Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032542.D
Acq On : 5 Feb 2018 20:18
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 2PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 06 03:22:08 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	17859	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	80235	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	55268	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	147421	20.00	ng	-0.02
75) Chrysene-d12	22.40	240	204833	20.00	ng	-0.02
86) Perylene-d12	26.07	264	232480	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	128905	144.98	ng	0.00
7) Phenol-d6	7.83	99	146877	123.79	ng	0.00
23) Nitrobenzene-d5	9.90	82	97172	75.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	146814	139.55	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	337812	72.65	ng	-0.02
78) Terphenyl-d14	20.62	244	831974	87.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.81	88	601	2.009	ng	# 9
32) Benzoic acid	10.80	122	65	7.352	ng	# 1
53) 2,4-Dinitrophenol	15.33	184	64	4.195	ng	# 44

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

Quantitation Report (Not Reviewed)

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Acq On : 5 Feb 2018 20:18
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Misc : MDL 2PPM
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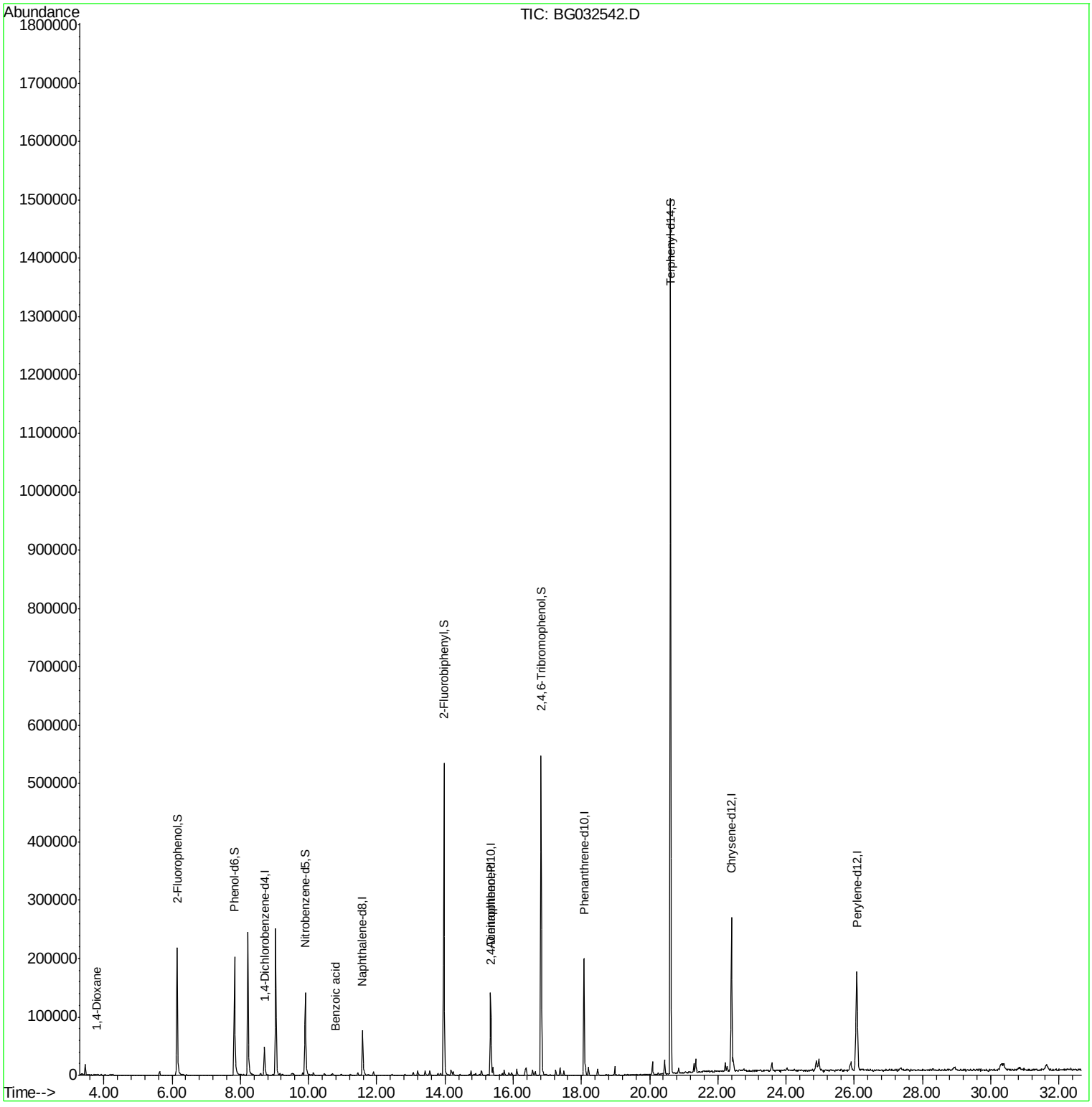
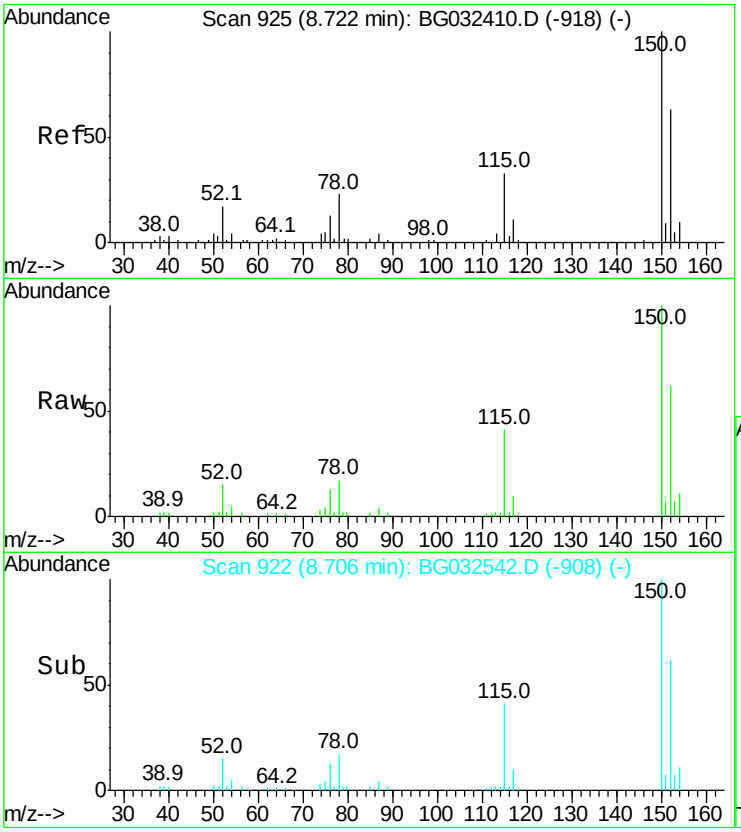


