Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044327.D
Acq On : 6 Feb 2020 17:54
Operator : CG/JU
Sample : L1390-01DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1DL

Quant Time: Feb 06 21:48:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	93399	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	369683	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	244259	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	510239	20.00	ng		0.00
76) Chrysene-d12	21.54	240	500230	20.00	ng		0.00
87) Perylene-d12	24.63	264	560743	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	75037	14.18	ng		0.00
7) Phenol-d6	7.08	99	96811	13.62	ng		0.00
23) Nitrobenzene-d5	9.07	82	61143	9.34	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	31262	10.90	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	154133	10.57	ng		0.00
79) Terphenyl-d14	19.91	244	250582	10.30	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	9.03	117	46233	17.913	ng	#	1
19) n-Nitroso-di-n-propylamine	8.69	70	11741	2.479	ng	#	59
22) Acetophenone	8.72	105	122804	13.655	ng	#	58
25) Isophorone	9.65	82	32546	2.667	ng	#	1
31) Naphthalene	10.77	128	384408	21.432	ng		98
32) Benzoic acid	10.06	122	992	14.397	ng	#	1
35) Caprolactam	11.65	113	9686	4.670	ng	#	1
37) 2-Methylnaphthalene	12.38	142	1050970	78.920	ng		99
38) 1-Methylnaphthalene	12.59	142	643563	51.259	ng		100
52) Acenaphthene	14.62	154	42944	3.222	ng	#	84
54) 2,4-Dinitrophenol	14.67	184	508	7.823	ng	#	1
55) Dibenzofuran	14.95	168	73547	3.644	ng	#	1
56) 4-Nitrophenol	14.76	139	43406	13.681	ng	#	56
58) Fluorene	15.60	166	108913	6.852	ng	#	84
66) n-Nitrosodiphenylamine	15.81	169	181654	12.704	ng	#	46
70) Pentachlorophenol	16.95	266	78	3.166	ng	#	21
71) Phenanthrene	17.34	178	331432	13.414	ng		96
72) Anthracene	17.34	178	331432	13.568	ng		98

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

Quantitation Report (Not Reviewed)

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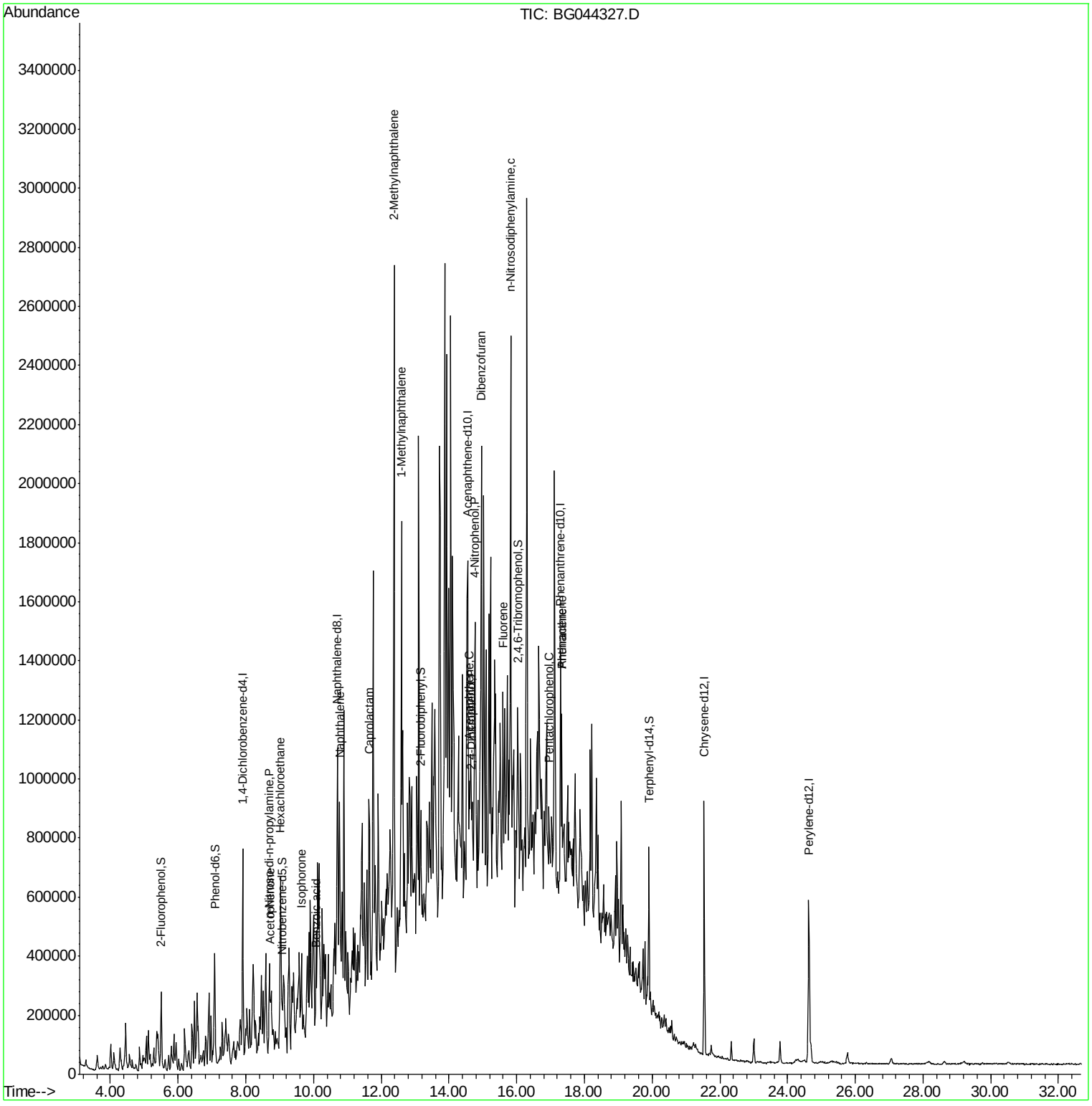
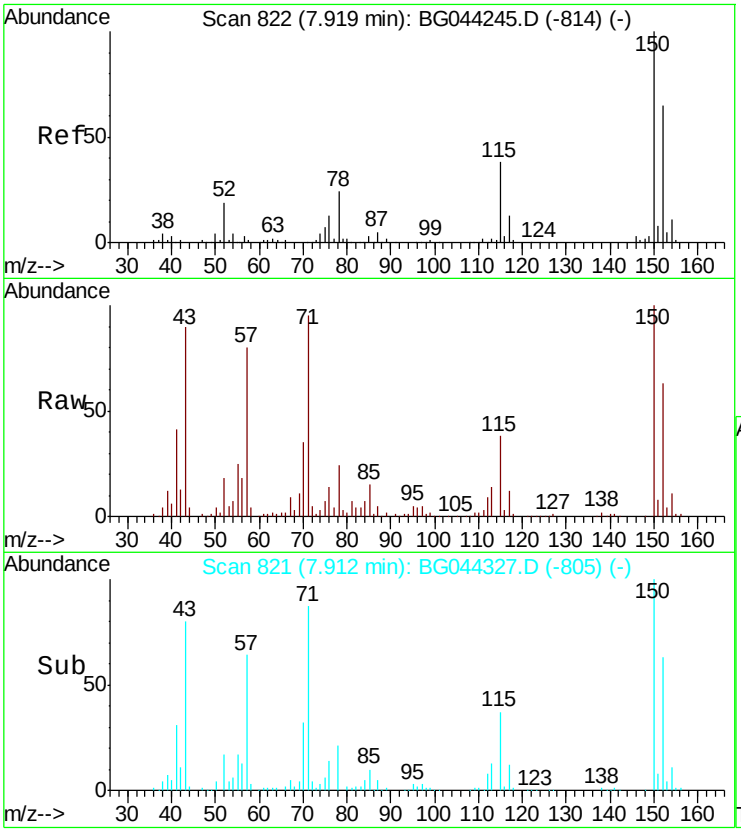
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



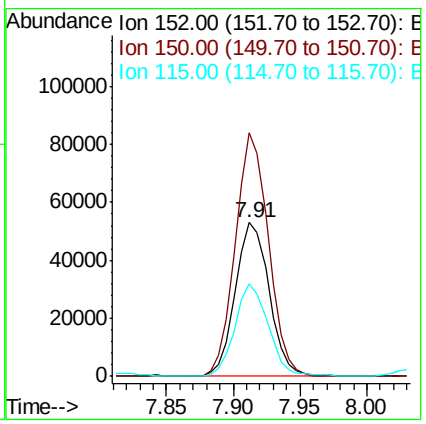


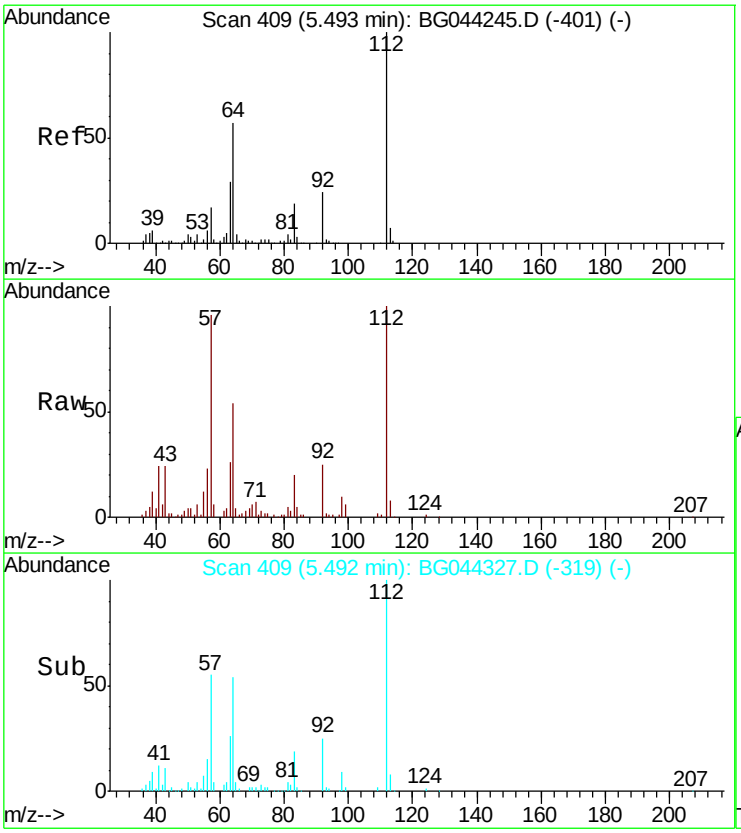
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:152 Resp: 93399

