Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035575.D
Acq On : 3 Jul 2018 7:21
Operator : JU/SJ
Sample : J3800-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ULMER-PARK-FIELD-BLANK-1-6-26

Quant Time: Jul 03 08:14:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	35242	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	135595	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	97357	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	276976	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	300293	20.00	ng	-0.03
86) Perylene-d12	24.91	264	285787	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	135265	64.77	ng	0.00
7) Phenol-d6	7.22	99	117328	38.07	ng	0.00
23) Nitrobenzene-d5	9.22	82	318294	111.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	238583	191.43	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	749059	100.02	ng	-0.02
78) Terphenyl-d14	20.03	244	1512199	105.48	ng	-0.02
Target Compounds						Qvalue

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

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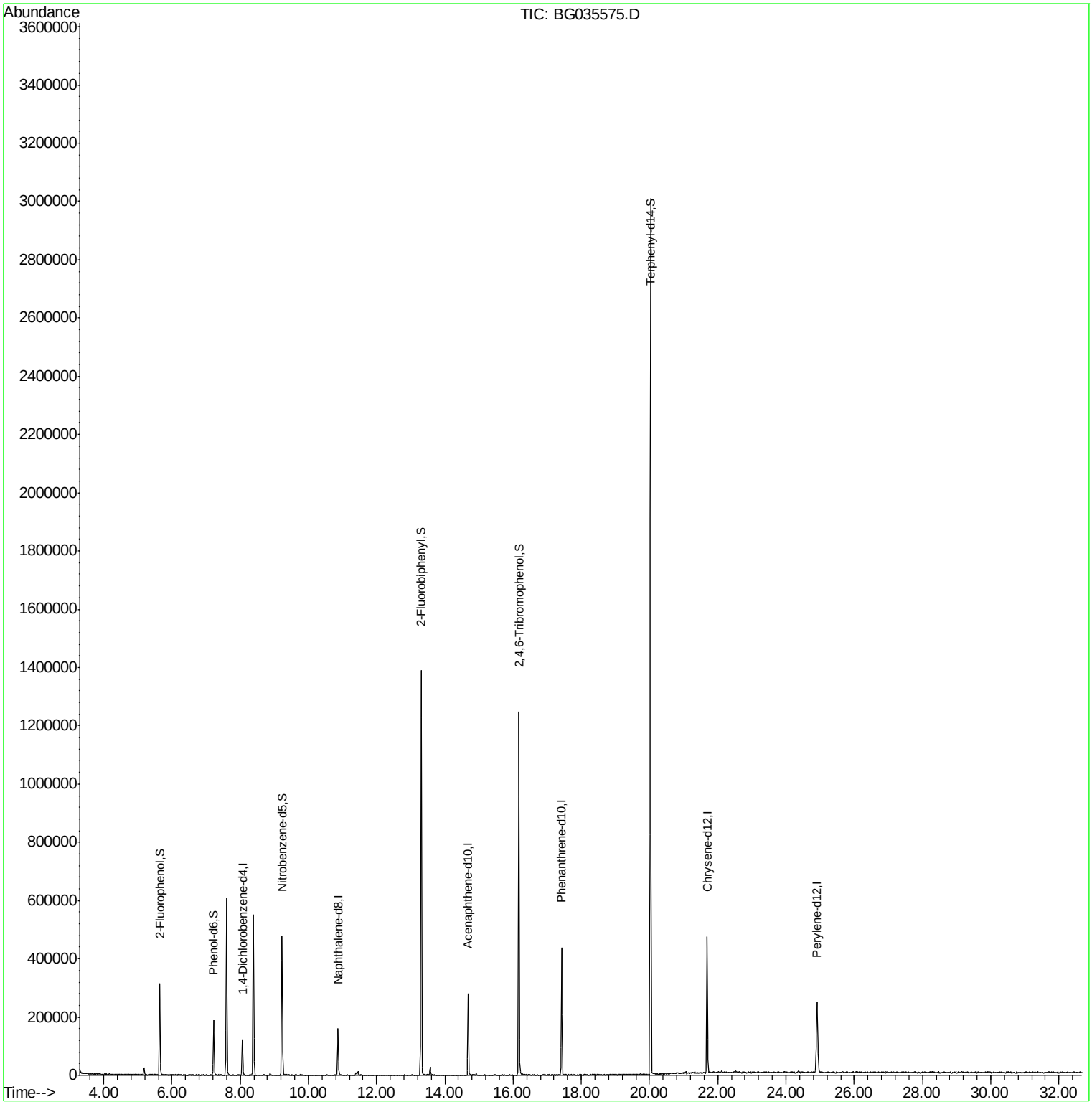
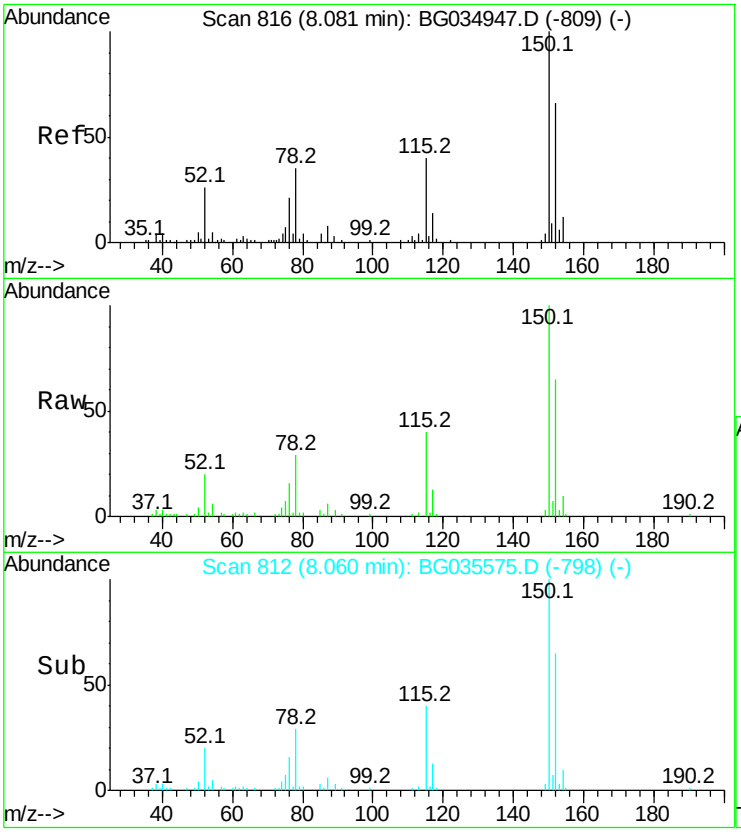


