Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032498.D
Acq On : 1 Feb 2018 20:22
Operator : SJ/JU
Sample : J1405-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Quant Time: Feb 02 03:02:52 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	8.72	152	27171	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	102865	20.00	ng		-0.01
38) Acenaphthene-d10	15.35	164	73110	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	193475	20.00	ng		0.00
75) Chrysene-d12	22.41	240	249279	20.00	ng		-0.01
86) Perylene-d12	26.08	264	271029	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	189247	139.90	ng		0.00
7) Phenol-d6	7.84	99	217615	120.55	ng		0.00
23) Nitrobenzene-d5	9.91	82	144409	87.69	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	188798	135.66	ng		-0.01
44) 2-Fluorobiphenyl	13.98	172	489627	79.60	ng		-0.01
78) Terphenyl-d14	20.62	244	906089	77.86	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.87	94	11918	6.952	ng		83
49) Dimethylphthalate	14.77	163	47743	7.082	ng	#	95

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

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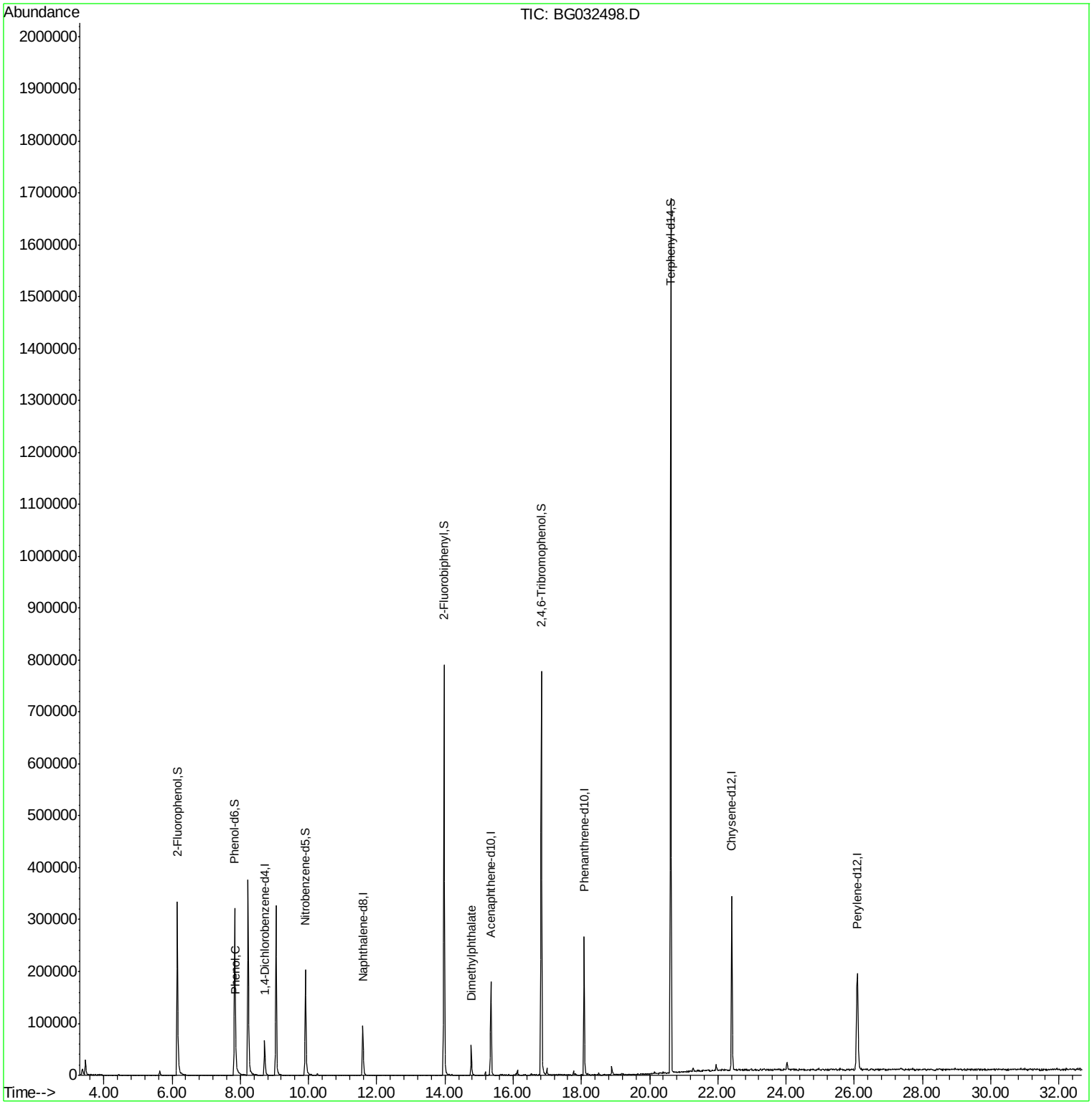
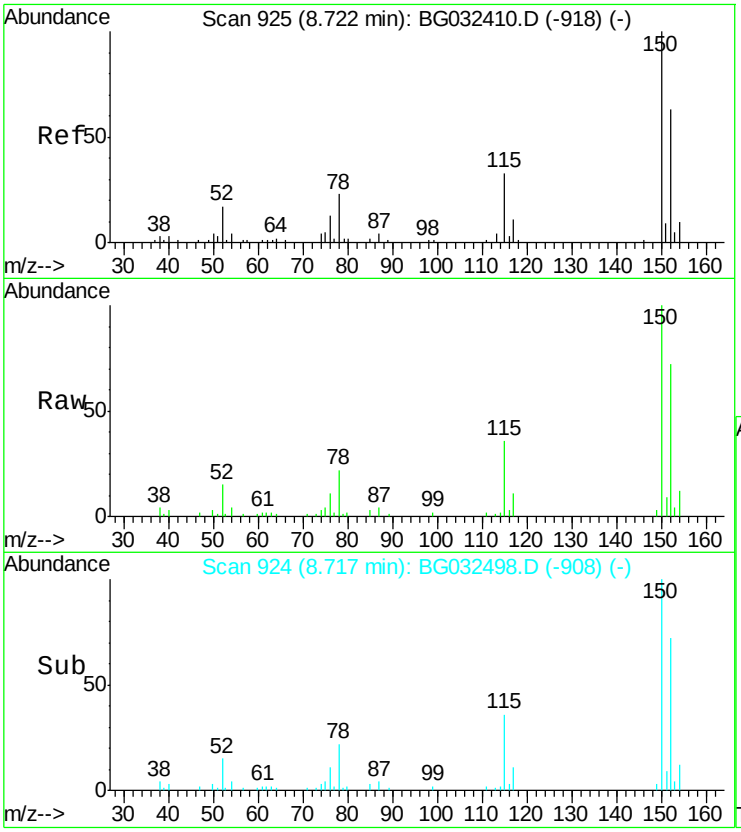


