Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032262.D
Acq On : 24 Jan 2018 15:55
Operator : SJ/JU
Sample : J1241-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-4A(90-92)

Quant Time: Jan 24 17:14:23 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	38309	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	147369	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	100779	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	286335	20.00	ng		0.00
75) Chrysene-d12	22.42	240	389658	20.00	ng		0.00
86) Perylene-d12	26.10	264	406943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	250851	119.76	ng		0.00
7) Phenol-d6	7.84	99	303096	114.89	ng		0.00
23) Nitrobenzene-d5	9.92	82	186351	85.55	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	225959	135.49	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	599840	73.80	ng		0.00
78) Terphenyl-d14	20.63	244	1247554	70.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	4507	5.601	ng	#	1
10) Phenol	7.86	94	9152	3.522	ng	#	73
19) n-Nitroso-di-n-propylamine	9.92	70	26509	16.196	ng	#	80
49) Dimethylphthalate	14.78	163	109421	12.407	ng		97
56) 2,4-Dinitrotoluene	15.36	165	13483	5.471	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.83	198	603	5.180	ng	#	16
66) 4-Bromophenyl-phenylether	16.84	248	18517	4.545	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032262.D
Acq On : 24 Jan 2018 15:55
Operator : SJ/JU
Sample : J1241-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Quant Time: Jan 24 17:14:23 2018
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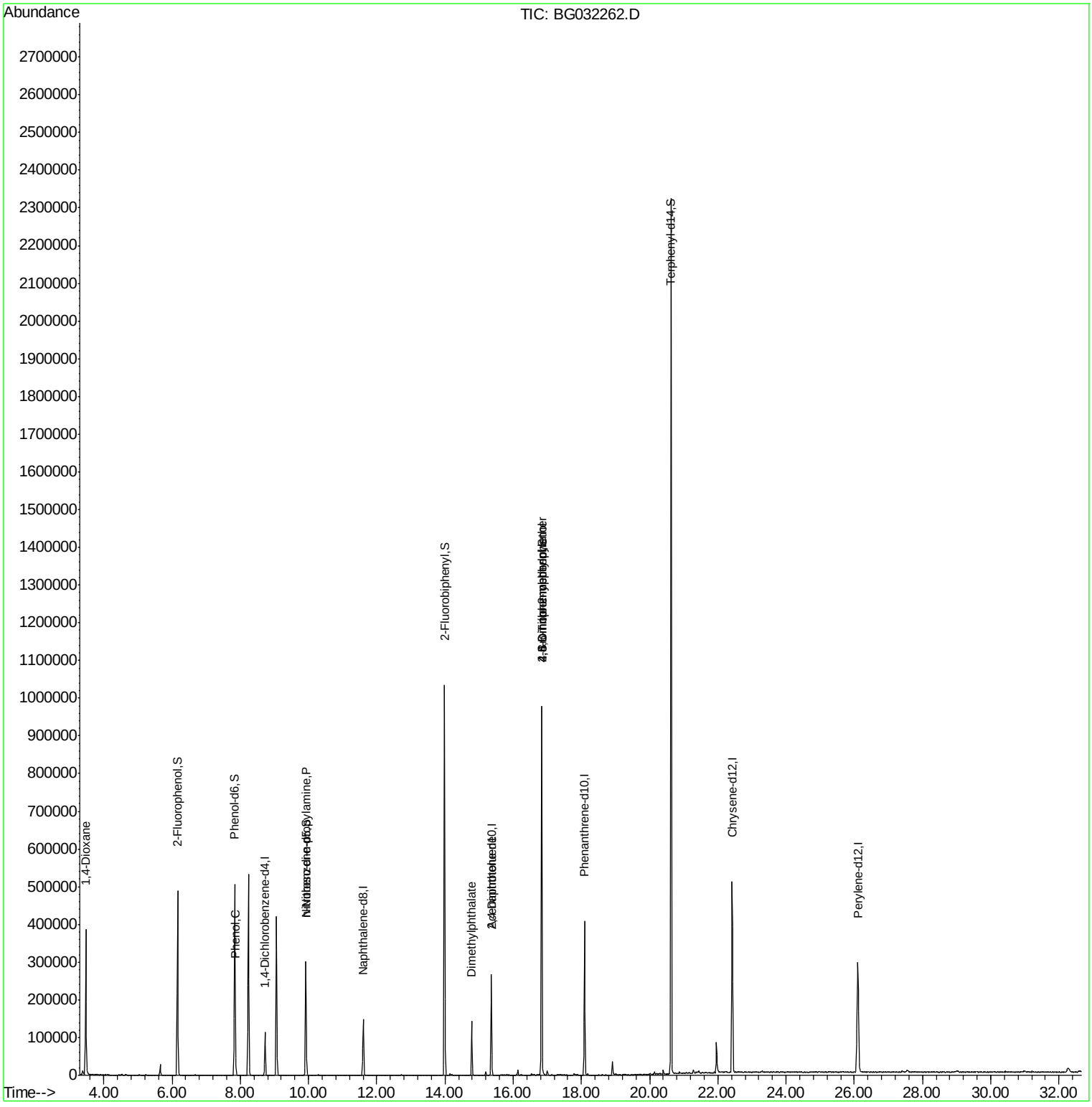
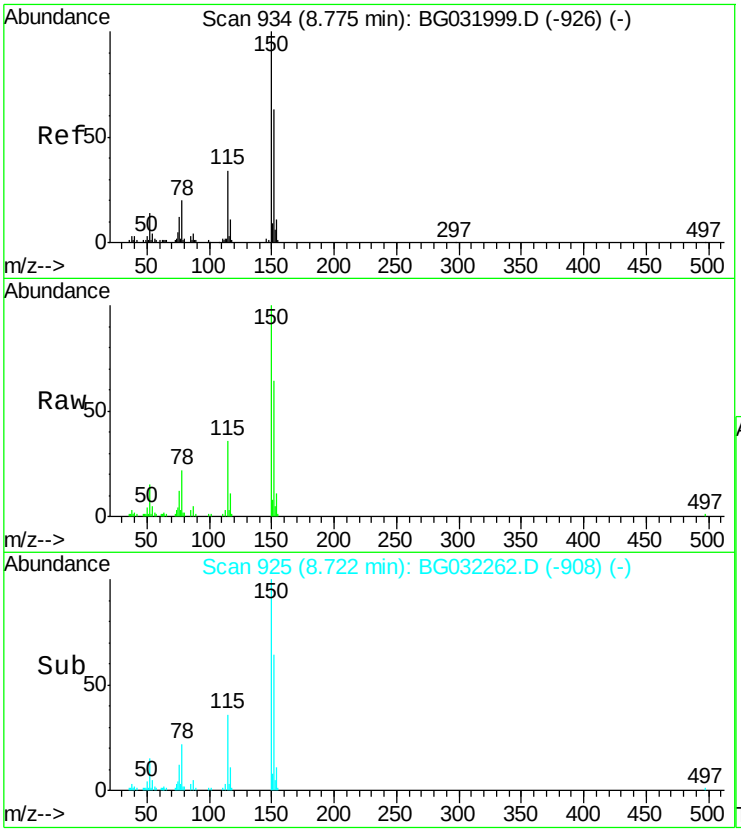
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration



