Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
Data File : BN003465.D
Acq On : 07 Nov 2018 23:00
Operator : MJ/SJ
Sample : J5829-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 08 14:34:03 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	97939	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	441649	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	267979	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	587881	20.00	ng		0.00
76) Chrysene-d12	21.40	240	463555	20.00	ng		0.00
87) Perylene-d12	23.72	264	457080	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	242485	43.12	ng		0.00
7) Phenol-d6	7.00	99	196031	24.52	ng		-0.01
23) Nitrobenzene-d5	9.02	82	698063	90.65	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	390356	108.18	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	1930830	97.73	ng		0.00
79) Terphenyl-d14	19.84	244	2316210	106.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	10170	3.809	ng	#	1
10) Phenol	7.03	94	24373	2.889	ng		95
19) n-Nitroso-di-n-propylamine	9.02	70	88686	15.382	ng	#	76
51) 2,6-Dinitrotoluene	14.49	165	34577	7.031	ng	#	28
57) 2,4-Dinitrotoluene	14.49	165	34577	5.185	ng	#	19
67) 4-Bromophenyl-phenylether	15.97	248	25169	3.801	ng	#	1
77) Benzidine	19.84	184	27721	2.043	ng	#	94

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

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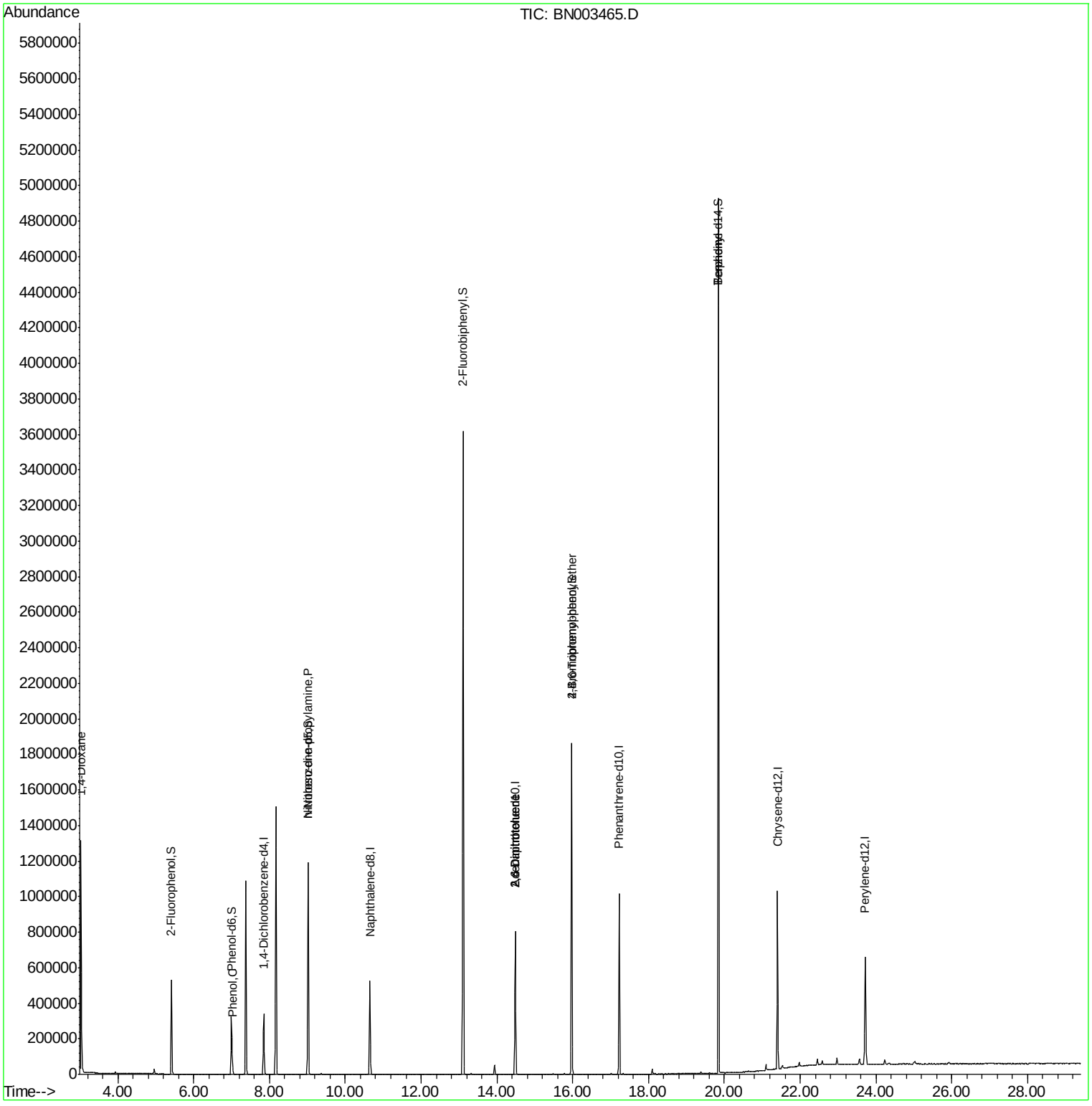
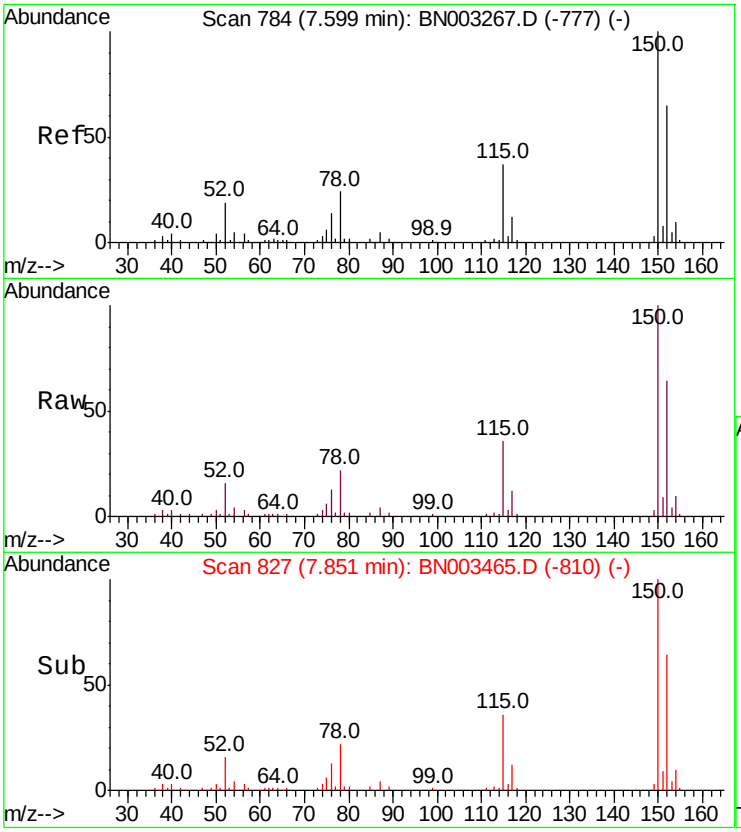