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.6	183.8
115	60.2	46.0	69.0

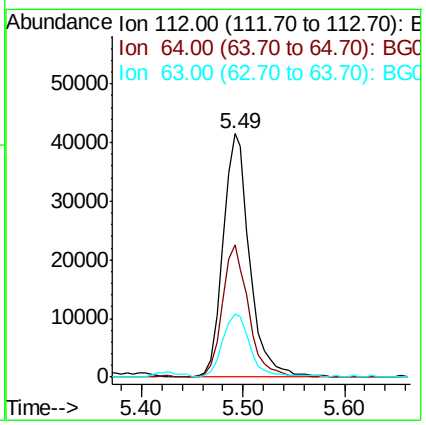


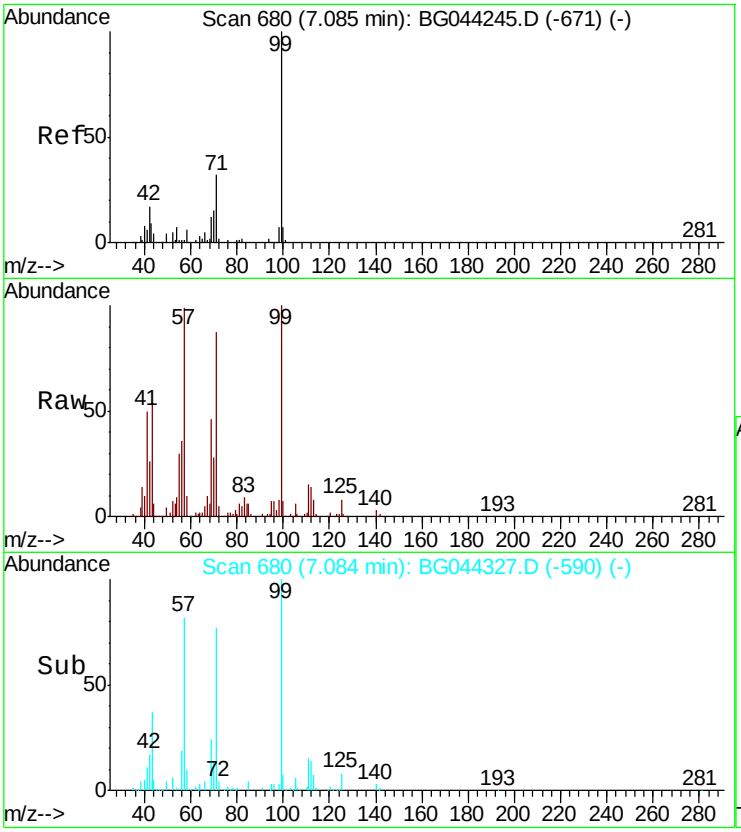


#5
2-Fluorophenol
Concen: 14.179 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:112 Resp: 75037

Ion	Ratio	Lower	Upper
112	100		
64	54.3	45.4	68.2
63	26.1	22.9	34.3



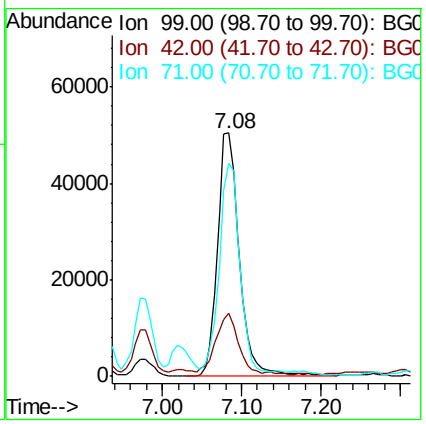


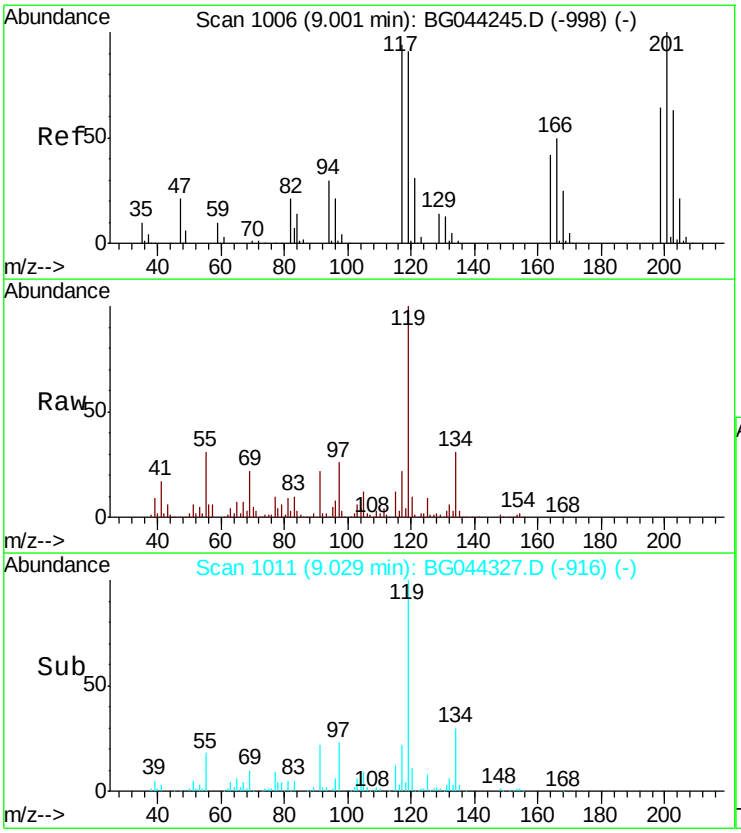
#7
Phenol-d6
Concen: 13.623 ng
RT: 7.08 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion: 99 Resp: 96811

Ion	Ratio	Lower	Upper
99	100		
42	26.1	13.8	20.6#
71	87.3	25.5	38.3#

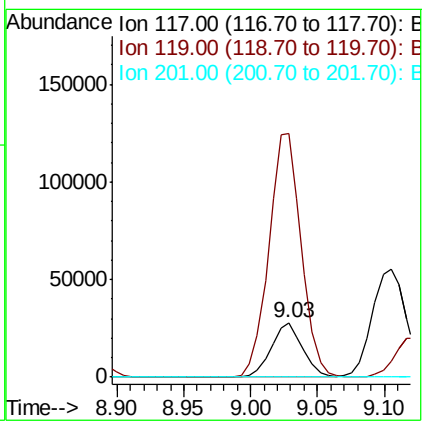


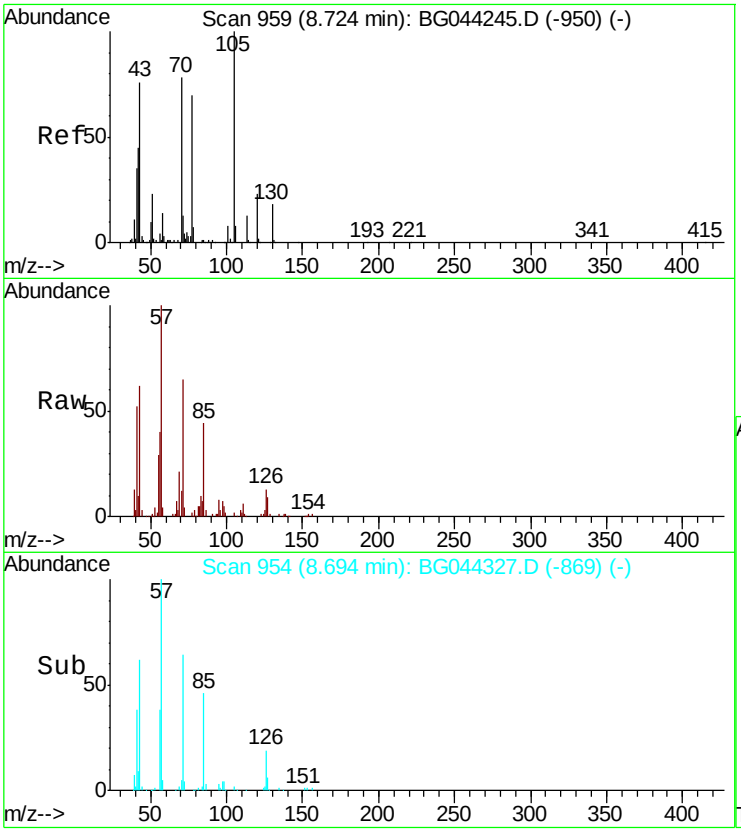


#18
Hexachloroethane
Concen: 17.913 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.03 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:117 Resp: 46233

Ion	Ratio	Lower	Upper
117	100		
119	449.6	77.5	116.3#
201	0.0	84.9	127.3#



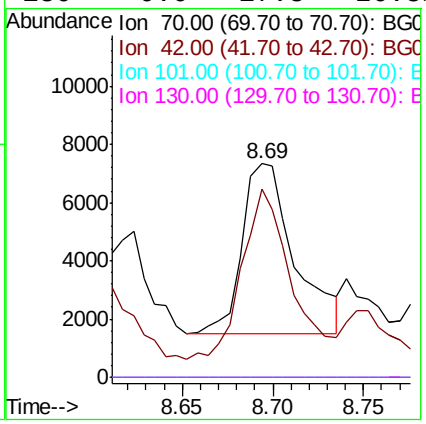


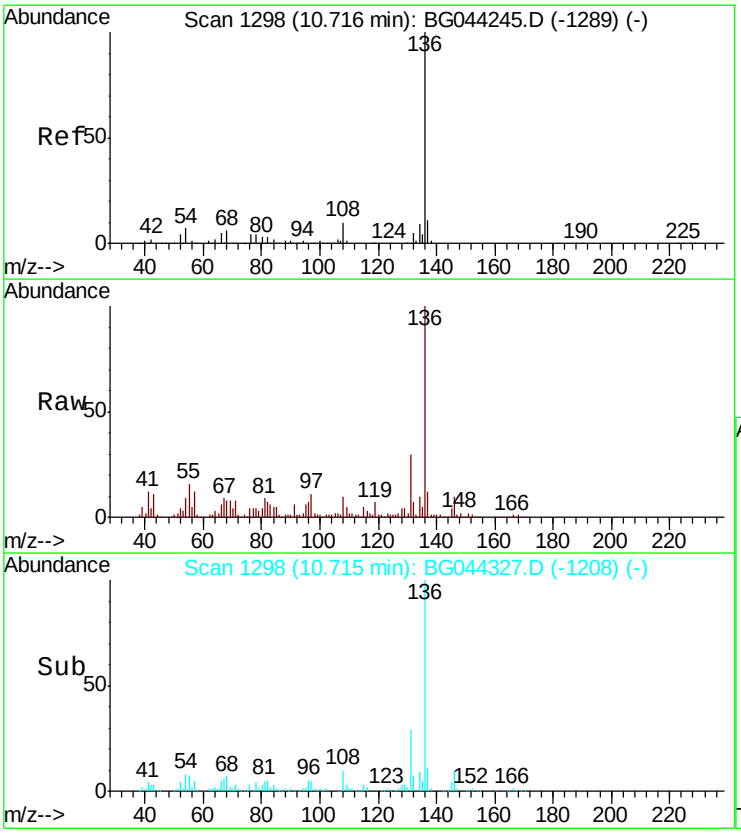
#19
n-Nitroso-di-n-propylamine
Concen: 2.479 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.03 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion: 70 Resp: 11741

Ion	Ratio	Lower	Upper
70	100		
42	87.8	46.2	69.2#
101	0.0	8.4	12.6#
130	0.0	17.8	26.8#

