Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041117\
Data File : BG026630.D
Acq On : 11 Apr 2017 23:44
Operator : SJ/MA
Sample : I2595-06
Misc : For Confirmation
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GRID-4

Quant Time: Apr 12 05:28:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	162980	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	645571	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	368953	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	989363	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1215154	20.00	ng	-0.02
86) Perylene-d12	24.78	264	424904	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1265621	137.83	ng	0.00
7) Phenol-d6	7.20	99	1525104	123.71	ng	0.00
23) Nitrobenzene-d5	9.19	82	923085	85.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	787621	186.41	ng	-0.02
44) 2-Fluorobiphenyl	13.27	172	2512280	95.49	ng	-0.02
78) Terphenyl-d14	19.97	244	3886120	77.67	ng	-0.02
Target Compounds						Qvalue

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

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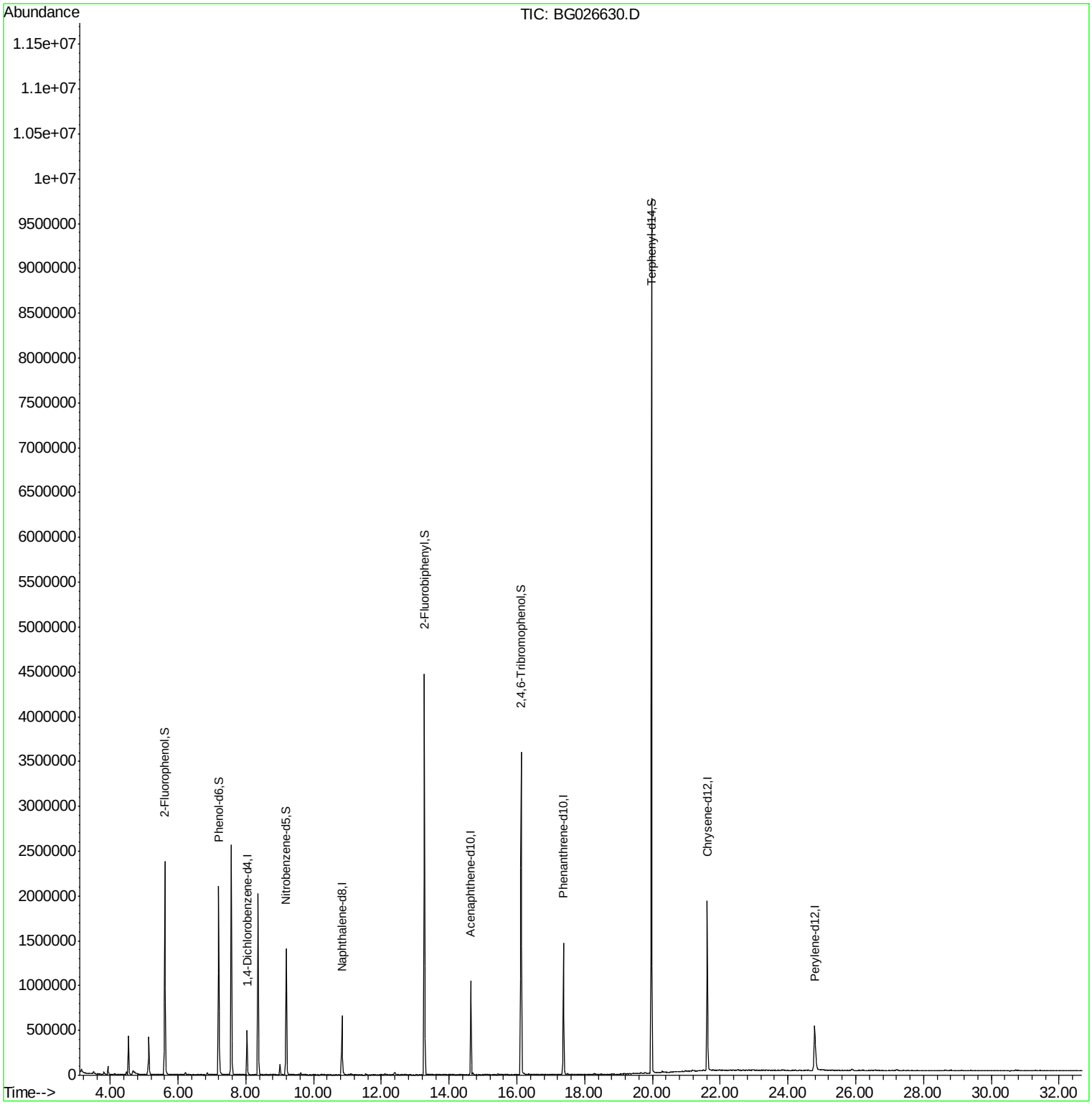
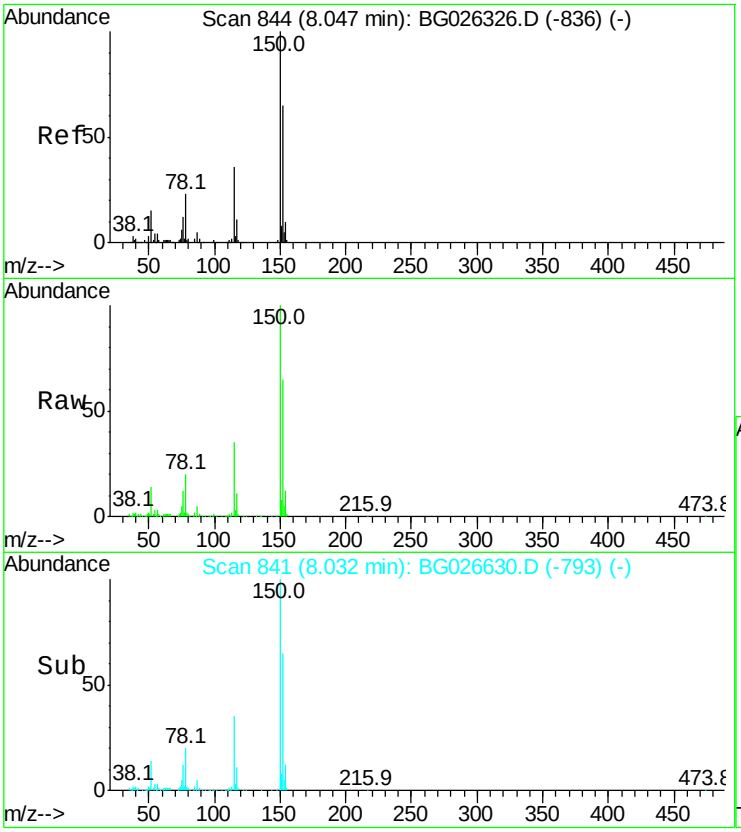


