Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042815.D
Acq On : 13 Sep 2019 13:27
Operator : HP/JU
Sample : K4806-02RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 13 14:18:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	86737	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	313092	20.00	ng		-0.01
39) Acenaphthene-d10	14.74	164	212401	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	516128	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	539971	20.00	ng		-0.01
87) Perylene-d12	25.02	264	581574	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	681085	136.52	ng		0.00
7) Phenol-d6	7.27	99	916262	127.95	ng		0.00
23) Nitrobenzene-d5	9.27	82	686163	114.10	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	463691	164.09	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1420251	105.85	ng		-0.01
79) Terphenyl-d14	20.08	244	2526602	103.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	17429	7.655	ng	#	1
10) Phenol	7.29	94	16927	2.305	ng	#	77
19) n-Nitroso-di-n-propylamine	9.27	70	95434	18.086	ng	#	69
32) Benzoic acid	10.13	122	5498	7.320	ng		95
50) Dimethylphthalate	14.18	163	191830	12.056	ng		99
57) 2,4-Dinitrotoluene	14.73	165	29169	6.703	ng	#	22
67) 4-Bromophenyl-phenylether	16.21	248	31867	5.101	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
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Quant Time: Sep 13 14:18:16 2019
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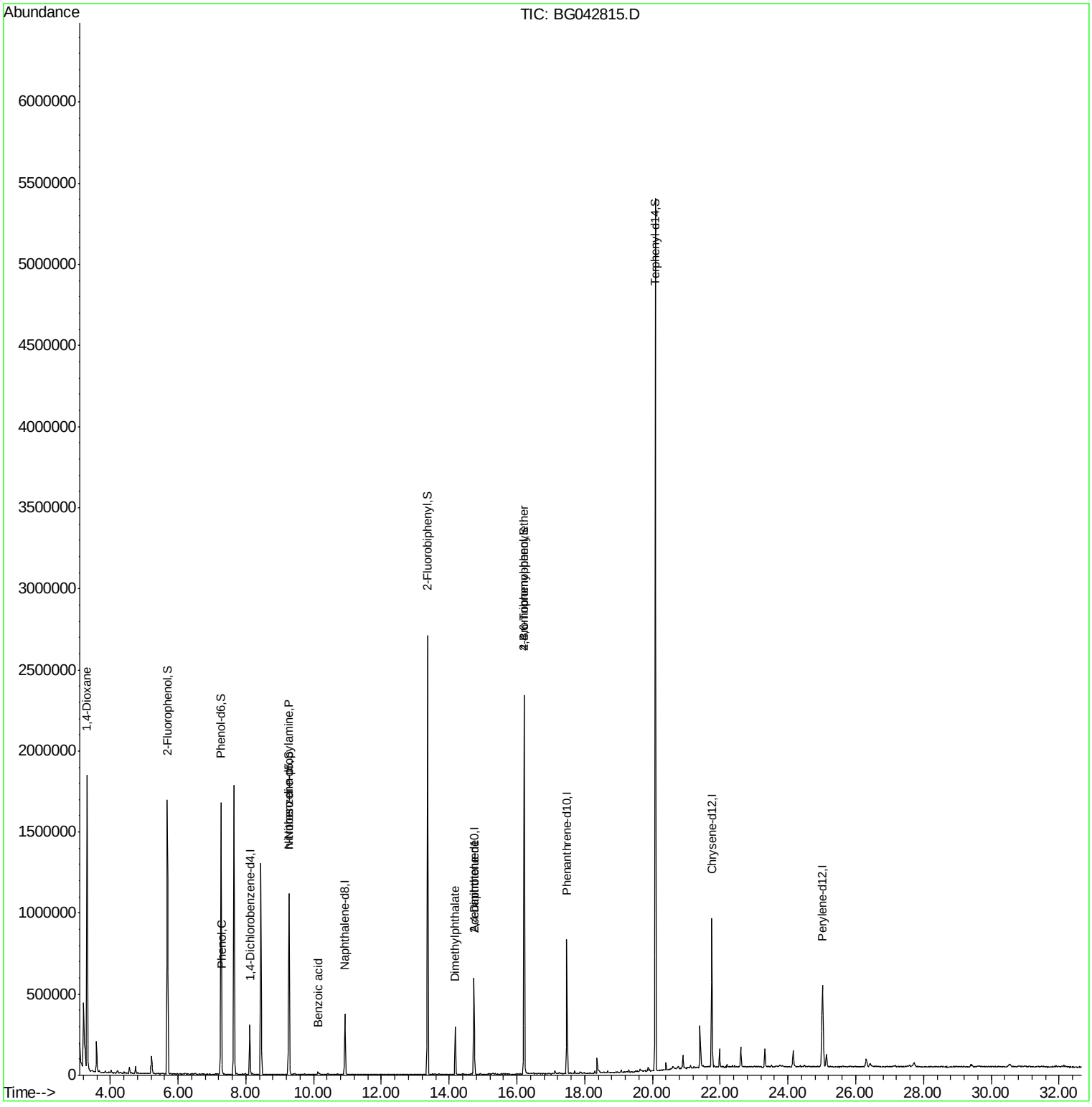
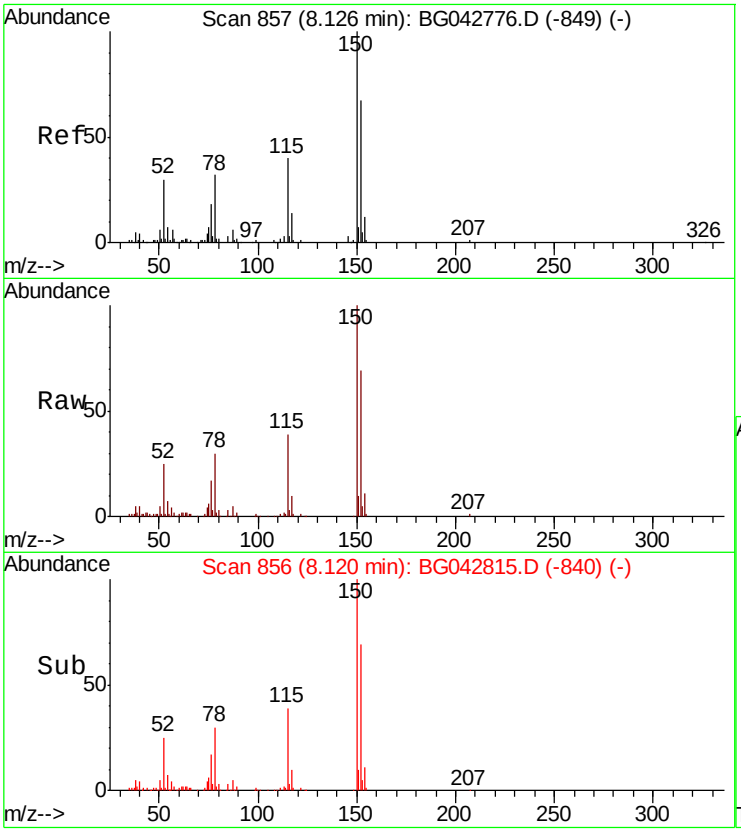
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