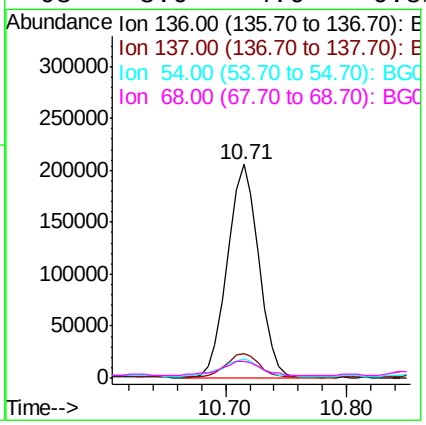


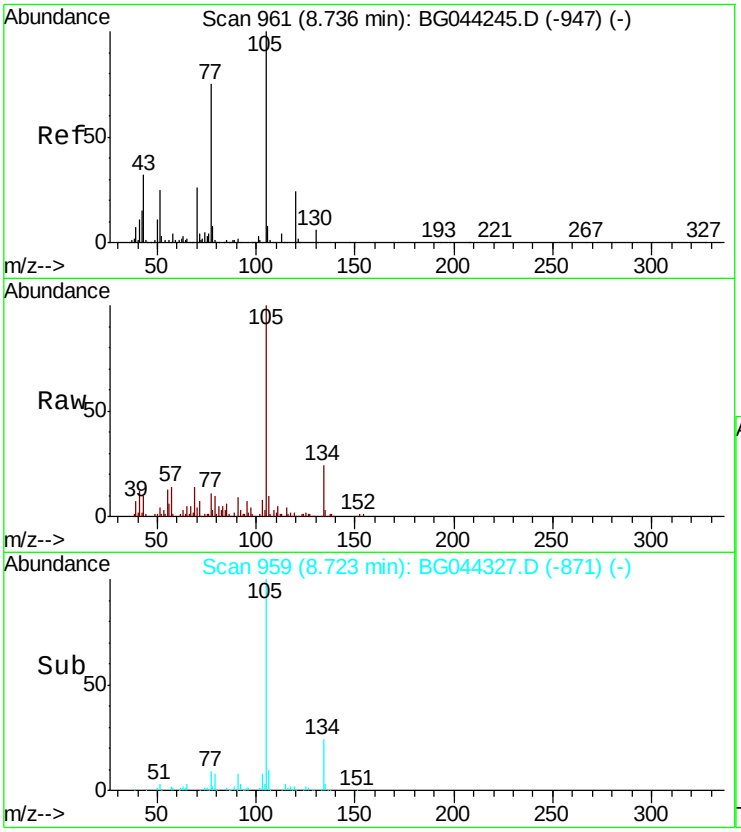


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:136 Resp: 369683

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.7	5.8	8.8
68	8.0	4.6	6.8#



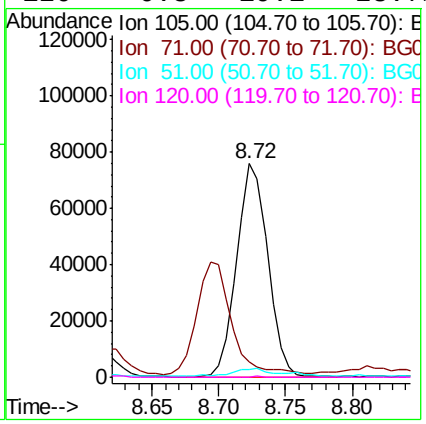


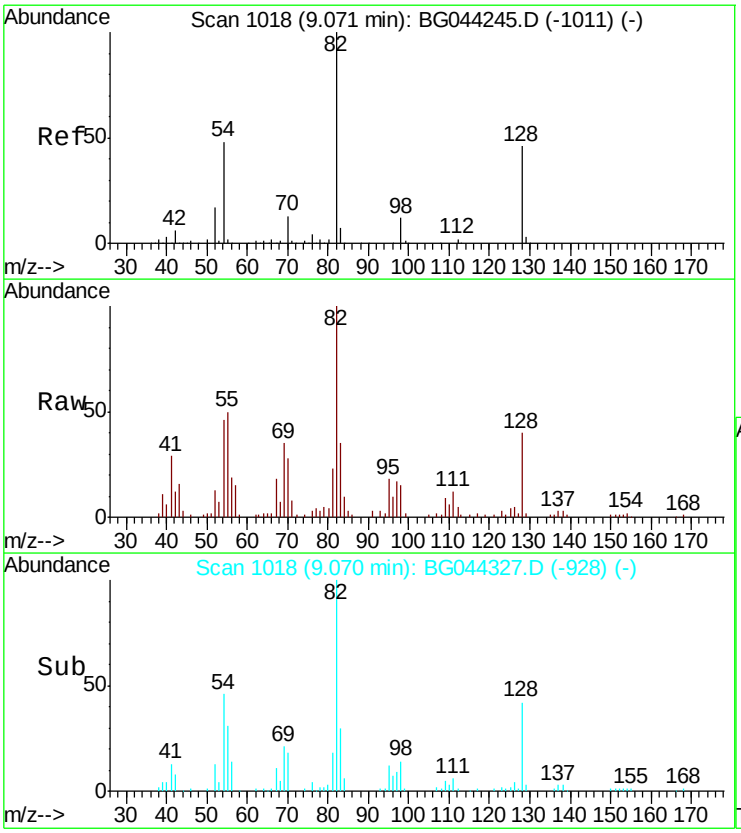
#22
Acetophenone
Concen: 13.655 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:105 Resp: 122804

Ion	Ratio	Lower	Upper
105	100		
71	6.9	3.4	5.0#
51	3.6	20.2	30.4#
120	0.3	19.1	28.7#

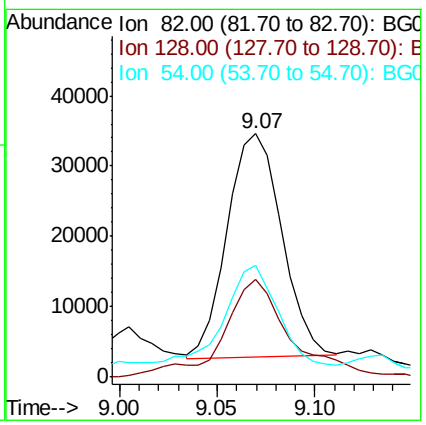


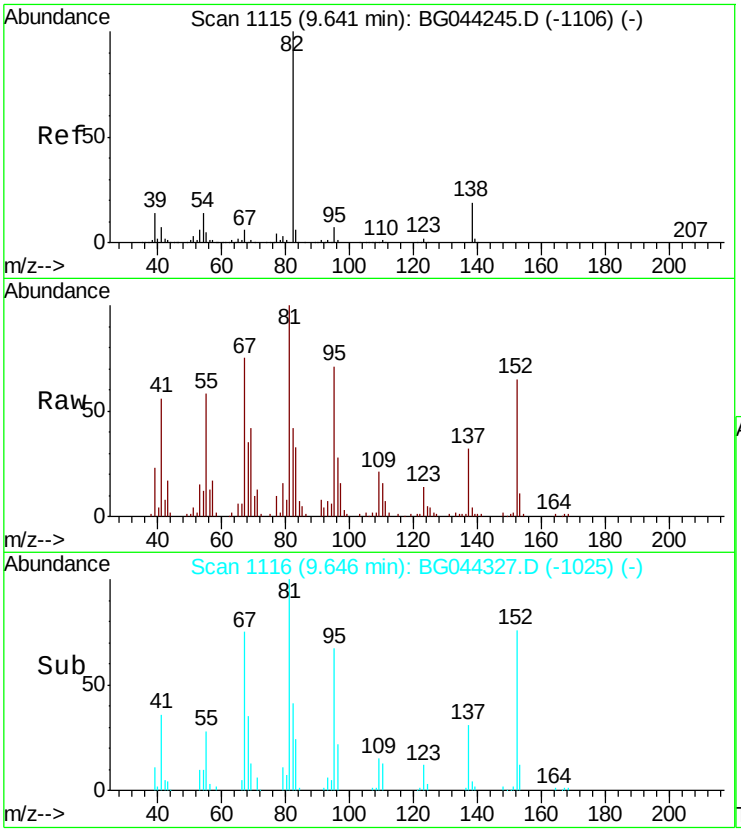


#23
Nitrobenzene-d5
Concen: 9.337 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion: 82 Resp: 61143

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.5	54.7
54	46.0	38.6	58.0



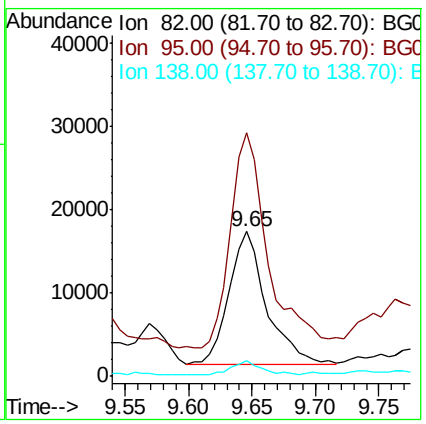


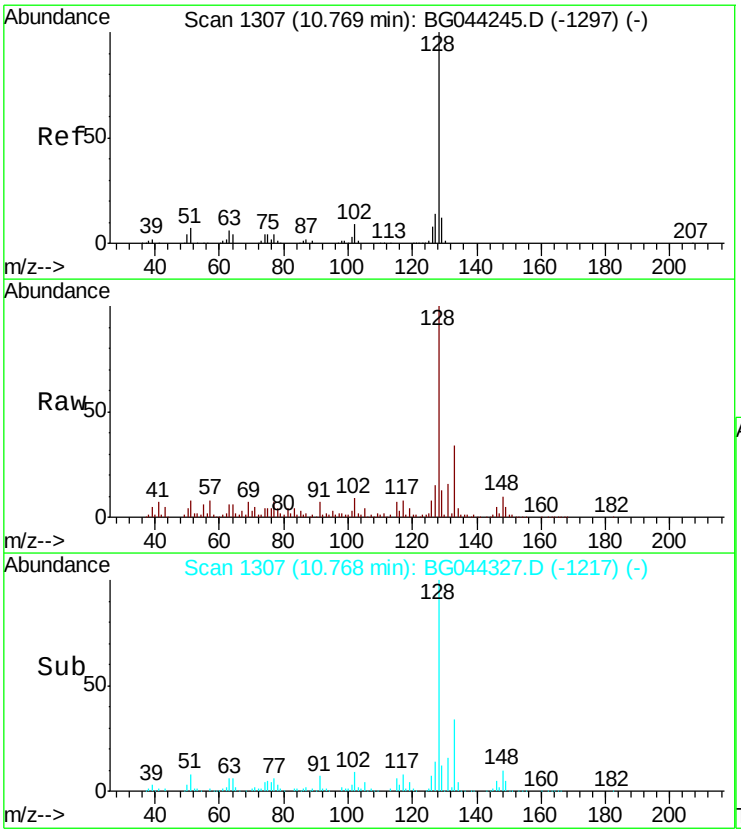
#25
Isophorone
Concen: 2.667 ng
RT: 9.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion: 82 Resp: 32546

