Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026676.D
Acq On : 20 Apr 2017 4:48
Operator : SJ/MA
Sample : I2752-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-215-COMP

Quant Time: Apr 20 07:19:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	166384	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	702787	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	423873	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1183878	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1297033	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1075762	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1326617	144.95	ng	0.00
7) Phenol-d6	7.22	99	1654667	137.97	ng	0.02
23) Nitrobenzene-d5	9.19	82	978300	97.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	906104	153.42	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2621766	92.12	ng	-0.02
78) Terphenyl-d14	19.97	244	3871317	88.12	ng	-0.01
Target Compounds						Qvalue

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

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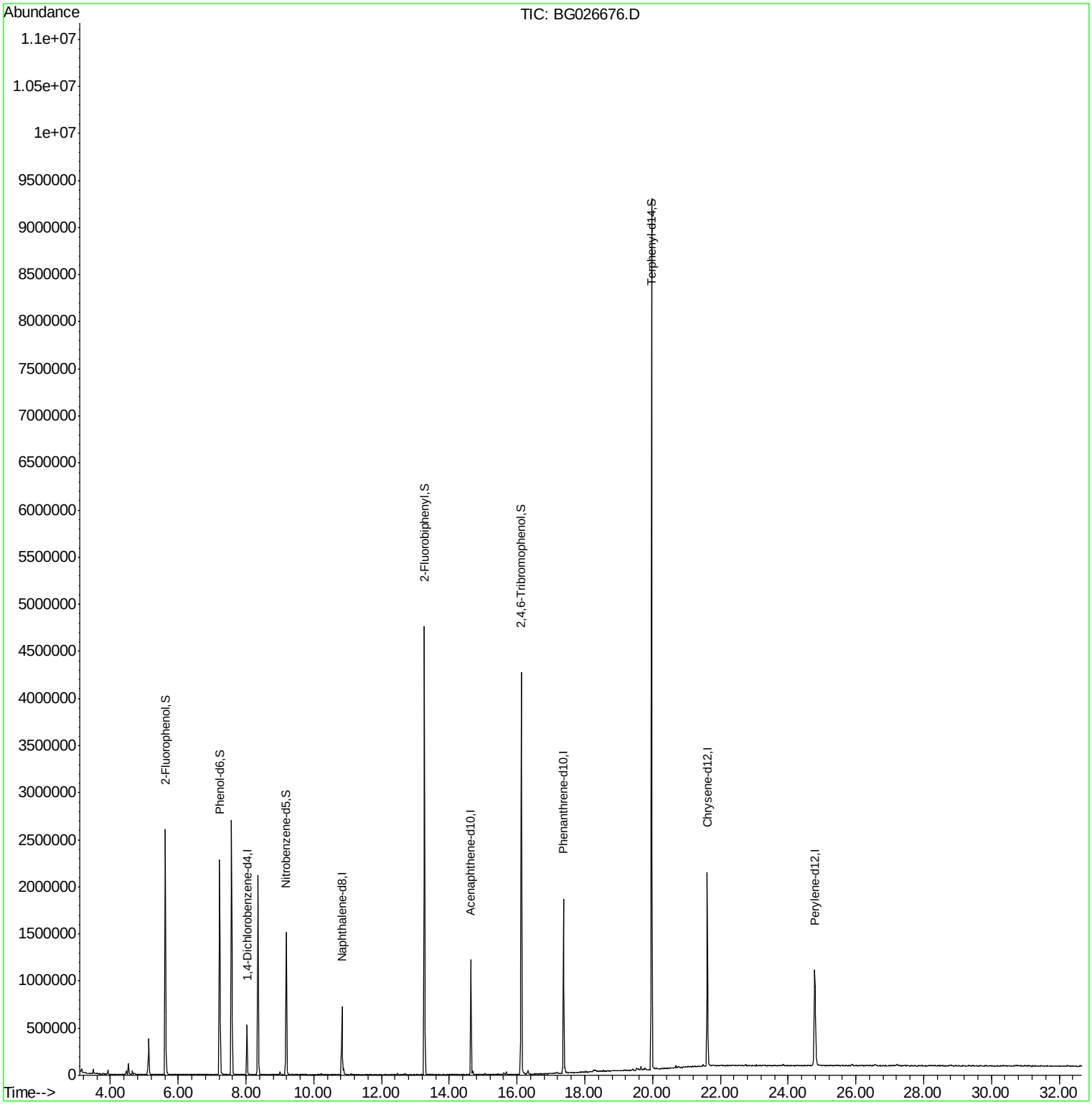
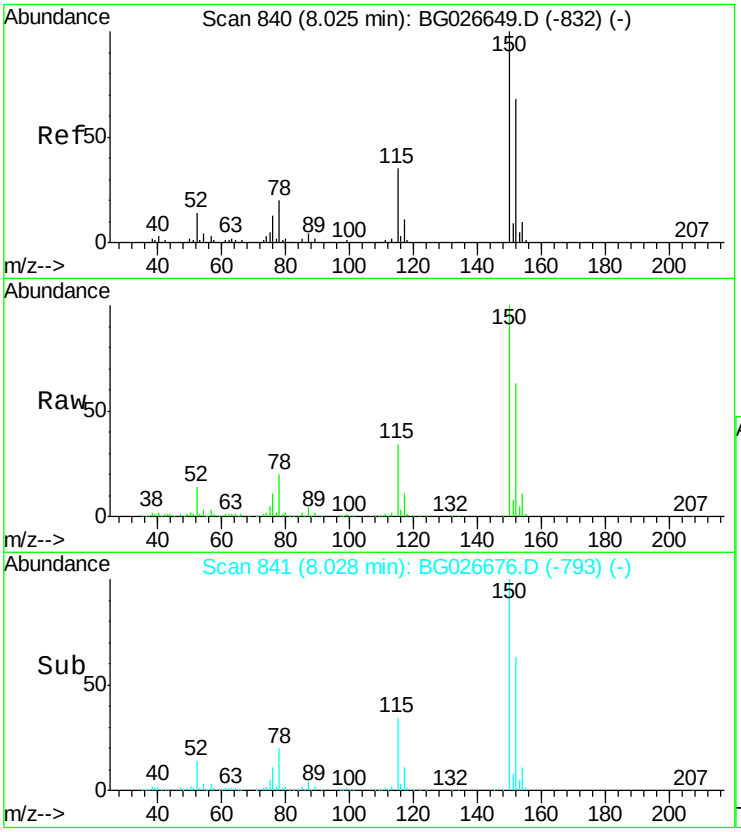


