Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032537.D
Acq On : 5 Feb 2018 17:09
Operator : SJ/JU
Sample : J1161-01
Misc : LOD 2PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 06 03:19:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	16725	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	66399	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	65230	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	184256	20.00	ng	0.00
75) Chrysene-d12	22.40	240	240442	20.00	ng	-0.01
86) Perylene-d12	26.07	264	257556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	115367	138.55	ng	0.00
7) Phenol-d6	7.83	99	171014	153.91	ng	0.00
23) Nitrobenzene-d5	9.91	82	80535	75.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	170632	137.42	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	456865	83.25	ng	-0.01
78) Terphenyl-d14	20.62	244	944859	84.18	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.81	77	1736	3.025	ng	# 67
10) Phenol	7.86	94	2280	2.161	ng	# 29
32) Benzoic acid	10.82	122	85	7.392	ng	# 1
37) 2-Methylnaphthalene	13.21	142	5671	2.082	ng	91

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

Quantitation Report (Not Reviewed)

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Misc : LOD 2PPM
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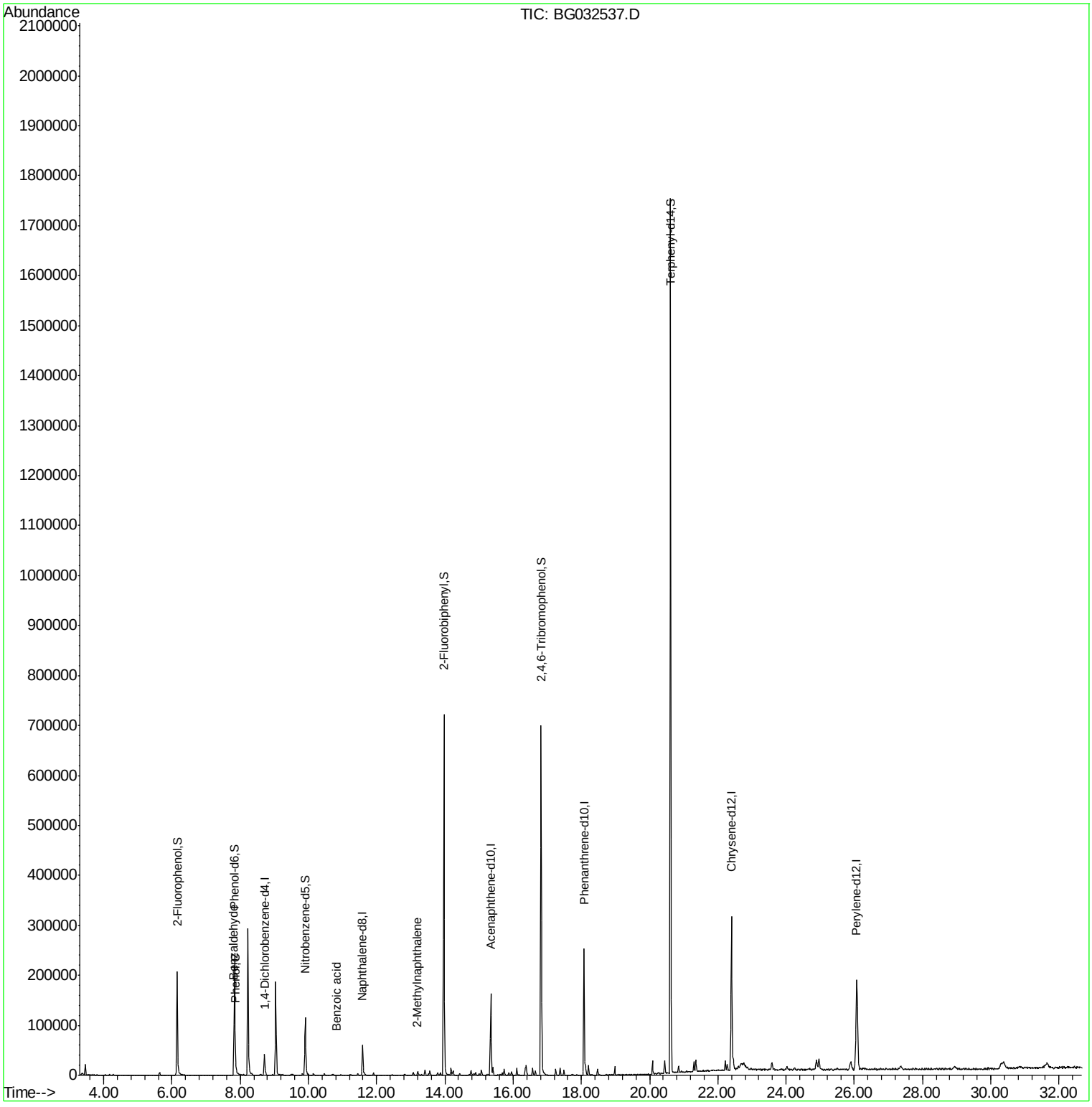
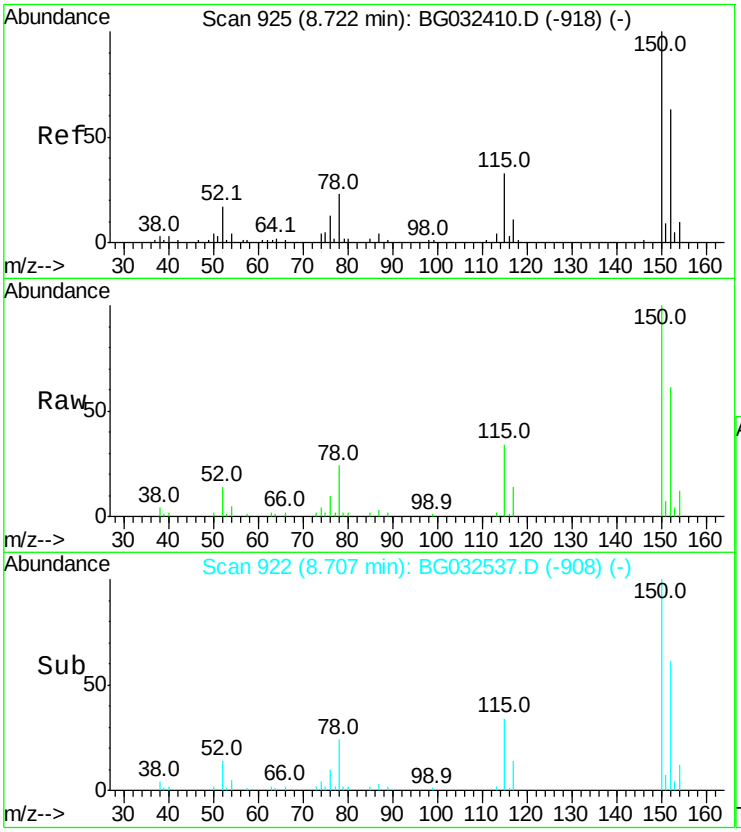