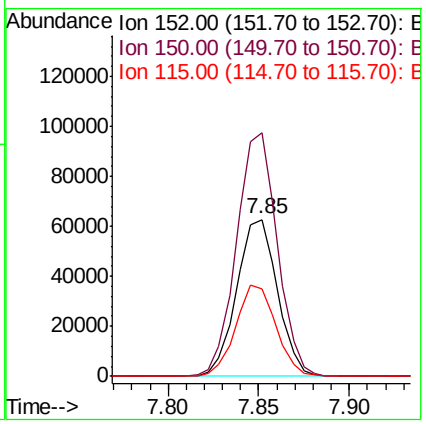


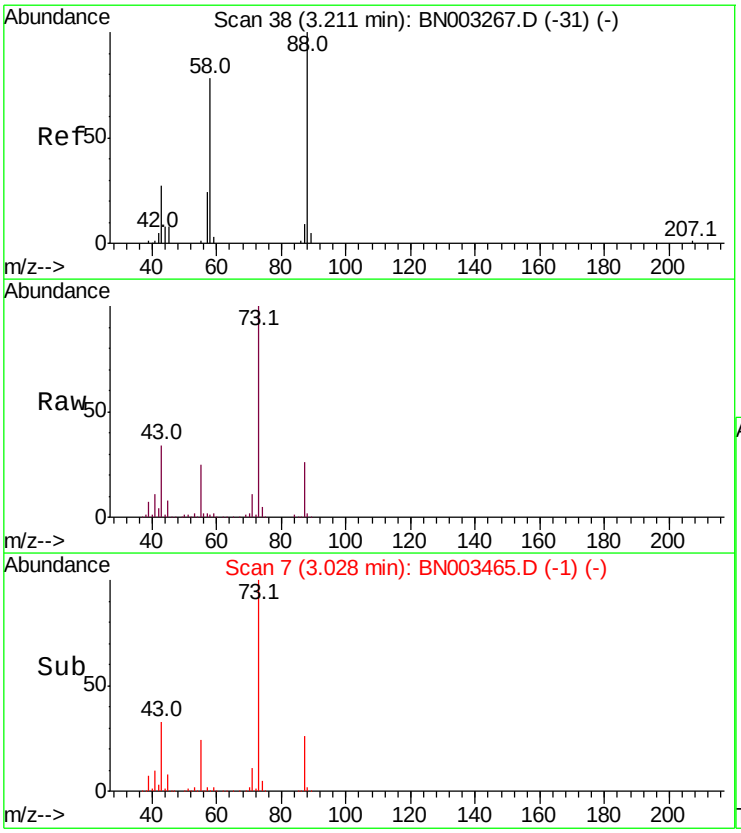
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 97939

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.8
115	55.7	45.9	68.9

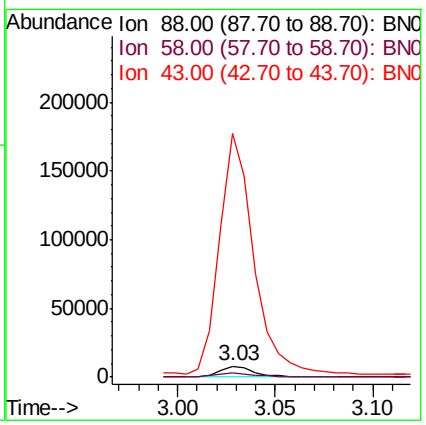


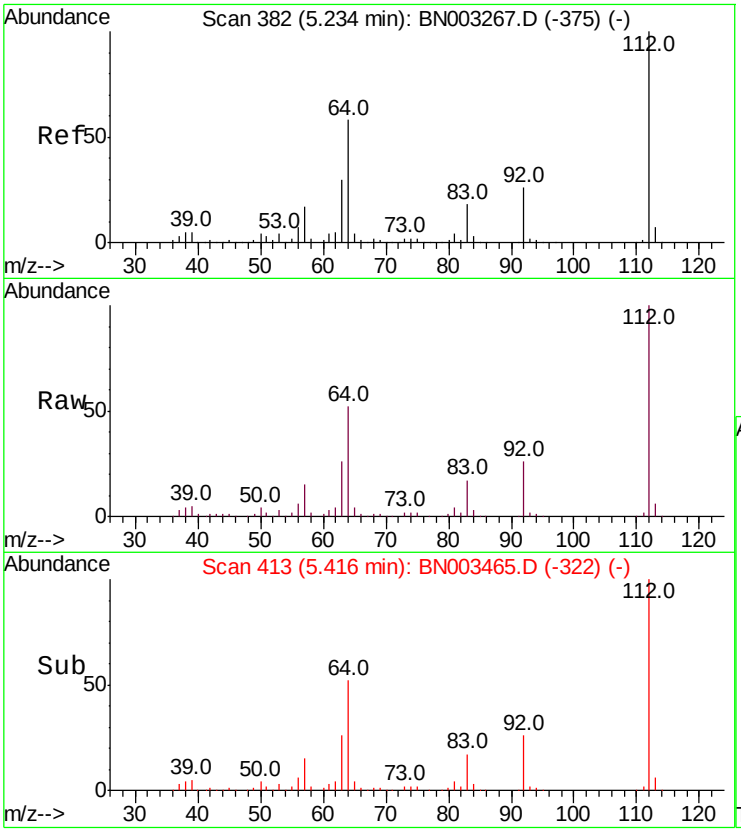


#2
1,4-Dioxane
Concen: 3.809 ng
RT: 3.03 min Scan# 7
Delta R.T. -0.31 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 88 Resp: 10170