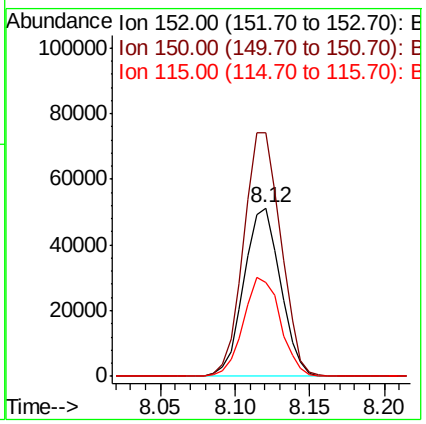


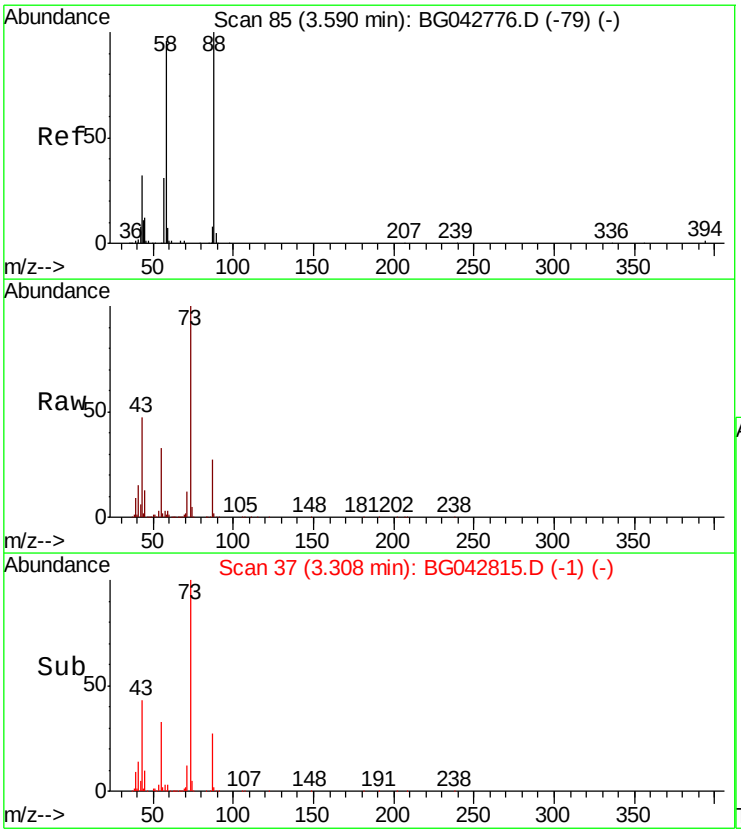
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 86737

Ion	Ratio	Lower	Upper
152	100		
150	144.8	118.9	178.3
115	56.2	47.4	71.2

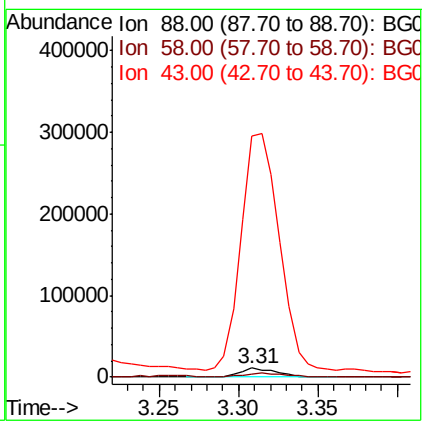


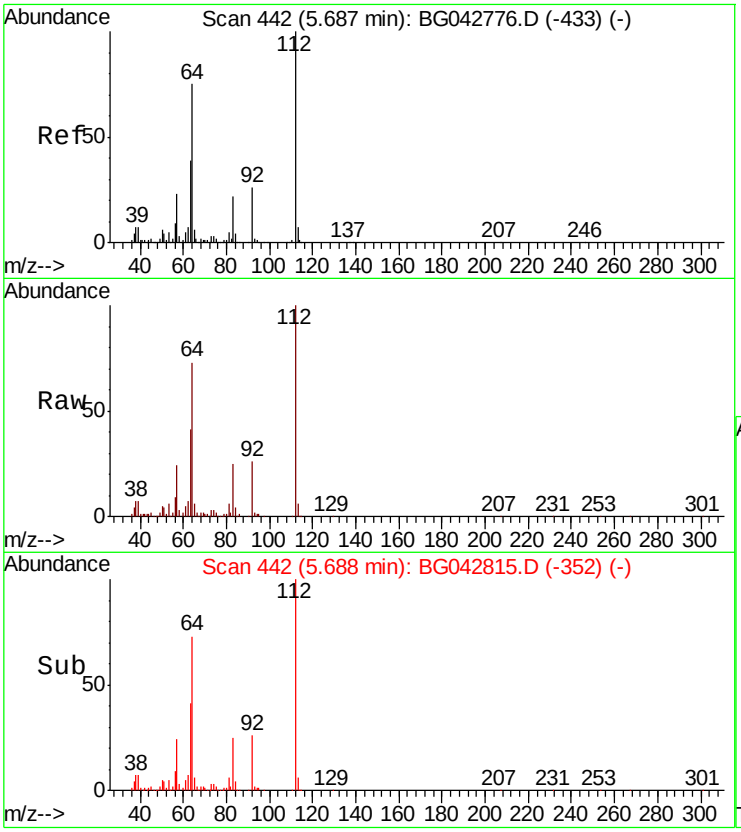


#2
1,4-Dioxane
Concen: 7.655 ng
RT: 3.31 min Scan# 37
Delta R.T. -0.28 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion: 88 Resp: 17429

