Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044538.D
Acq On : 21 Feb 2020 2:27
Operator : CG/JU
Sample : PB126886BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 21 06:52:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	60273	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	242723	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	158812	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	354592	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	376022	20.00	ng	-0.03
87) Perylene-d12	24.58	264	399984	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	250484	73.34	ng	-0.02
7) Phenol-d6	7.06	99	204616	44.62	ng	-0.02
23) Nitrobenzene-d5	9.04	82	407488	94.78	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	274095	147.02	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	957637	100.98	ng	-0.02
79) Terphenyl-d14	19.88	244	1612443	88.20	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.20	79	6589	2.029	ng	# 42
19) n-Nitroso-di-n-propylamine	9.04	70	51835	16.959	ng	# 78
50) Dimethylphthalate	13.98	163	26507	2.322	ng	# 97
51) 2,6-Dinitrotoluene	14.52	165	20769	8.160	ng	# 29
57) 2,4-Dinitrotoluene	14.52	165	20769	5.822	ng	# 27
67) 4-Bromophenyl-phenylether	16.01	248	18703	4.841	ng	# 1
77) Benzidine	19.88	184	24849	2.382	ng	# 90

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Feb 2020 2:27
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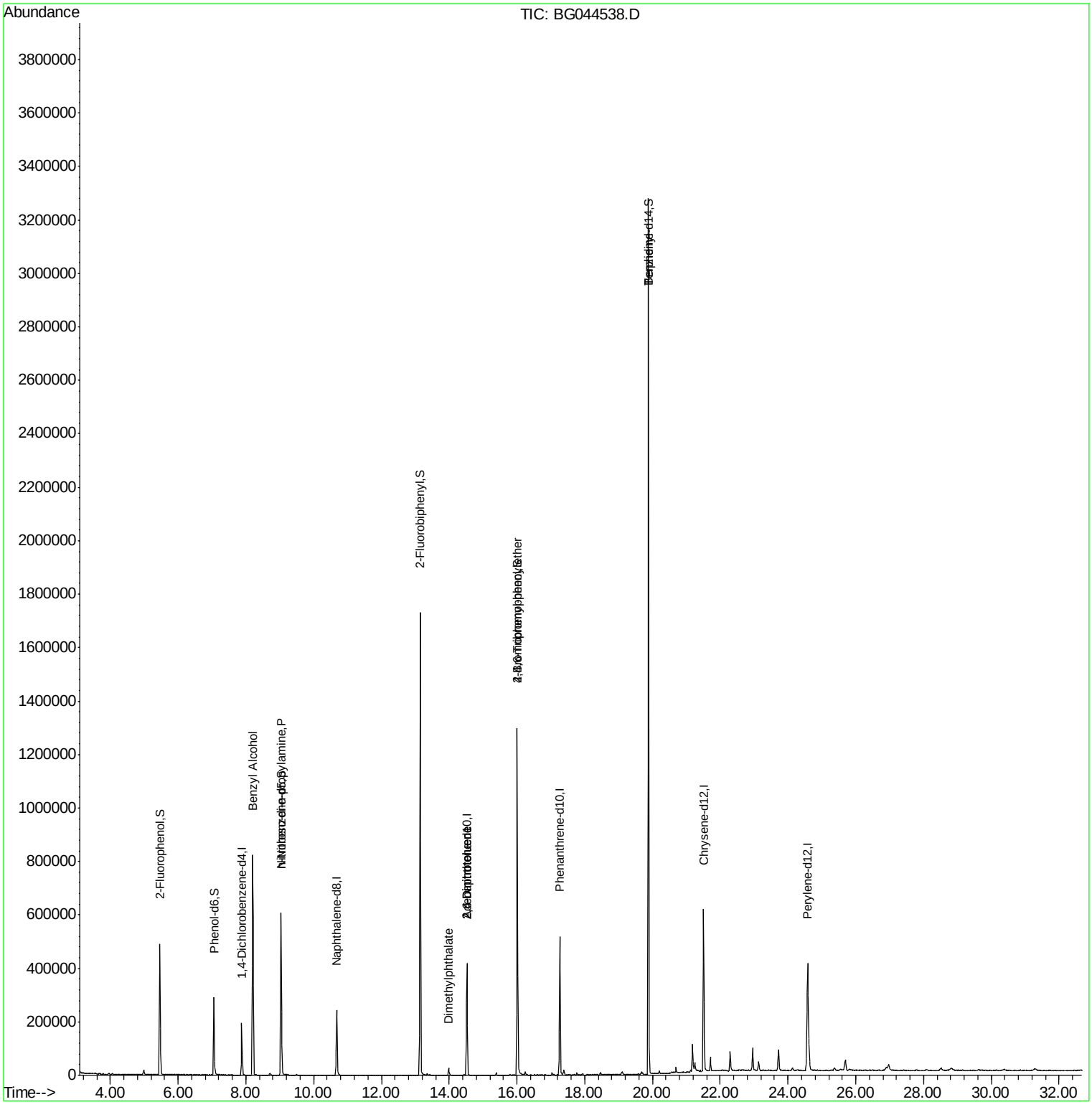
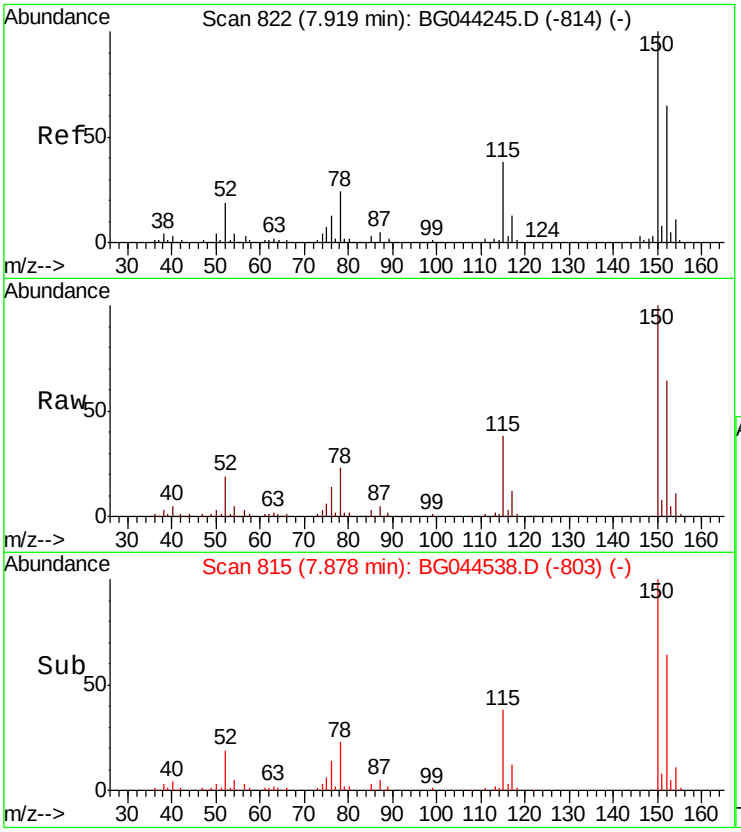