Ion	Ratio	Lower	Upper
88	100		
58	24.1	61.1	91.7#
43	2120.2	22.2	33.4#



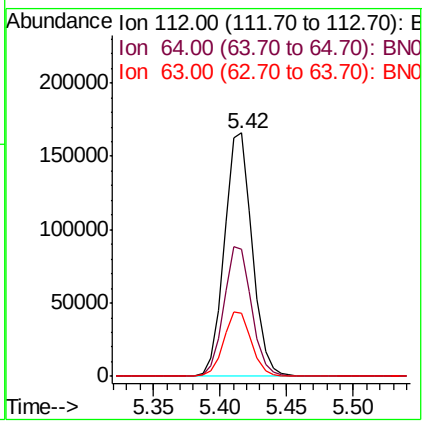


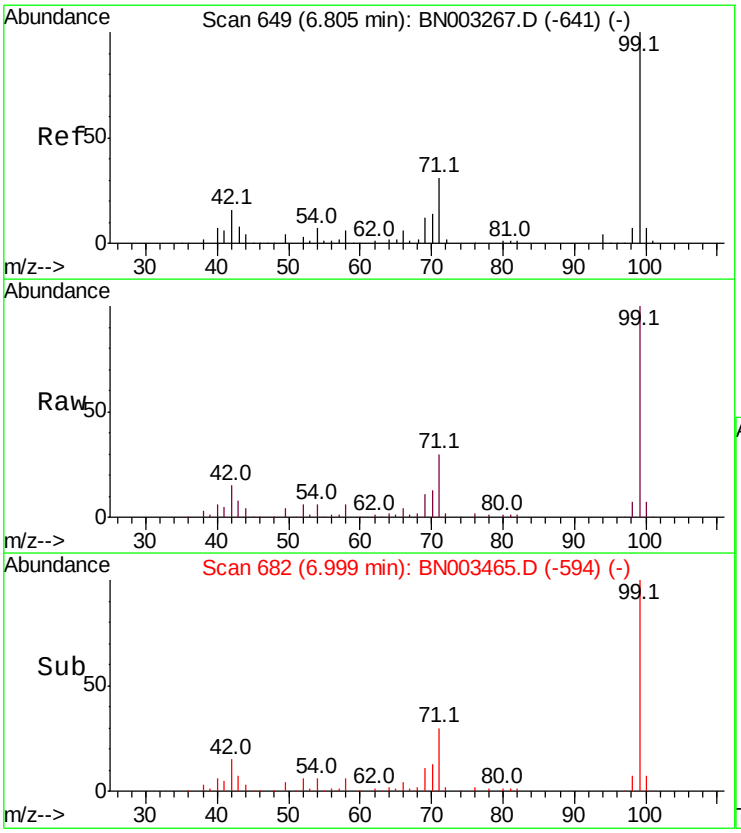
#5
2-Fluorophenol
Concen: 43.124 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 242485

Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.6	69.8
63	25.8	23.8	35.8

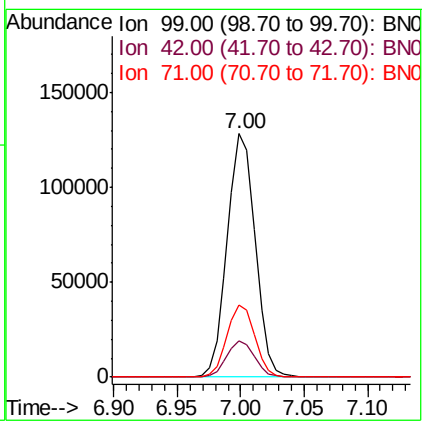


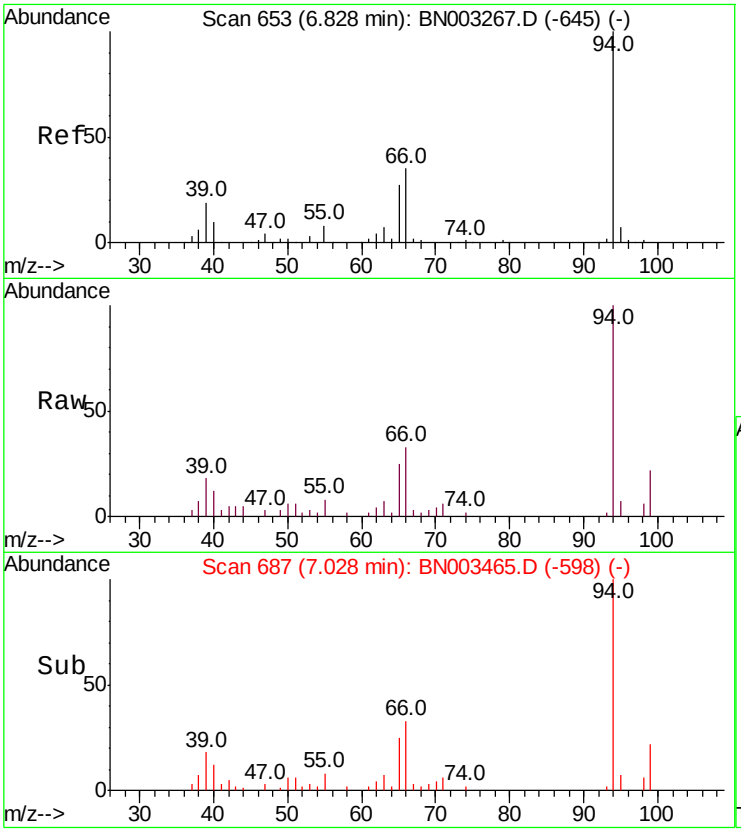


#7
Phenol-d6
Concen: 24.517 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 99 Resp: 196031

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.0	19.6
71	29.8	24.5	36.7



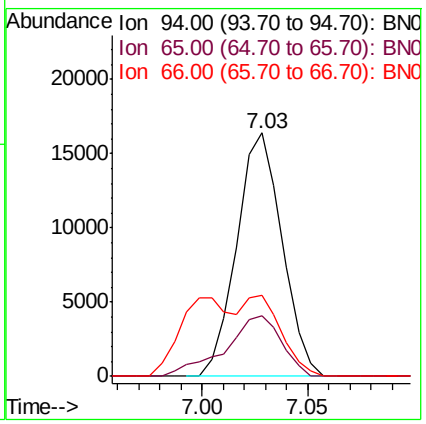


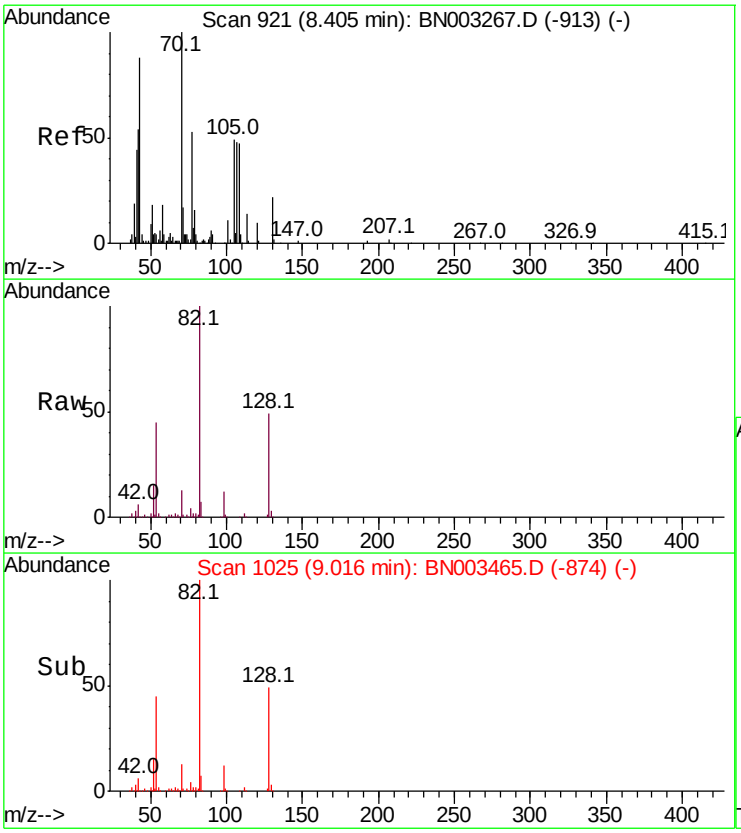
#10
Phenol
Concen: 2.889 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 24373

