Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
Data File : BN003460.D
Acq On : 07 Nov 2018 20:05
Operator : MJ/SJ
Sample : J5829-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 08 14:33:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	110972	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	495295	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	301262	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	668888	20.00	ng		0.00
76) Chrysene-d12	21.40	240	526744	20.00	ng		0.00
87) Perylene-d12	23.72	264	508979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	272987	42.85	ng		0.00
7) Phenol-d6	7.00	99	217118	23.97	ng		-0.01
23) Nitrobenzene-d5	9.02	82	773074	89.51	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	441587	108.86	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	2133701	96.07	ng		0.00
79) Terphenyl-d14	19.85	244	2618499	106.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	11173	3.693	ng	#	1
10) Phenol	7.03	94	51418	5.378	ng		95
19) n-Nitroso-di-n-propylamine	9.02	70	98446	15.069	ng	#	76
50) Dimethylphthalate	13.94	163	99776	4.096	ng		99
51) 2,6-Dinitrotoluene	14.49	165	39090	7.070	ng	#	29
57) 2,4-Dinitrotoluene	14.49	165	39090	5.215	ng	#	19
67) 4-Bromophenyl-phenylether	15.97	248	29184	3.874	ng	#	1
77) Benzidine	19.85	184	31651	2.053	ng	#	92

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

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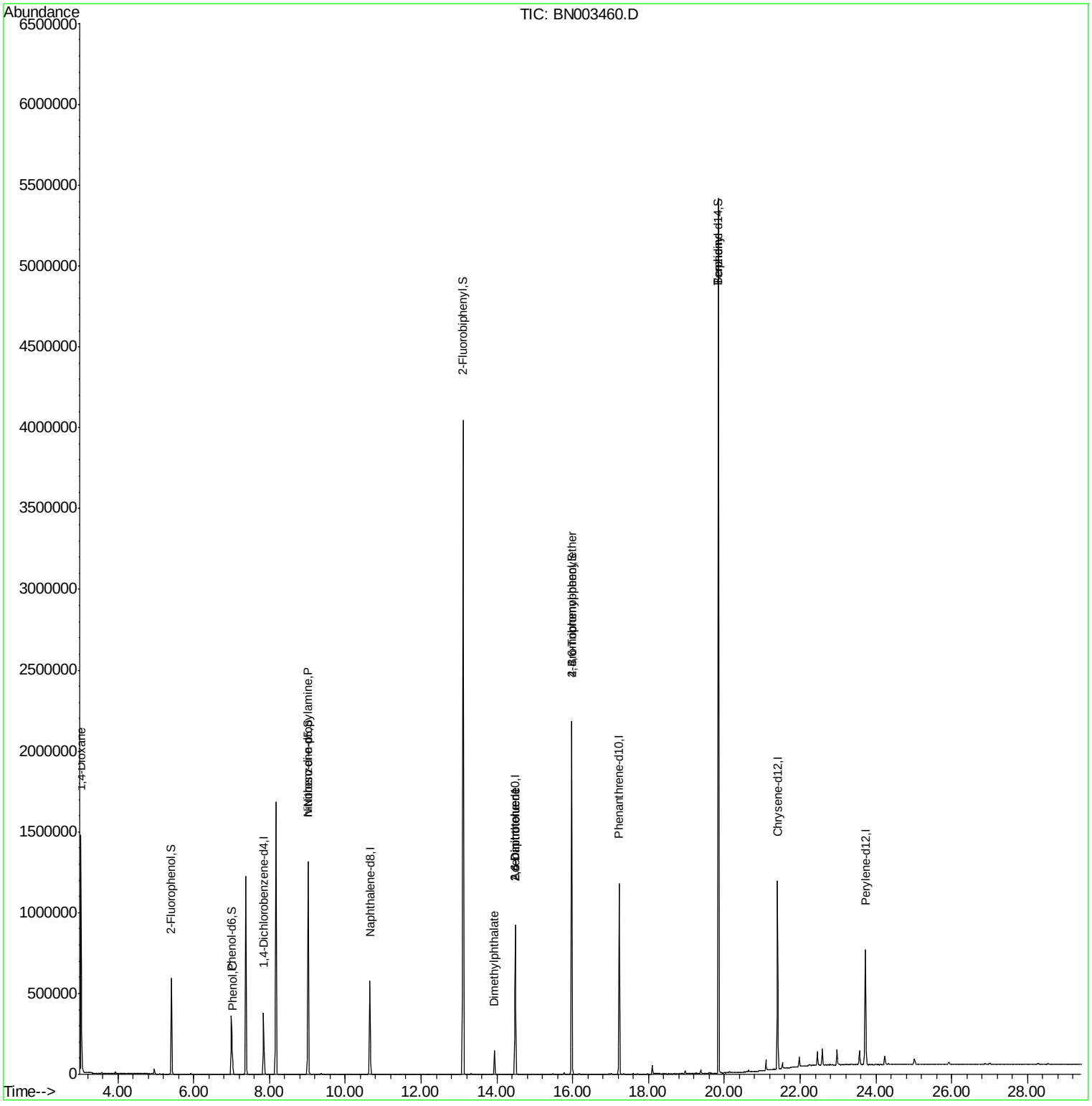
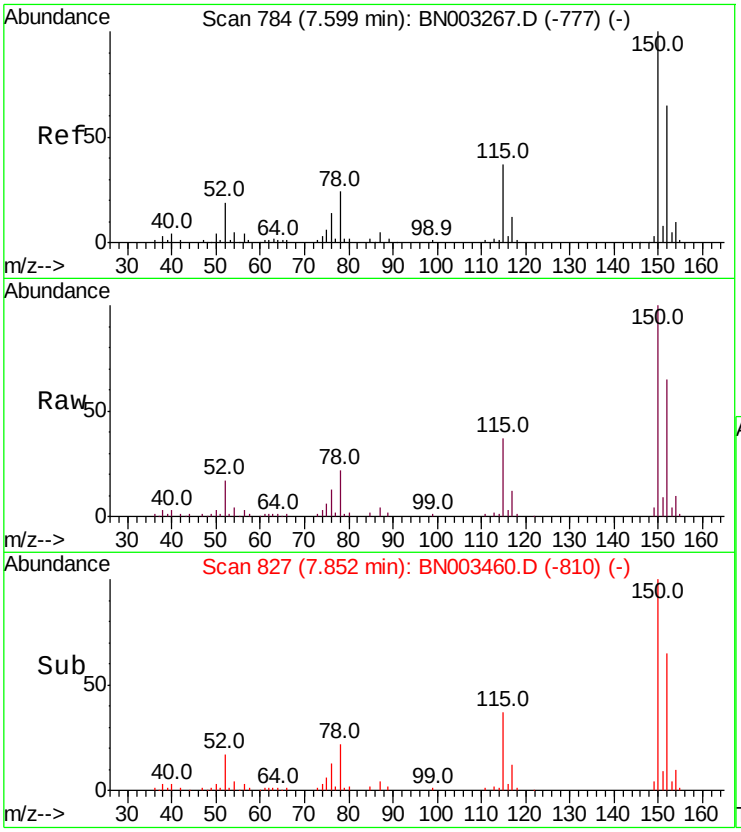