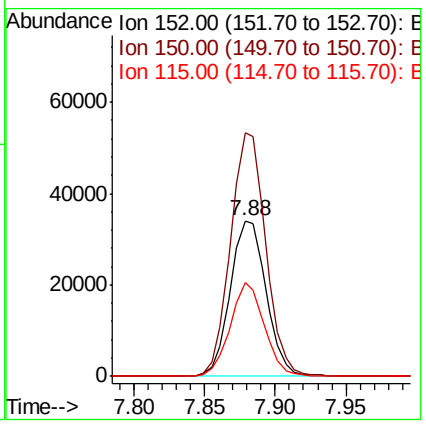


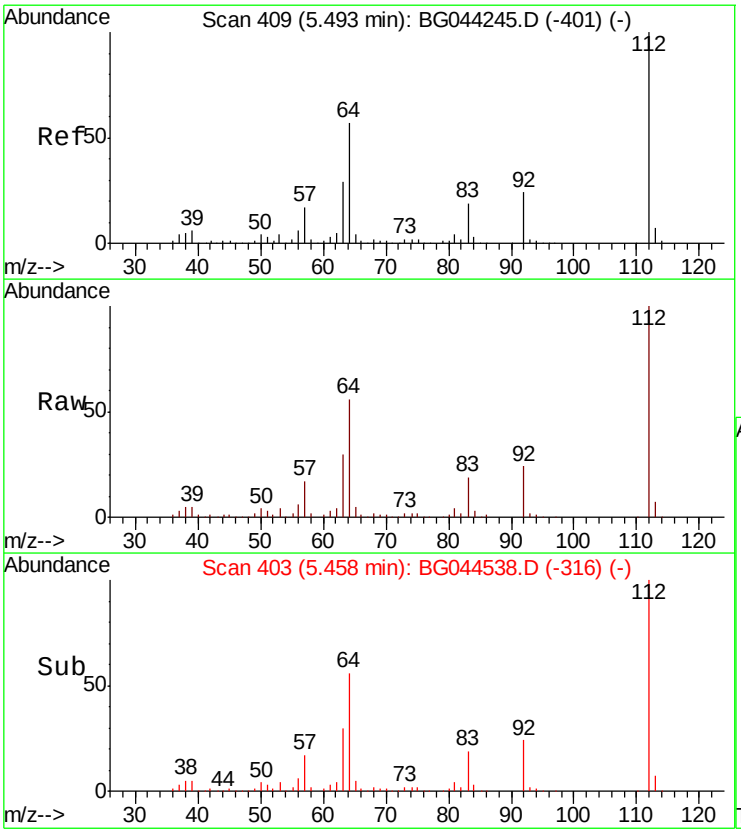
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 60273

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.6	183.8
115	60.2	46.0	69.0

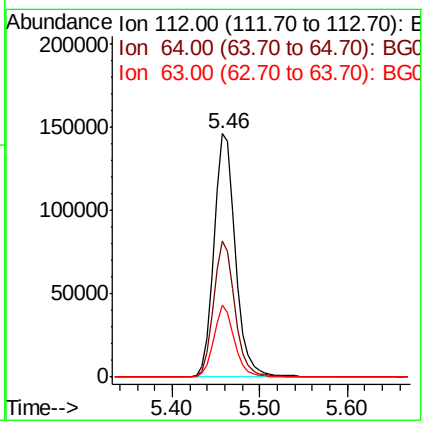


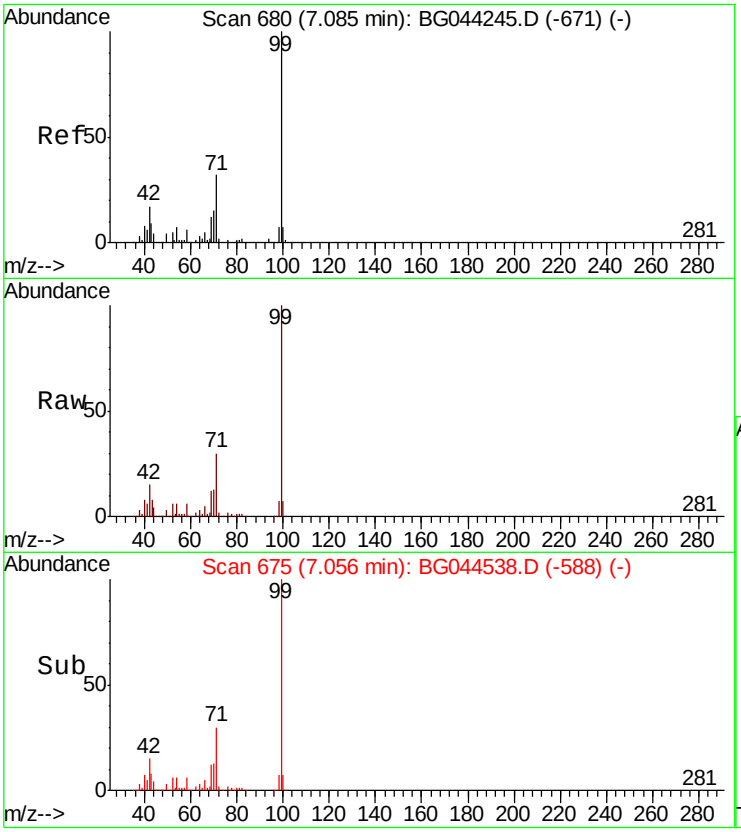


#5
2-Fluorophenol
Concen: 73.344 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:112 Resp: 250484

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.4	68.2
63	29.5	22.9	34.3



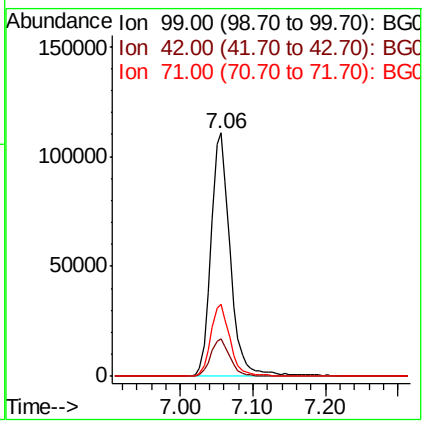


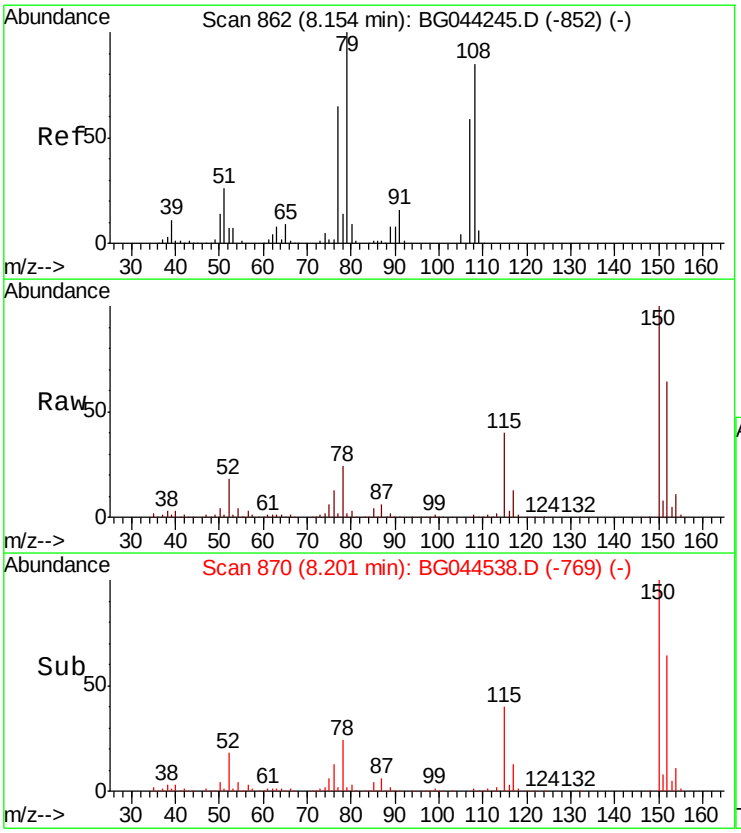
#7
Phenol-d6
Concen: 44.616 ng
RT: 7.06 min Scan# 675
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 204616