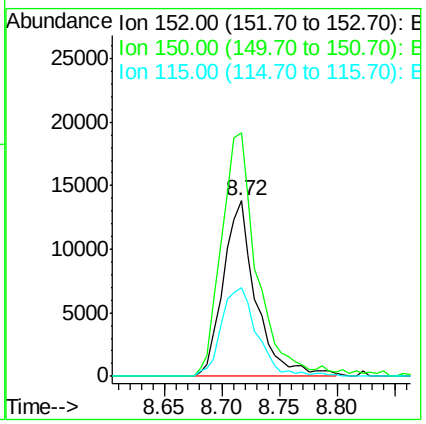


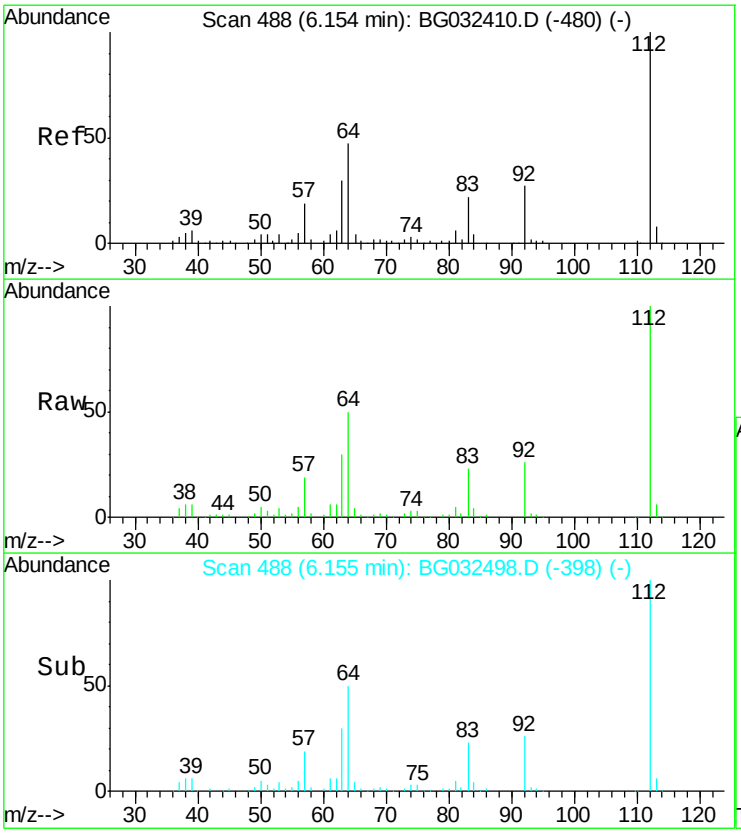
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Tgt Ion:152 Resp: 27171