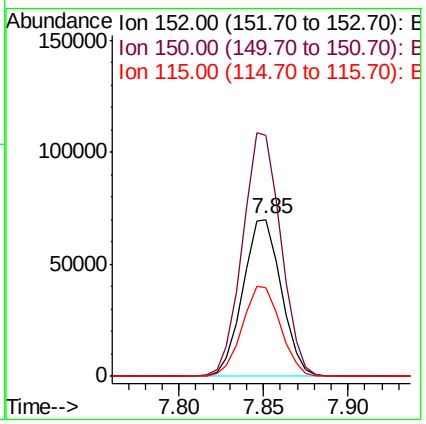


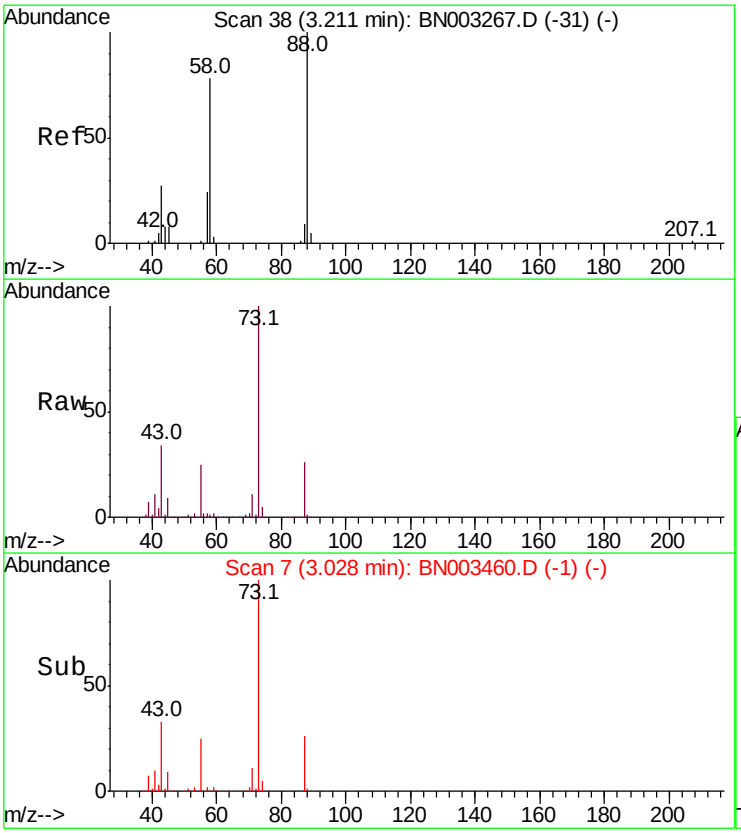
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 110972

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.8
115	56.3	45.9	68.9

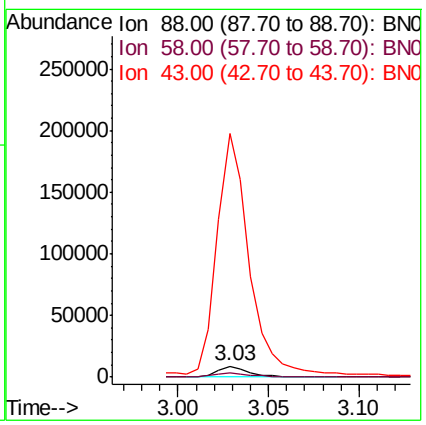


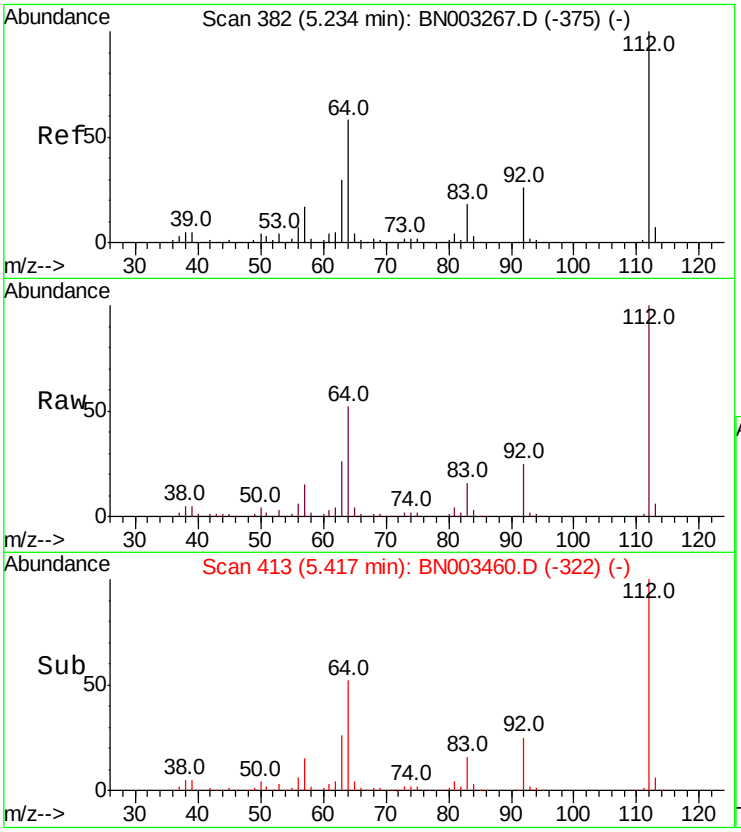


#2
1,4-Dioxane
Concen: 3.693 ng
RT: 3.03 min Scan# 7
Delta R.T. -0.31 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion: 88 Resp: 11173

Ion	Ratio	Lower	Upper
88	100		
58	22.3	61.1	91.7#
43	2162.2	22.2	33.4#



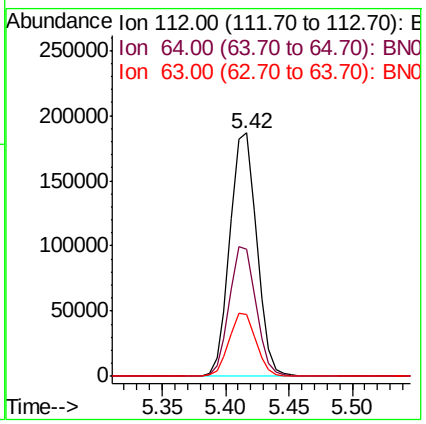


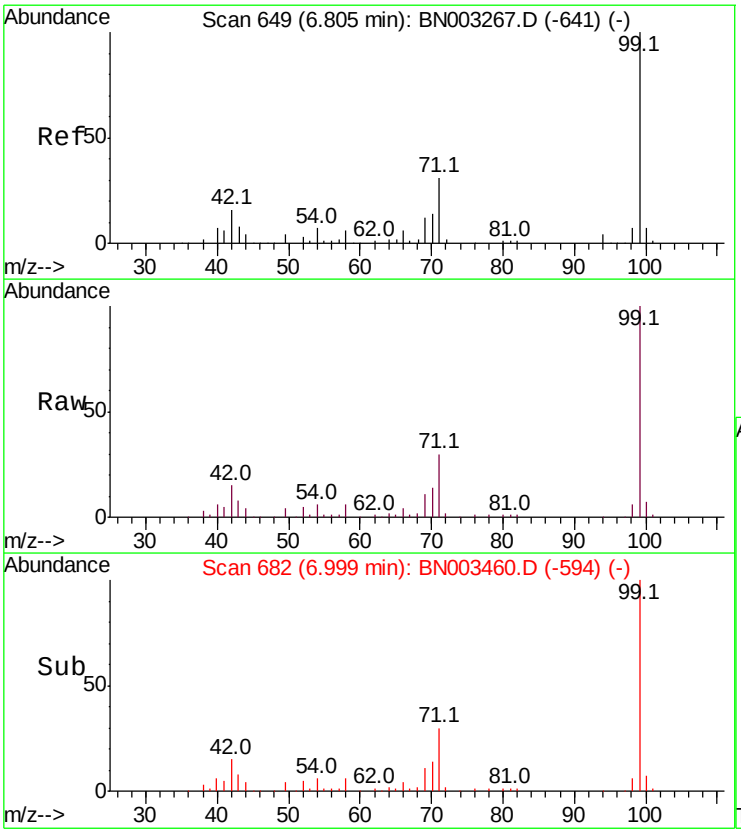
#5
2-Fluorophenol
Concen: 42.846 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 272987

Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.6	69.8
63	25.6	23.8	35.8

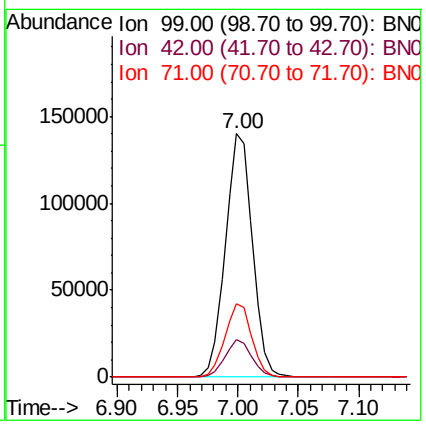


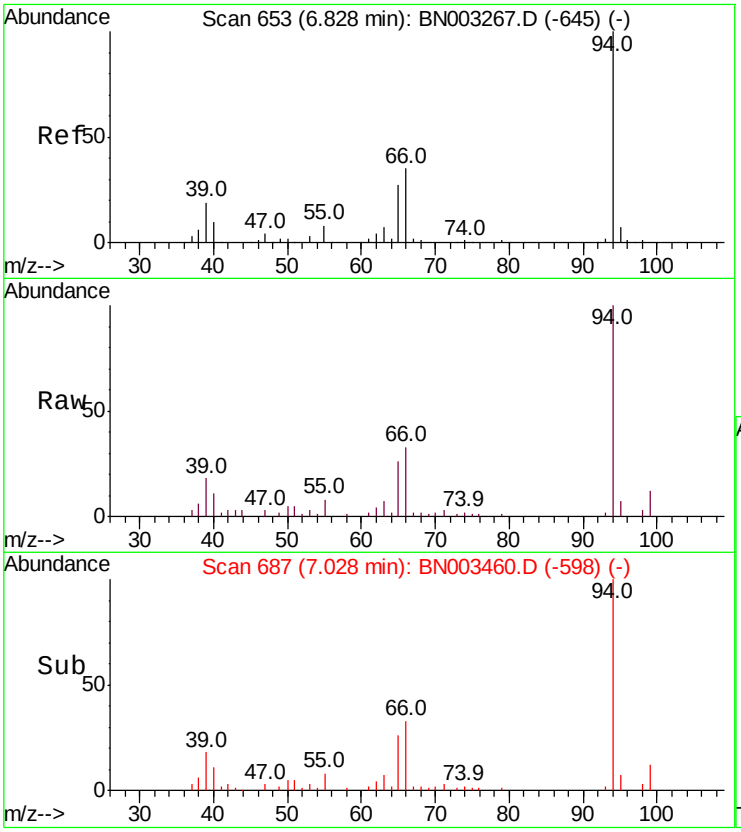


#7
Phenol-d6
Concen: 23.965 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion: 99 Resp: 217118

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.6
71	30.1	24.5	36.7



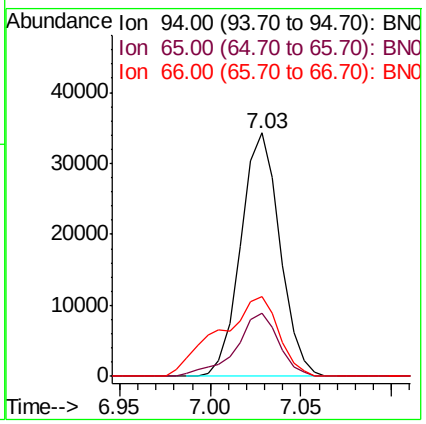


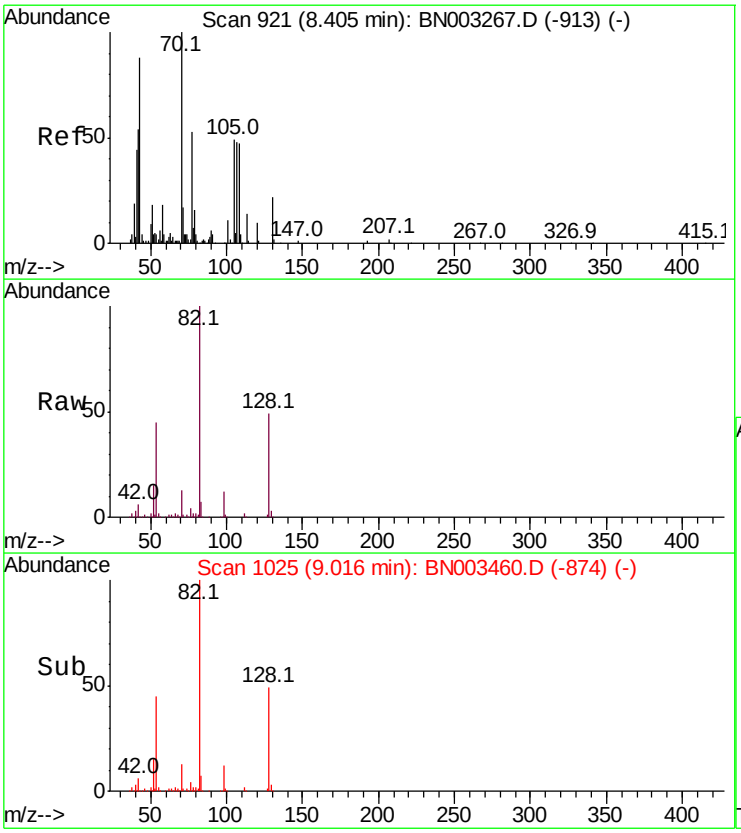
#10
Phenol
Concen: 5.378 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 51418

Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.7	47.7
66	32.6	15.8	55.8

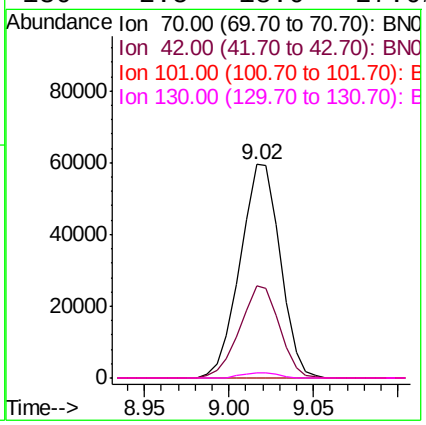


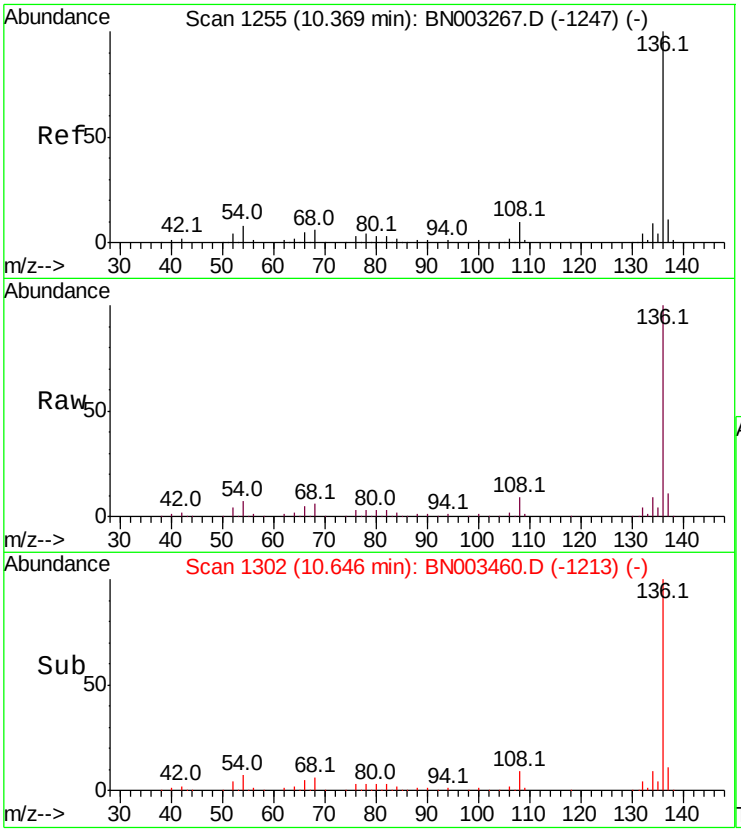


#19
n-Nitroso-di-n-propylamine
Concen: 15.069 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion: 70 Resp: 98446

Ion	Ratio	Lower	Upper
70	100		
42	43.1	43.5	65.3#
101	0.0	8.6	12.8#
130	2.5	18.0	27.0#



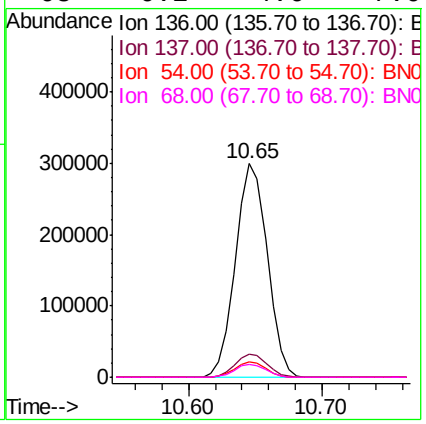


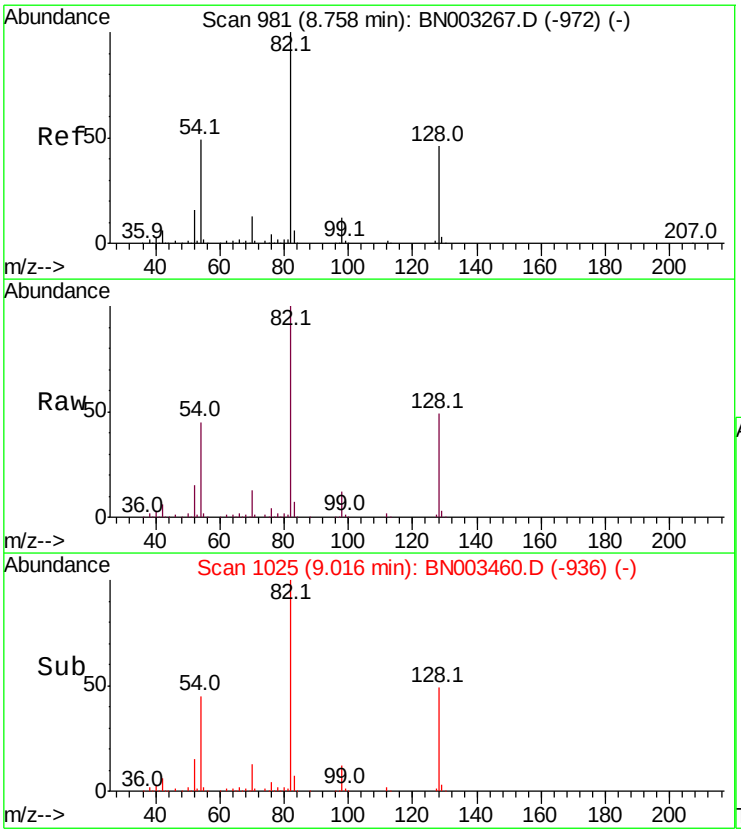
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 495295

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.2	6.6	10.0
68	6.2	4.6	7.0

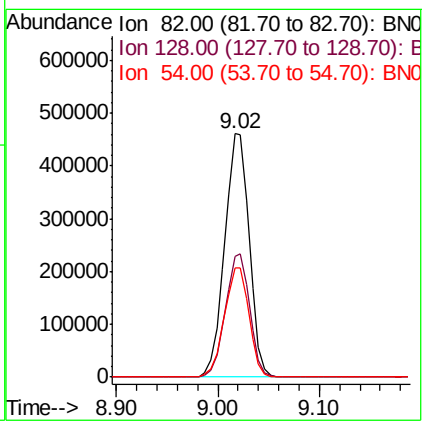


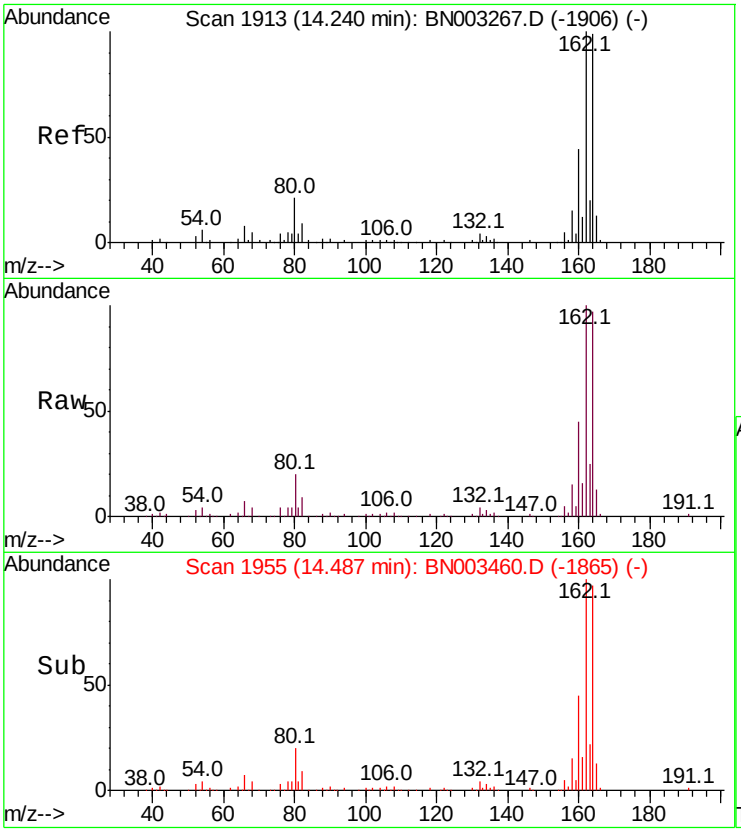


#23
Nitrobenzene-d5
Concen: 89.513 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion: 82 Resp: 773074