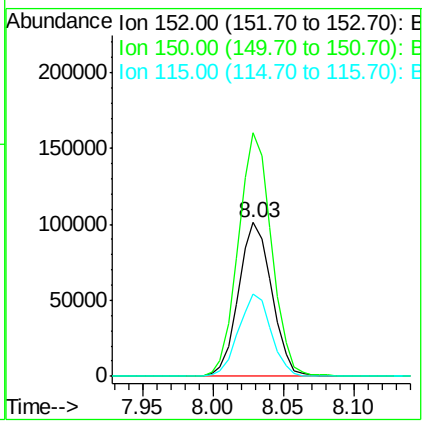


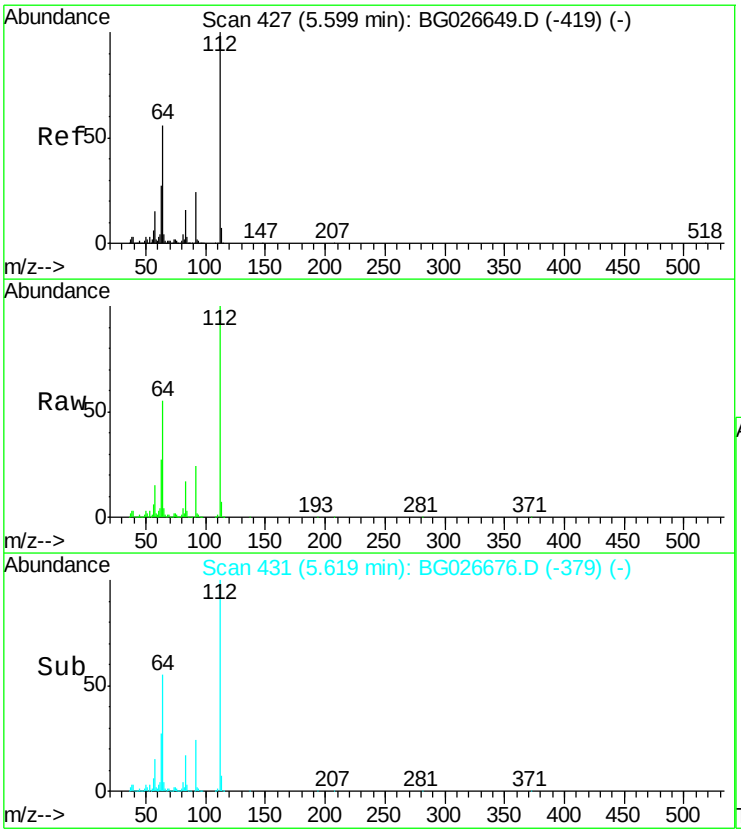
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Instrument :
BNA_G
ClientSampleId :
VNJ-215-COMP