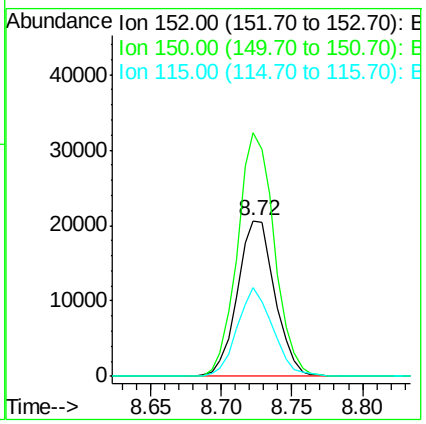


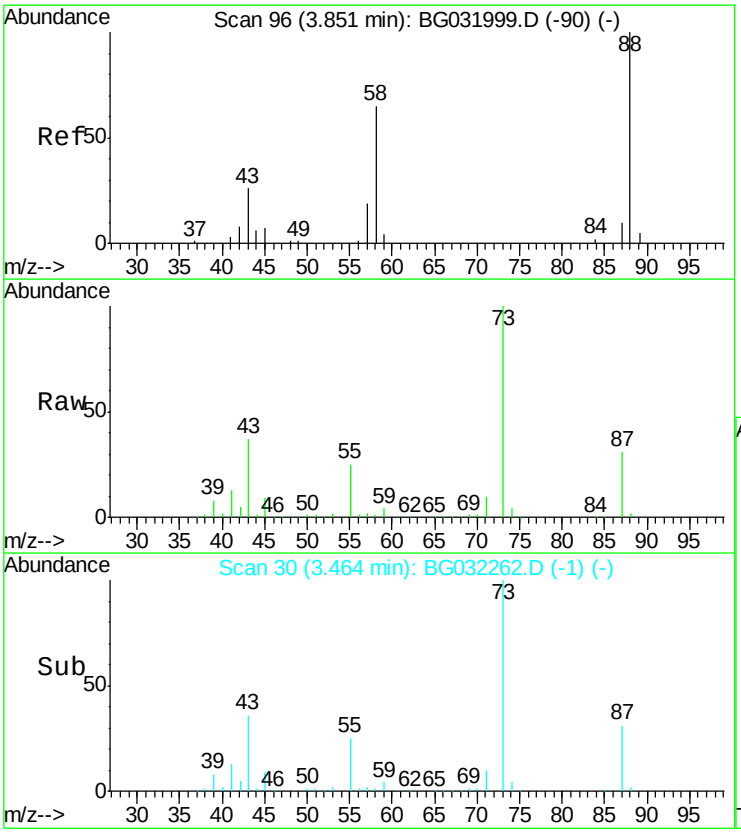
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:152 Resp: 38309

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	57.1	53.0	79.4

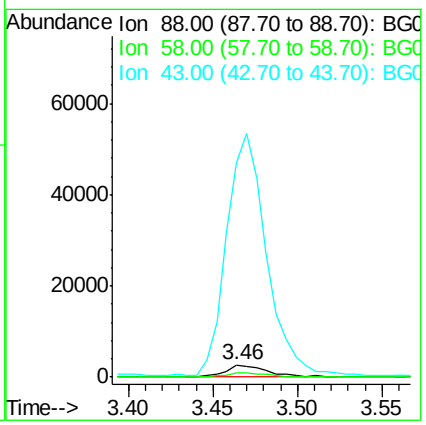


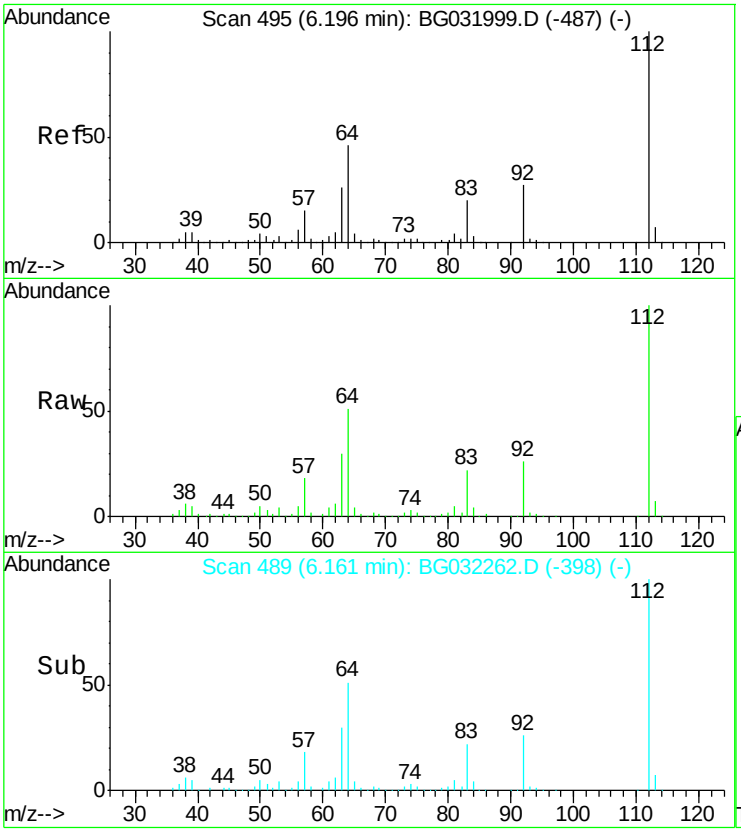


#2
1,4-Dioxane
Concen: 5.601 ng
RT: 3.46 min Scan# 30
Delta R.T. -0.36 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion: 88 Resp: 4507