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.1	55.7
54	44.9	39.4	59.2



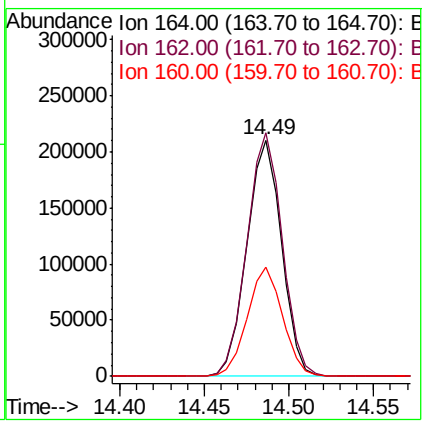


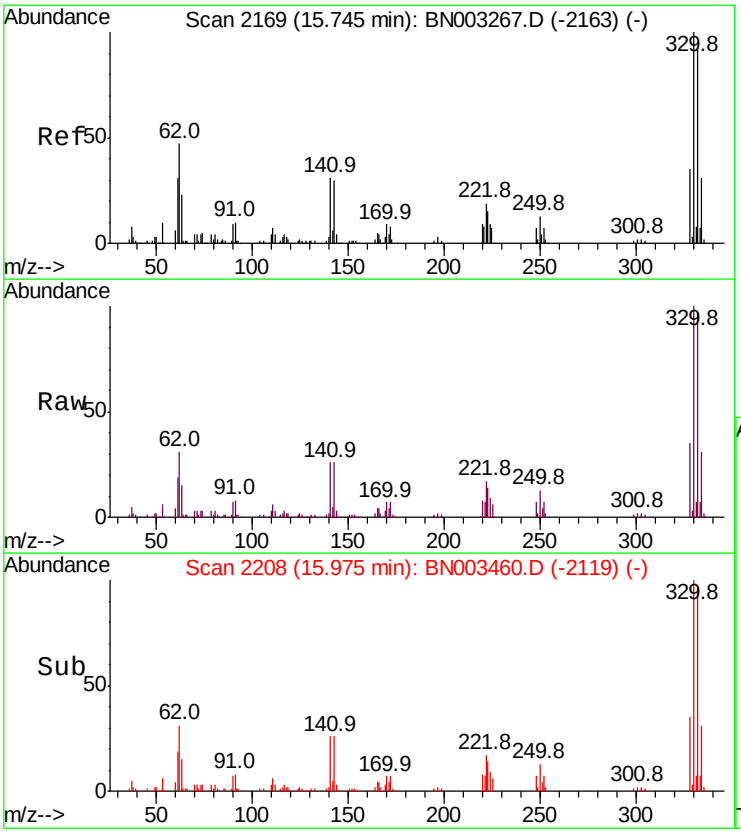
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 301262

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.8	121.2
160	46.1	35.5	53.3

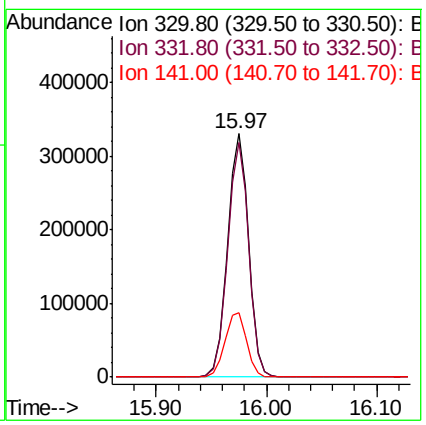


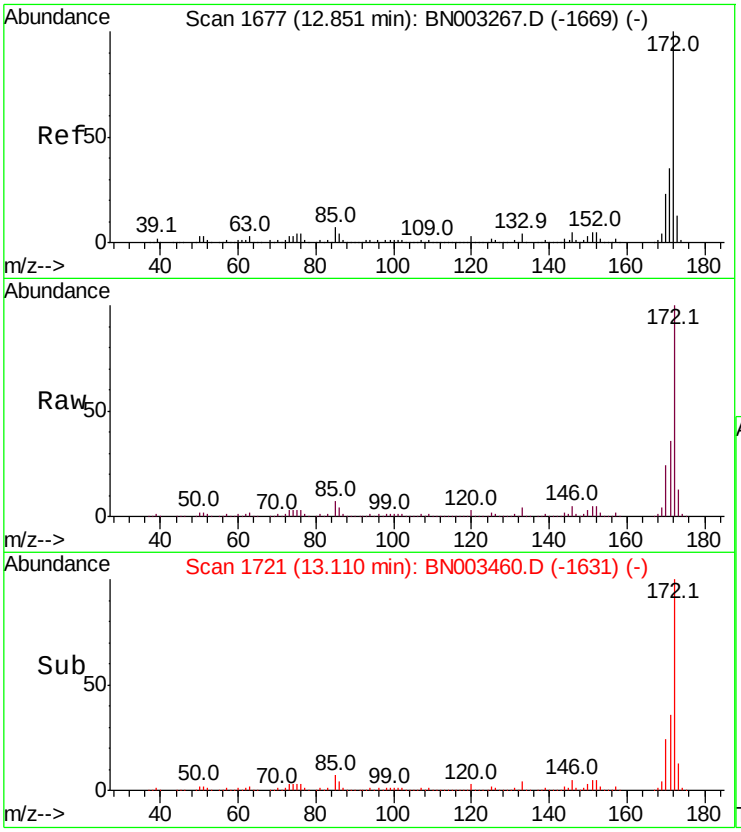


#42
2,4,6-Tribromophenol
Concen: 108.857 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion:330 Resp: 441587

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	27.3	24.5	36.7



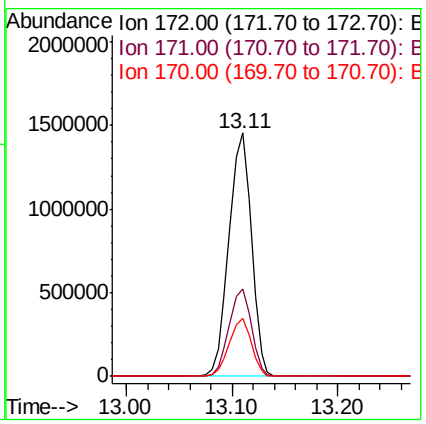


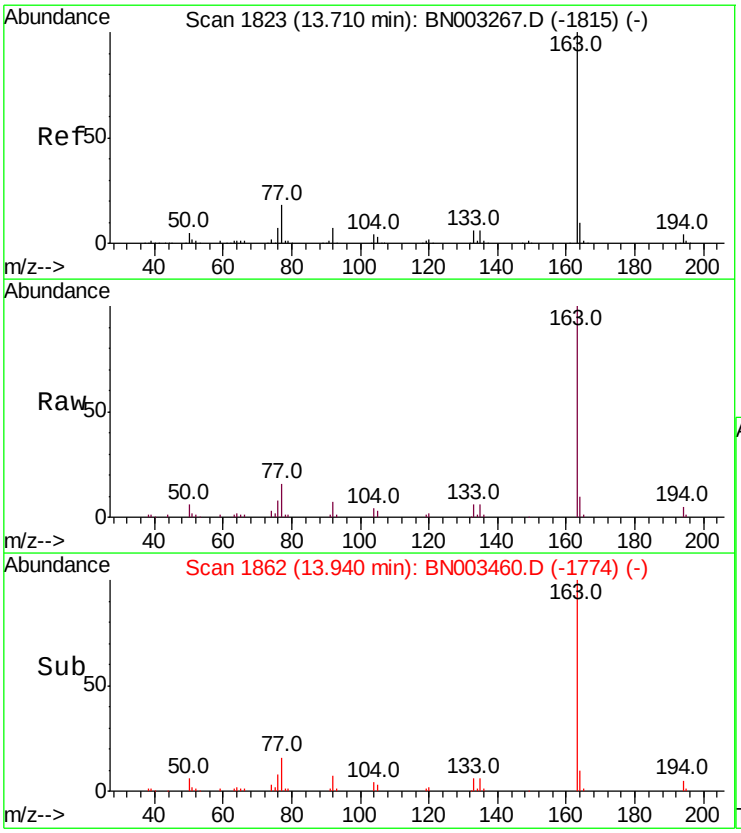
#45
2-Fluorobiphenyl
Concen: 96.069 ng
RT: 13.11 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2133701