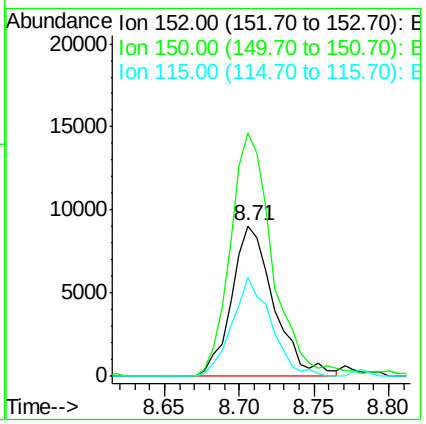


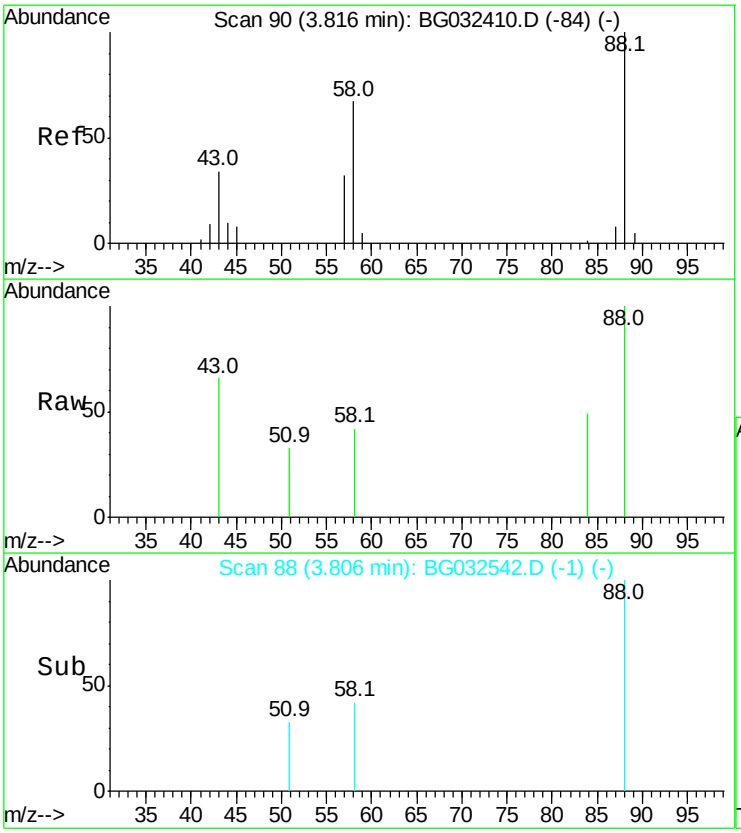
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 17859

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.6	189.8
115	66.2	53.0	79.4

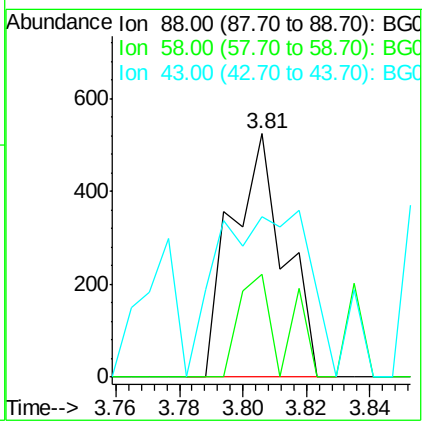


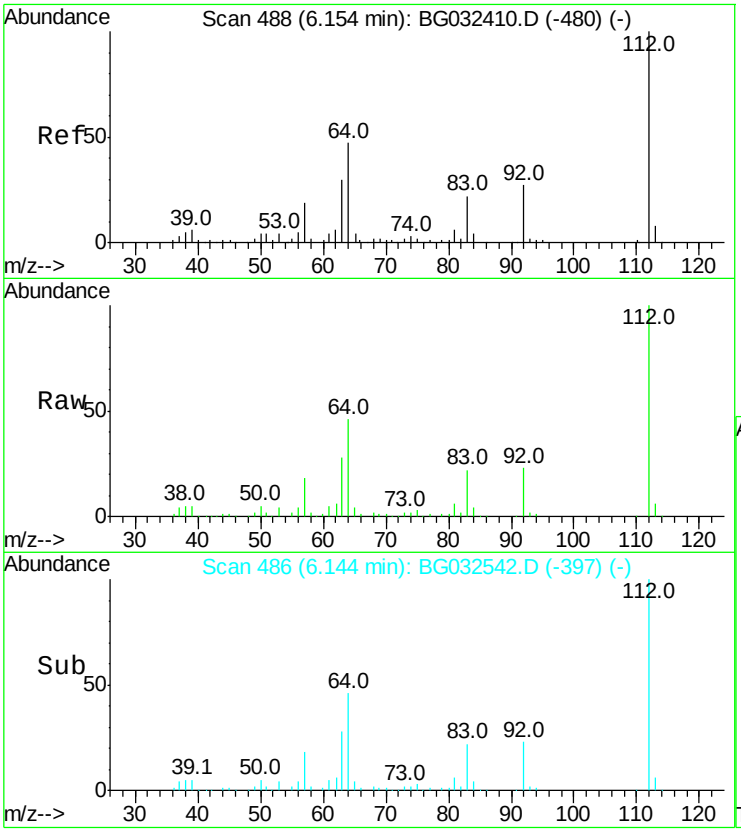


#2
1,4-Dioxane
Concen: 2.009 ng
RT: 3.81 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion: 88 Resp: 601