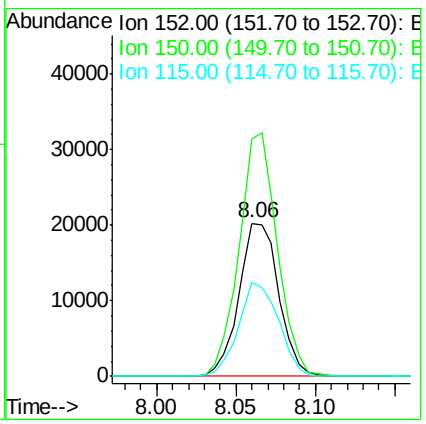


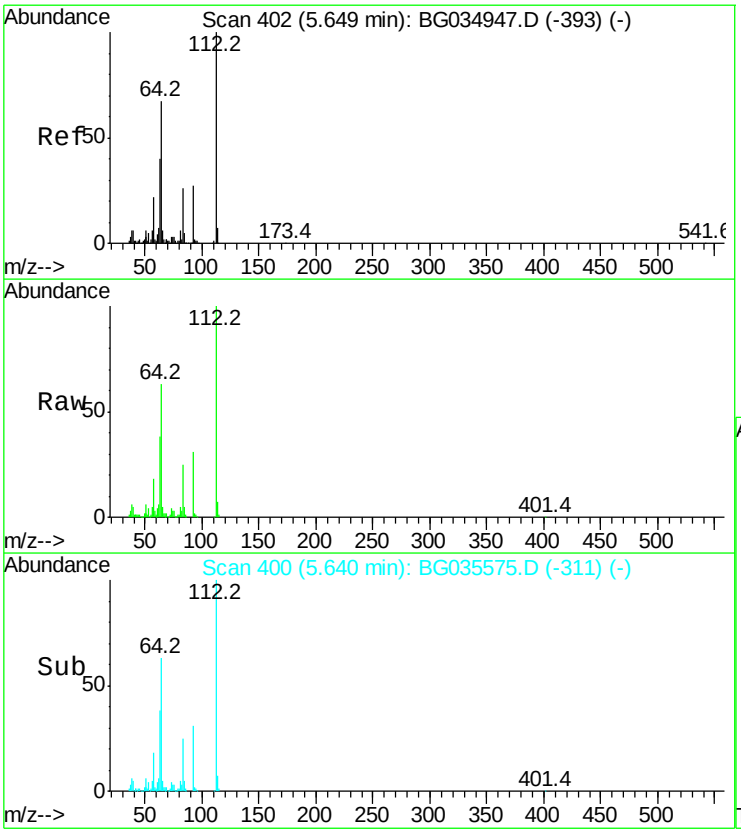
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ULMER-PARK-FIELD-BLANK-1-6-26

