Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
Data File : BN003523.D
Acq On : 13 Nov 2018 21:52
Operator : MJ/SJ
Sample : J5908-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SR-3-S

Quant Time: Nov 14 01:11:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 15:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	101459	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	424279	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	250288	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	558032	20.00	ng	0.00
76) Chrysene-d12	21.40	240	455598	20.00	ng	0.00
87) Perylene-d12	23.72	264	453119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	616144	109.53	ng	0.00
7) Phenol-d6	7.00	99	728097	93.32	ng	0.00
23) Nitrobenzene-d5	9.02	82	546569	81.09	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	472196	126.55	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1515005	80.79	ng	0.00
79) Terphenyl-d14	19.85	244	2079336	89.85	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.02	70	69272	13.188	ng	# 76
32) Benzoic acid	9.85	122	115	5.239	ng	# 57
51) 2,6-Dinitrotoluene	14.48	165	31811	6.951	ng	# 32
57) 2,4-Dinitrotoluene	14.48	165	31811	5.142	ng	# 32
65) 4,6-Dinitro-2-methylphenol	15.97	198	843	5.133	ng	# 1
67) 4-Bromophenyl-phenylether	15.97	248	30431	4.323	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111318\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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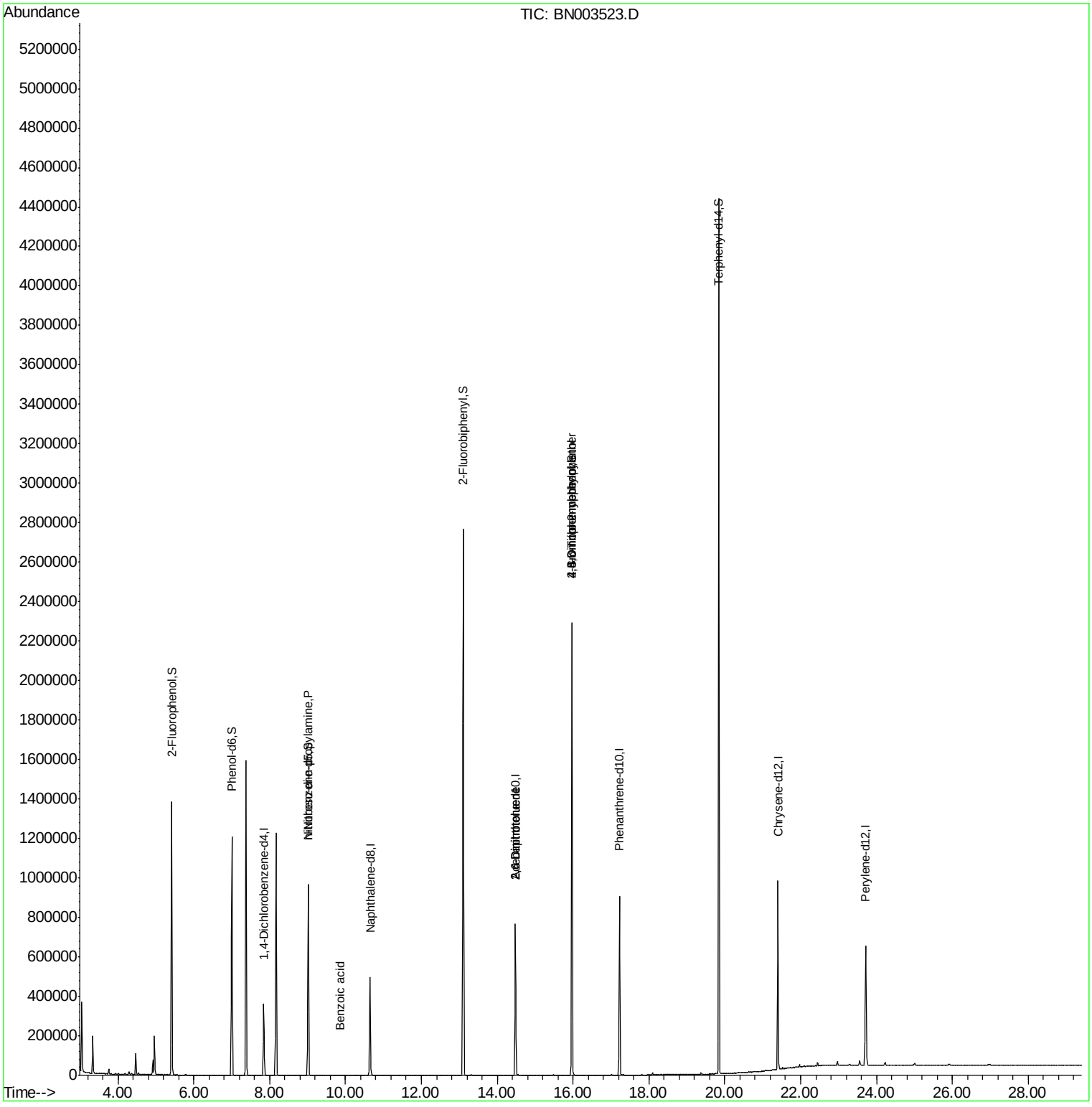
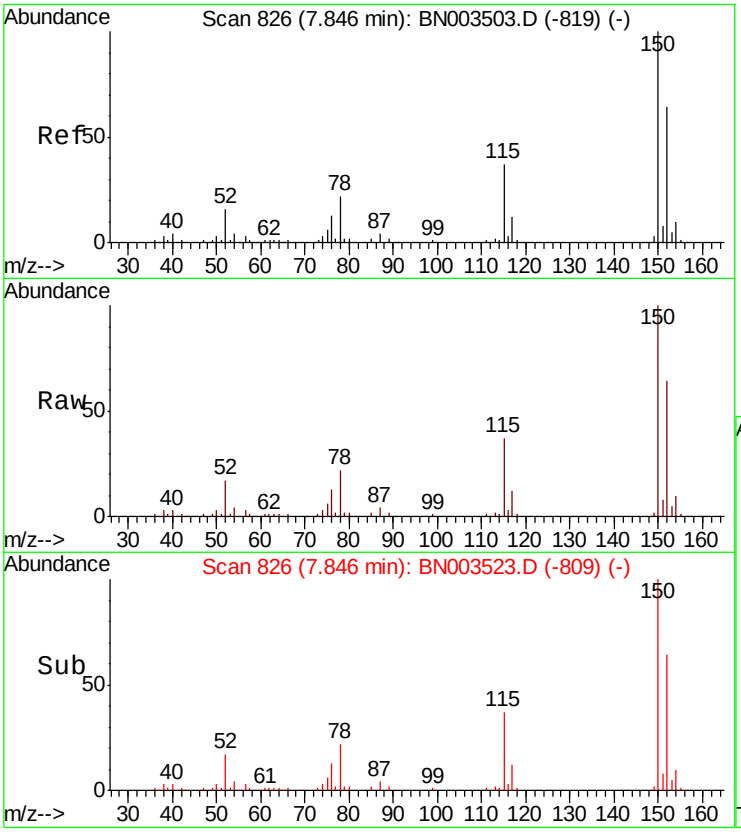


