Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032374.D
Acq On : 28 Jan 2018 3:07
Operator : SJ/JU
Sample : J1307-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE-201

Quant Time: Jan 28 03:45:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	30918	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	114201	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	76144	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	231393	20.00	ng	0.00
75) Chrysene-d12	22.42	240	312421	20.00	ng	0.00
86) Perylene-d12	26.12	264	196046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	203473	120.36	ng	0.00
7) Phenol-d6	7.83	99	227334	106.78	ng	0.00
23) Nitrobenzene-d5	9.92	82	171435	101.56	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	224243	177.97	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	606781	98.81	ng	0.00
78) Terphenyl-d14	20.63	244	1464784	103.52	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.66	128	27542	4.868	ng	97
37) 2-Methylnaphthalene	13.22	142	12129	2.700	ng	90

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

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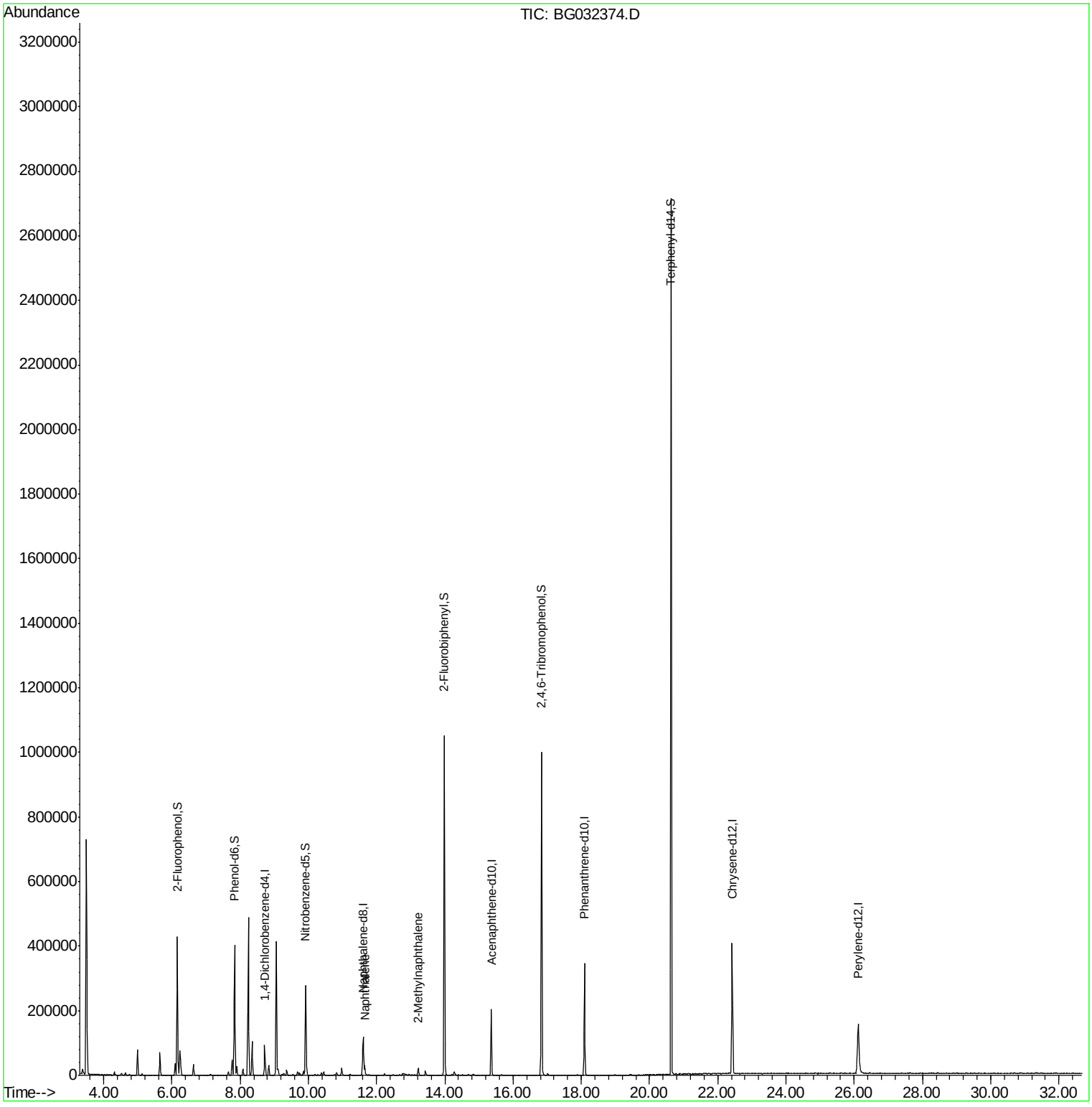
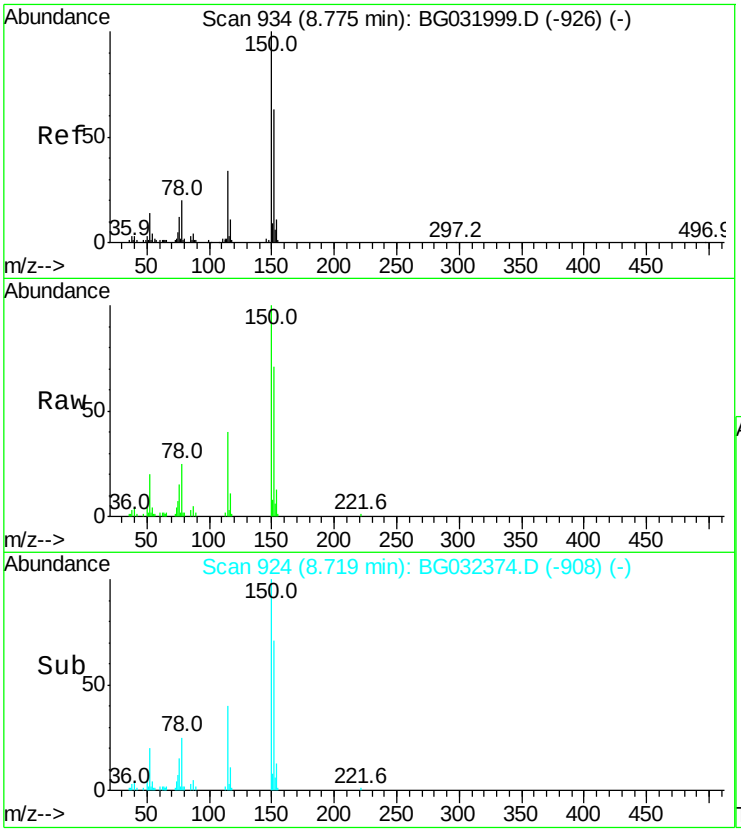