Ion	Ratio	Lower	Upper
82	100		
95	168.1	5.7	8.5#
138	10.5	15.0	22.4#

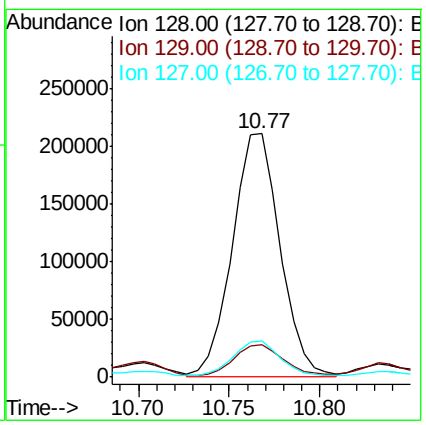


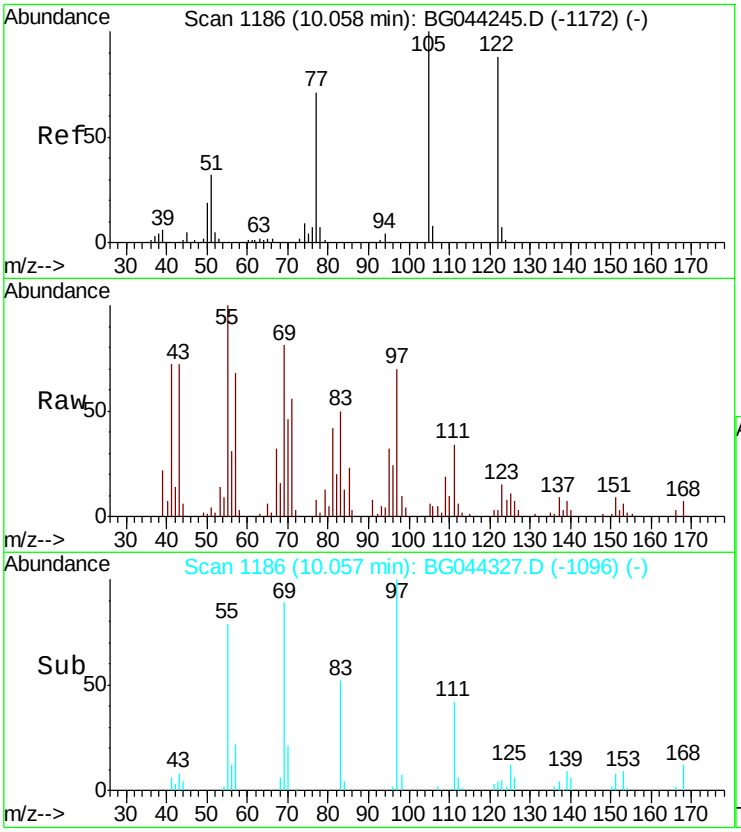


#31
Naphthalene
Concen: 21.432 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:128 Resp: 384408

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.3	13.9
127	14.7	11.6	17.4



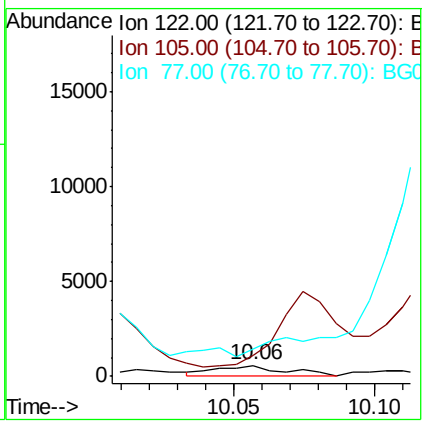


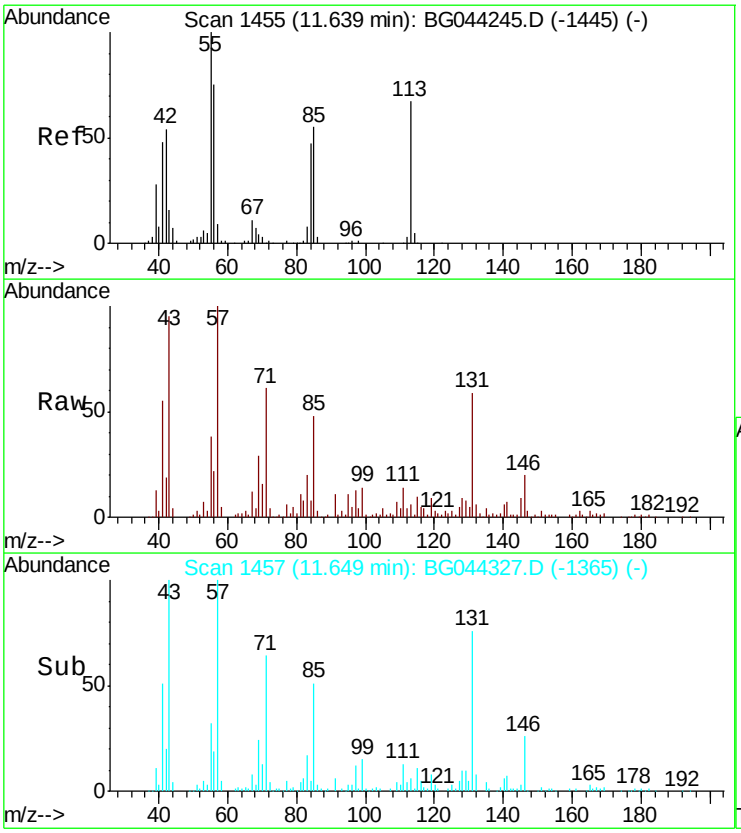
#32
Benzoic acid
Concen: 14.397 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:122 Resp: 992

Ion	Ratio	Lower	Upper
122	100		
105	189.7	93.5	133.5#
77	242.1	61.0	101.0#

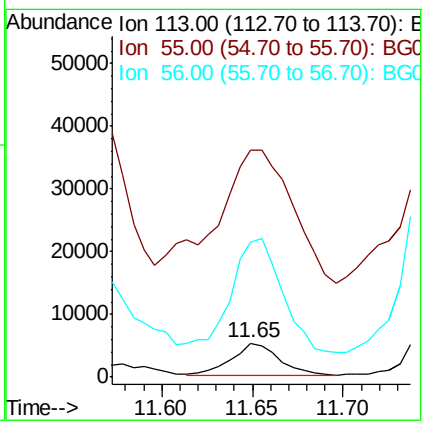


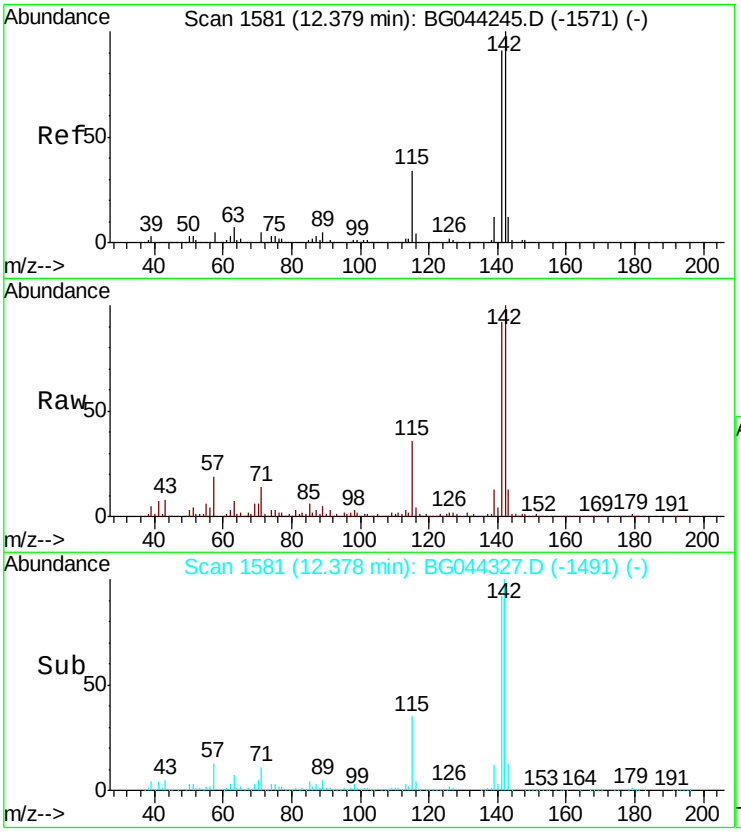


#35
Caprolactam
Concen: 4.670 ng
RT: 11.65 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:113 Resp: 9686

Ion	Ratio	Lower	Upper
113	100		
55	672.8	129.9	169.9#
56	398.4	92.5	132.5#



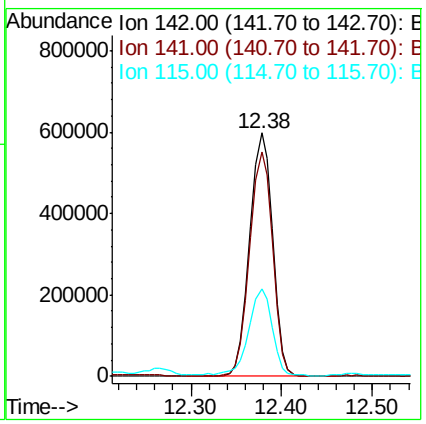


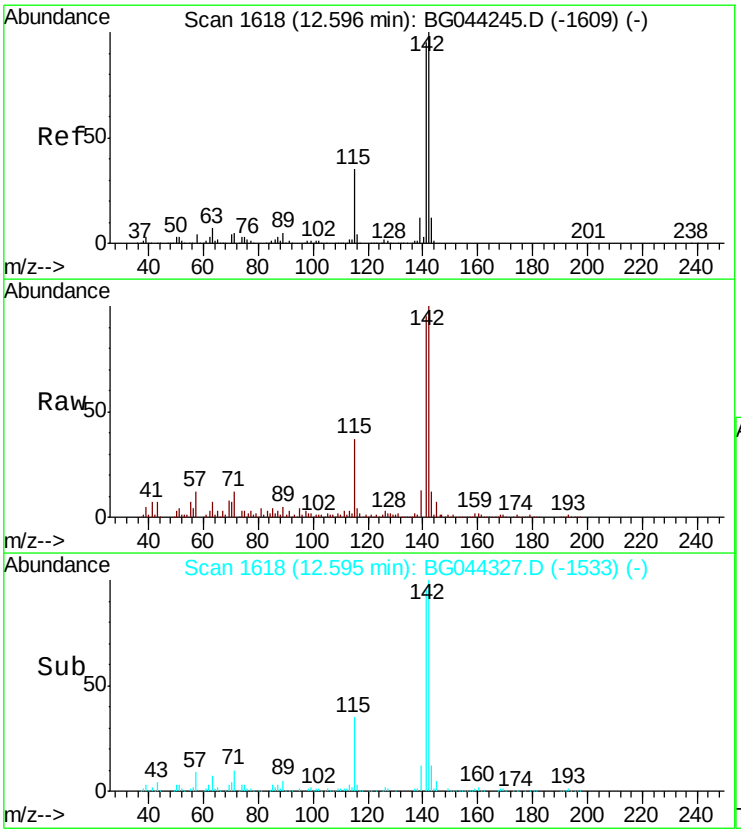
#37
2-Methylnaphthalene
Concen: 78.920 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:142 Resp: 1050970