Ion	Ratio	Lower	Upper
88	100		
58	34.1	79.6	119.4#
43	1959.2	27.4	41.0#



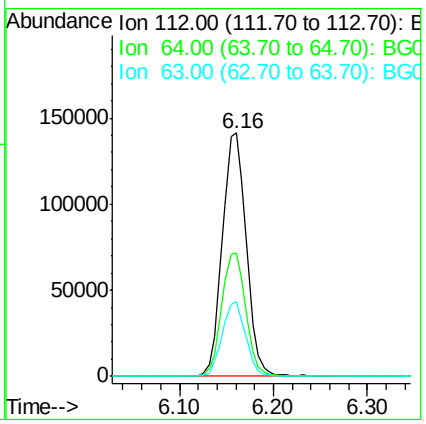


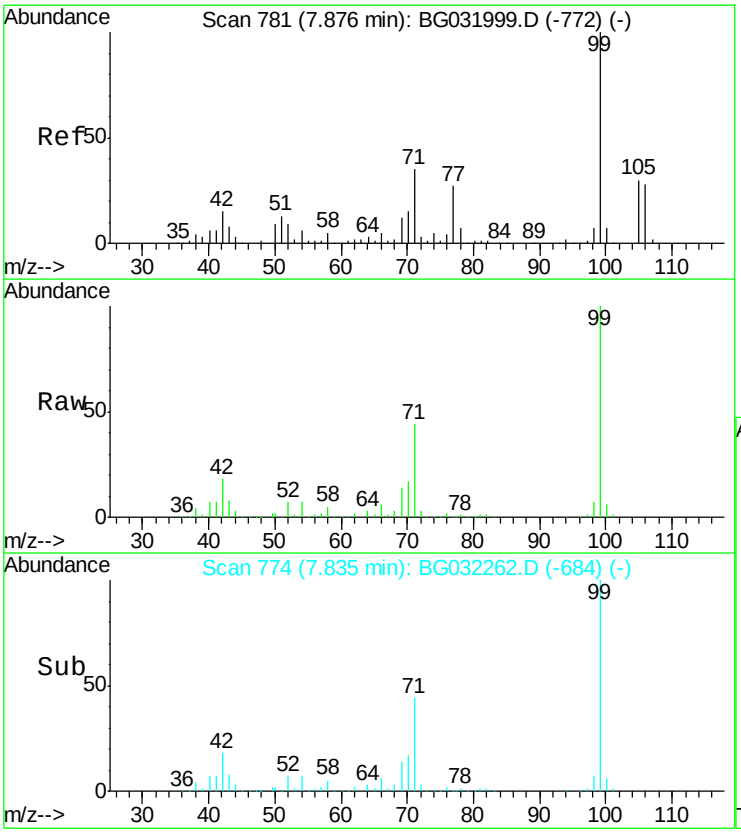
#5
2-Fluorophenol
Concen: 119.760 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:112 Resp: 250851

Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	30.4	30.1	45.1

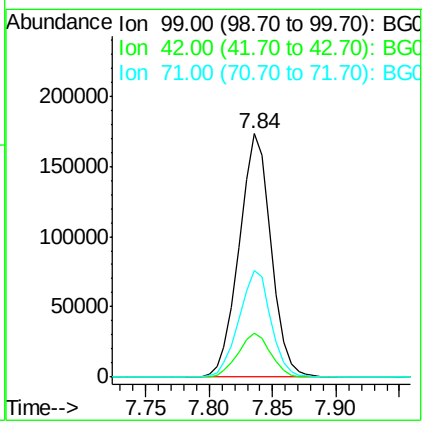


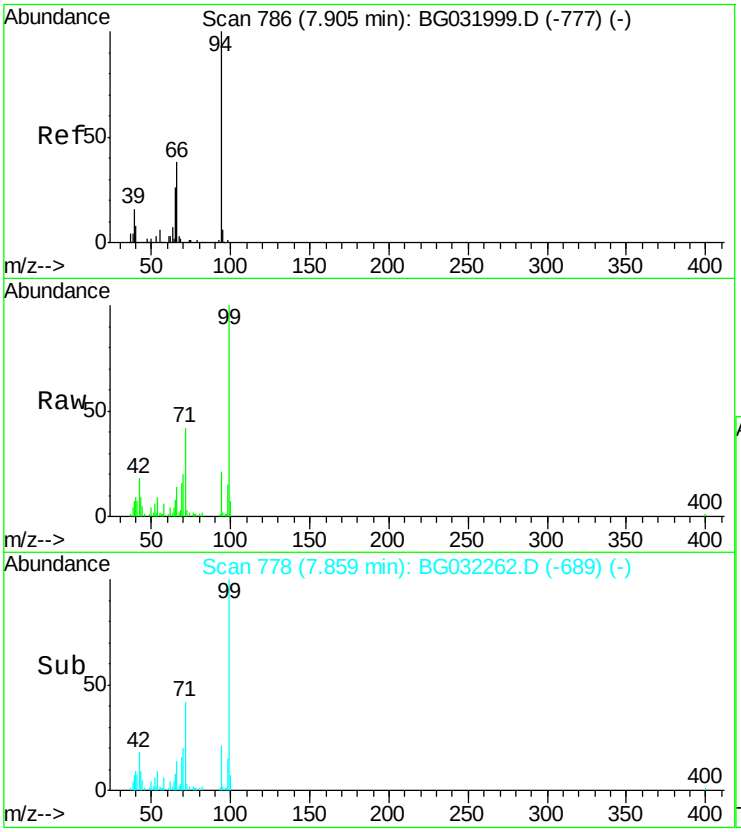


#7
Phenol-d6
Concen: 114.895 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion: 99 Resp: 303096

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	43.7	26.1	39.1#



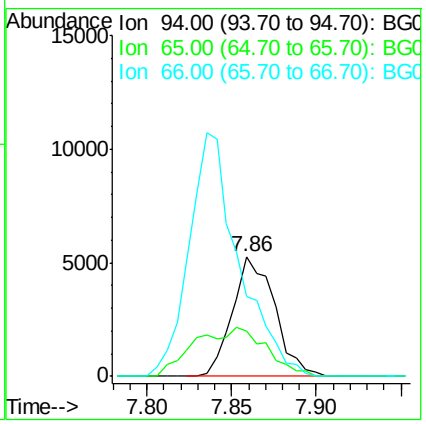


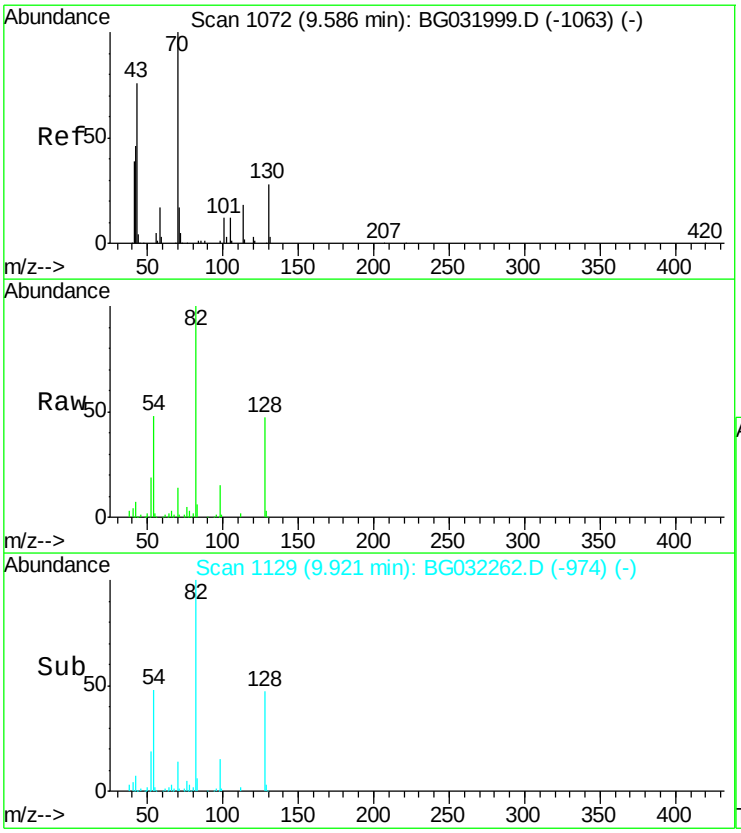
#10
Phenol
Concen: 3.522 ng
RT: 7.86 min Scan# 778
Delta R.T. -0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion: 94 Resp: 9152

