Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032373.D
Acq On : 28 Jan 2018 2:29
Operator : SJ/JU
Sample : J1023-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-012518

Quant Time: Jan 28 03:42:41 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	33161	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	121596	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	82433	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	237559	20.00	ng	0.00
75) Chrysene-d12	22.42	240	316672	20.00	ng	0.00
86) Perylene-d12	26.10	264	317552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	229241	126.43	ng	0.00
7) Phenol-d6	7.84	99	256932	112.52	ng	0.00
23) Nitrobenzene-d5	9.92	82	195060	108.53	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	240105	176.02	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	666121	100.20	ng	0.00
78) Terphenyl-d14	20.63	244	1494731	104.22	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.65	128	489188	81.212	ng	99
37) 2-Methylnaphthalene	13.22	142	20306	4.246	ng	90
48) Acenaphthylene	15.09	152	27095	3.237	ng	98

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

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Acq On : 28 Jan 2018 2:29
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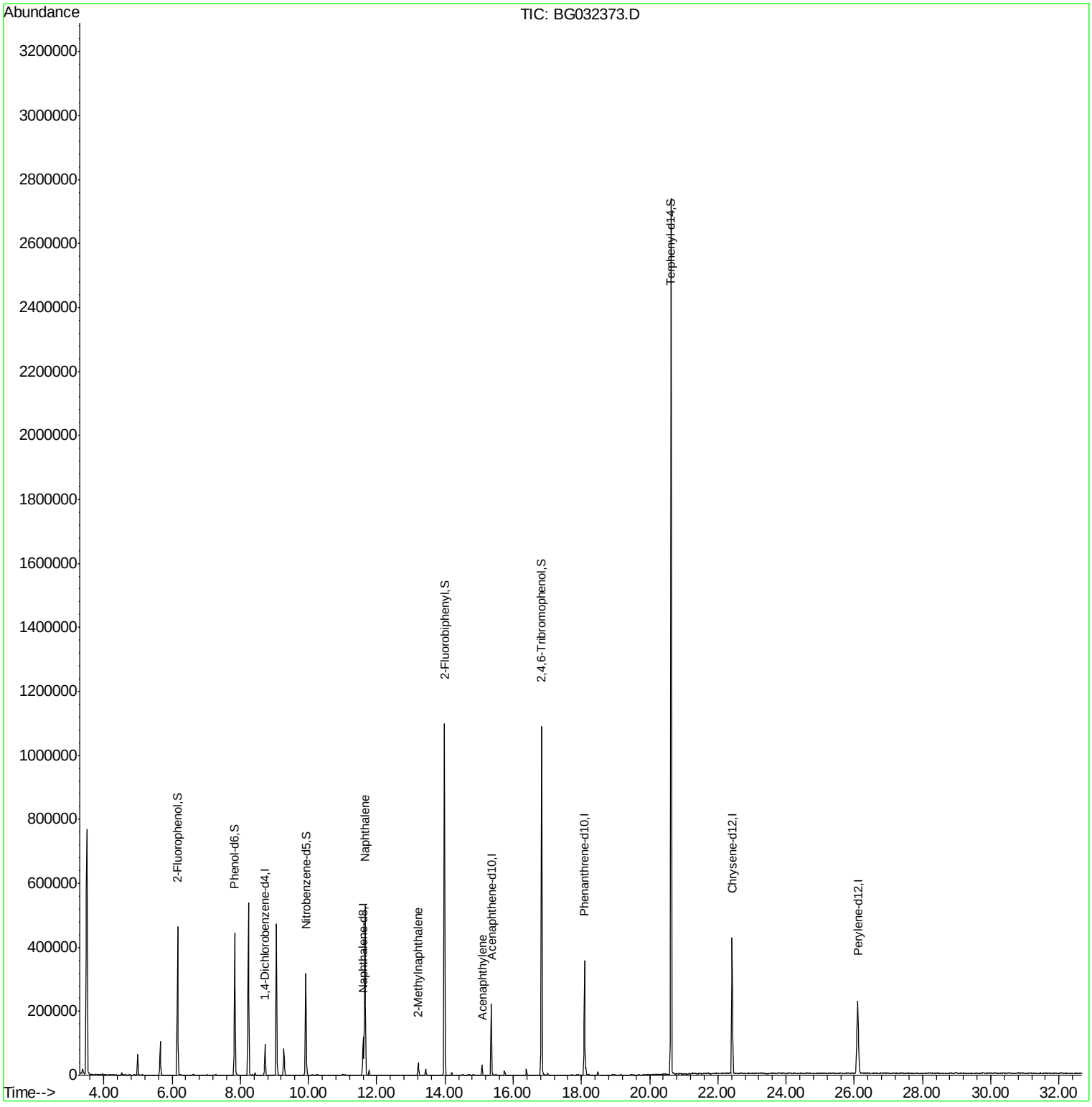
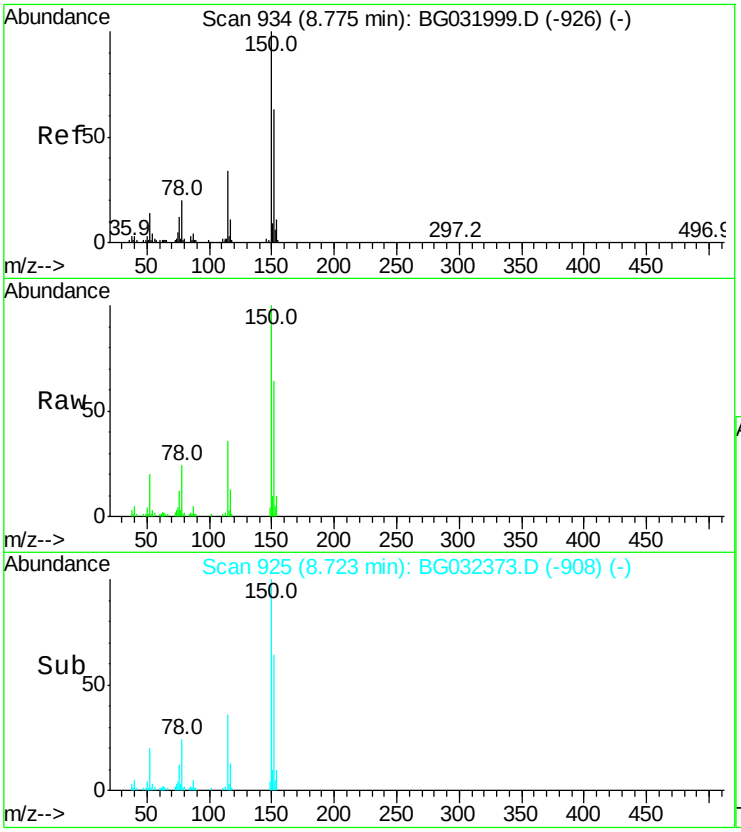


