Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019929.D
Acq On : 5 Dec 2015 6:44
Operator : UM/NP
Sample : PB86993BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB86993BL

Quant Time: Dec 07 04:05:45 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	8.12	152	29575	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	127467	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	88837	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	234379	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	285199	20.00	ng	-0.03
86) Perylene-d12	25.04	264	265251	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	209999	128.33	ng	0.00
7) Phenol-d6	7.26	99	300080	121.46	ng	0.00
23) Nitrobenzene-d5	9.28	82	197577	79.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	150751	110.91	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	490319	75.36	ng	-0.02
78) Terphenyl-d14	20.09	244	902382	77.18	ng	-0.02
Target Compounds						Qvalue

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

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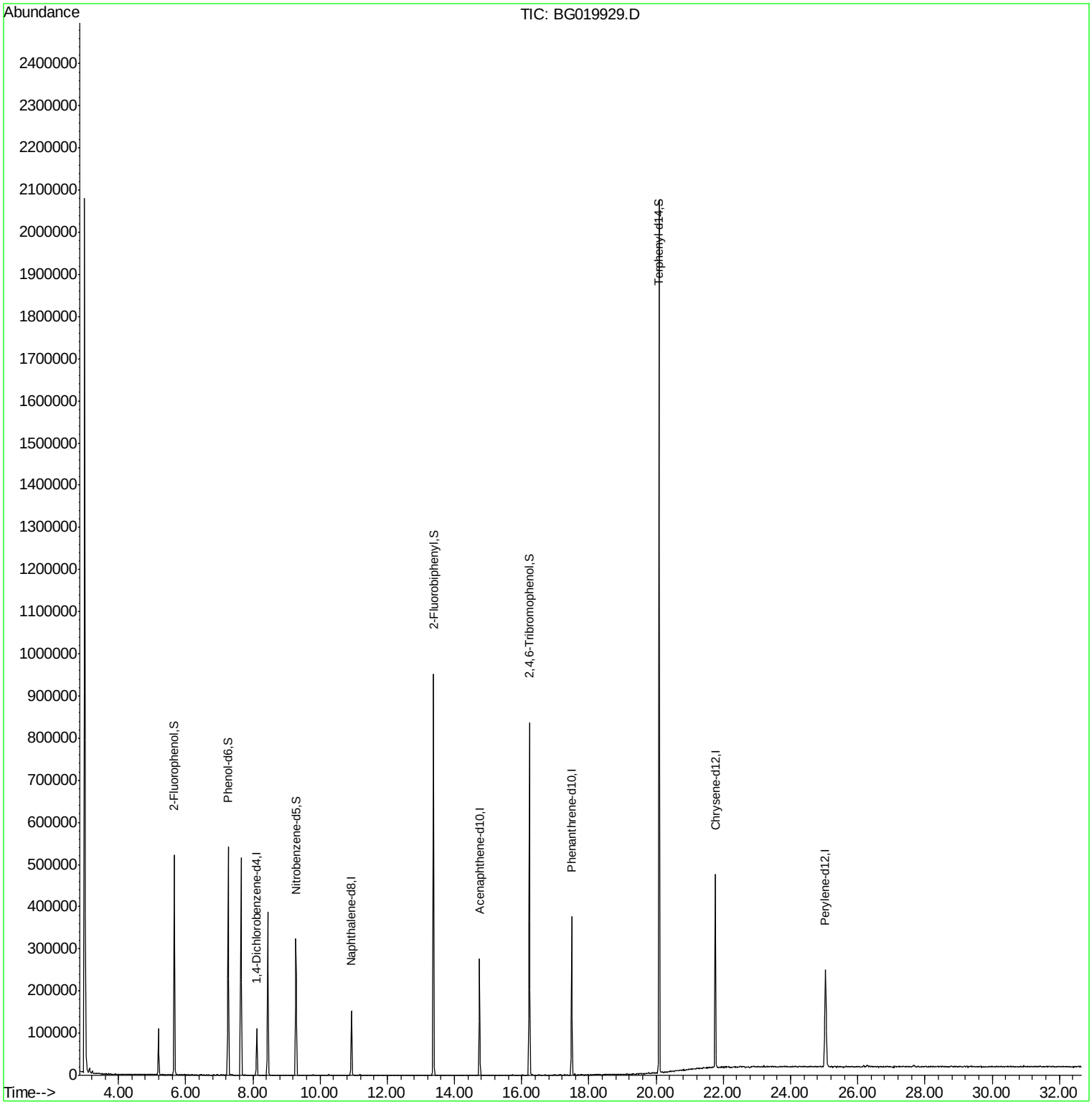
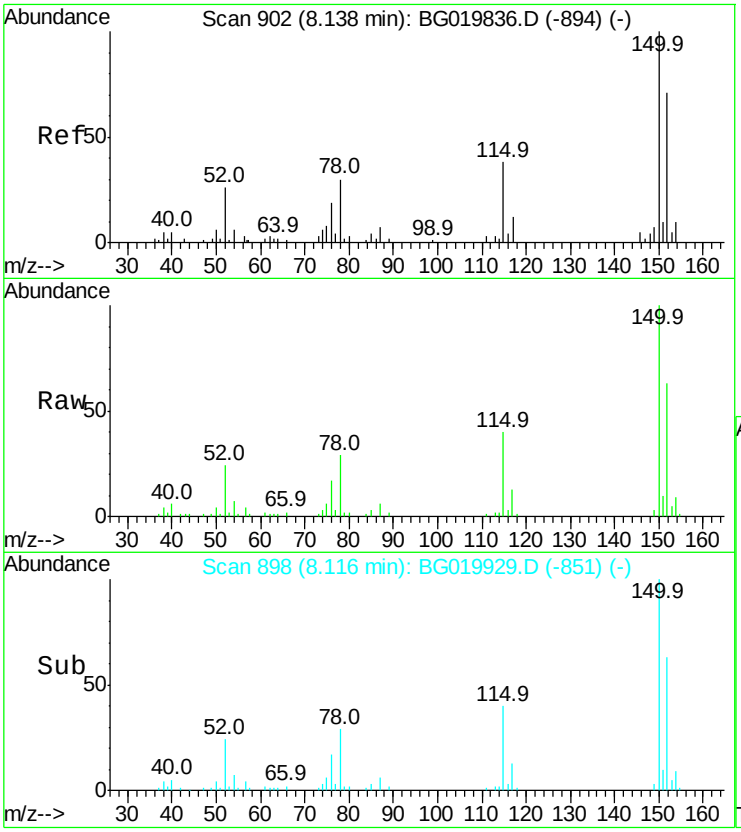