Ion	Ratio	Lower	Upper
152	100		
150	138.8	126.6	189.8
115	50.4	53.0	79.4#

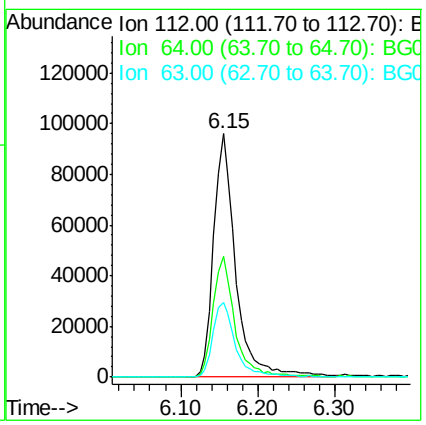


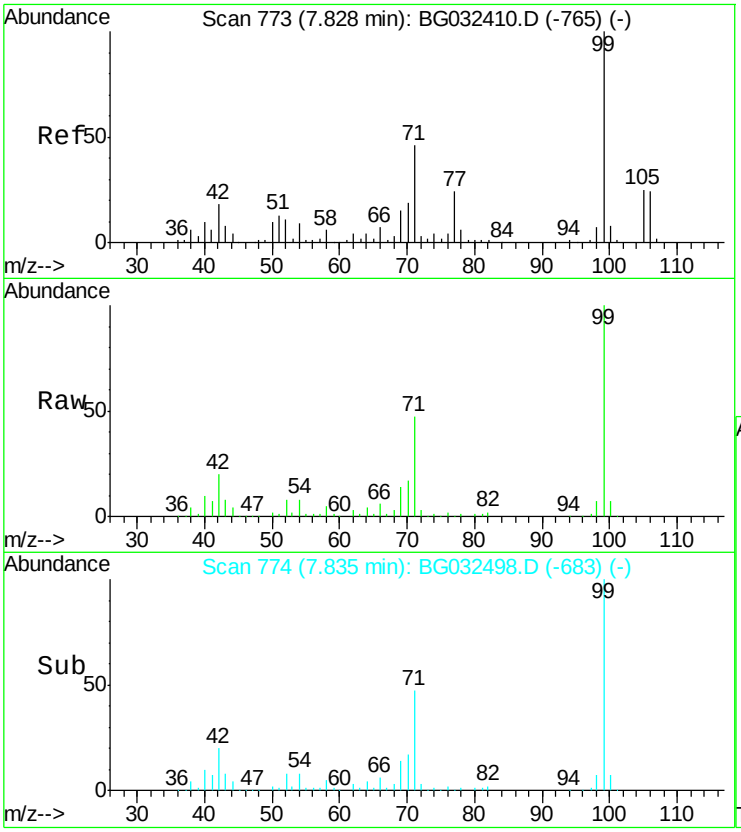


#5
2-Fluorophenol
Concen: 139.897 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:112 Resp: 189247

Ion	Ratio	Lower	Upper
112	100		
64	49.6	56.3	84.5#
63	30.5	30.1	45.1



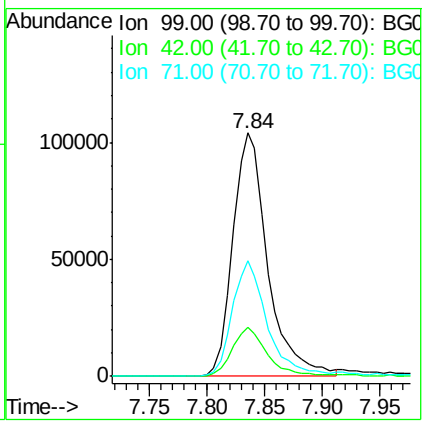


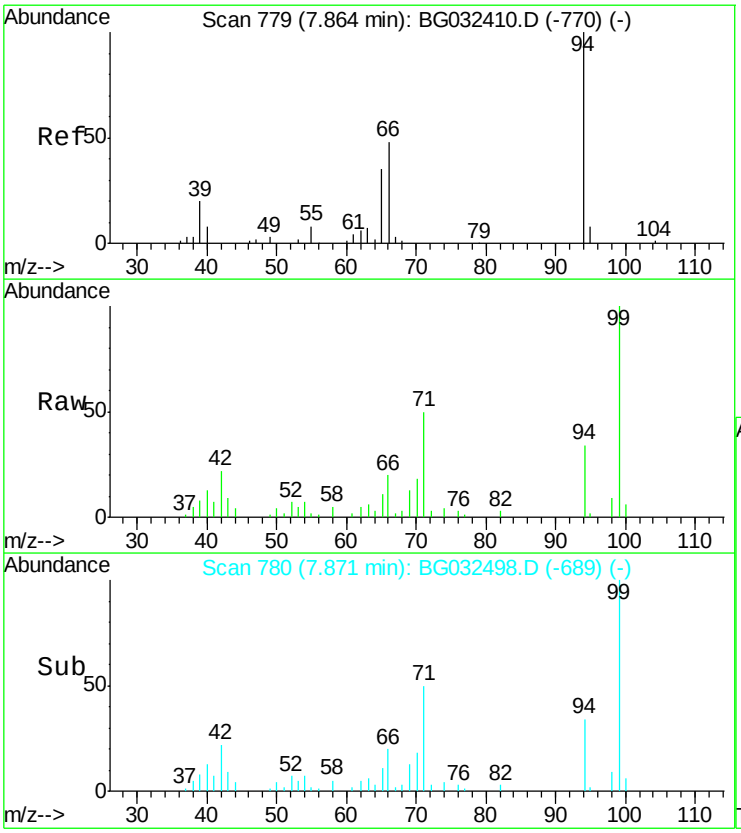
#7
Phenol-d6
Concen: 120.552 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Tgt Ion: 99 Resp: 217615