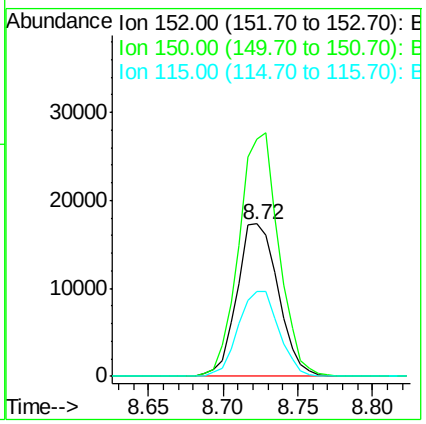


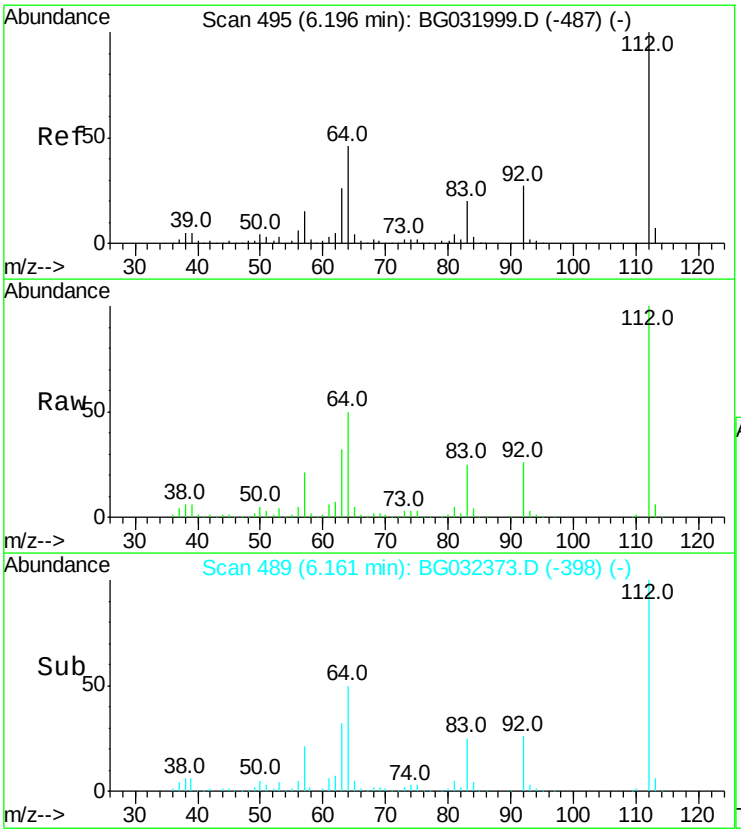
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion:152 Resp: 33161

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	55.9	53.0	79.4

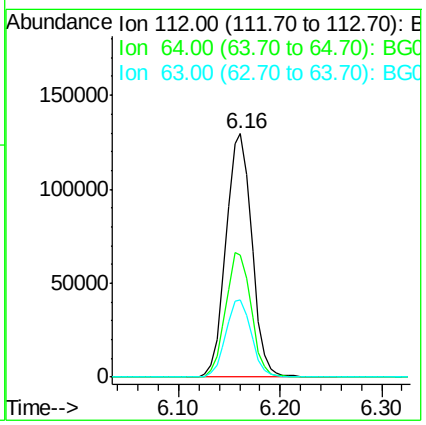


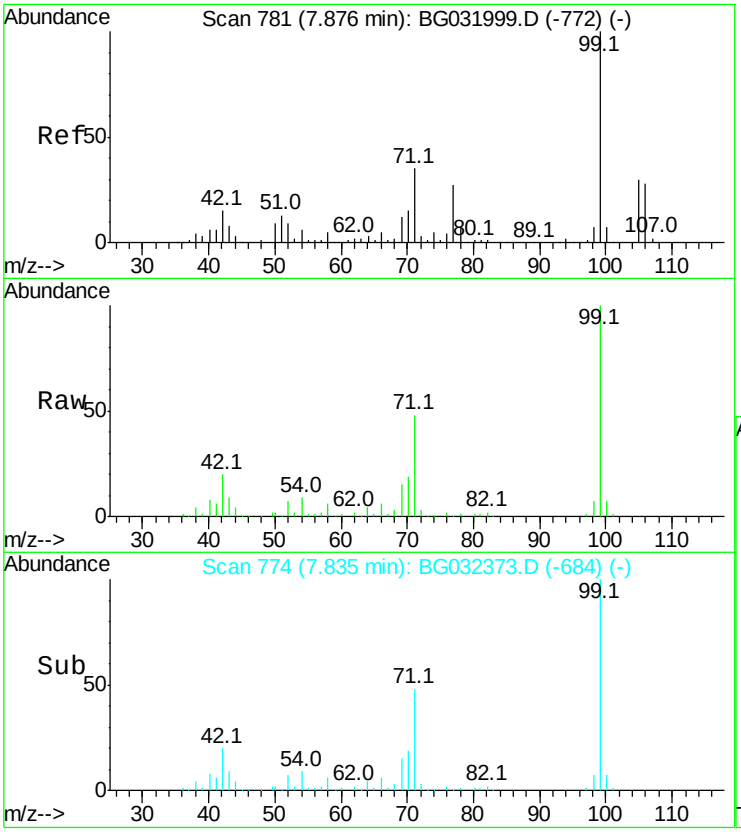


#5
2-Fluorophenol
Concen: 126.434 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Tgt Ion:112 Resp: 229241

