Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019930.D
Acq On : 5 Dec 2015 7:23
Operator : UM/NP
Sample : PB86951BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB86951BL

Quant Time: Dec 07 04:05:55 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	29212	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	126158	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	92175	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	235362	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	290227	20.00	ng	-0.04
86) Perylene-d12	25.04	264	269314	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	227717	140.89	ng	-0.01
7) Phenol-d6	7.26	99	328911	134.78	ng	-0.01
23) Nitrobenzene-d5	9.28	82	214636	86.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	162195	115.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	526362	77.97	ng	-0.02
78) Terphenyl-d14	20.09	244	941709	79.14	ng	-0.02
Target Compounds						Qvalue

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

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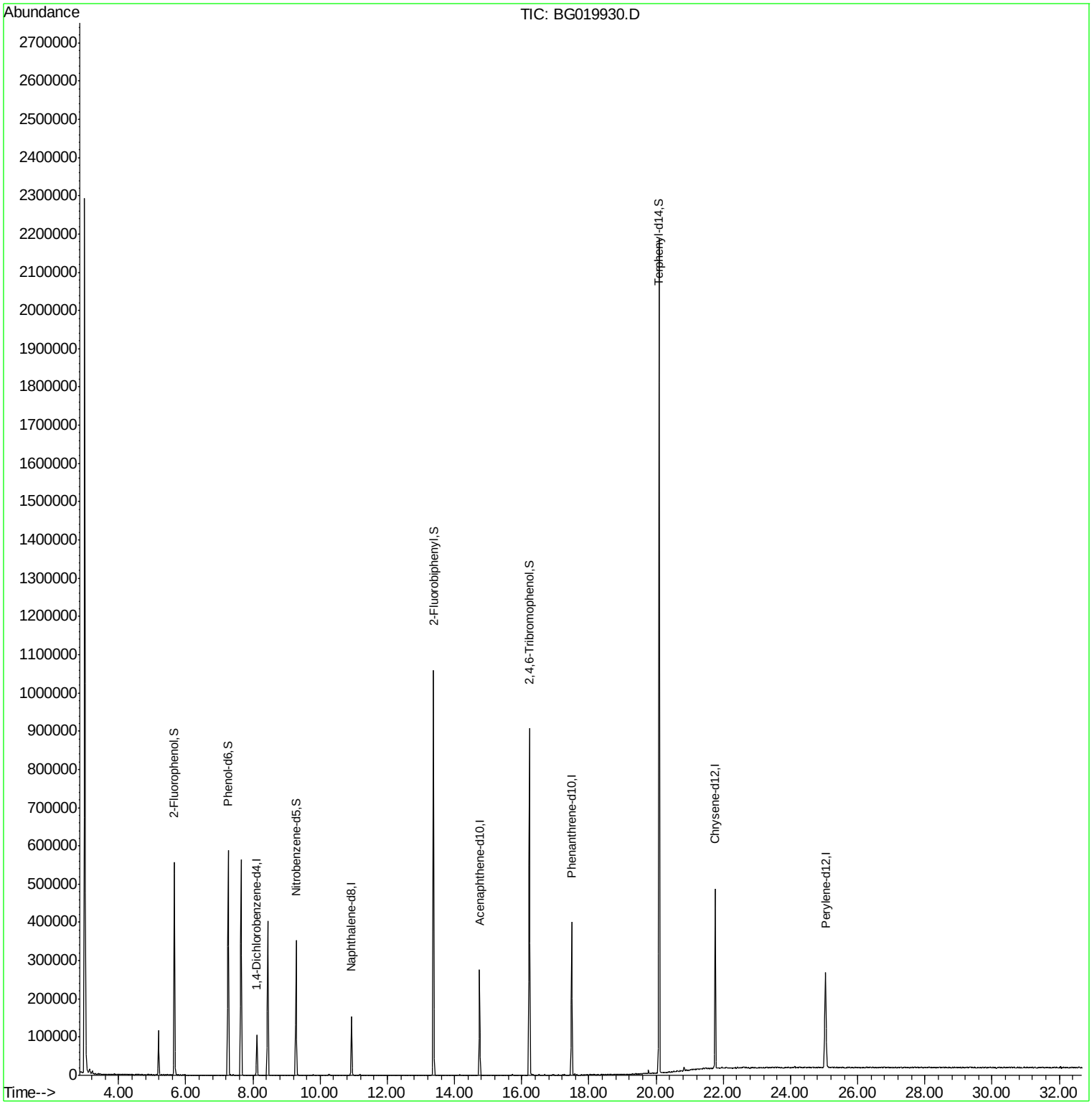
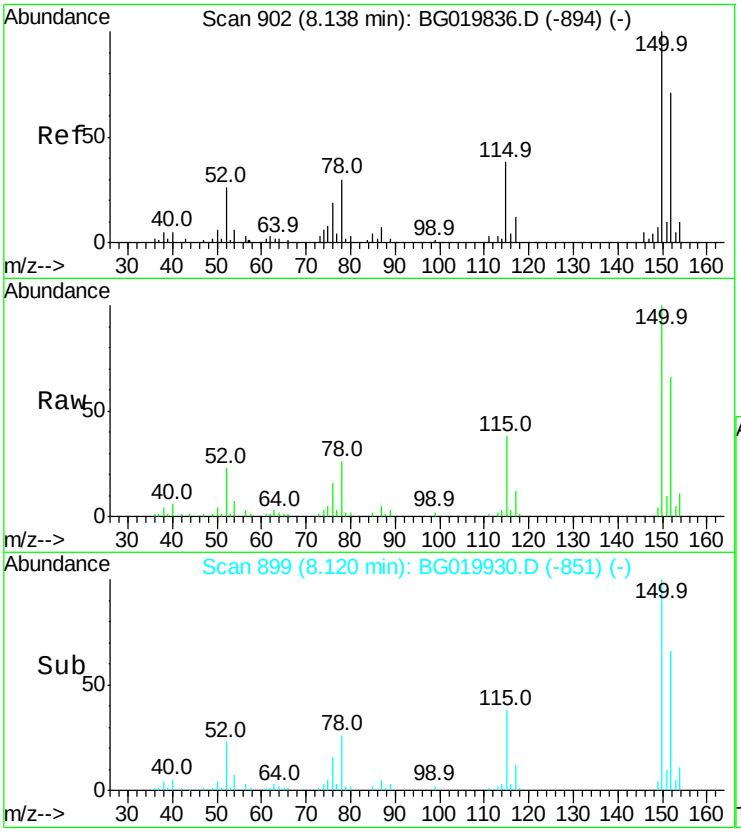


