Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043495.D
Acq On : 5 Nov 2019 00:15
Operator : JU
Sample : PB124488BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124488BL

Quant Time: Nov 05 17:32:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39017	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	138018	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	103592	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	249767	20.00	ng	0.00
76) Chrysene-d12	21.66	240	276278	20.00	ng	0.00
87) Perylene-d12	24.85	264	327740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	217792	102.29	ng	0.00
7) Phenol-d6	7.20	99	192543	62.85	ng	0.00
23) Nitrobenzene-d5	9.18	82	251875	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	263987	133.91	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	672750	89.74	ng	0.00
79) Terphenyl-d14	20.00	244	1373731	93.28	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.17	70	35546	17.957	ng	# 75
51) 2,6-Dinitrotoluene	14.64	165	13900	7.974	ng	# 26
57) 2,4-Dinitrotoluene	14.64	165	13900	5.580	ng	# 29
67) 4-Bromophenyl-phenylether	16.13	248	16128	4.798	ng	# 1
77) Benzidine	20.00	184	21438	3.856	ng	# 90

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
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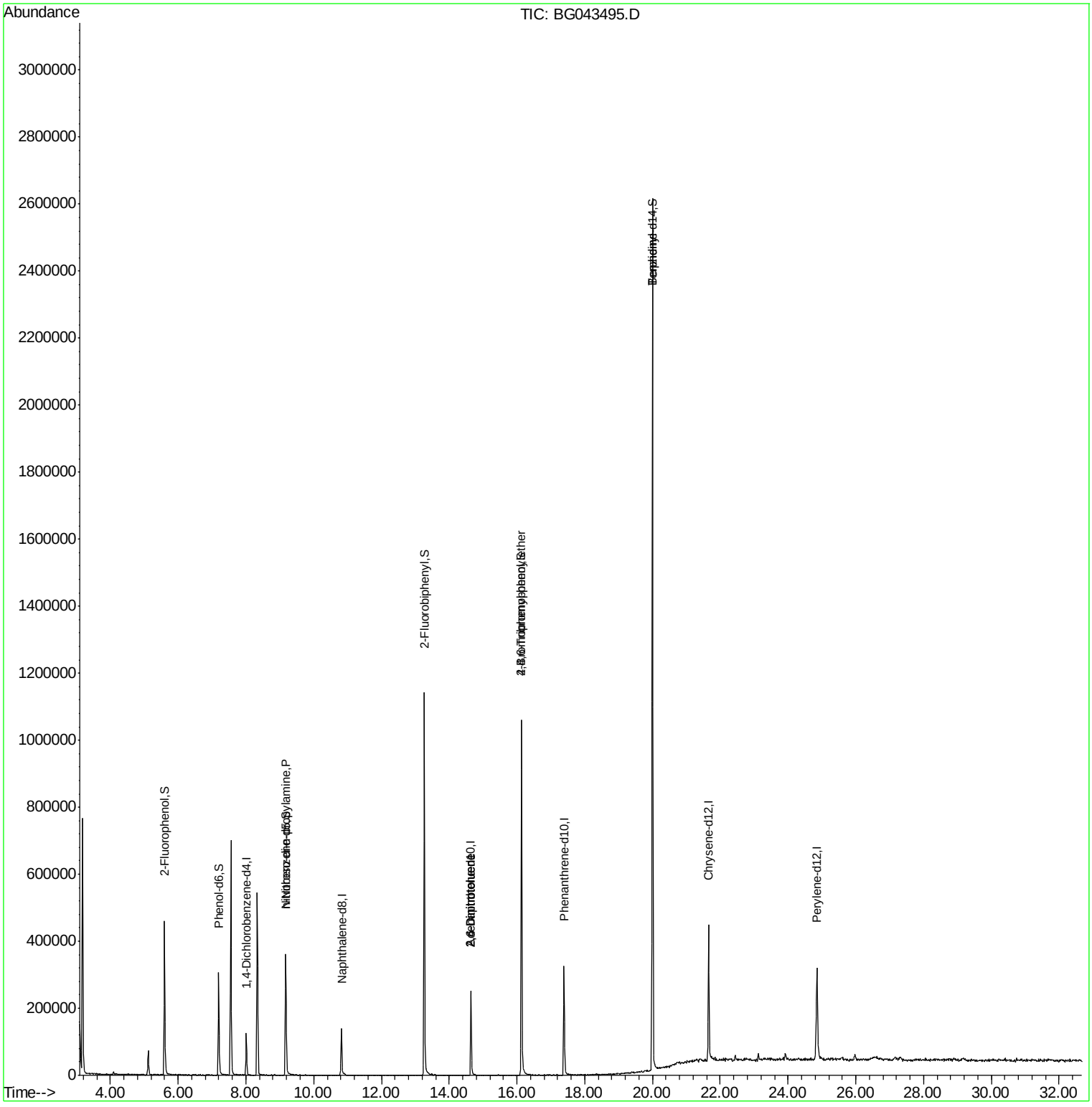
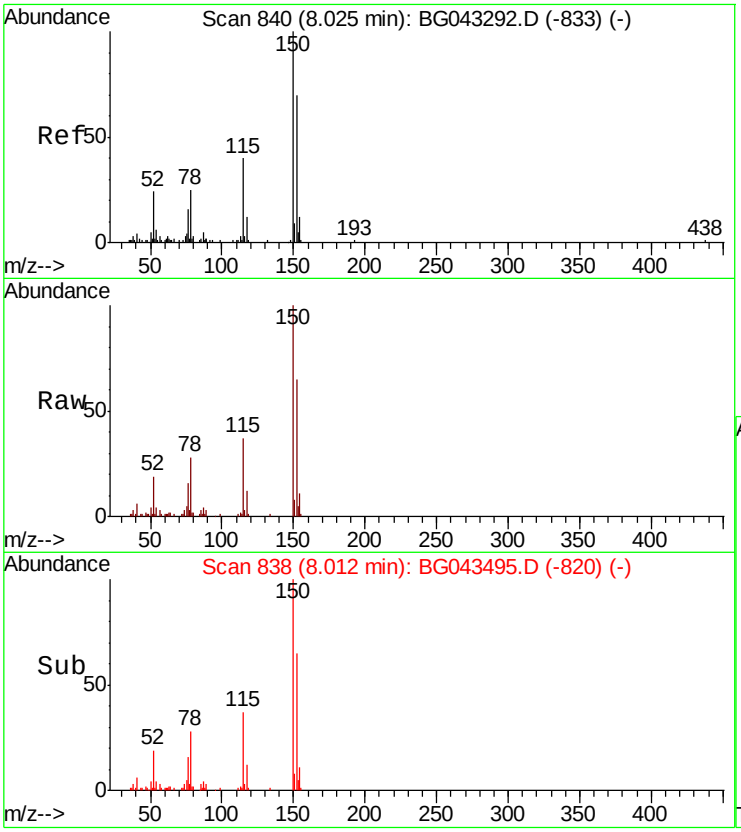