Ion	Ratio	Lower	Upper
112	100		
64	50.1	56.3	84.5#
63	31.6	30.1	45.1



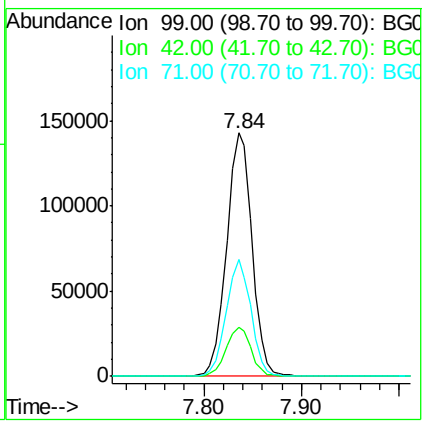


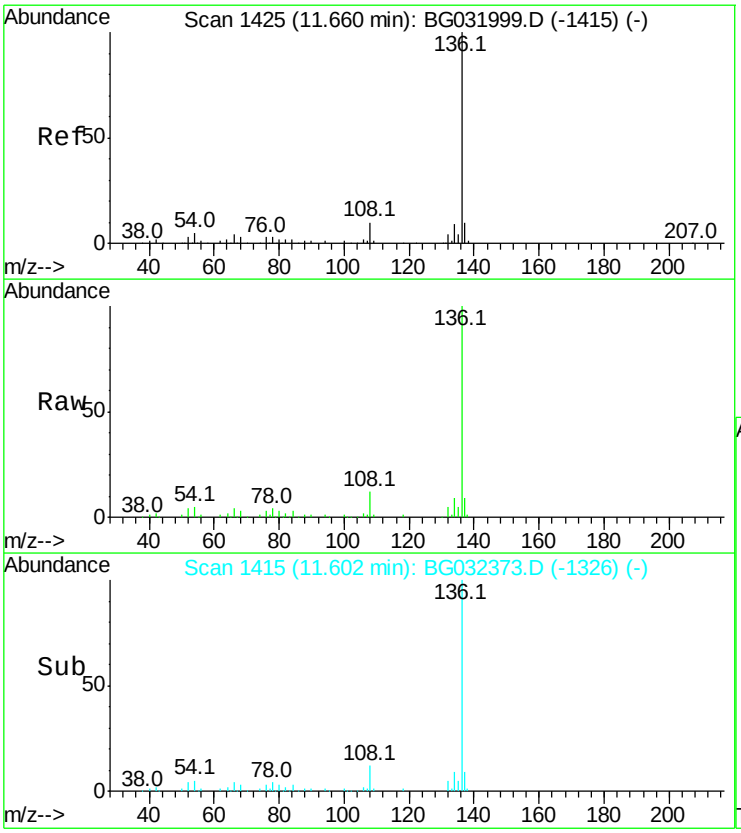
#7
Phenol-d6
Concen: 112.515 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion: 99 Resp: 256932

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.1	21.1
71	48.2	26.1	39.1#

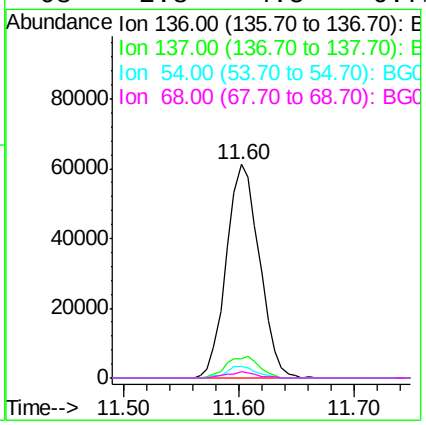


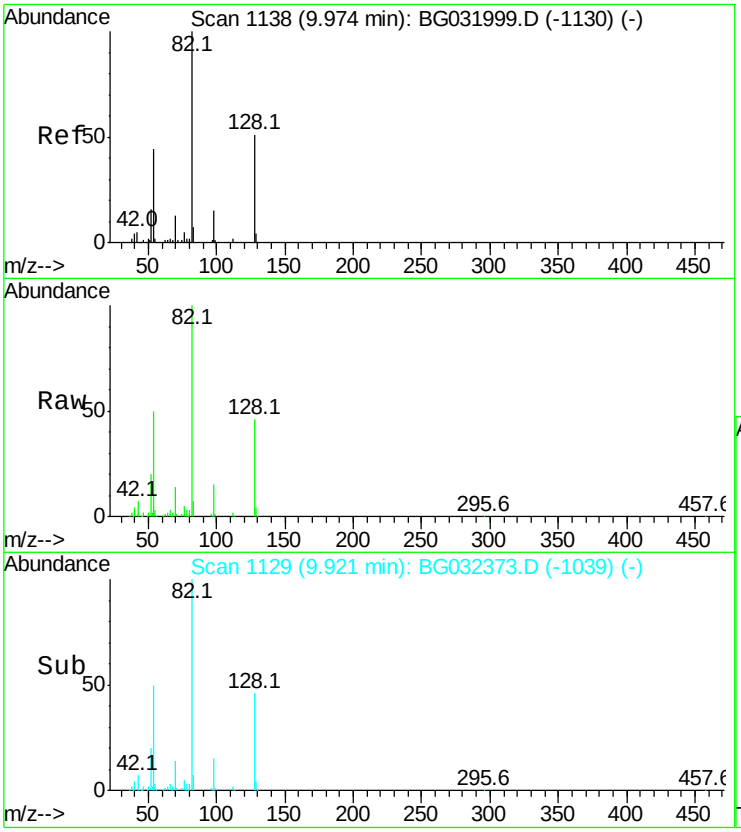


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Tgt Ion:136 Resp: 121596

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8
54	5.2	10.3	15.5#
68	2.8	4.5	6.7#