Ion	Ratio	Lower	Upper
94	100		
65	25.0	7.7	47.7
66	33.2	15.8	55.8

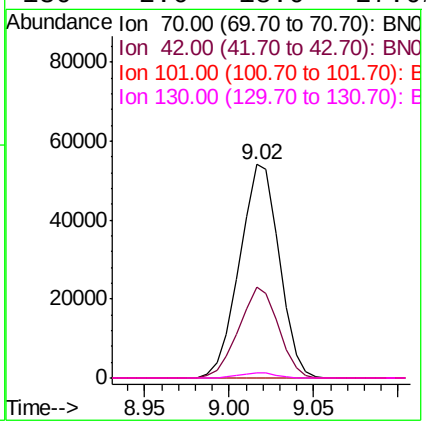


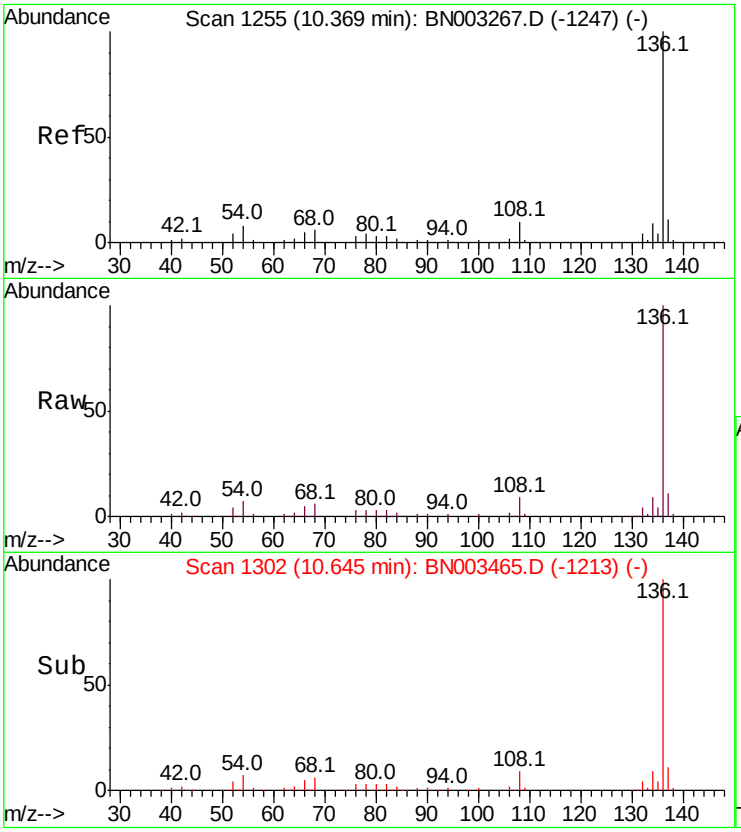


#19
n-Nitroso-di-n-propylamine
Concen: 15.382 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 70 Resp: 88686

Ion	Ratio	Lower	Upper
70	100		
42	42.6	43.5	65.3#
101	0.0	8.6	12.8#
130	2.6	18.0	27.0#



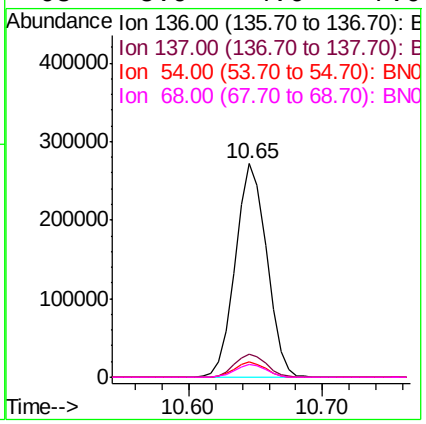


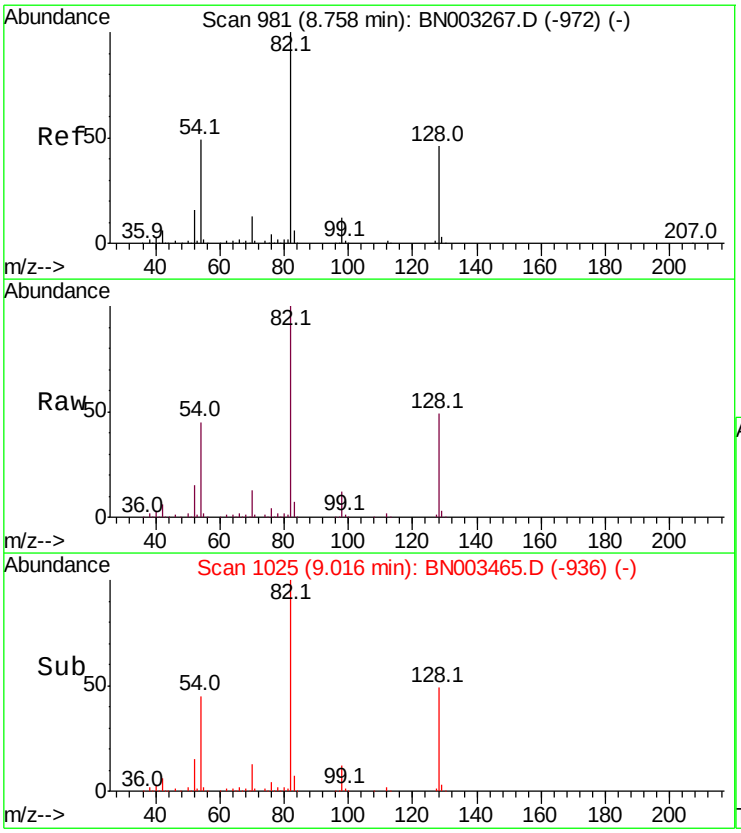
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 441649

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	6.6	10.0
68	5.9	4.6	7.0

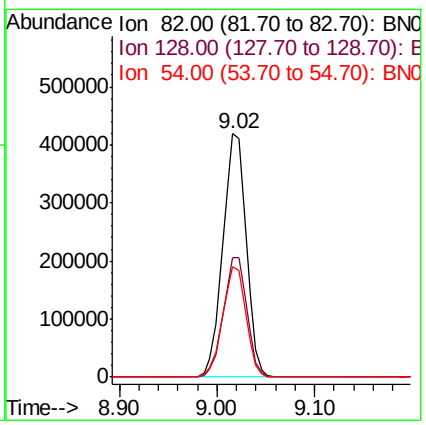


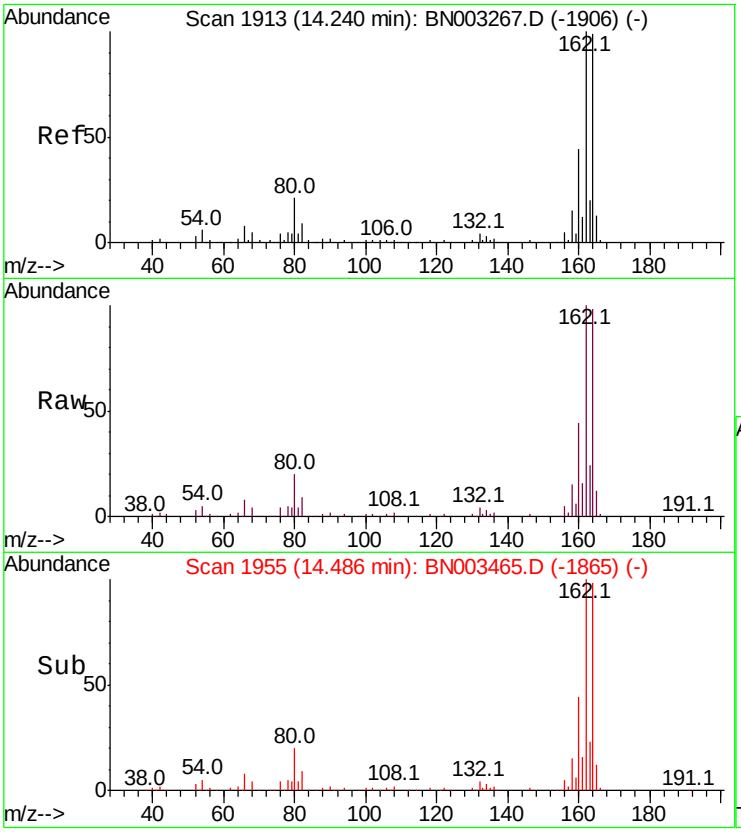


#23
Nitrobenzene-d5
Concen: 90.645 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 82 Resp: 698063