Tgt Ion:152 Resp: 166384

Ion	Ratio	Lower	Upper
152	100		
150	158.3	114.0	171.0
115	53.3	48.1	72.1

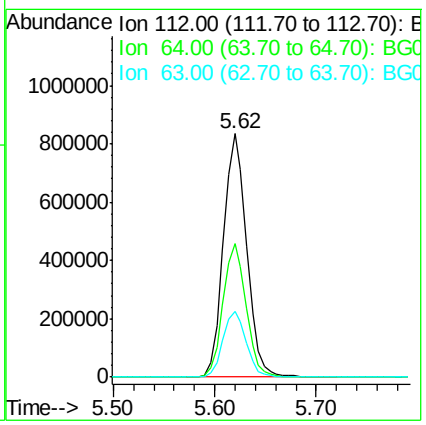


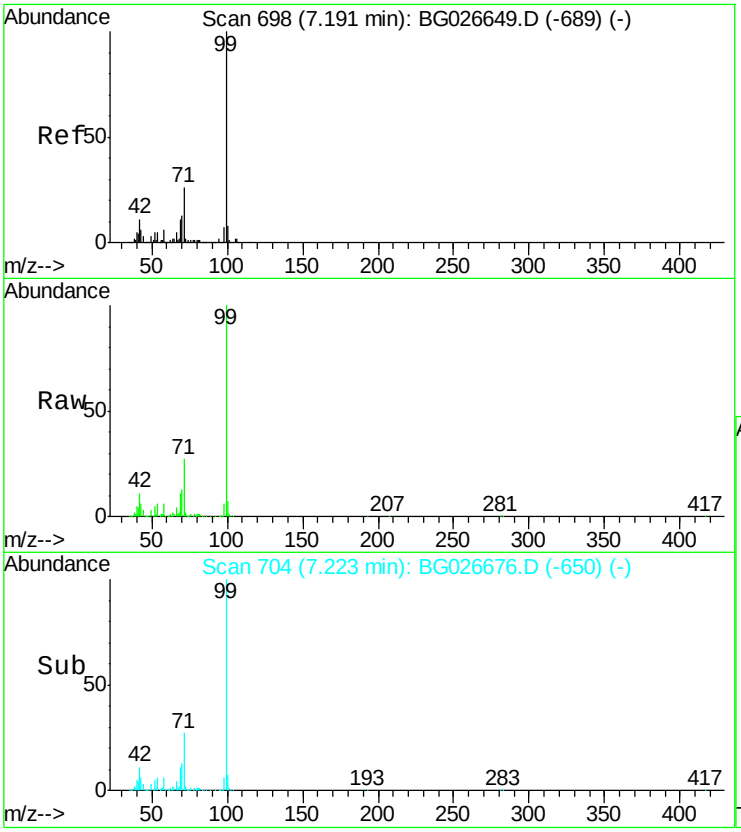


#5
2-Fluorophenol
Concen: 144.95 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Tgt Ion:112 Resp: 1326617

Ion	Ratio	Lower	Upper
112	100		
64	54.8	61.8	92.6#
63	26.8	37.2	55.8#



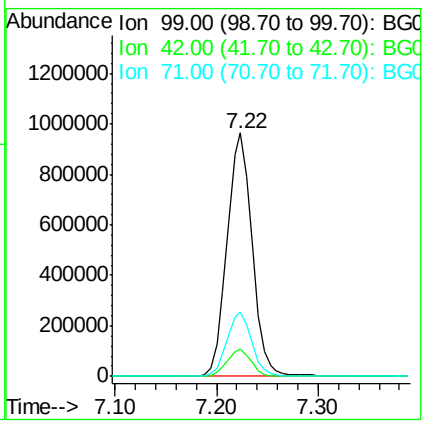


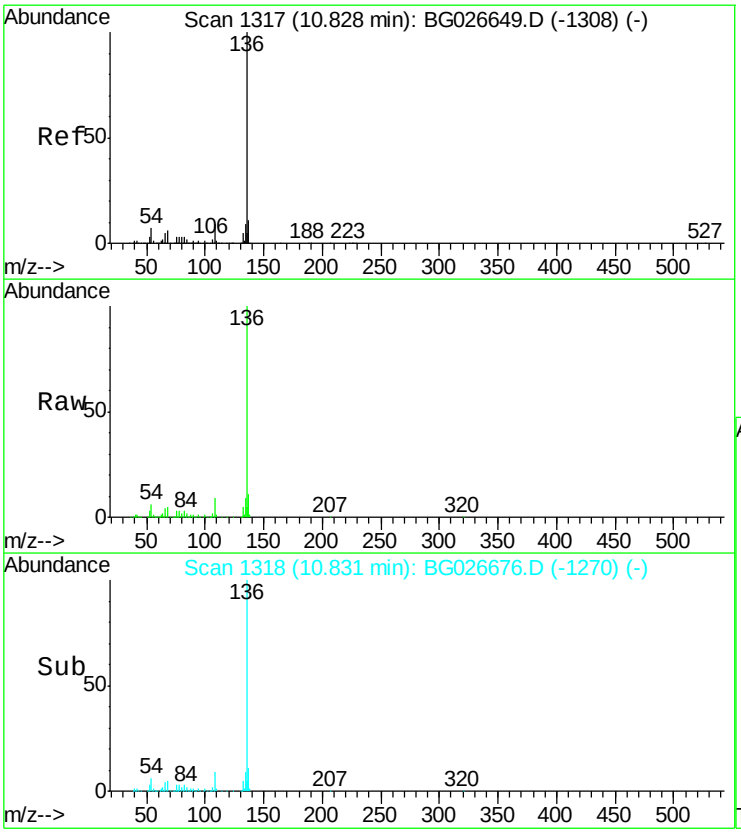
#7
Phenol-d6
Concen: 137.97 ng
RT: 7.22 min Scan# 704
Delta R.T. 0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Instrument :
BNA_G
ClientSampleId :
VNJ-215-COMP