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.8	20.6
71	29.6	25.5	38.3

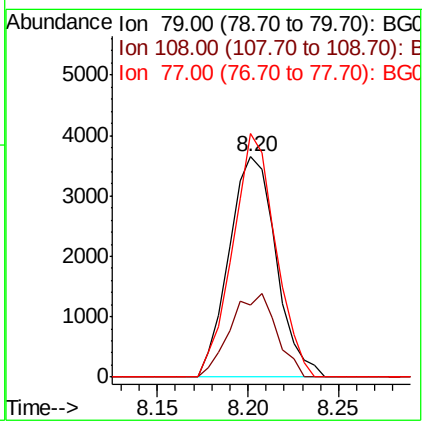


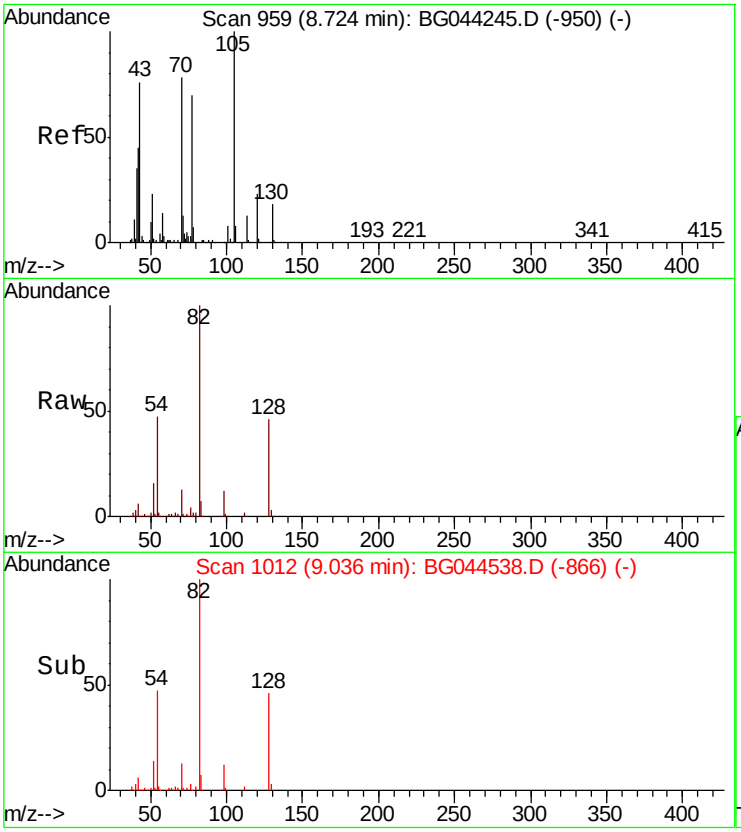


#15
Benzyl Alcohol
Concen: 2.029 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.06 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion: 79 Resp: 6589

Ion	Ratio	Lower	Upper
79	100		
108	32.8	68.3	102.5#
77	110.5	51.8	77.8#



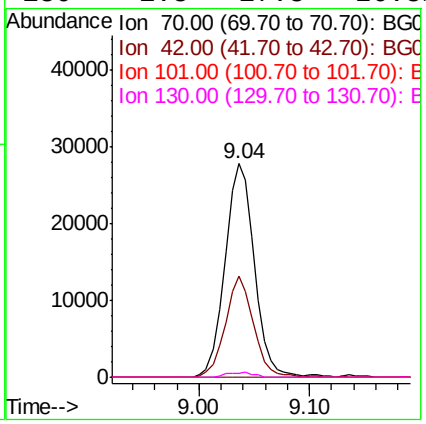


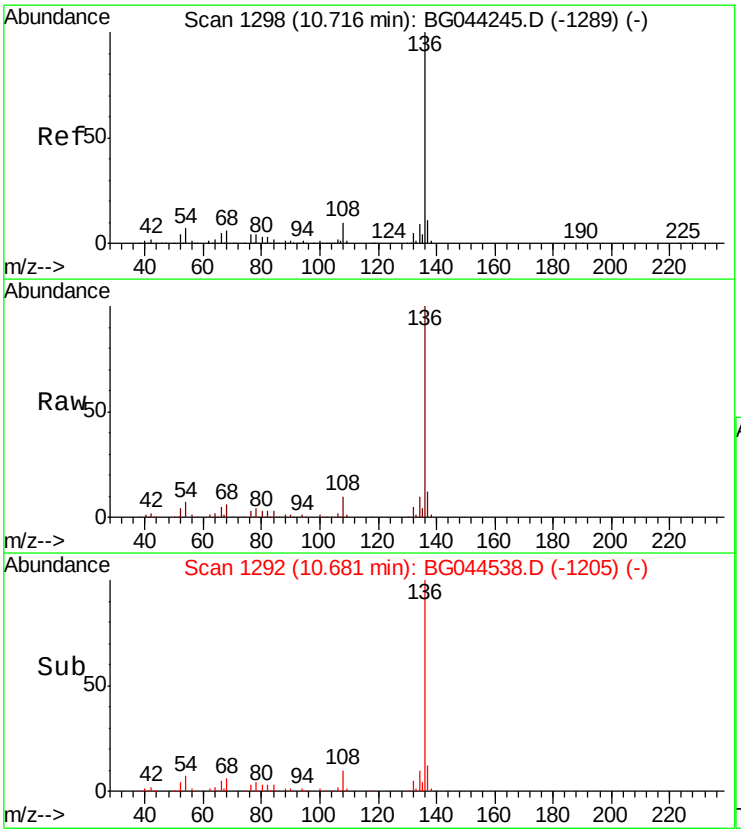
#19
n-Nitroso-di-n-propylamine
Concen: 16.959 ng
RT: 9.04 min Scan# 1012
Delta R.T. 0.33 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 51835

Ion	Ratio	Lower	Upper
70	100		
42	47.6	46.2	69.2
101	0.0	8.4	12.6#
130	1.8	17.8	26.8#