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.1	21.1
71	47.4	26.1	39.1#

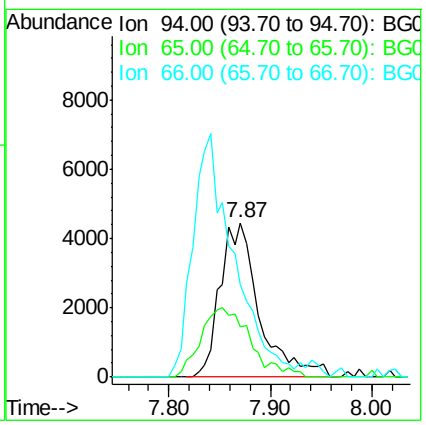


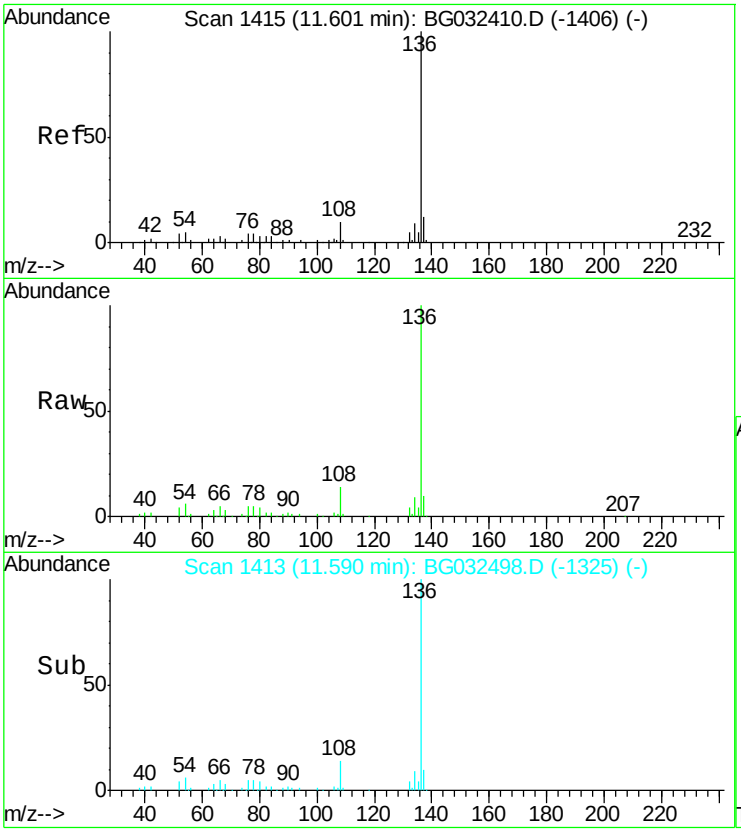


#10
Phenol
Concen: 6.952 ng
RT: 7.87 min Scan# 780
Delta R.T. 0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion: 94 Resp: 11918

Ion	Ratio	Lower	Upper
94	100		
65	32.6	11.9	51.9
66	60.1	22.2	62.2



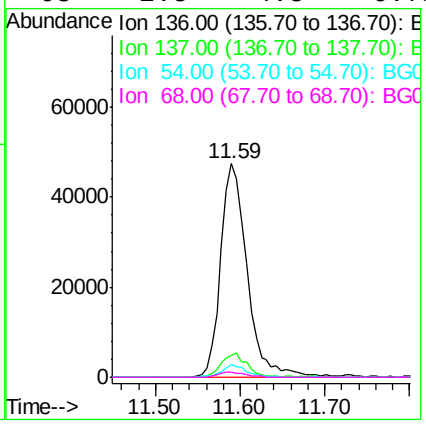


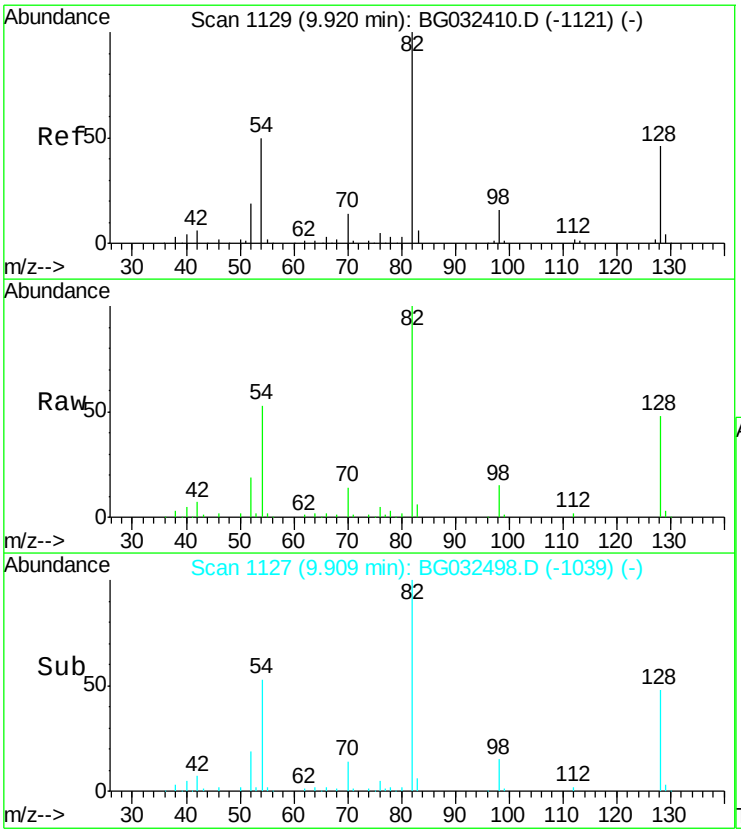
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Tgt Ion:136 Resp: 102865

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.1	10.3	15.5#
68	2.5	4.5	6.7#