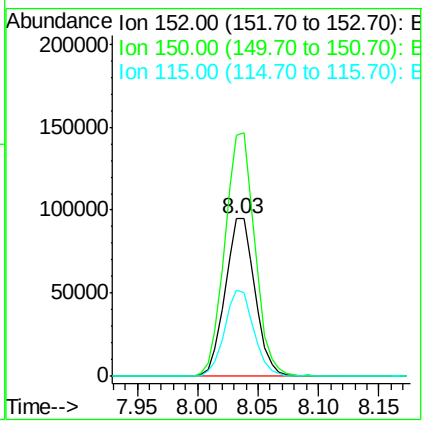


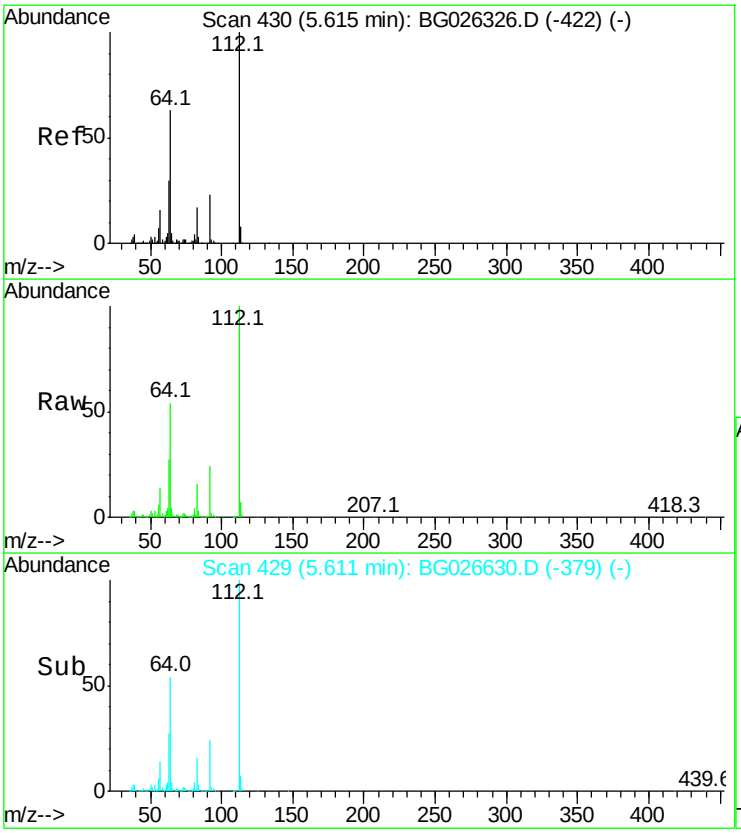
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Instrument :
BNA_G
ClientSampleId :
GRID-4