Tgt Ion:152 Resp: 35242

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	61.3	53.0	79.4

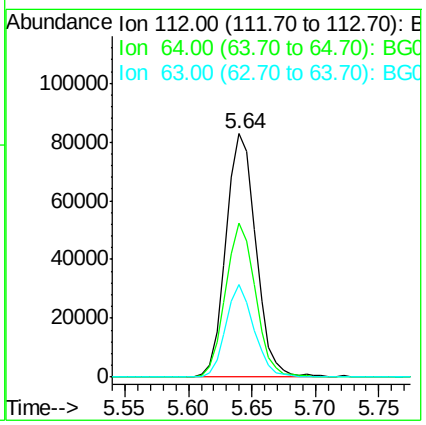


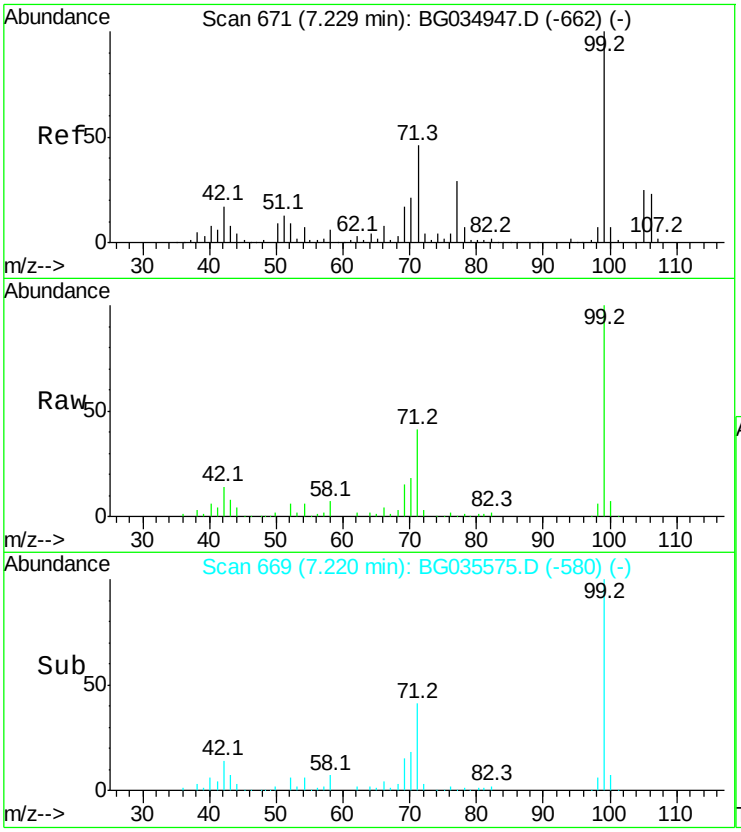


#5
2-Fluorophenol
Concen: 64.773 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Tgt Ion:112 Resp: 135265

Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	37.9	30.1	45.1



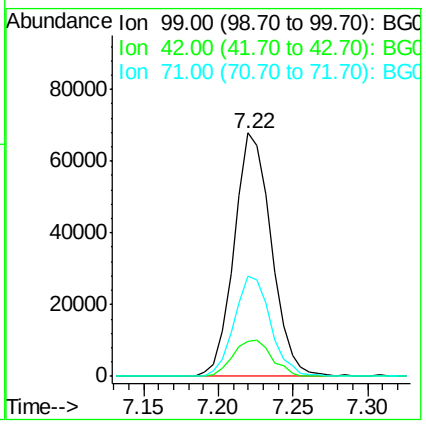


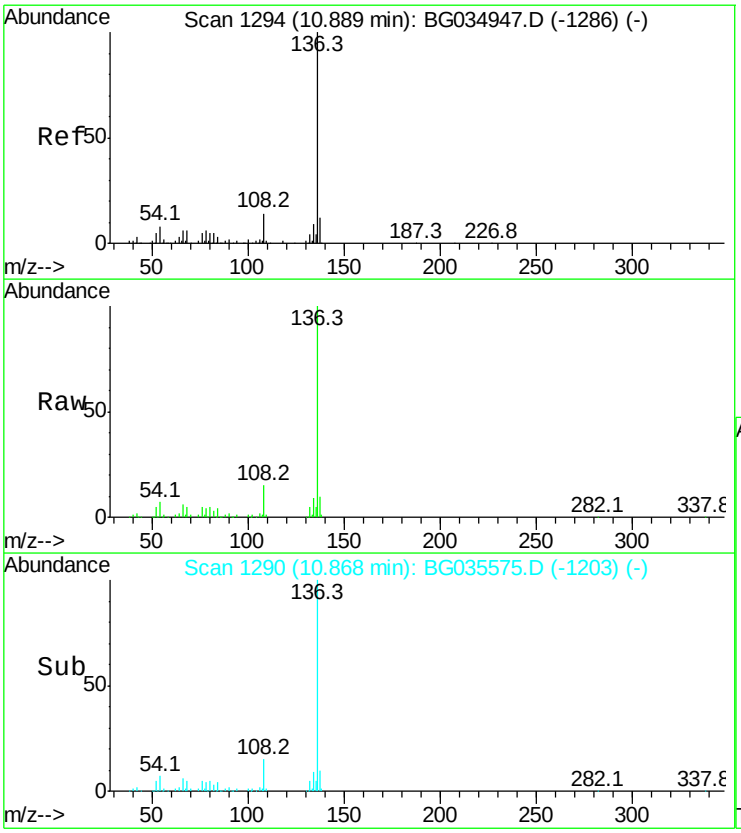
#7
Phenol-d6
Concen: 38.067 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ULMER-PARK-FIELD-BLANK-1-6-26