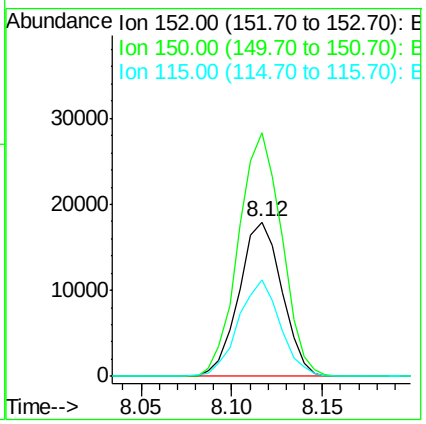


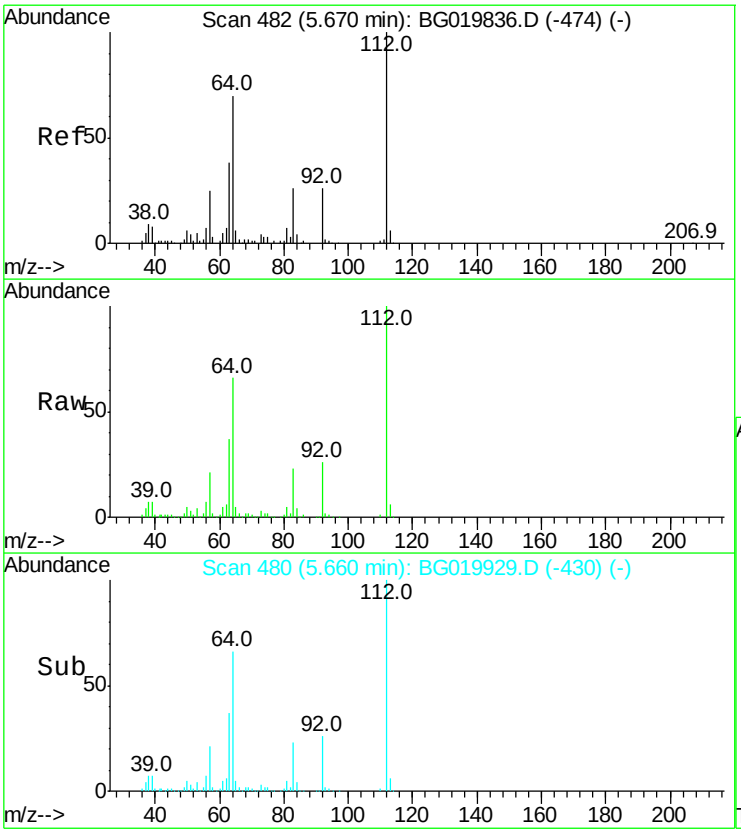
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Instrument :
BNA_G
ClientSampleId :
PB86993BL