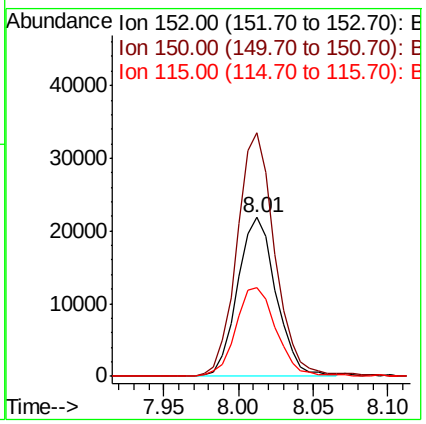


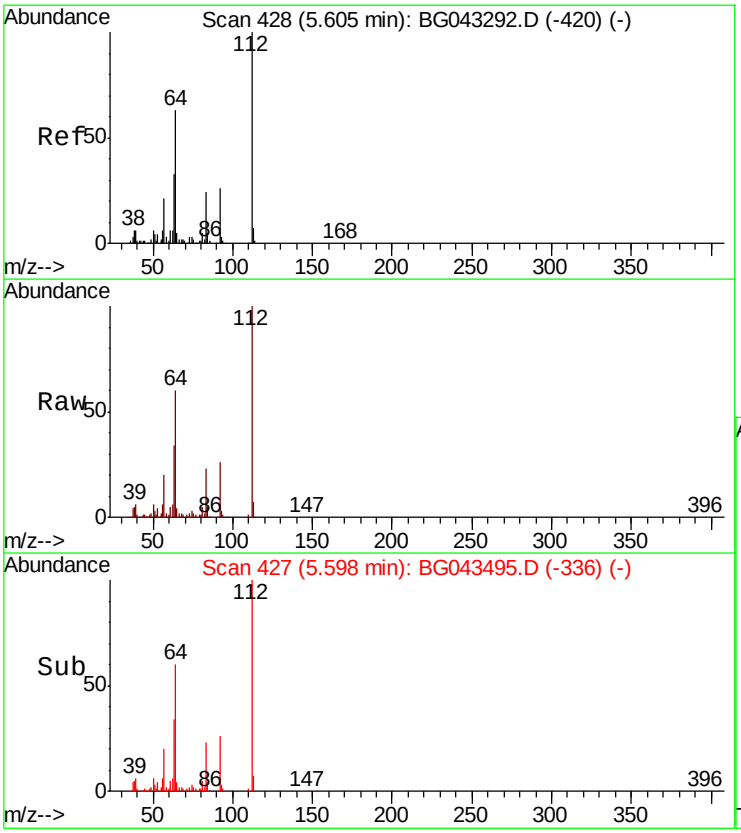
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:152 Resp: 39017

Ion	Ratio	Lower	Upper
152	100		
150	153.4	129.4	194.0
115	56.2	48.8	73.2

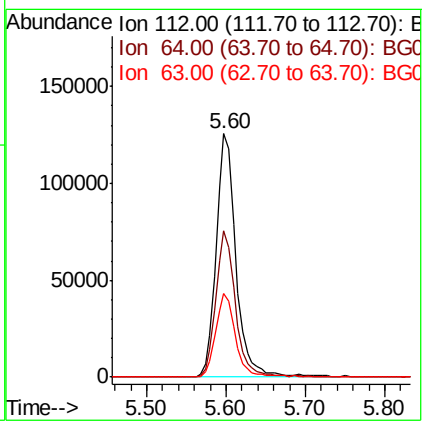


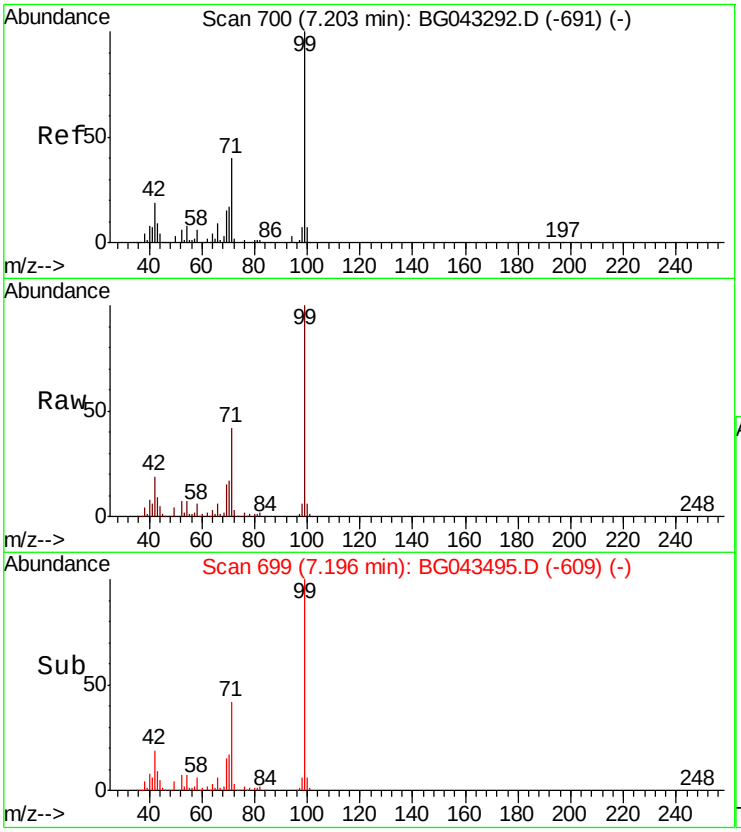


#5
2-Fluorophenol
Concen: 102.287 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion:112 Resp: 217792