Tgt Ion: 99 Resp: 1654667

Ion	Ratio	Lower	Upper
99	100		
42	11.0	20.5	30.7#
71	26.6	37.6	56.4#

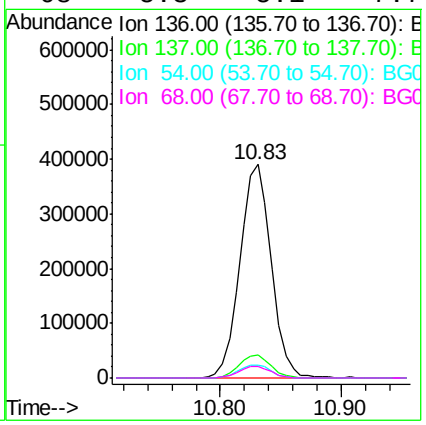


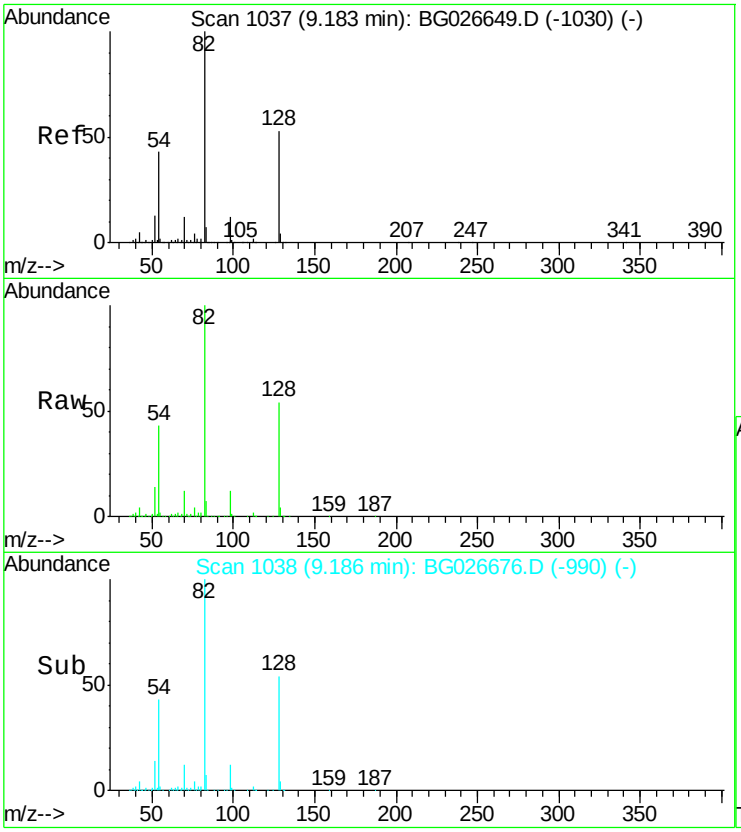


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Tgt Ion:136 Resp: 702787

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.1	9.3	13.9#
68	5.3	5.1	7.7



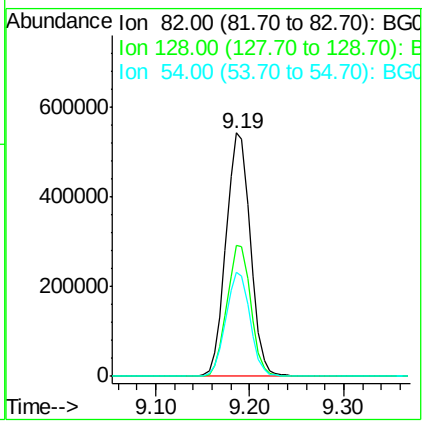


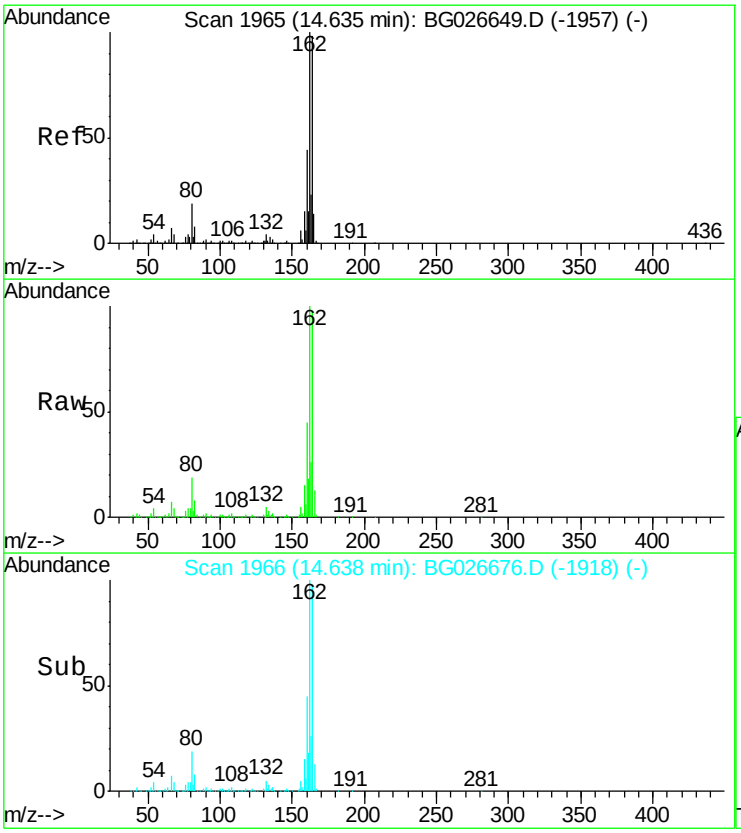
#23
Nitrobenzene-d5
Concen: 97.13 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Instrument :
BNA_G
ClientSampleId :
VNJ-215-COMP