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.7	18.4	27.6

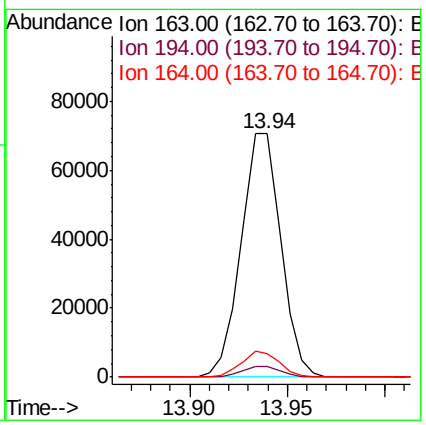


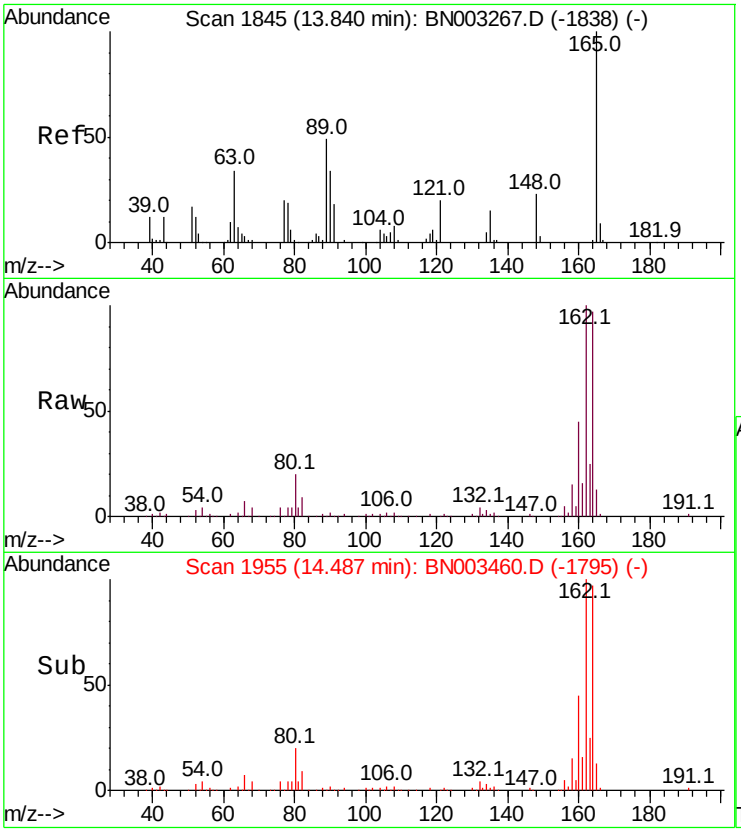


#50
Dimethylphthalate
Concen: 4.096 ng
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion:163 Resp: 99776

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.6	7.9	11.9



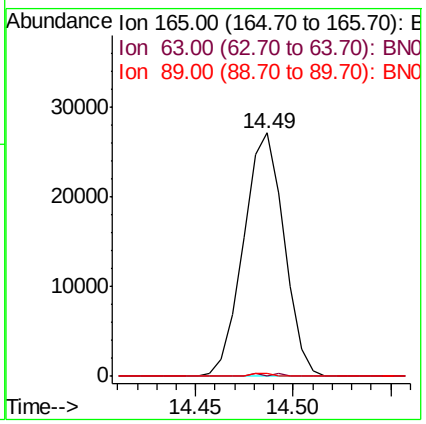


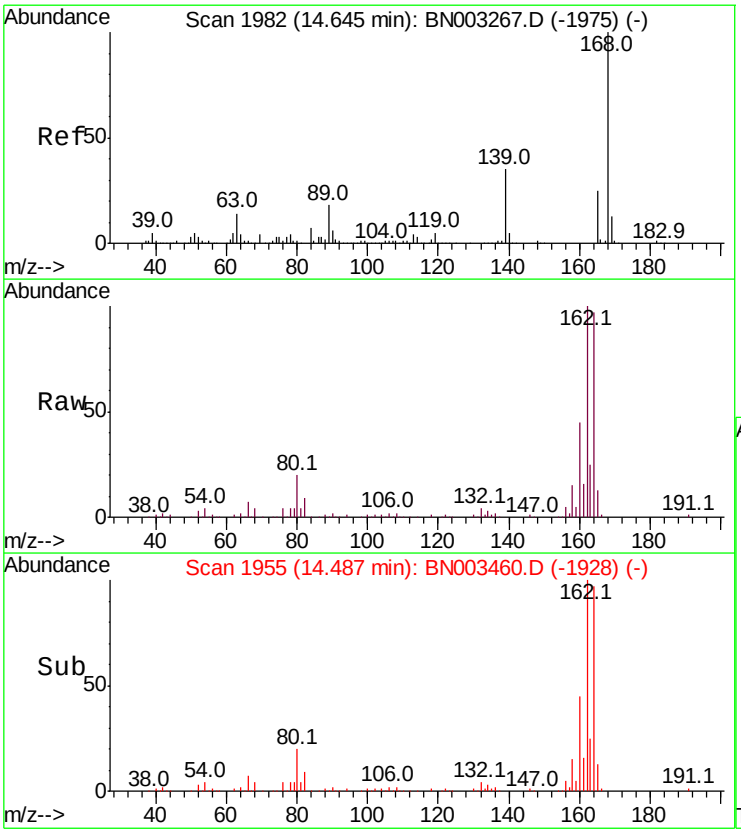
#51
2,6-Dinitrotoluene
Concen: 7.070 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 39090

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.2	58.8#
89	1.3	38.9	58.3#

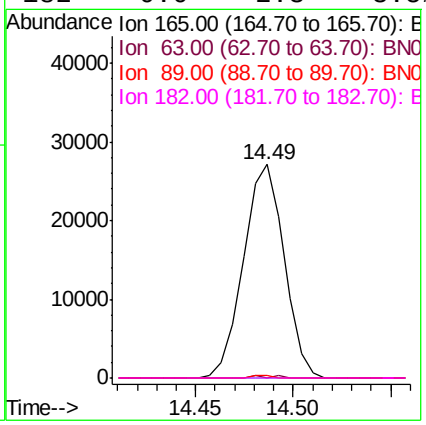


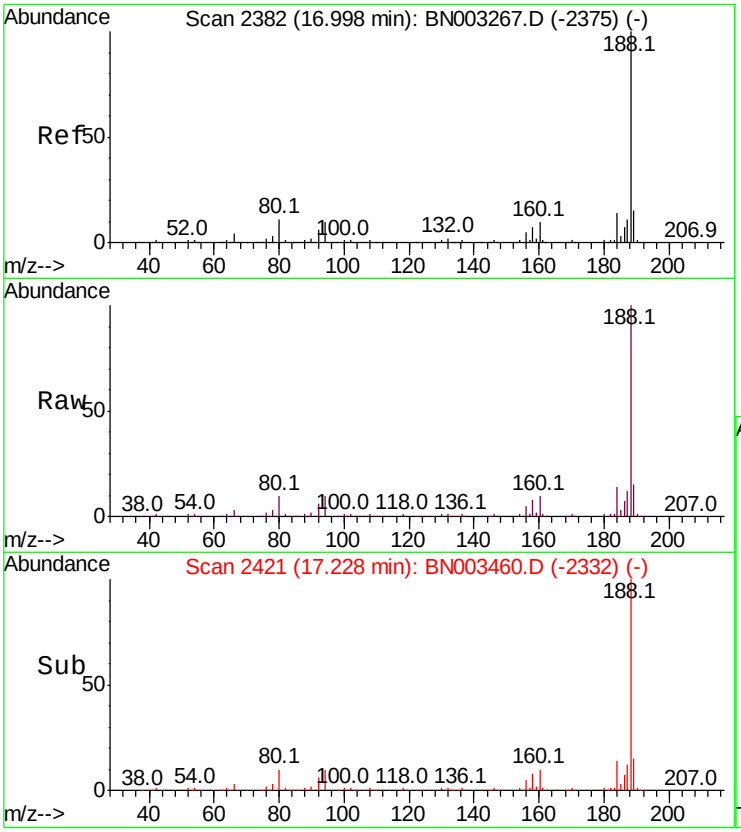


#57
2,4-Dinitrotoluene
Concen: 5.215 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.37 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion:165 Resp: 39090