Ion	Ratio	Lower	Upper
88	100		
58	31.6	79.1	118.7#
43	2901.4	30.4	45.6#



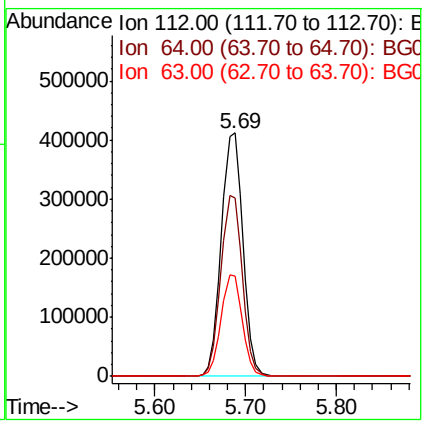


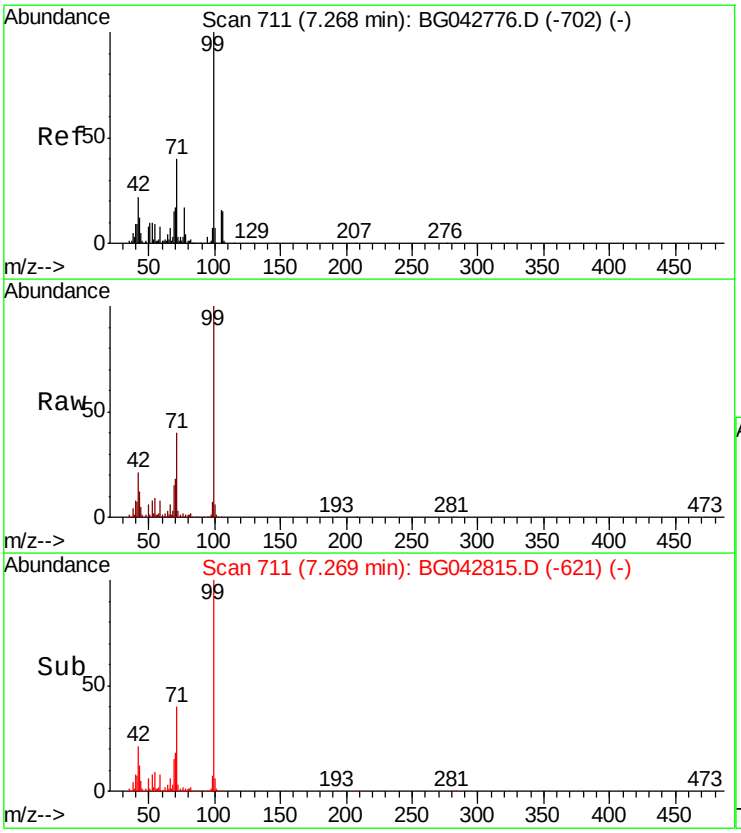
#5
2-Fluorophenol
Concen: 136.516 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 681085

Ion	Ratio	Lower	Upper
112	100		
64	73.2	60.2	90.2
63	41.0	31.2	46.8

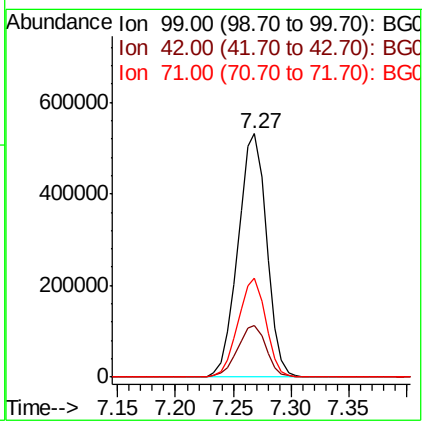


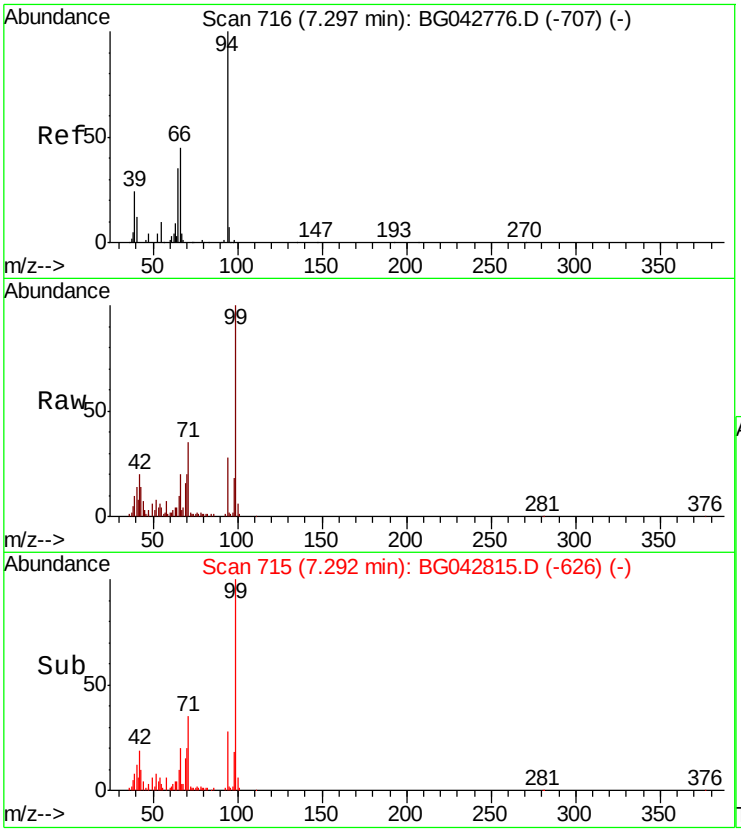


#7
Phenol-d6
Concen: 127.952 ng
RT: 7.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion: 99 Resp: 916262

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.5	26.3
71	40.5	32.0	48.0



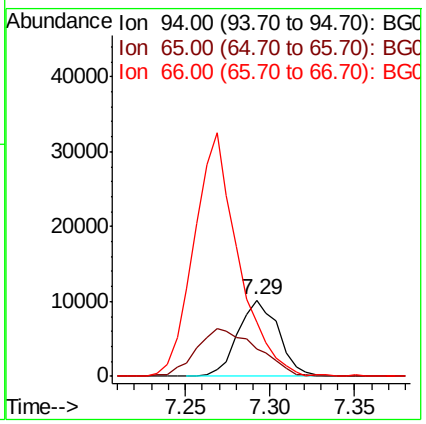


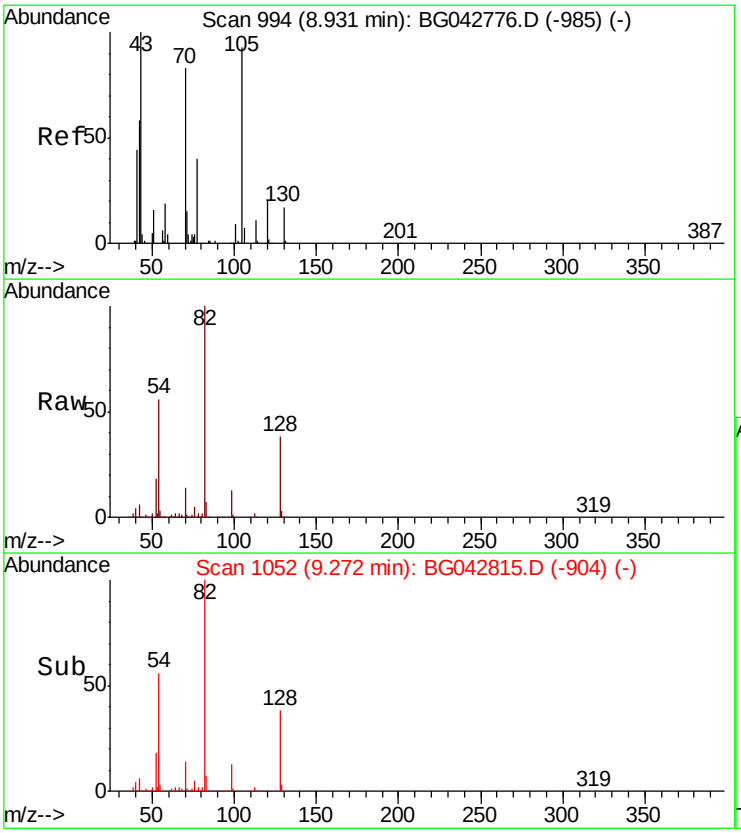
#10
Phenol
Concen: 2.305 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 16927