Tgt Ion: 99 Resp: 117328

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	41.2	26.1	39.1#

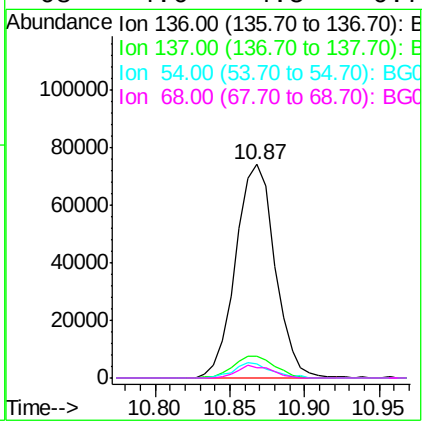


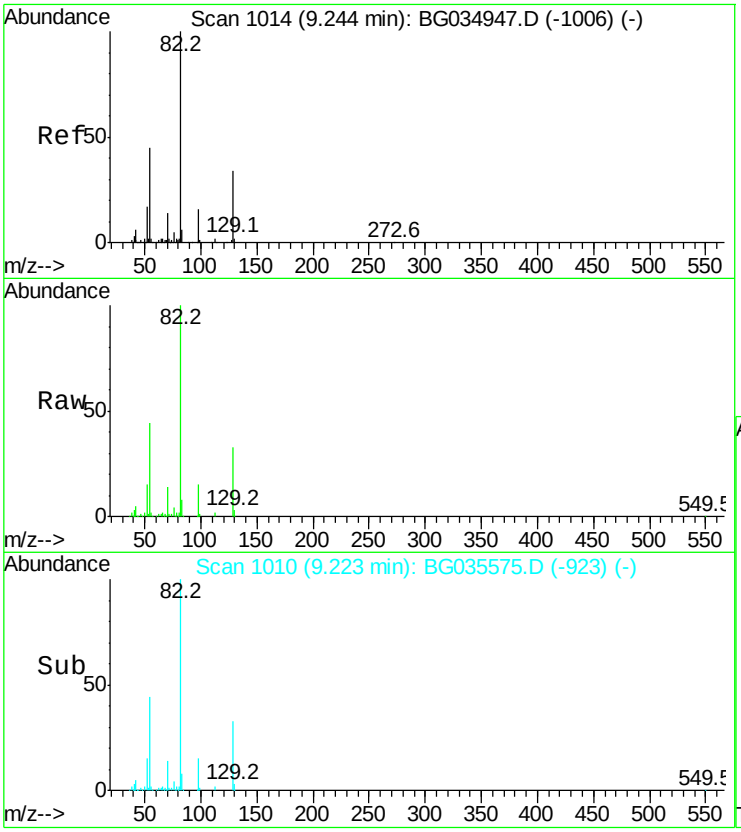


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Tgt Ion:136 Resp: 135595

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.8	10.3	15.5#
68	4.6	4.5	6.7