Ion	Ratio	Lower	Upper
88	100		
58	34.8	79.6	119.4#
43	129.5	27.4	41.0#



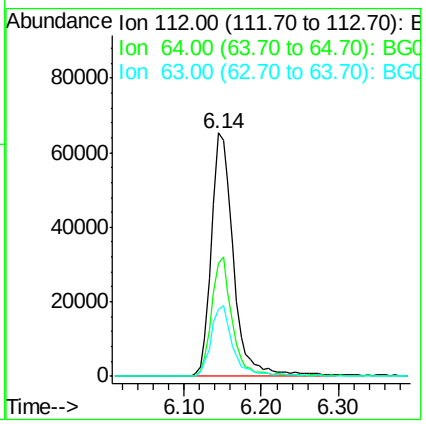


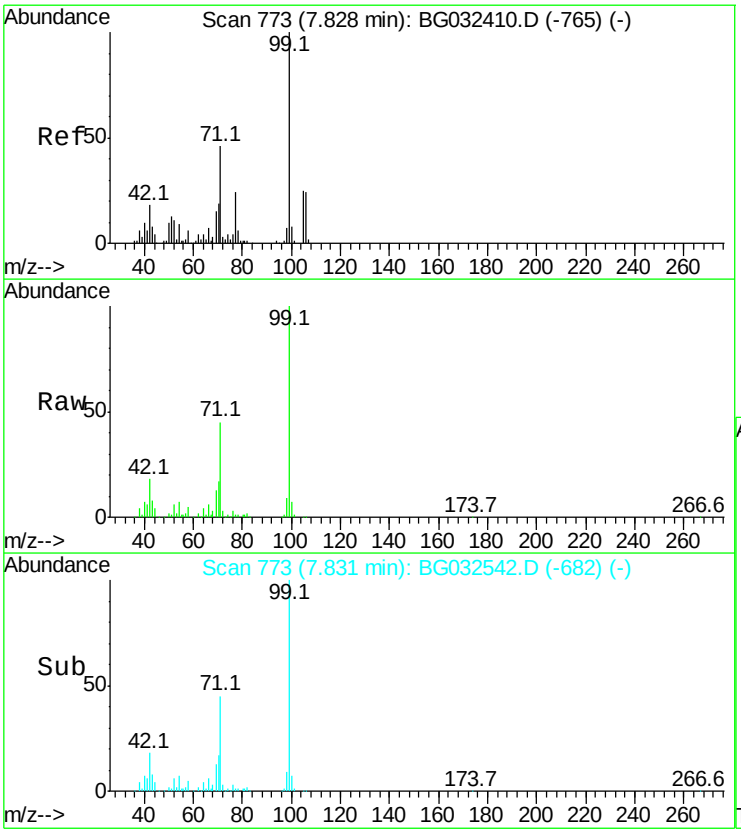
#5
2-Fluorophenol
Concen: 144.976 ng
RT: 6.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 128905

Ion	Ratio	Lower	Upper
112	100		
64	46.3	56.3	84.5#
63	27.6	30.1	45.1#

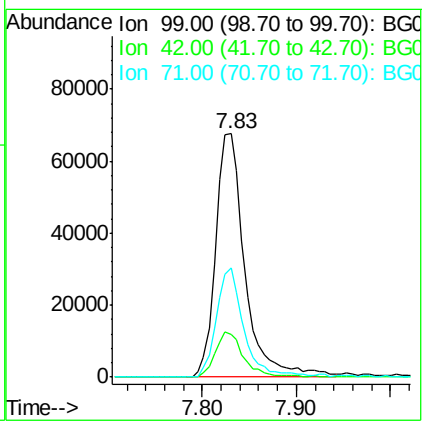


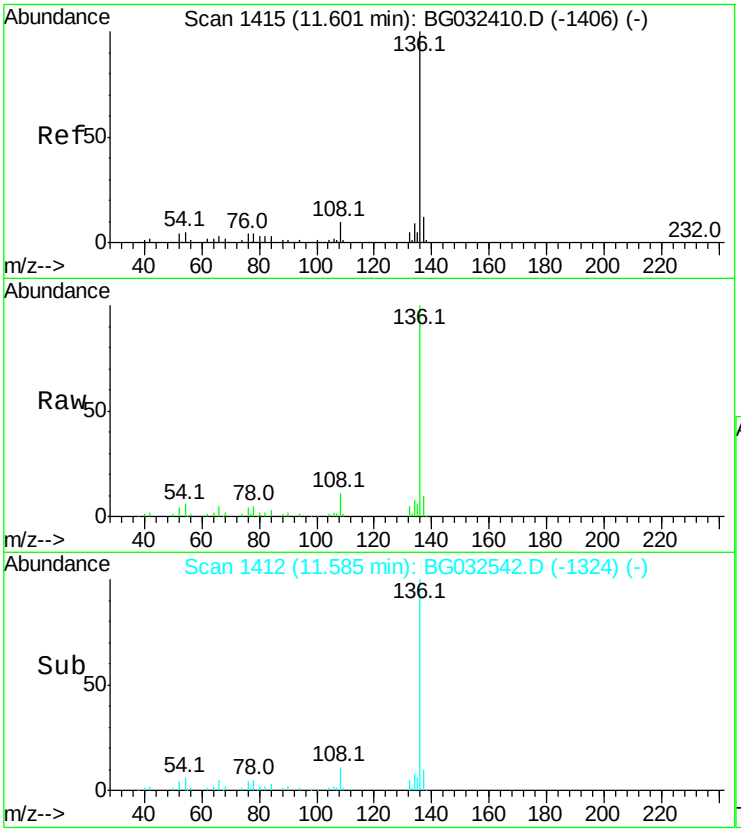


#7
Phenol-d6
Concen: 123.791 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion: 99 Resp: 146877