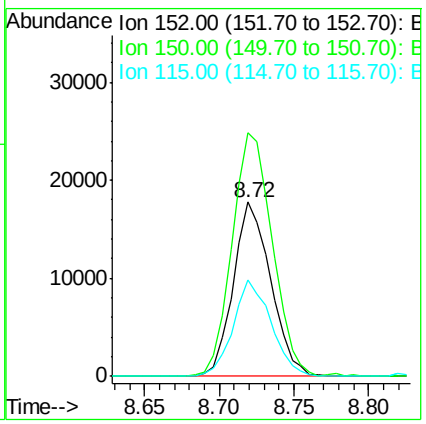


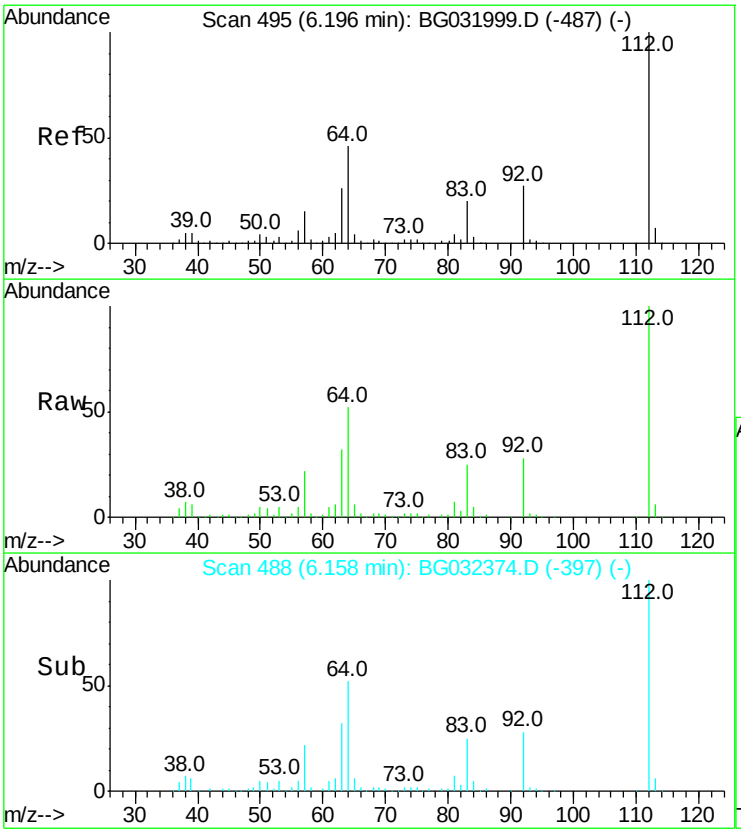
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tgt Ion:152 Resp: 30918