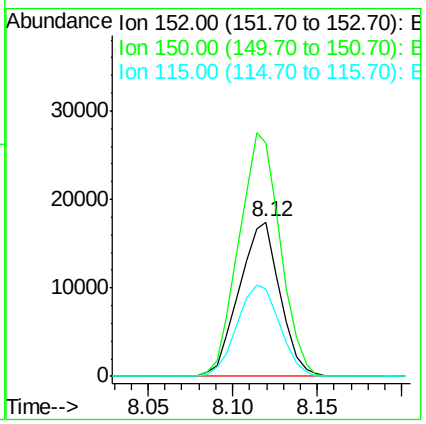


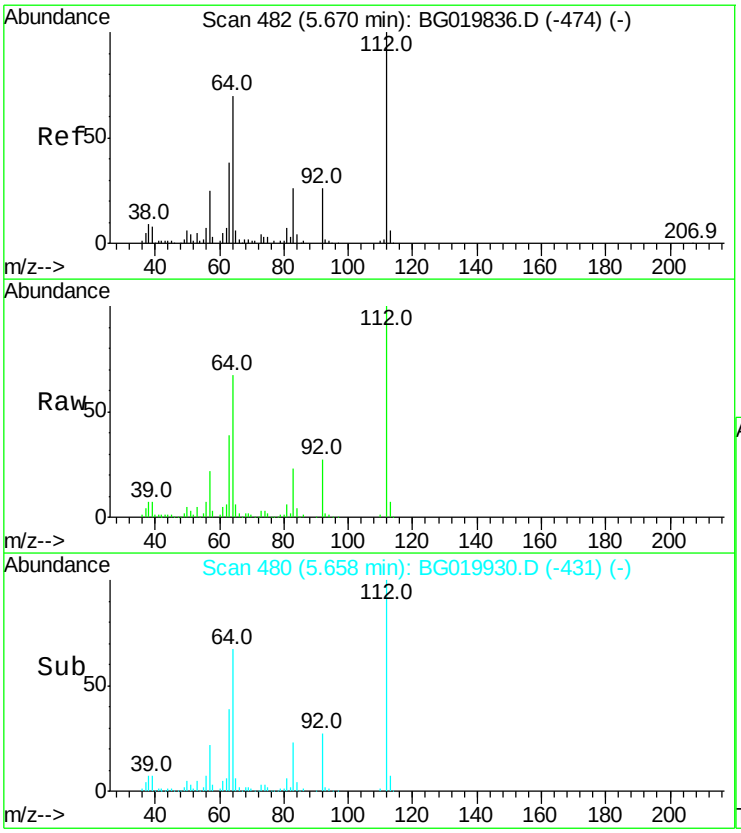
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Instrument :
BNA_G
ClientSampleId :
PB86951BL