Ion	Ratio	Lower	Upper
94	100		
65	38.2	11.9	51.9
66	66.8	22.2	62.2#

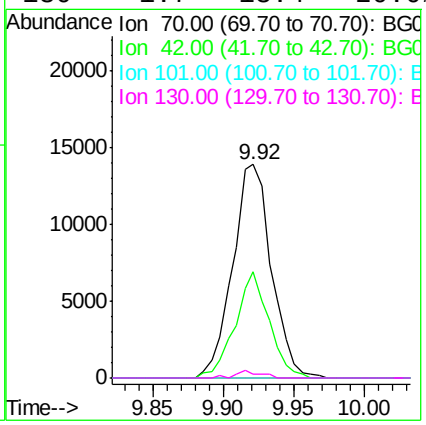


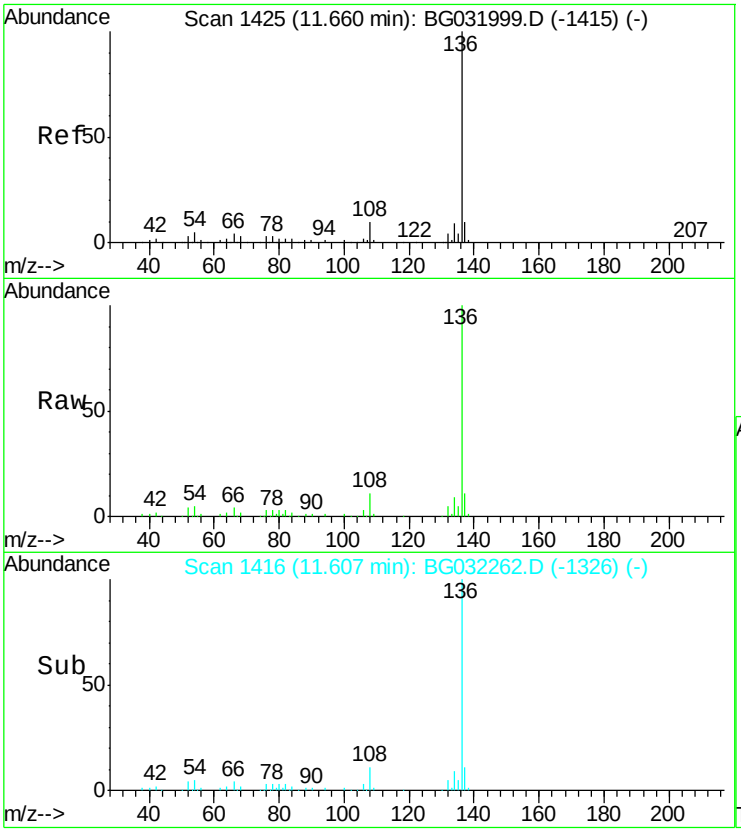


#19
n-Nitroso-di-n-propylamine
Concen: 16.196 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion: 70 Resp: 26509

Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.1	73.7
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



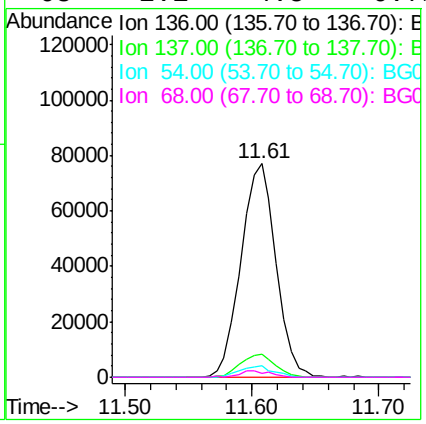


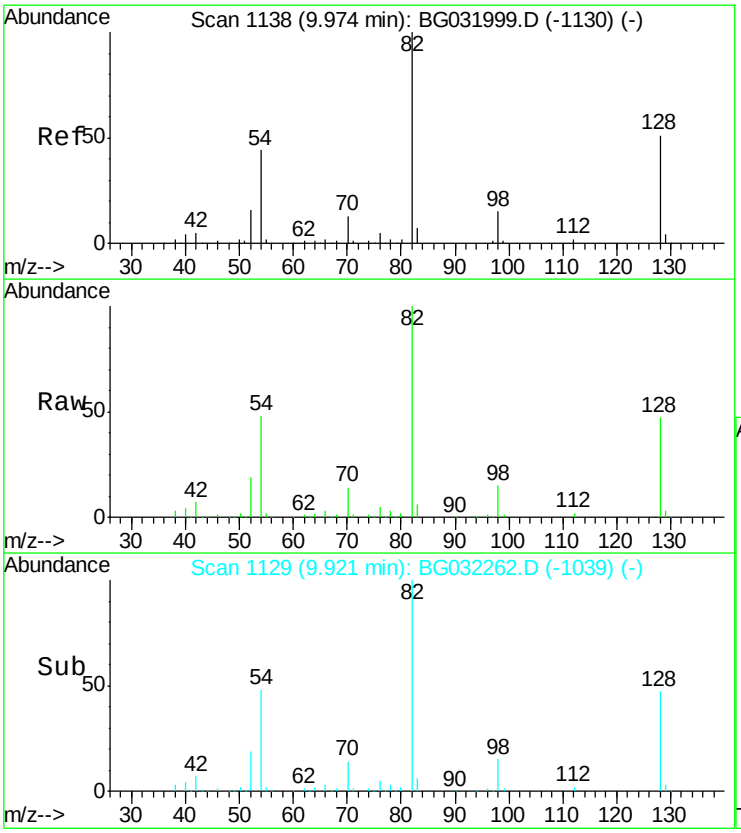
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:136 Resp: 147369

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.3	10.3	15.5#
68	2.1	4.5	6.7#

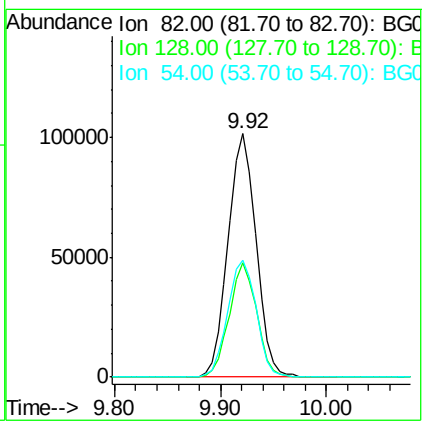


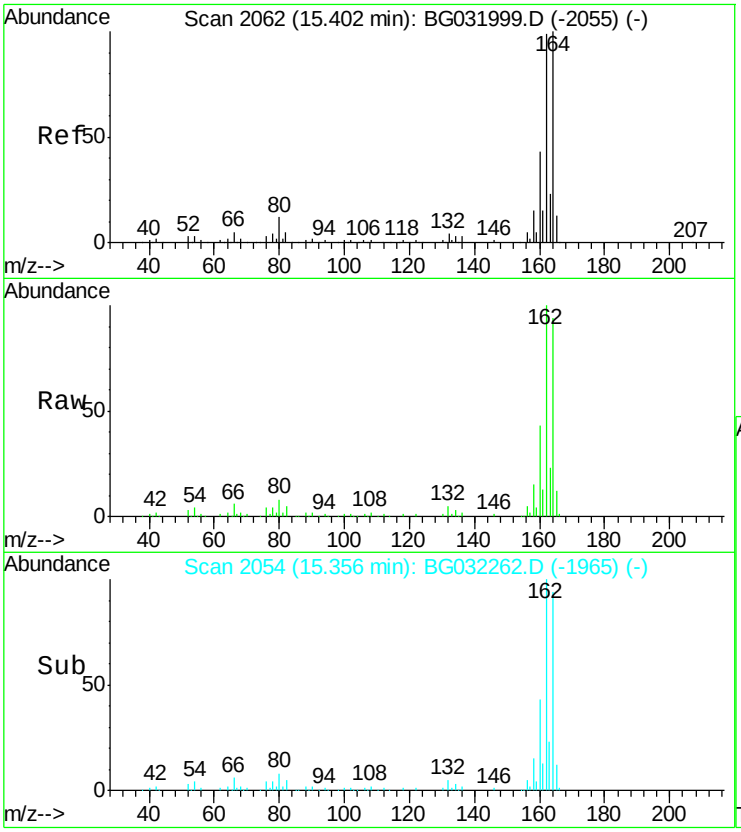


#23
Nitrobenzene-d5
Concen: 85.550 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion: 82 Resp: 186351

Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	48.0	43.1	64.7



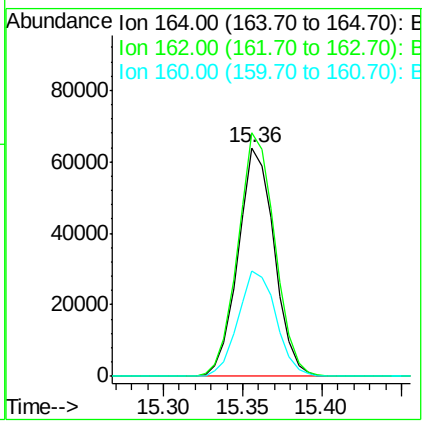


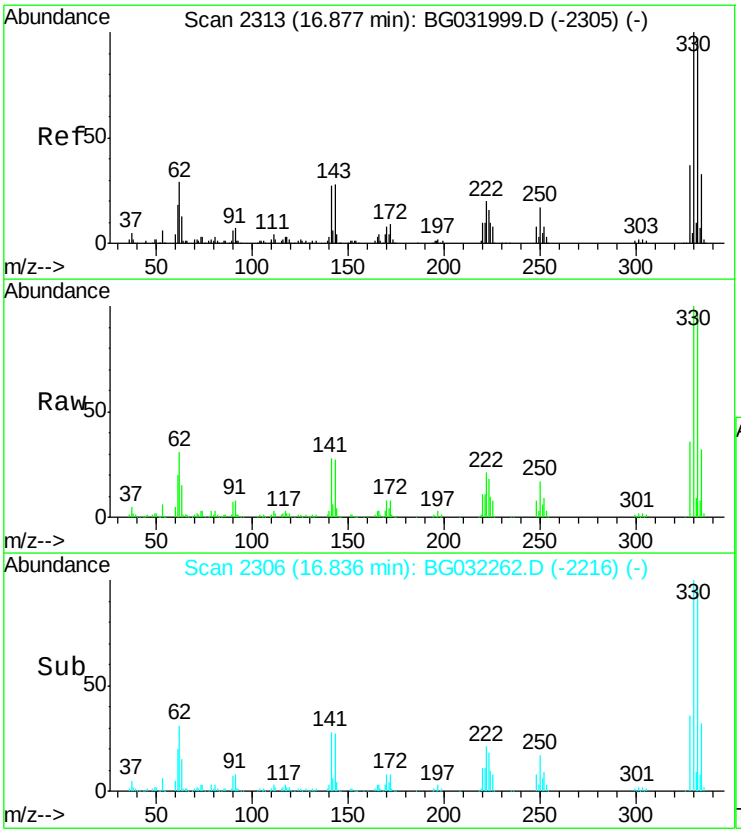
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:164 Resp: 100779

Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.8	118.2
160	46.1	35.4	53.0

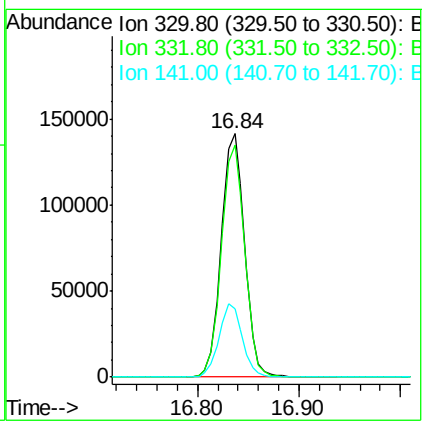


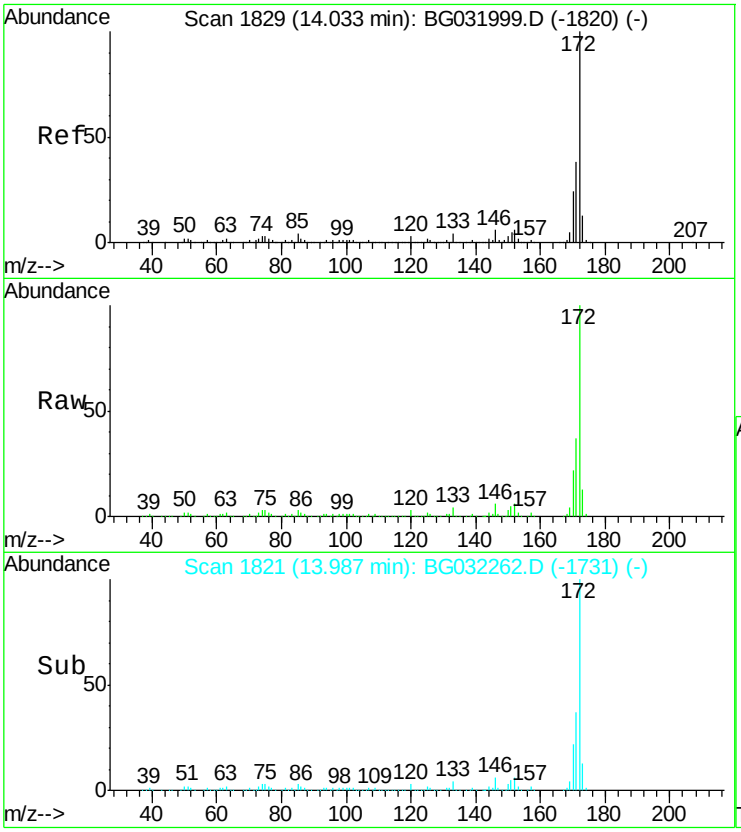


#41
2,4,6-Tribromophenol
Concen: 135.495 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion:330 Resp: 225959