Ion	Ratio	Lower	Upper
152	100		
150	140.0	126.6	189.8
115	55.6	53.0	79.4

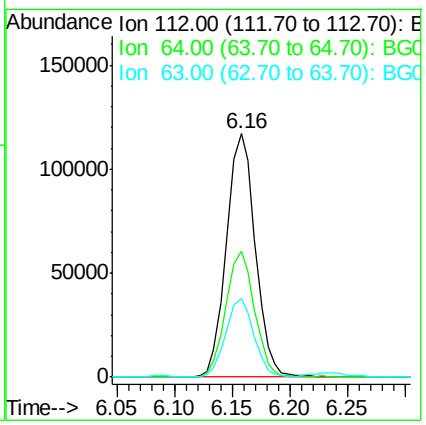


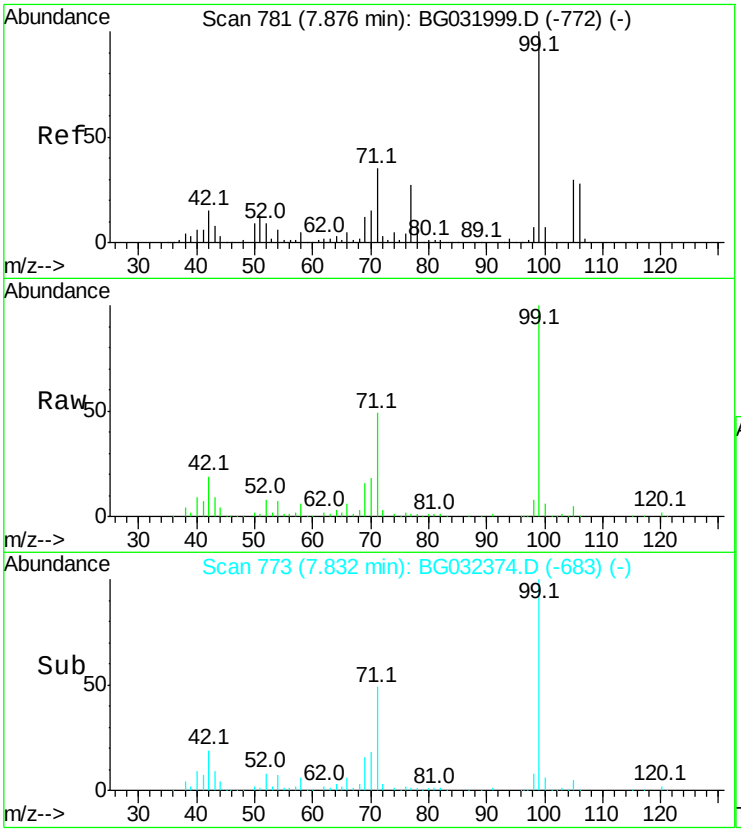


#5
2-Fluorophenol
Concen: 120.363 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:112 Resp: 203473

Ion	Ratio	Lower	Upper
112	100		
64	51.8	56.3	84.5#
63	32.3	30.1	45.1



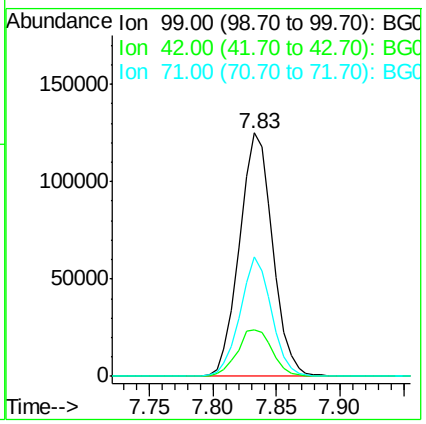


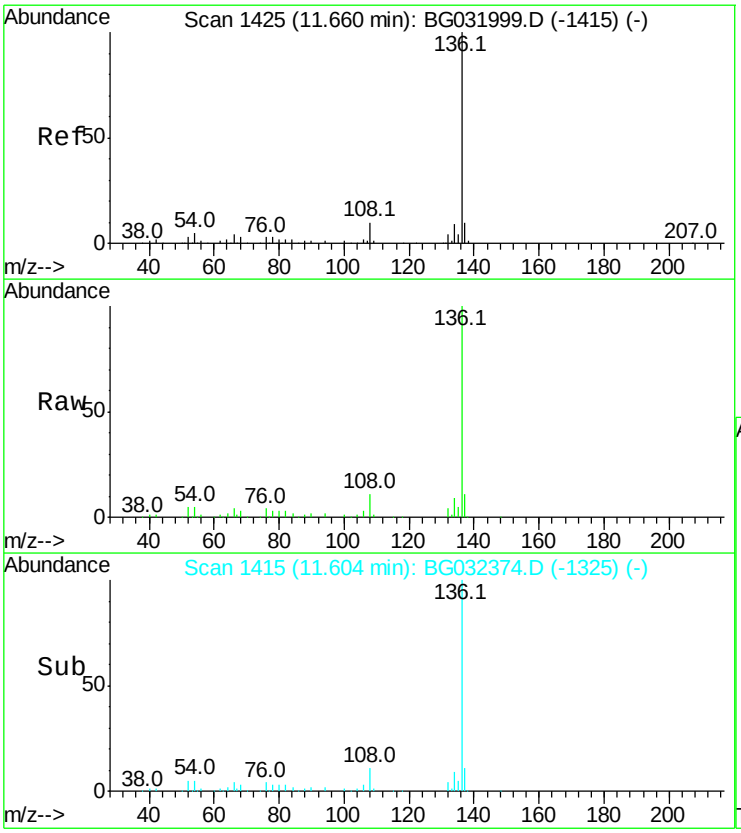
#7
Phenol-d6
Concen: 106.776 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tgt Ion: 99 Resp: 227334