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.1	55.7
54	45.2	39.4	59.2



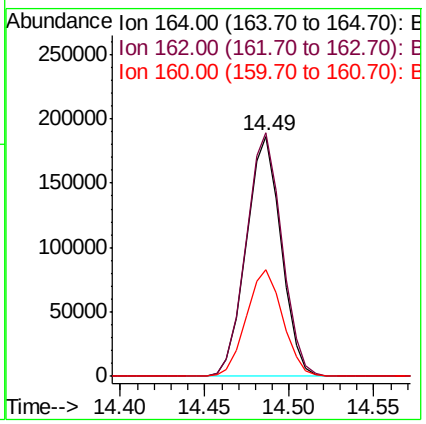


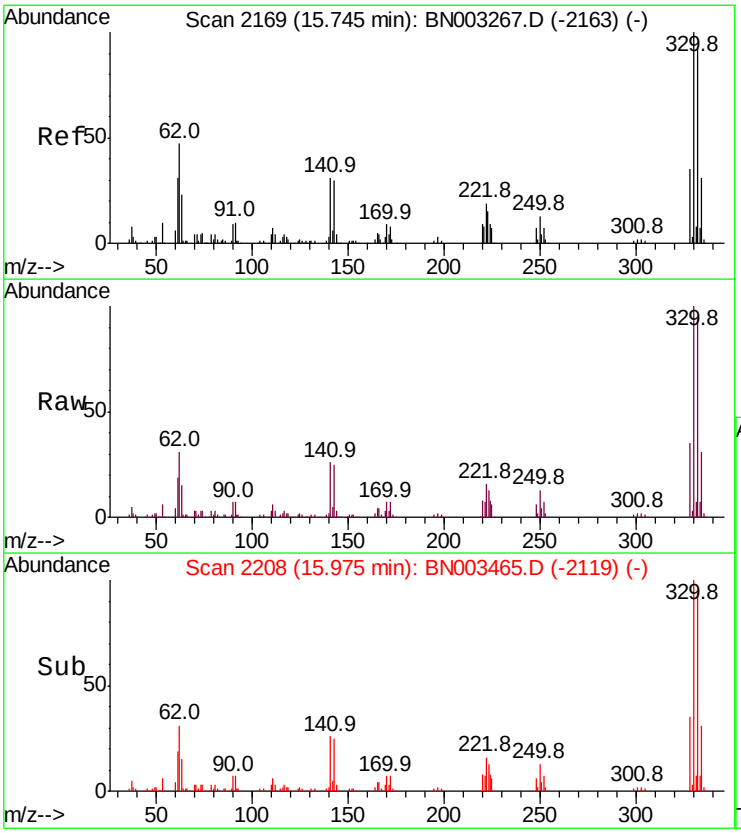
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 267979

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	44.7	35.5	53.3

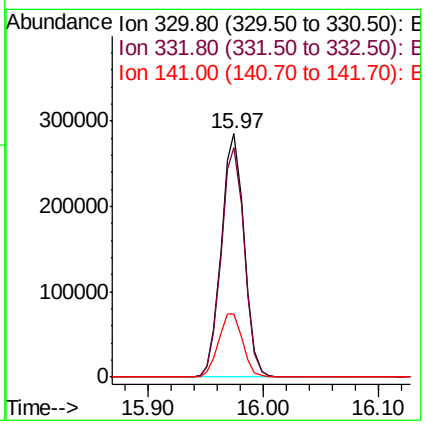


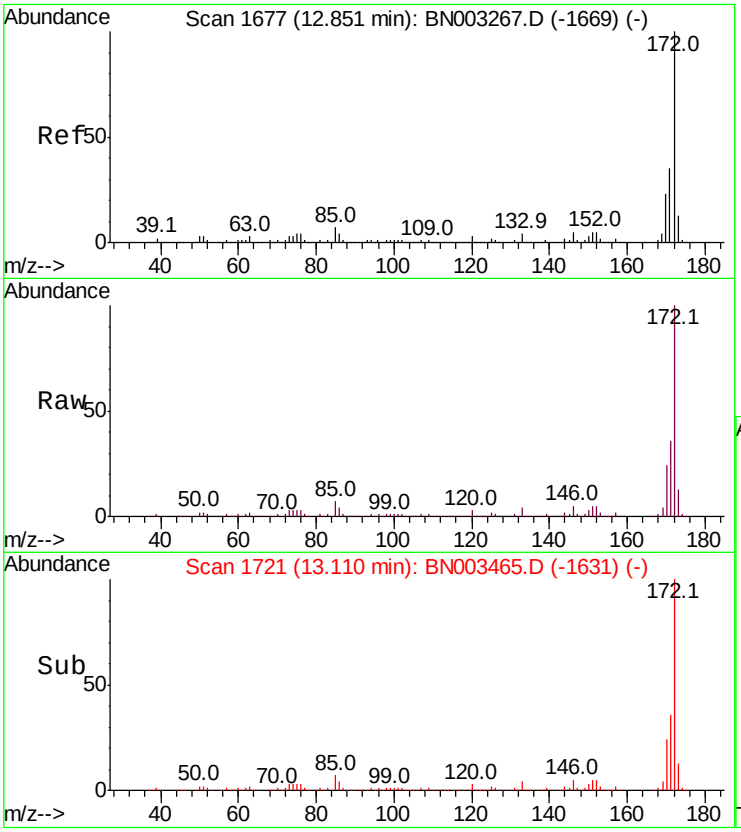


#42
2,4,6-Tribromophenol
Concen: 108.179 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion:330 Resp: 390356