Tgt Ion:152 Resp: 162980

Ion	Ratio	Lower	Upper
152	100		
150	153.3	114.0	171.0
115	54.4	48.1	72.1

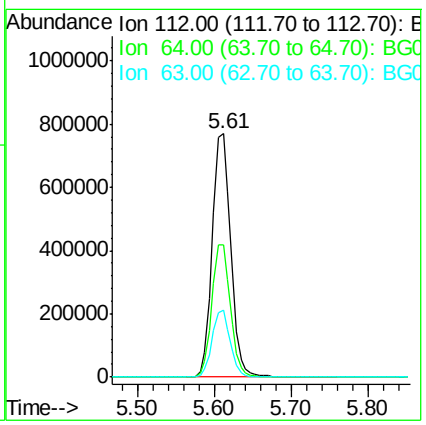


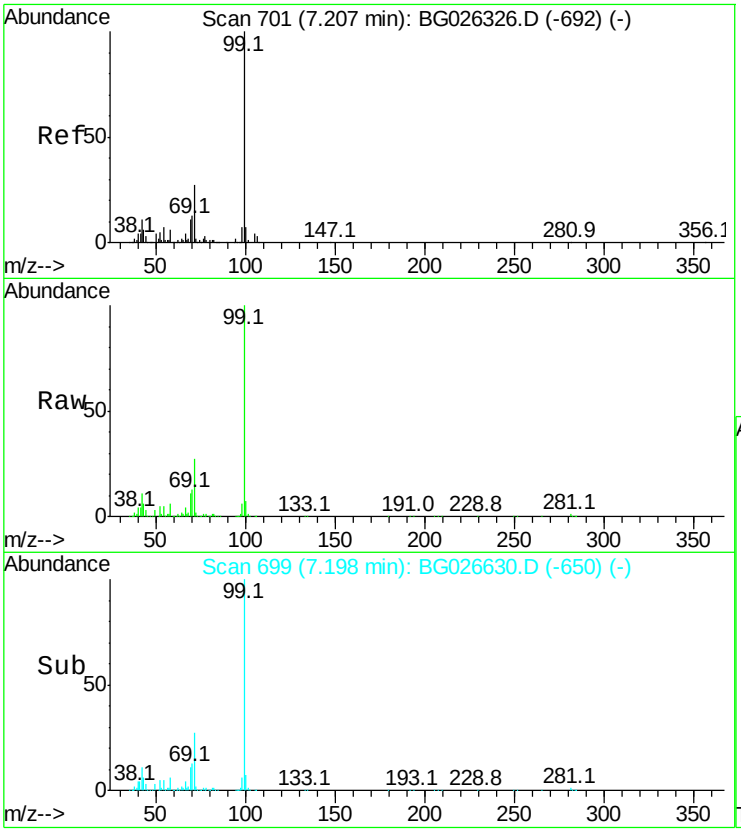


#5
2-Fluorophenol
Concen: 137.83 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Tgt Ion:112 Resp: 1265621

Ion	Ratio	Lower	Upper
112	100		
64	54.5	61.8	92.6#
63	27.3	37.2	55.8#



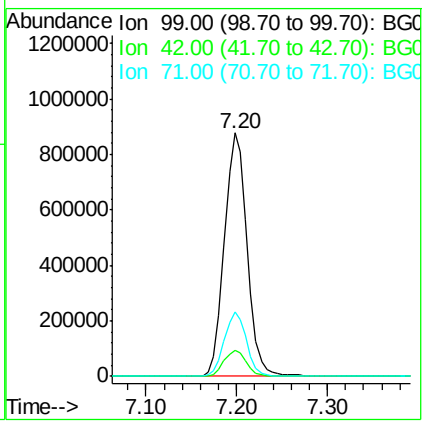


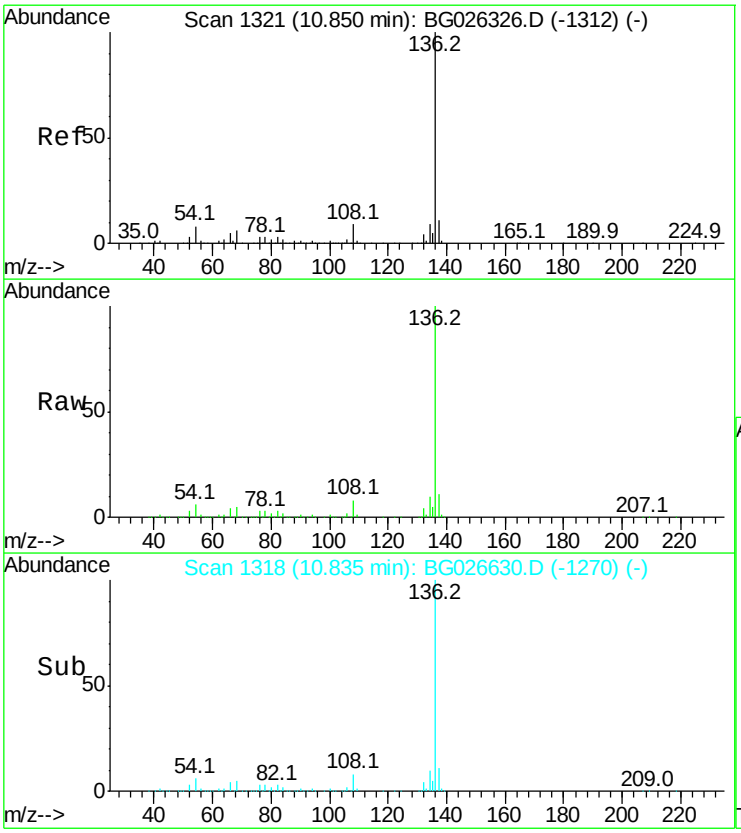
#7
Phenol-d6
Concen: 123.71 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Instrument :
BNA_G
ClientSampleId :
GRID-4

