Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044293.D
Acq On : 4 Feb 2020 23:12
Operator : CG/JU
Sample : L1360-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 05 04:40:05 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	7.92	152	99649	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	402166	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	267033	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	601495	20.00	ng	0.00
76) Chrysene-d12	21.54	240	534274	20.00	ng	0.00
87) Perylene-d12	24.64	264	598223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	873655	154.73	ng	0.00
7) Phenol-d6	7.09	99	1144980	151.01	ng	0.00
23) Nitrobenzene-d5	9.07	82	706653	99.20	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	487571	155.53	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1564888	98.13	ng	0.00
79) Terphenyl-d14	19.91	244	2339878	90.08	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.24	79	11518	2.146	ng	# 48
19) n-Nitroso-di-n-propylamine	9.07	70	92673	18.340	ng	# 76
50) Dimethylphthalate	14.00	163	66704	3.475	ng	# 98
51) 2,6-Dinitrotoluene	14.55	165	35654	8.331	ng	# 30
57) 2,4-Dinitrotoluene	14.55	165	35654	5.944	ng	# 28
67) 4-Bromophenyl-phenylether	16.04	248	34284	5.232	ng	# 1
77) Benzidine	19.91	184	42593	2.874	ng	# 90

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

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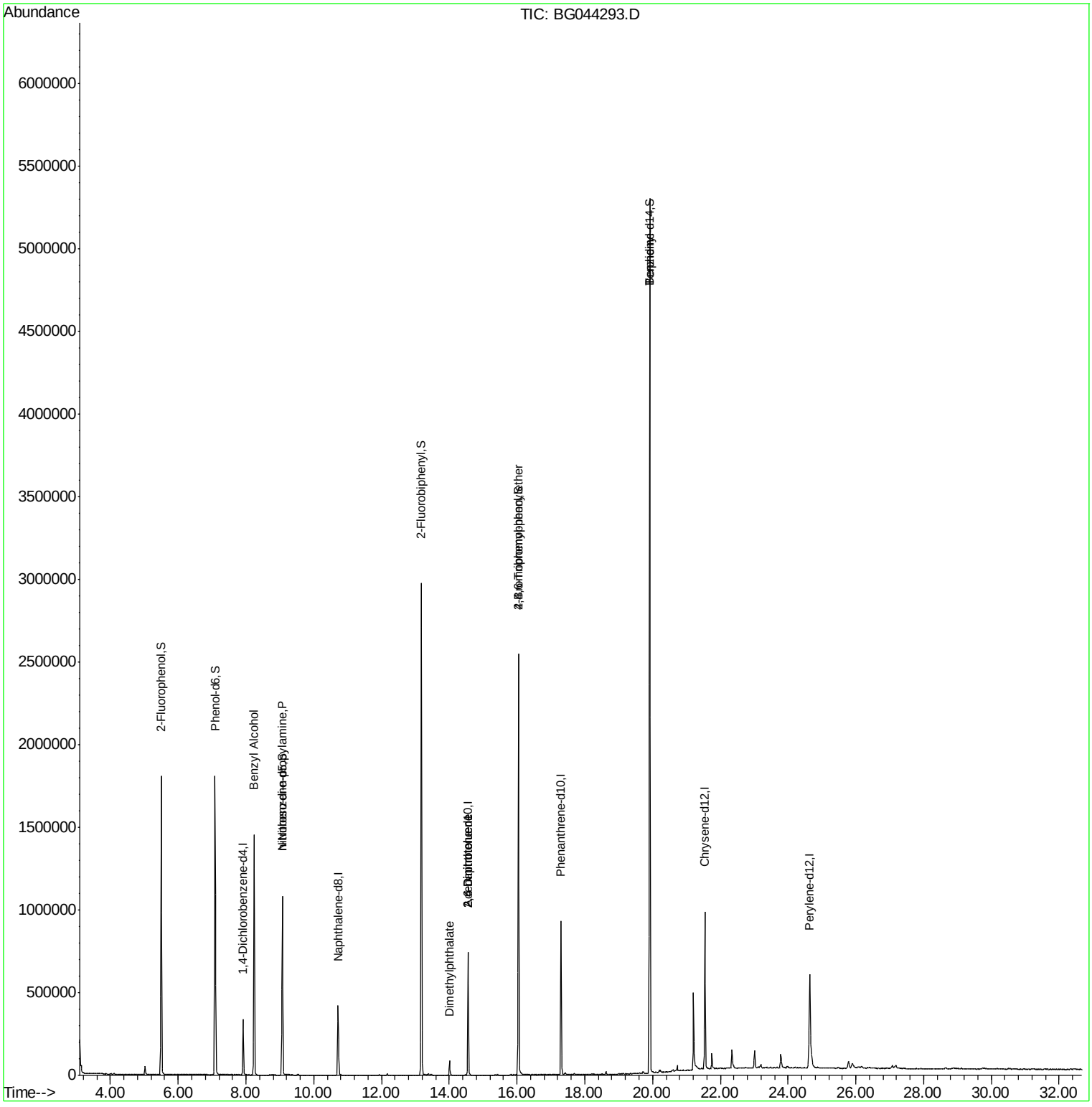
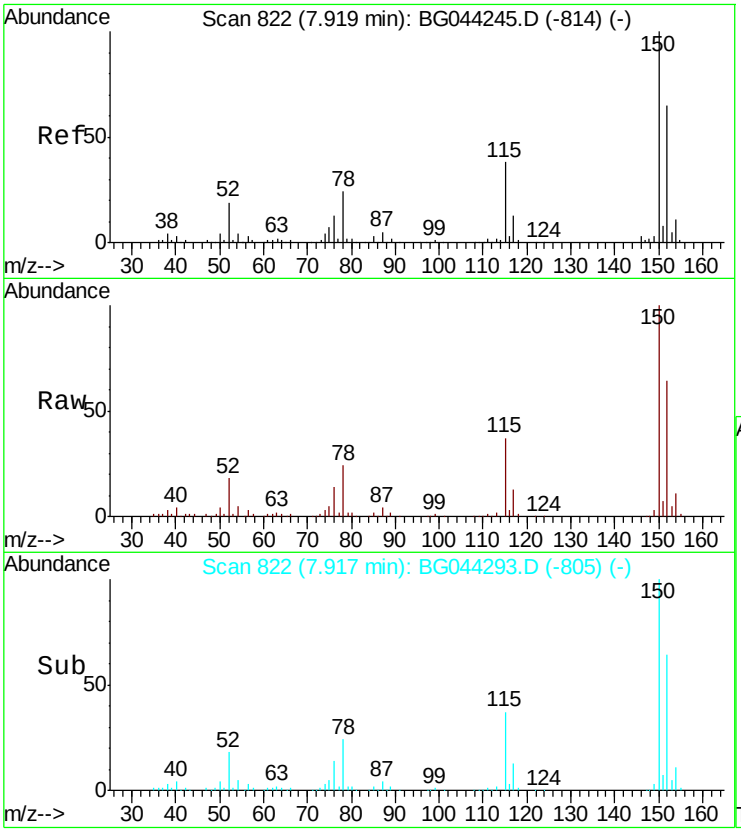
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