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	49.2	26.1	39.1#

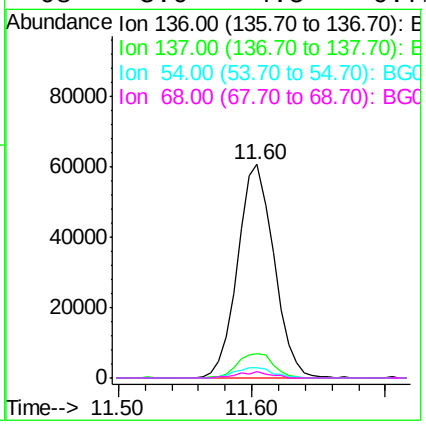


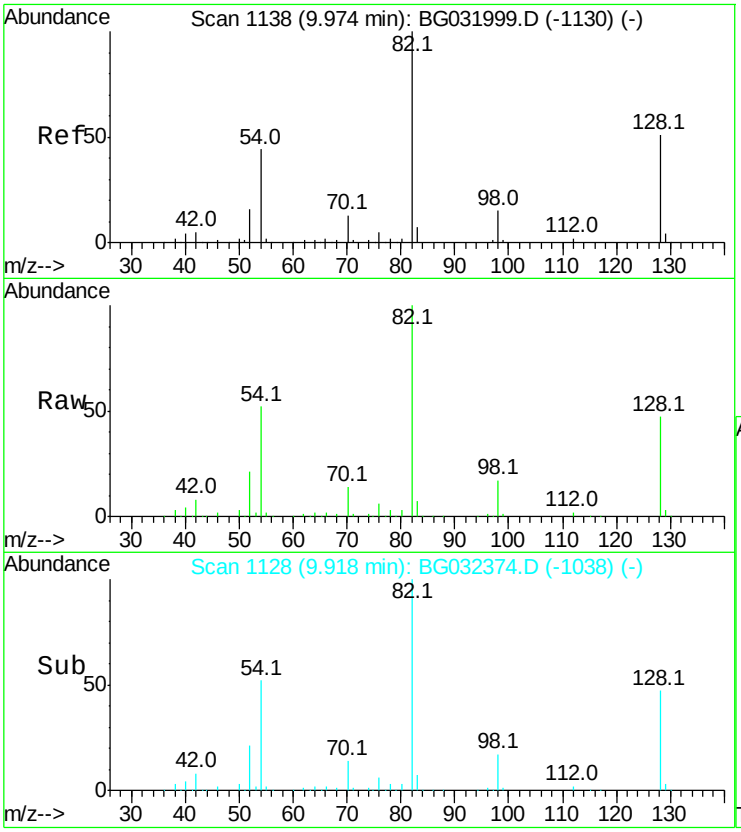


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:136 Resp: 114201

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.0	10.3	15.5#
68	3.0	4.5	6.7#



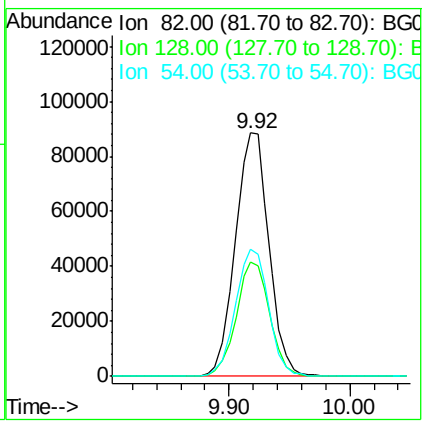


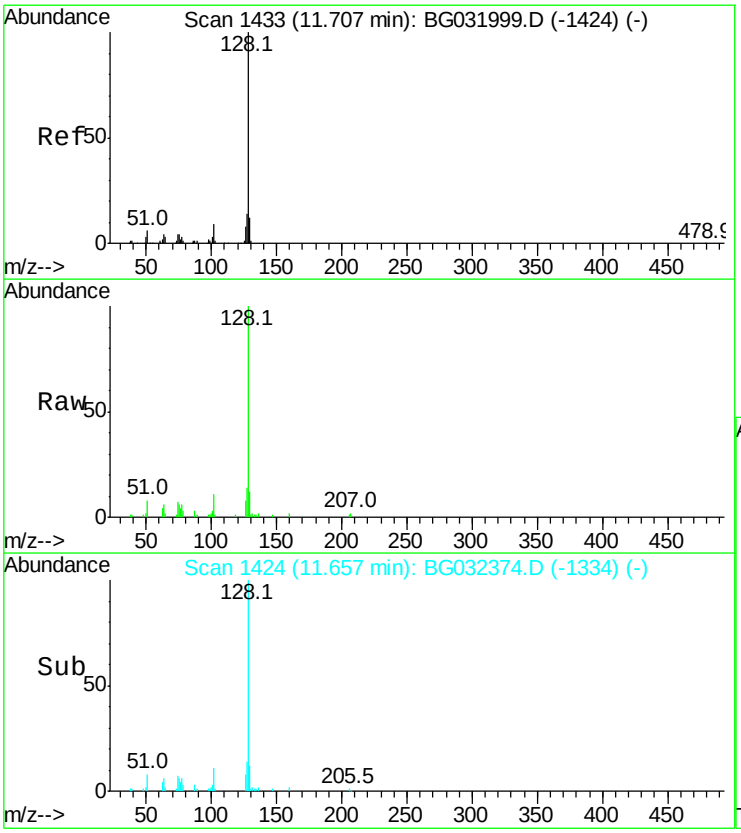
#23
Nitrobenzene-d5
Concen: 101.561 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tgt Ion: 82 Resp: 171435

Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	52.0	43.1	64.7

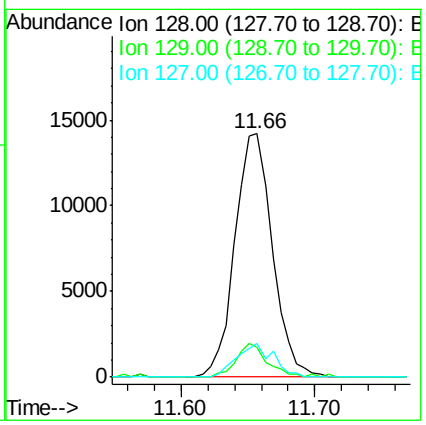


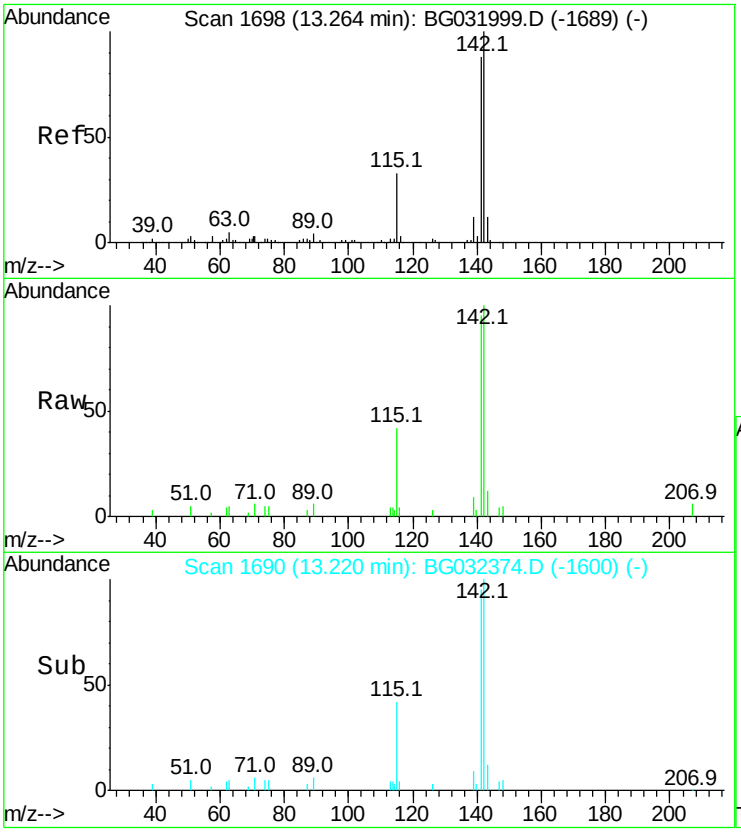


#31
Naphthalene
Concen: 4.868 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:128 Resp: 27542

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.6	12.8
127	13.9	11.6	17.4



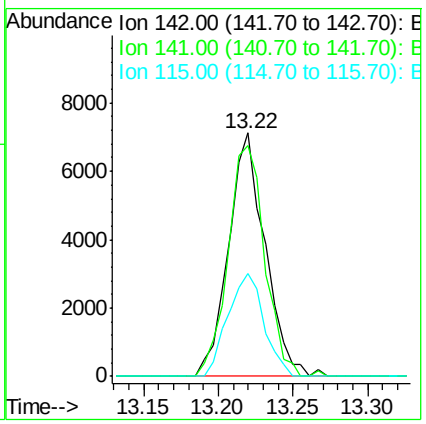


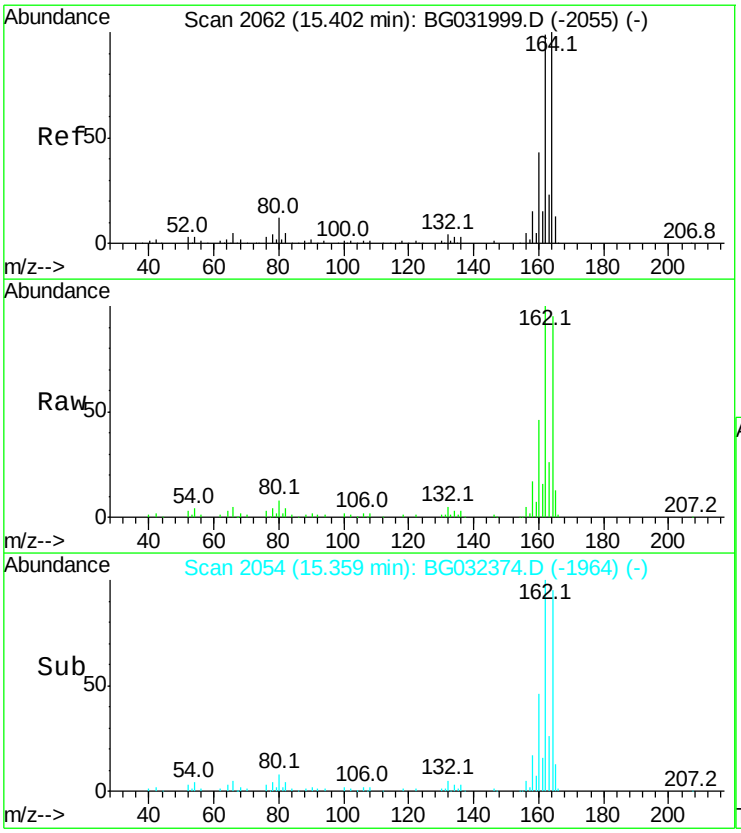
#37
2-Methylnaphthalene
Concen: 2.700 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tgt Ion:142 Resp: 12129