Ion	Ratio	Lower	Upper
112	100		
64	60.0	50.0	75.0
63	34.4	26.6	40.0



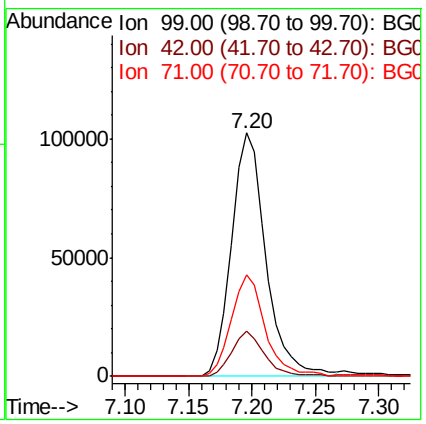


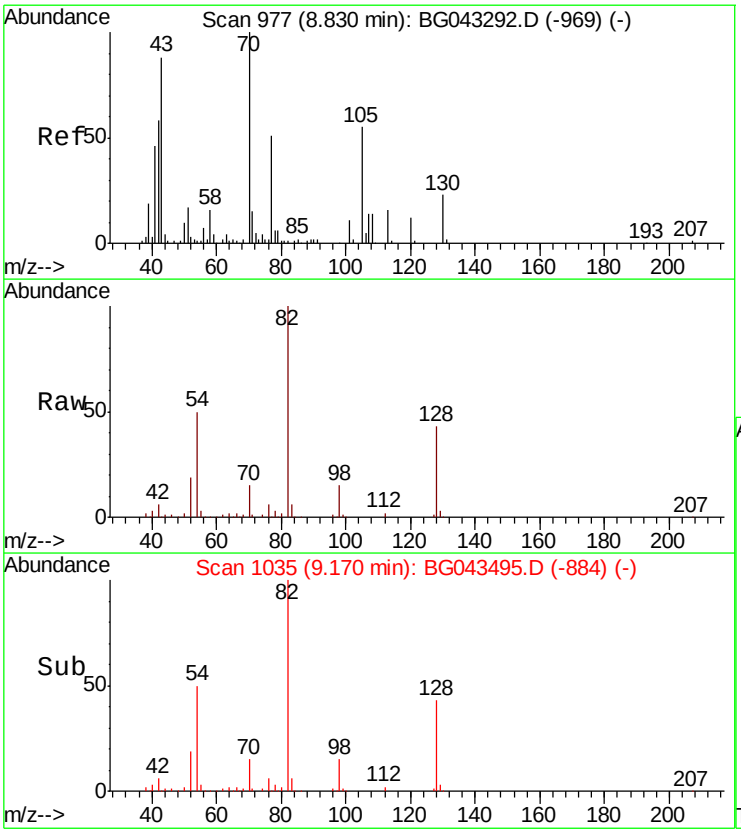
#7
Phenol-d6
Concen: 62.852 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion: 99 Resp: 192543

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	21.8
71	41.7	32.5	48.7

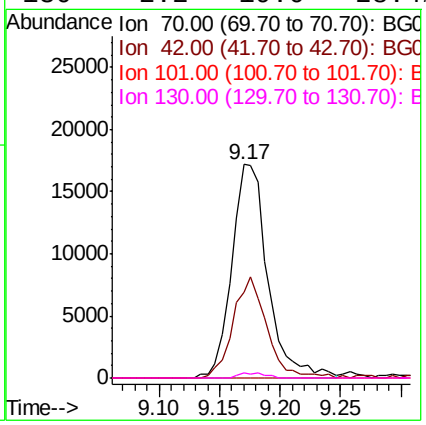


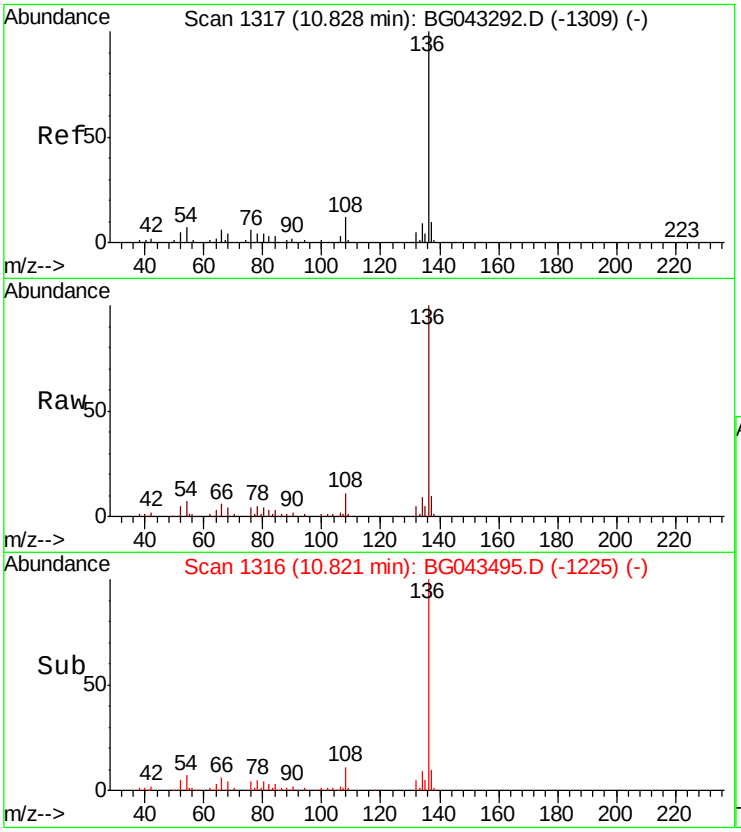


#19
n-Nitroso-di-n-propylamine
Concen: 17.957 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion: 70 Resp: 35546

Ion	Ratio	Lower	Upper
70	100		
42	40.1	41.4	62.2#
101	0.0	7.9	11.9#
130	2.2	19.0	28.4#