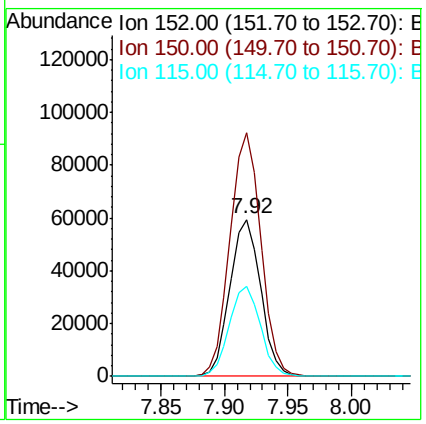


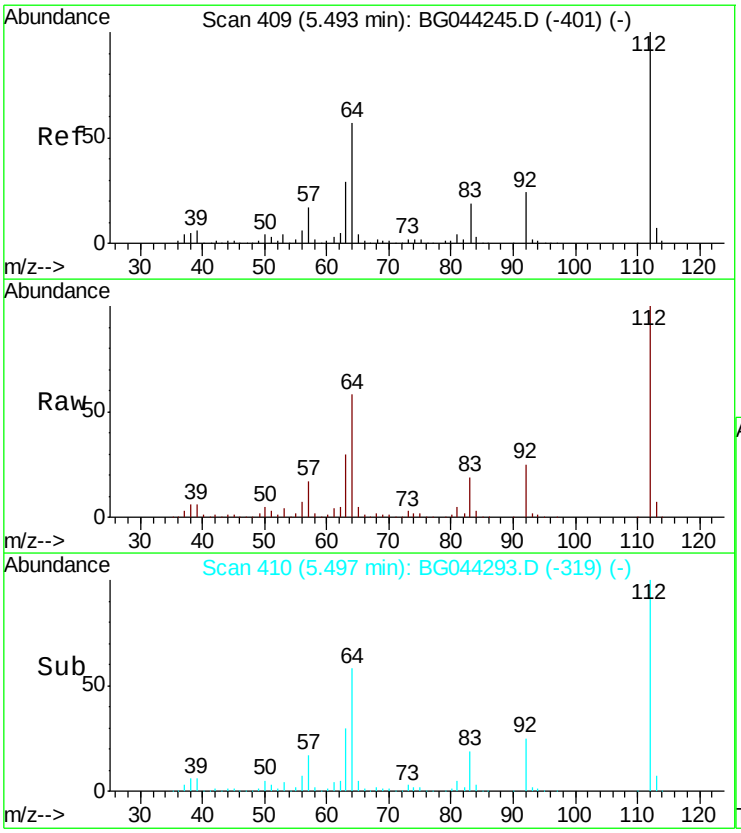
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 99649

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.6	183.8
115	57.6	46.0	69.0

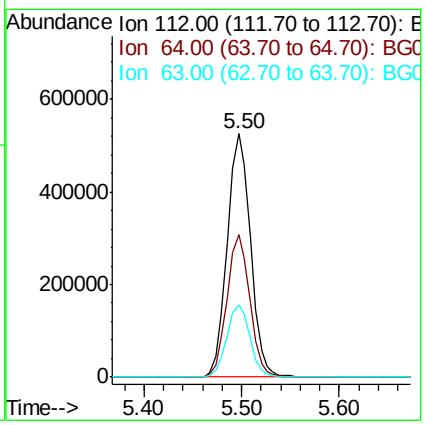


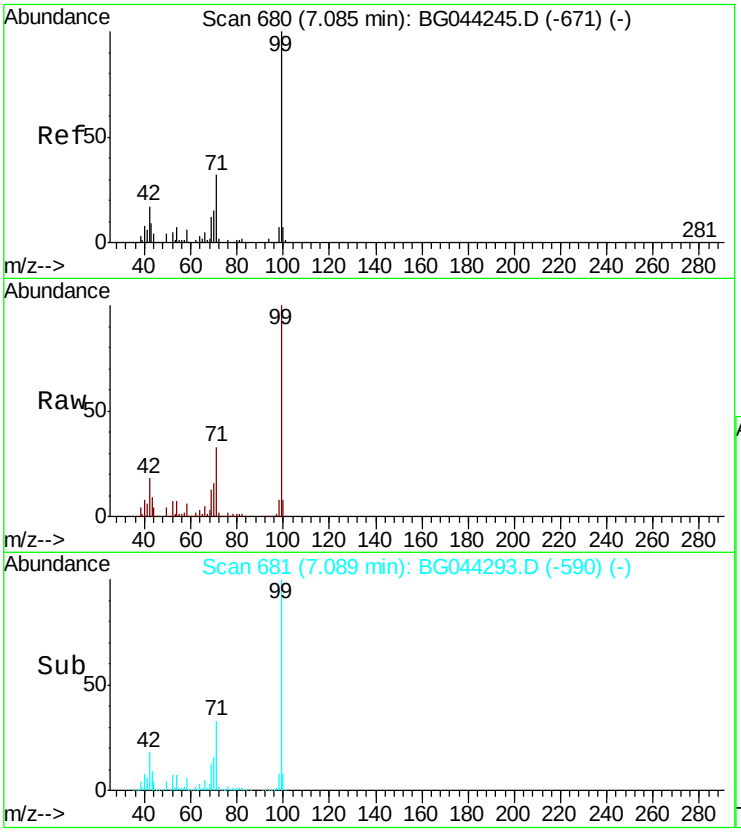


#5
2-Fluorophenol
Concen: 154.729 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:112 Resp: 873655

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.4	68.2
63	29.7	22.9	34.3



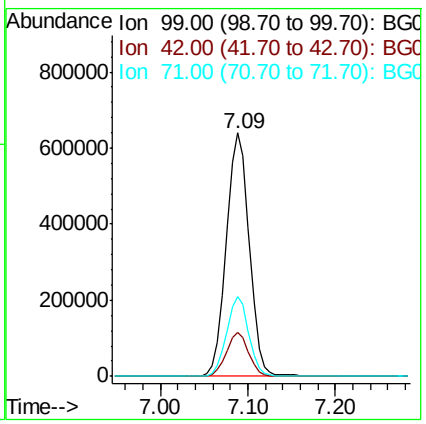


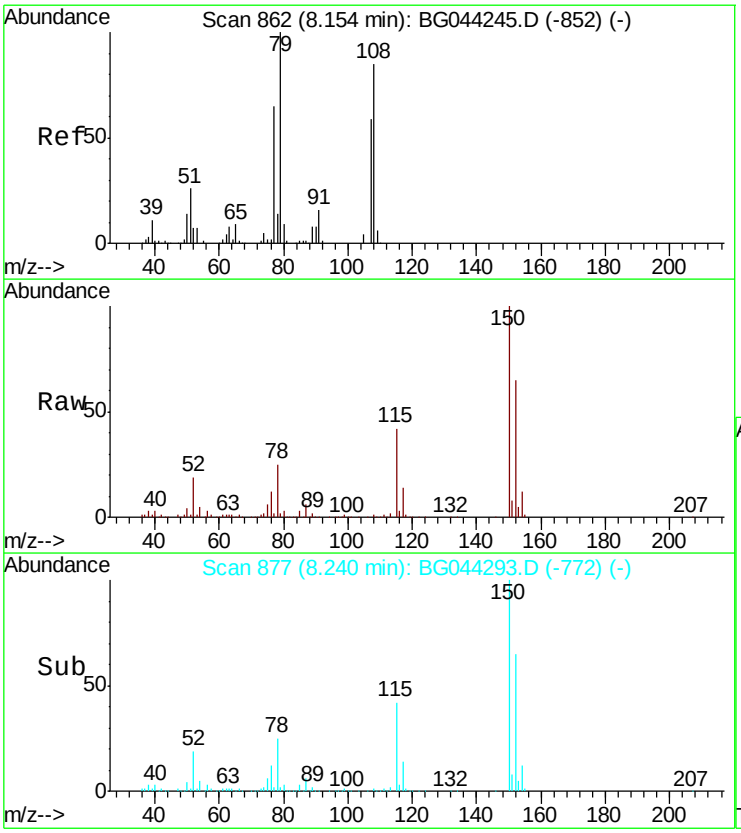
#7
Phenol-d6
Concen: 151.009 ng
RT: 7.09 min Scan# 681
Delta R.T. 0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1144980