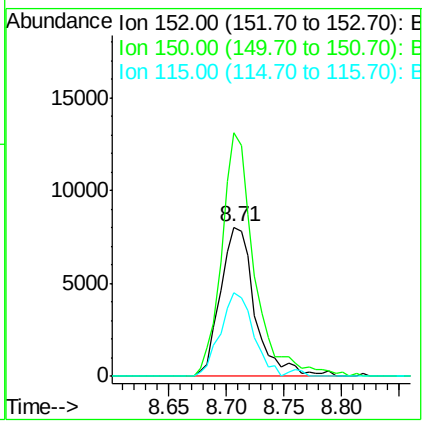


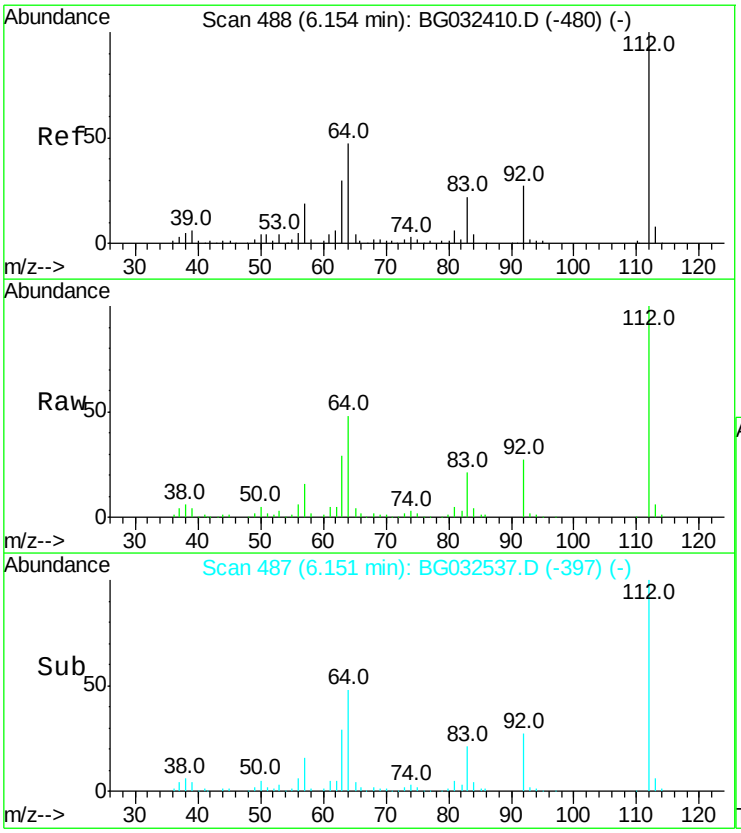
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 16725

Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.6	189.8
115	56.2	53.0	79.4

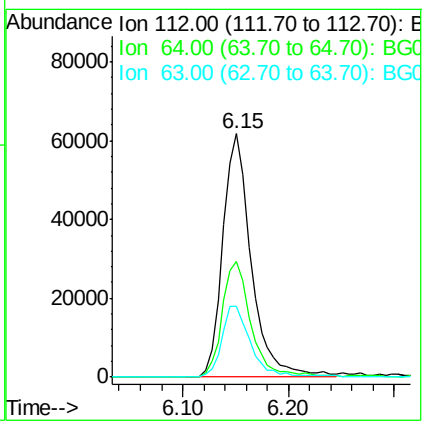


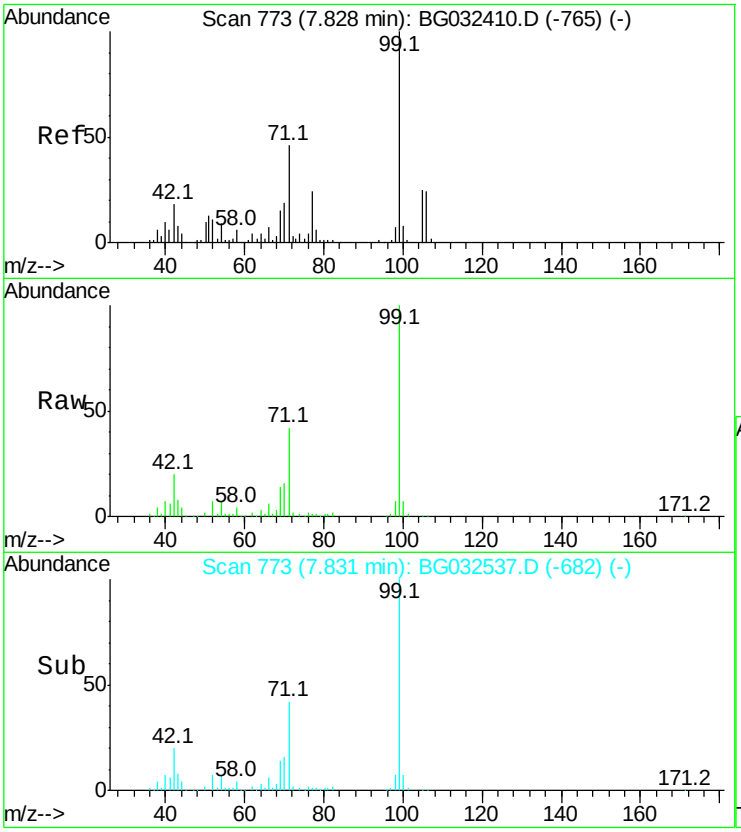


#5
2-Fluorophenol
Concen: 138.548 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion:112 Resp: 115367