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	27.5	24.5	36.7



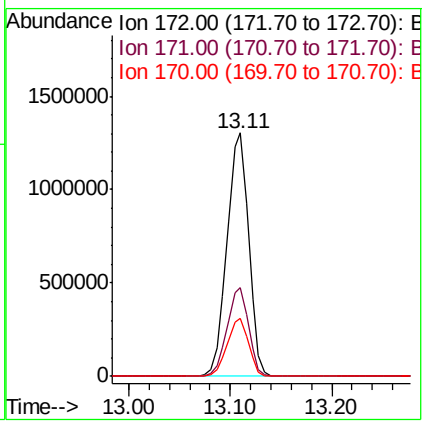


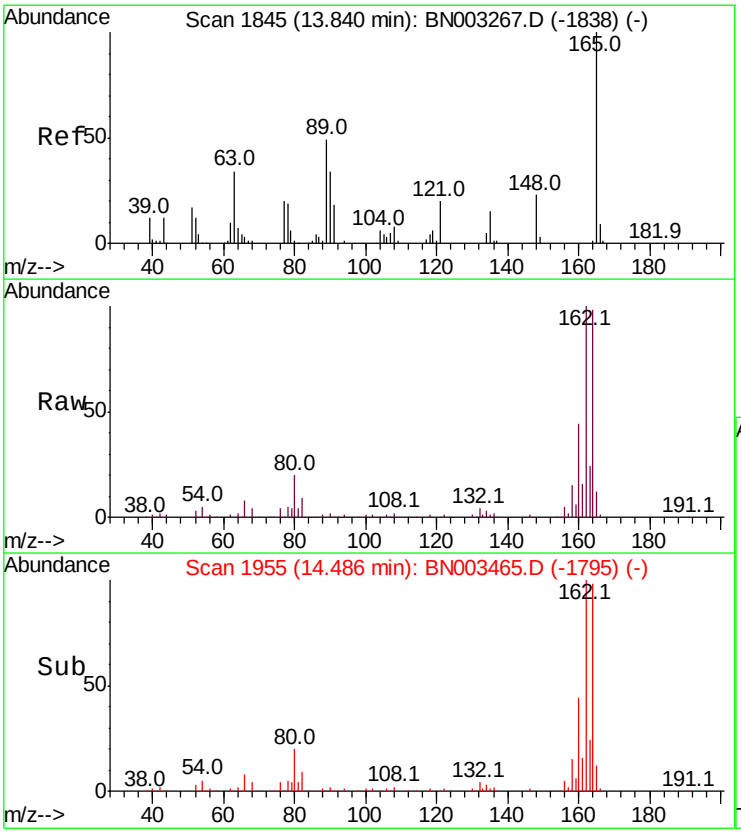
#45
2-Fluorobiphenyl
Concen: 97.733 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1930830

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.4
170	23.6	18.4	27.6

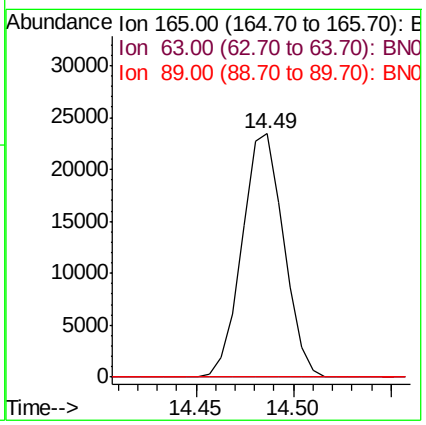


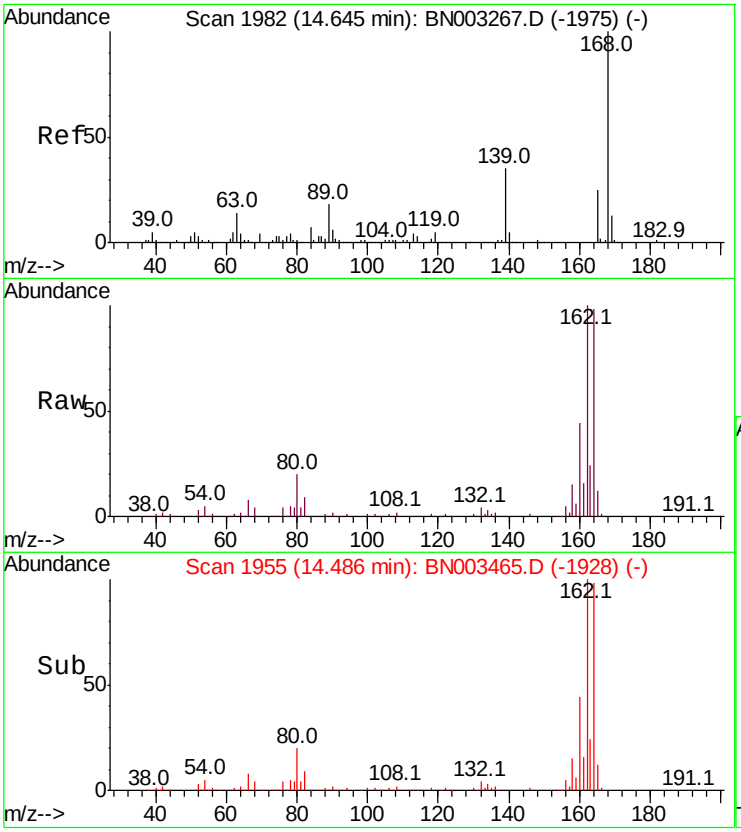


#51
2,6-Dinitrotoluene
Concen: 7.031 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion:165 Resp: 34577

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



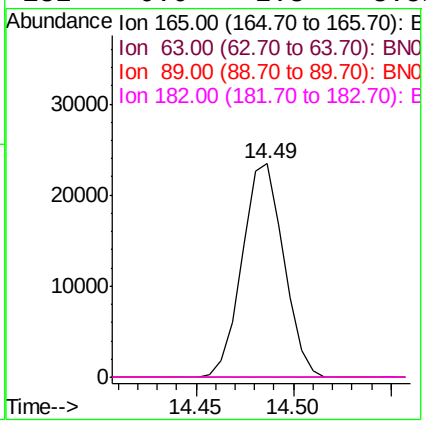


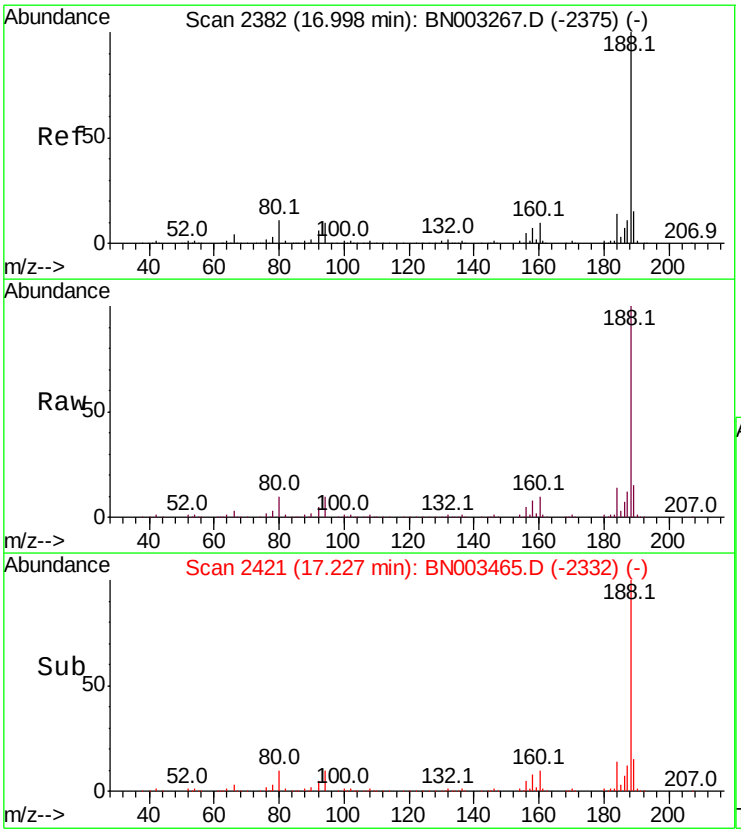
#57
2,4-Dinitrotoluene
Concen: 5.185 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.37 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 34577