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.8	20.6
71	33.0	25.5	38.3

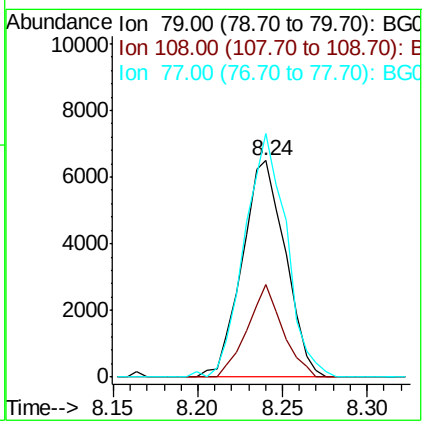


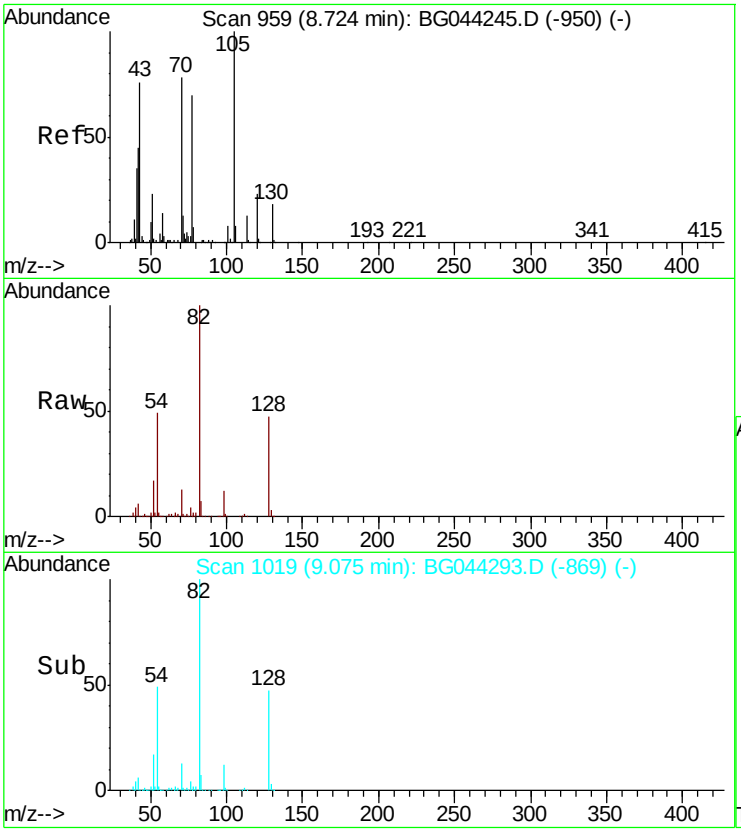


#15
Benzyl Alcohol
Concen: 2.146 ng
RT: 8.24 min Scan# 877
Delta R.T. 0.09 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion: 79 Resp: 11518

Ion	Ratio	Lower	Upper
79	100		
108	42.9	68.3	102.5#
77	112.4	51.8	77.8#



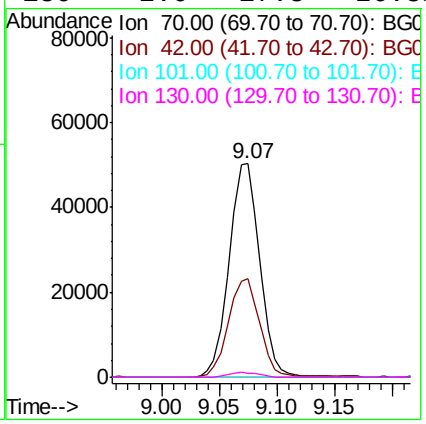


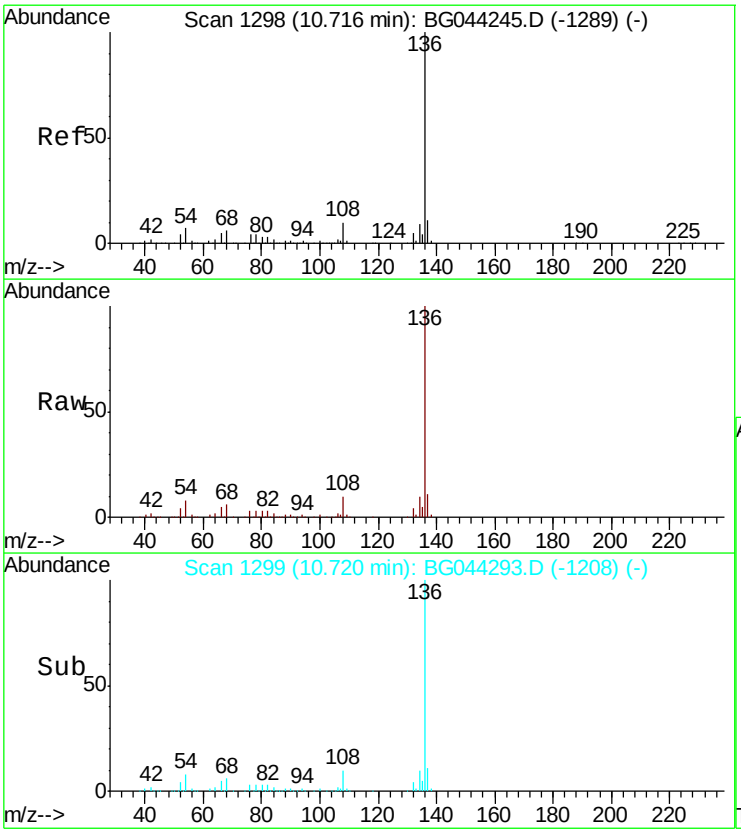
#19
n-Nitroso-di-n-propylamine
Concen: 18.340 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.35 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 92673

Ion	Ratio	Lower	Upper
70	100		
42	46.0	46.2	69.2#
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#