Tgt Ion:152 Resp: 29212

Ion	Ratio	Lower	Upper
152	100		
150	151.0	115.0	172.4
115	56.9	43.9	65.9

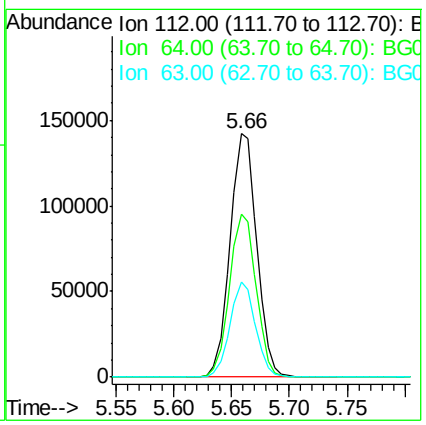


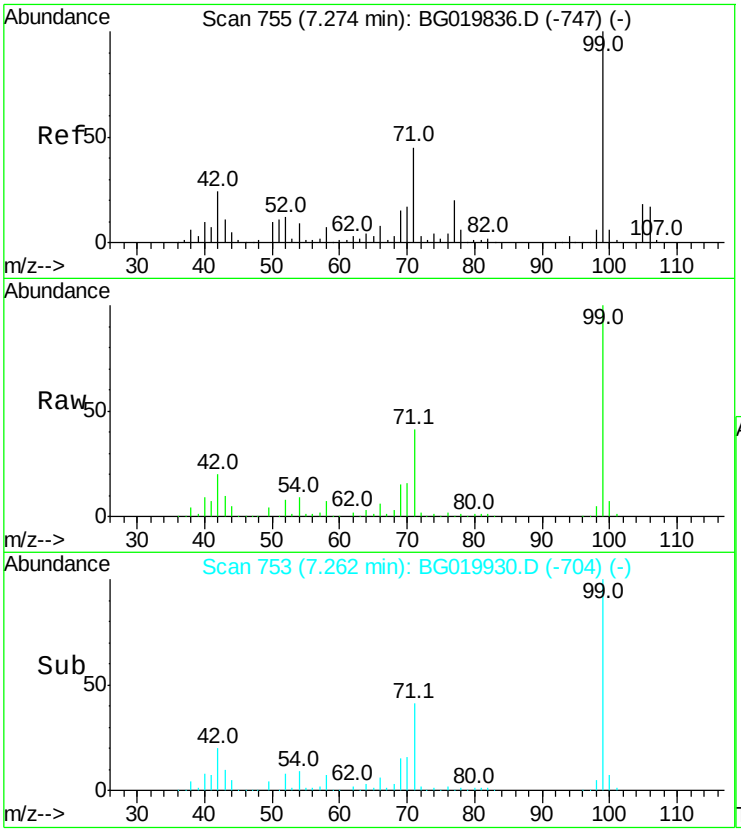


#5
2-Fluorophenol
Concen: 140.89 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Tgt Ion:112 Resp: 227717

Ion	Ratio	Lower	Upper
112	100		
64	67.1	43.7	65.5#
63	39.2	24.0	36.0#



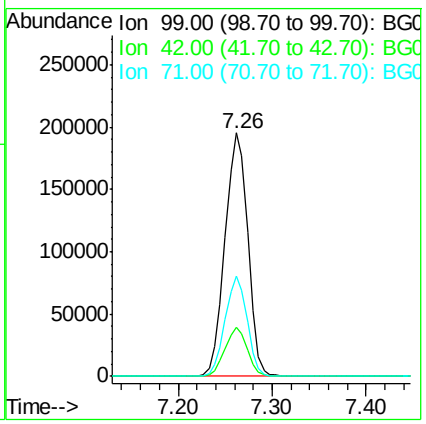


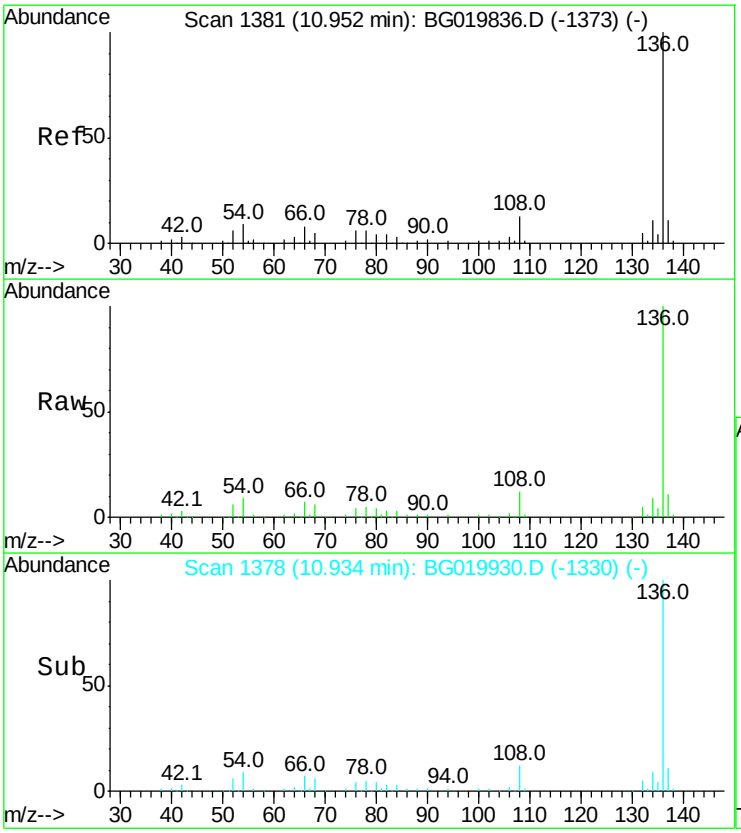
#7
Phenol-d6
Concen: 134.78 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Instrument :
BNA_G
ClientSampleId :
PB86951BL