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

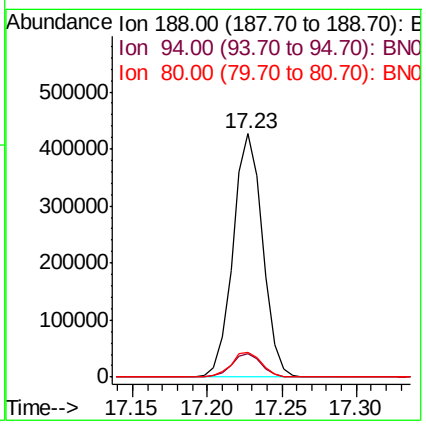


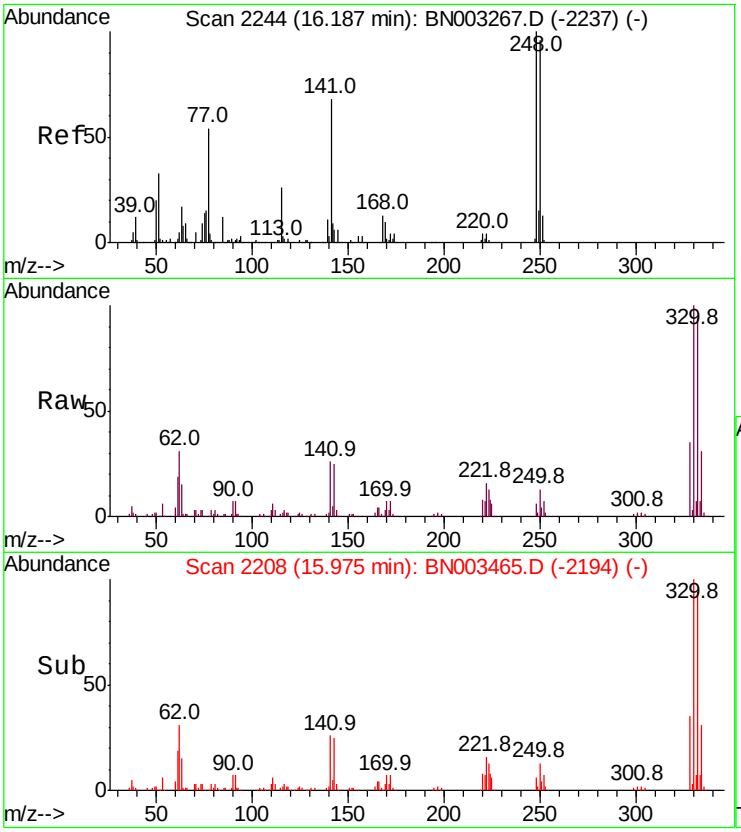


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion:188 Resp: 587881

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.3	8.6	13.0



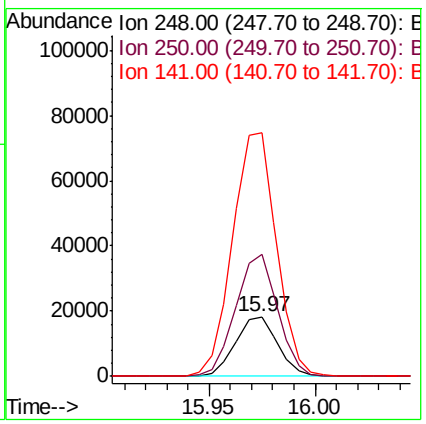


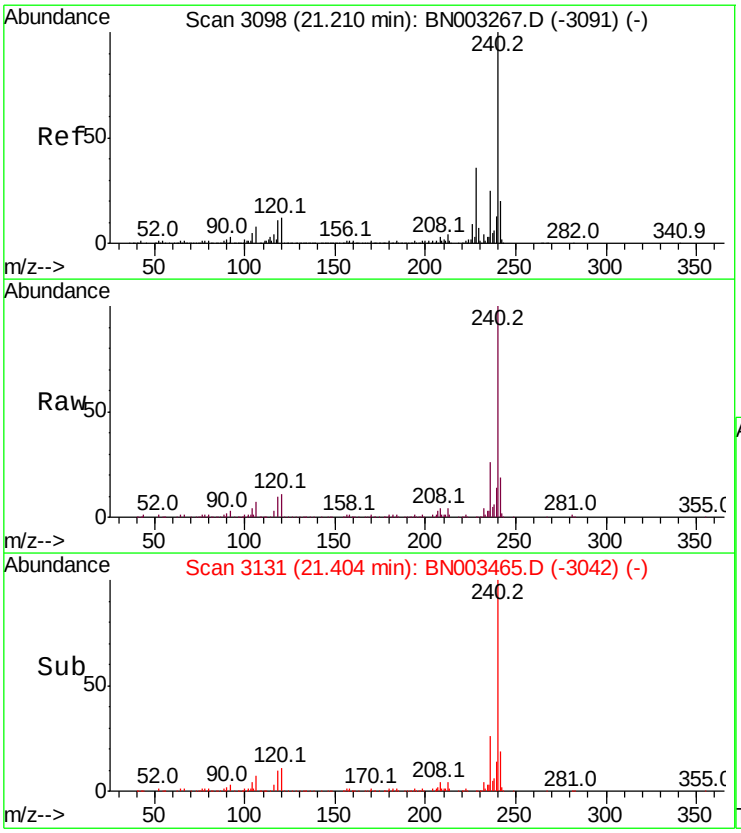
#67
4-Bromophenyl-phenylether
Concen: 3.801 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 25169