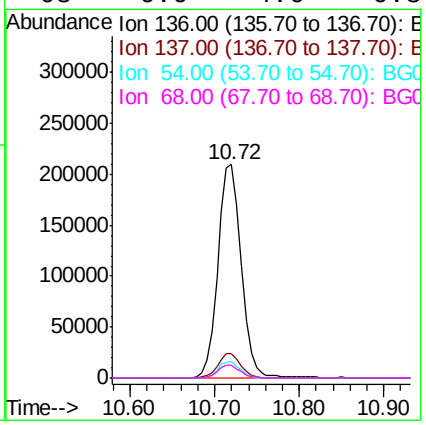


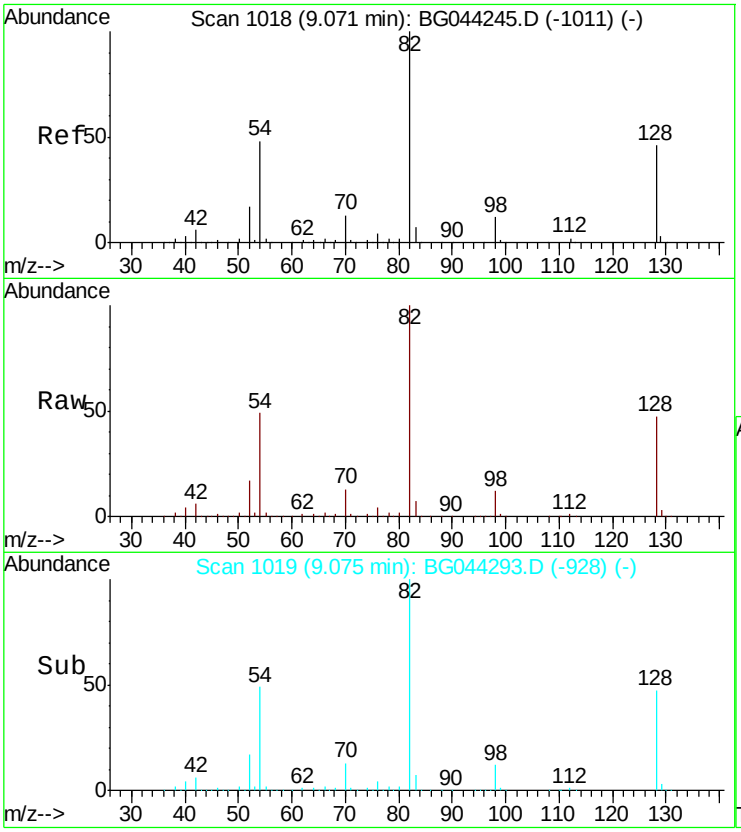


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:136 Resp: 402166

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.6	5.8	8.8
68	6.0	4.6	6.8



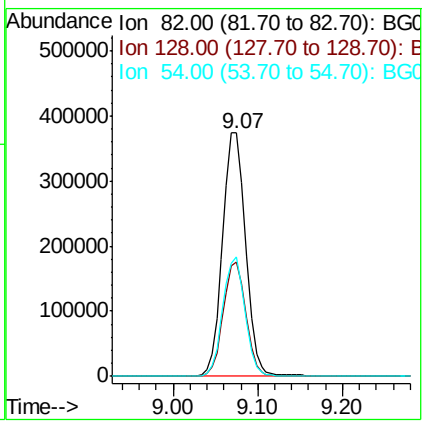


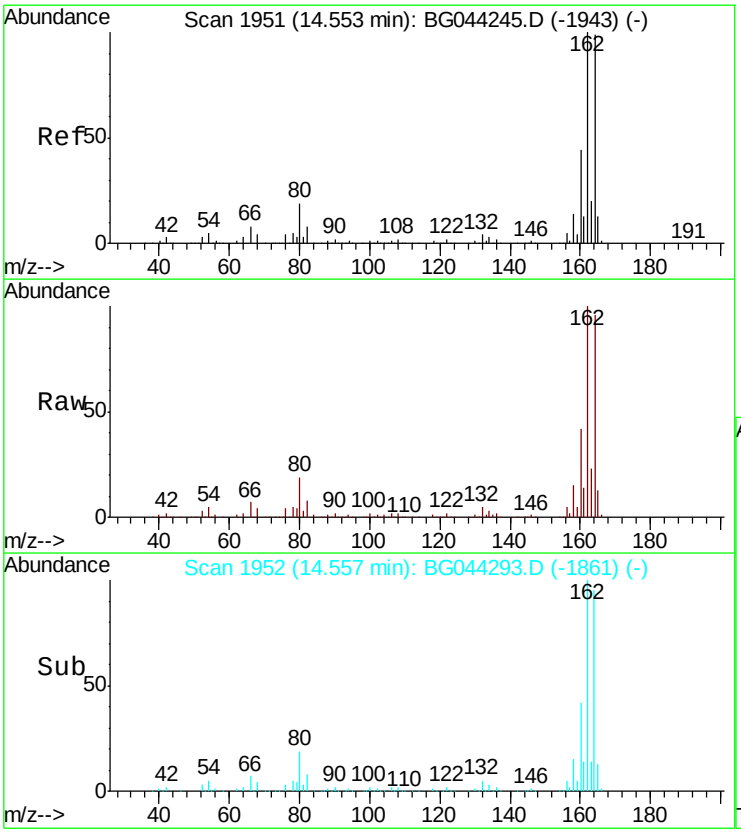
#23
Nitrobenzene-d5
Concen: 99.200 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 706653