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8
115	36.2	27.1	40.7

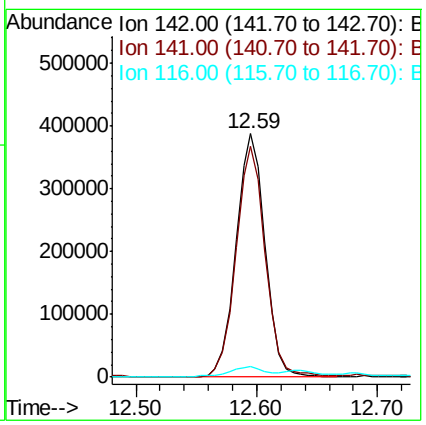


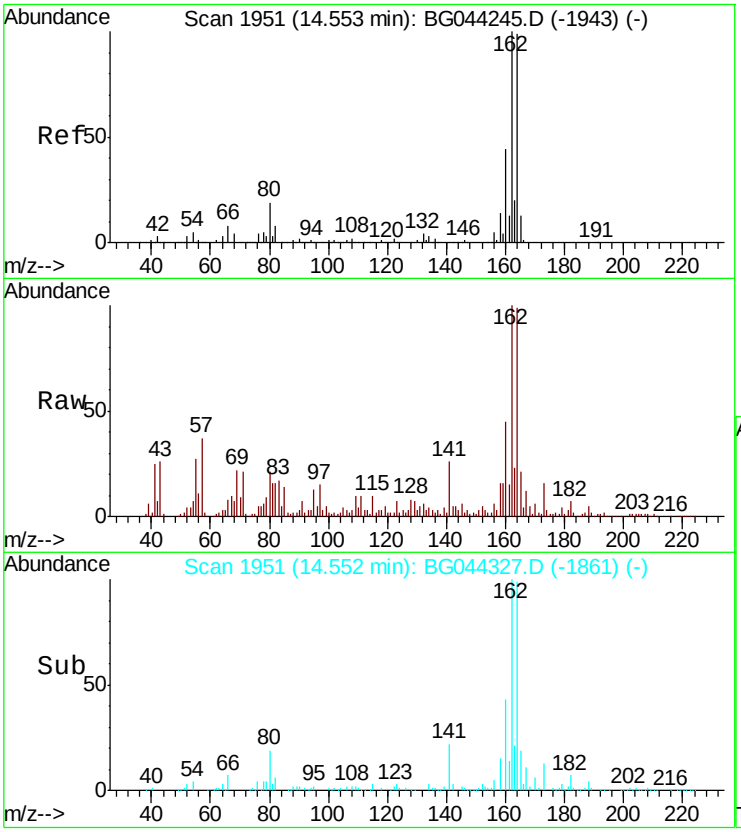


#38
1-Methylnaphthalene
Concen: 51.259 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:142 Resp: 643563

Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.6
116	4.3	3.1	4.7



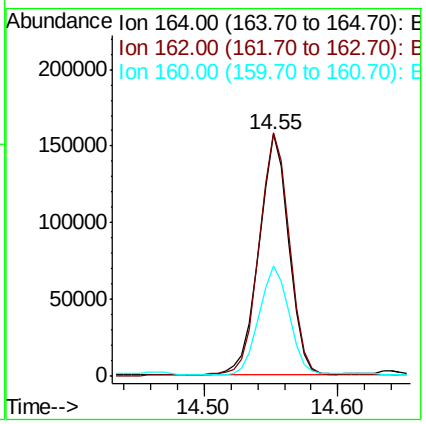


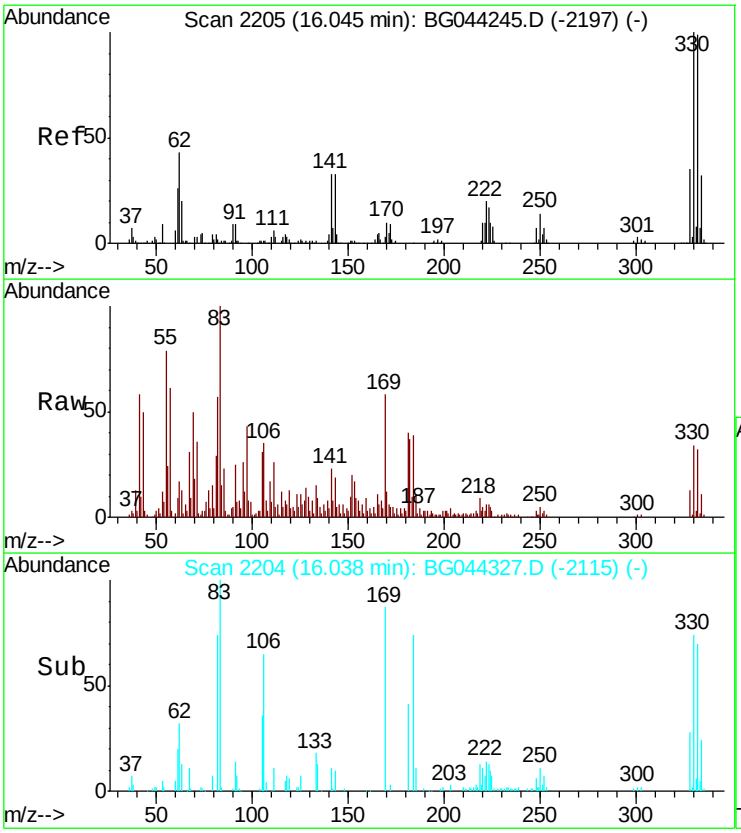
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:164 Resp: 244259

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	45.6	35.3	52.9

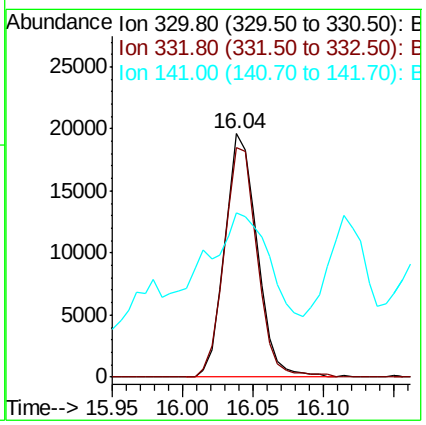


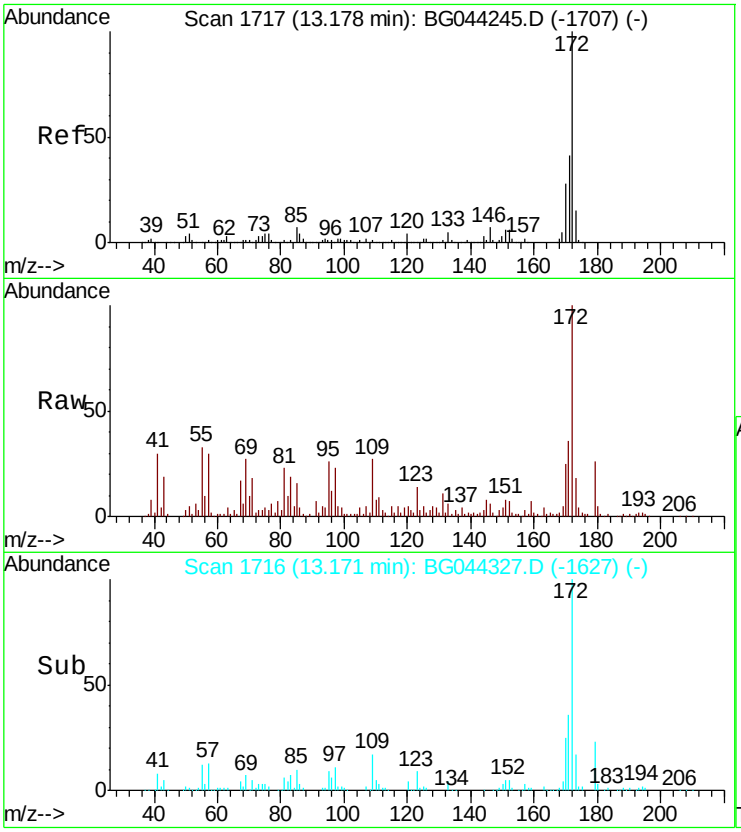


#42
2,4,6-Tribromophenol
Concen: 10.902 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:330 Resp: 31262

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	77.5	28.3	42.5#



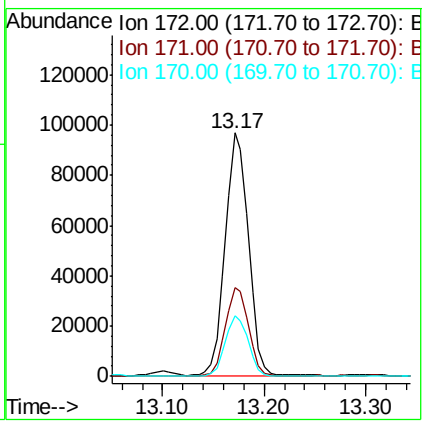


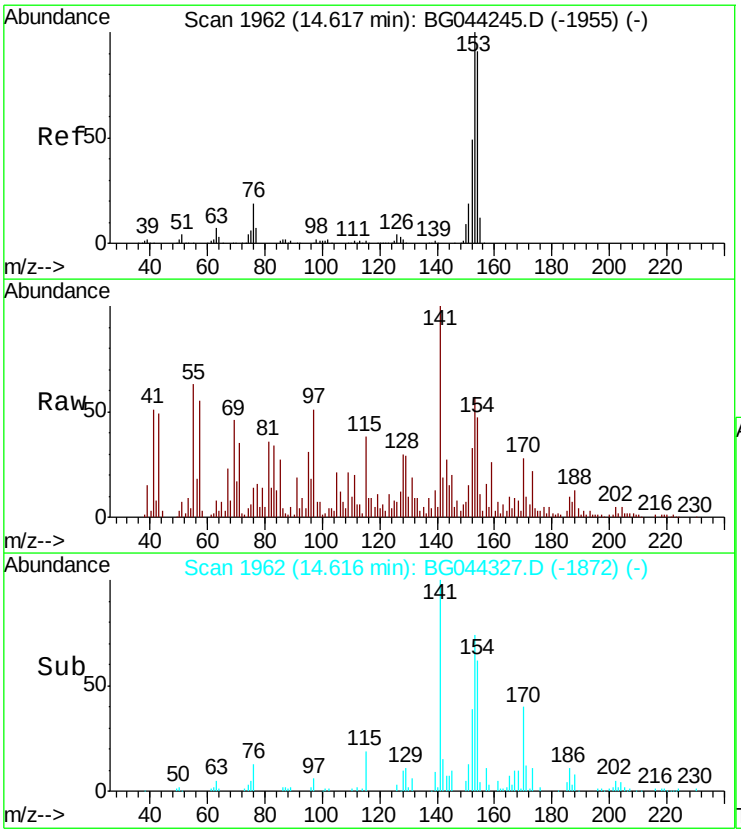
#45
2-Fluorobiphenyl
Concen: 10.567 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:172 Resp: 154133

Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.9	49.3
170	25.0	22.0	33.0

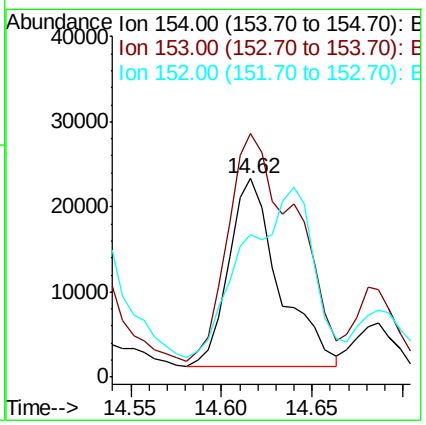


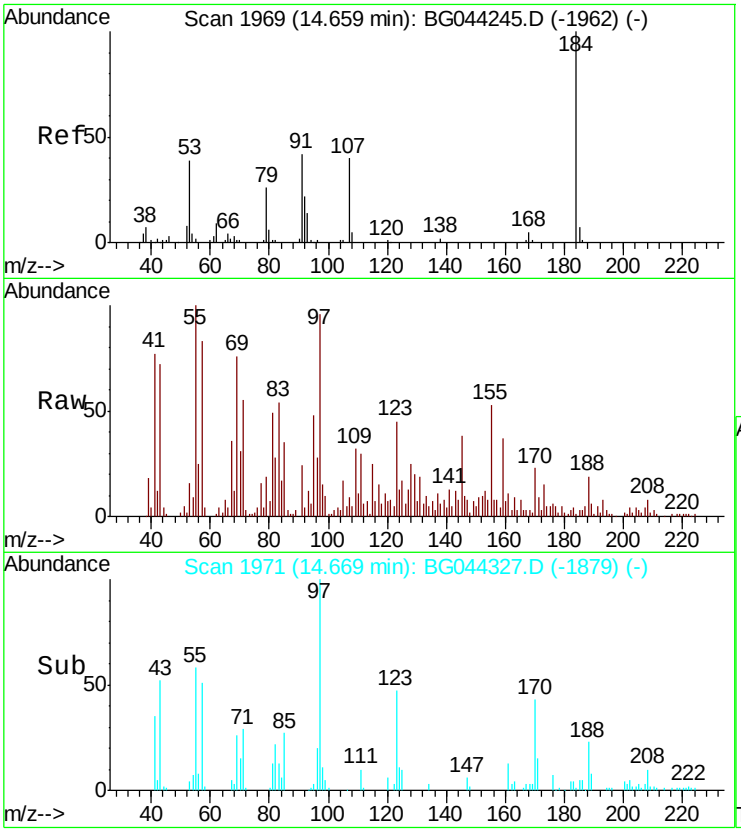


#52
Acenaphthene
Concen: 3.222 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:154 Resp: 42944

Ion	Ratio	Lower	Upper
154	100		
153	122.6	87.9	131.9
152	71.5	43.1	64.7#



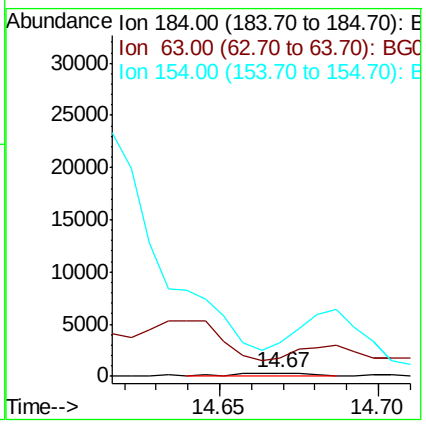


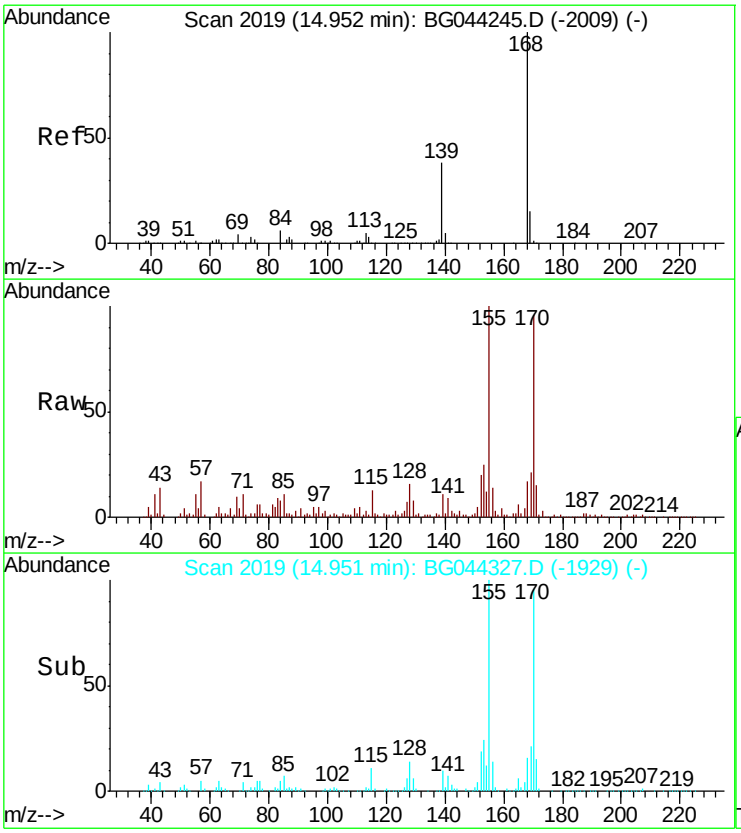
#54
2,4-Dinitrophenol
Concen: 7.823 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:184 Resp: 508

Ion	Ratio	Lower	Upper
184	100		
63	600.7	44.1	66.1#
154	1063.2	45.4	68.0#

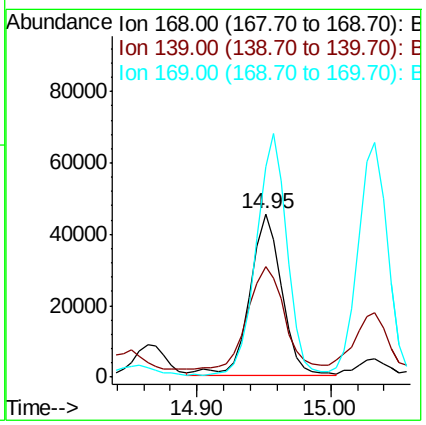


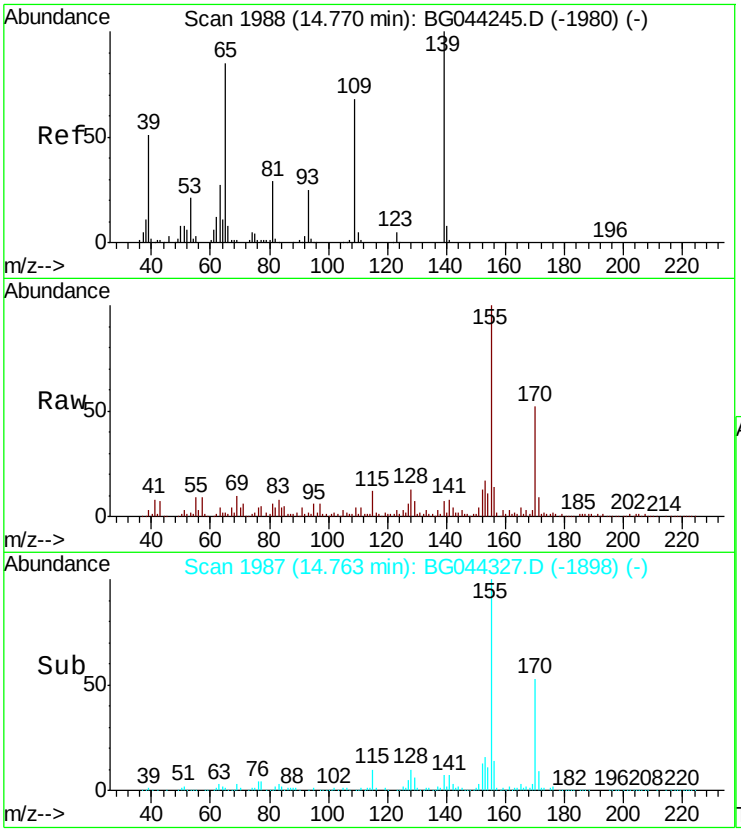


#55
Dibenzofuran
Concen: 3.644 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:168 Resp: 73547

Ion	Ratio	Lower	Upper
168	100		
139	67.8	30.5	45.7#
169	129.2	11.7	17.5#



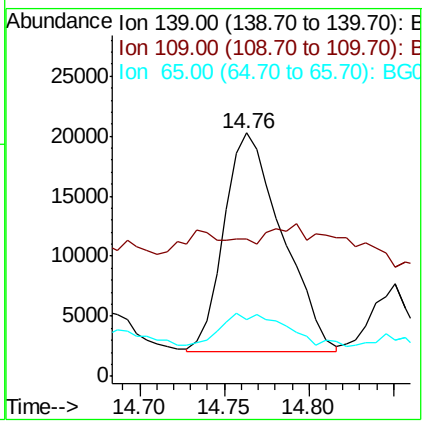


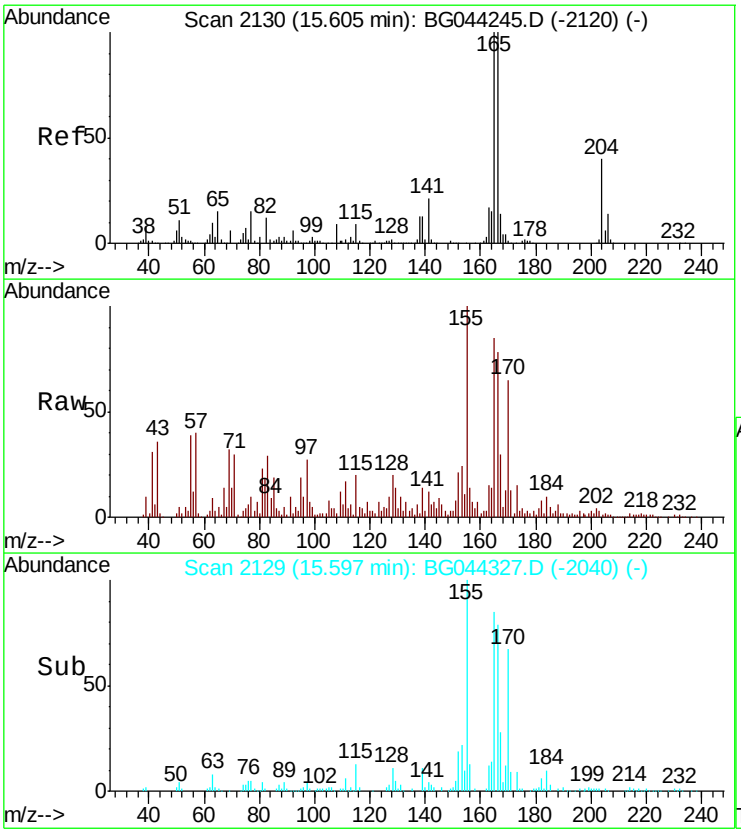
#56
4-Nitrophenol
Concen: 13.681 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:139 Resp: 43406