Tgt Ion: 99 Resp: 1525104

Ion	Ratio	Lower	Upper
99	100		
42	10.7	20.5	30.7#
71	26.5	37.6	56.4#

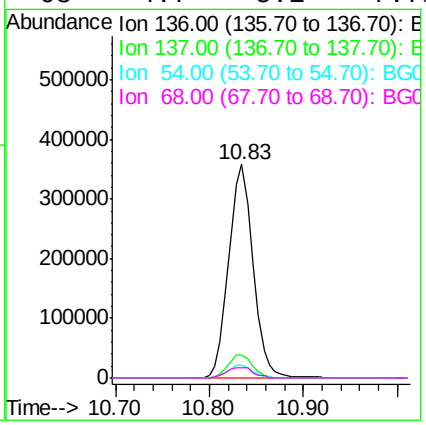


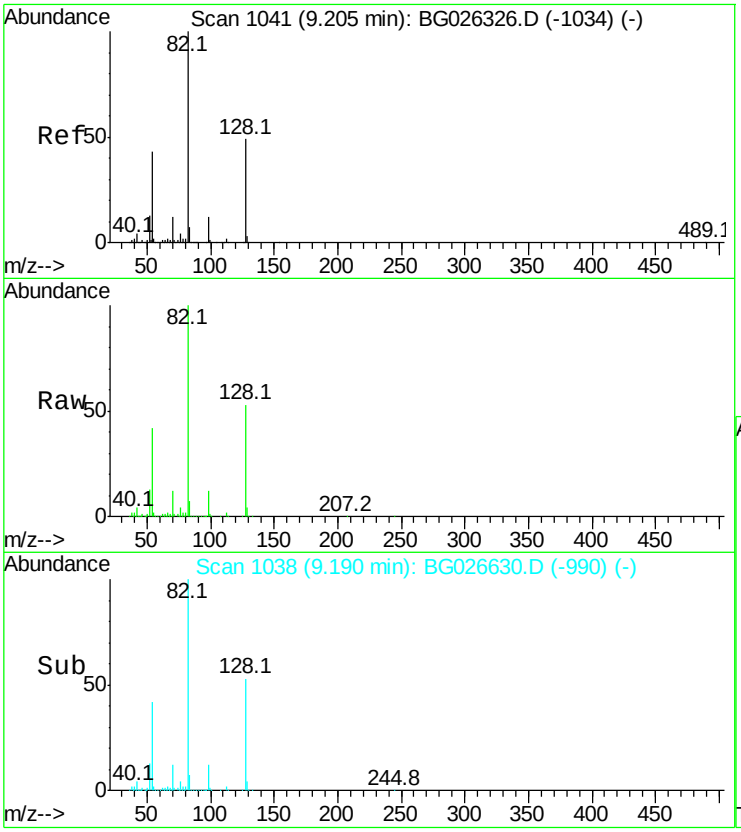


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Tgt Ion:136 Resp: 645571

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.7	9.3	13.9#
68	4.7	5.1	7.7#