Tgt Ion: 82 Resp: 978300

Ion	Ratio	Lower	Upper
82	100		
128	53.6	26.4	39.6#
54	42.5	49.4	74.2#

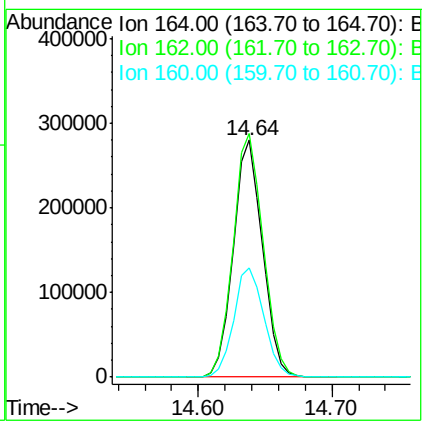


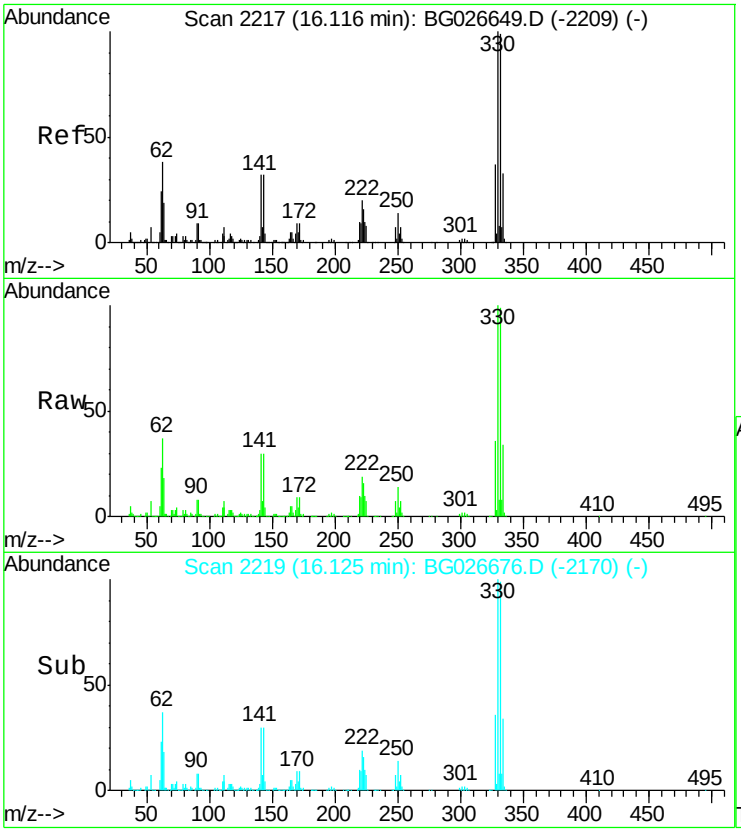


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Tgt Ion:164 Resp: 423873

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	46.2	34.7	52.1



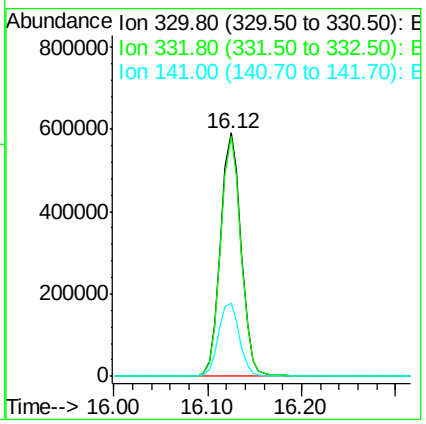


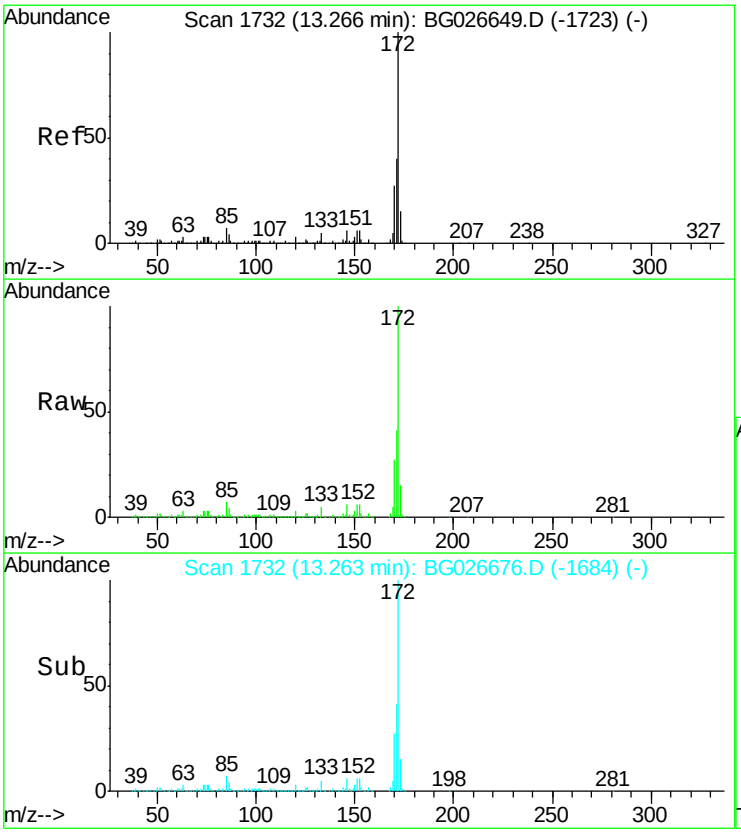
#41
2,4,6-Tribromophenol
Concen: 153.42 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Instrument :
BNA_G
ClientSampleId :
VNJ-215-COMP