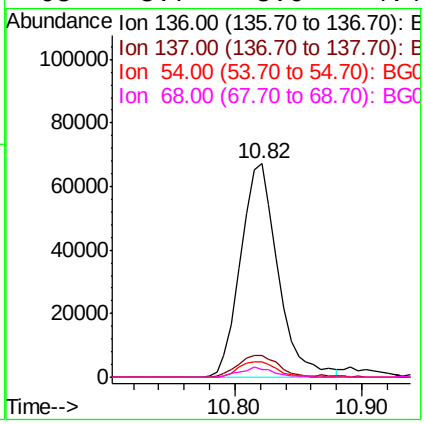


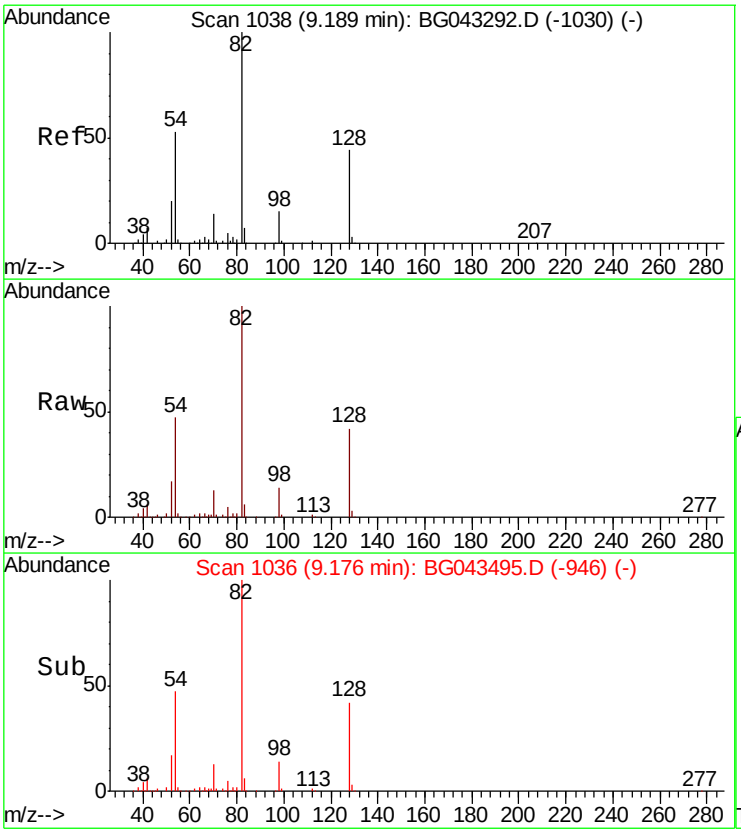
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:136 Resp: 138018

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.4	5.4	8.2
68	3.7	3.0	4.4

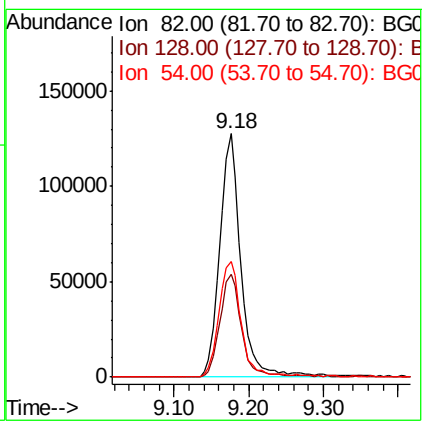


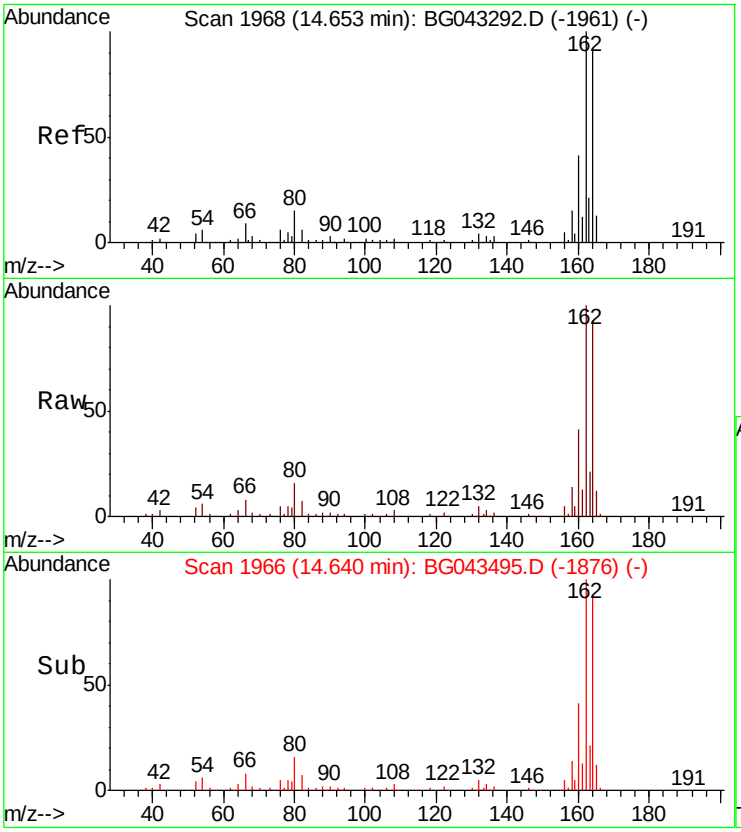


#23
Nitrobenzene-d5
Concen: 94.084 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion: 82 Resp: 251875

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.6
54	47.4	40.2	60.2



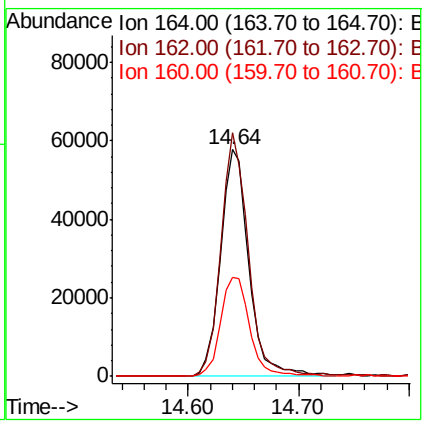


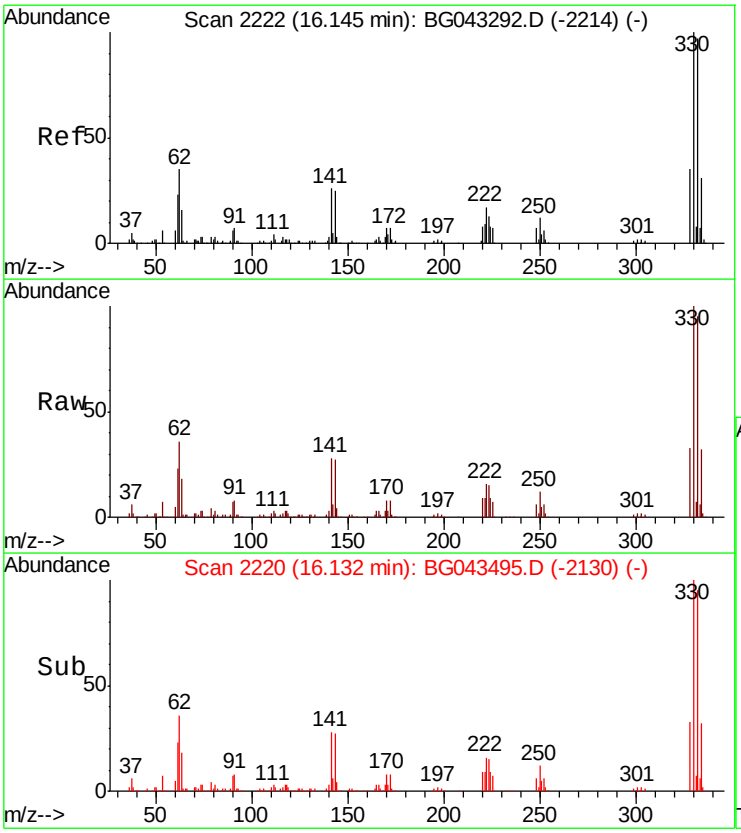
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:164 Resp: 103592

Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.5	125.3
160	43.8	36.5	54.7

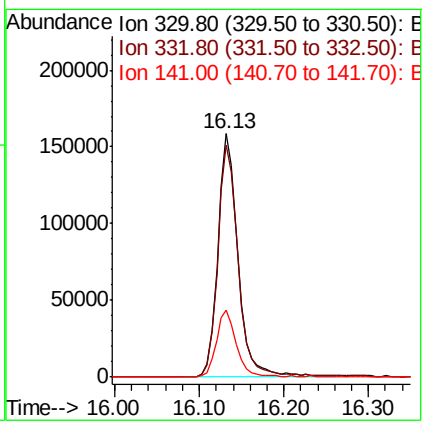


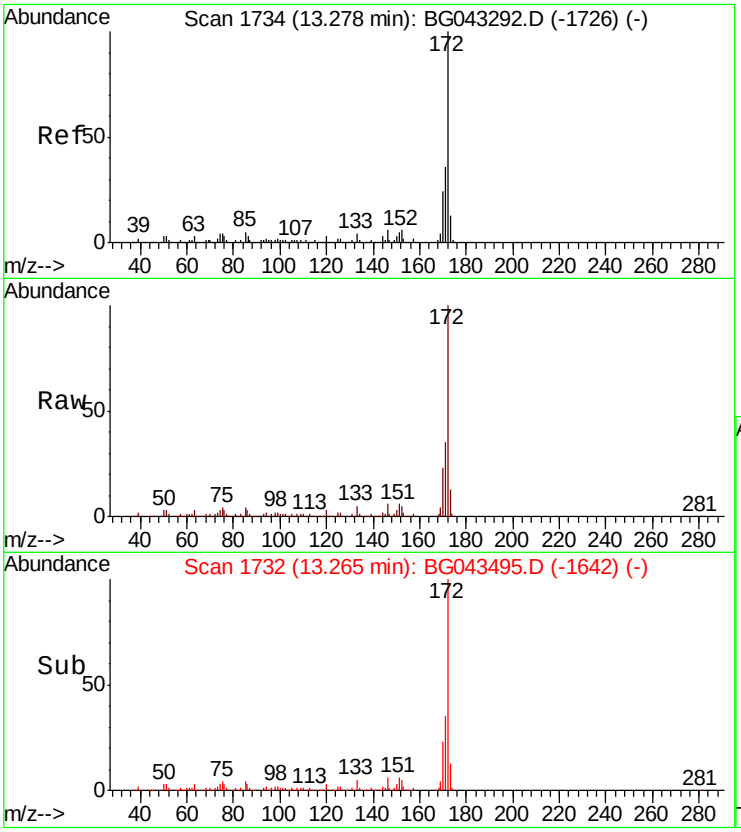


#42
2,4,6-Tribromophenol
Concen: 133.911 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion:330 Resp: 263987

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	27.6	22.8	34.2



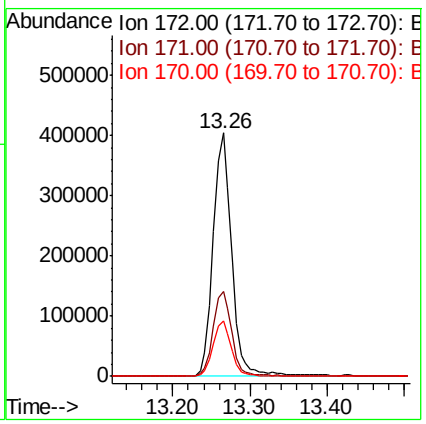


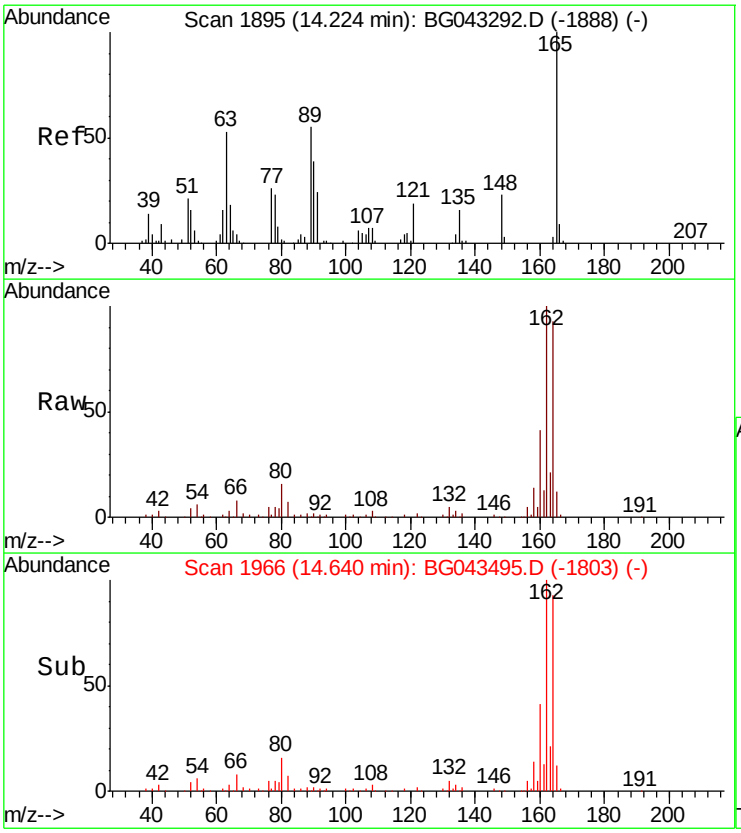
#45
2-Fluorobiphenyl
Concen: 89.737 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:172 Resp: 672750