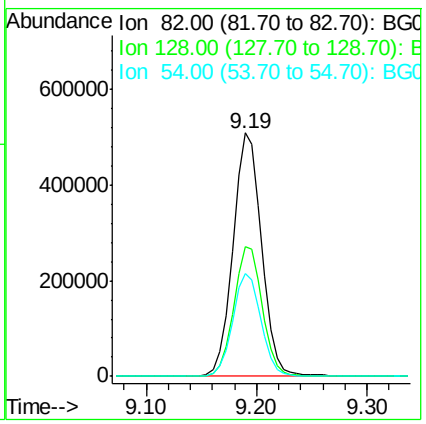


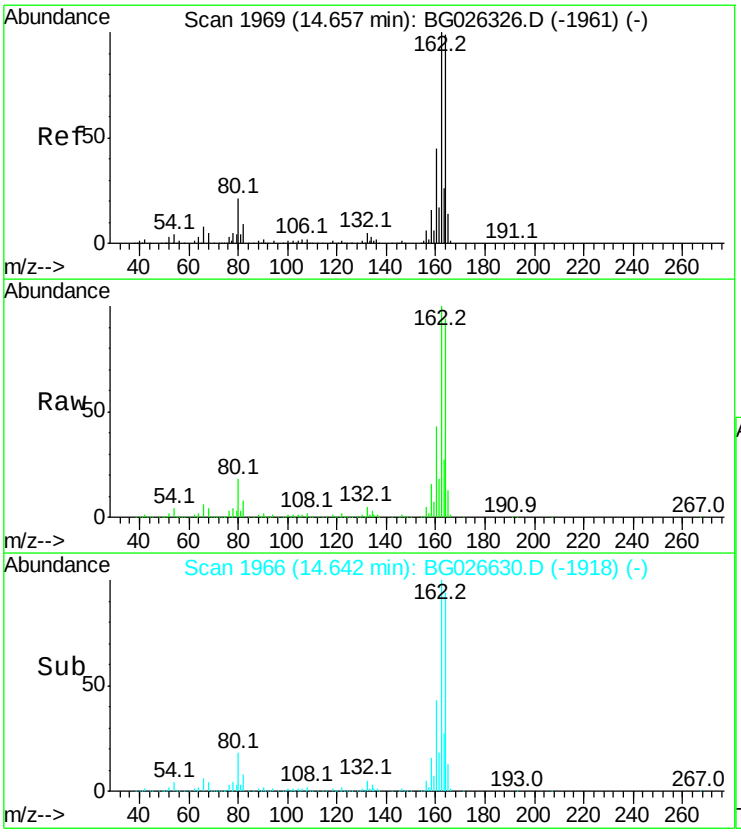
#23
Nitrobenzene-d5
Concen: 85.98 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Instrument :
BNA_G
ClientSampleId :
GRID-4