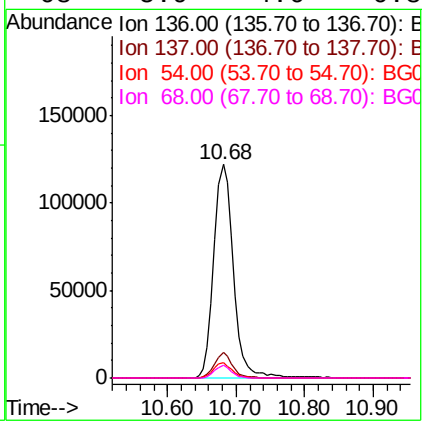


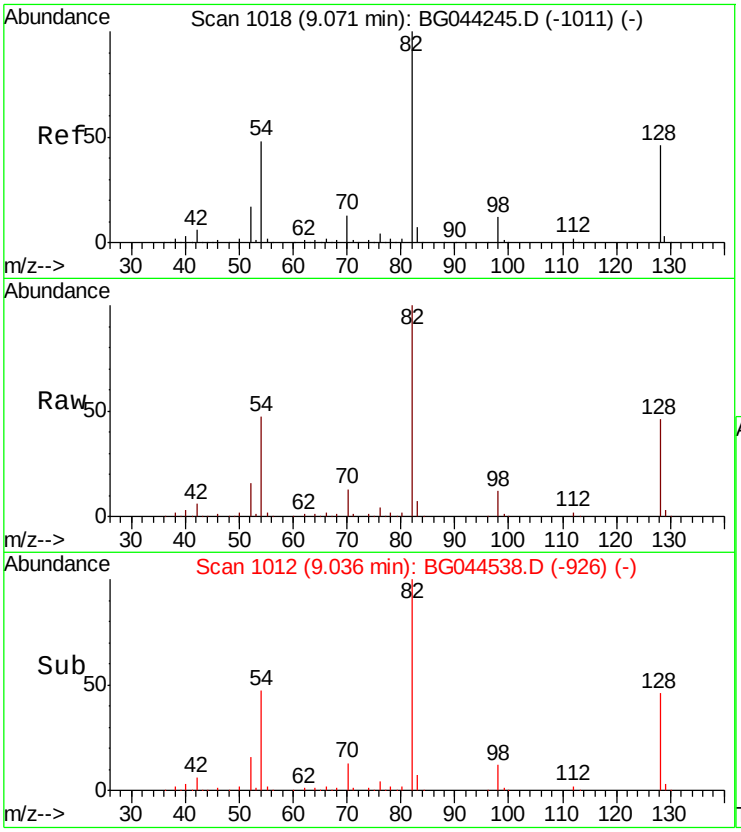


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:136 Resp: 242723

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.3	5.8	8.8
68	5.9	4.6	6.8



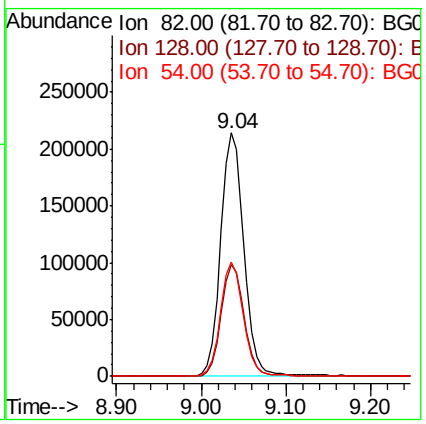


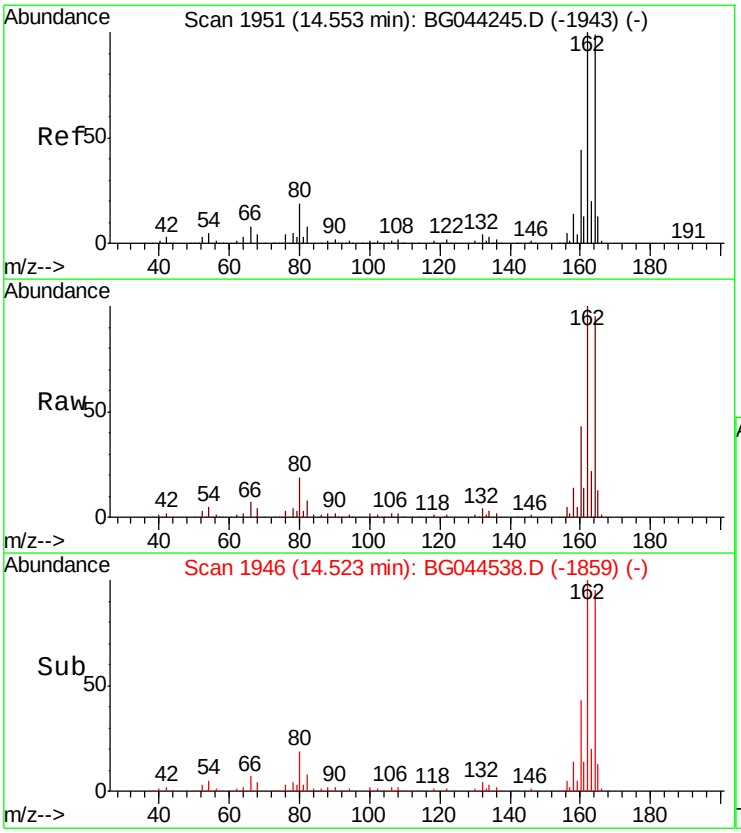
#23
Nitrobenzene-d5
Concen: 94.780 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 407488