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	22.6	18.5	27.7

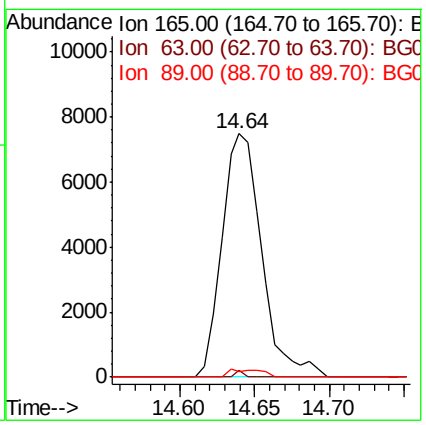


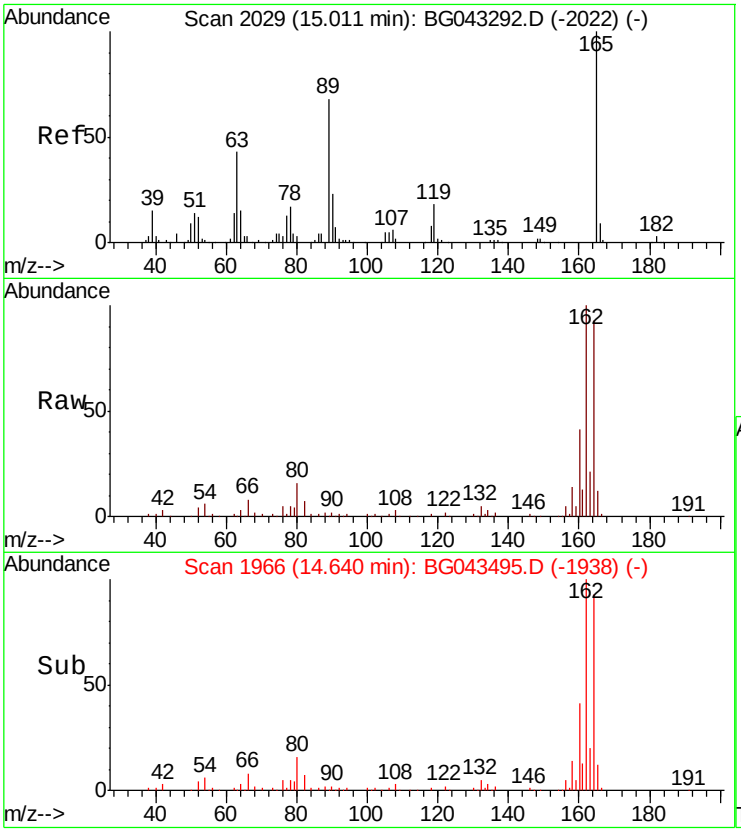


#51
2,6-Dinitrotoluene
Concen: 7.974 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.43 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion:165 Resp: 13900

Ion	Ratio	Lower	Upper
165	100		
63	2.8	46.6	69.8#
89	2.2	45.1	67.7#



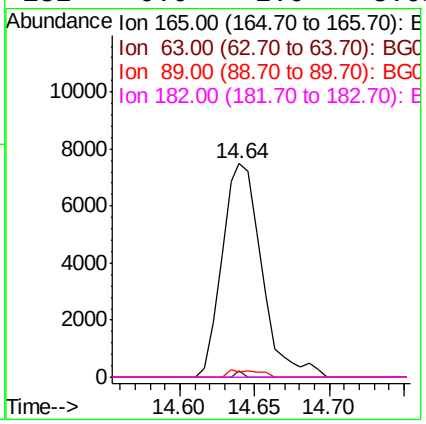


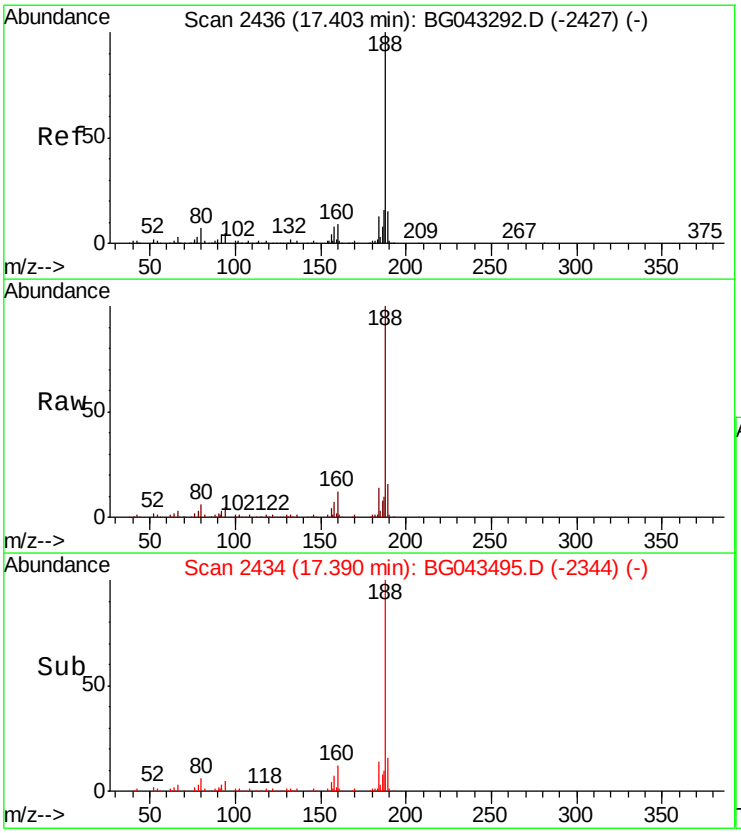
#57
2,4-Dinitrotoluene
Concen: 5.580 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.37 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:165 Resp: 13900

Ion	Ratio	Lower	Upper
165	100		
63	2.8	33.2	49.8#
89	2.2	52.2	78.4#
182	0.0	2.0	3.0#