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.5	54.7
54	48.9	38.6	58.0

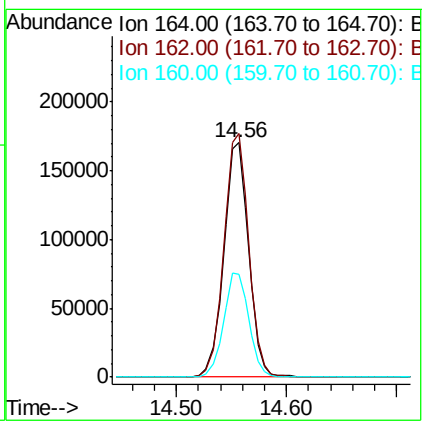


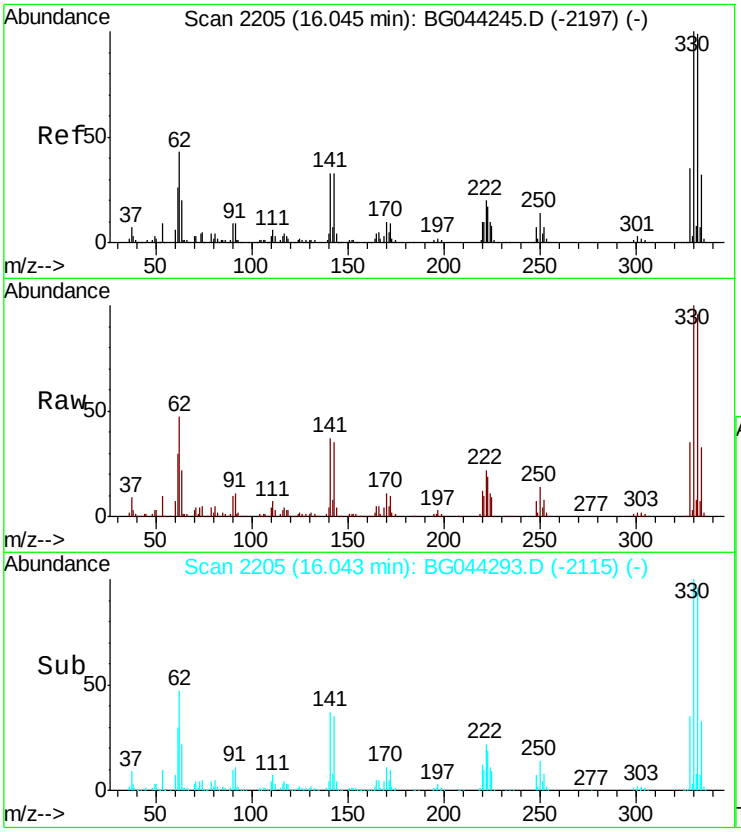


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:164 Resp: 267033

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	44.1	35.3	52.9



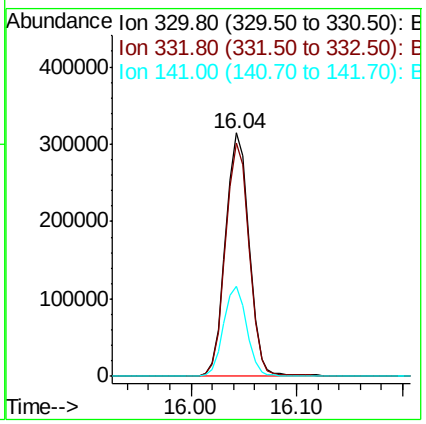


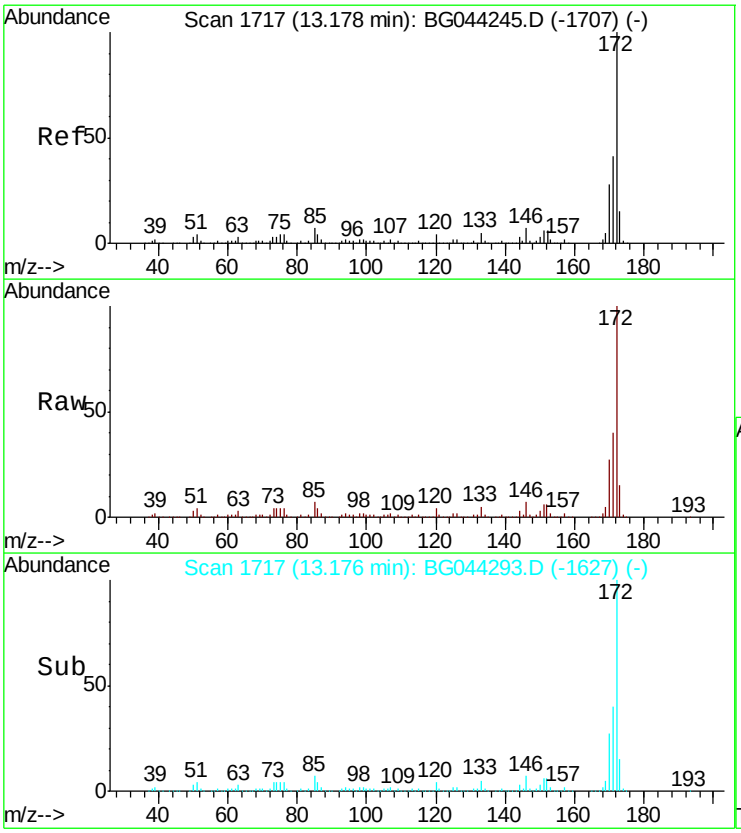
#42
2,4,6-Tribromophenol
Concen: 155.534 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 487571

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	36.7	28.3	42.5

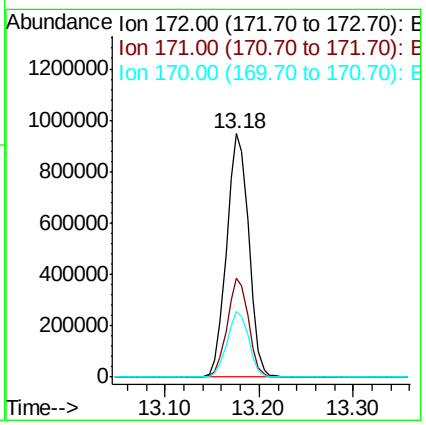


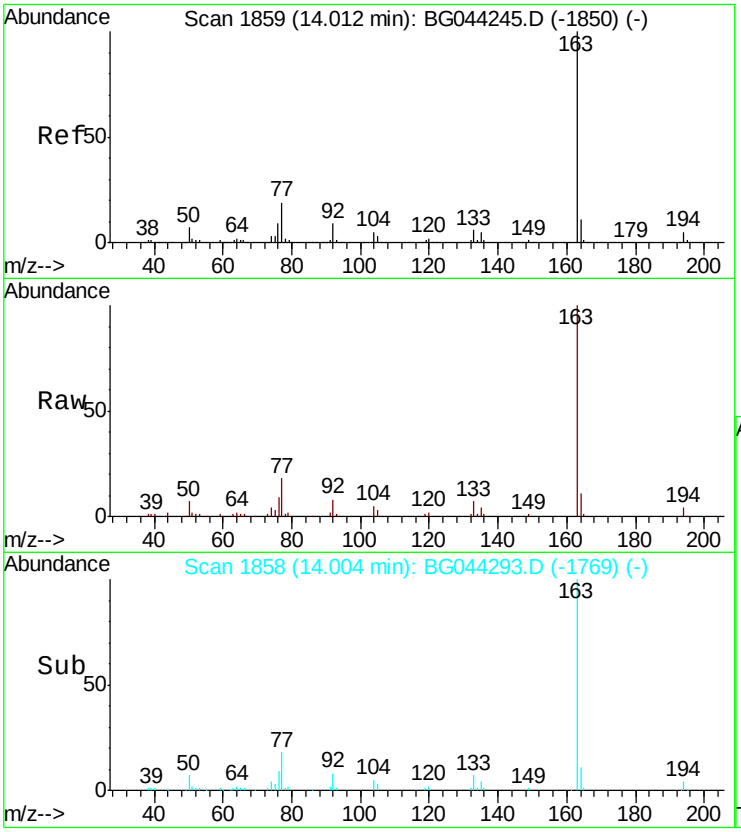


#45
2-Fluorobiphenyl
Concen: 98.134 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:172 Resp: 1564888

Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.9	49.3
170	27.2	22.0	33.0



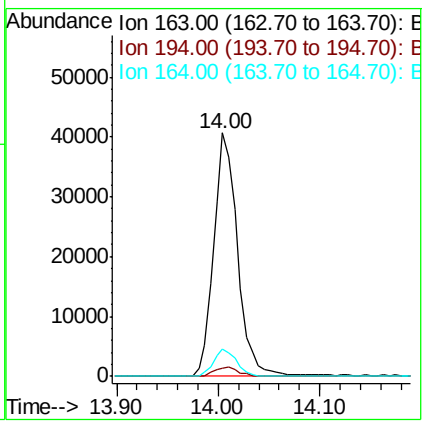


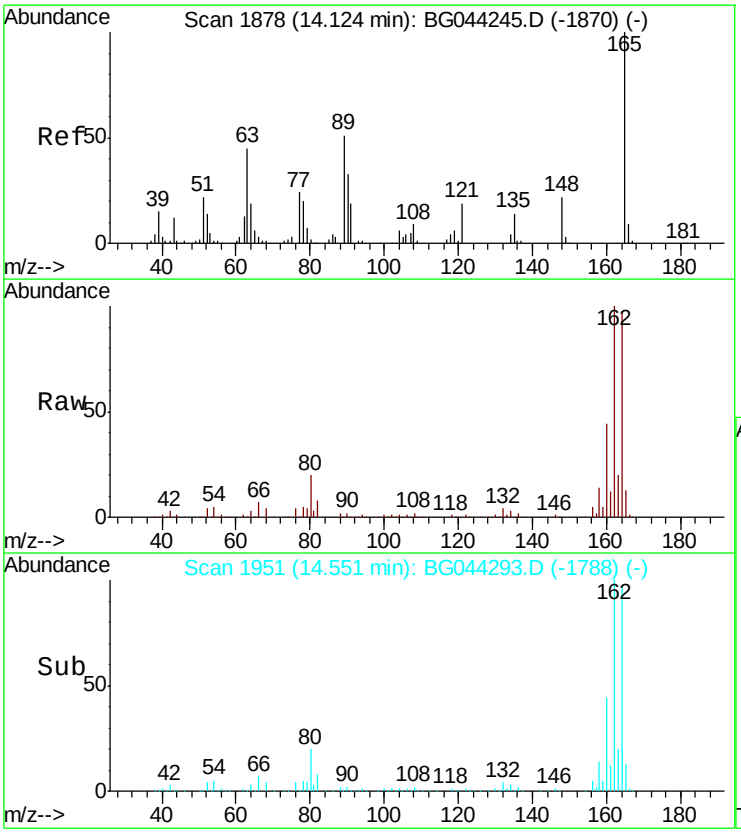
#50
Dimethylphthalate
Concen: 3.475 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 66704

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	11.4	8.7	13.1

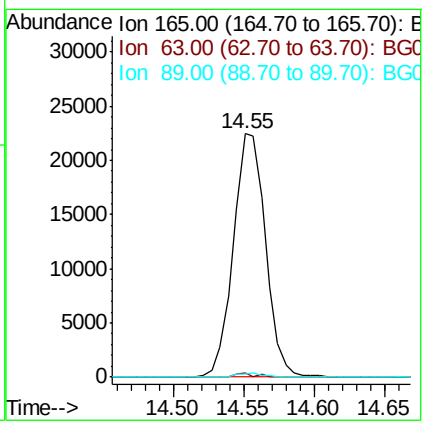


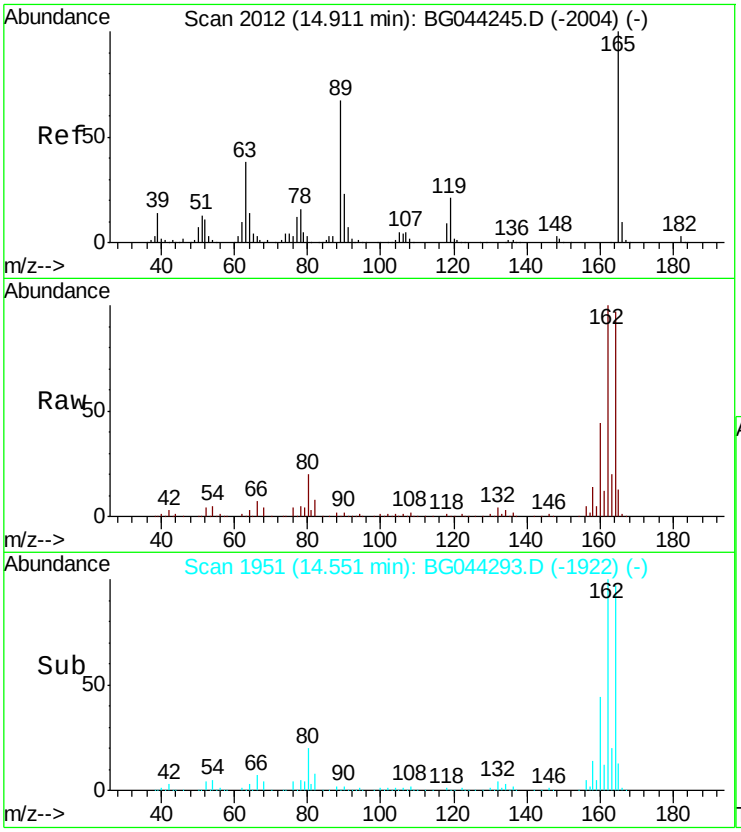


#51
2,6-Dinitrotoluene
Concen: 8.331 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:165 Resp: 35654

Ion	Ratio	Lower	Upper
165	100		
63	2.0	38.7	58.1#
89	1.4	40.4	60.6#



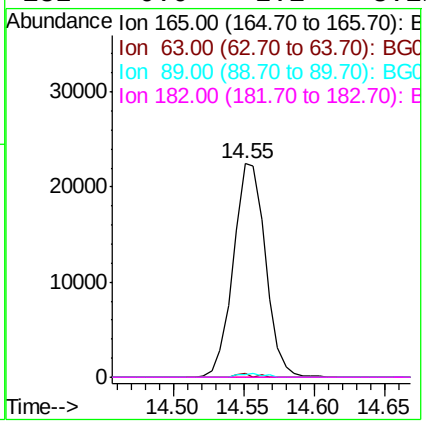


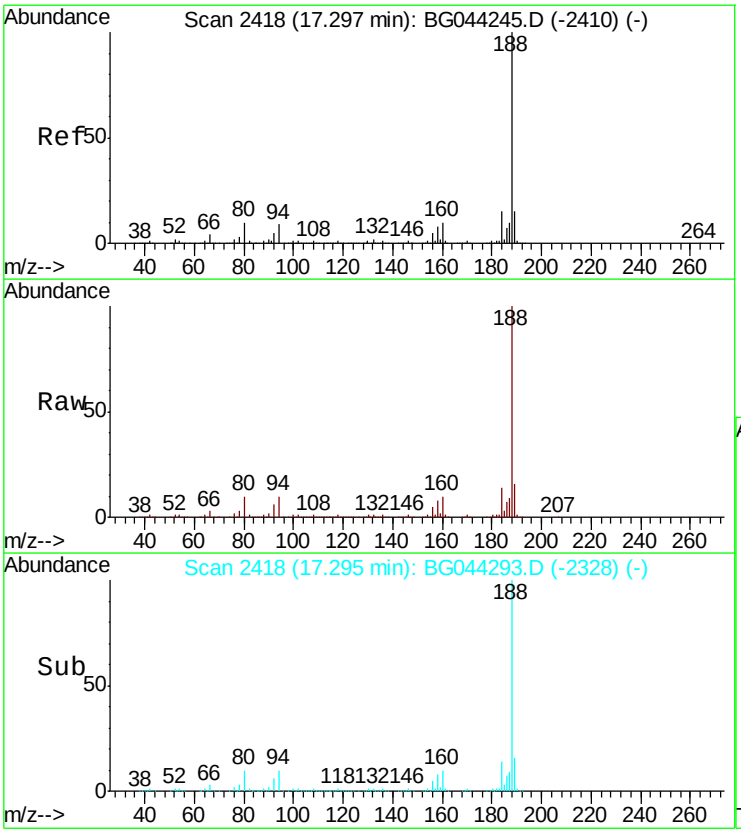
#57
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.36 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 35654