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	47.0	38.6	58.0

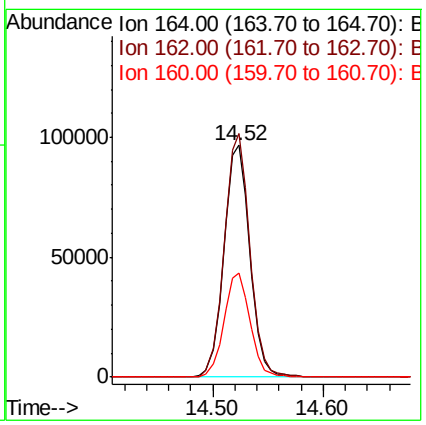


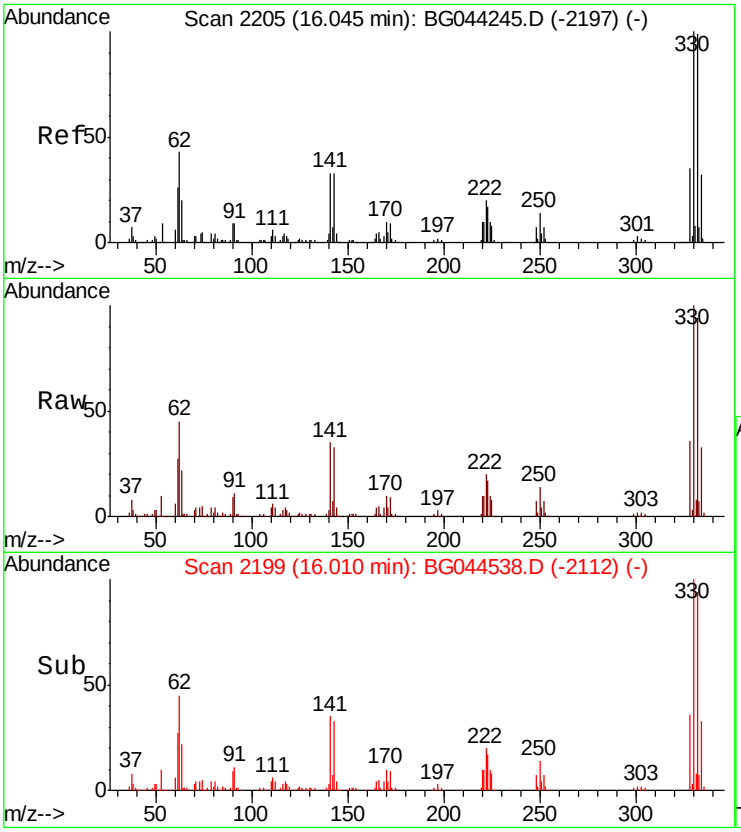


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:164 Resp: 158812

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.7	121.1
160	44.9	35.3	52.9



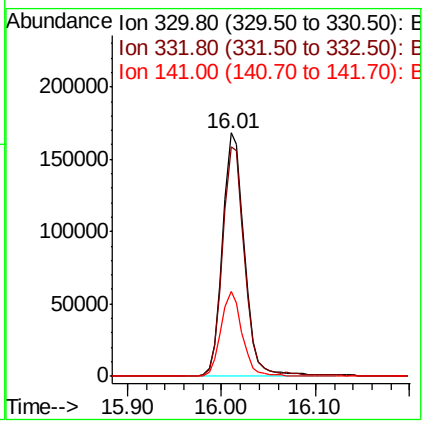


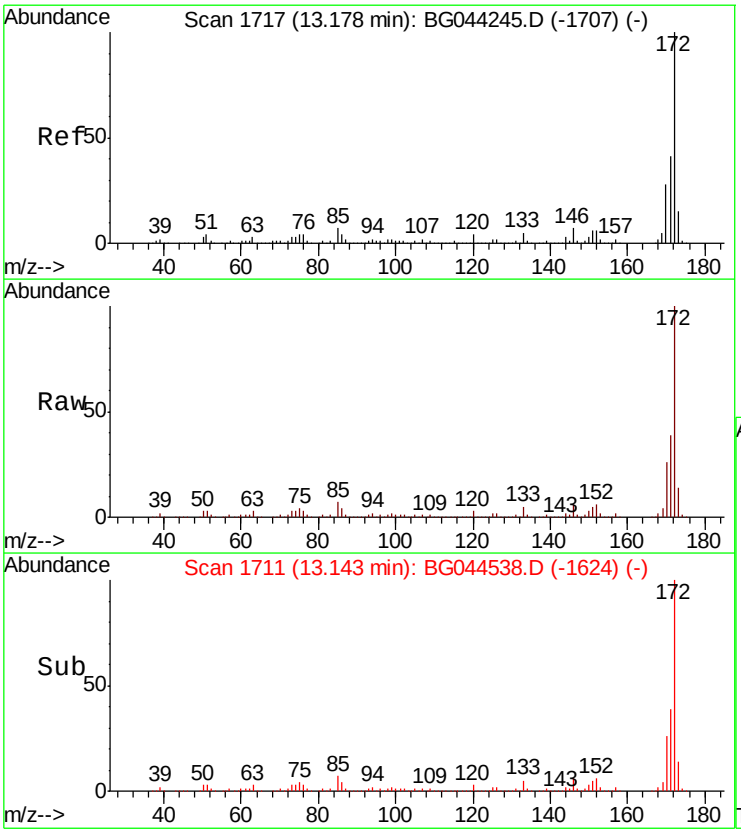
#42
2,4,6-Tribromophenol
Concen: 147.018 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 274095

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	34.0	28.3	42.5

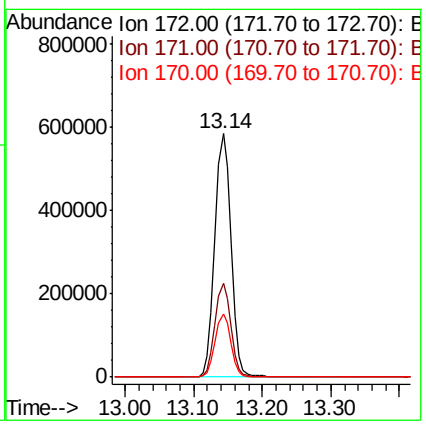


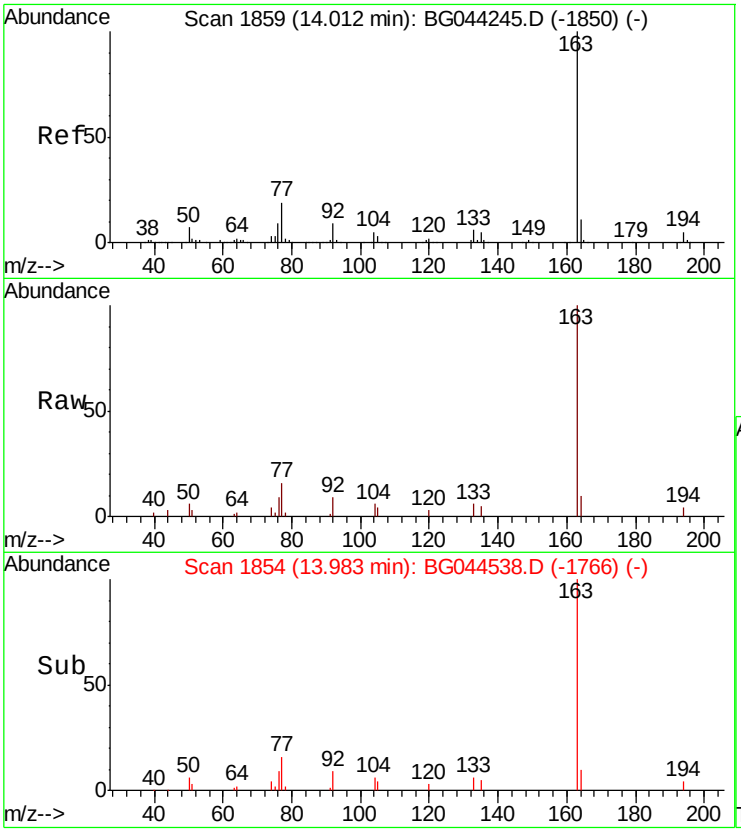


#45
2-Fluorobiphenyl
Concen: 100.976 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:172 Resp: 957637

Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.9	49.3
170	26.0	22.0	33.0



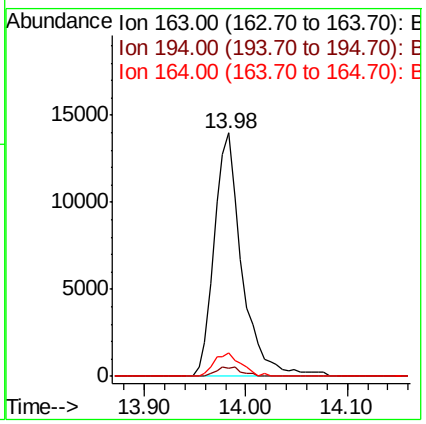


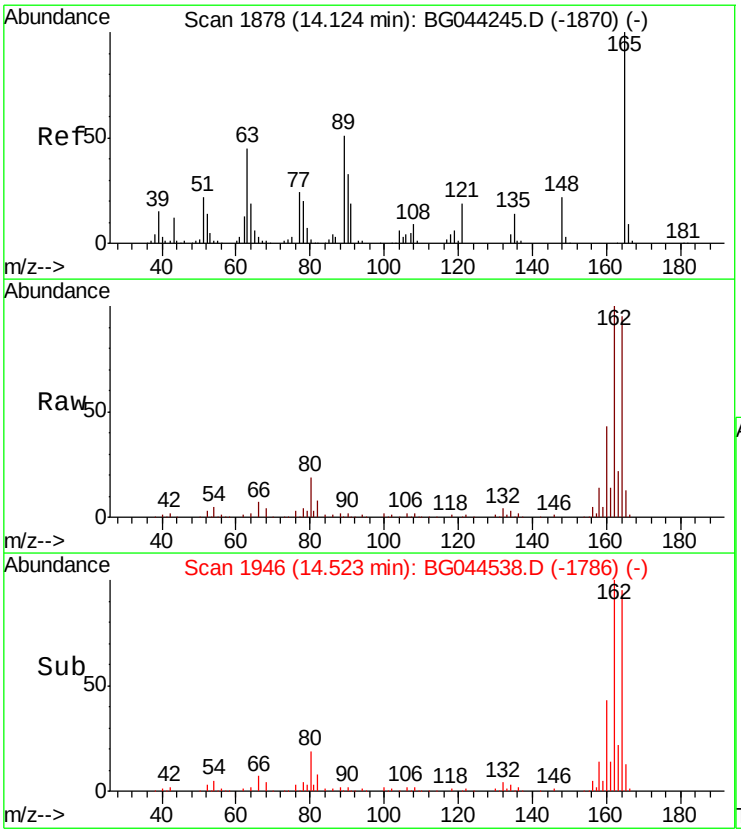
#50
Dimethylphthalate
Concen: 2.322 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 26507

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	9.8	8.7	13.1

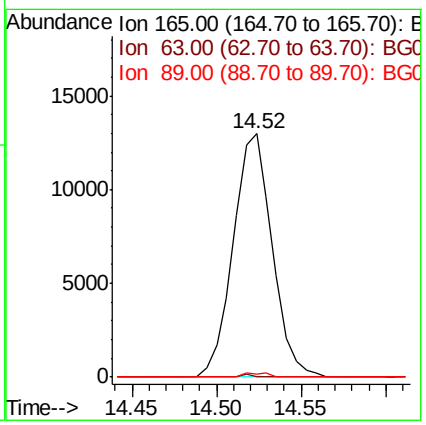


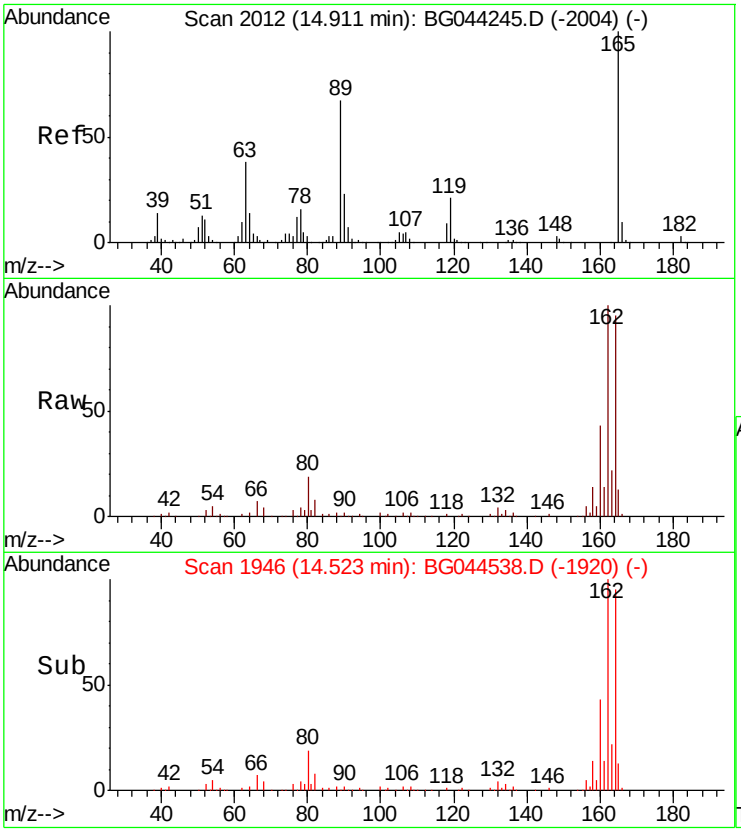


#51
2,6-Dinitrotoluene
Concen: 8.160 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.41 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:165 Resp: 20769

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	1.2	40.4	60.6#



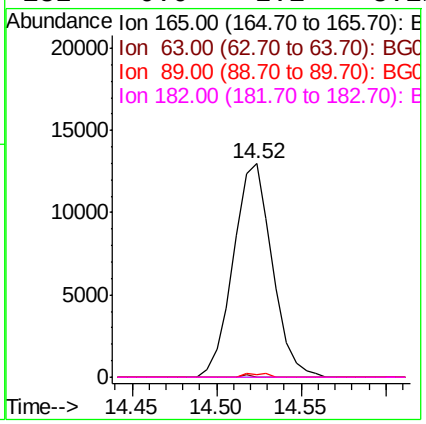


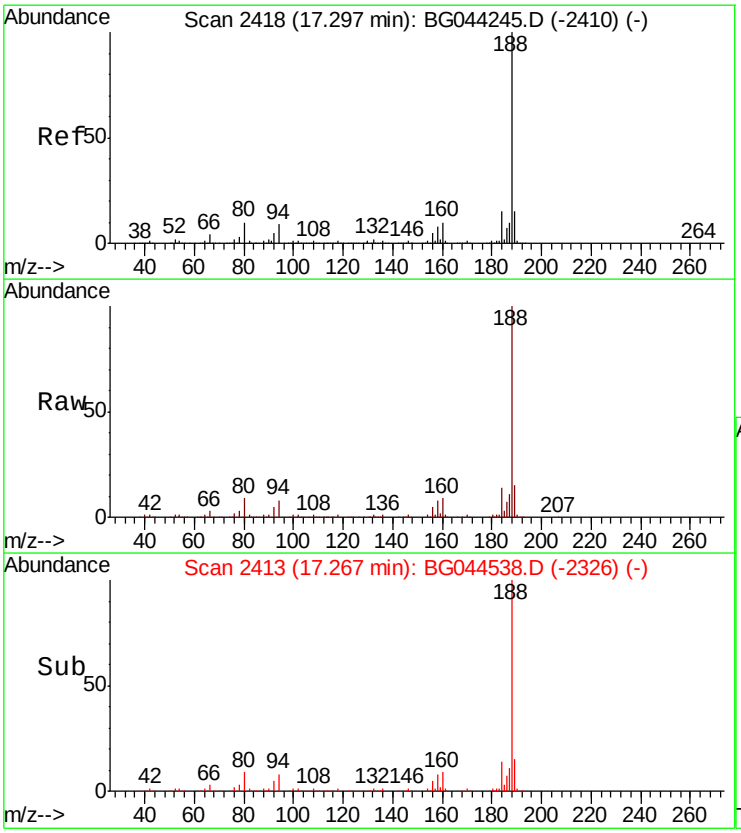
#57
2,4-Dinitrotoluene
Concen: 5.822 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.38 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20769