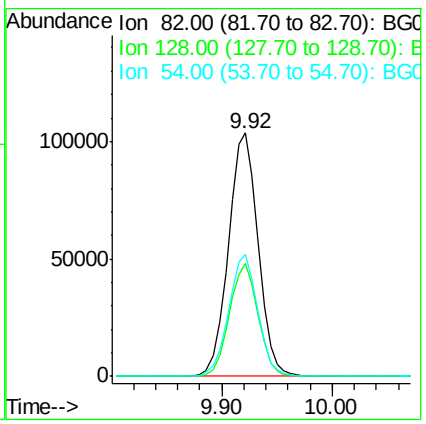


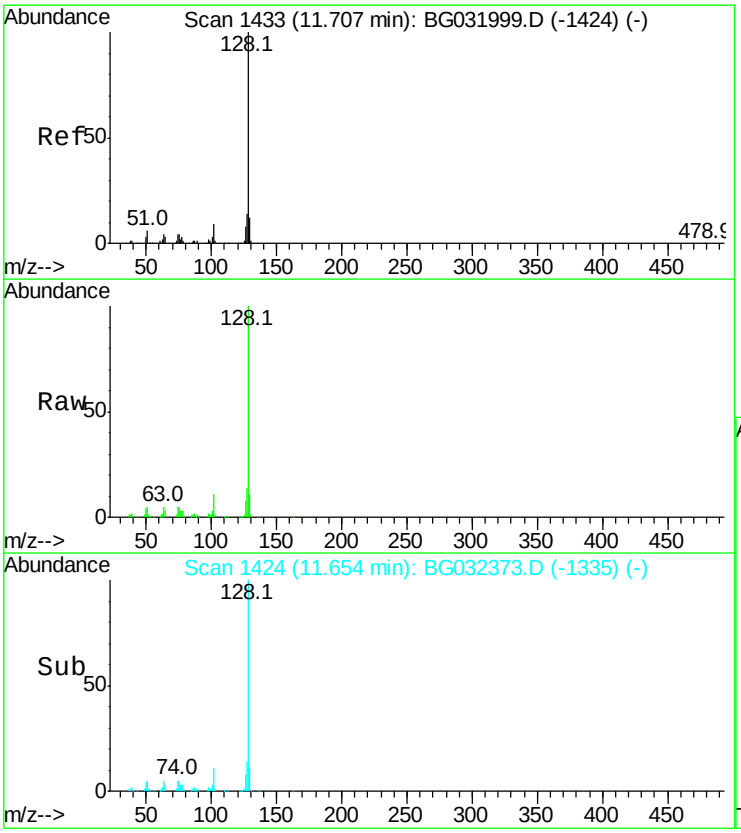
#23
Nitrobenzene-d5
Concen: 108.529 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion: 82 Resp: 195060

Ion	Ratio	Lower	Upper
82	100		
128	46.3	29.7	44.5#
54	50.1	43.1	64.7

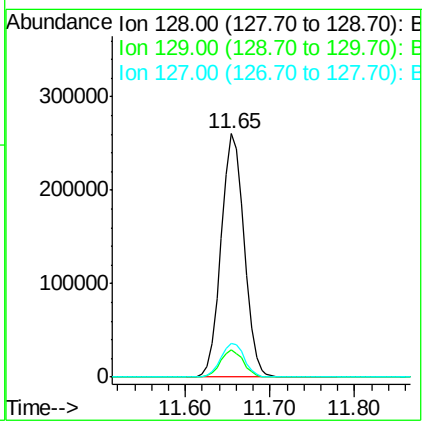


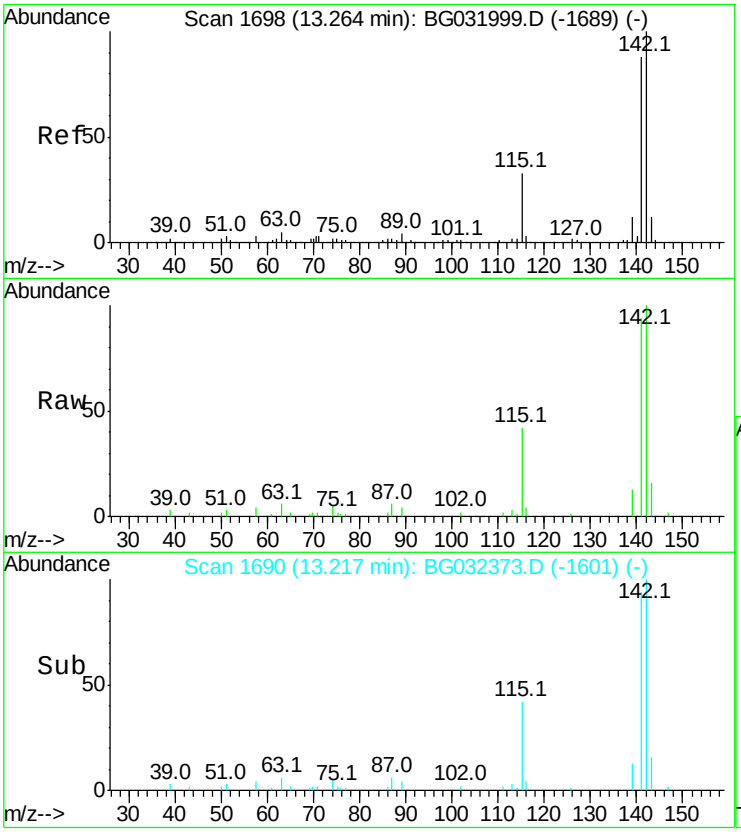


#31
Naphthalene
Concen: 81.212 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Tgt Ion:128 Resp: 489188