Ion	Ratio	Lower	Upper
112	100		
64	47.6	56.3	84.5#
63	28.9	30.1	45.1#



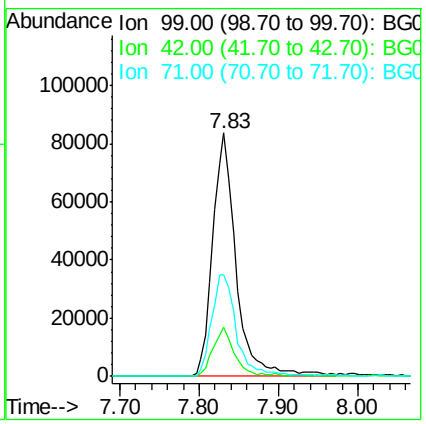


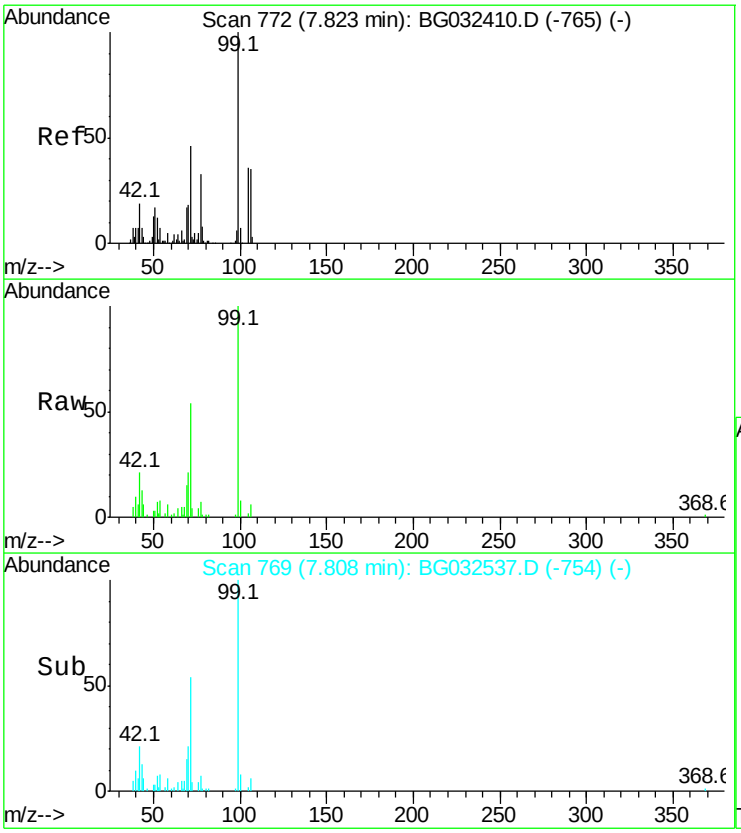
#7
Phenol-d6
Concen: 153.907 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 171014

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.1	21.1
71	41.6	26.1	39.1#

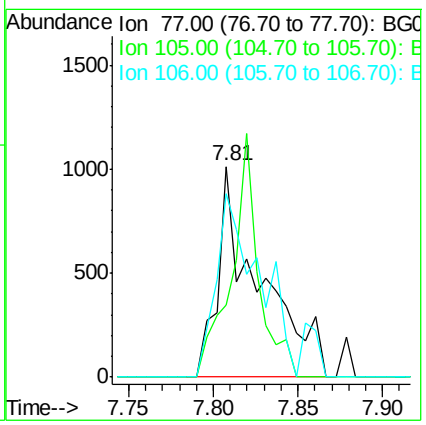


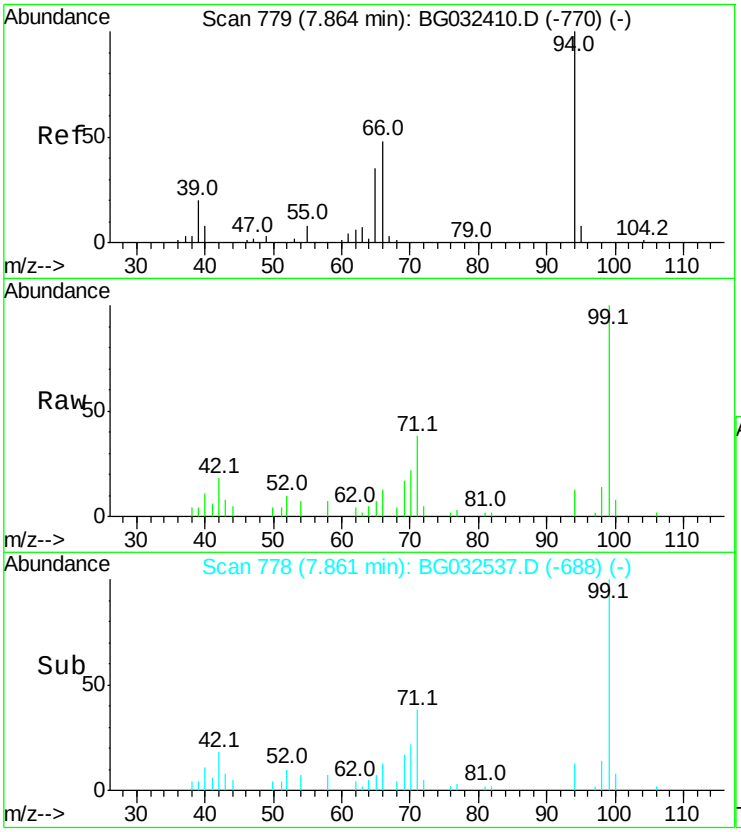


#9
Benzaldehyde
Concen: 3.025 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion: 77 Resp: 1736