Tgt Ion: 99 Resp: 328911

Ion	Ratio	Lower	Upper
99	100		
42	20.1	11.5	17.3#
71	41.1	22.6	34.0#

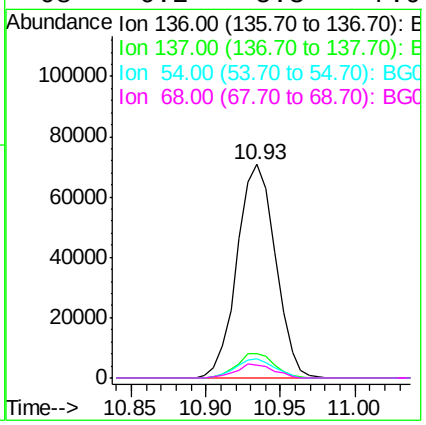


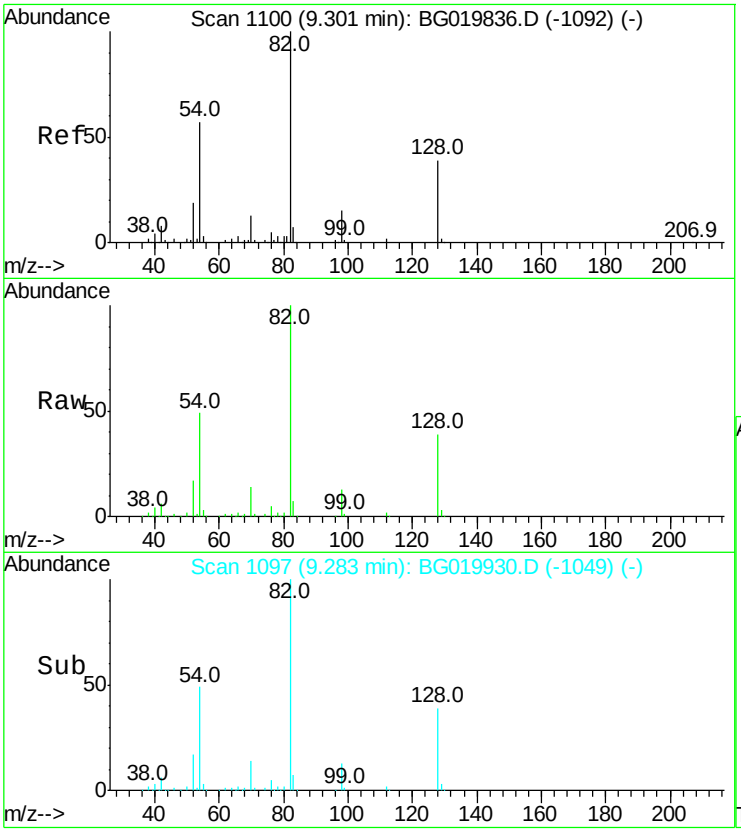


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Tgt Ion:136 Resp: 126158

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	8.7	5.4	8.2#
68	6.2	5.3	7.9