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	44.8	26.1	39.1#



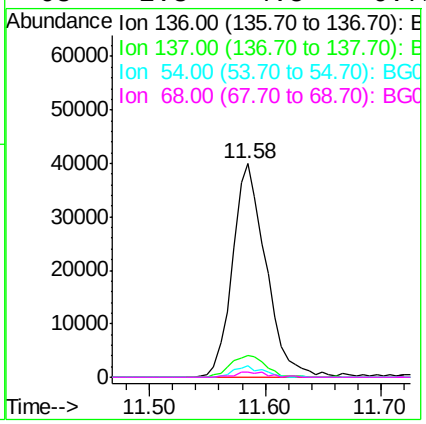


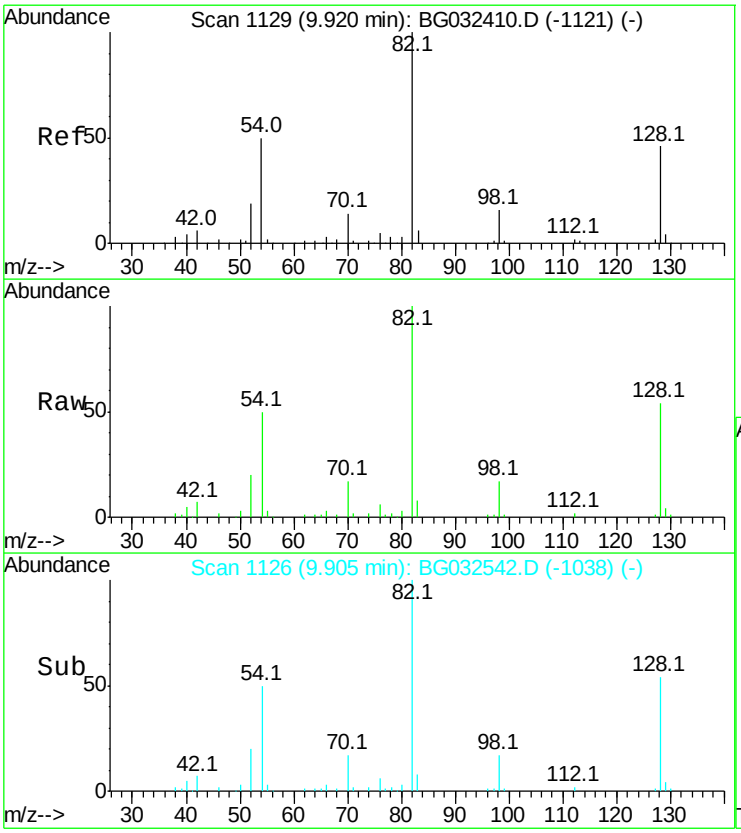
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 80235

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	5.6	10.3	15.5#
68	2.3	4.5	6.7#

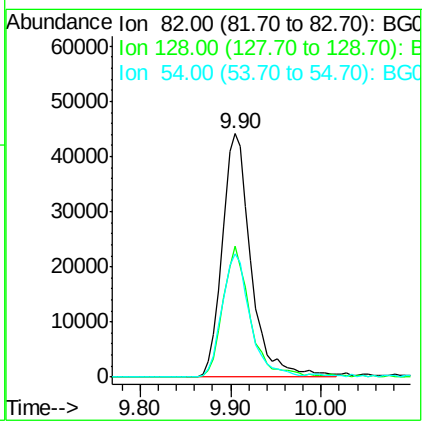


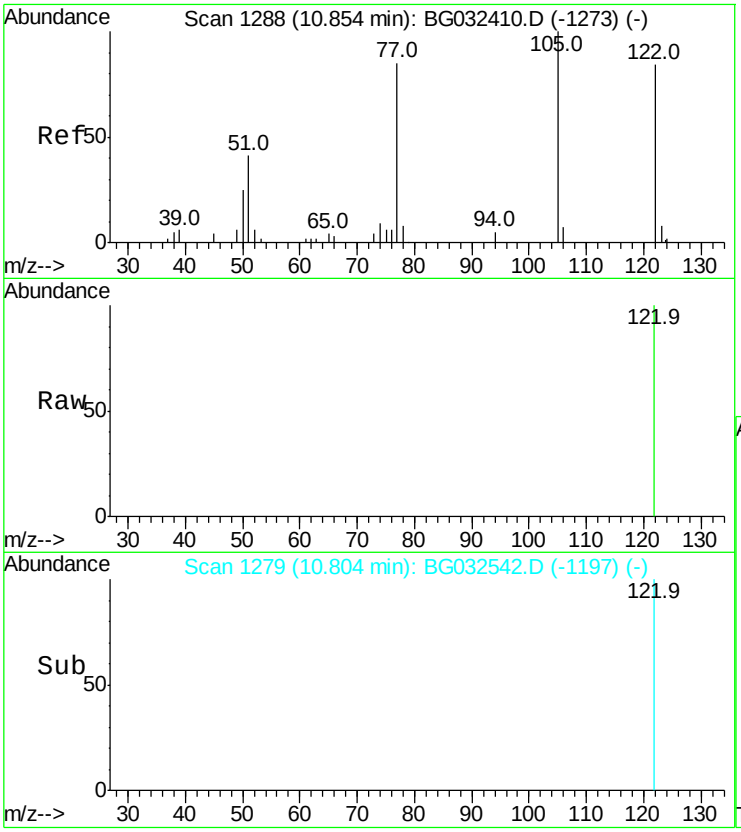


#23
Nitrobenzene-d5
Concen: 75.645 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion: 82 Resp: 97172