Ion	Ratio	Lower	Upper
77	100		
105	34.1	71.3	111.3#
106	87.0	64.2	104.2



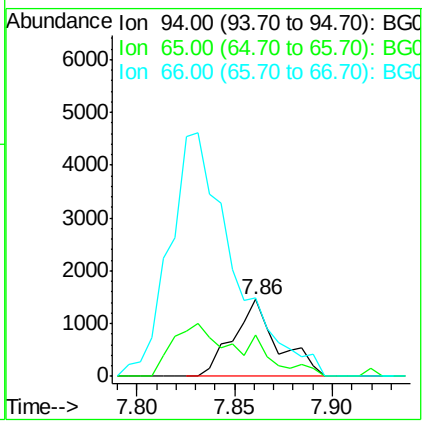


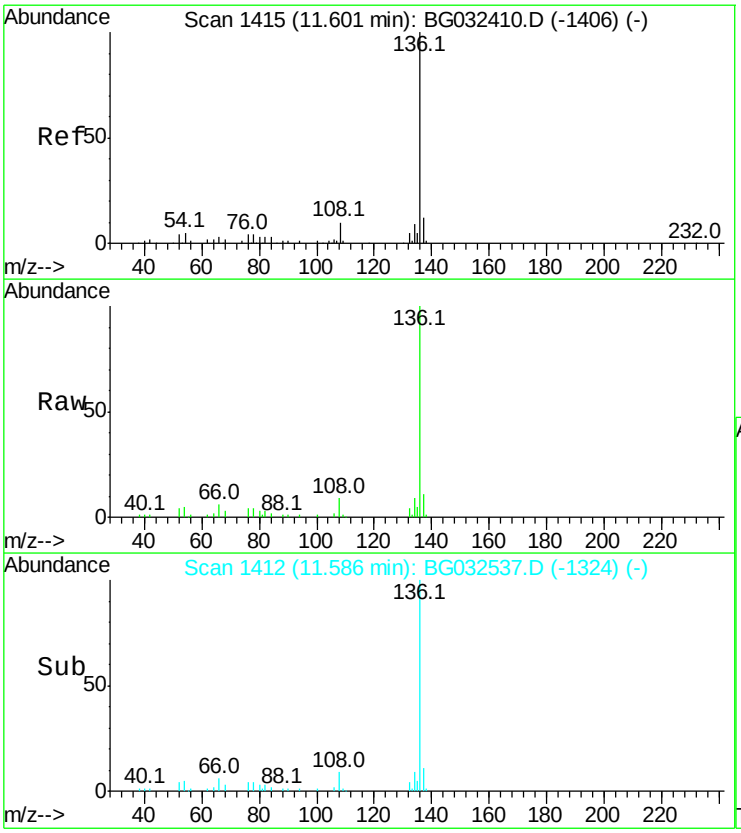
#10
Phenol
Concen: 2.161 ng
RT: 7.86 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 2280

Ion	Ratio	Lower	Upper
94	100		
65	53.2	11.9	51.9#
66	102.8	22.2	62.2#

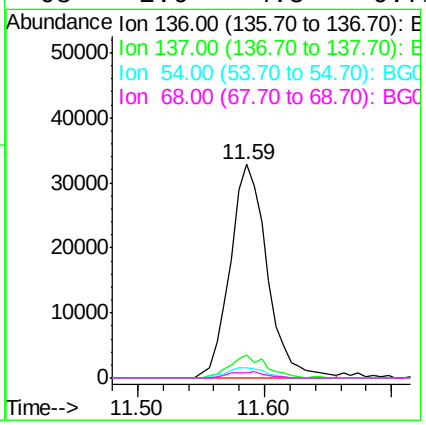


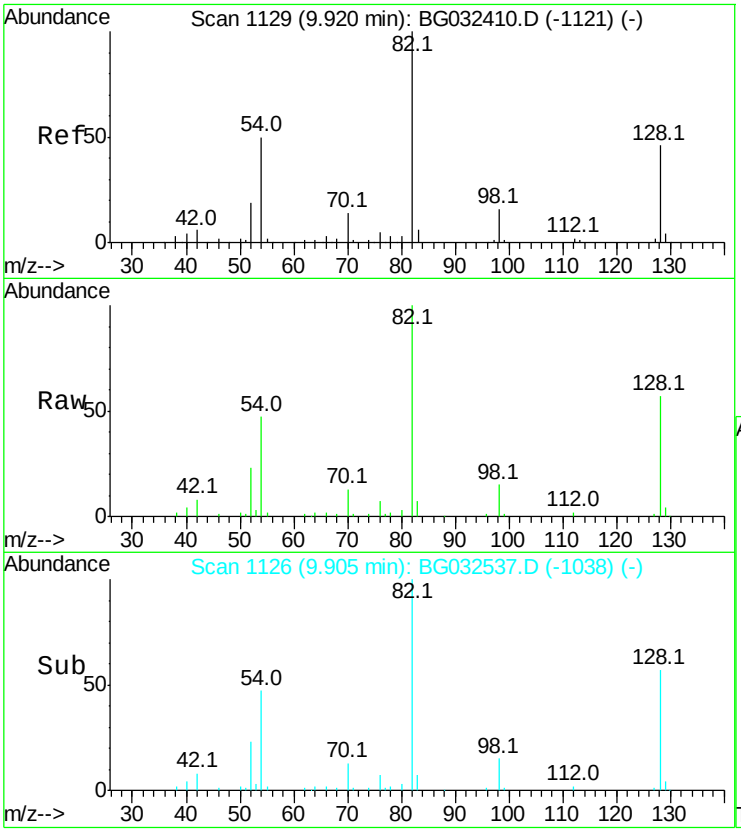


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion:136 Resp: 66399

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.7	10.3	15.5#
68	2.6	4.5	6.7#