Ion	Ratio	Lower	Upper
139	100		
109	56.5	47.5	87.5
65	23.2	64.9	104.9#

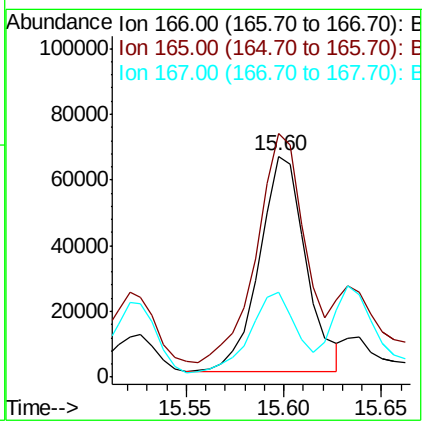


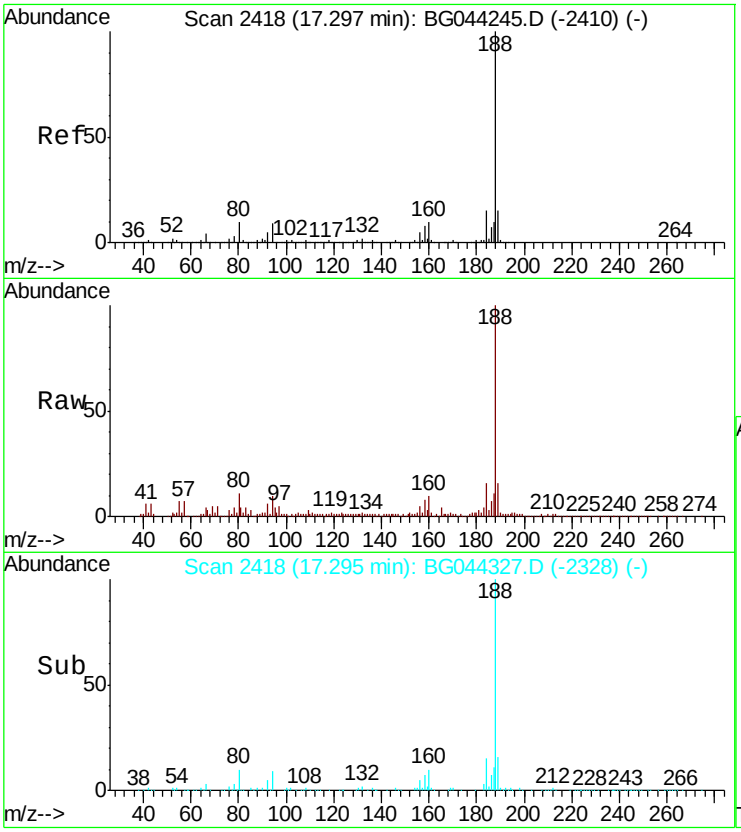


#58
Fluorene
Concen: 6.852 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:166 Resp: 108913

Ion	Ratio	Lower	Upper
166	100		
165	110.1	79.9	119.9
167	38.4	11.4	17.0#



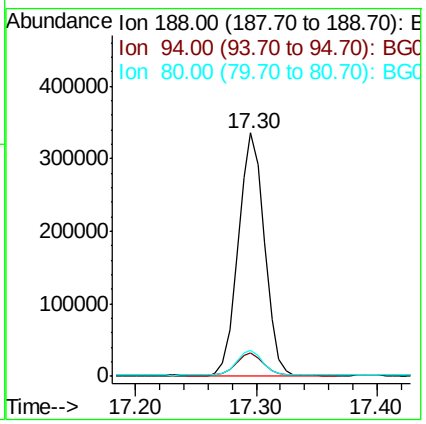


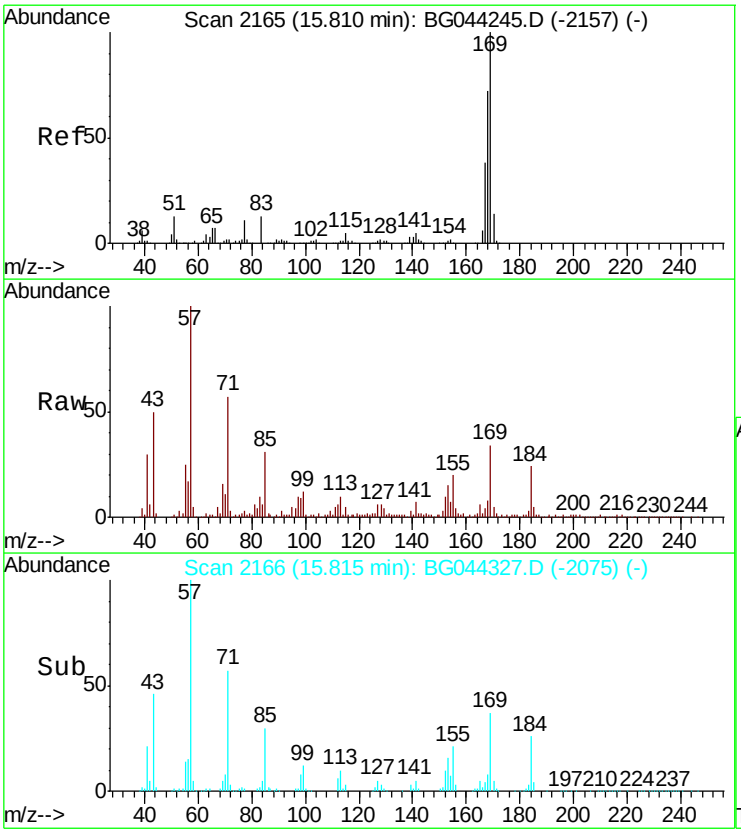
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:188 Resp: 510239

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.7	7.7	11.5

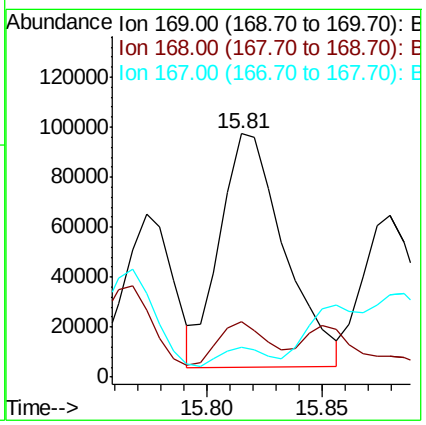


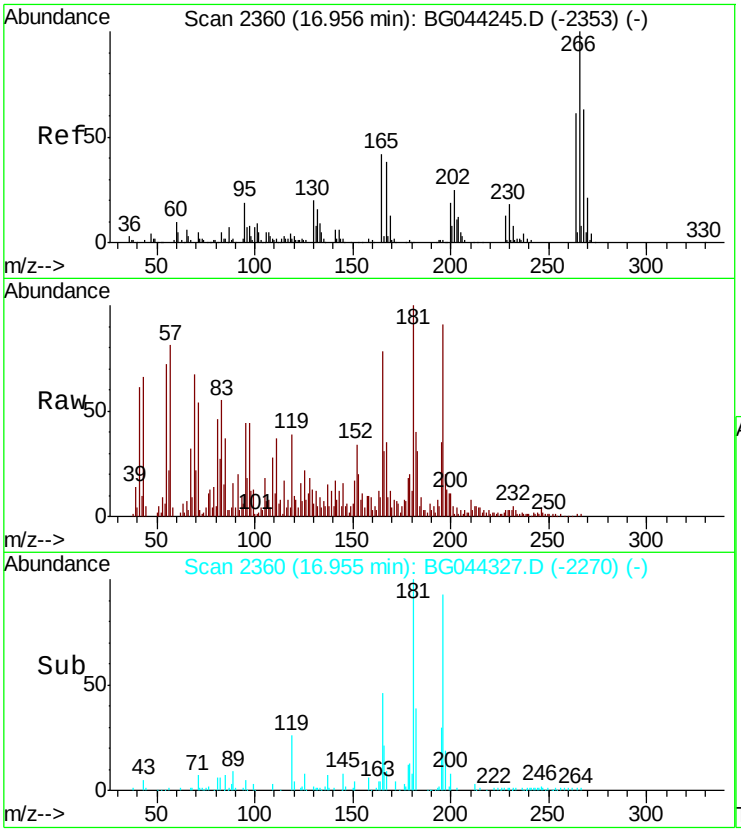


#66
n-Nitrosodiphenylamine
Concen: 12.704 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:169 Resp: 181654

Ion	Ratio	Lower	Upper
169	100		
168	22.7	57.9	86.9#
167	12.4	30.7	46.1#



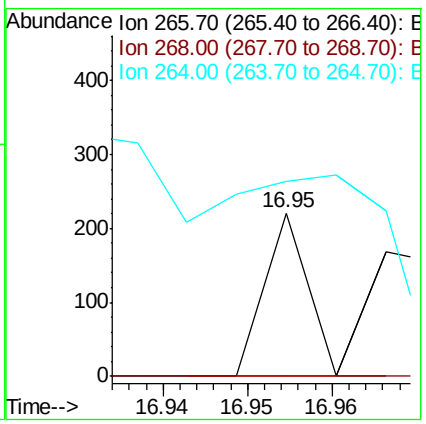


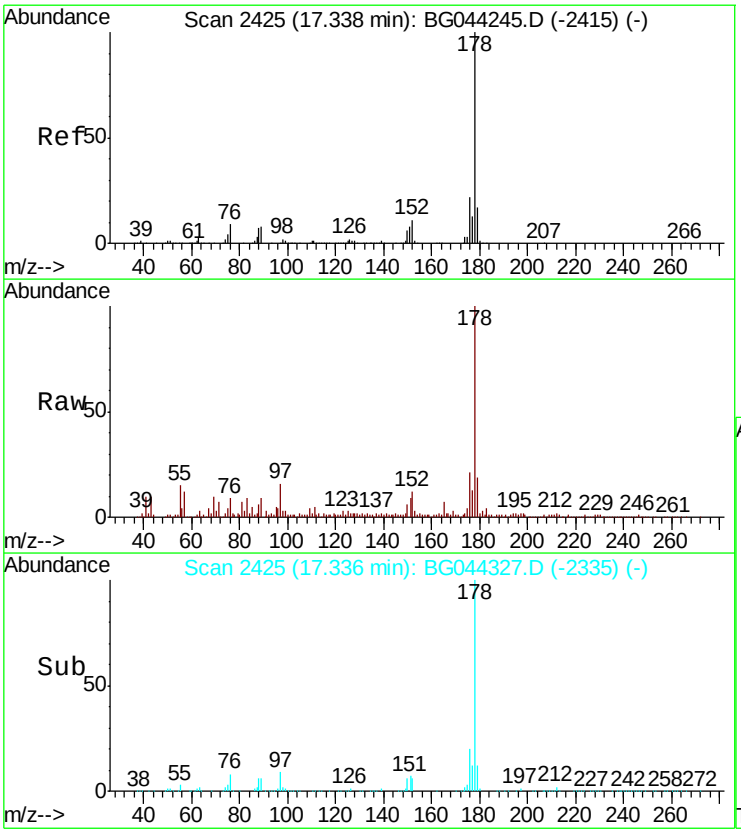
#70
Pentachlorophenol
Concen: 3.166 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:266 Resp: 78

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.6	75.8#
264	119.5	48.7	73.1#