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.0	11.6	17.4



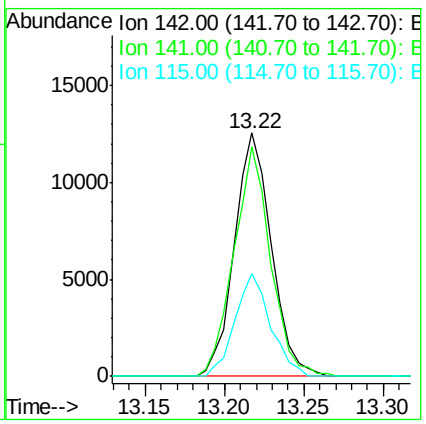


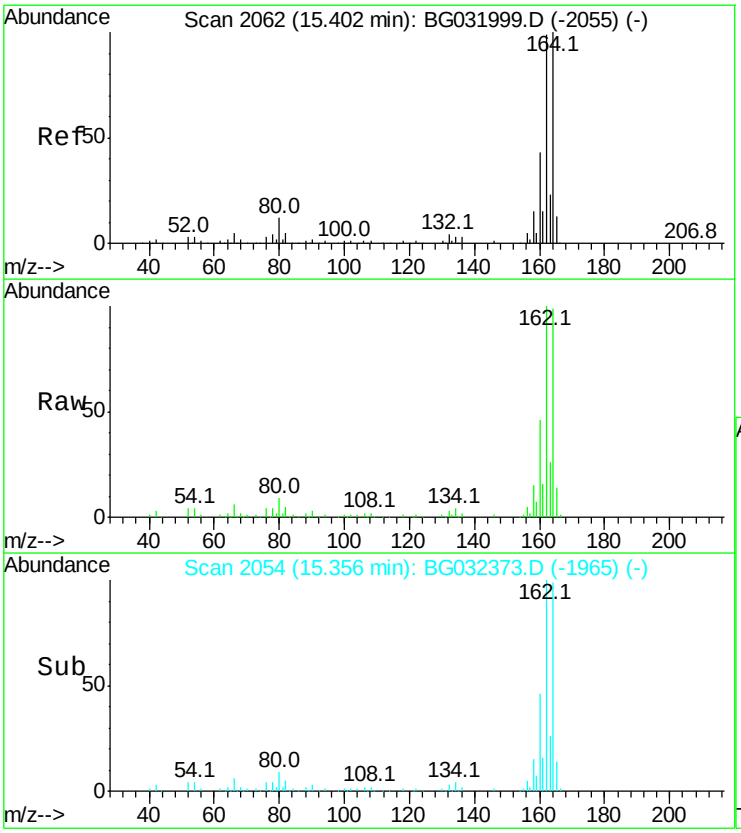
#37
2-Methylnaphthalene
Concen: 4.246 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion:142 Resp: 20306