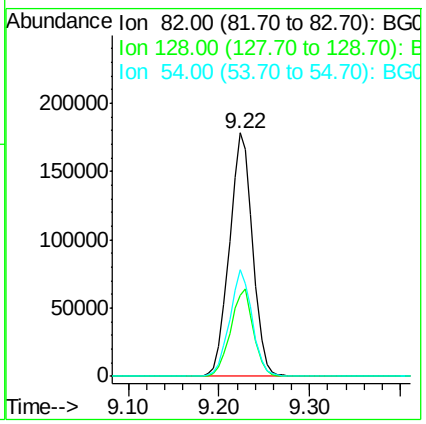


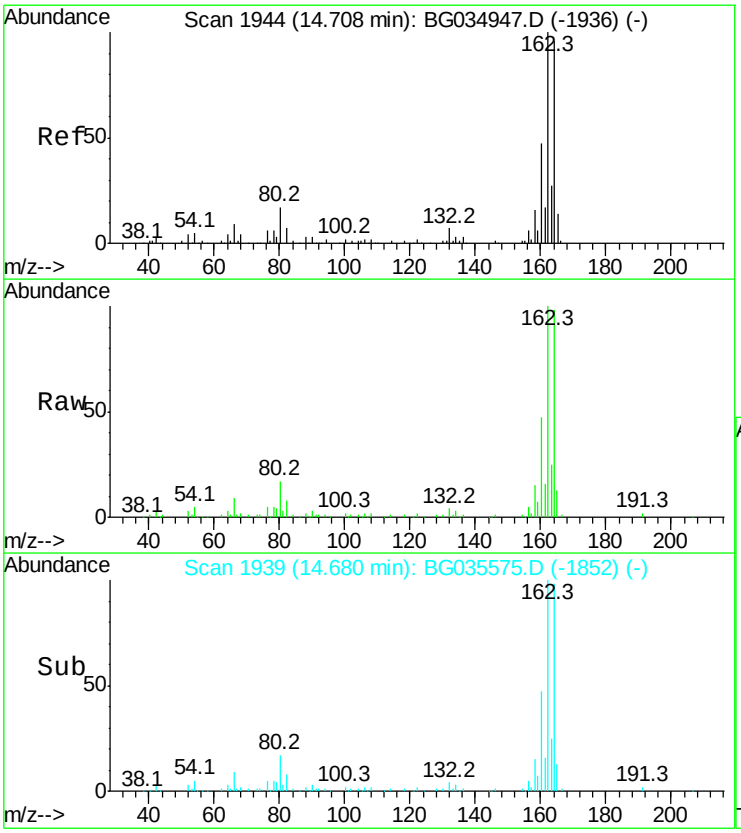
#23
Nitrobenzene-d5
Concen: 111.582 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ULMER-PARK-FIELD-BLANK-1-6-26