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	30.0	25.2	37.8



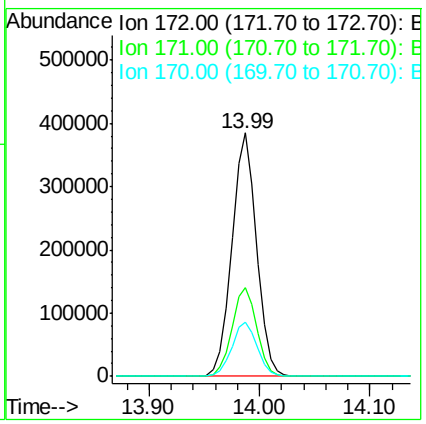


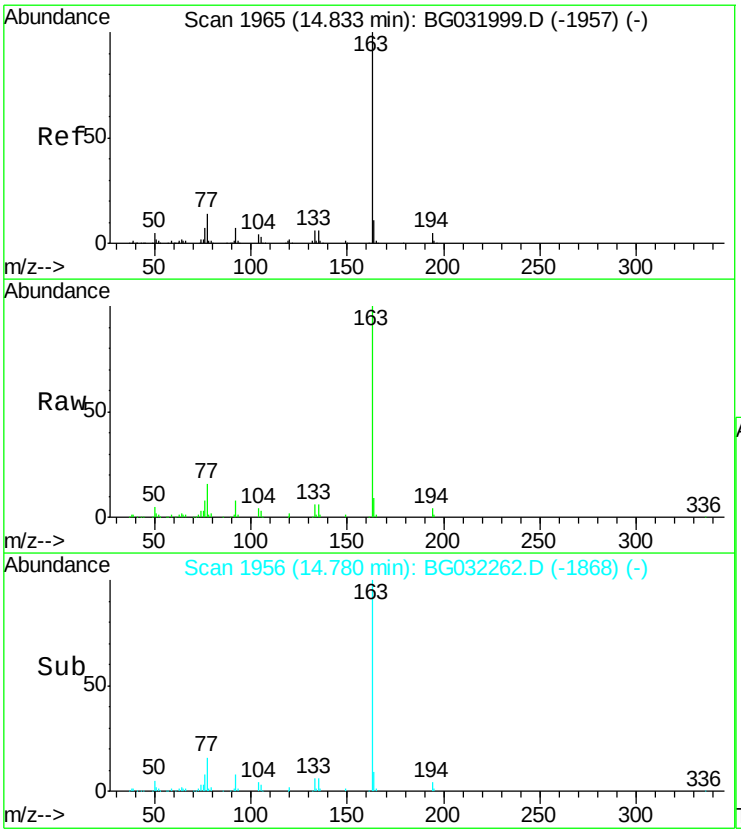
#44
2-Fluorobiphenyl
Concen: 73.802 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:172 Resp: 599840

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	22.3	19.5	29.3

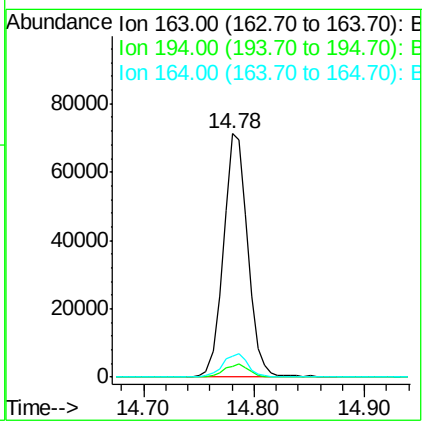


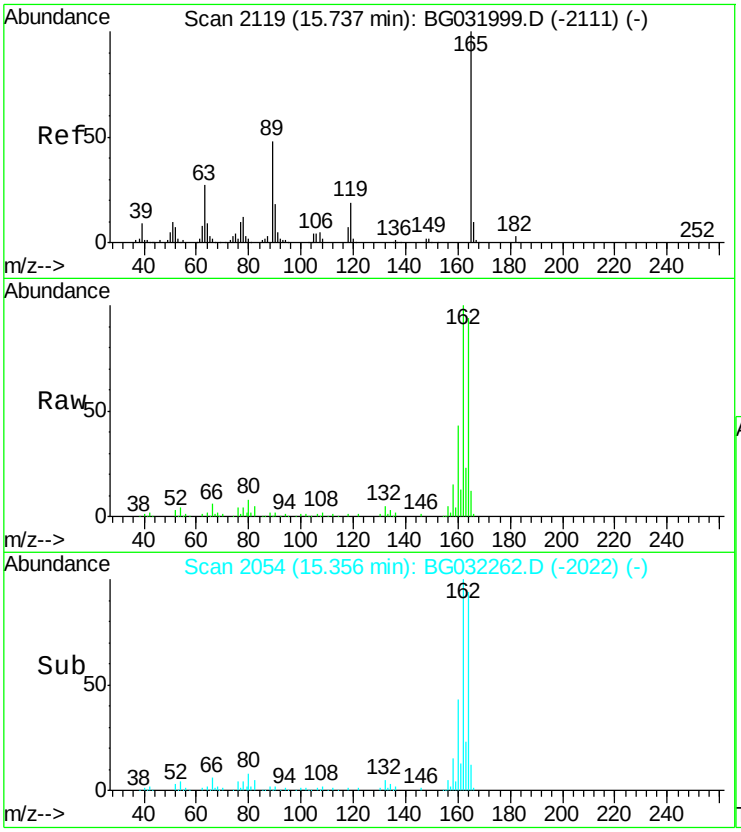


#49
Dimethylphthalate
Concen: 12.407 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion:163 Resp: 109421

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	8.7	8.2	12.4



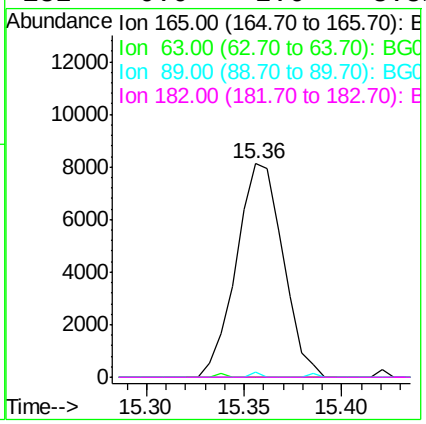


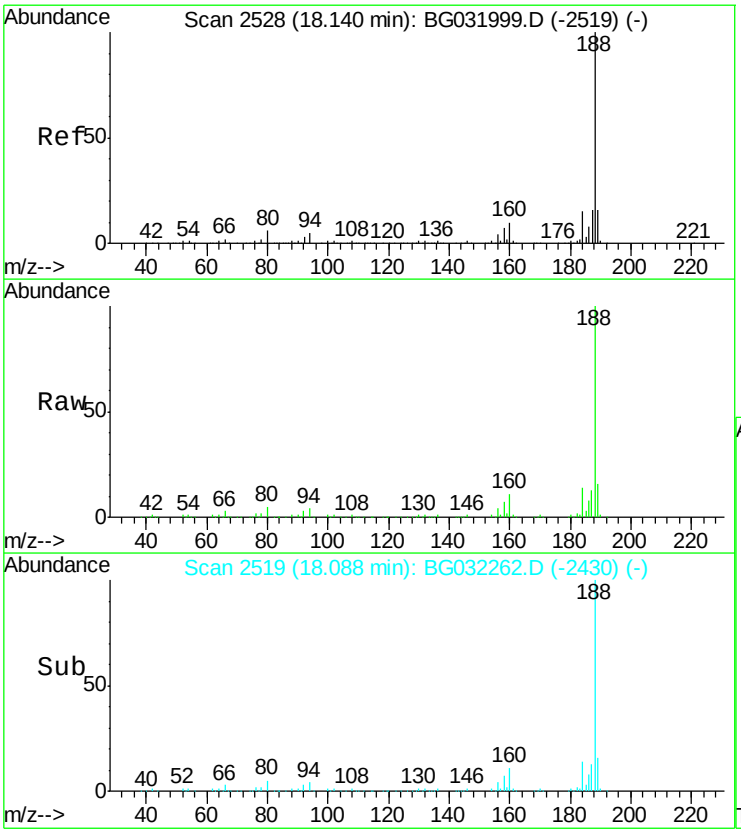
#56
2,4-Dinitrotoluene
Concen: 5.471 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:165 Resp: 13483