Tgt Ion:330 Resp: 906104

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	30.8	32.1	48.1#

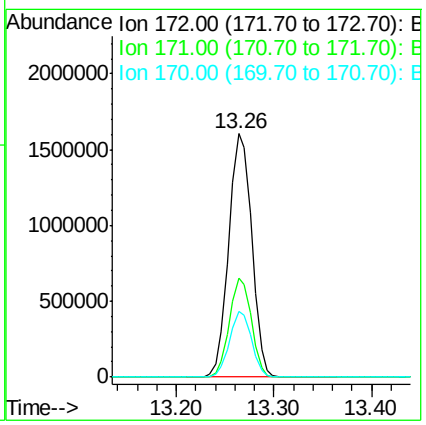


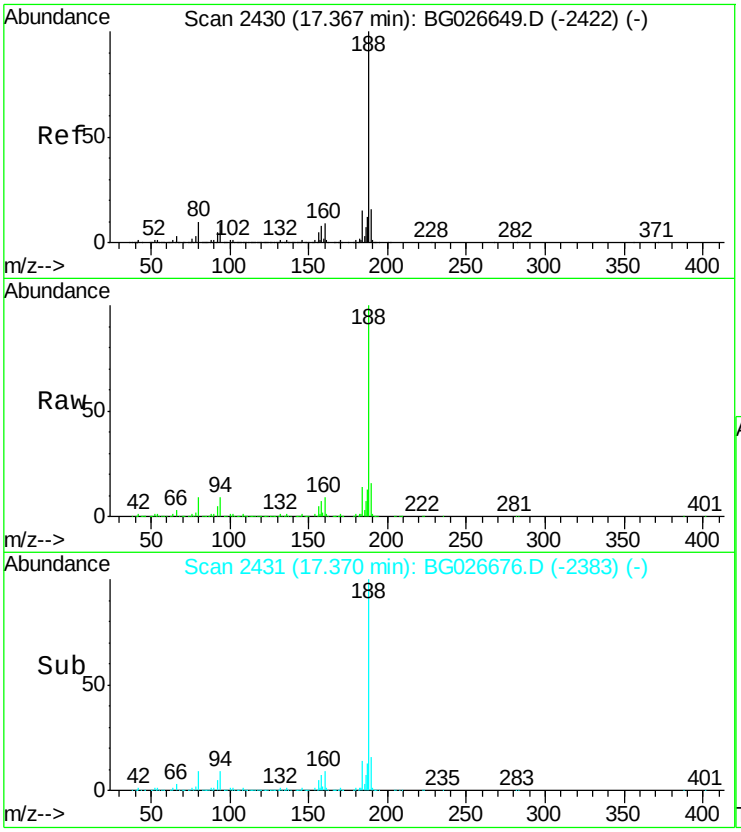


#44
2-Fluorobiphenyl
Concen: 92.12 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Tgt Ion:172 Resp: 2621766

Ion	Ratio	Lower	Upper
172	100		
171	40.8	32.2	48.2
170	27.1	21.8	32.6



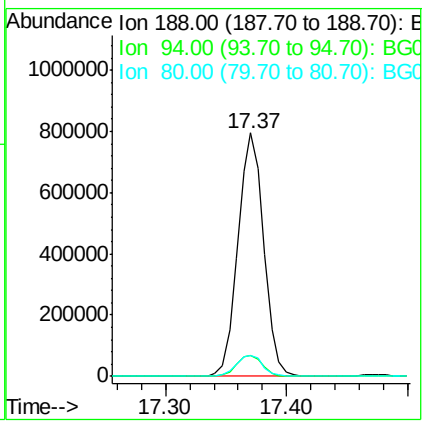


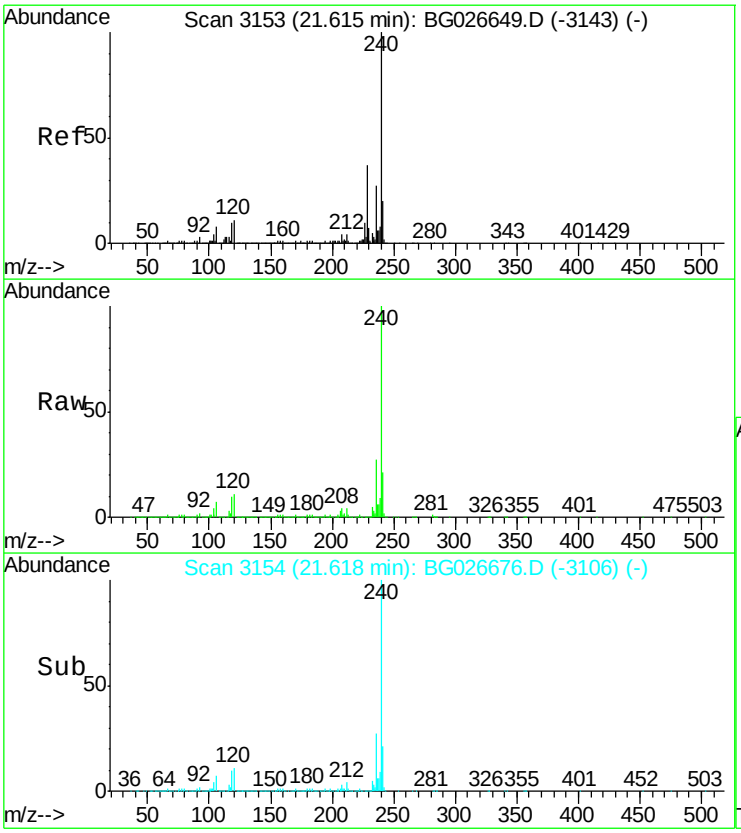
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Instrument :
BNA_G
ClientSampleId :
VNJ-215-COMP