Ion	Ratio	Lower	Upper
142	100		
141	94.2	67.1	100.7
115	42.1	30.7	46.1

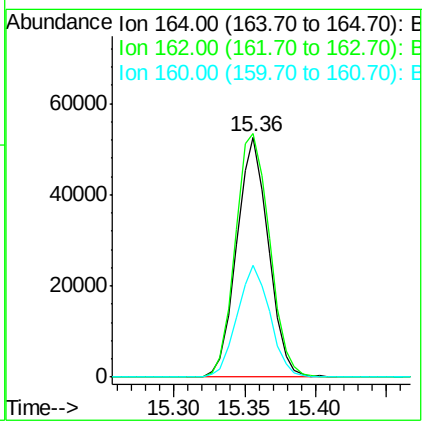


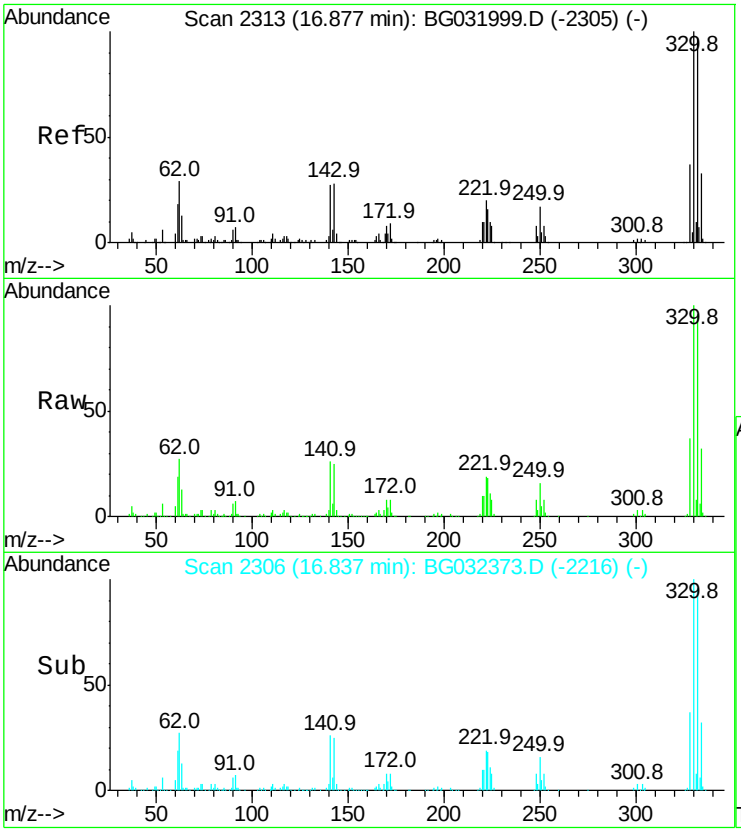


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Tgt Ion:164 Resp: 82433

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.4	35.4	53.0



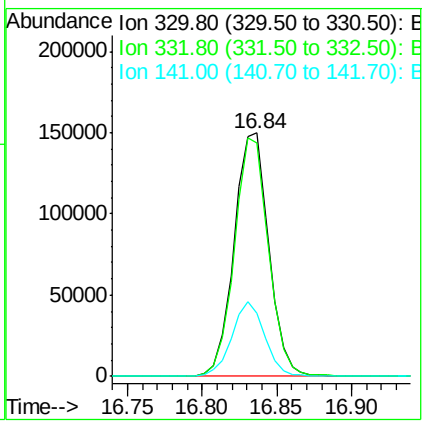


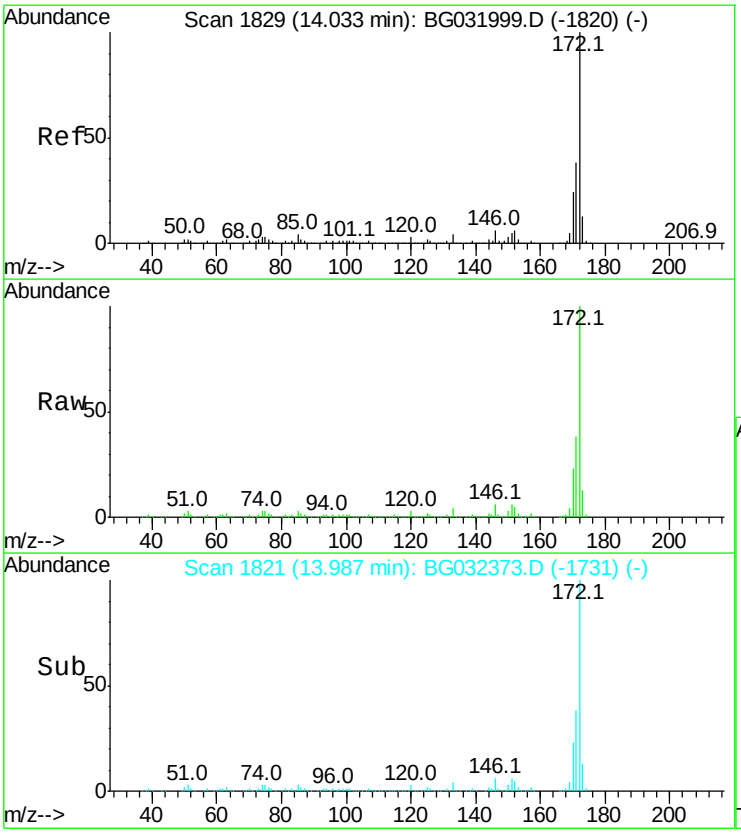
#41
2,4,6-Tribromophenol
Concen: 176.021 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion:330 Resp: 240105

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.4	25.2	37.8

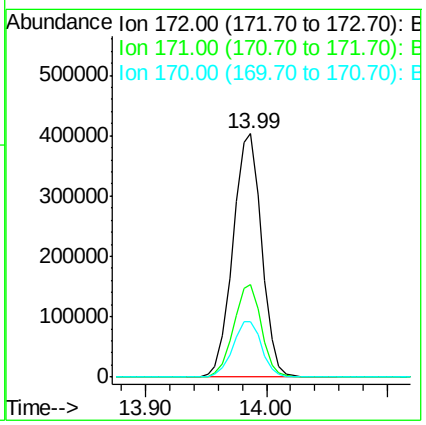


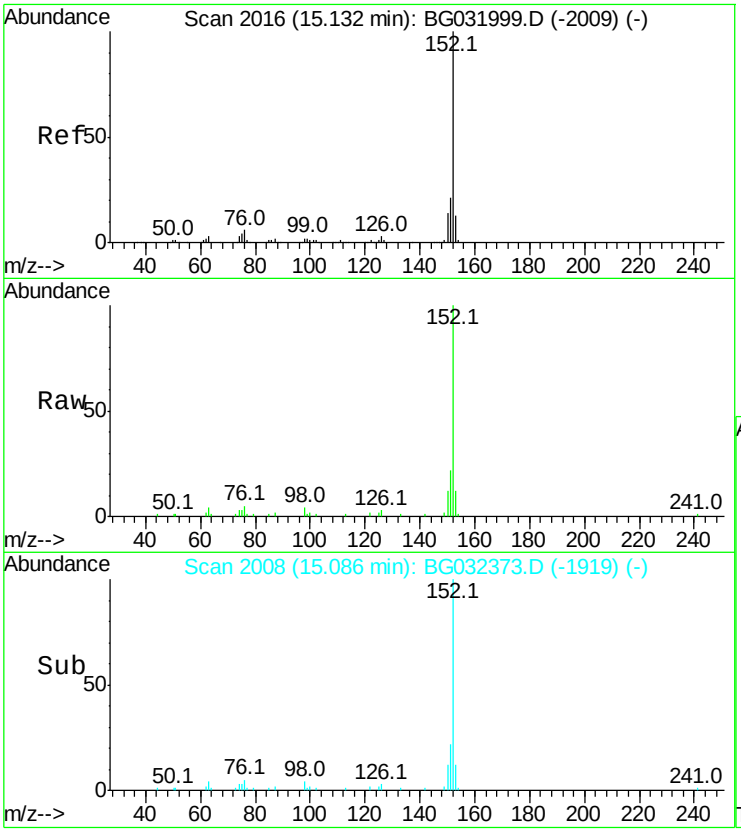


#44
2-Fluorobiphenyl
Concen: 100.197 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Tgt Ion:172 Resp: 666121