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

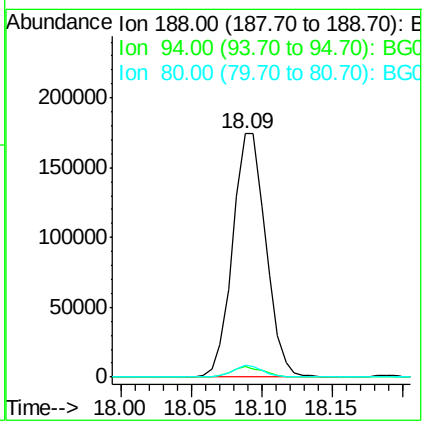


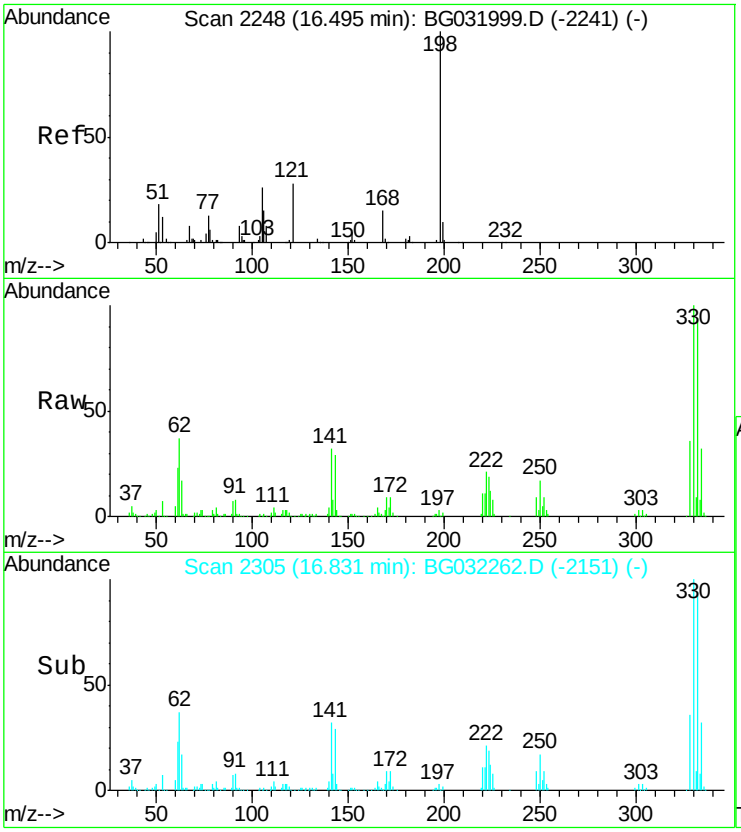


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion:188 Resp: 286335

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.9	7.7	11.5#



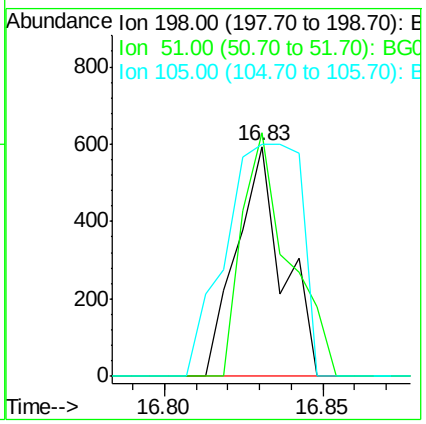


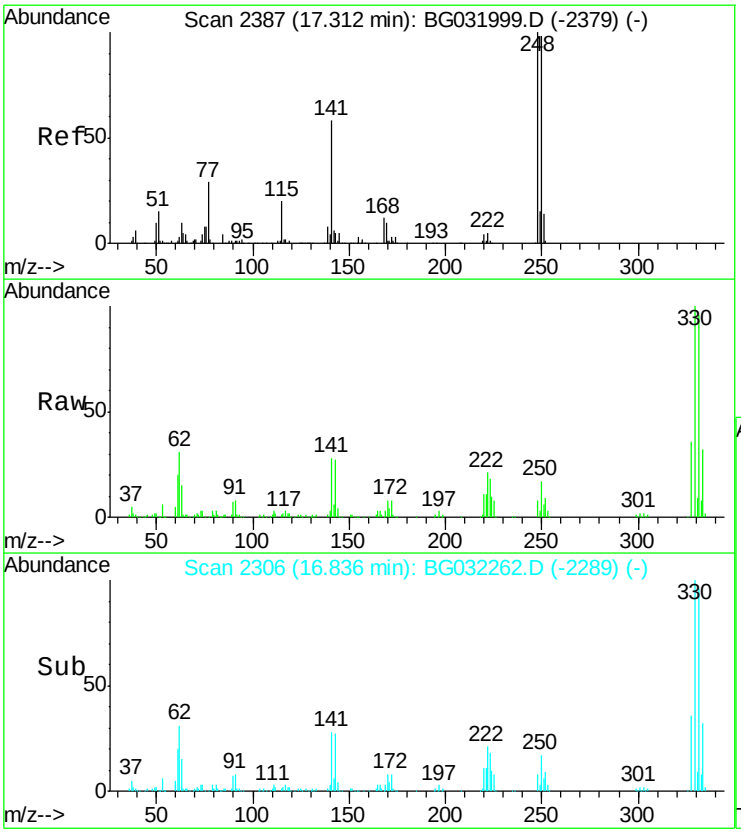
#64
4,6-Dinitro-2-methylphenol
Concen: 5.180 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.38 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:198 Resp: 603