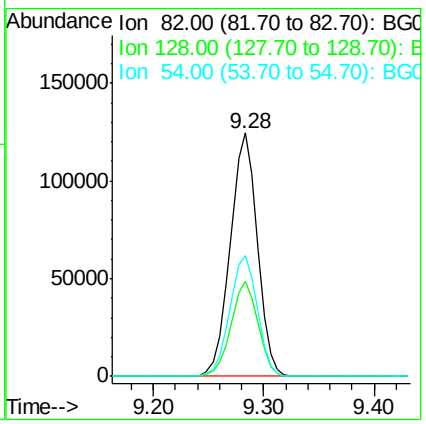


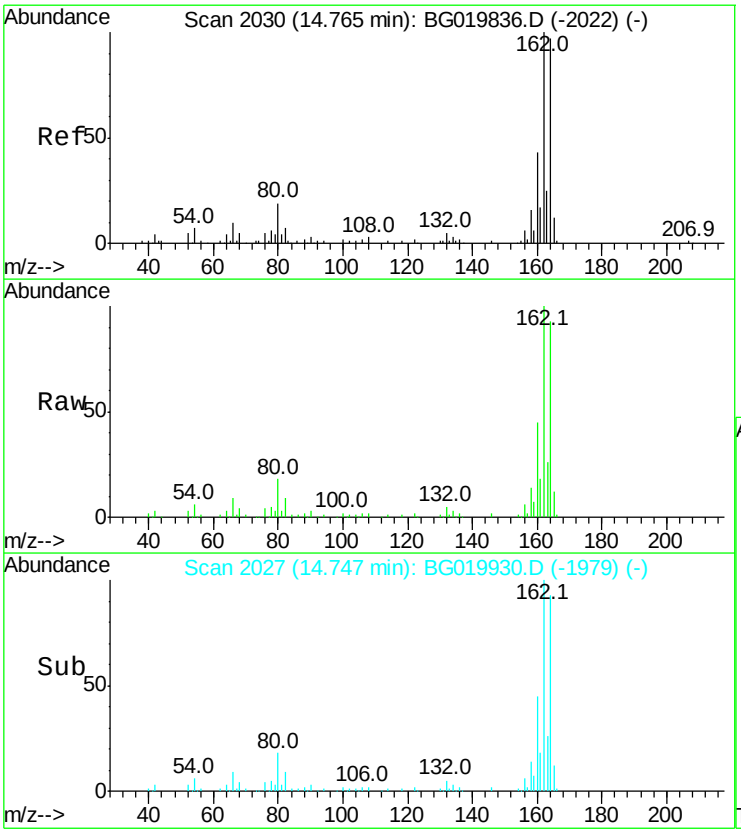
#23
Nitrobenzene-d5
Concen: 86.83 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Instrument :
BNA_G
ClientSampleId :
PB86951BL