Tgt Ion: 82 Resp: 318294

Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	43.8	43.1	64.7

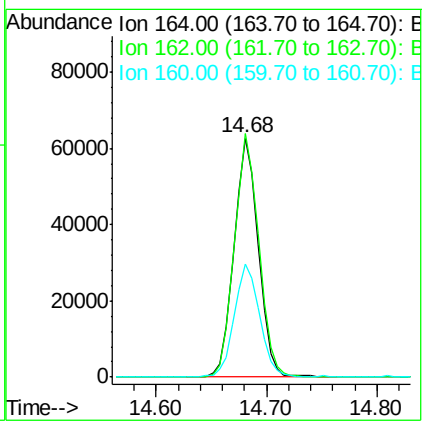


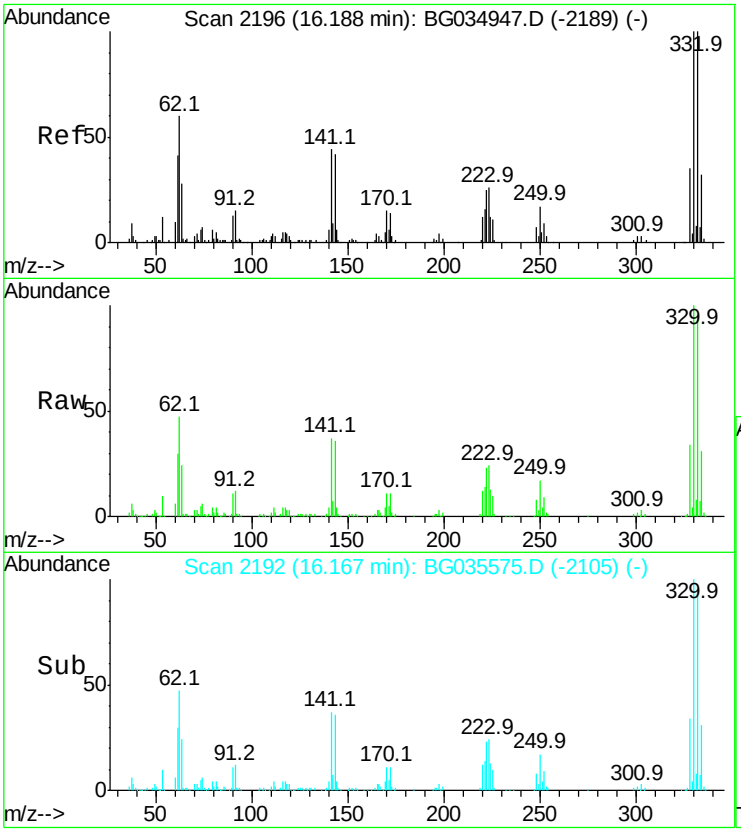


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Tgt Ion:164 Resp: 97357

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	47.6	35.4	53.0



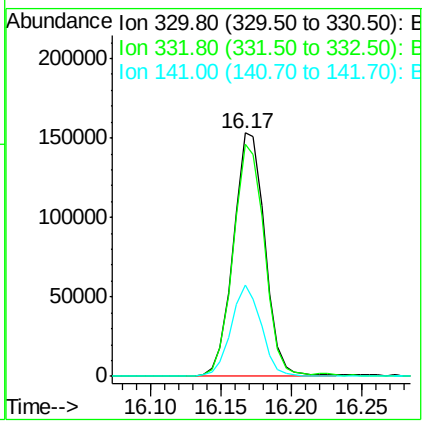


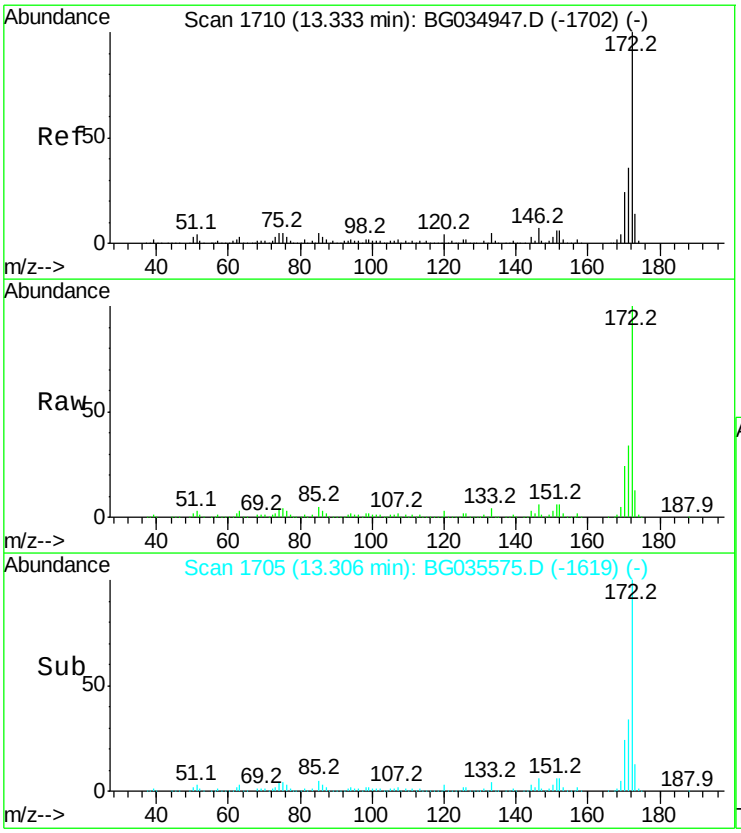
#41
2,4,6-Tribromophenol
Concen: 191.434 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ULMER-PARK-FIELD-BLANK-1-6-26