Tgt Ion:188 Resp: 1183878

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

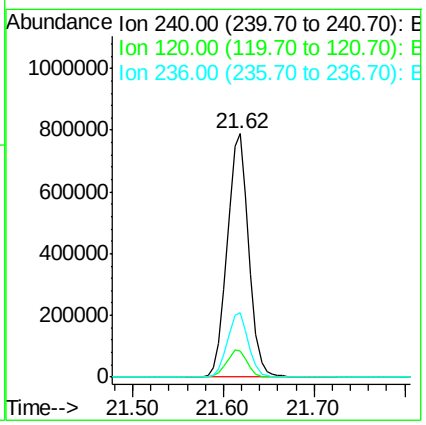


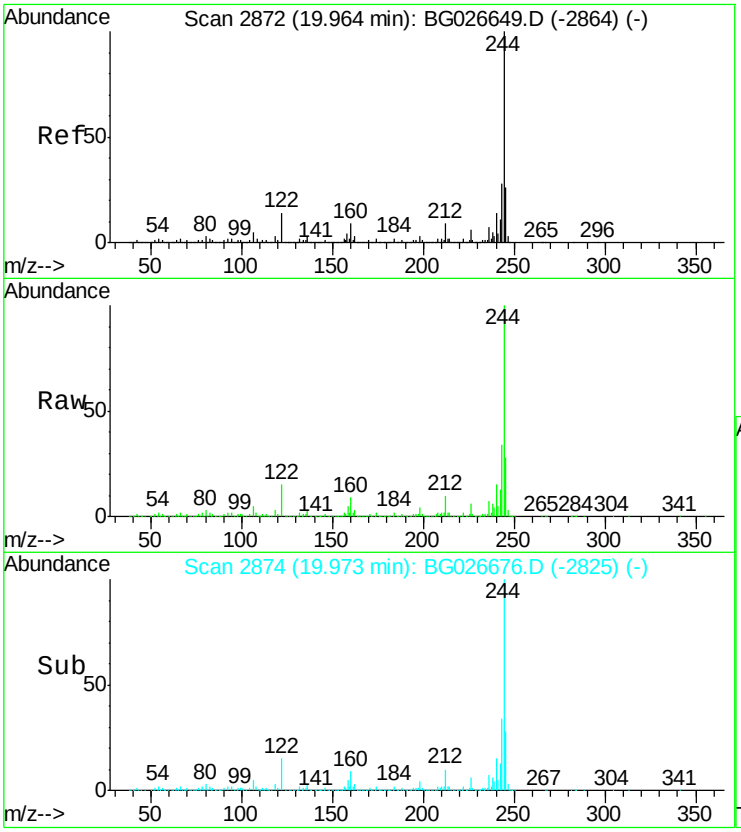


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Tgt Ion:240 Resp: 1297033

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.7	8.5#
236	26.5	22.2	33.4



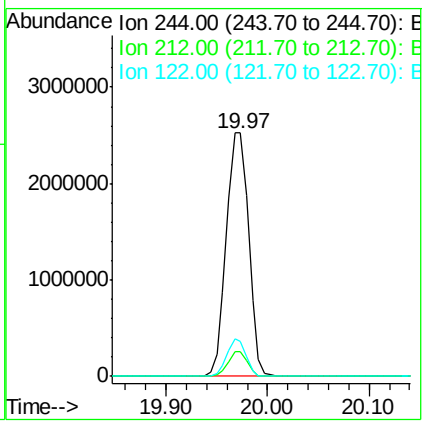


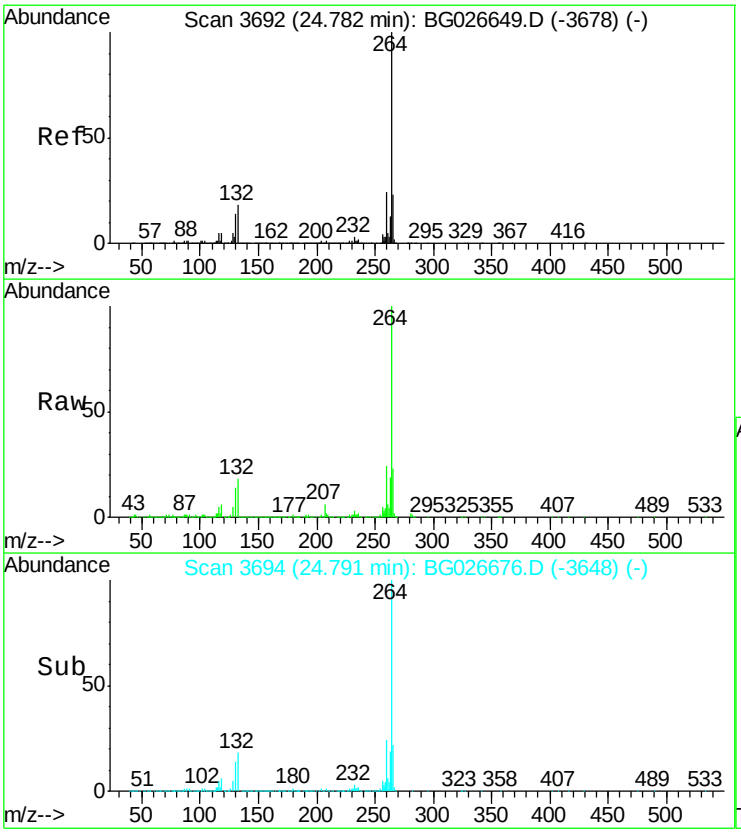
#78
Terphenyl-d14
Concen: 88.12 ng
RT: 19.97 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Instrument :
BNA_G
ClientSampleId :
VNJ-215-COMP

Tgt Ion:244 Resp: 3871317

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	14.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.03 min
Lab File: BG026676.D
Acq: 20 Apr 2017 4:48

Tgt Ion:264 Resp: 1075762

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	22.7	18.2	27.4