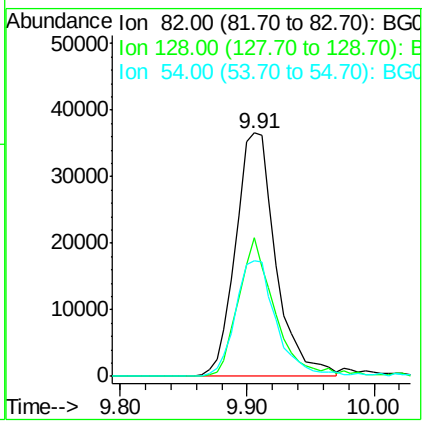


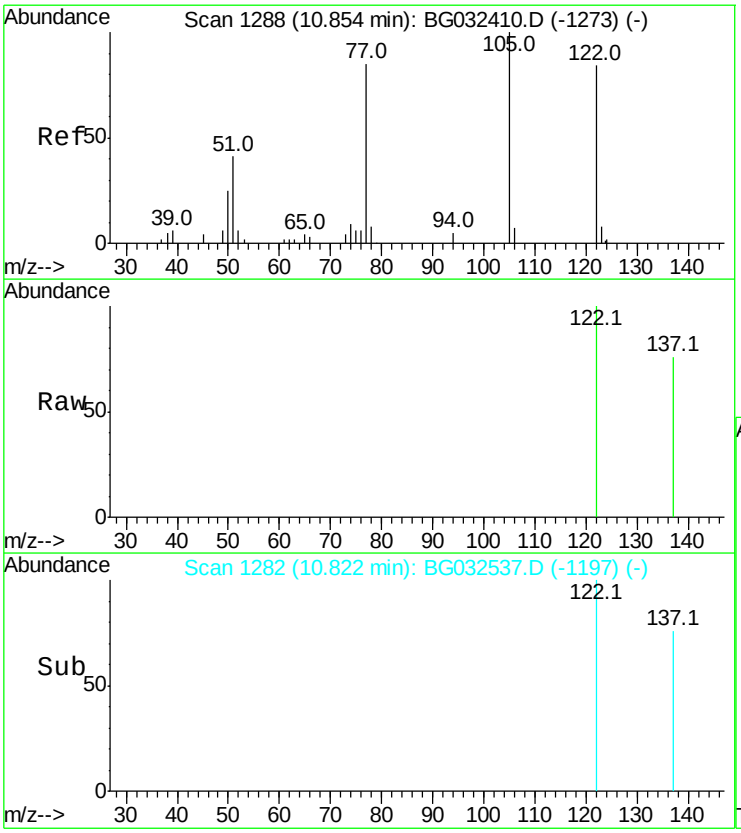
#23
Nitrobenzene-d5
Concen: 75.758 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 80535

Ion	Ratio	Lower	Upper
82	100		
128	57.0	29.7	44.5#
54	47.4	43.1	64.7

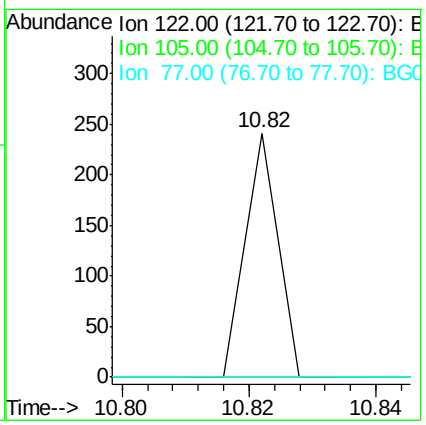


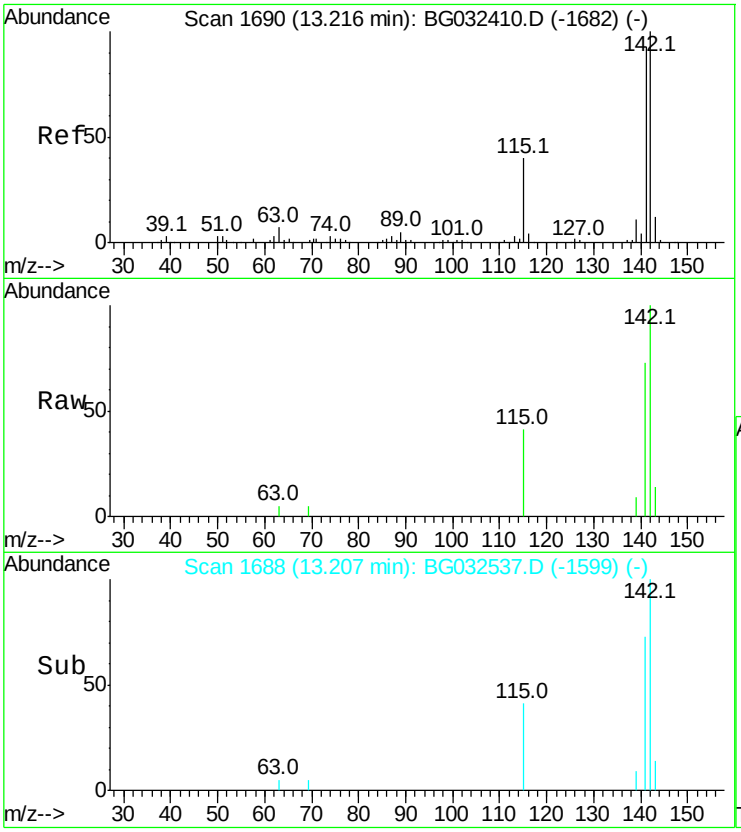


#32
Benzoic acid
Concen: 7.392 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion:122 Resp: 85