Tgt Ion:152 Resp: 29575

Ion	Ratio	Lower	Upper
152	100		
150	157.8	115.0	172.4
115	62.4	43.9	65.9

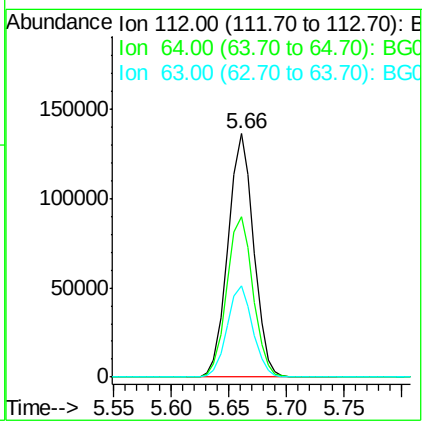


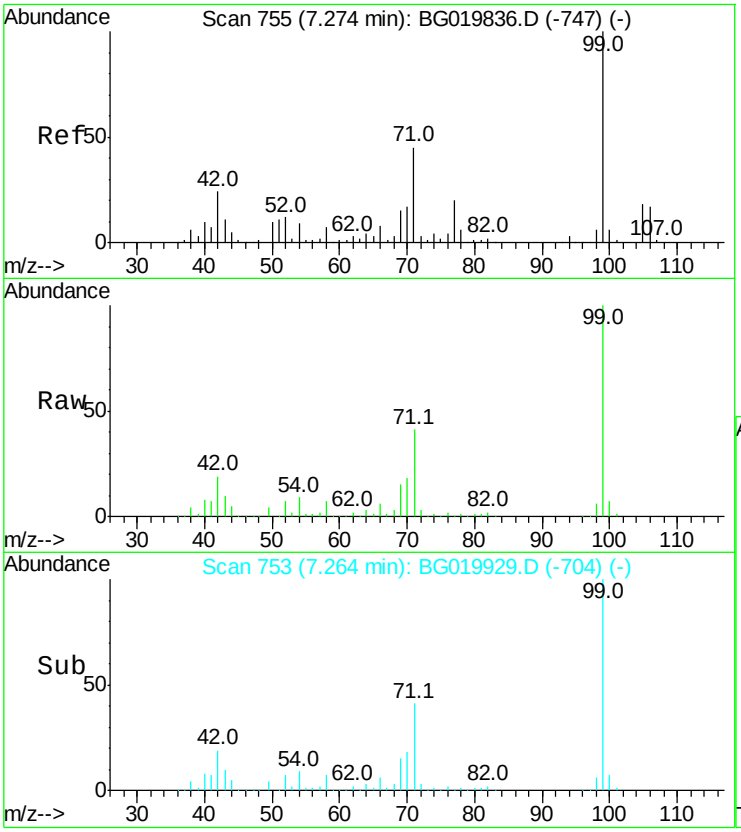


#5
2-Fluorophenol
Concen: 128.33 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Tgt Ion:112 Resp: 209999

Ion	Ratio	Lower	Upper
112	100		
64	66.1	43.7	65.5#
63	37.5	24.0	36.0#



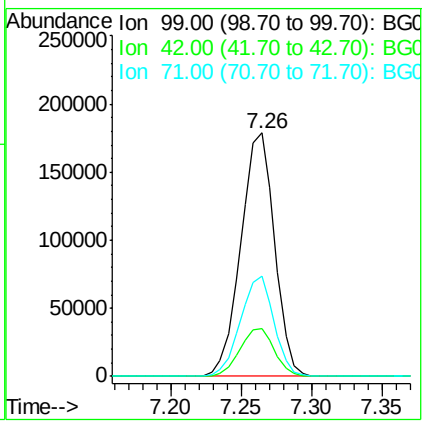


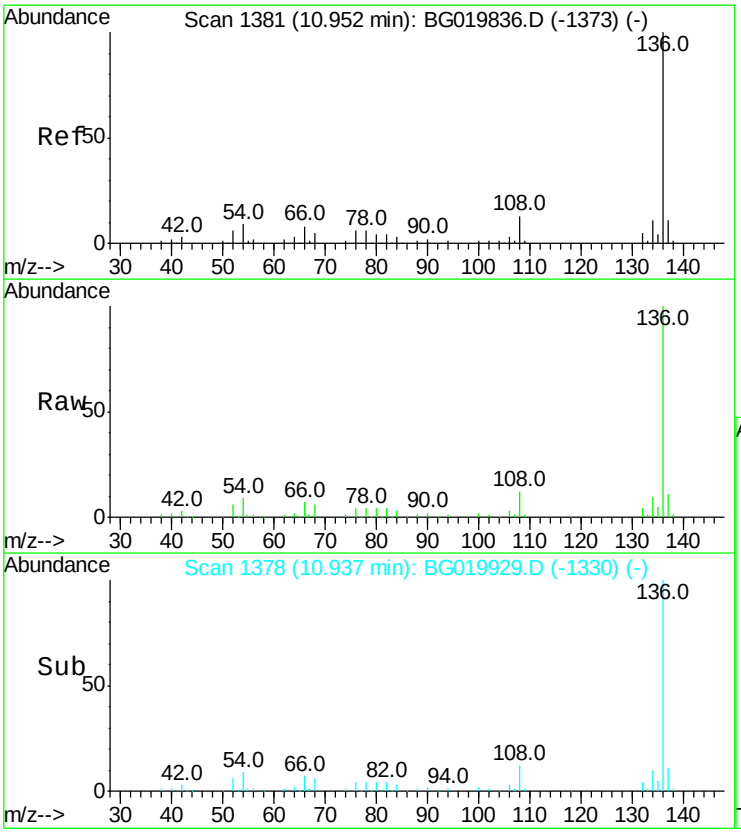
#7
Phenol-d6
Concen: 121.46 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Instrument :
BNA_G
ClientSampleId :
PB86993BL