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.6#
89	1.3	58.7	88.1#
182	0.0	2.3	3.5#



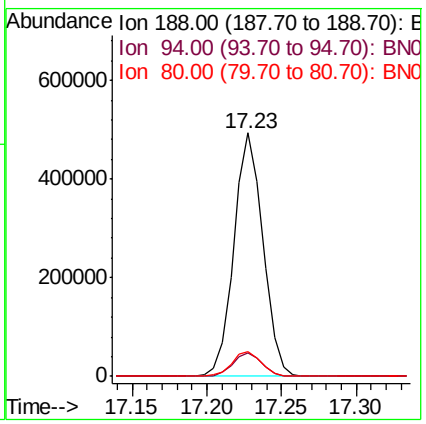


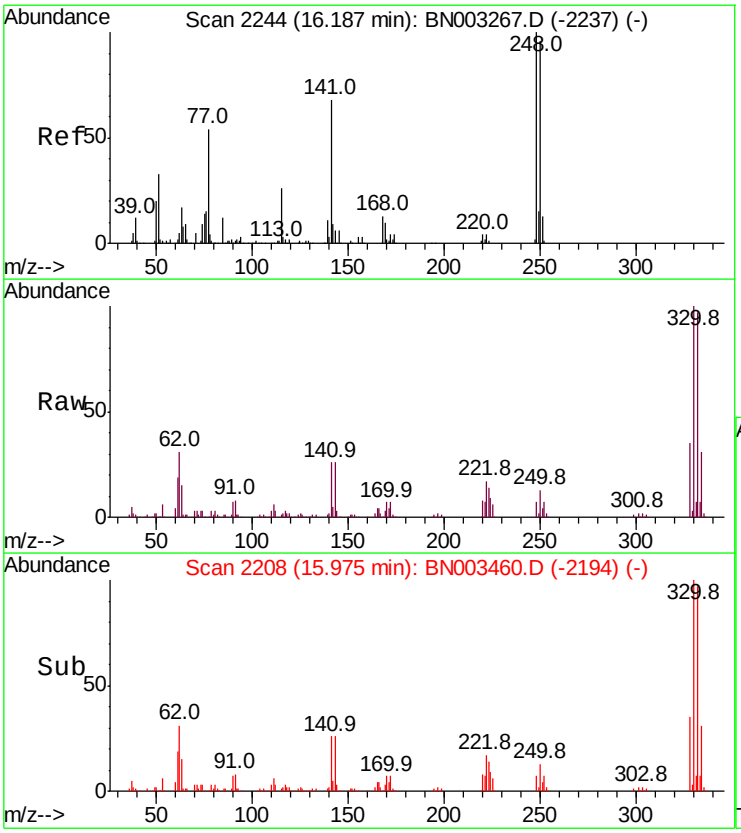
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 668888

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.4	8.6	13.0

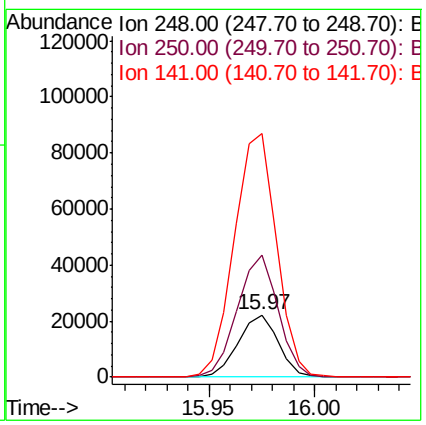


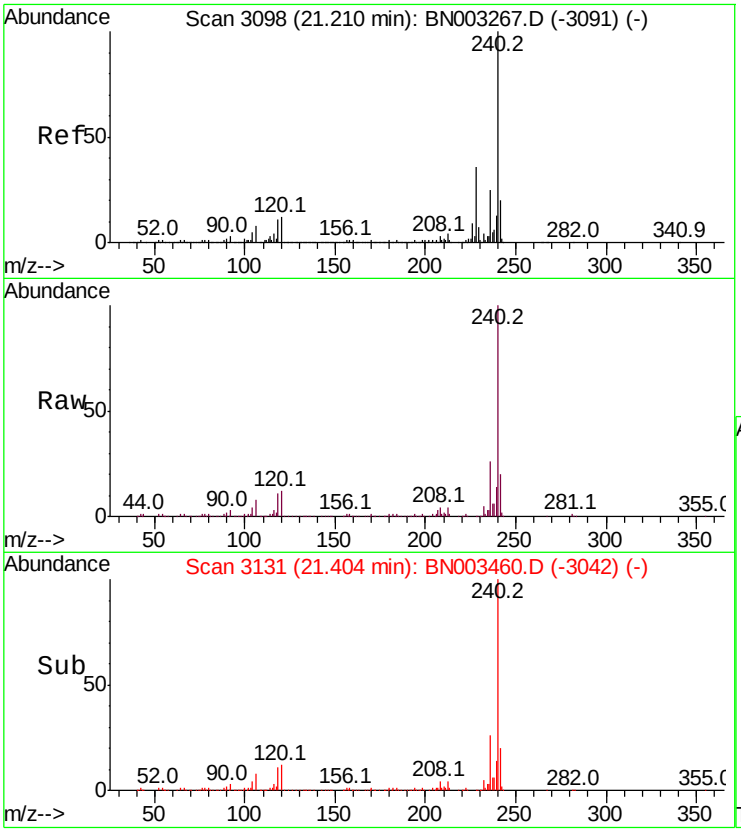


#67
4-Bromophenyl-phenylether
Concen: 3.874 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion:248 Resp: 29184