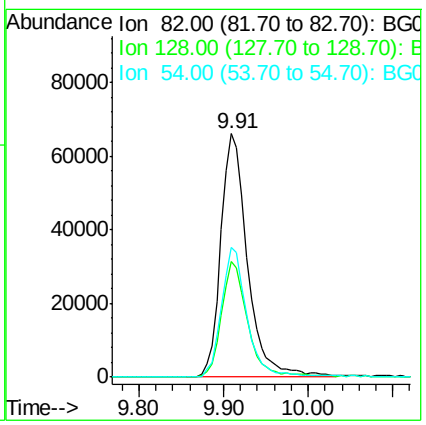


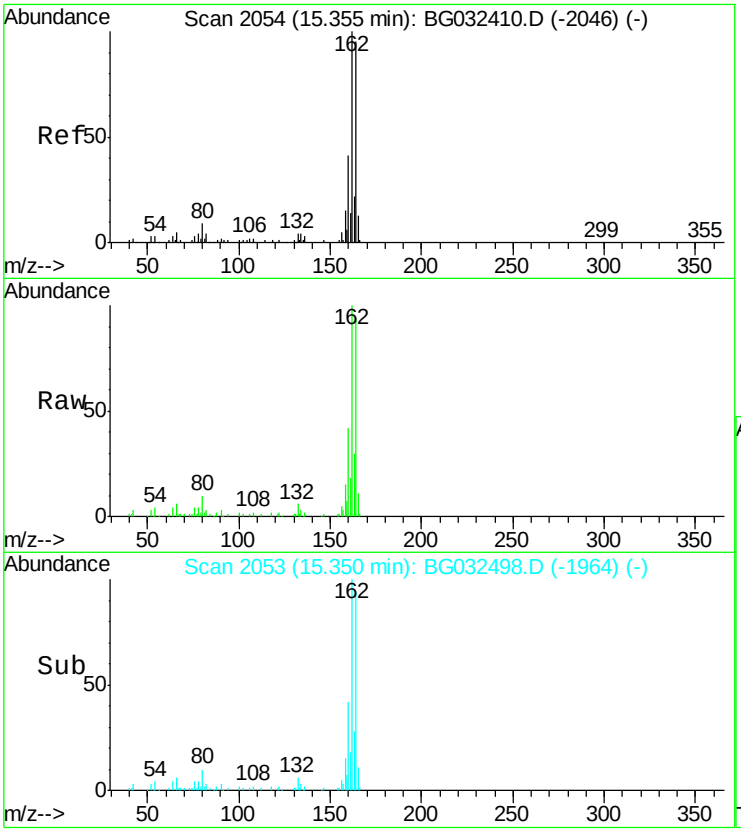


#23
Nitrobenzene-d5
Concen: 87.686 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion: 82 Resp: 144409

Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	53.4	43.1	64.7



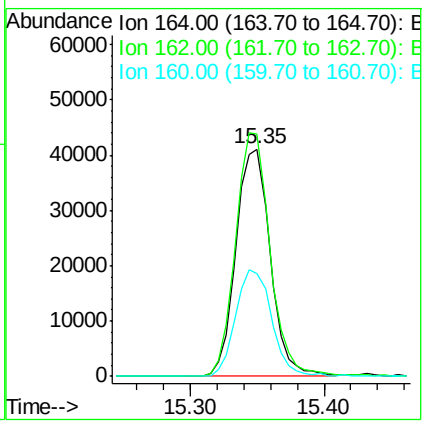


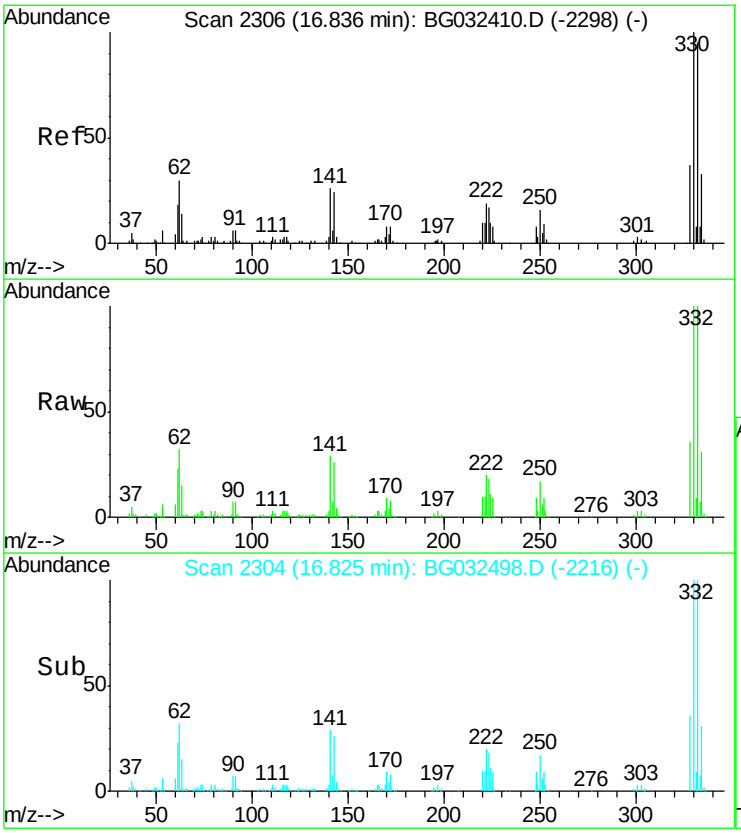
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Tgt Ion:164 Resp: 73110