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.0	19.5	29.3



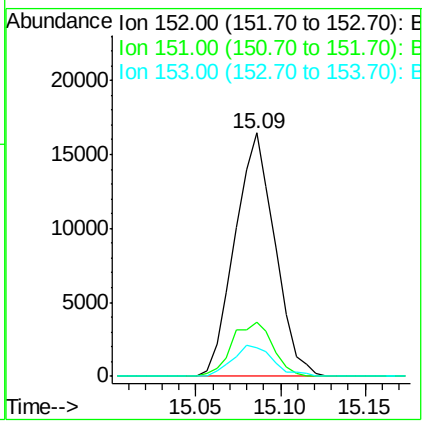


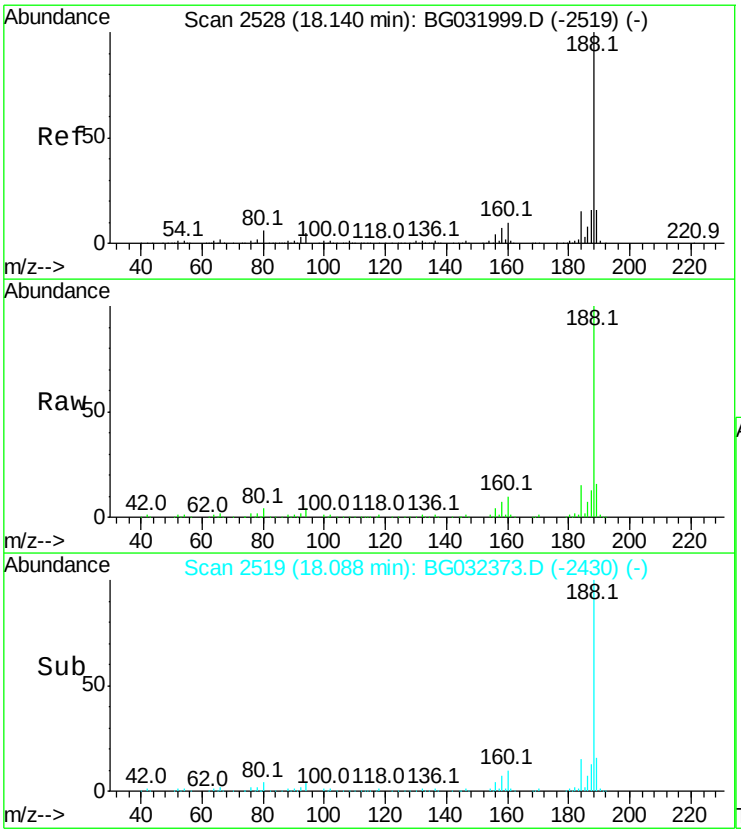
#48
Acenaphthylene
Concen: 3.237 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion:152 Resp: 27095