Tgt Ion: 82 Resp: 923085

Ion	Ratio	Lower	Upper
82	100		
128	53.1	26.4	39.6#
54	42.1	49.4	74.2#

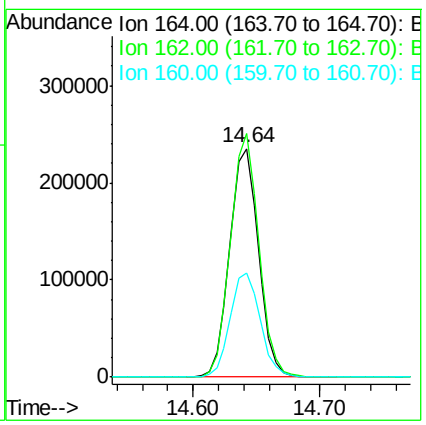


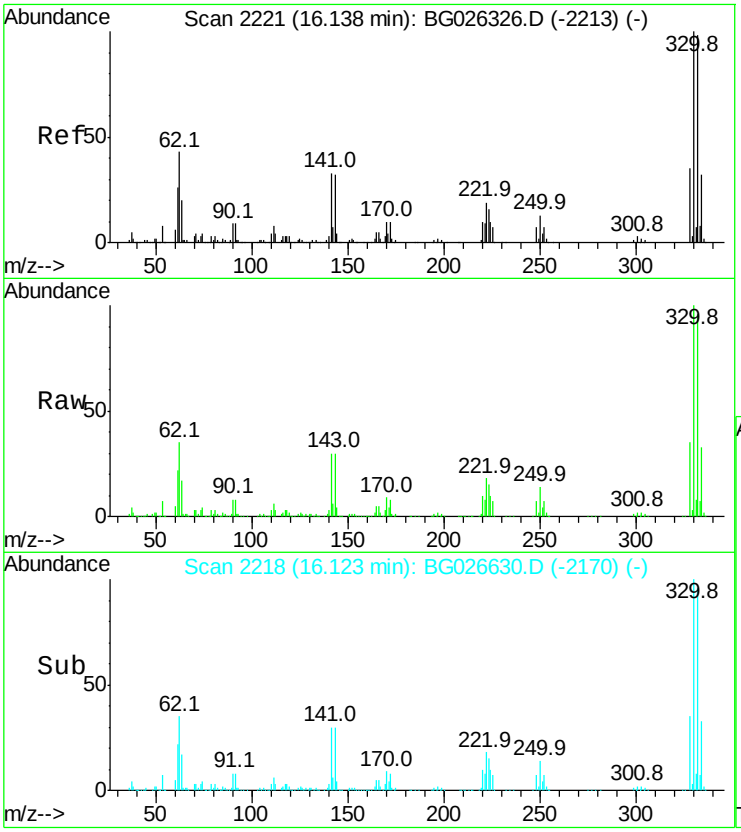


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Tgt Ion:164 Resp: 368953

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	45.3	34.7	52.1



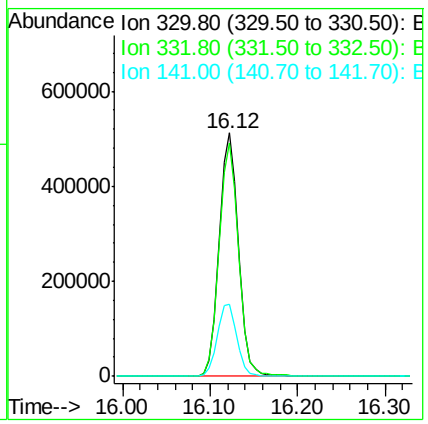


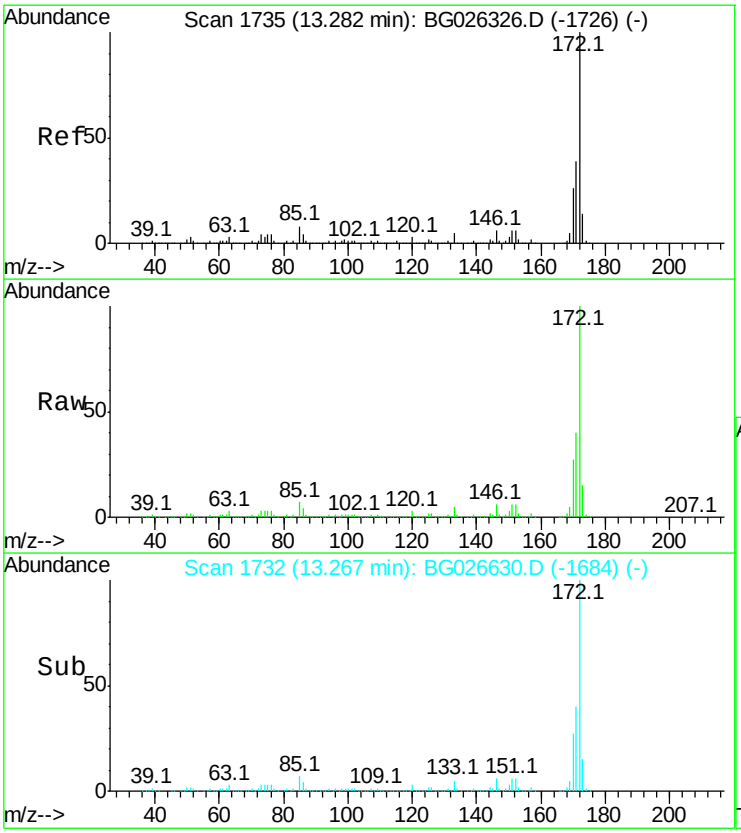
#41
2,4,6-Tribromophenol
Concen: 186.41 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Instrument :
BNA_G
ClientSampleId :
GRID-4