Ion	Ratio	Lower	Upper
248	100		
250	195.7	76.4	114.6#
141	391.9	54.2	81.4#



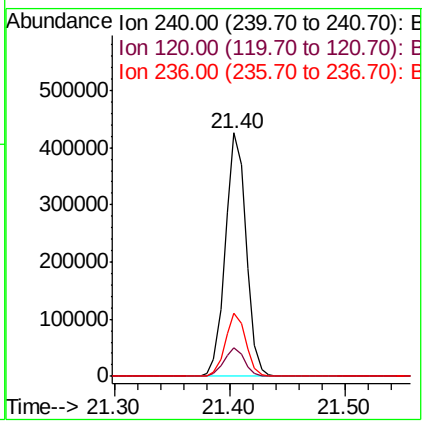


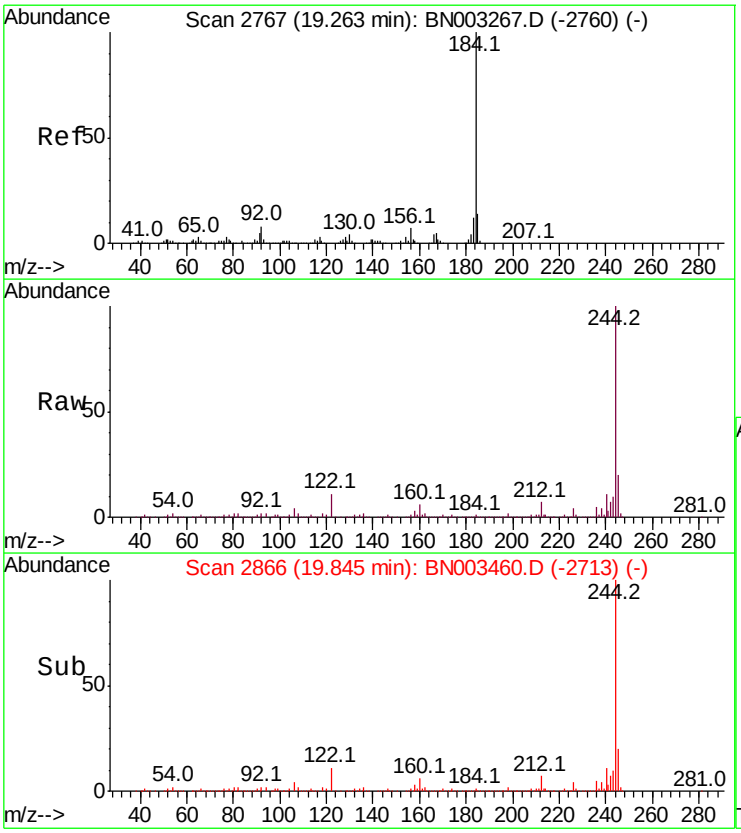
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 526744

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.0
236	25.8	20.3	30.5

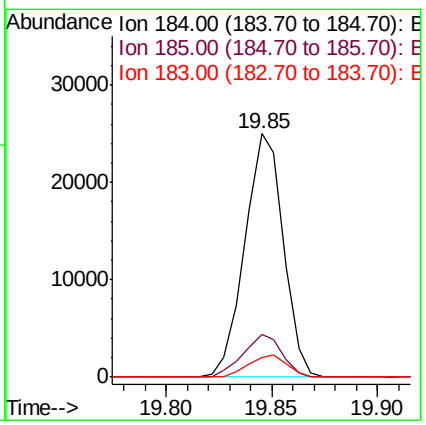


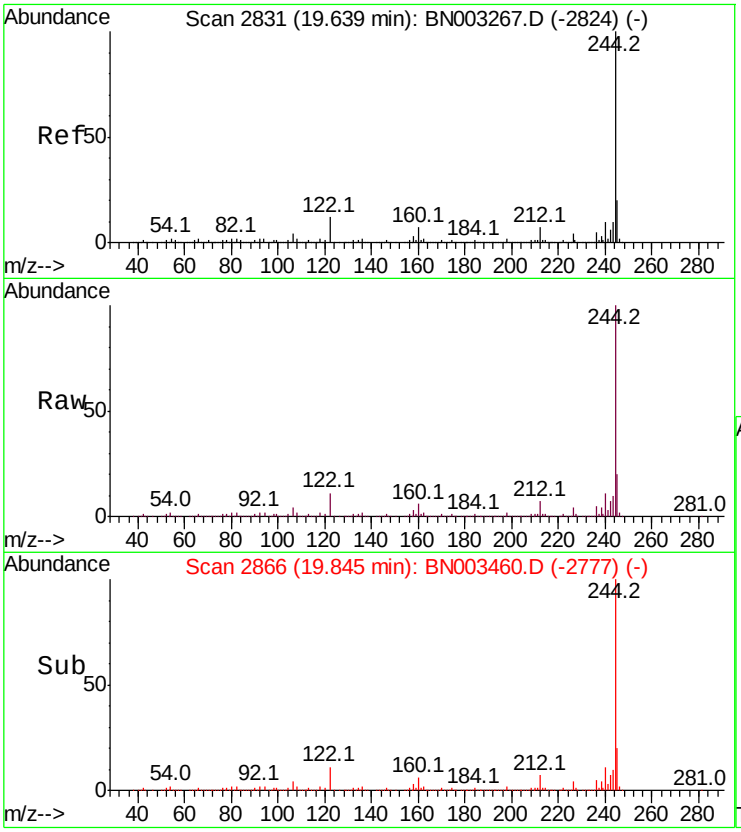


#77
Benzidine
Concen: 2.053 ng
RT: 19.85 min Scan# 2866
Delta R.T. 0.37 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion:184 Resp: 31651

Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.5	17.3#
183	8.3	9.4	14.0#



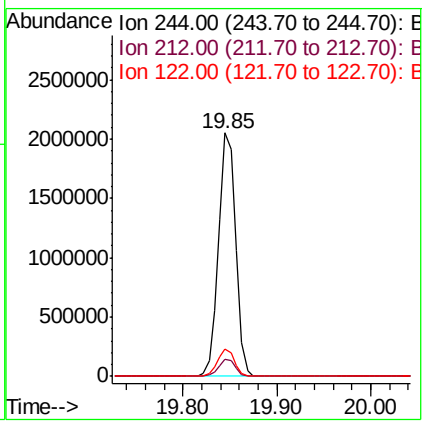


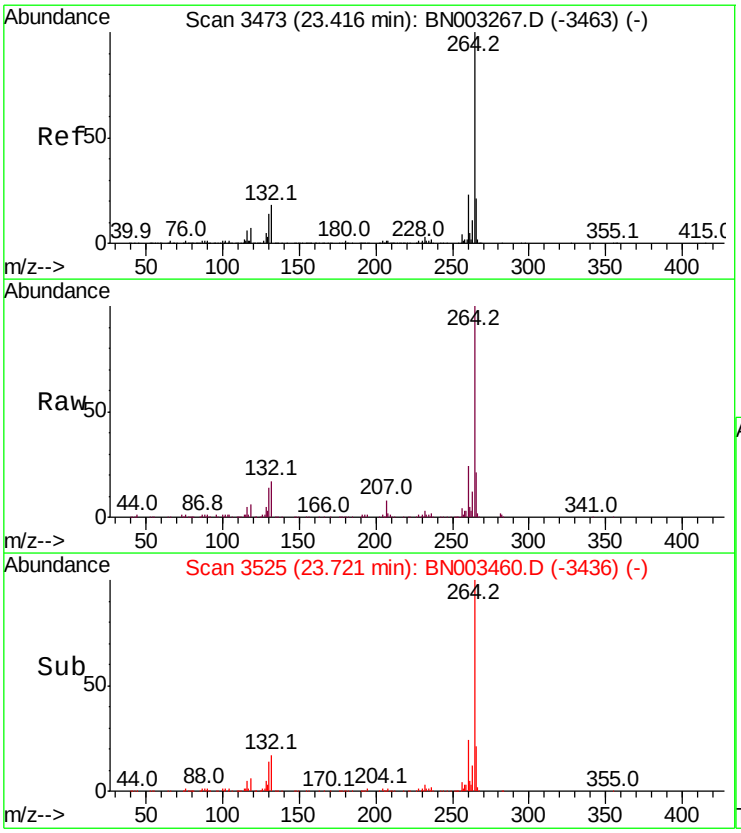
#79
Terphenyl-d14
Concen: 106.309 ng
RT: 19.85 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2618499

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.2	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003460.D
Acq: 07 Nov 2018 20:05

Tgt Ion:264 Resp: 508979

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.3	16.6	25.0