Ion	Ratio	Lower	Upper
82	100		
128	53.7	29.7	44.5#
54	50.5	43.1	64.7



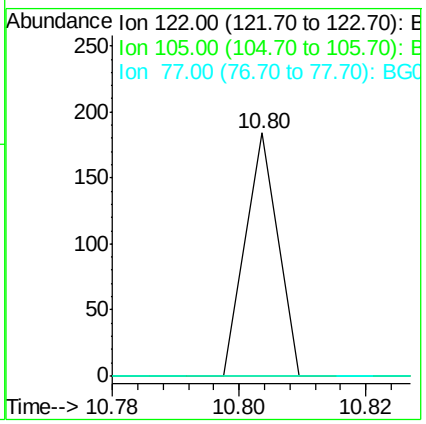


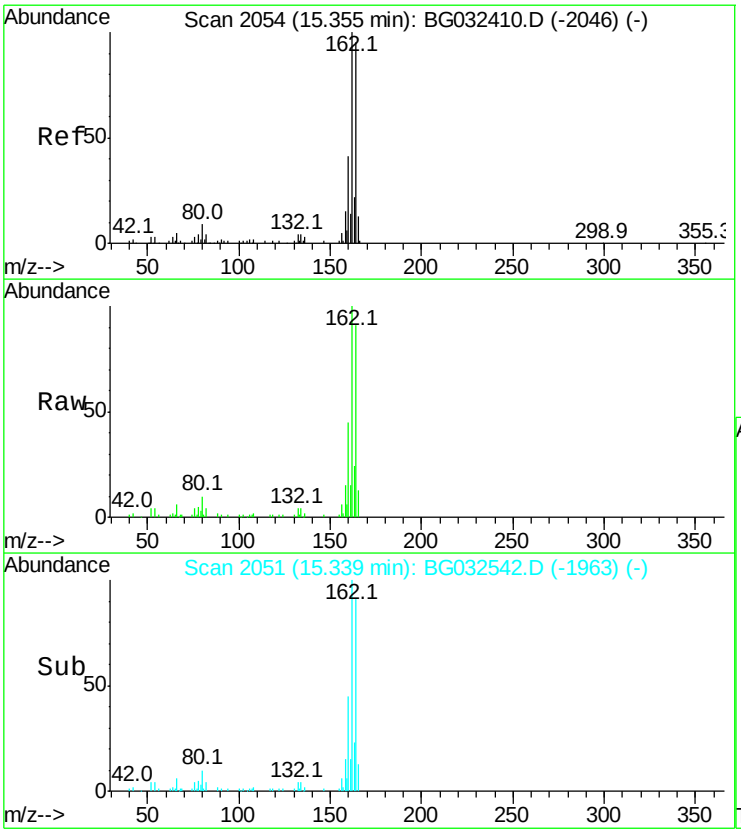
#32
Benzoic acid
Concen: 7.352 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 65