Tgt Ion:330 Resp: 787621

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	30.3	32.1	48.1#

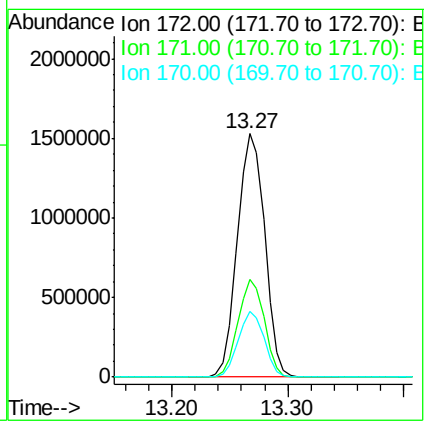


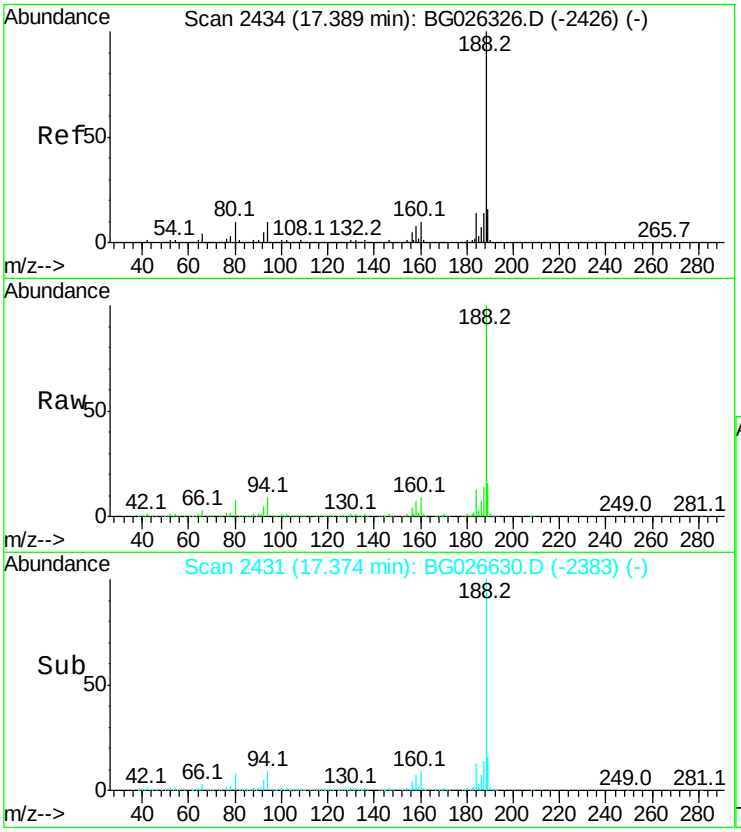


#44
2-Fluorobiphenyl
Concen: 95.49 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Tgt Ion:172 Resp: 2512280

Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.2	48.2
170	26.7	21.8	32.6



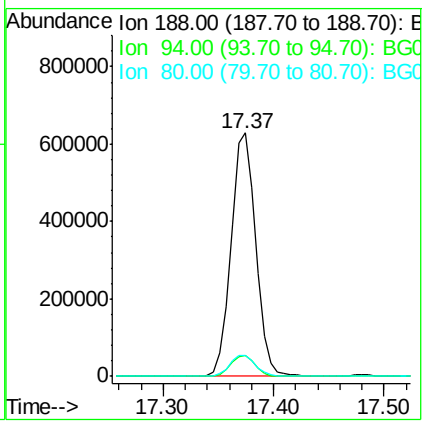


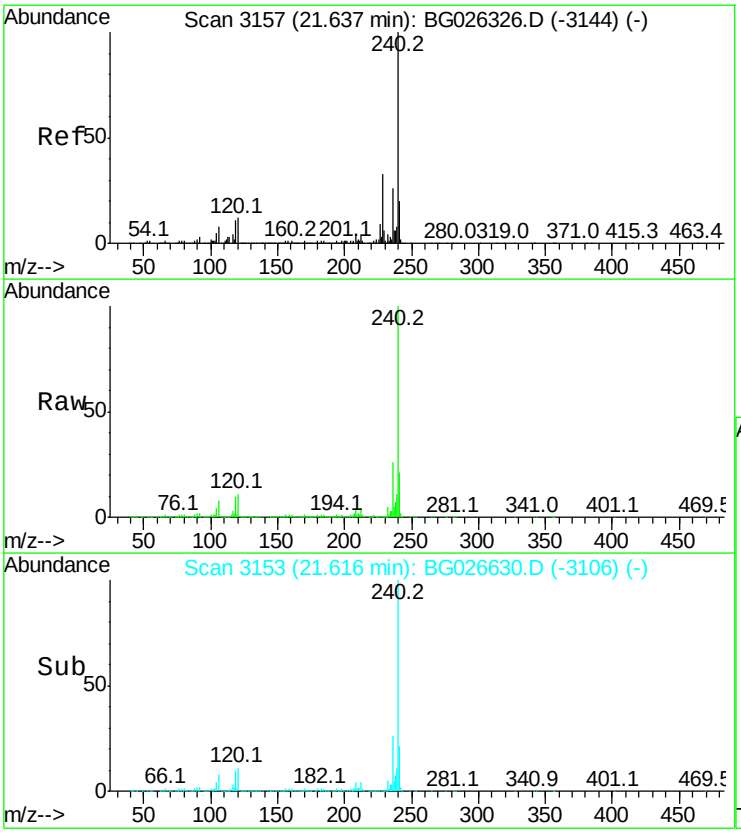
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Instrument :
BNA_G
ClientSampleId :
GRID-4