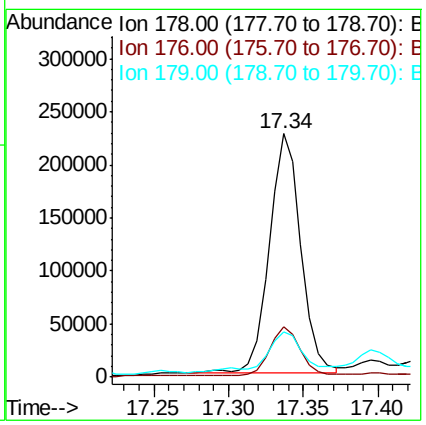


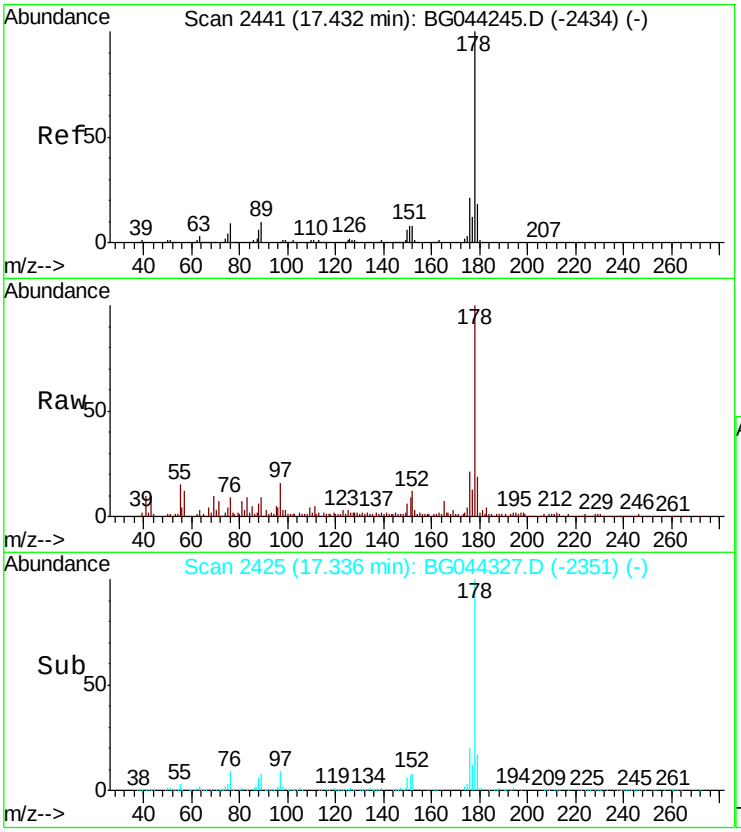


#71
Phenanthrene
Concen: 13.414 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:178 Resp: 331432

Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.7	26.5
179	18.7	13.7	20.5



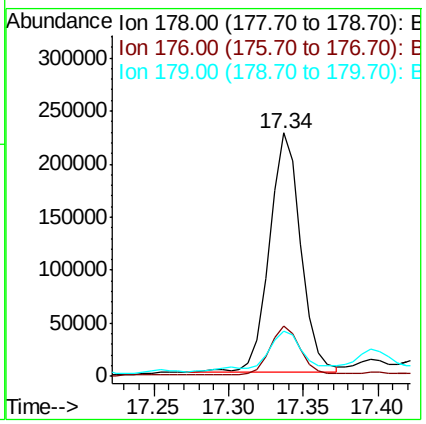


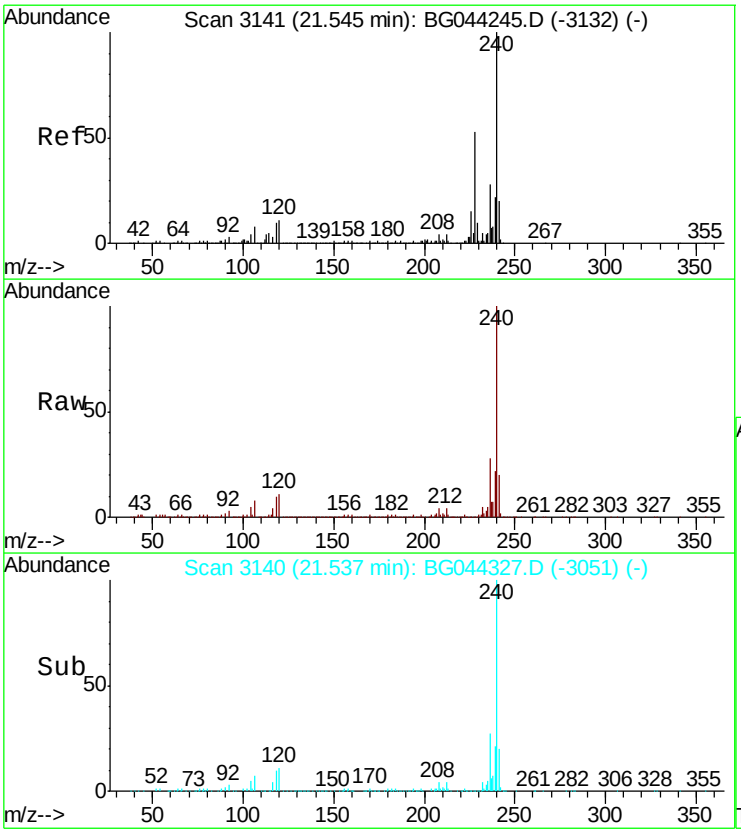
#72
Anthracene
Concen: 13.568 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.10 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:178 Resp: 331432

Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.0	25.4
179	18.7	14.4	21.6

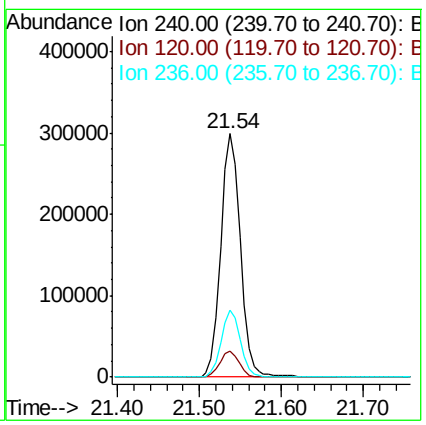


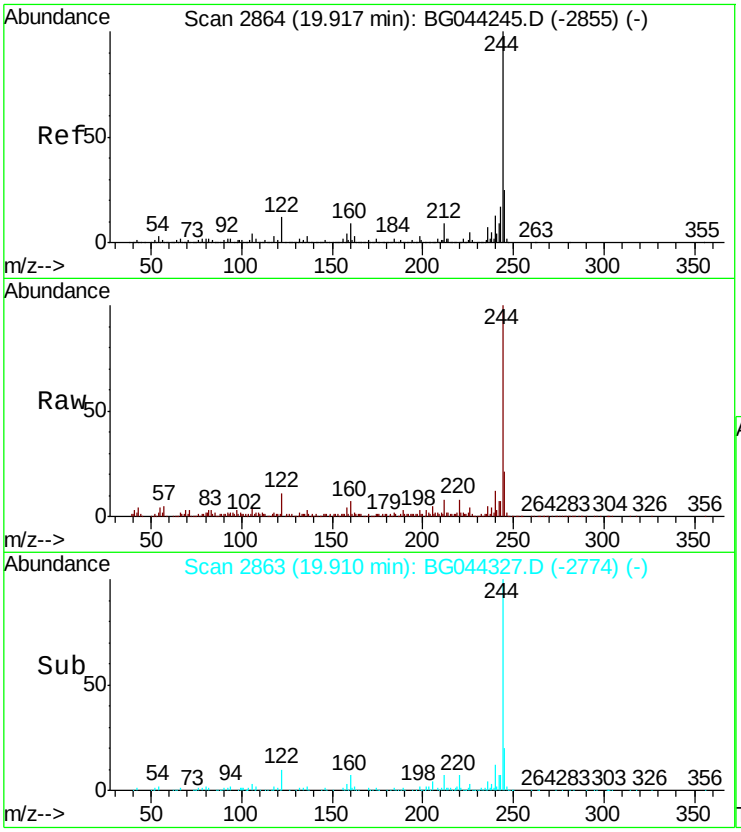


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:240 Resp: 500230

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	27.5	22.1	33.1



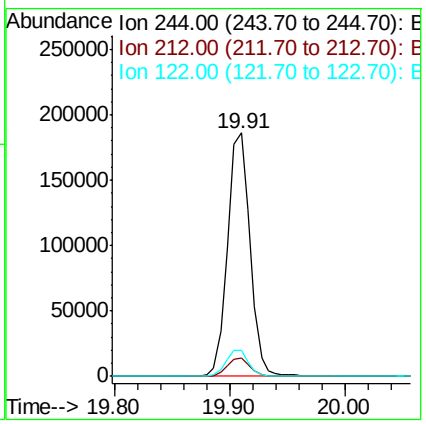


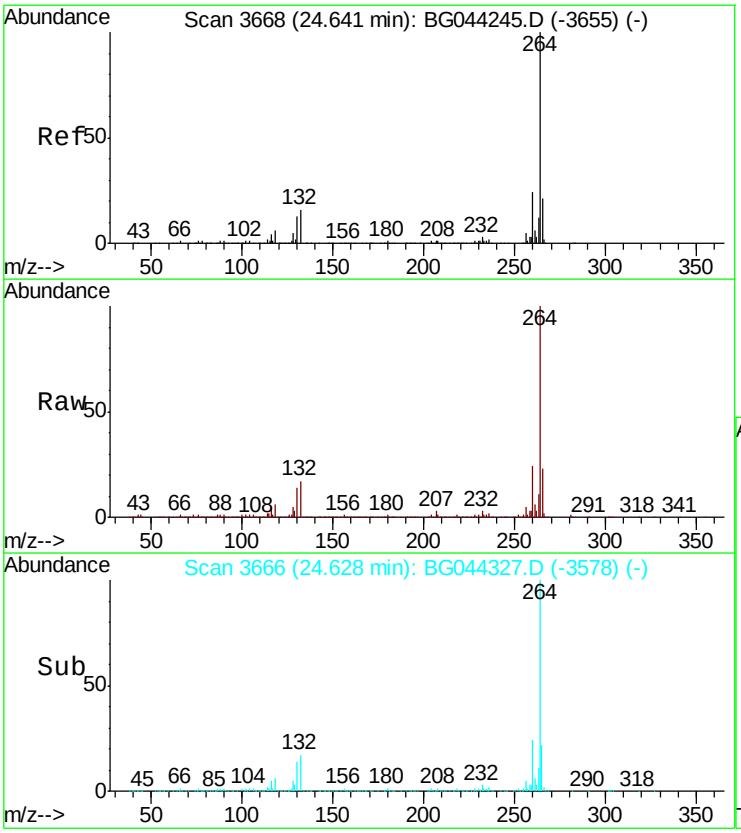
#79
Terphenyl-d14
Concen: 10.304 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Instrument :
BNA_G
ClientSampleId :
SB-1DL

Tgt Ion:244 Resp: 250582

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.2
122	10.7	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG044327.D
Acq: 6 Feb 2020 17:54

Tgt Ion:264 Resp: 560743

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.5	16.7	25.1