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

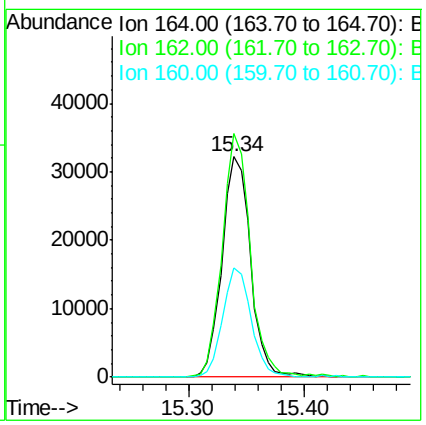


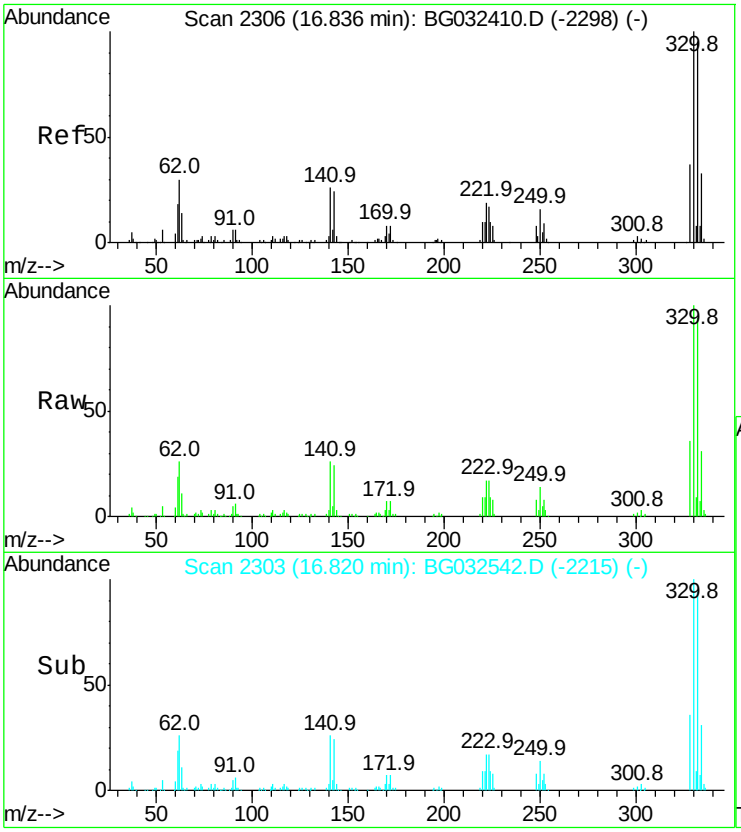


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion:164 Resp: 55268

Ion	Ratio	Lower	Upper
164	100		
162	110.4	78.8	118.2
160	49.3	35.4	53.0



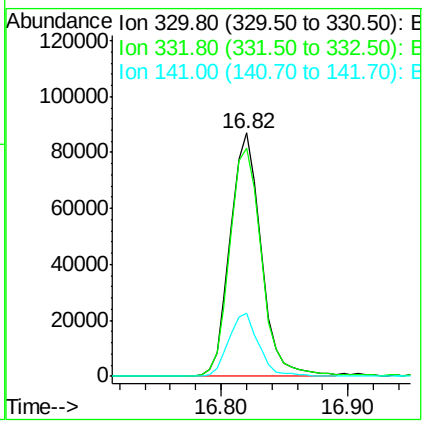


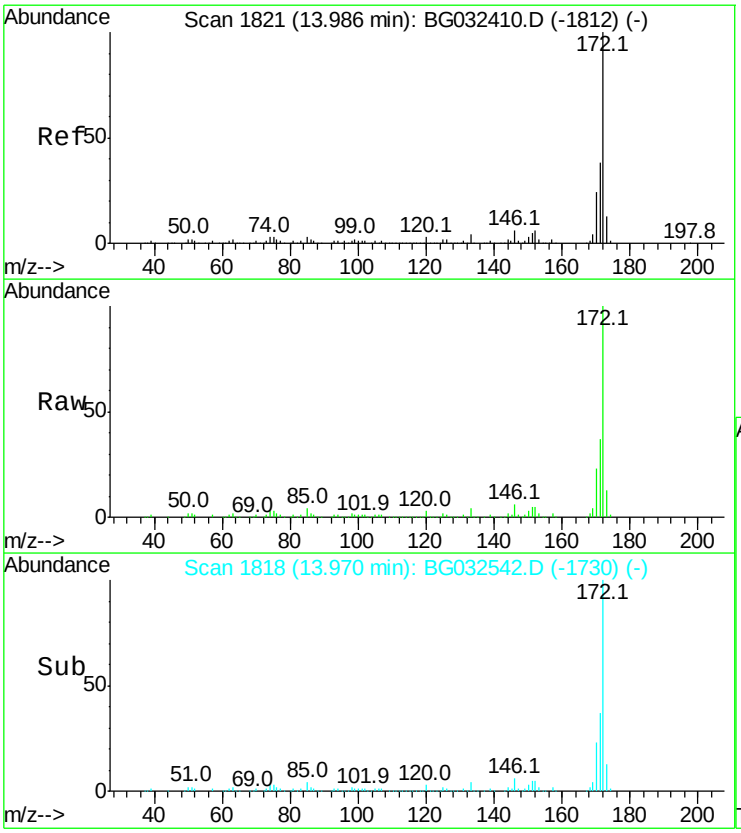
#41
2,4,6-Tribromophenol
Concen: 139.553 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 146814

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	25.3	25.2	37.8

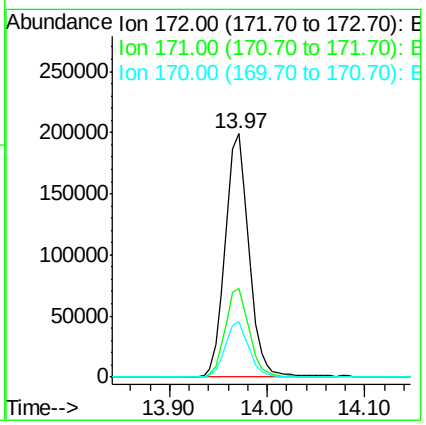


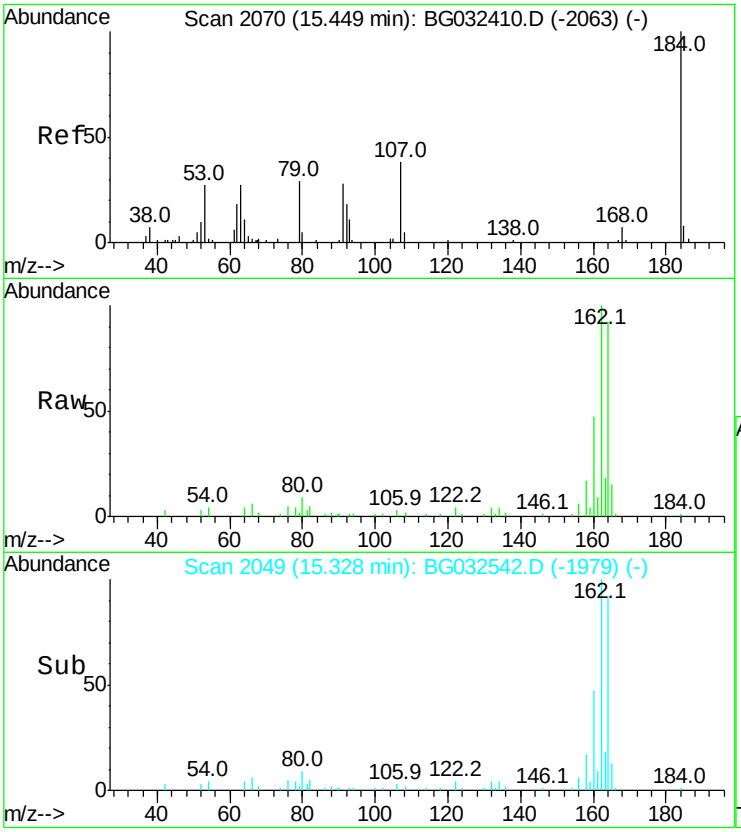


#44
2-Fluorobiphenyl
Concen: 72.648 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion:172 Resp: 337812