Ion	Ratio	Lower	Upper
94	100		
65	36.4	15.0	55.0
66	71.5	26.1	66.1#

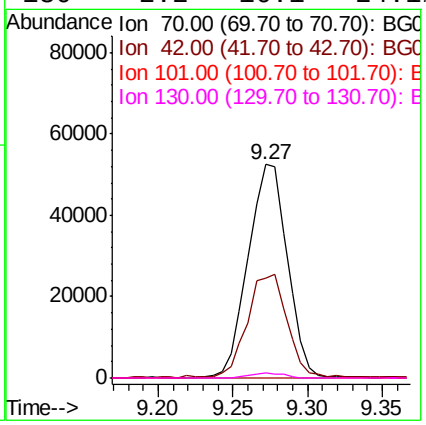


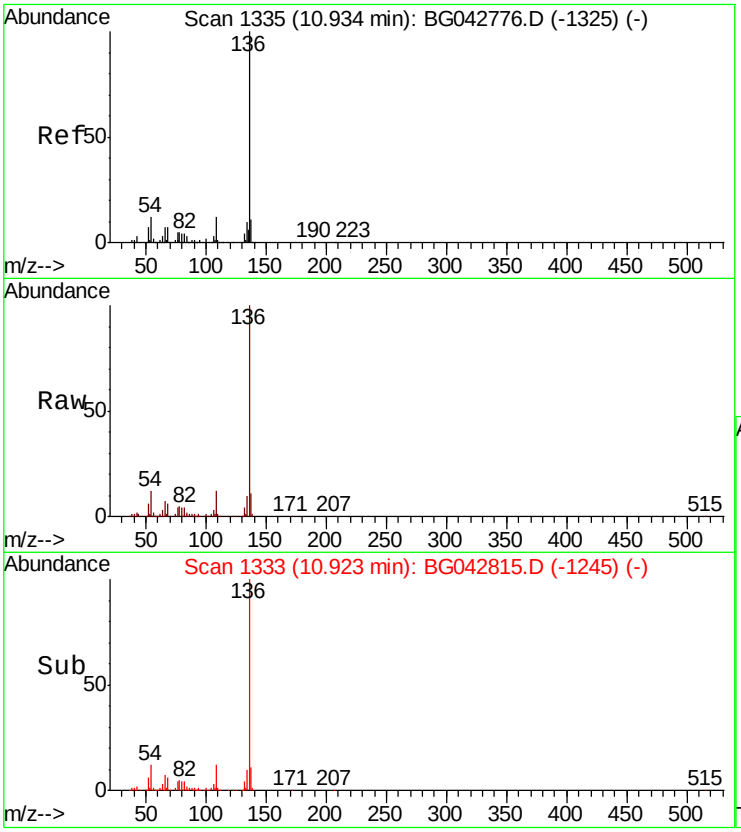


#19
n-Nitroso-di-n-propylamine
Concen: 18.086 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.34 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion: 70 Resp: 95434

Ion	Ratio	Lower	Upper
70	100		
42	46.5	57.0	85.6#
101	0.0	8.4	12.6#
130	2.2	16.1	24.1#



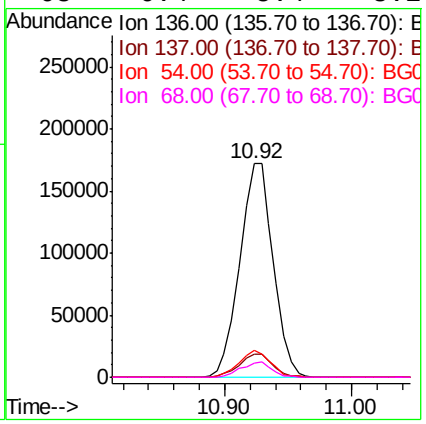


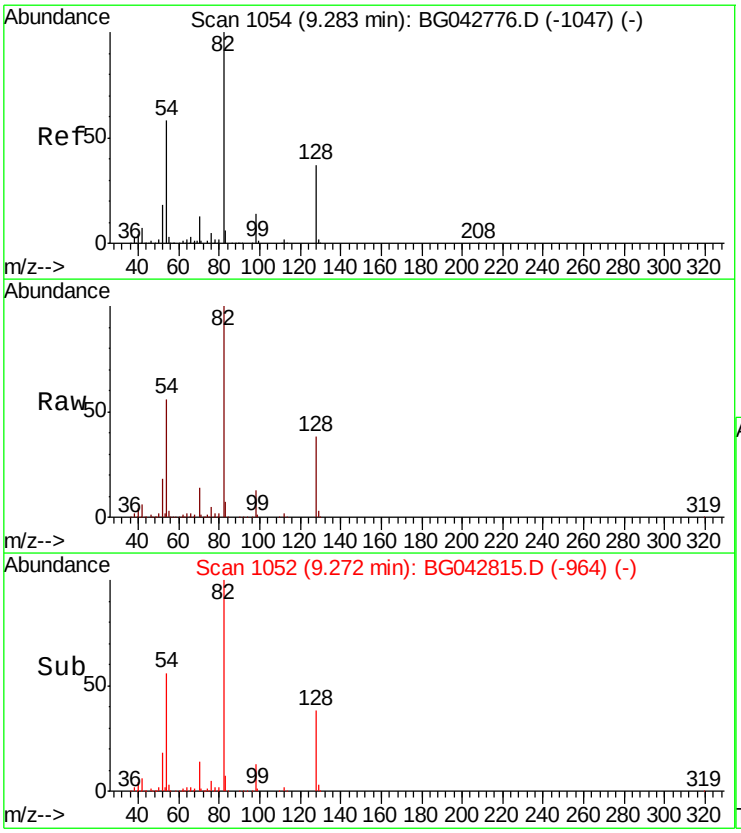
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 313092

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	12.5	9.4	14.0
68	6.4	5.4	8.2

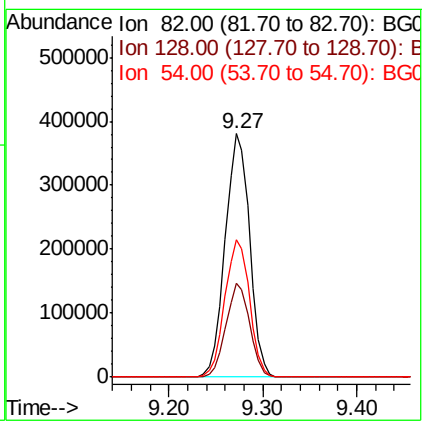


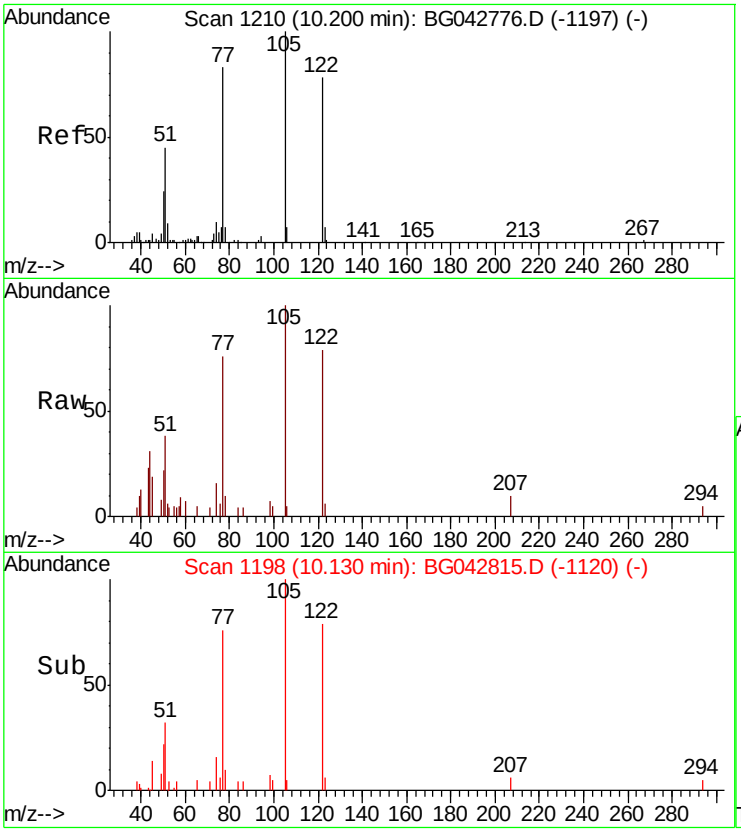


#23
Nitrobenzene-d5
Concen: 114.098 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion: 82 Resp: 686163