Ion	Ratio	Lower	Upper
142	100		
141	94.6	67.1	100.7
115	42.2	30.7	46.1

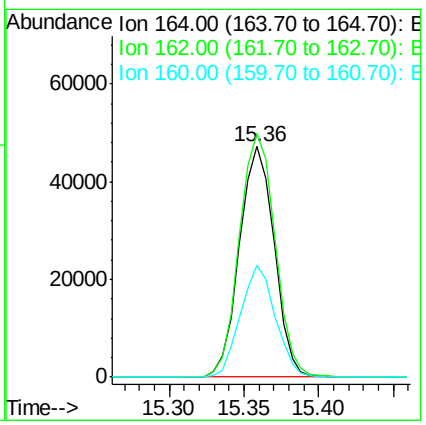


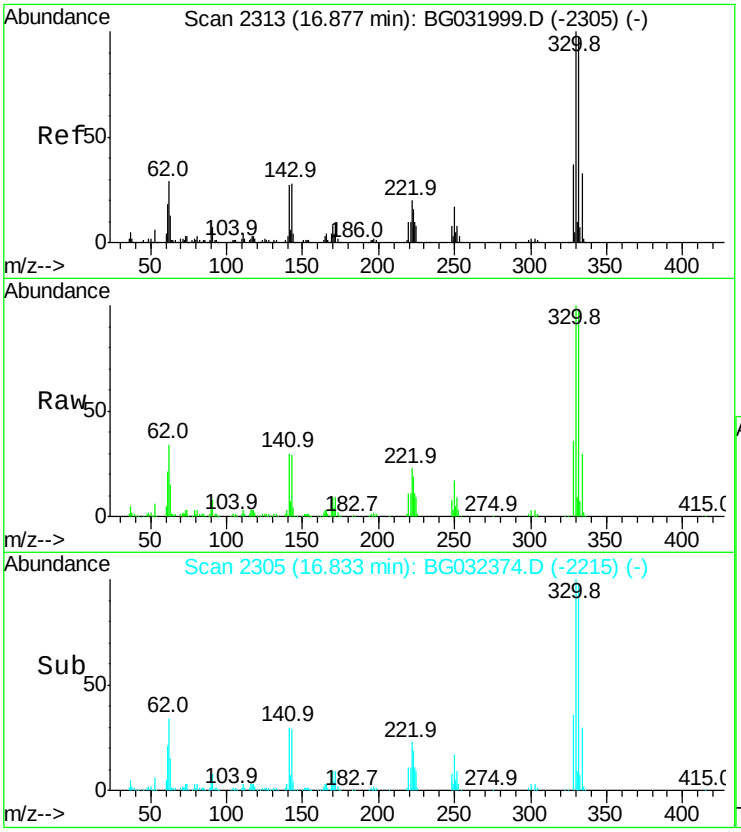


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:164 Resp: 76144

Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	48.4	35.4	53.0



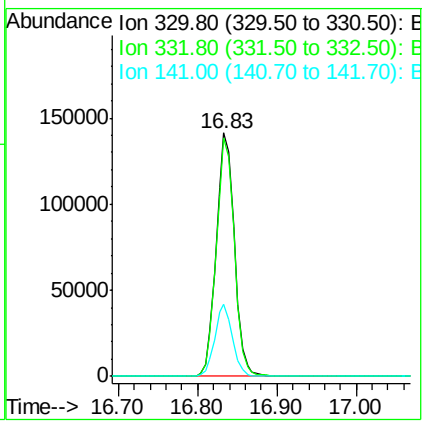


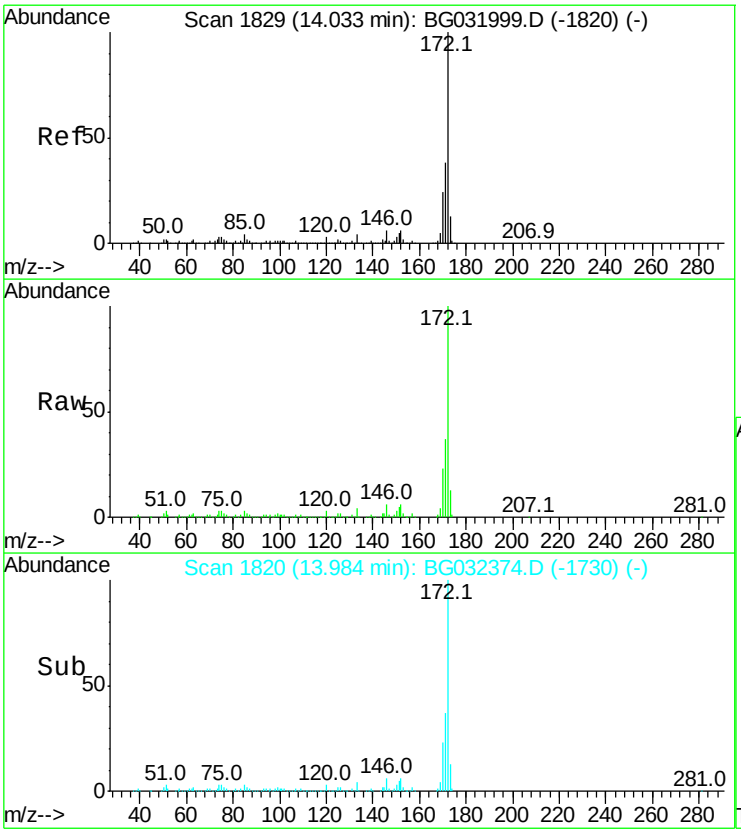
#41
2,4,6-Tribromophenol
Concen: 177.970 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tgt Ion:330 Resp: 224243