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	22.7	19.5	29.3



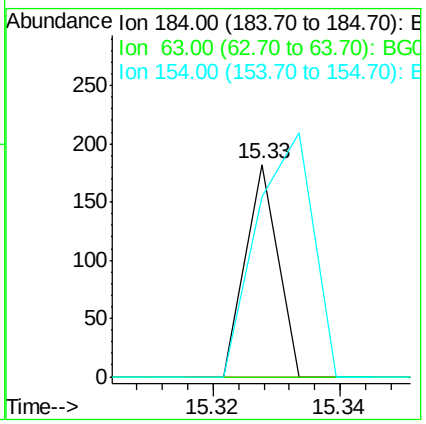


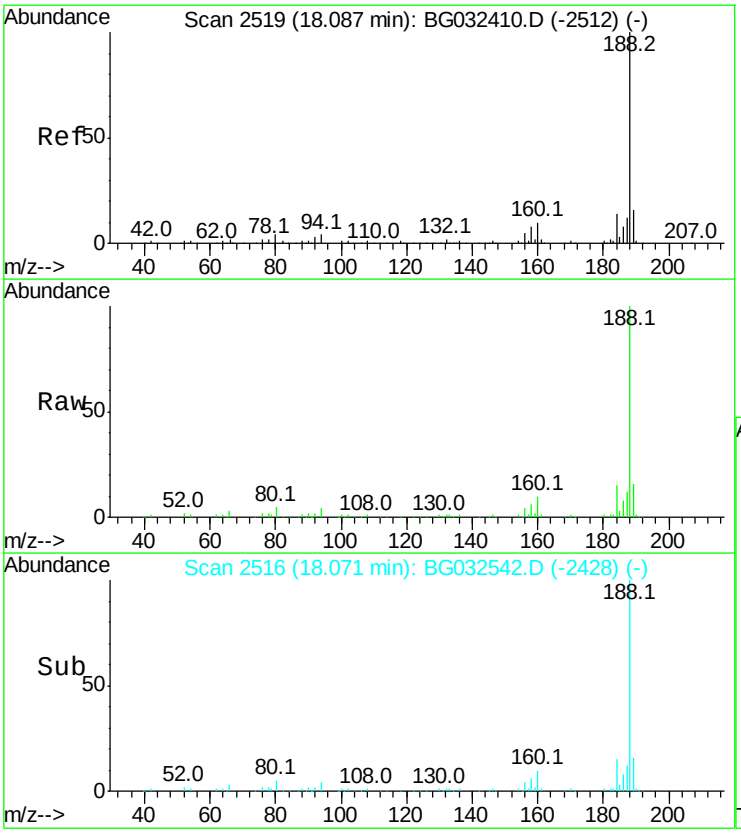
#53
2,4-Dinitrophenol
Concen: 4.195 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.12 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	85.2	101.8	152.8#