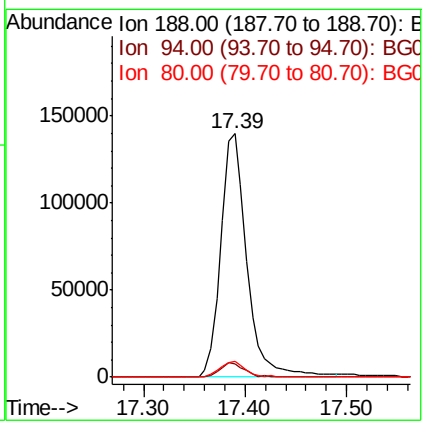


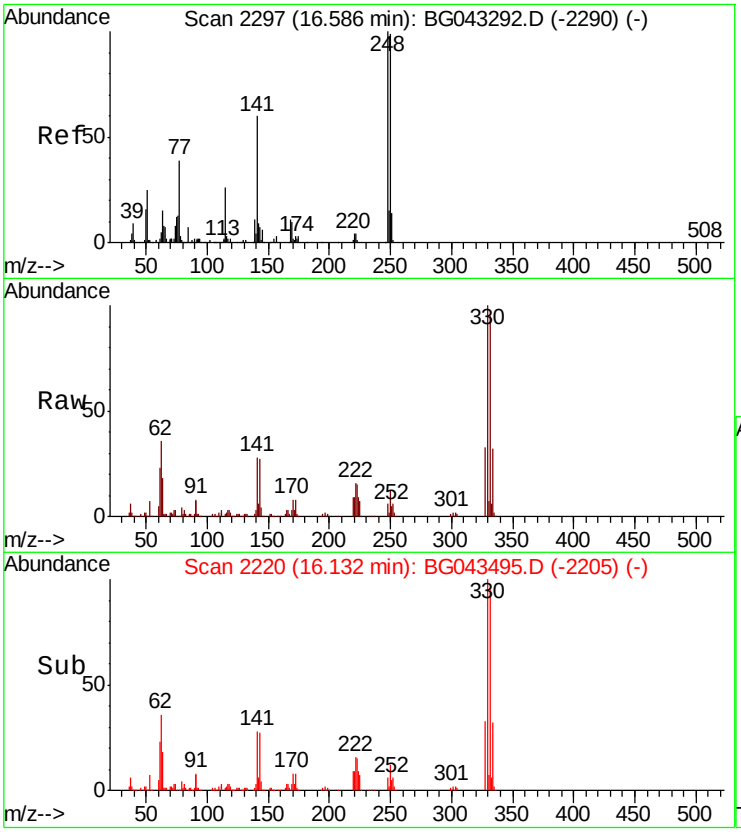


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion:188 Resp: 249767

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.4
80	6.4	4.5	6.7



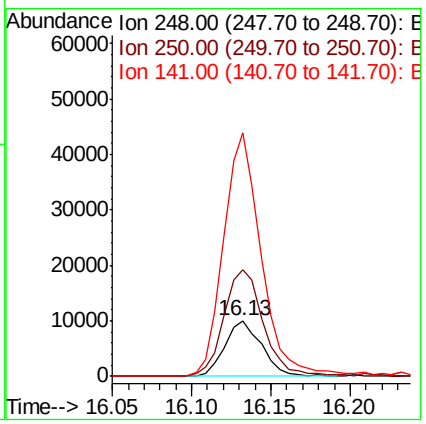


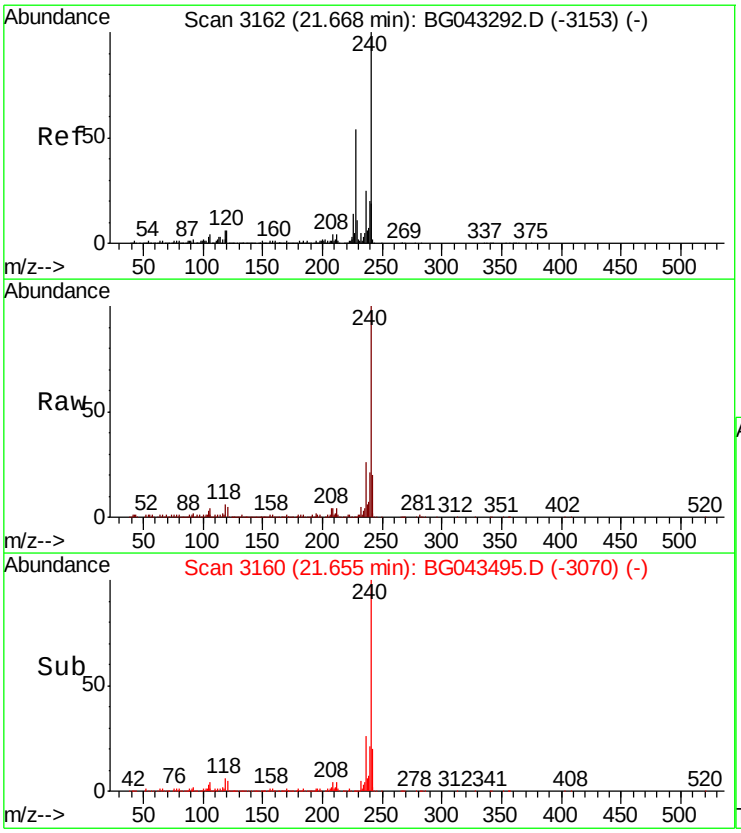
#67
4-Bromophenyl-phenylether
Concen: 4.798 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:248 Resp: 16128