Tgt Ion:330 Resp: 238583

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	36.1	25.2	37.8

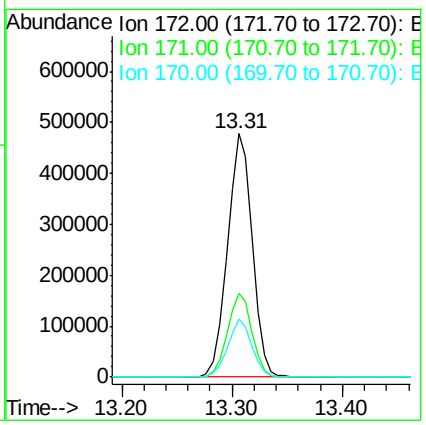


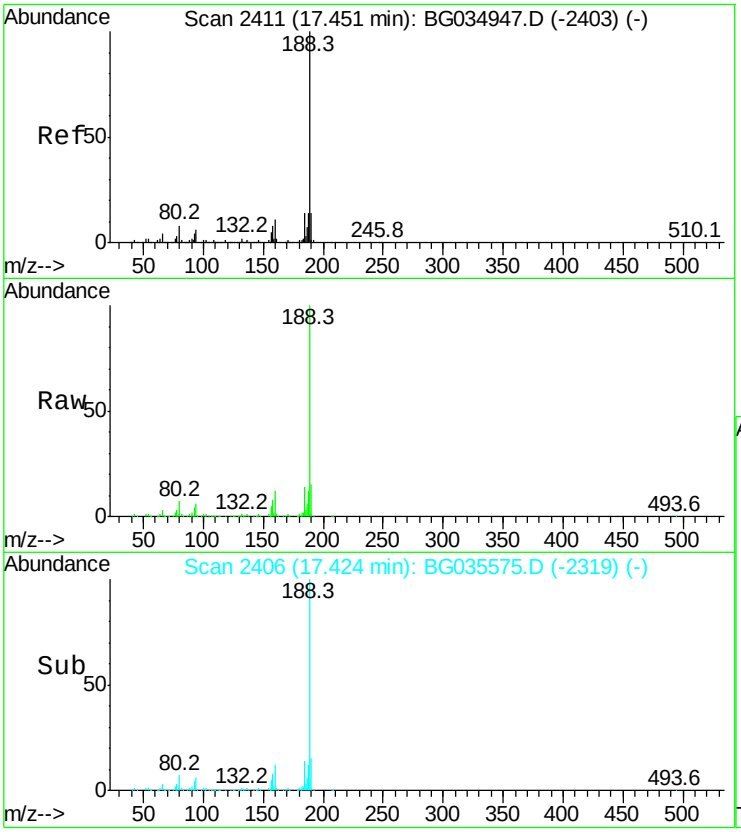


#44
2-Fluorobiphenyl
Concen: 100.021 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Tgt Ion:172 Resp: 749059

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.8	19.5	29.3



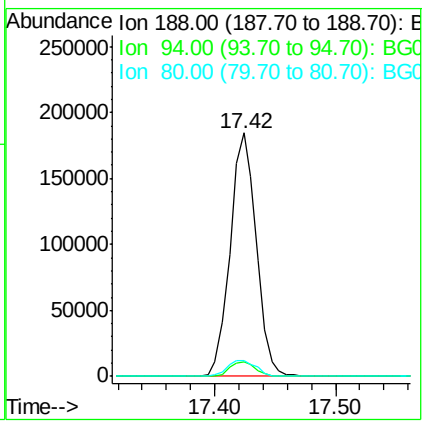


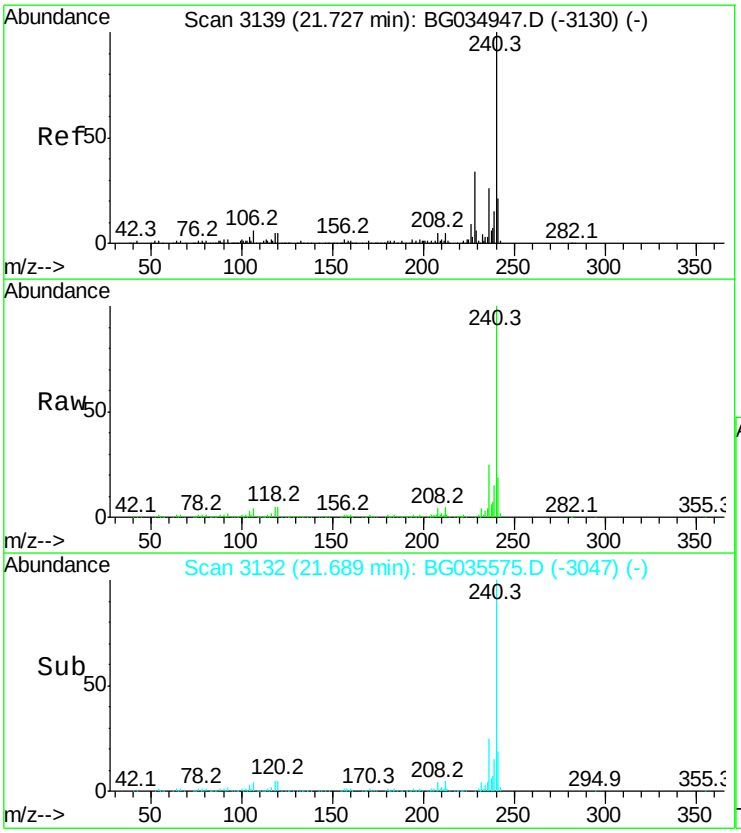
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ULMER-PARK-FIELD-BLANK-1-6-26