Ion	Ratio	Lower	Upper
164	100		
162	106.8	78.8	118.2
160	45.1	35.4	53.0

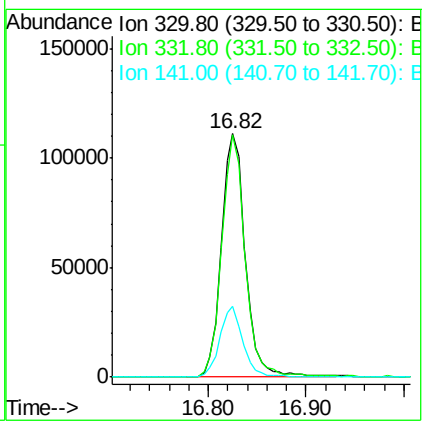


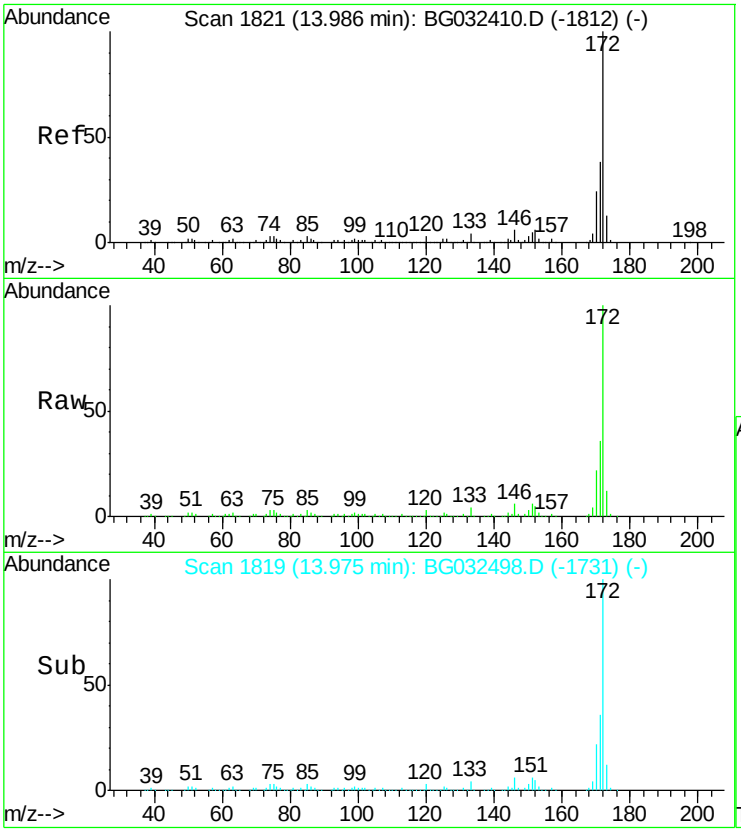


#41
2,4,6-Tribromophenol
Concen: 135.665 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:330 Resp: 188798

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	28.3	25.2	37.8



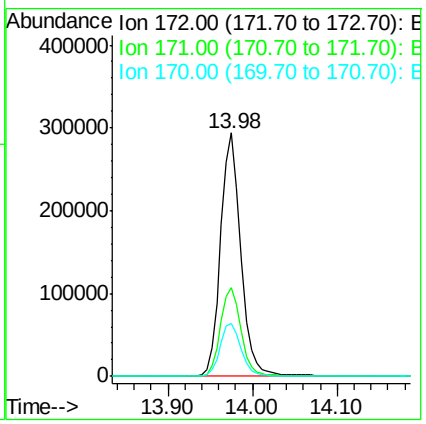


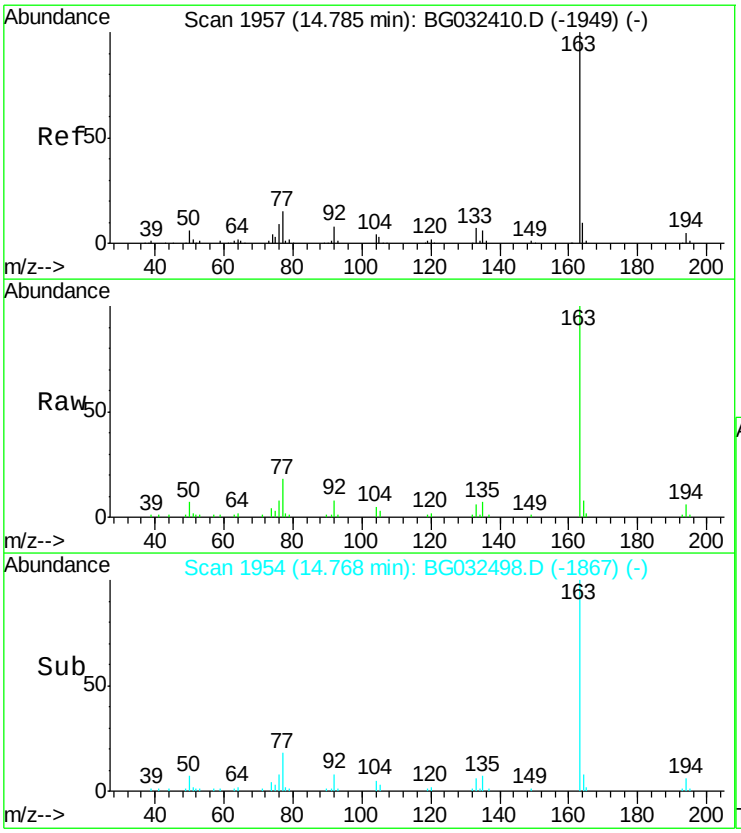
#44
2-Fluorobiphenyl
Concen: 79.600 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Tgt Ion:172 Resp: 489627