Tgt Ion:188 Resp: 989363

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.8	8.8
80	8.5	7.5	11.3

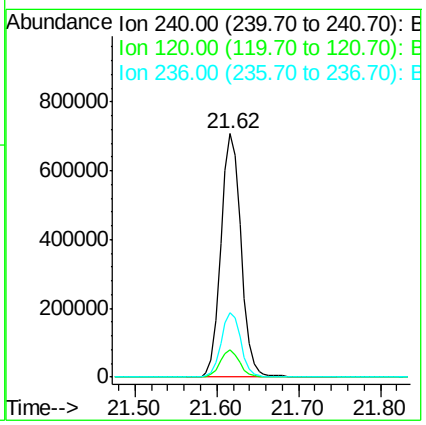


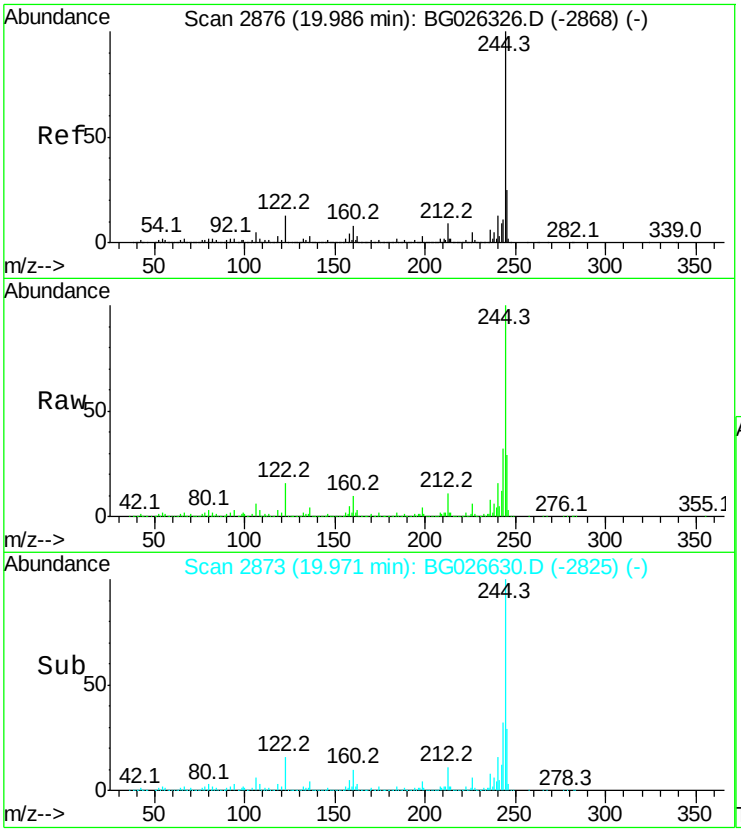


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Tgt Ion:240 Resp: 1215154

Ion	Ratio	Lower	Upper
240	100		
120	11.1	5.7	8.5#
236	26.3	22.2	33.4



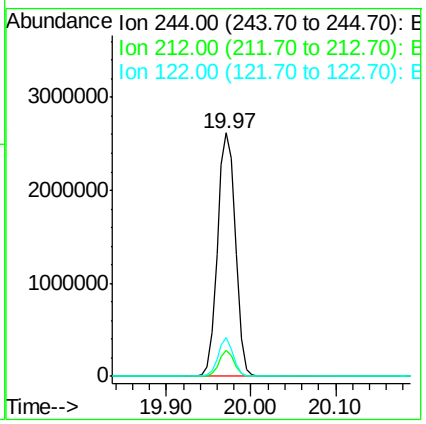


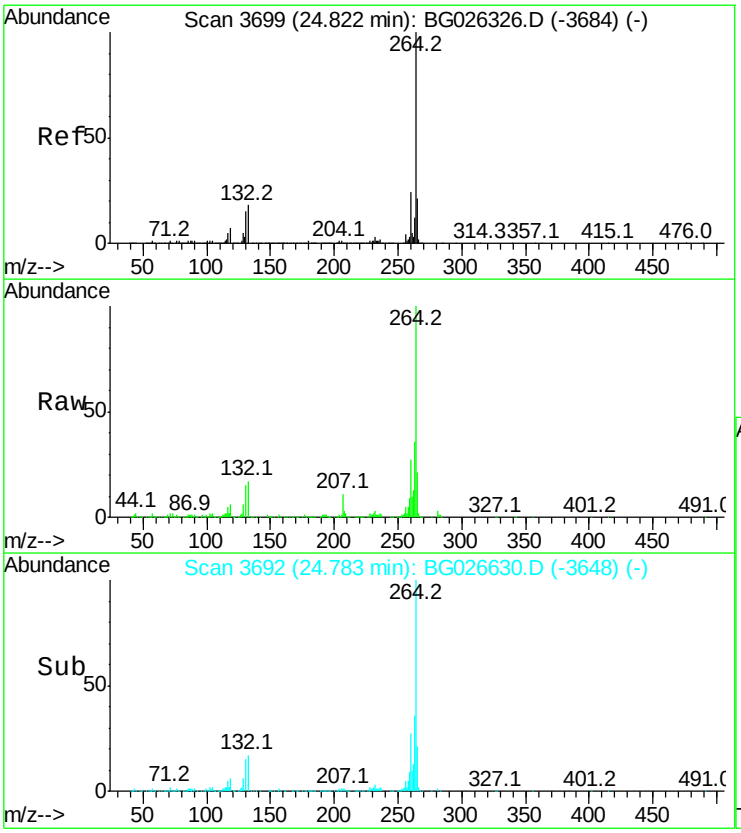
#78
Terphenyl-d14
Concen: 77.67 ng
RT: 19.97 min Scan# 2873
Delta R.T. -0.02 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Instrument :
BNA_G
ClientSampleId :
GRID-4

Tgt Ion:244 Resp: 3886120

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.0	15.0
122	15.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.04 min
Lab File: BG026630.D
Acq: 11 Apr 2017 23:44

Tgt Ion:264 Resp: 424904

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	20.8	18.2	27.4