Ion	Ratio	Lower	Upper
248	100		
250	206.3	76.4	114.6#
141	409.7	54.2	81.4#

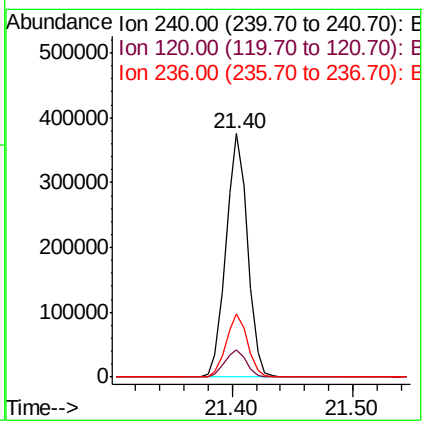


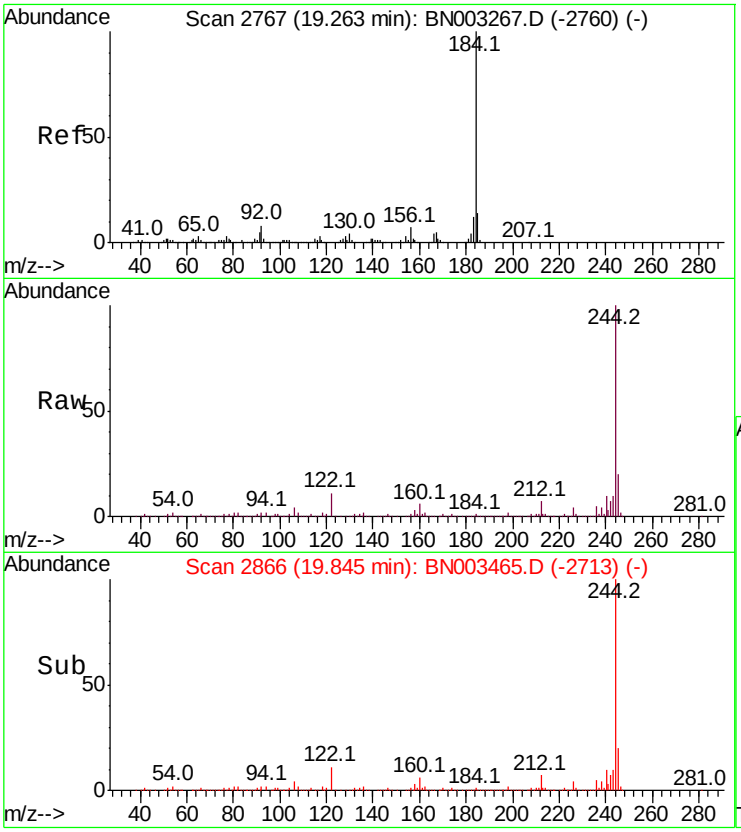


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion:240 Resp: 463555

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.0
236	25.7	20.3	30.5



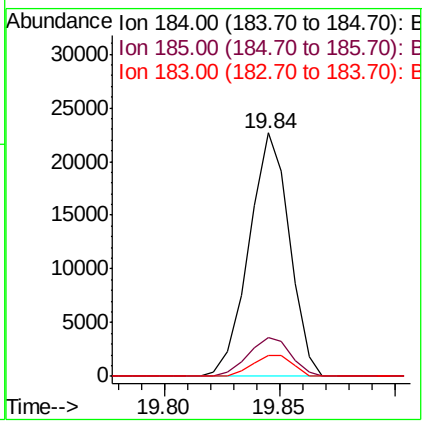


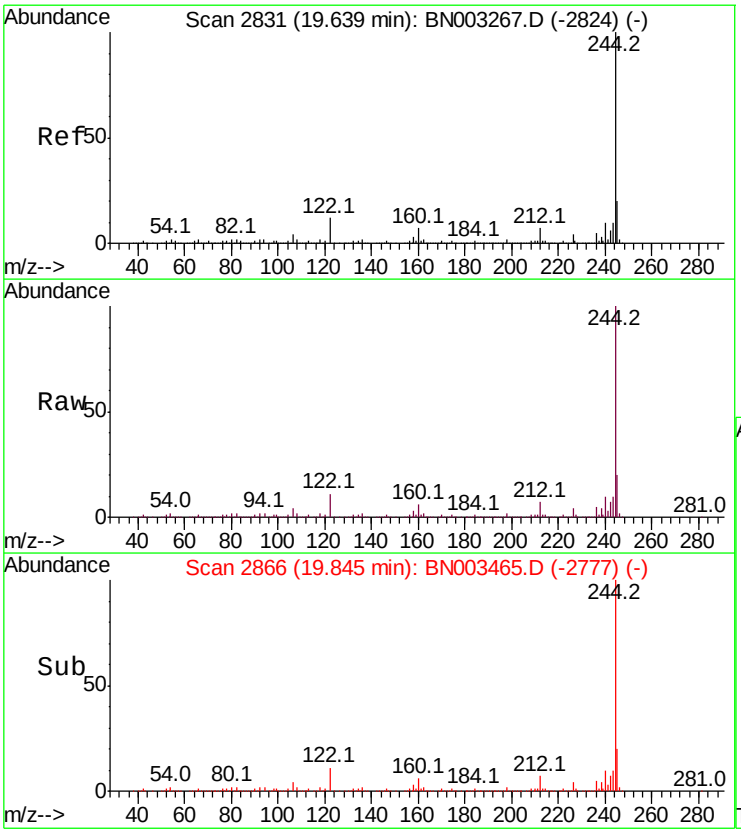
#77
Benzidine
Concen: 2.043 ng
RT: 19.84 min Scan# 2866
Delta R.T. 0.37 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:184 Resp: 27721

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.5	17.3
183	8.5	9.4	14.0#

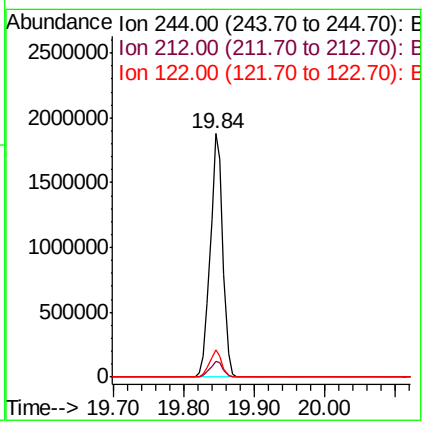


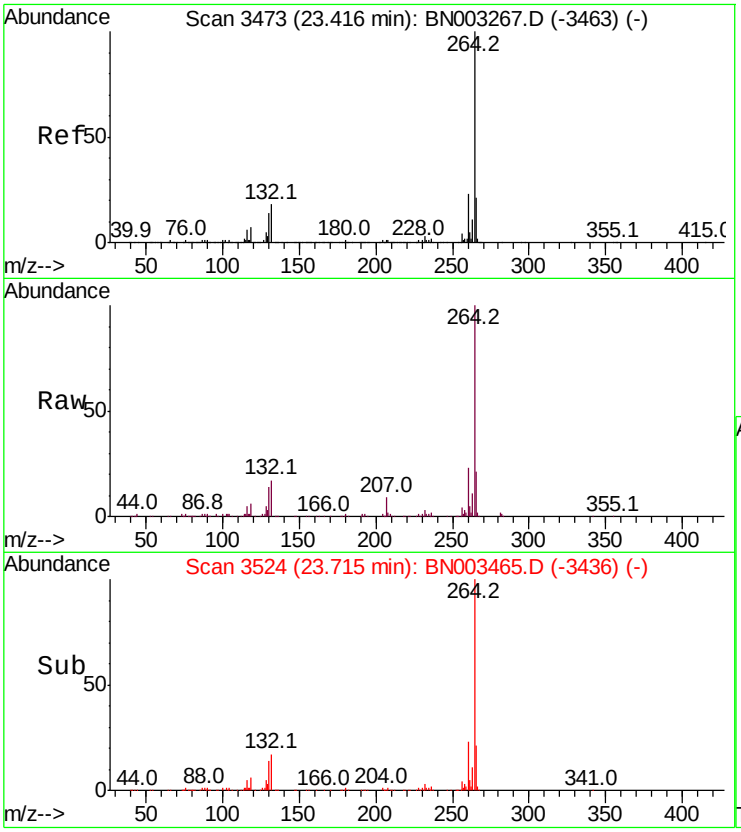


#79
Terphenyl-d14
Concen: 106.855 ng
RT: 19.84 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Tgt Ion:244 Resp: 2316210

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.0	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BN003465.D
Acq: 07 Nov 2018 23:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 457080

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.5	16.6	25.0