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.8	44.8
54	56.4	46.1	69.1



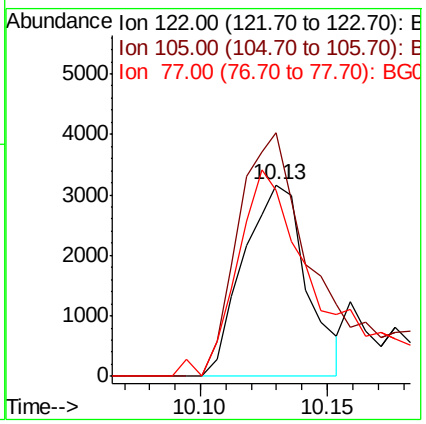


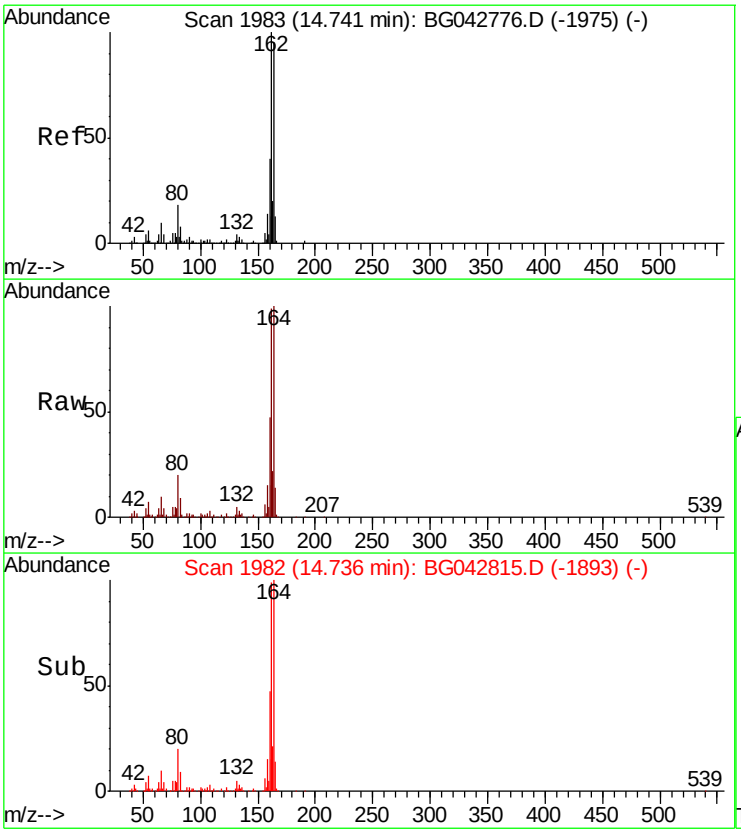
#32
Benzoic acid
Concen: 7.320 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.07 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 5498