Tgt Ion: 82 Resp: 214636

Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.7	55.1
54	49.4	33.8	50.8

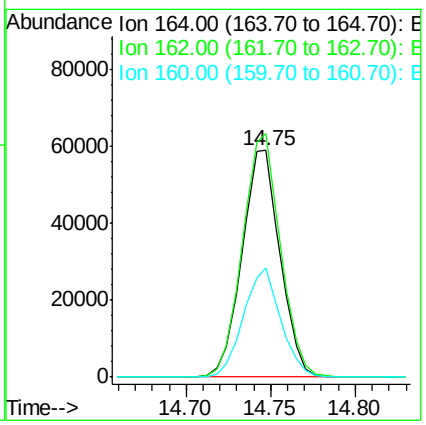


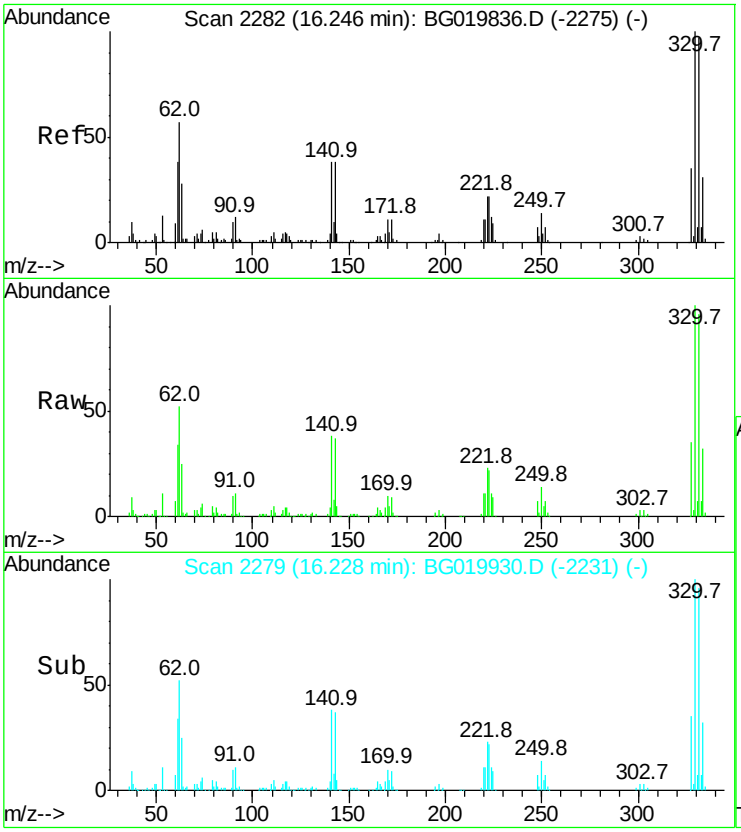


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Tgt Ion:164 Resp: 92175

Ion	Ratio	Lower	Upper
164	100		
162	107.6	78.8	118.2
160	48.2	36.4	54.6



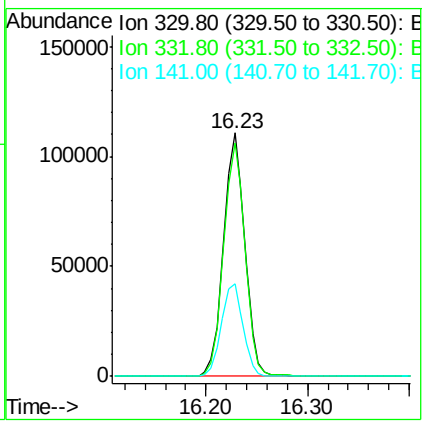


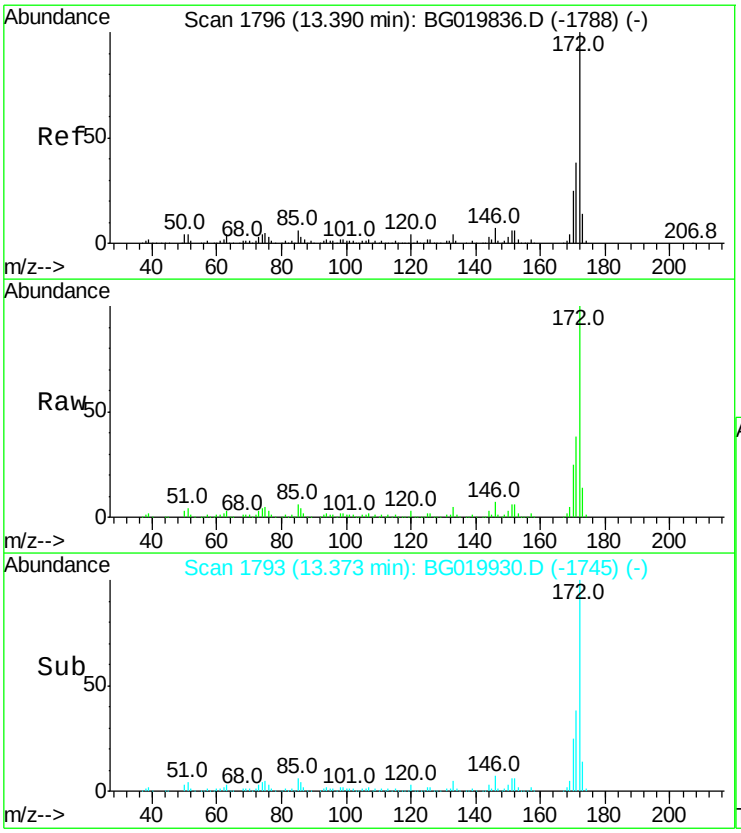
#41
2,4,6-Tribromophenol
Concen: 115.00 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Instrument :
BNA_G
ClientSampleId :
PB86951BL