Tgt Ion: 99 Resp: 300080

Ion	Ratio	Lower	Upper
99	100		
42	19.5	11.5	17.3#
71	41.0	22.6	34.0#

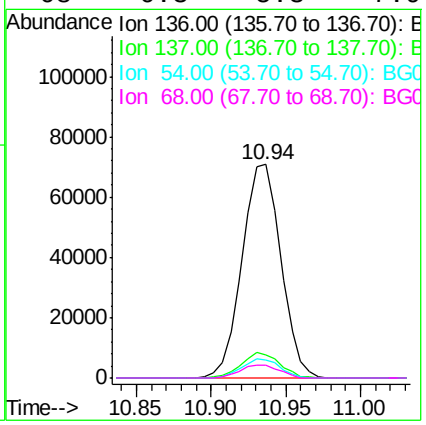


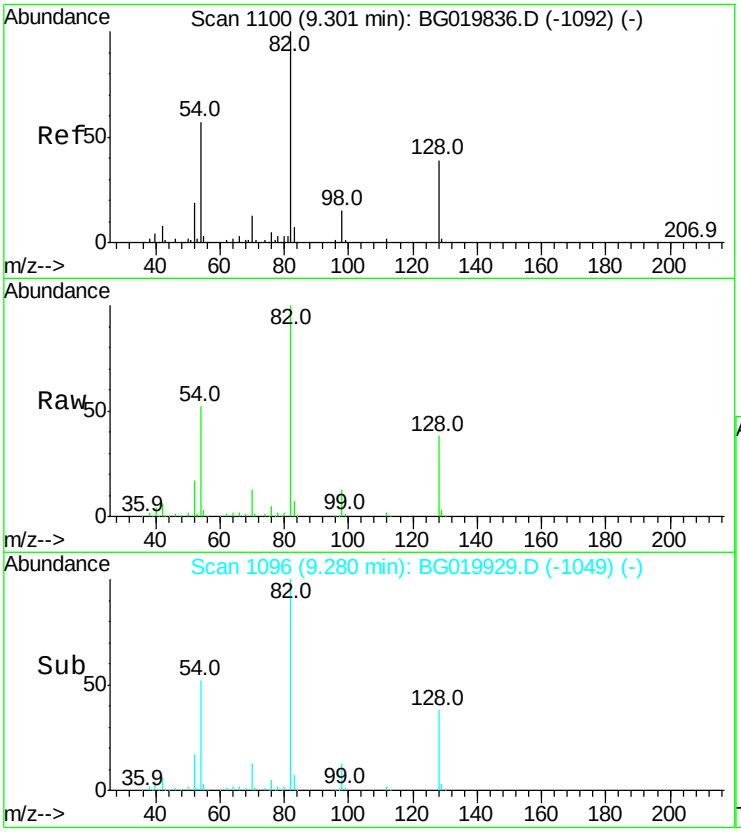


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Tgt Ion:136 Resp: 127467

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.7	5.4	8.2#
68	6.3	5.3	7.9



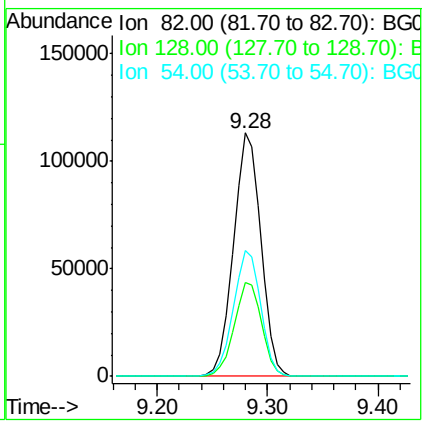


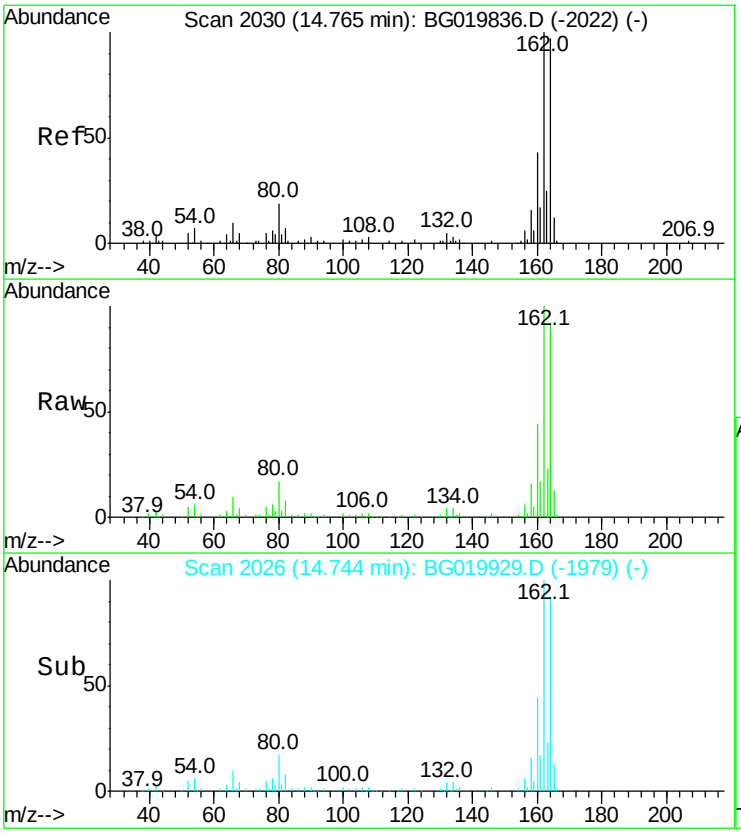
#23
Nitrobenzene-d5
Concen: 79.11 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Instrument :
BNA_G
ClientSampleId :
PB86993BL