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



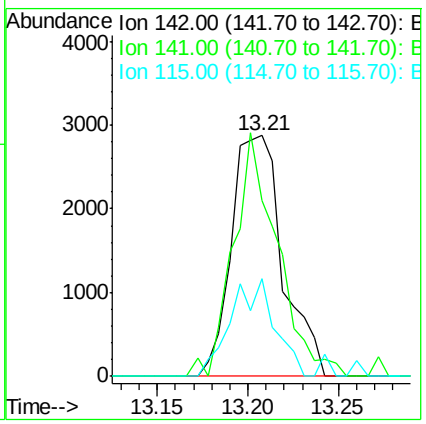


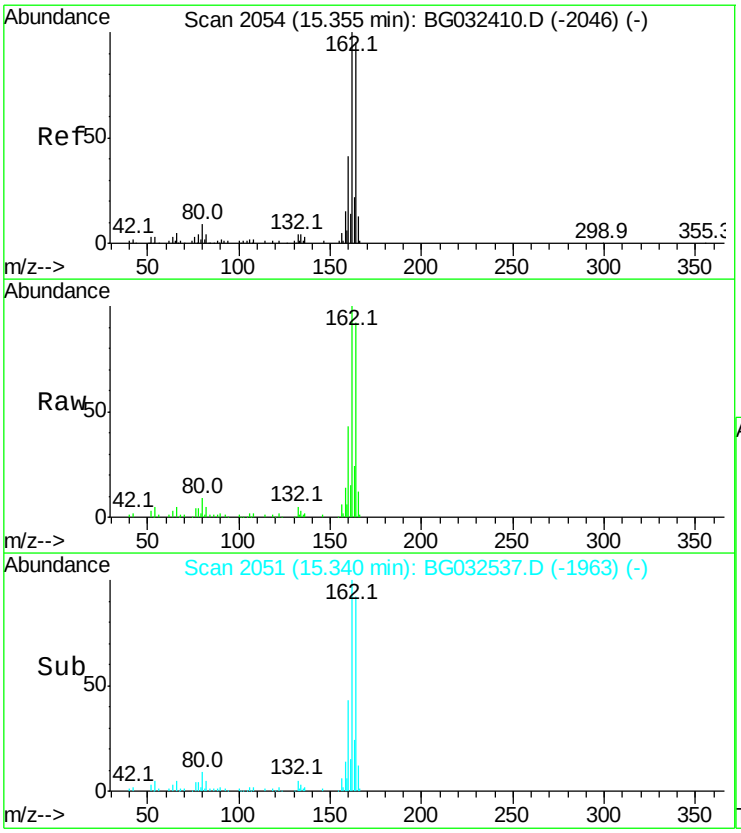
#37
2-Methylnaphthalene
Concen: 2.082 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 5671

Ion	Ratio	Lower	Upper
142	100		
141	73.4	67.1	100.7
115	40.6	30.7	46.1

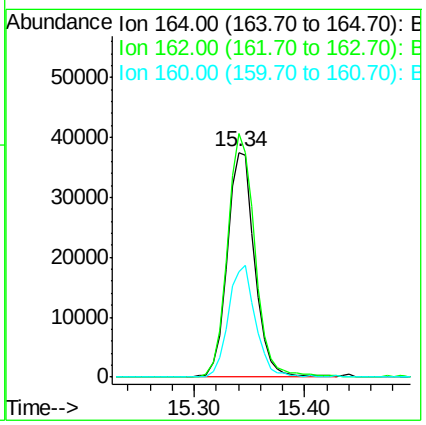


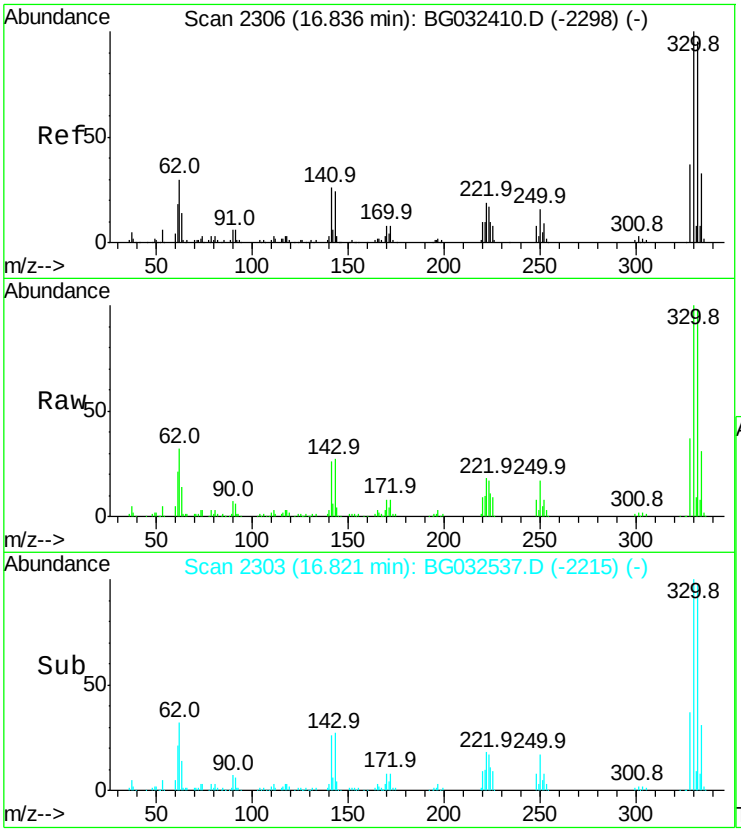


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion:164 Resp: 65230

Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	46.6	35.4	53.0



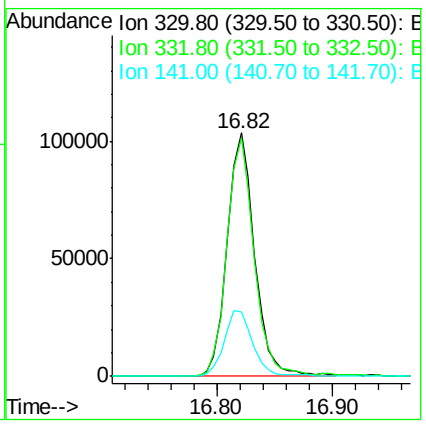


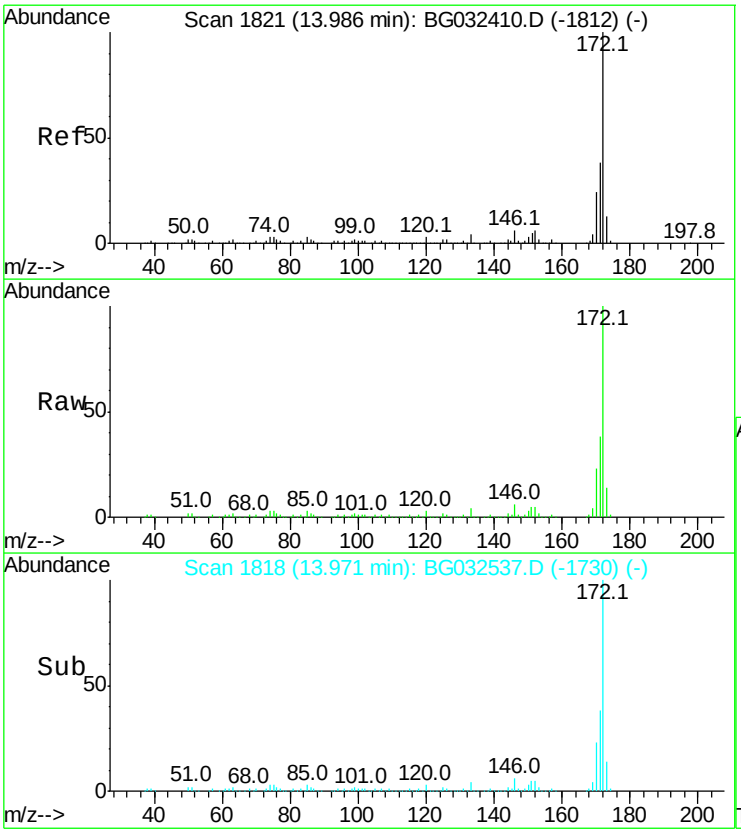
#41
2,4,6-Tribromophenol
Concen: 137.423 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 170632