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.6	25.2	37.8

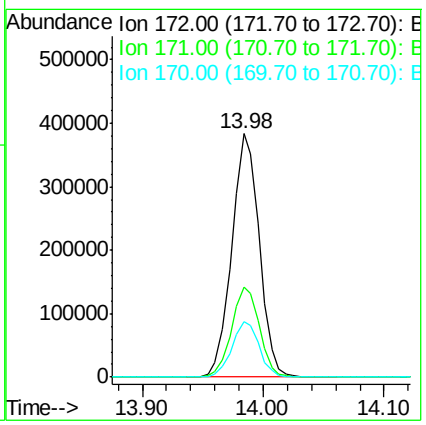


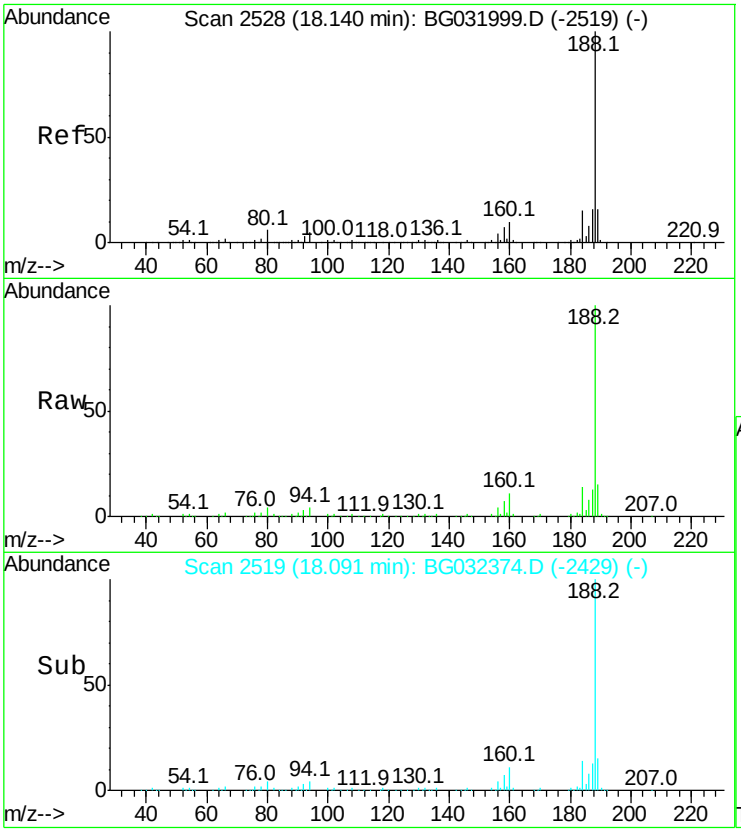


#44
2-Fluorobiphenyl
Concen: 98.810 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:172 Resp: 606781

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.0	19.5	29.3



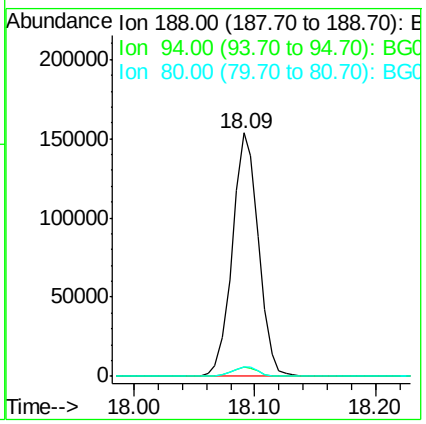


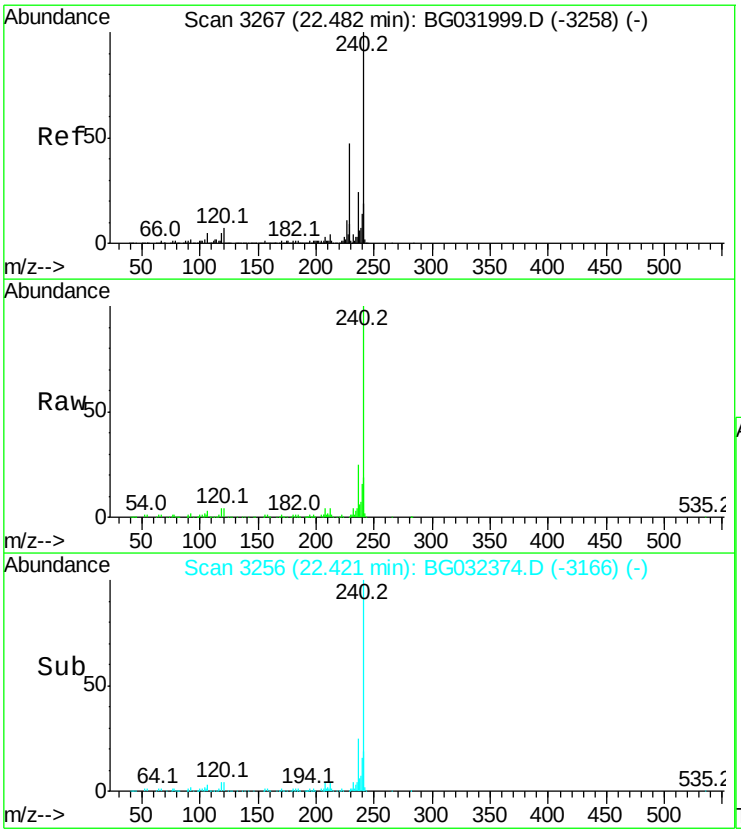
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tgt Ion:188 Resp: 231393