Ion	Ratio	Lower	Upper
165	100		
63	2.0	30.3	45.5#
89	1.4	53.4	80.2#
182	0.0	2.1	3.1#

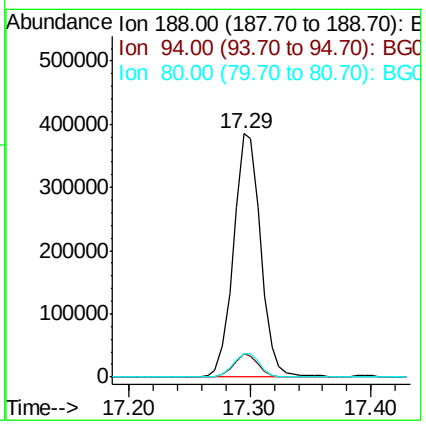


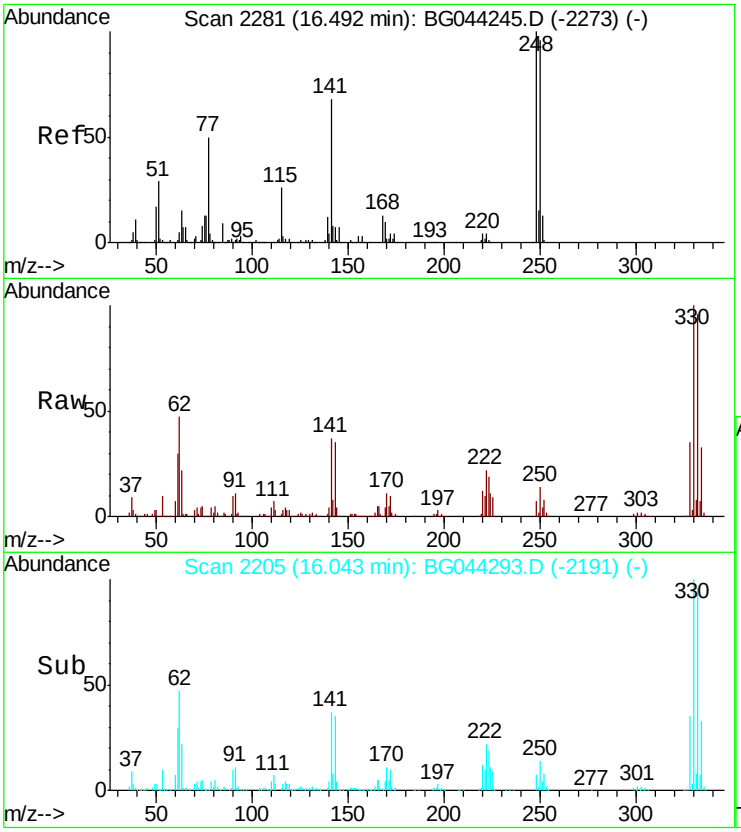


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:188 Resp: 601495

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



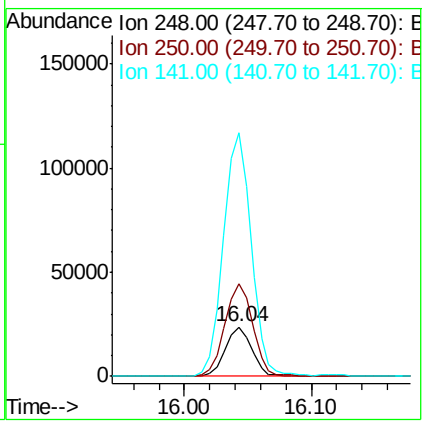


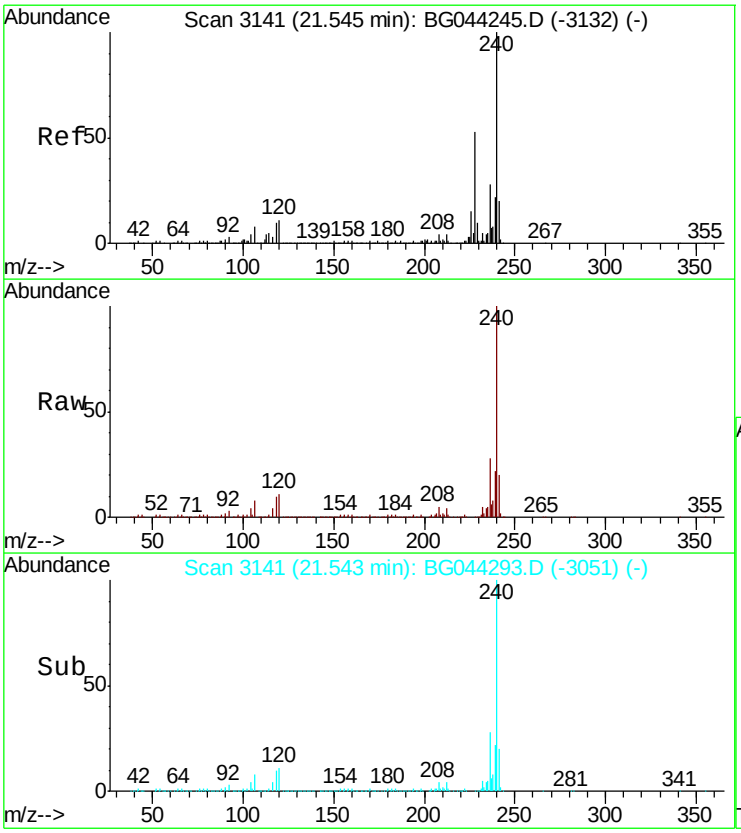
#67
4-Bromophenyl-phenylether
Concen: 5.232 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 34284