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.4	25.2	37.8

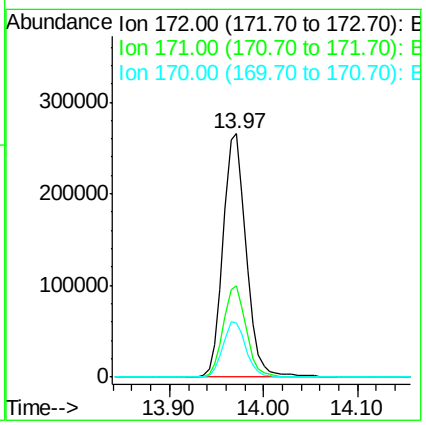


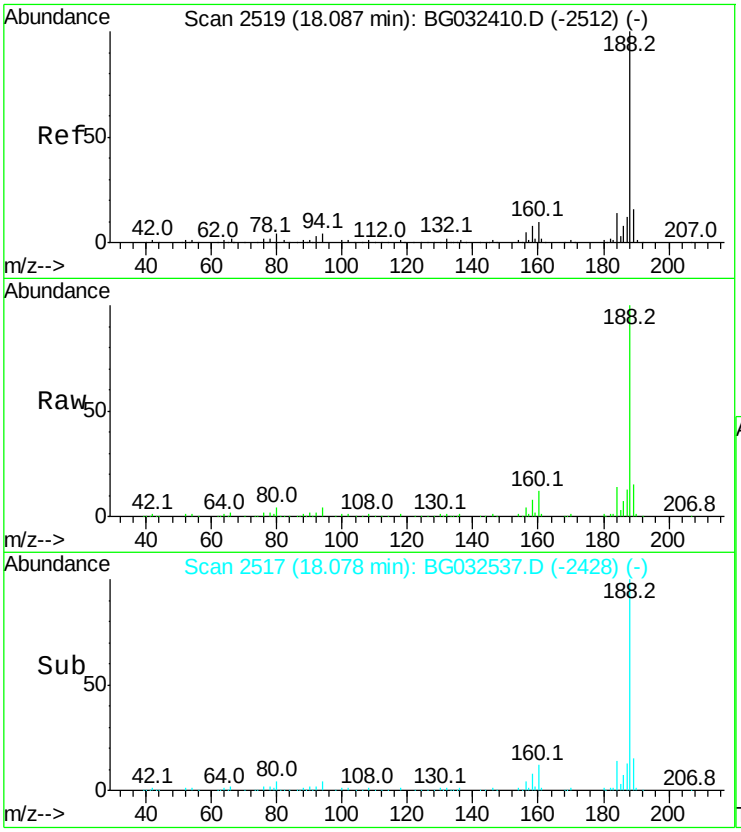


#44
2-Fluorobiphenyl
Concen: 83.246 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion:172 Resp: 456865

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.5	19.5	29.3



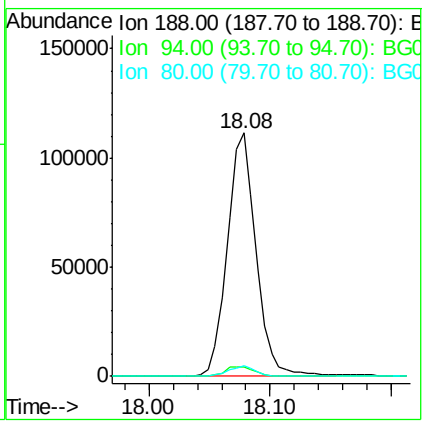


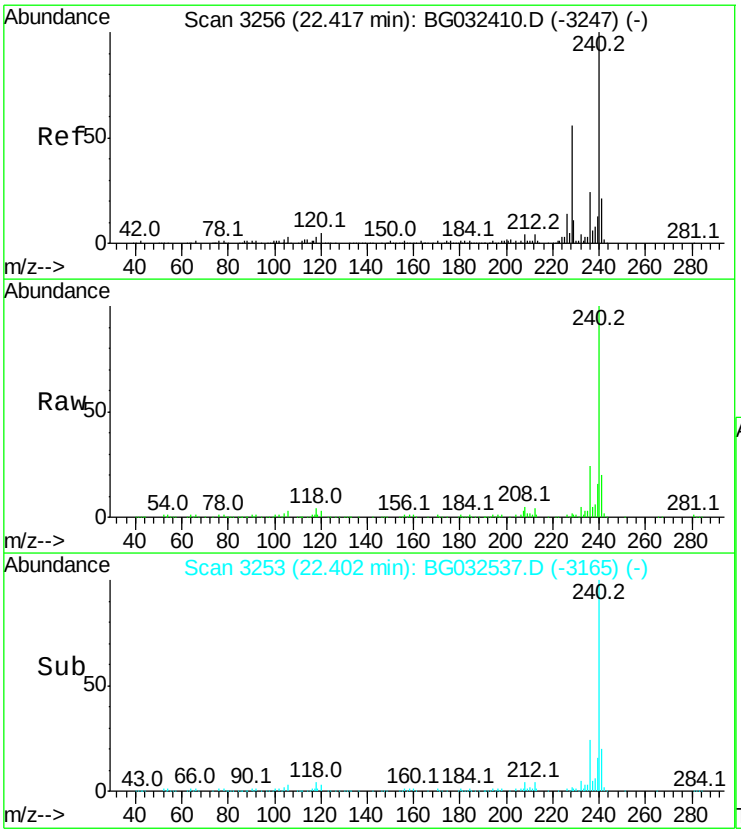
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 184256