Tgt Ion:188 Resp: 276976

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.7	7.7	11.5#

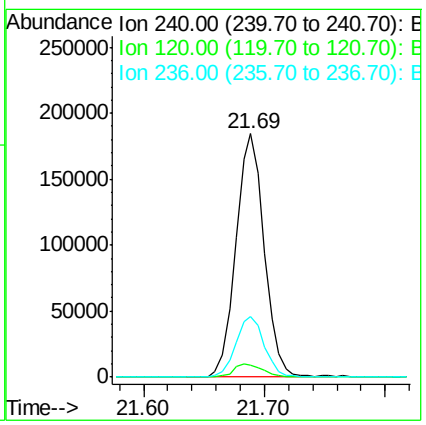


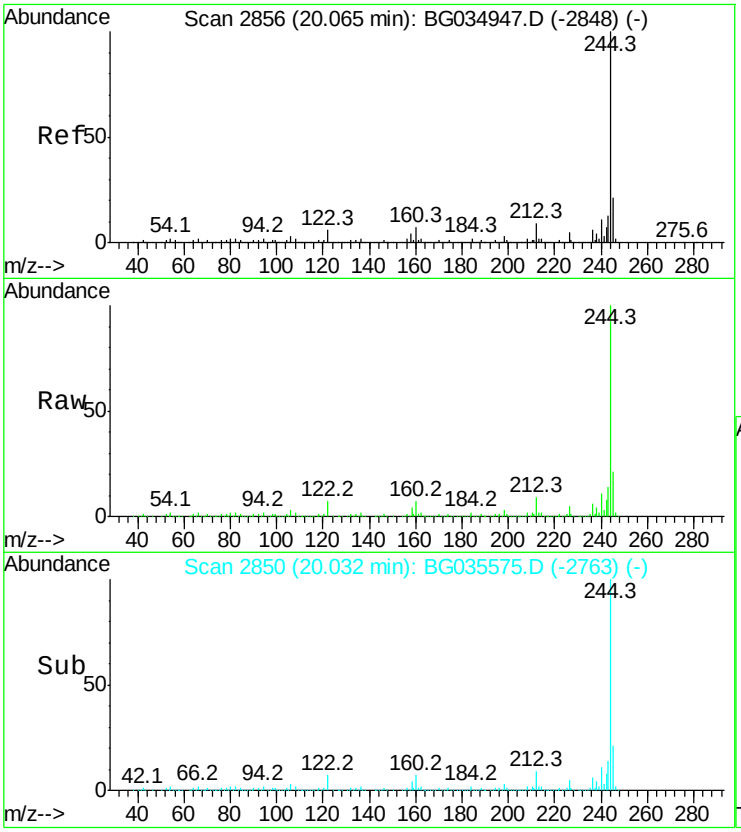


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Tgt Ion:240 Resp: 300293

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	24.6	20.9	31.3



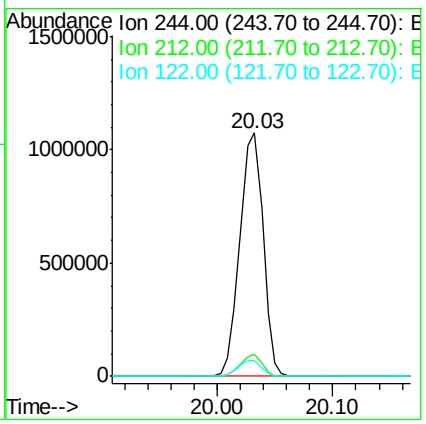


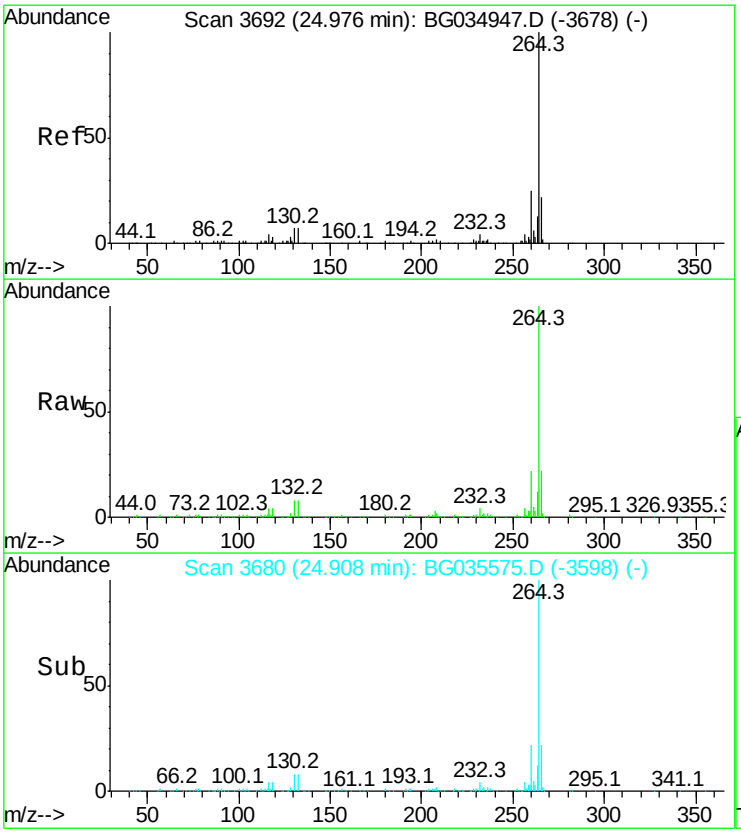
#78
Terphenyl-d14
Concen: 105.482 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ULMER-PARK-FIELD-BLANK-1-6-26

Tgt Ion:244 Resp: 1512199

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035575.D
Acq: 3 Jul 2018 7:21

Tgt Ion:264 Resp: 285787

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	21.6	17.7	26.5