Tgt Ion:330 Resp: 162195

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	38.9	28.2	42.2

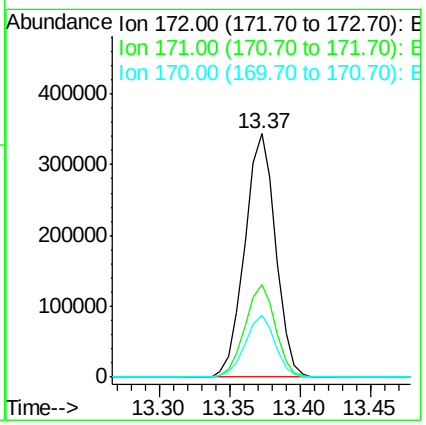


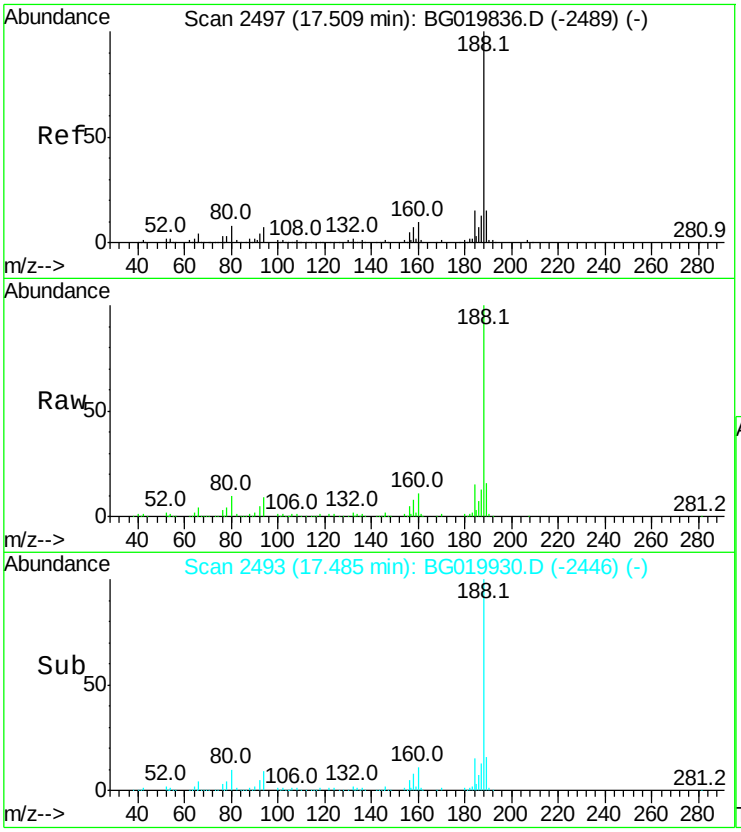


#44
2-Fluorobiphenyl
Concen: 77.97 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Tgt Ion:172 Resp: 526362

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	25.4	19.9	29.9



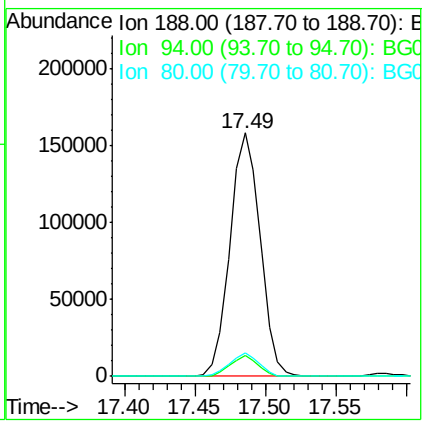


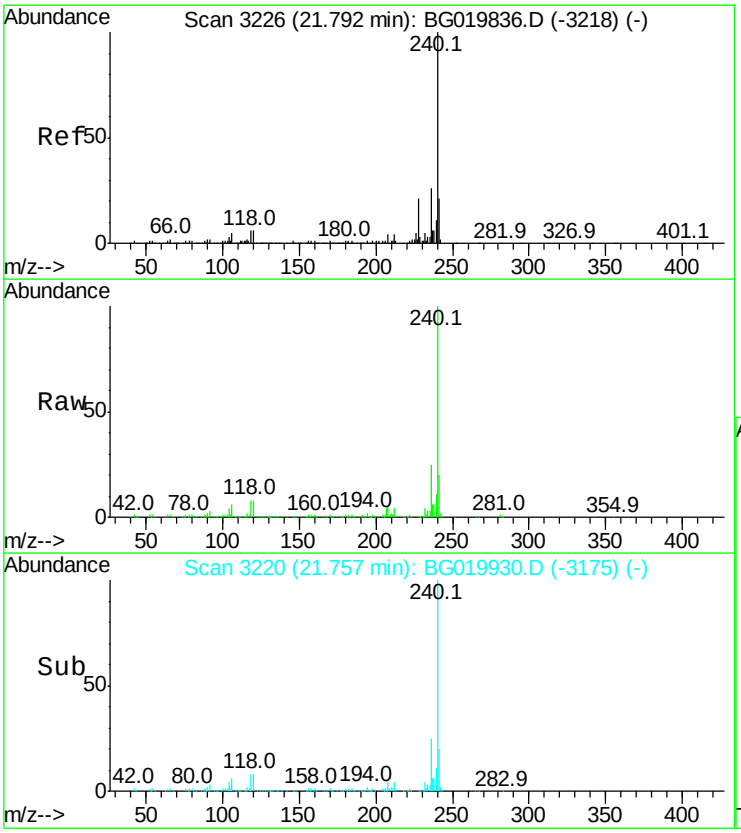
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Instrument :
BNA_G
ClientSampleId :
PB86951BL