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	1.2	53.4	80.2#
182	0.0	2.1	3.1#

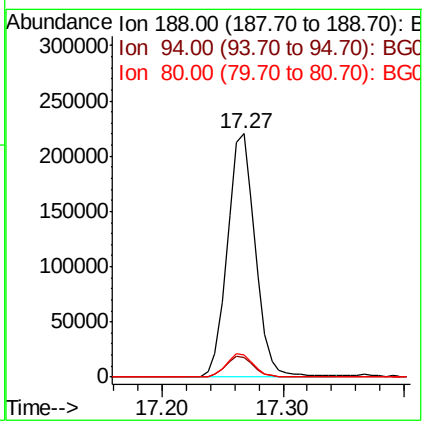


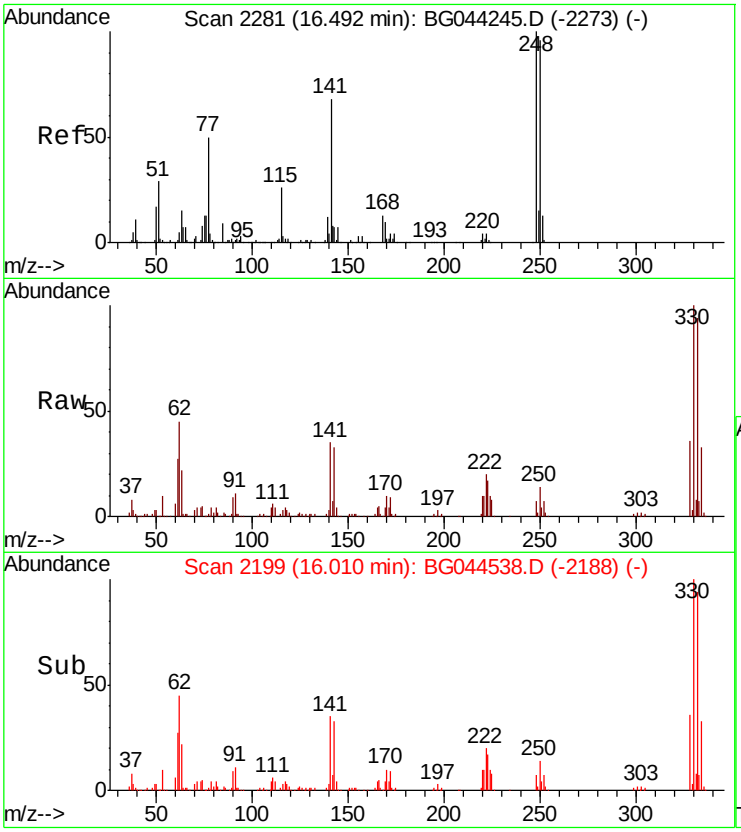


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:188 Resp: 354592

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	8.9	7.7	11.5



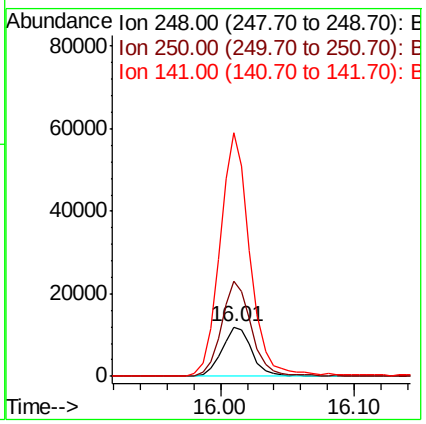


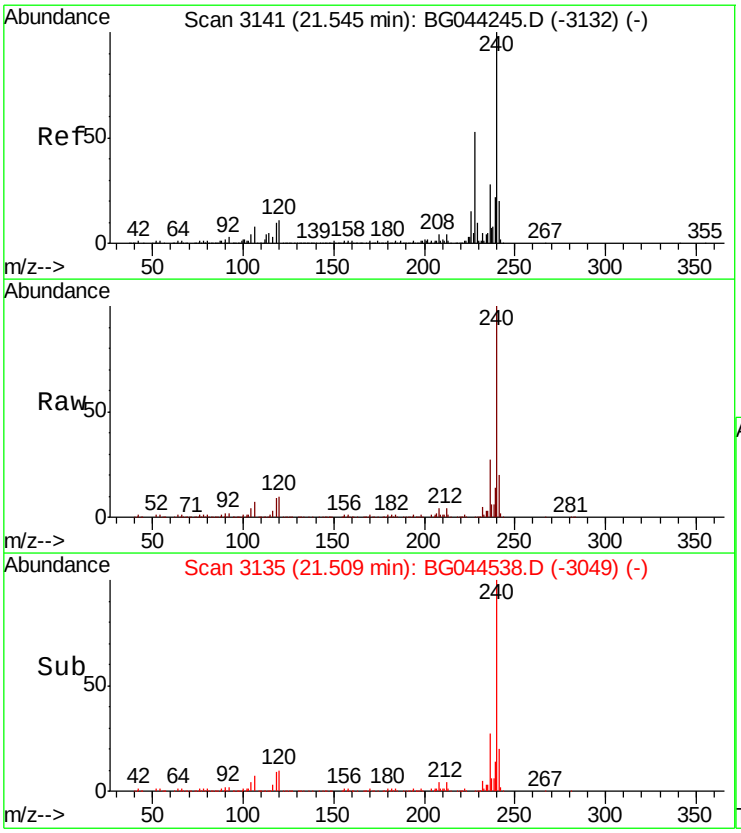
#67
4-Bromophenyl-phenylether
Concen: 4.841 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.47 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18703