Ion	Ratio	Lower	Upper
198	100		
51	105.9	30.6	70.6#
105	101.2	23.8	63.8#

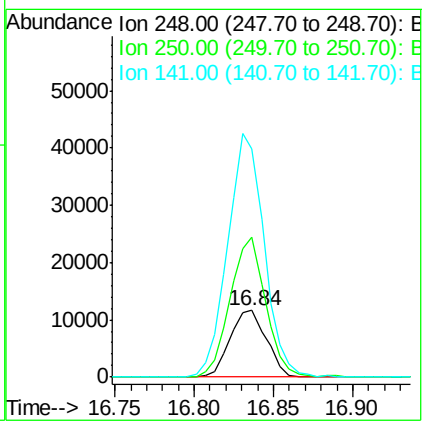


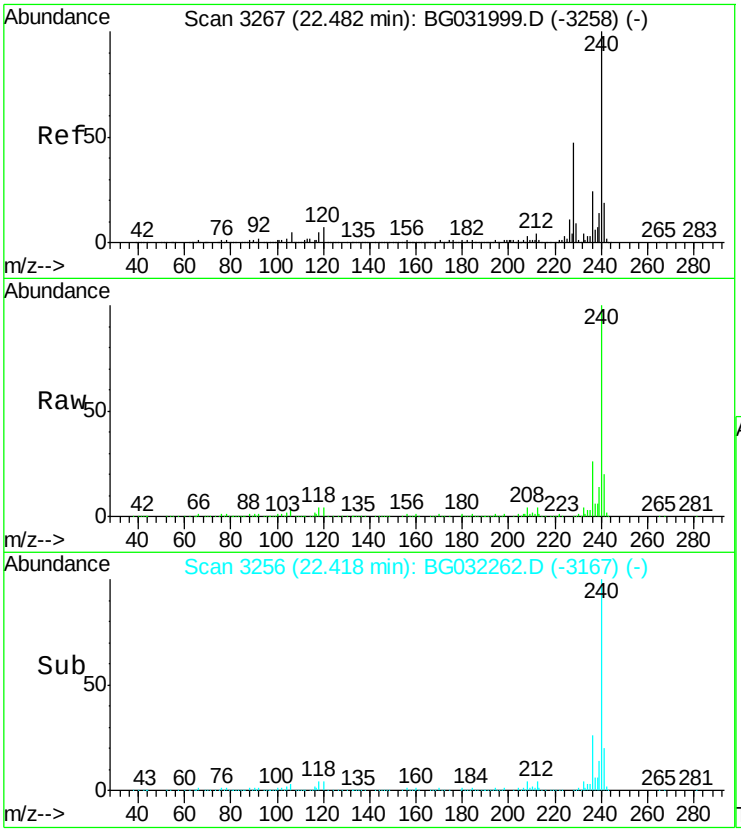


#66
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.43 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion:248 Resp: 18517

Ion	Ratio	Lower	Upper
248	100		
250	209.0	77.1	115.7#
141	342.6	50.8	76.2#



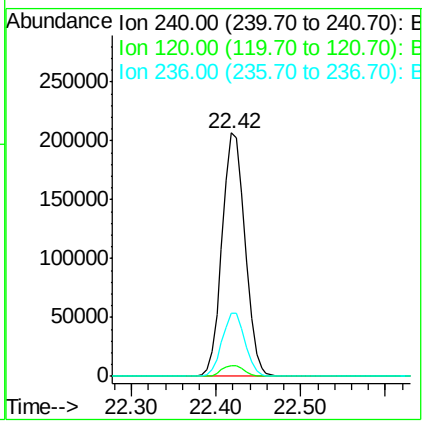


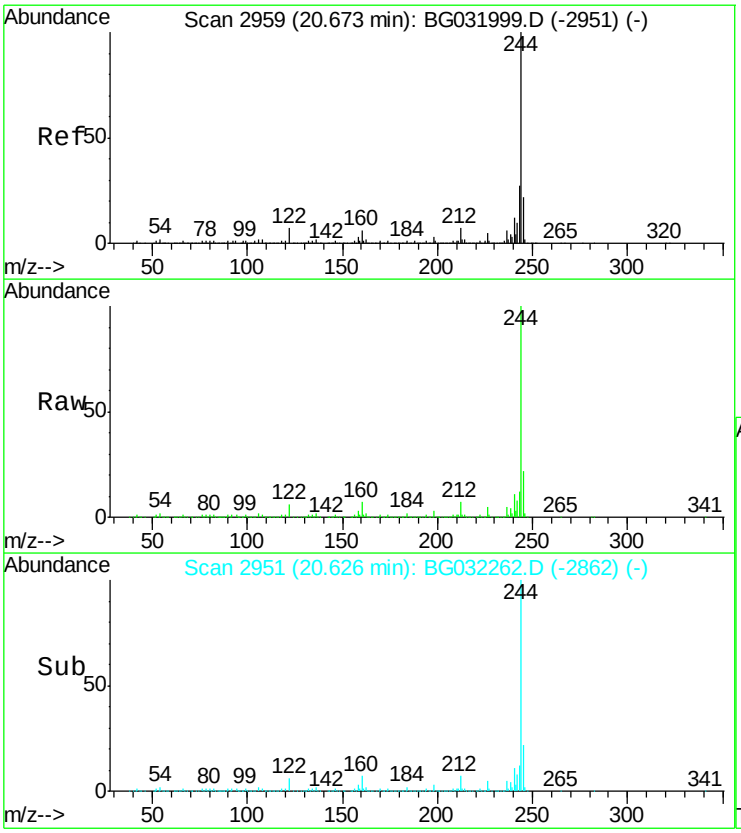
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:240 Resp: 389658

Ion	Ratio	Lower	Upper
240	100		
120	4.3	6.8	10.2#
236	26.0	20.9	31.3

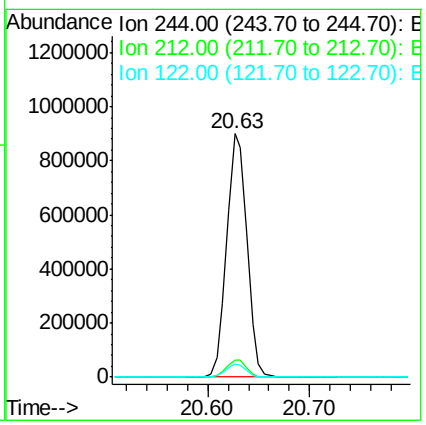


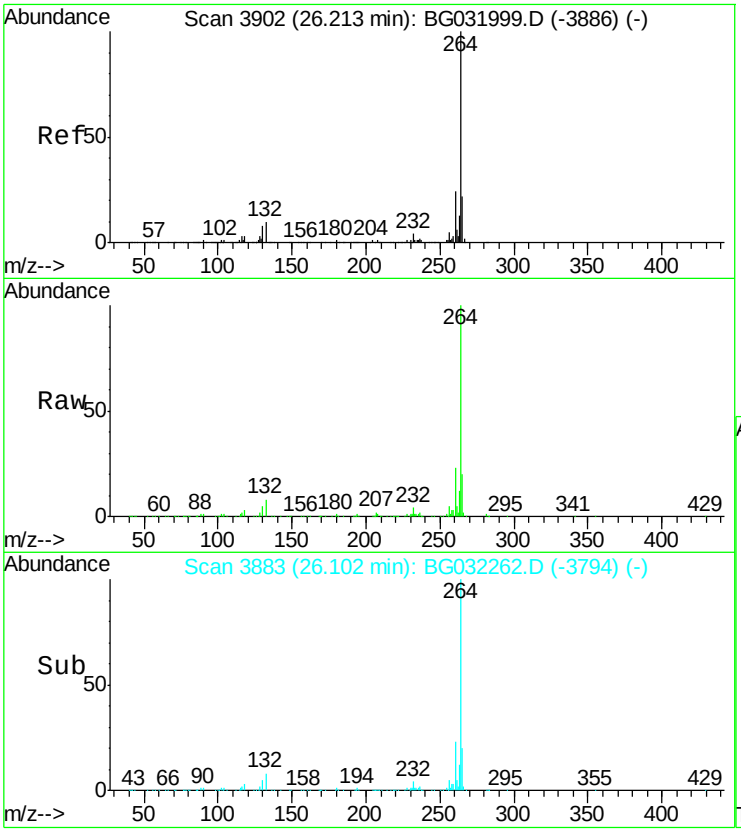


#78
Terphenyl-d14
Concen: 70.694 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Tgt Ion:244 Resp: 1247554

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	5.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BG032262.D
Acq: 24 Jan 2018 15:55

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(90-92)

Tgt Ion:264 Resp: 406943

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.1	17.7	26.5