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.3	7.7	11.5#

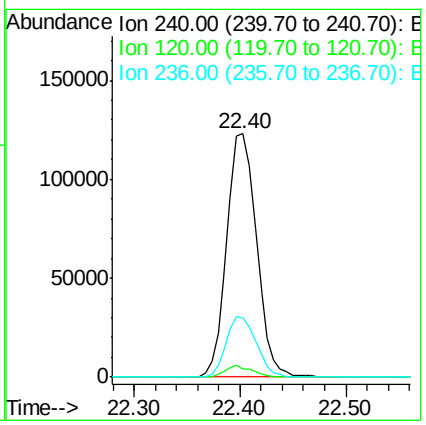


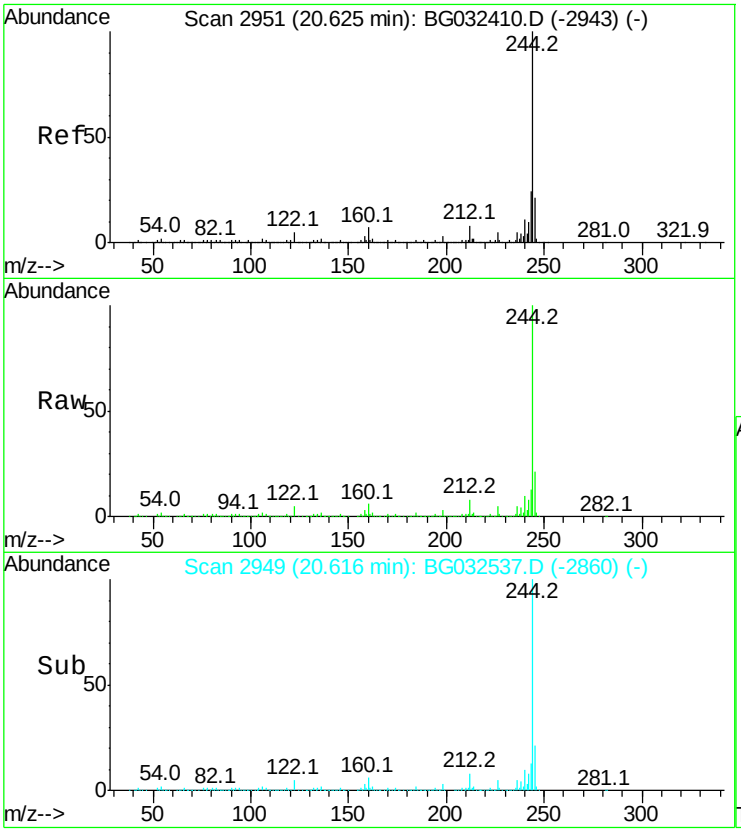


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion:240 Resp: 240442

Ion	Ratio	Lower	Upper
240	100		
120	3.1	6.8	10.2#
236	24.4	20.9	31.3



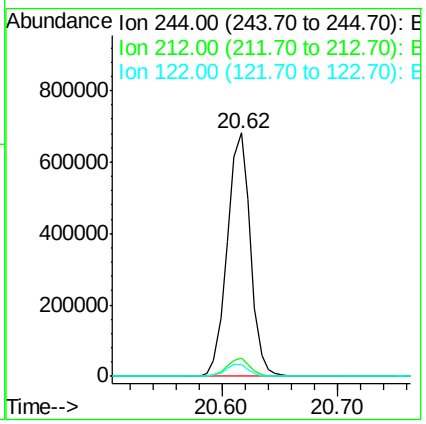


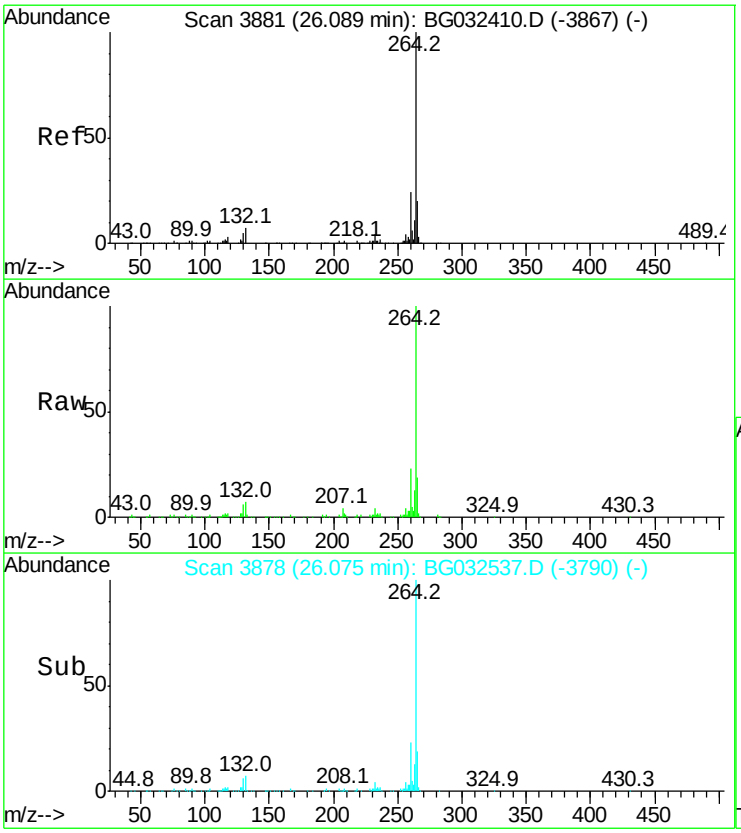
#78
Terphenyl-d14
Concen: 84.177 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 944859

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BG032537.D
Acq: 5 Feb 2018 17:09

Tgt Ion:264 Resp: 257556

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	19.2	17.7	26.5