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	3.9	7.7	11.5#

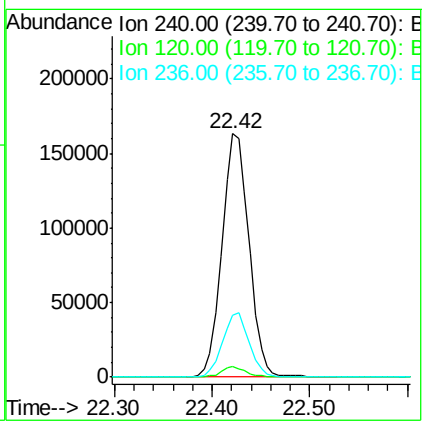


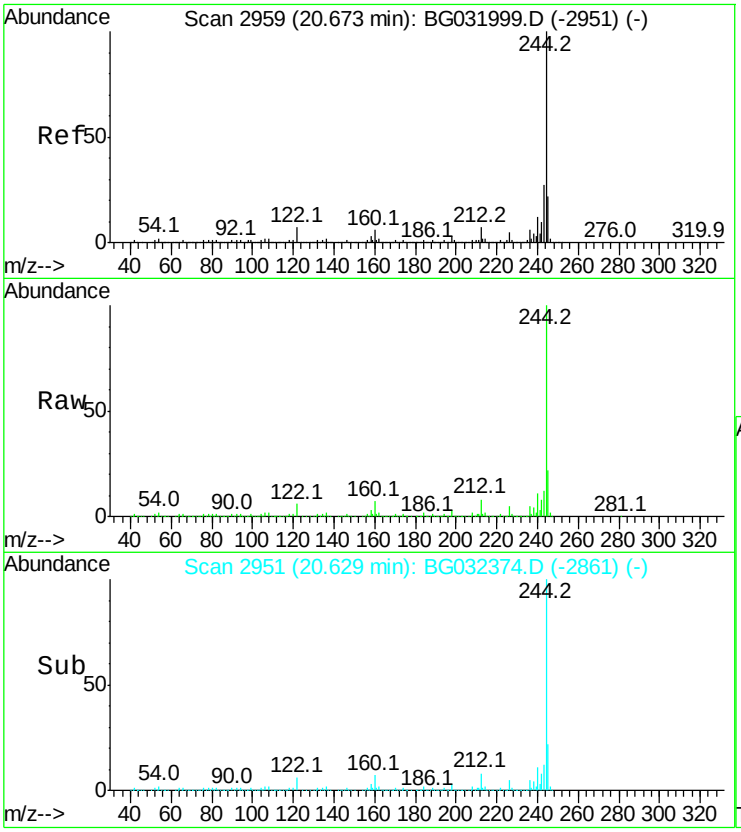


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:240 Resp: 312421

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	25.2	20.9	31.3



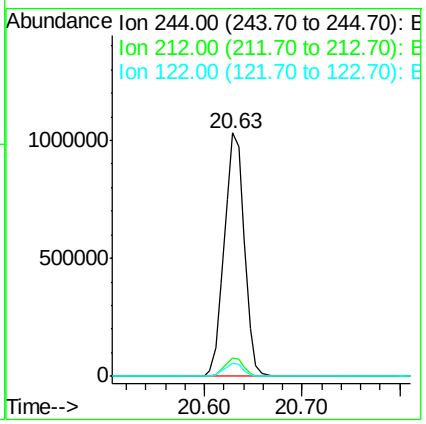


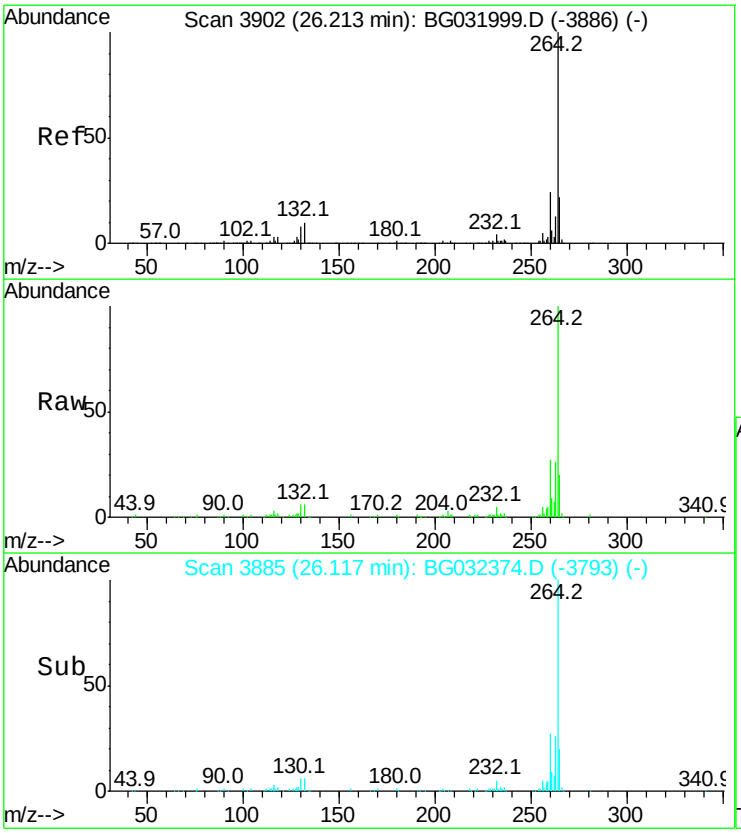
#78
Terphenyl-d14
Concen: 103.524 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Instrument :
BNA_G
ClientSampleId :
MANHOLE-201

Tgt Ion:244 Resp: 1464784

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.12 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BG032374.D
Acq: 28 Jan 2018 3:07

Tgt Ion:264 Resp: 196046

Ion	Ratio	Lower	Upper
264	100		
260	26.5	17.4	26.0#
265	19.6	17.7	26.5