Tgt Ion: 82 Resp: 197577

Ion	Ratio	Lower	Upper
82	100		
128	38.4	36.7	55.1
54	51.5	33.8	50.8#

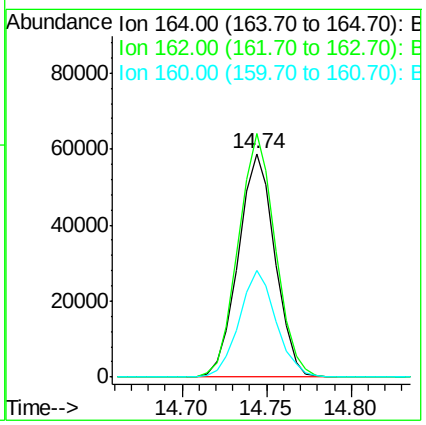


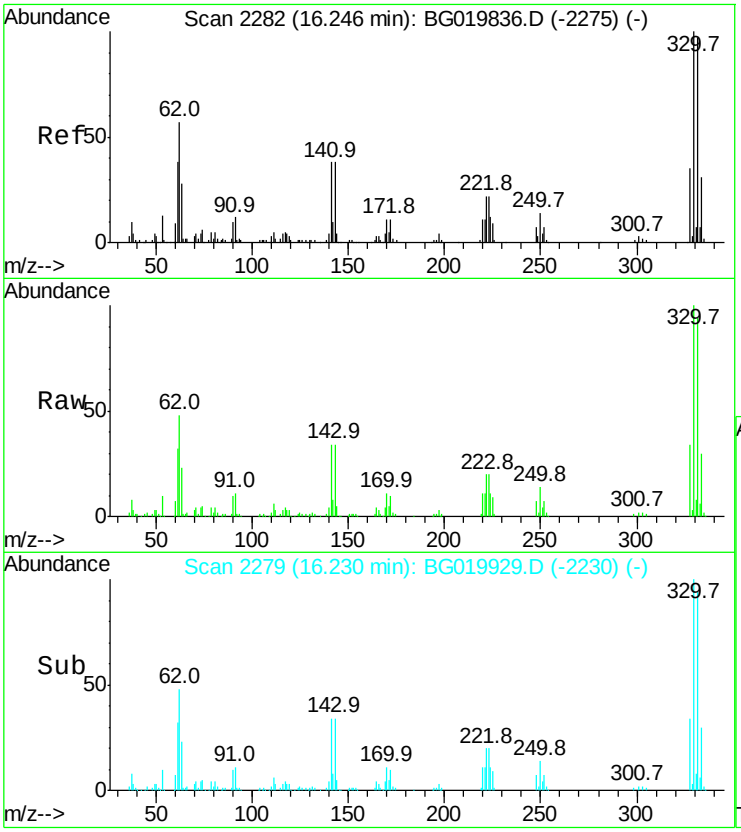


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Tgt Ion:164 Resp: 88837

Ion	Ratio	Lower	Upper
164	100		
162	109.1	78.8	118.2
160	47.7	36.4	54.6



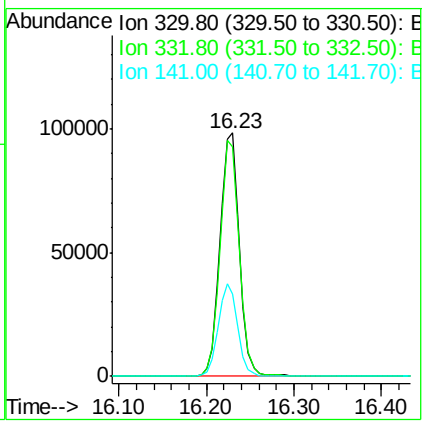


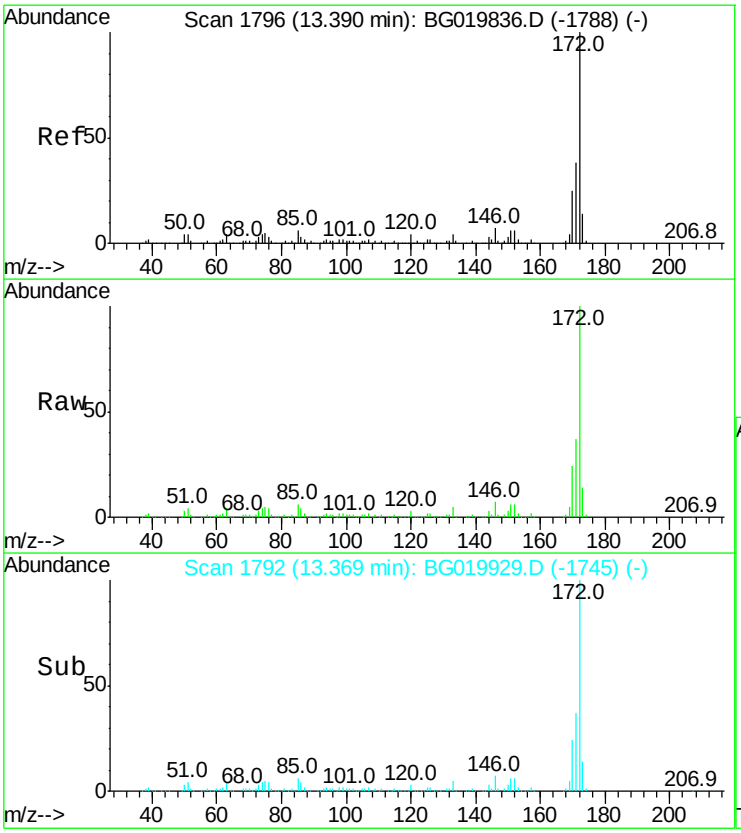
#41
2,4,6-Tribromophenol
Concen: 110.91 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Instrument :
BNA_G
ClientSampleId :
PB86993BL