Ion	Ratio	Lower	Upper
248	100		
250	189.4	76.6	114.8#
141	495.5	54.7	82.1#

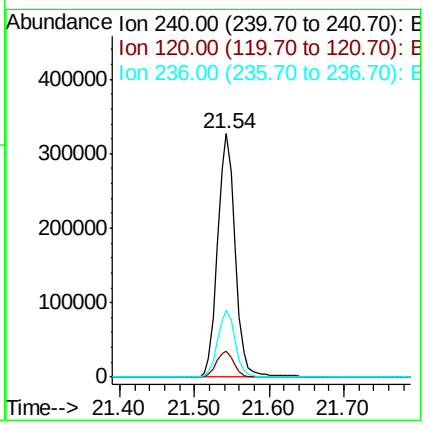


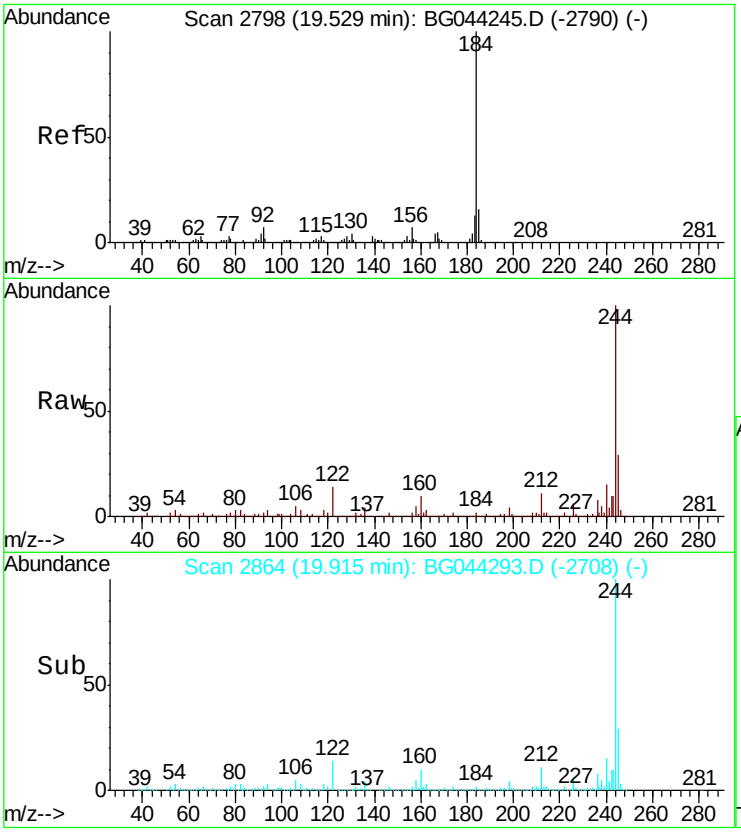


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:240 Resp: 534274

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	27.6	22.1	33.1



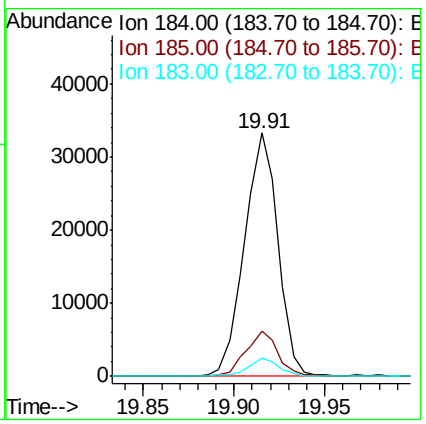


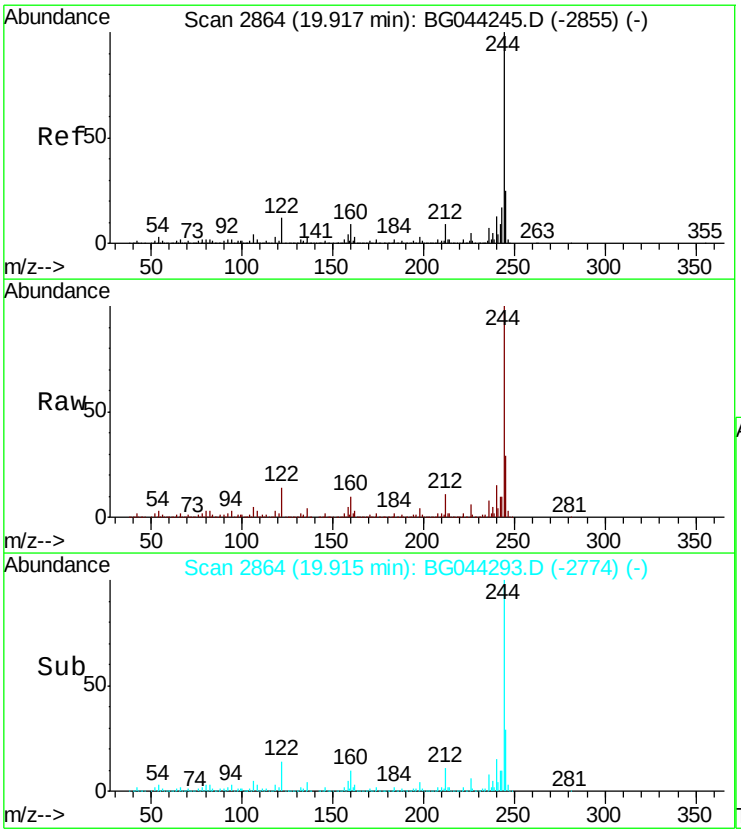
#77
Benzidine
Concen: 2.874 ng
RT: 19.91 min Scan# 2864
Delta R.T. 0.39 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 42593

Ion	Ratio	Lower	Upper
184	100		
185	18.7	12.9	19.3
183	7.3	10.8	16.2#

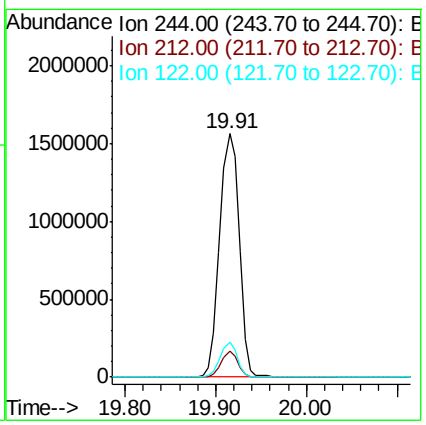


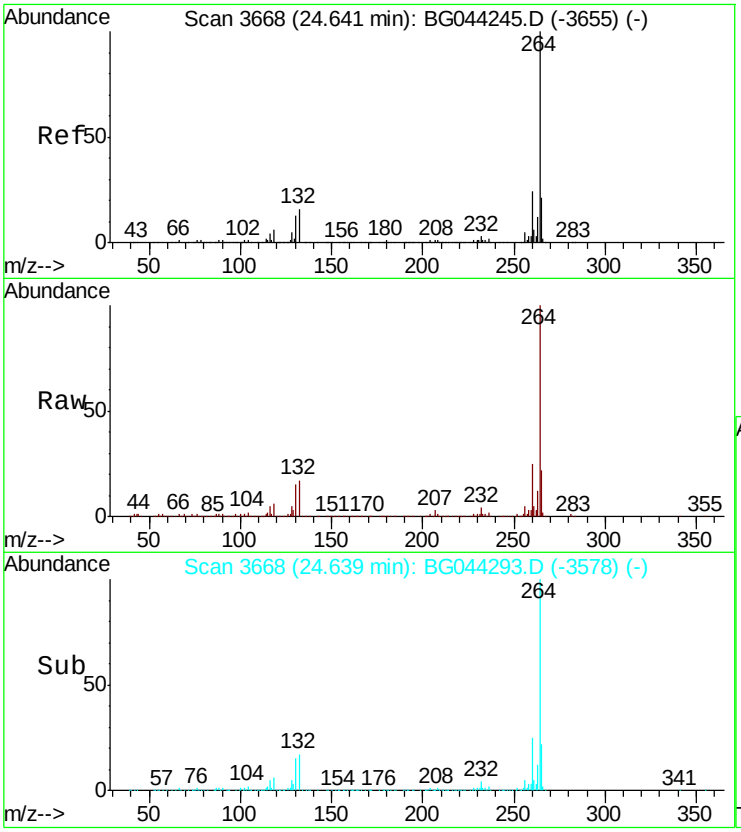


#79
Terphenyl-d14
Concen: 90.082 ng
RT: 19.91 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Tgt Ion:244 Resp: 2339878

Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.4	11.2
122	14.2	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044293.D
Acq: 4 Feb 2020 23:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 598223

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.6	16.7	25.1