Tgt Ion:188 Resp: 235362

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.7	11.5
80	9.7	7.8	11.8

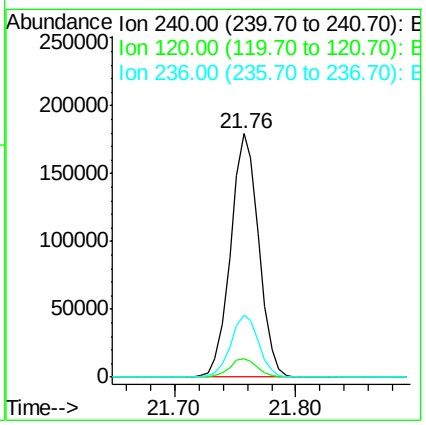


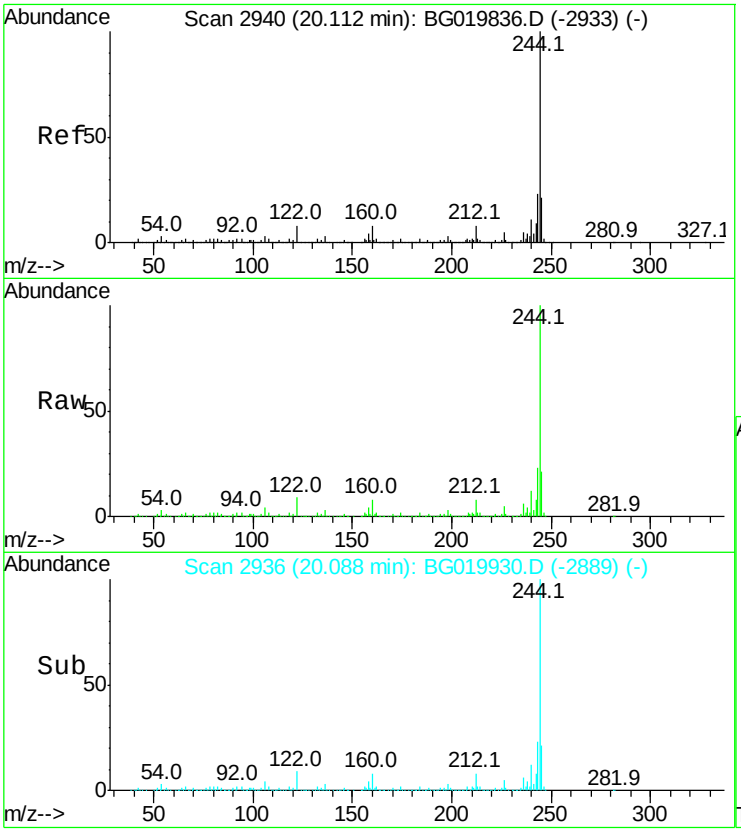


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Tgt Ion:240 Resp: 290227

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.4	11.0
236	25.3	20.7	31.1



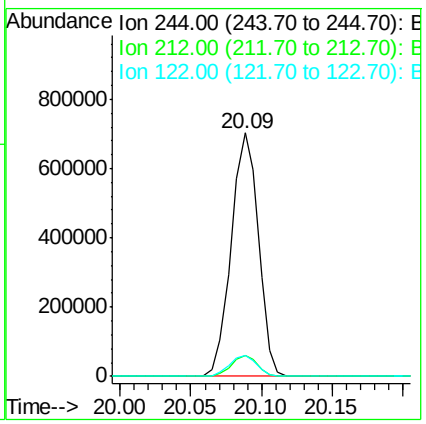


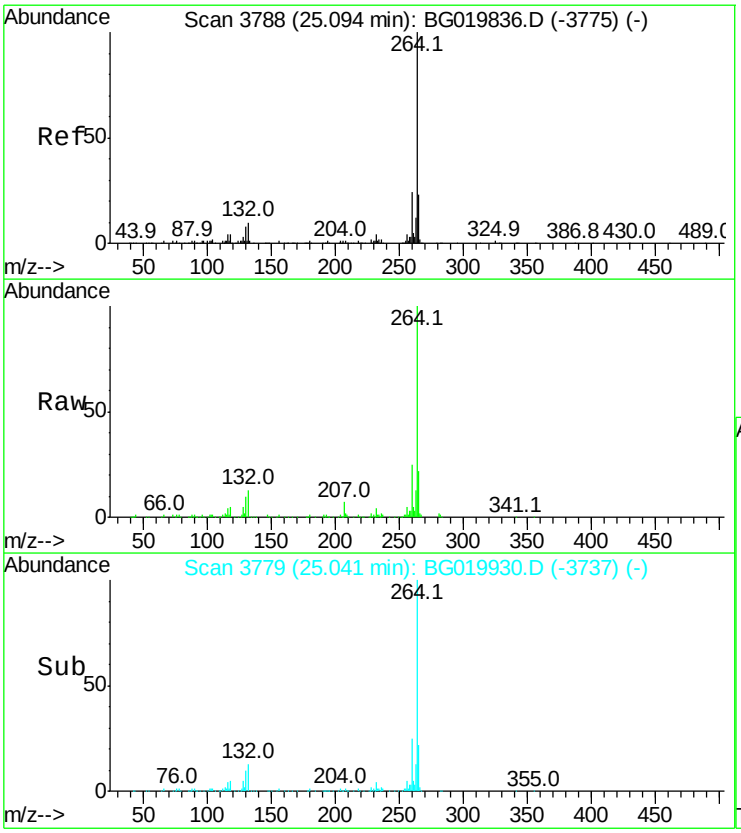
#78
Terphenyl-d14
Concen: 79.14 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Instrument :
BNA_G
ClientSampleId :
PB86951BL

Tgt Ion:244 Resp: 941709

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.6	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019930.D
Acq: 5 Dec 2015 7:23

Tgt Ion:264 Resp: 269314

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.5	27.7
265	21.7	17.2	25.8