Tgt Ion:330 Resp: 150751

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	37.9	28.2	42.2

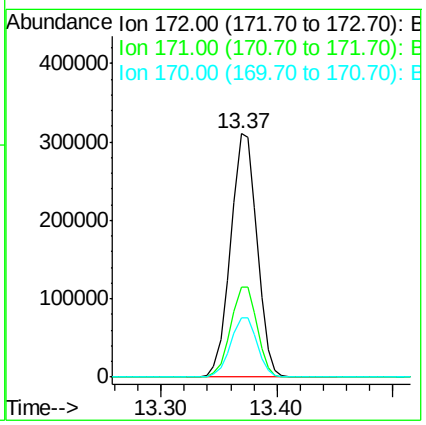


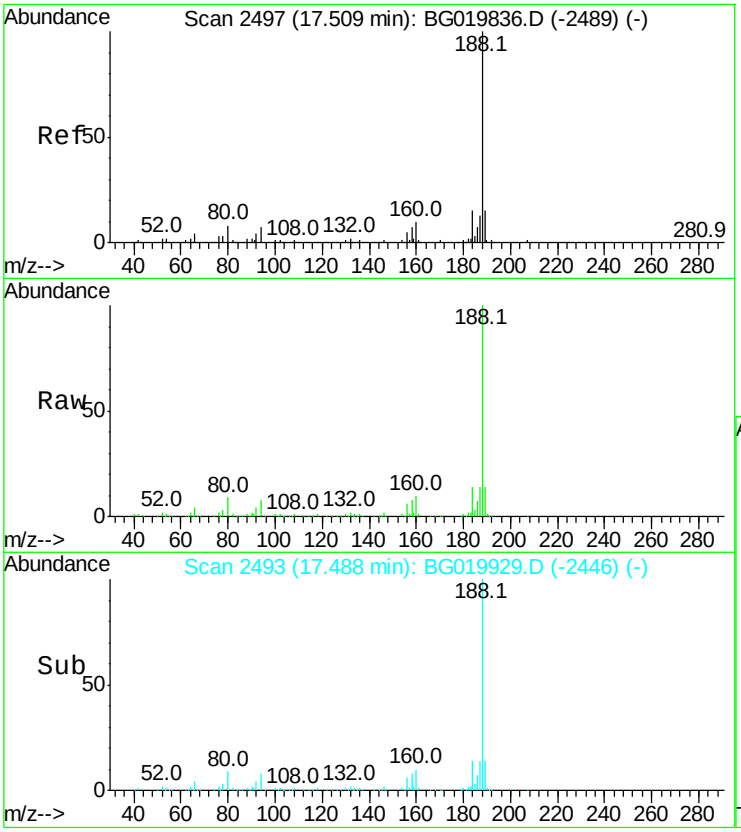


#44
2-Fluorobiphenyl
Concen: 75.36 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Tgt Ion:172 Resp: 490319

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.3	19.9	29.9



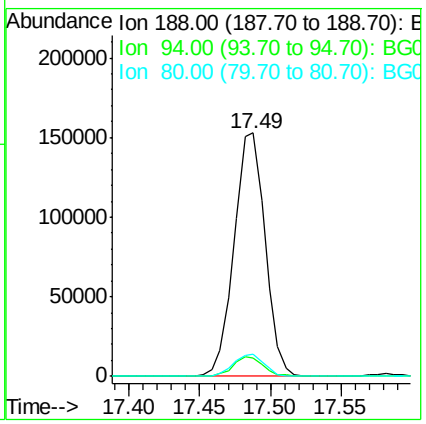


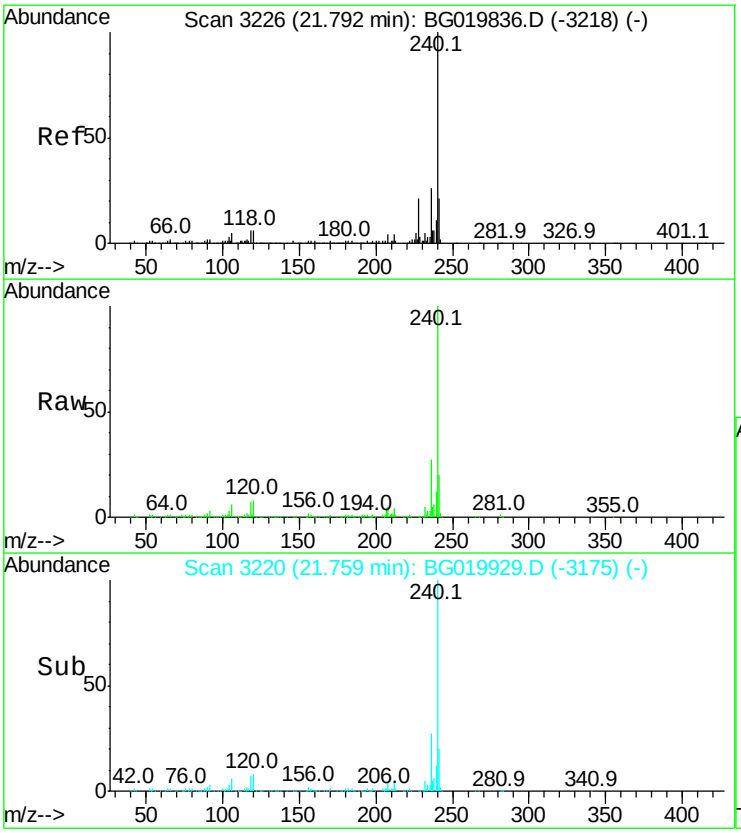
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Instrument :
BNA_G
ClientSampleId :
PB86993BL

