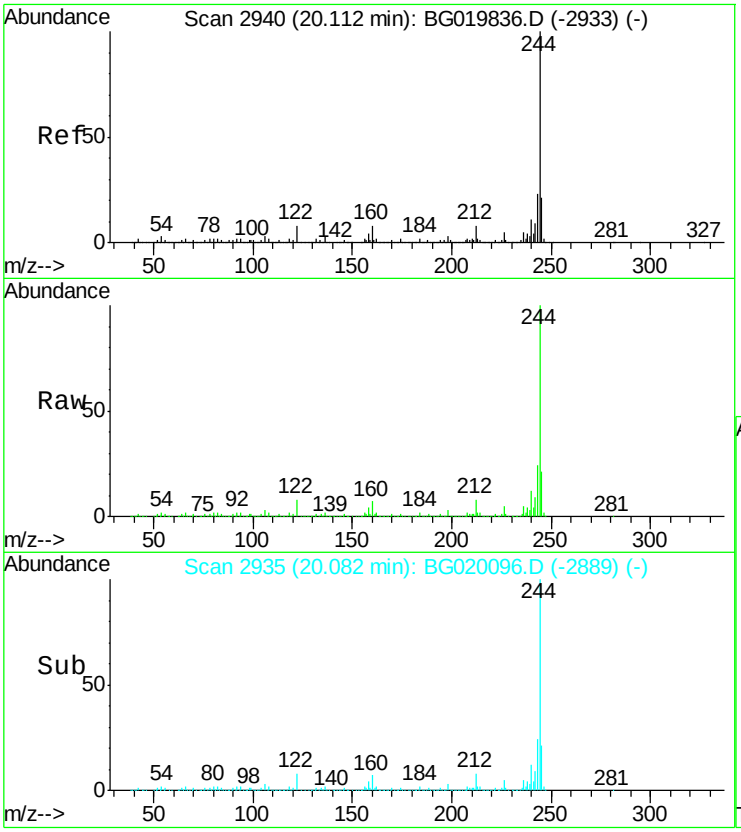


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:240 Resp: 171007

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.4	11.0
236	25.9	20.7	31.1



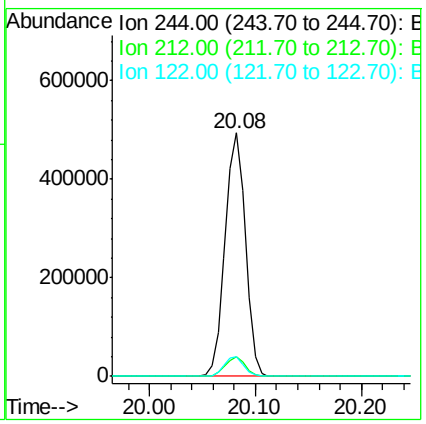


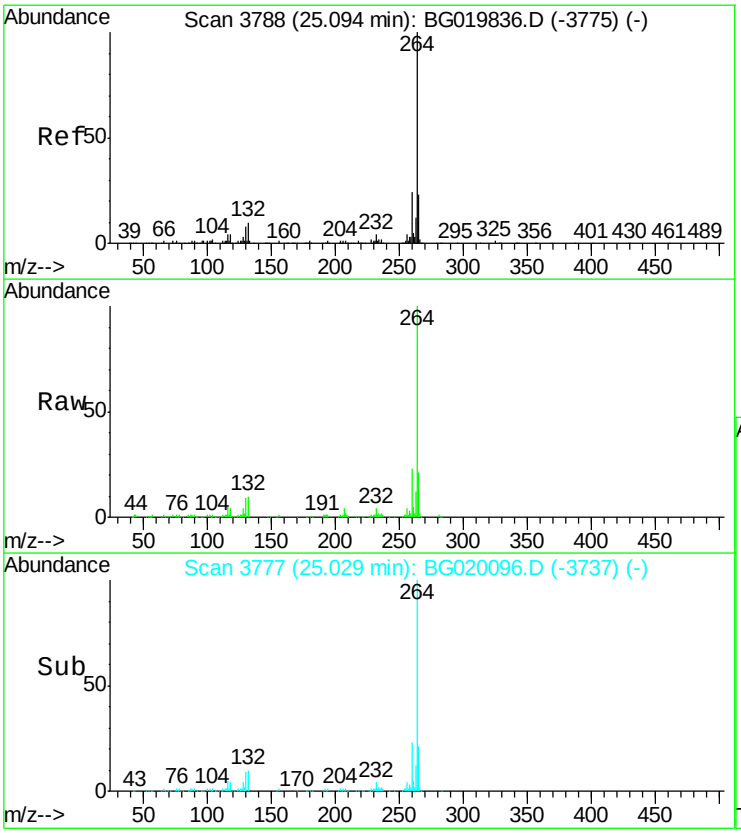
#78
Terphenyl-d14
Concen: 93.58 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Instrument :
BNA_G
ClientSampleId :
W-49

Tgt Ion:244 Resp: 656093

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	8.1	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.07 min
Lab File: BG020096.D
Acq: 11 Dec 2015 5:25

Tgt Ion:264 Resp: 161521

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.4	17.2	25.8