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	21.9	19.5	29.3

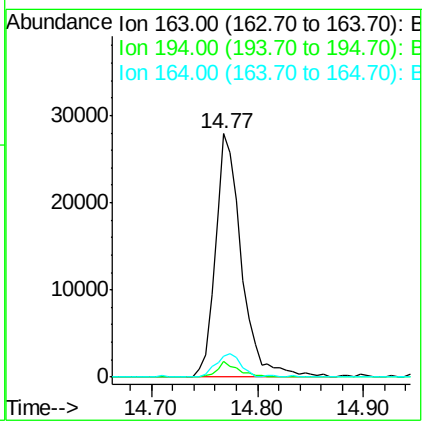


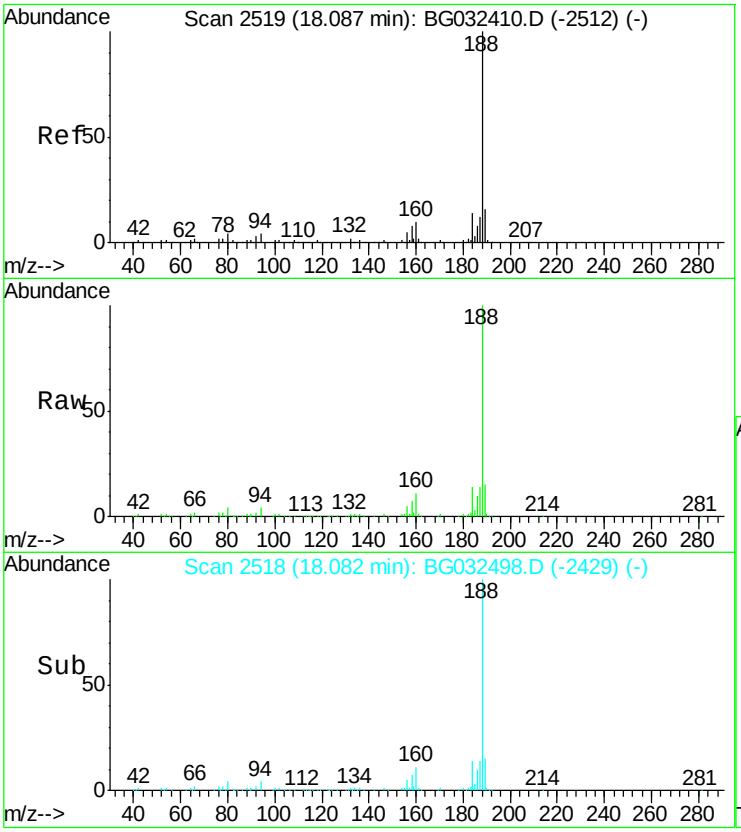


#49
Dimethylphthalate
Concen: 7.082 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:163 Resp: 47743

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.4	5.2#
164	8.4	8.2	12.4



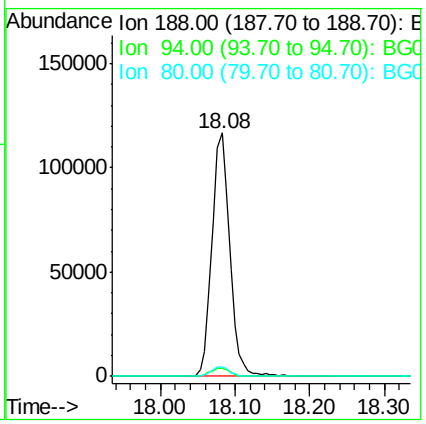


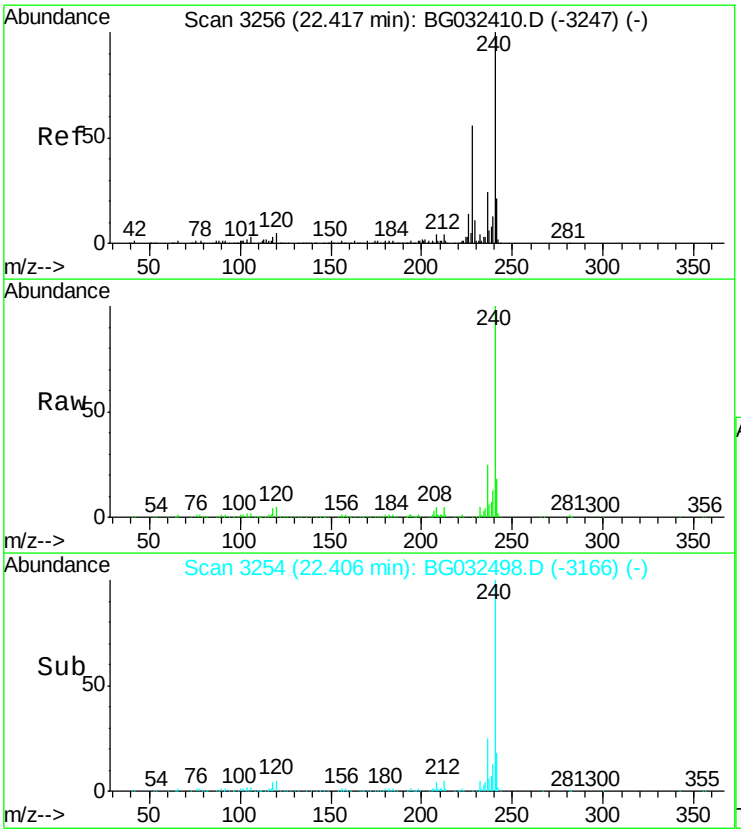
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Tgt Ion:188 Resp: 193475

Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	3.8	7.7	11.5#

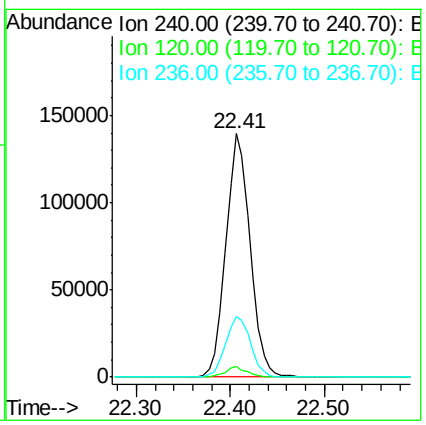


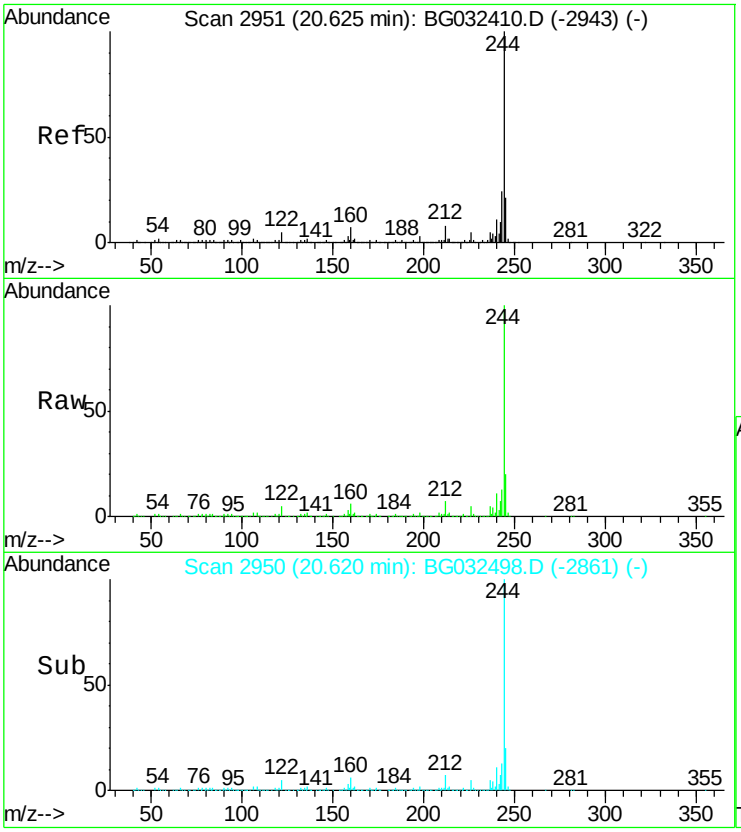


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:240 Resp: 249279

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	24.7	20.9	31.3



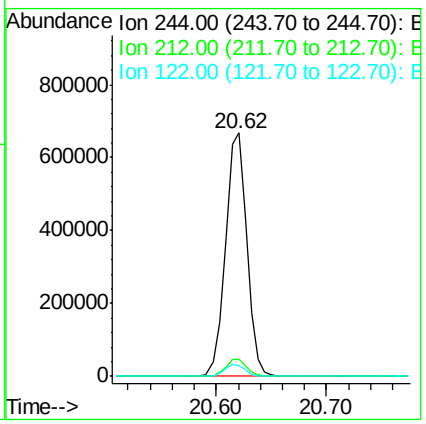


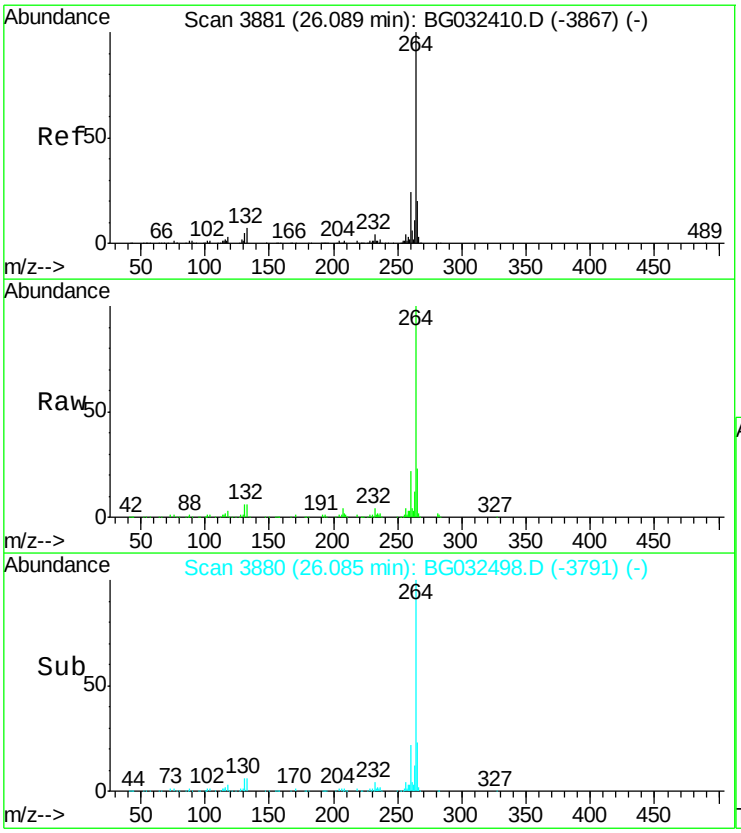
#78
Terphenyl-d14
Concen: 77.861 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Instrument :
BNA_G
ClientSampleId :
TP-06(12-ST-MAIN-N-OF-MH#2-@6.

Tgt Ion:244 Resp: 906089

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	4.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032498.D
Acq: 1 Feb 2018 20:22

Tgt Ion:264 Resp: 271029

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.7	17.7	26.5