Tgt Ion:188 Resp: 234379

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	9.3	7.8	11.8

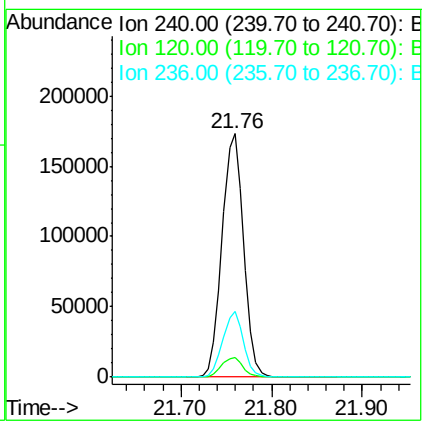


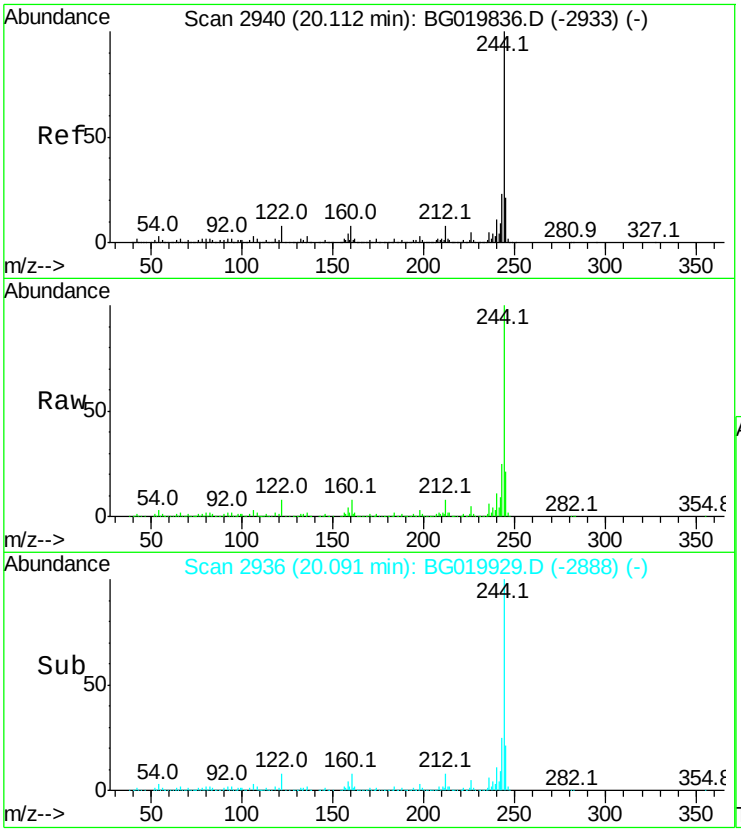


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.03 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Tgt Ion:240 Resp: 285199

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.4	11.0
236	27.2	20.7	31.1



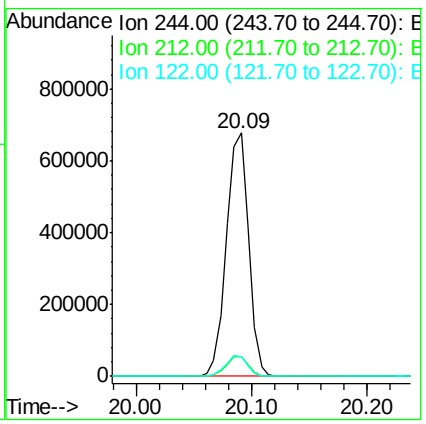


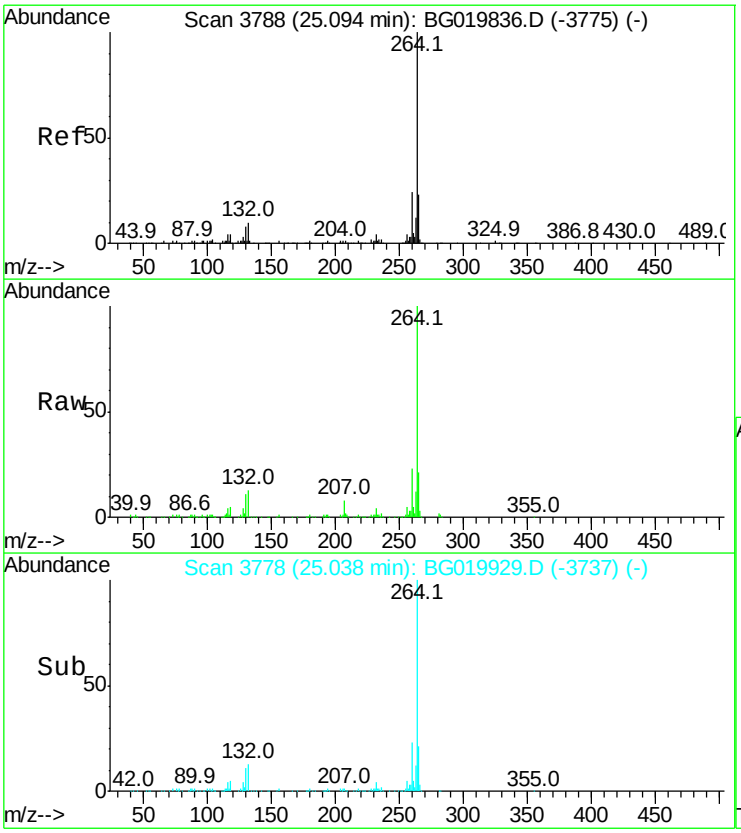
#78
Terphenyl-d14
Concen: 77.18 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Instrument :
BNA_G
ClientSampleId :
PB86993BL

Tgt Ion:244 Resp: 902382

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.2	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG019929.D
Acq: 5 Dec 2015 6:44

Tgt Ion:264 Resp: 265251

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.3	17.2	25.8