Ion	Ratio	Lower	Upper
122	100		
105	127.3	104.0	144.0
77	97.1	84.2	124.2

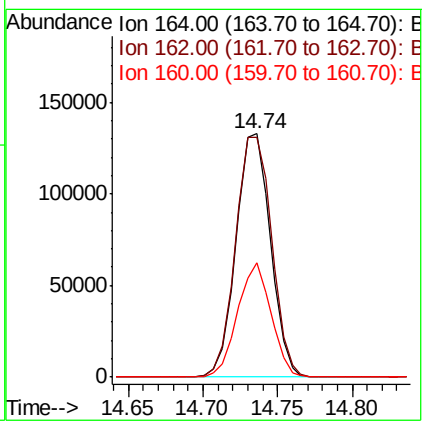


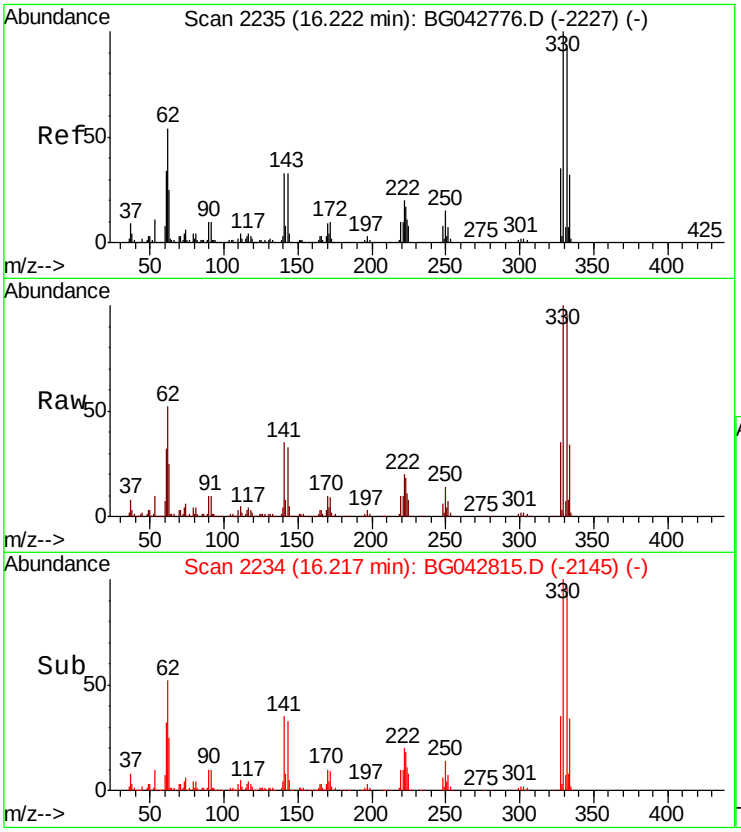


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion:164 Resp: 212401

Ion	Ratio	Lower	Upper
164	100		
162	98.6	84.6	126.8
160	47.0	34.2	51.2



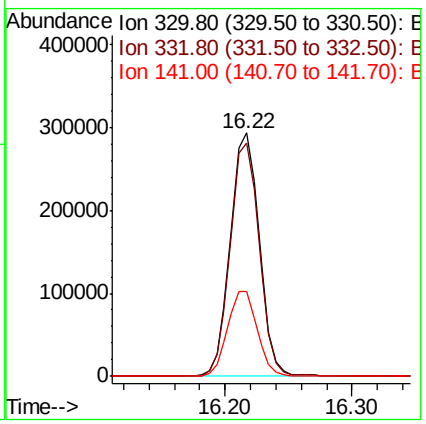


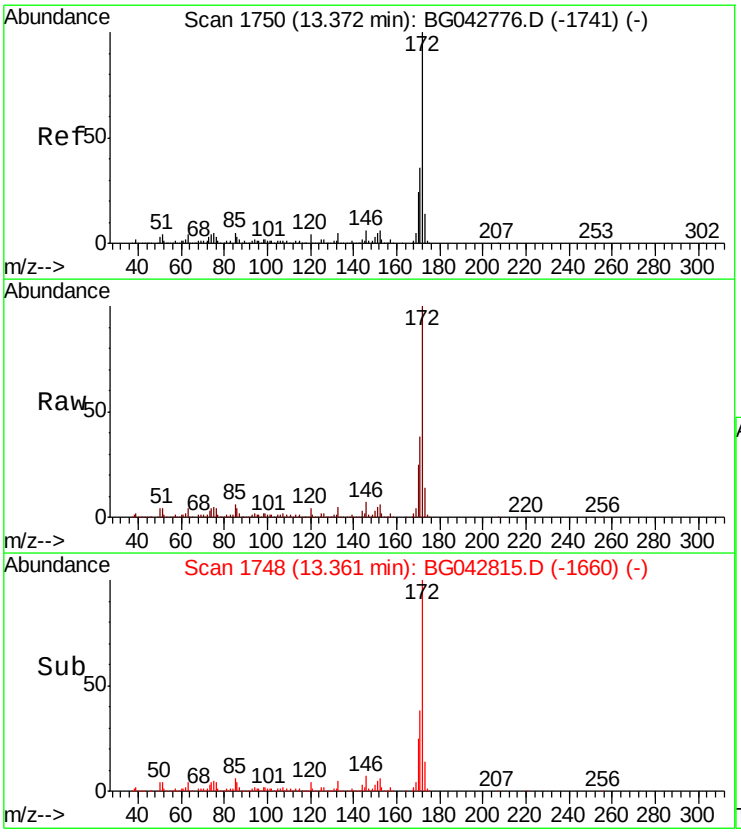
#42
2,4,6-Tribromophenol
Concen: 164.090 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 463691

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	35.5	27.0	40.6

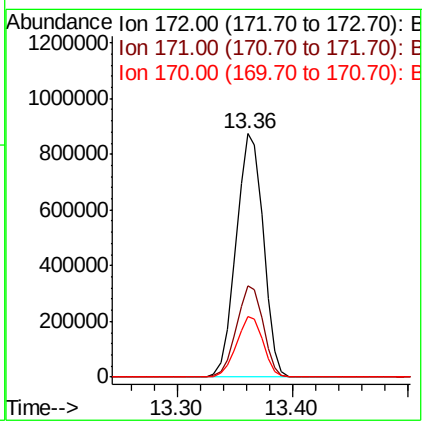


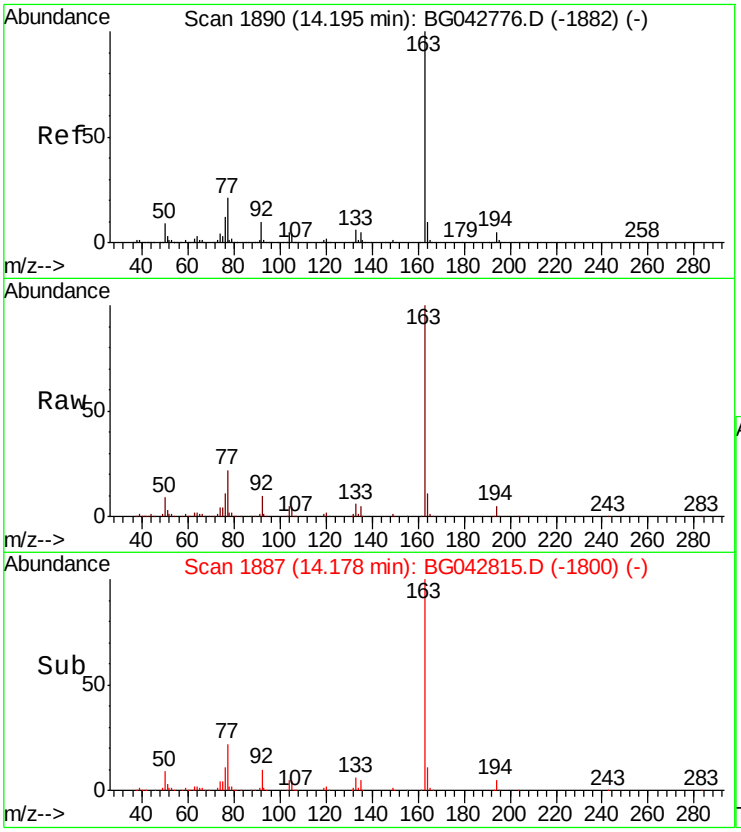


#45
2-Fluorobiphenyl
Concen: 105.845 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion:172 Resp: 1420251

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	24.8	19.1	28.7



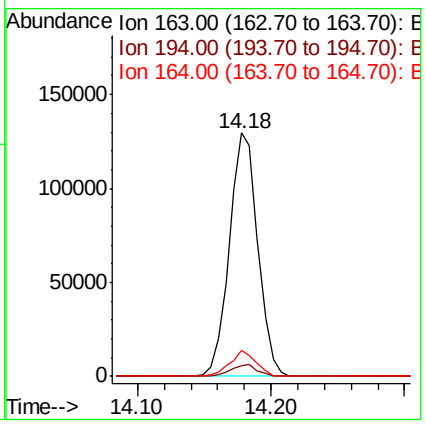


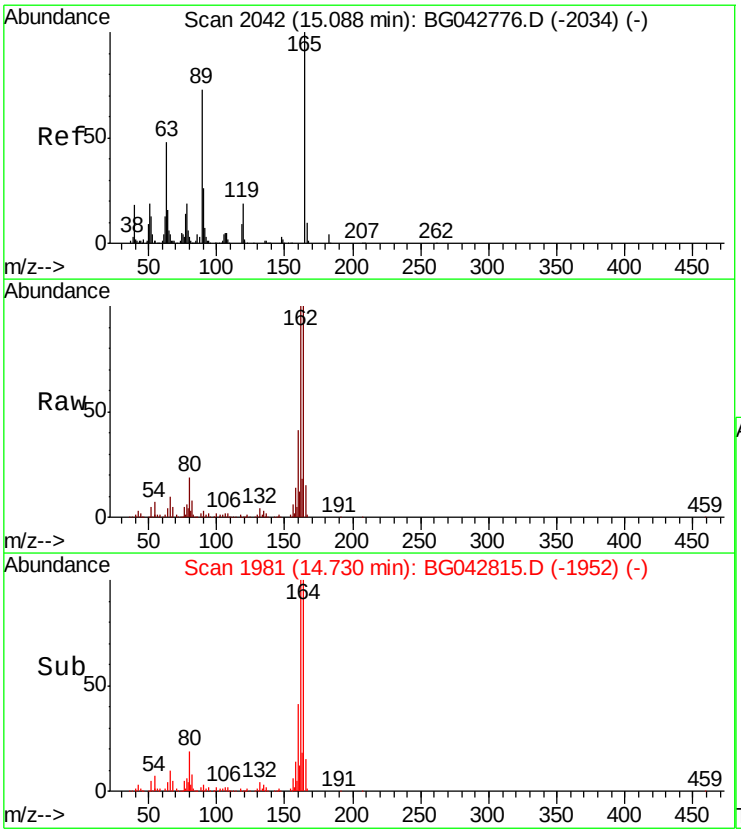
#50
Dimethylphthalate
Concen: 12.056 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 191830

Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.4
164	10.5	8.4	12.6

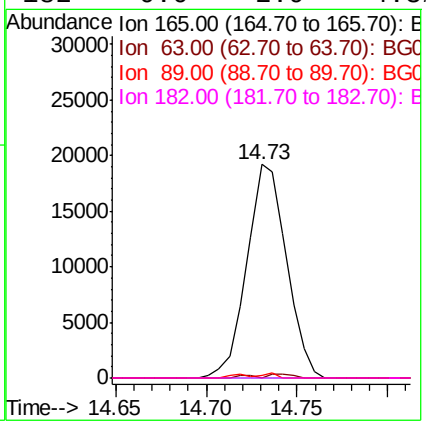


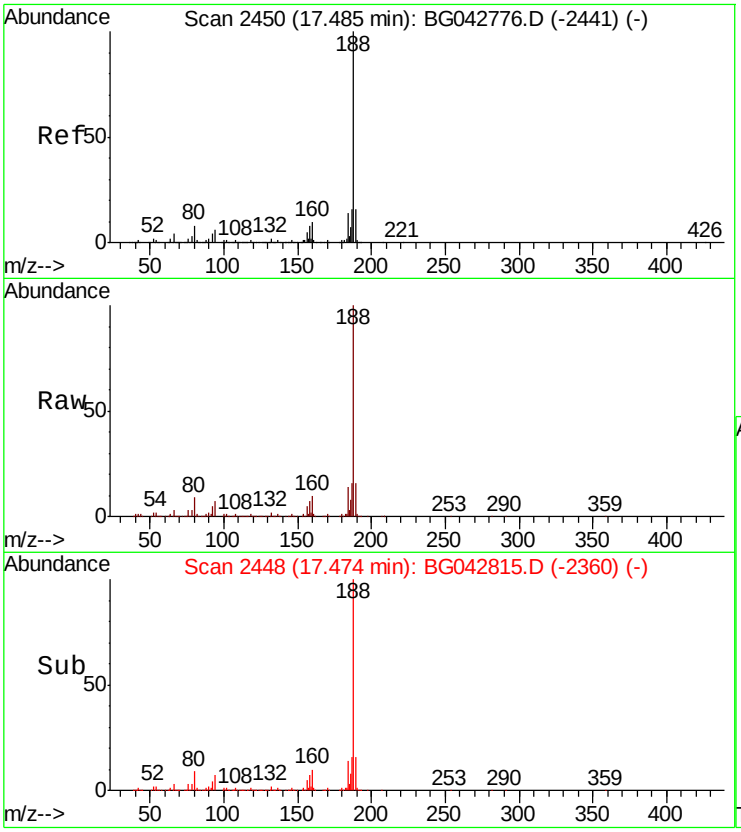


#57
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.36 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion:165 Resp: 29169

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	1.2	58.4	87.6#
182	0.0	2.9	4.3#



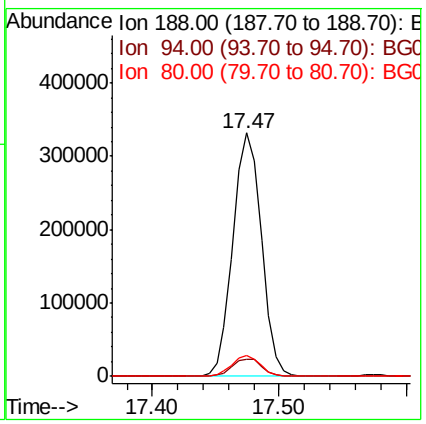


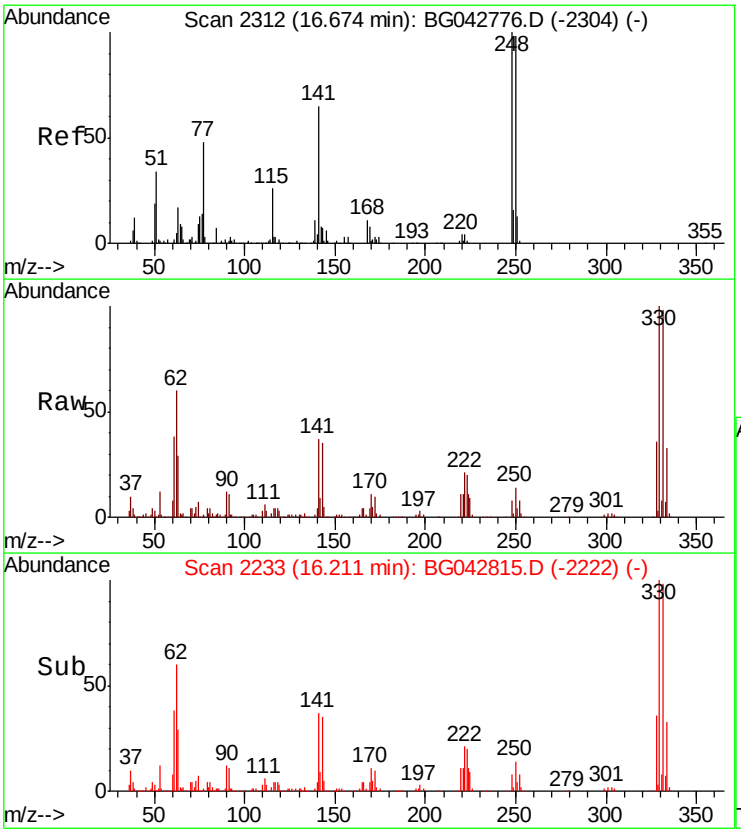
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 516128

Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.8	7.2
80	8.5	6.6	9.8

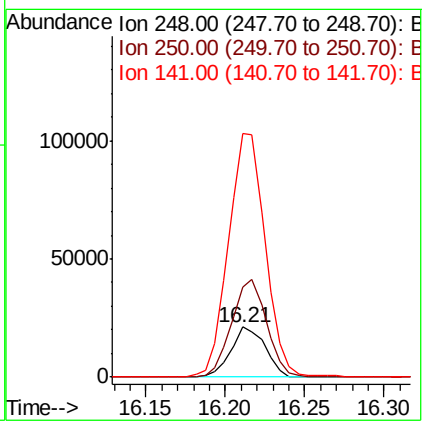


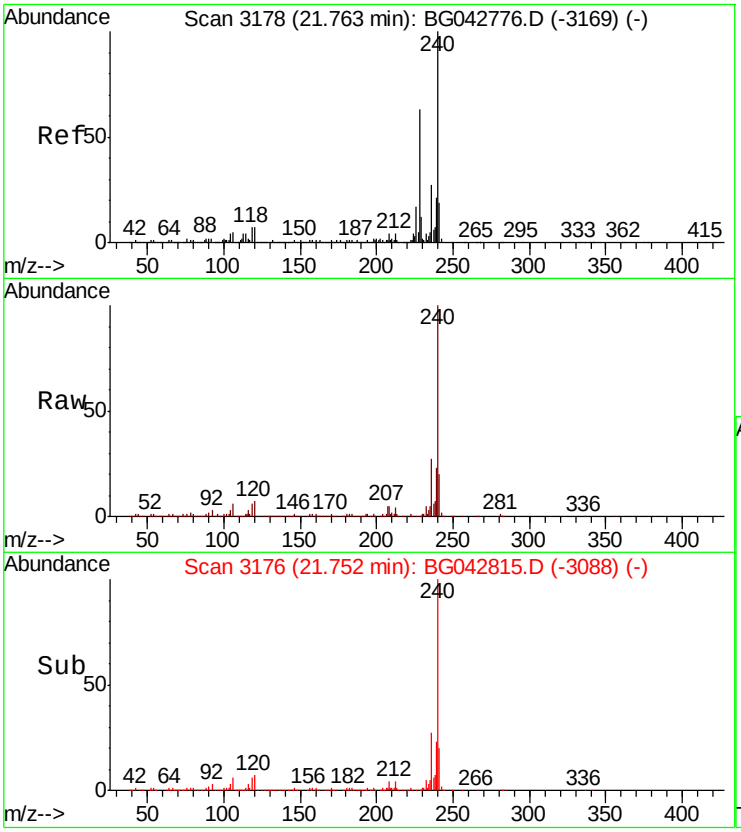


#67
4-Bromophenyl-phenylether
Concen: 5.101 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.46 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion:248 Resp: 31867

Ion	Ratio	Lower	Upper
248	100		
250	181.6	78.0	117.0#
141	488.5	51.8	77.6#



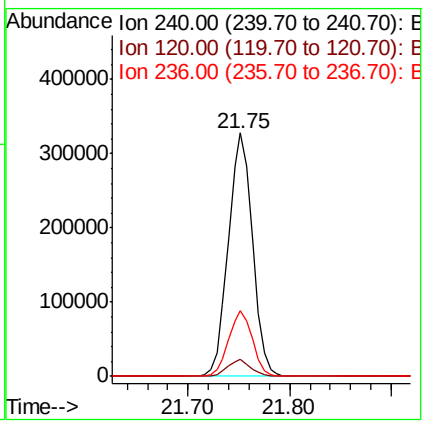


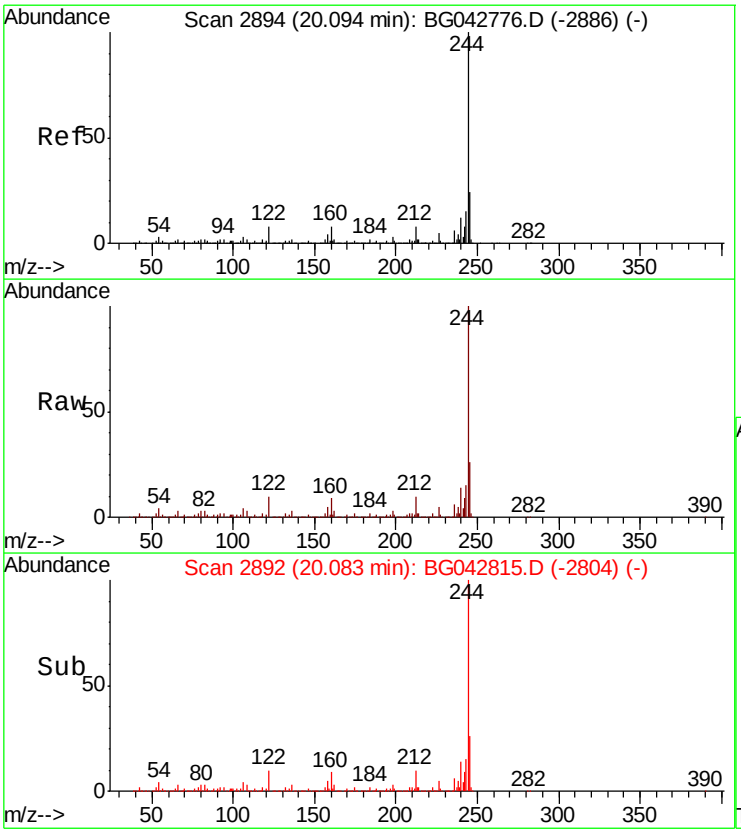
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 539971

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.4	8.2
236	26.8	21.7	32.5

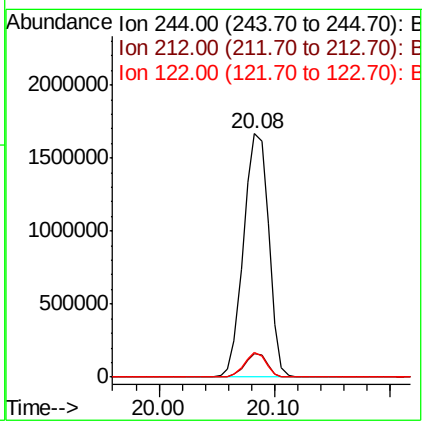


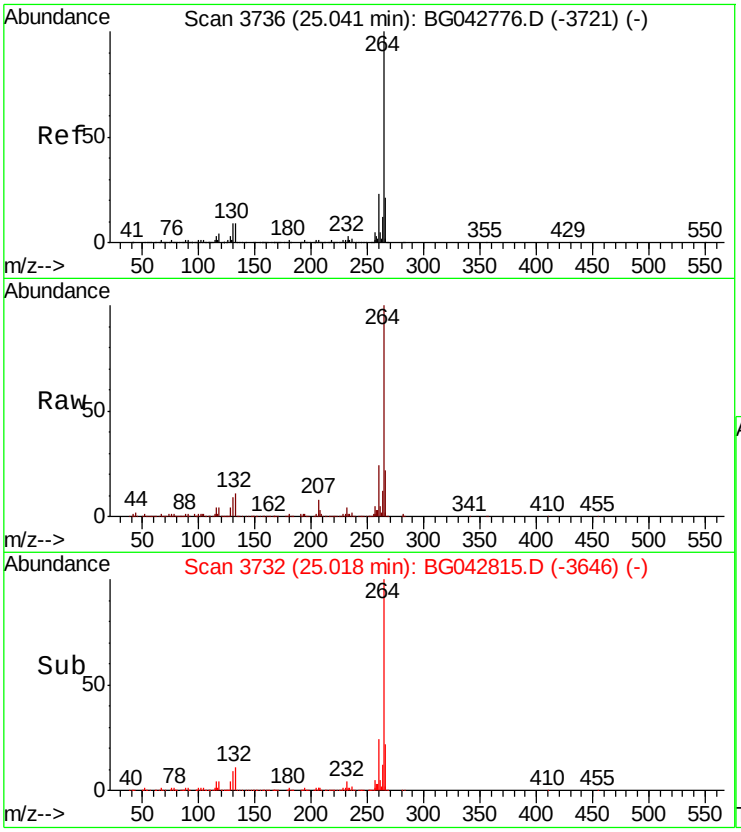


#79
Terphenyl-d14
Concen: 103.703 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.01 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Tgt Ion:244 Resp: 2526602

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.6	10.0
122	10.2	6.2	9.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BG042815.D
Acq: 13 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 581574

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	22.0	16.9	25.3