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.2	25.8
153	11.7	10.2	15.4

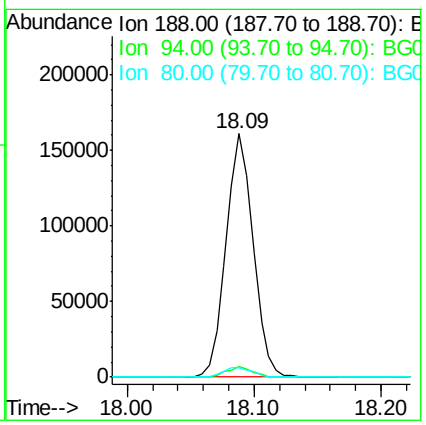


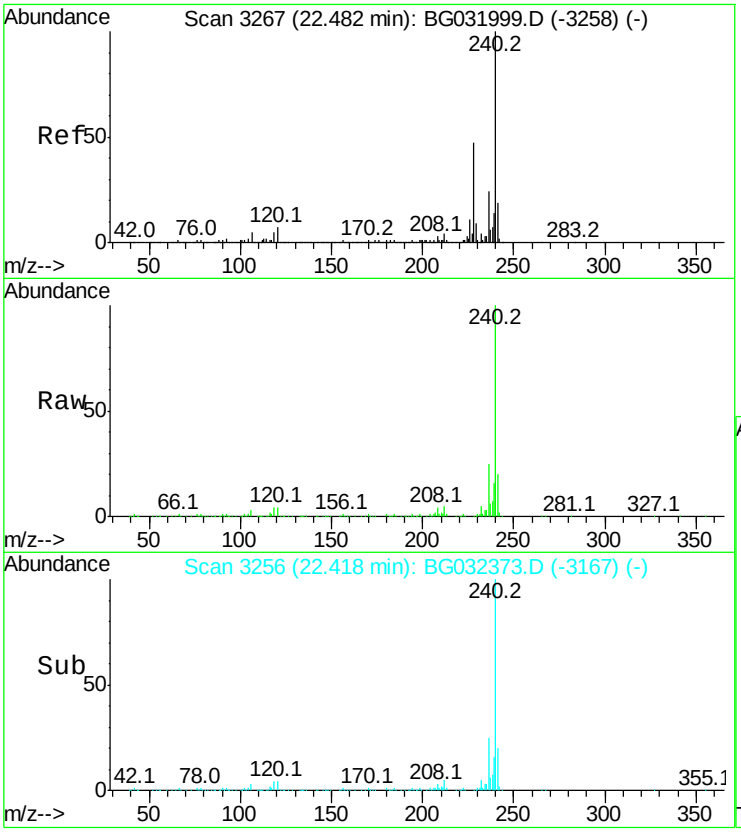


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Tgt Ion:188 Resp: 237559

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	3.9	7.7	11.5#



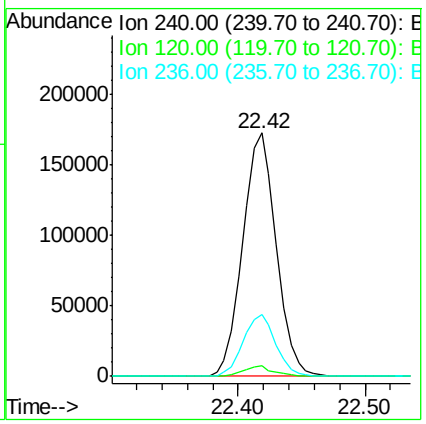


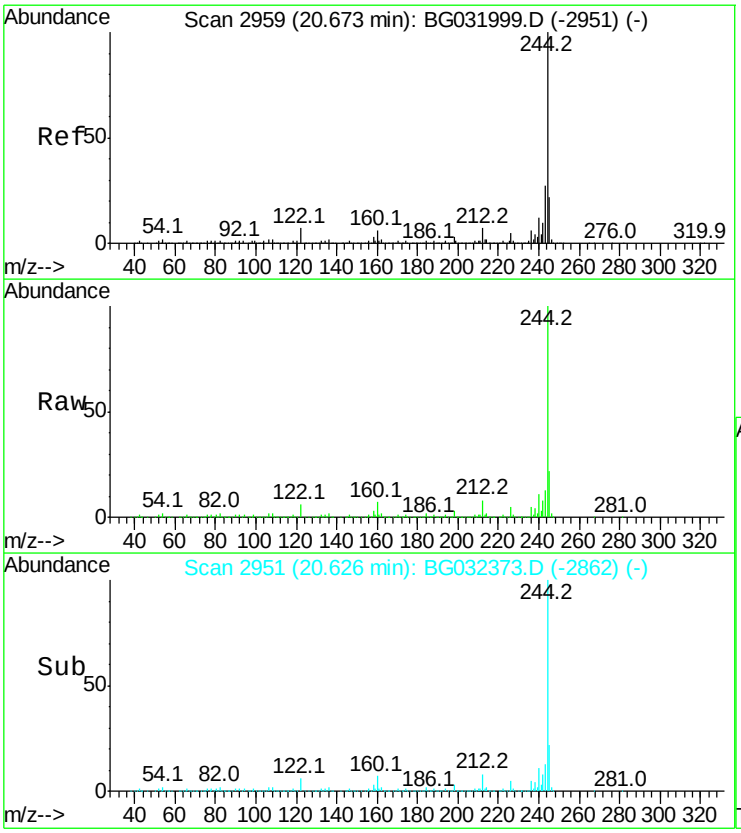
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion:240 Resp: 316672

Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.8	10.2#
236	25.2	20.9	31.3

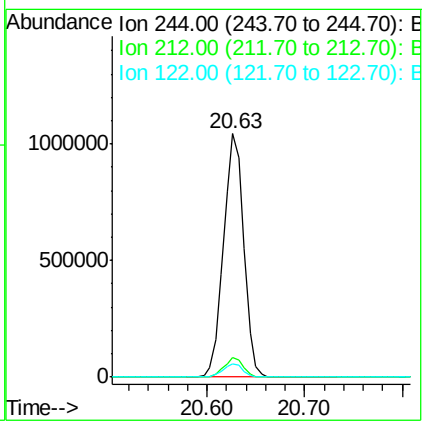


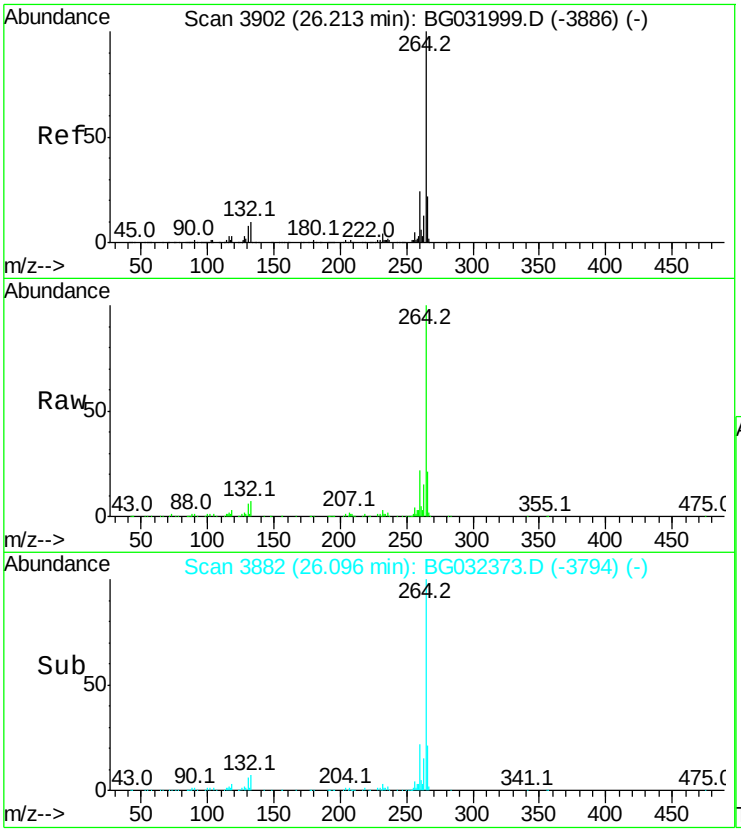


#78
Terphenyl-d14
Concen: 104.222 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Tgt Ion:244 Resp: 1494731

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032373.D
Acq: 28 Jan 2018 2:29

Instrument :
BNA_G
ClientSampleId :
TR-05-012518

Tgt Ion:264 Resp: 317552

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.2	17.7	26.5