Ion	Ratio	Lower	Upper
248	100		
250	191.1	77.0	115.4#
141	438.5	47.5	71.3#

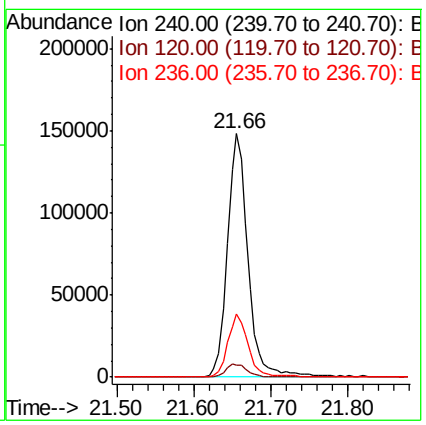


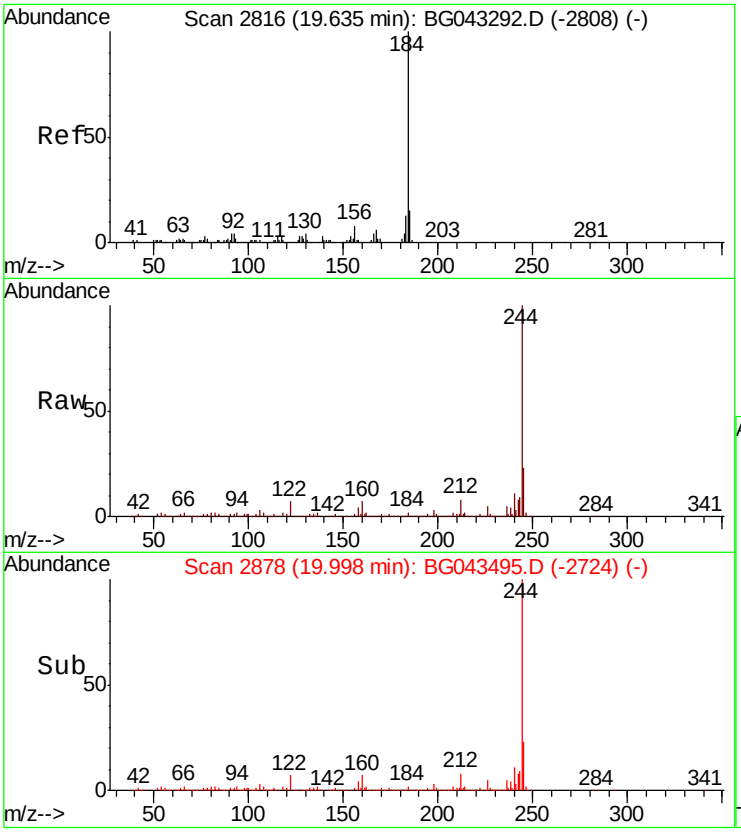


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion:240 Resp: 276278

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	6.8
236	26.0	19.8	29.8



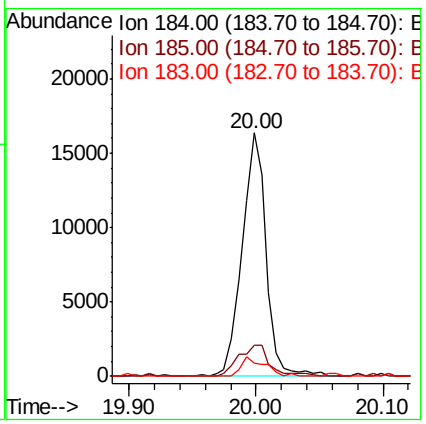


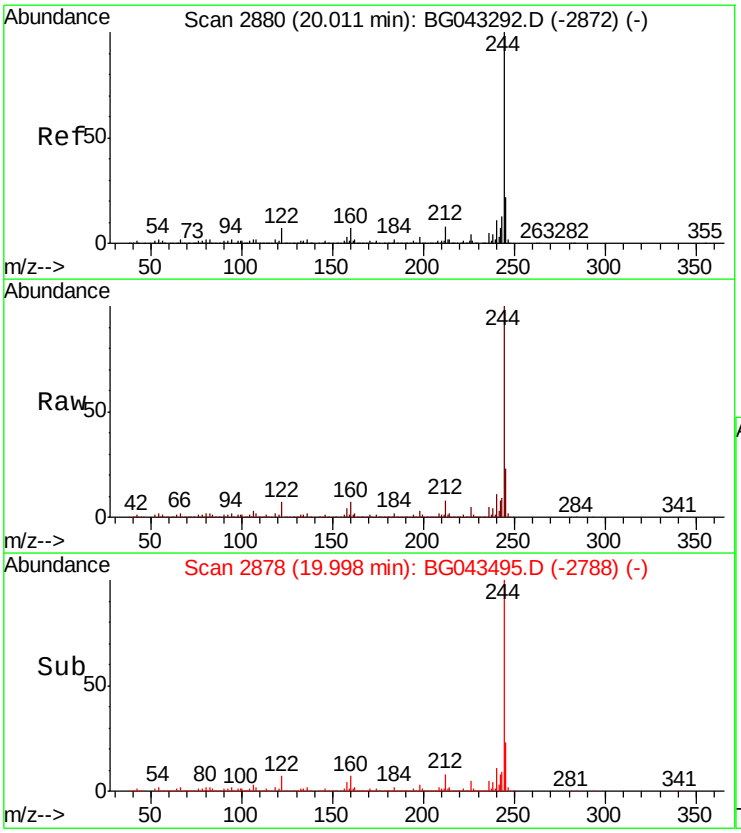
#77
Benzidine
Concen: 3.856 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.37 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:184 Resp: 21438

Ion	Ratio	Lower	Upper
184	100		
185	12.6	11.0	16.4
183	5.5	10.0	15.0#

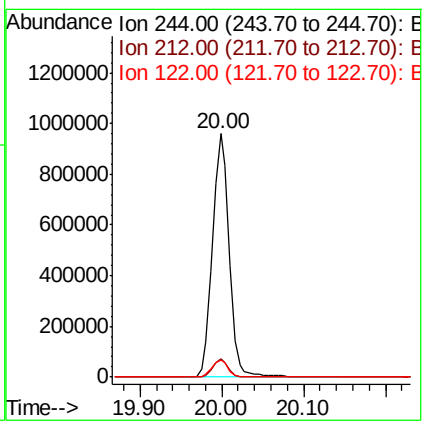


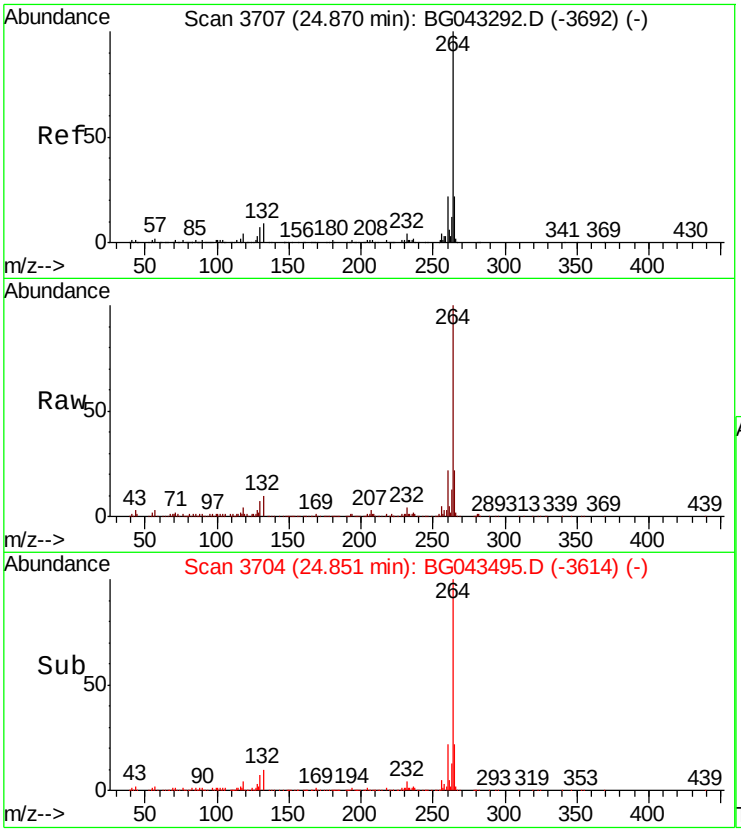


#79
Terphenyl-d14
Concen: 93.283 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Tgt Ion:244 Resp: 1373731

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	7.2	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG043495.D
Acq: 5 Nov 2019 00:15

Instrument :
BNA_G
ClientSampleId :
PB124488BL

Tgt Ion:264 Resp: 327740

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.5	26.3
265	22.0	17.4	26.0