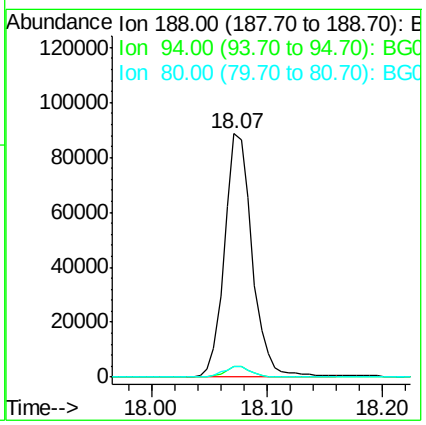


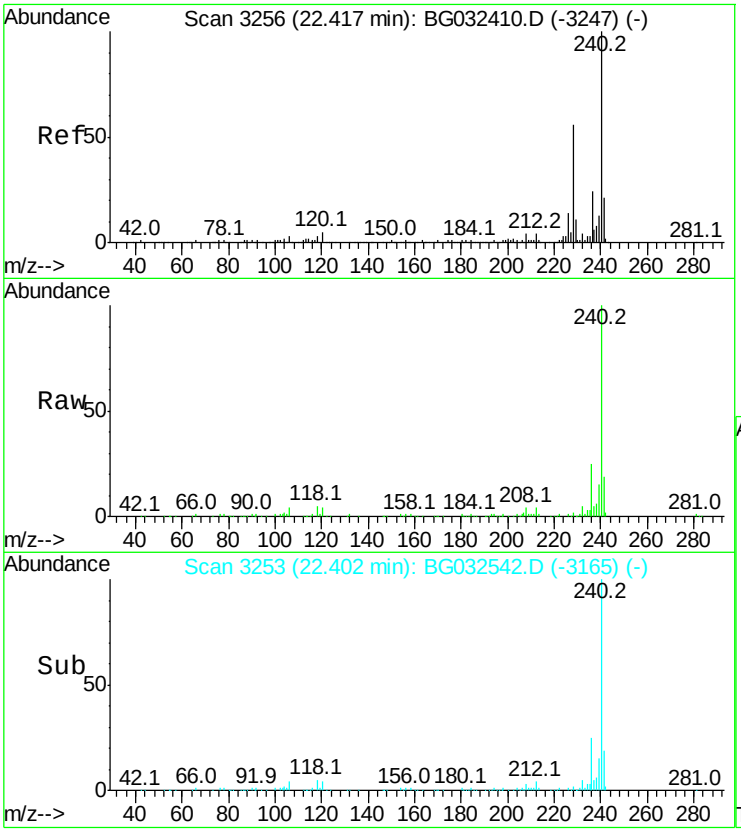


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion:188 Resp: 147421

Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	4.6	7.7	11.5#



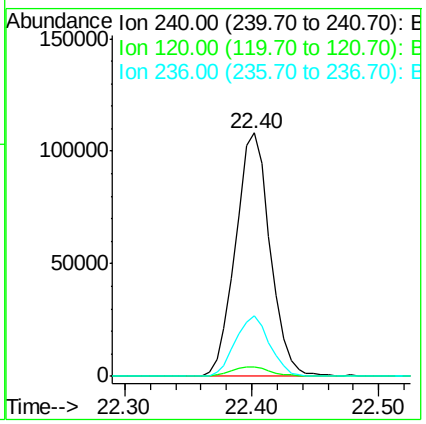


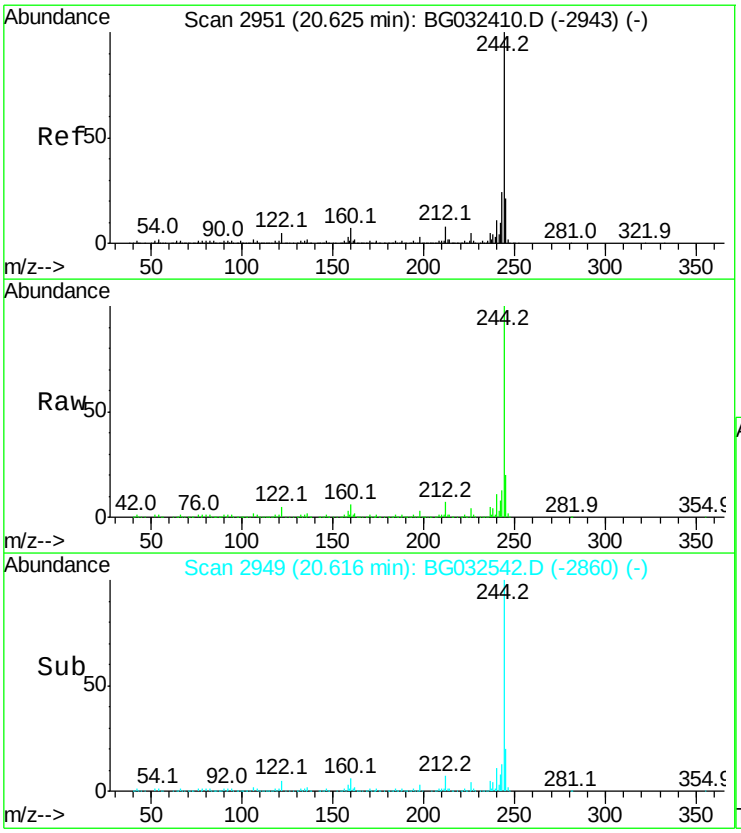
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 204833

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	25.0	20.9	31.3

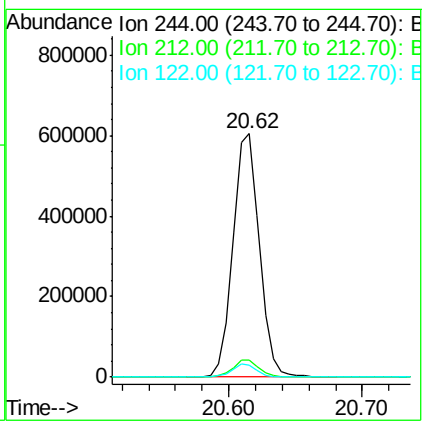


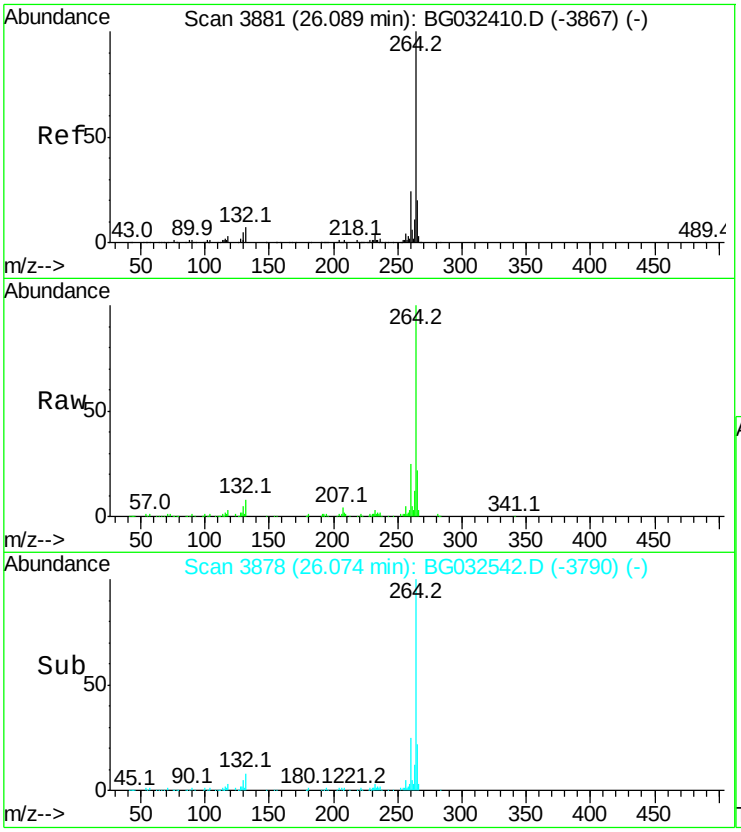


#78
Terphenyl-d14
Concen: 87.005 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Tgt Ion:244 Resp: 831974

Ion	Ratio	Lower	Upper
244	100		
212	6.9	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. -0.02 min
Lab File: BG032542.D
Acq: 5 Feb 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 232480

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	22.4	17.7	26.5