Ion	Ratio	Lower	Upper
248	100		
250	193.7	76.6	114.8#
141	493.0	54.7	82.1#

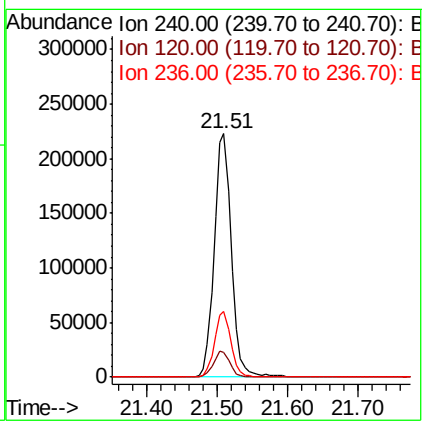


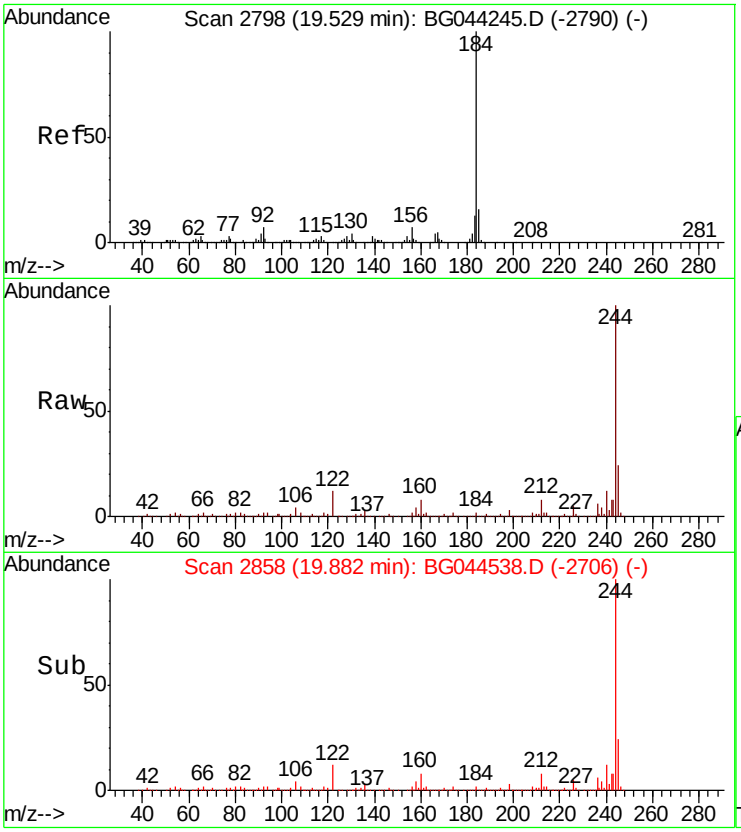


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.03 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:240 Resp: 376022

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	27.0	22.1	33.1



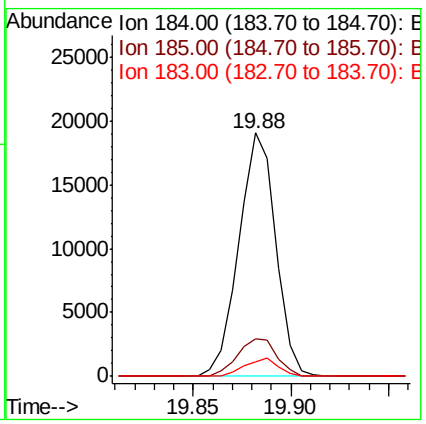


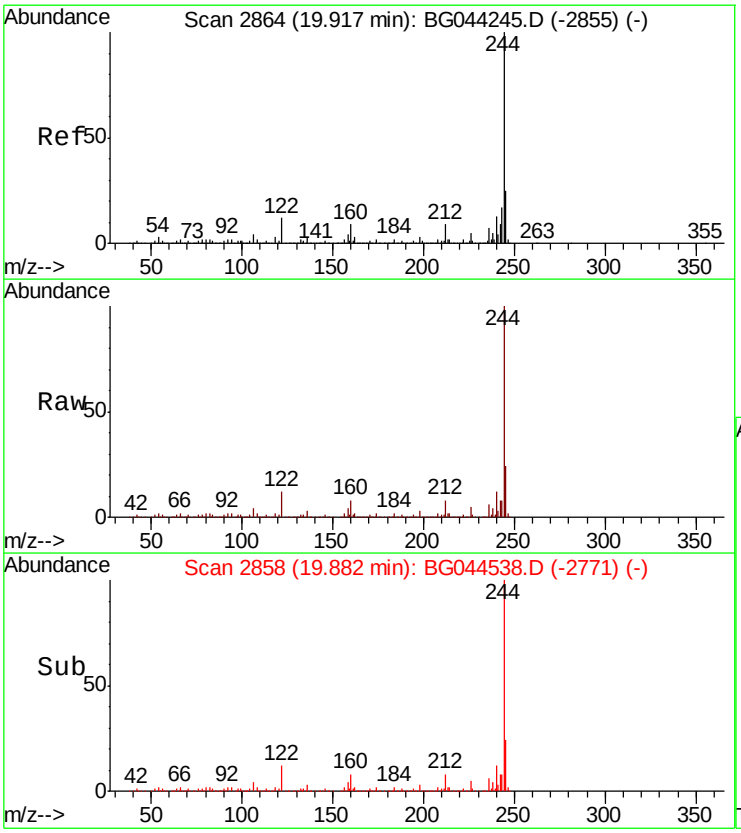
#77
Benzidine
Concen: 2.382 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24849

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.9	19.3
183	6.0	10.8	16.2#

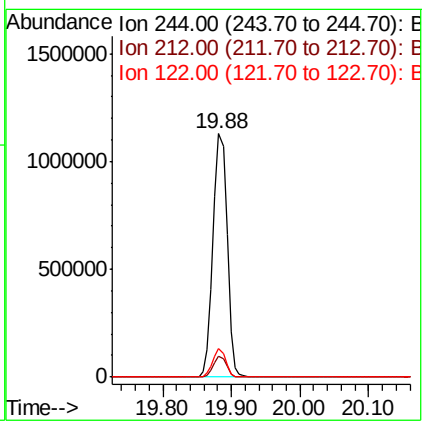


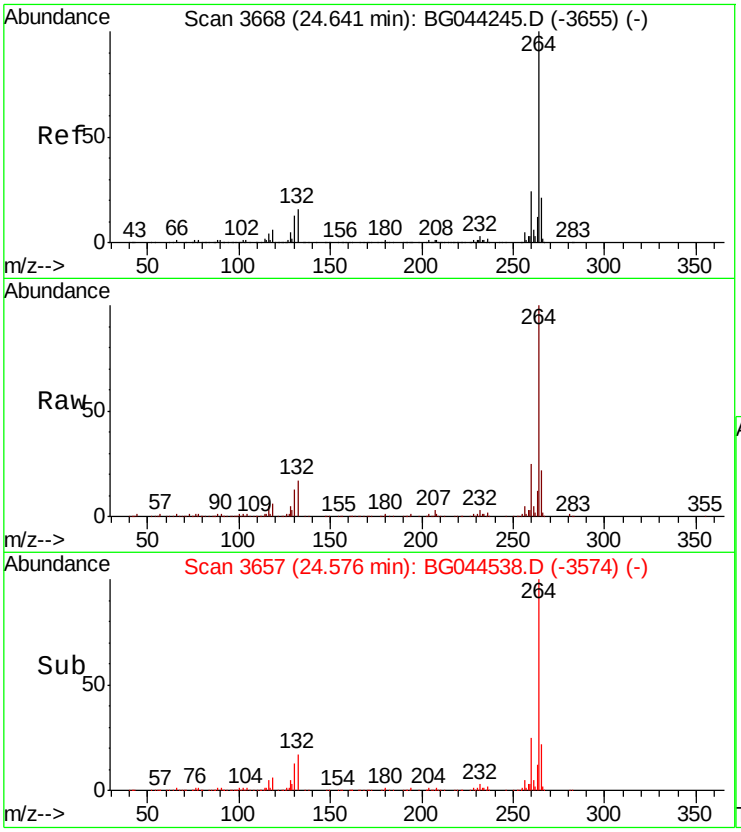


#79
Terphenyl-d14
Concen: 88.202 ng
RT: 19.88 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion:244 Resp: 1612443

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.7	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3657
Delta R.T. -0.04 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 399984

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.4	16.7	25.1