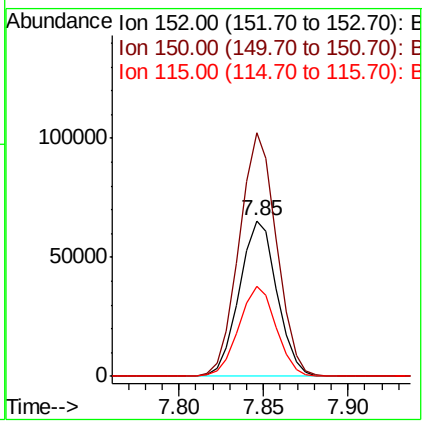


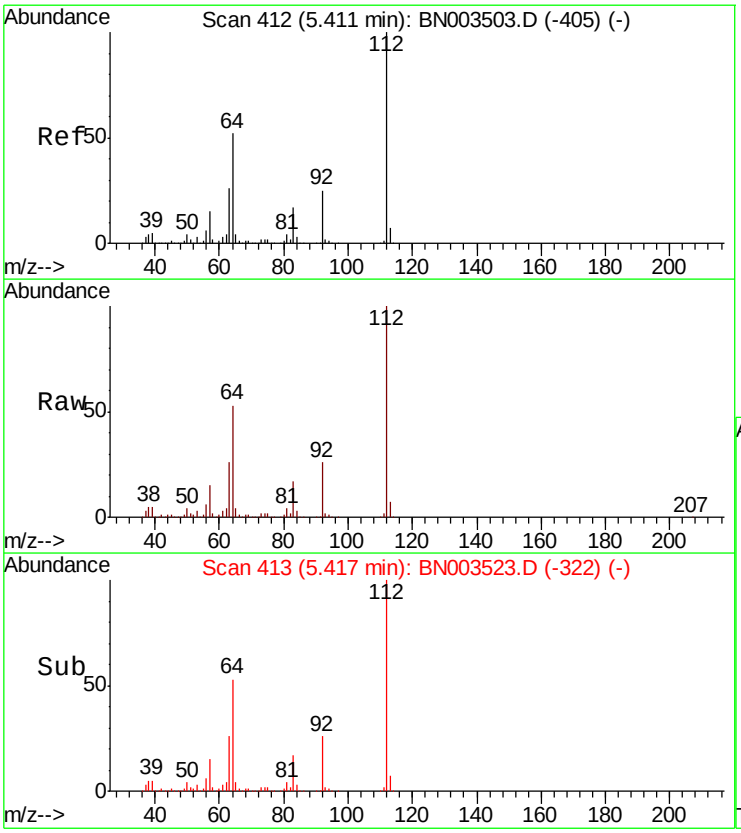
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:152 Resp: 101459

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.4	188.0
115	58.2	45.9	68.9

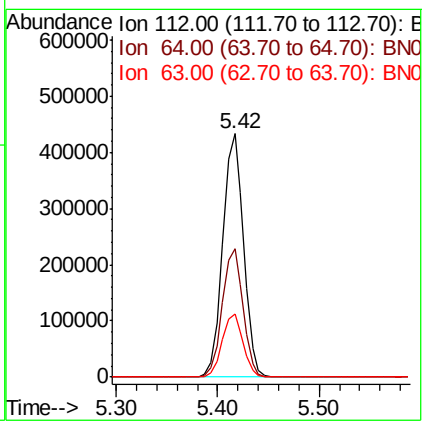


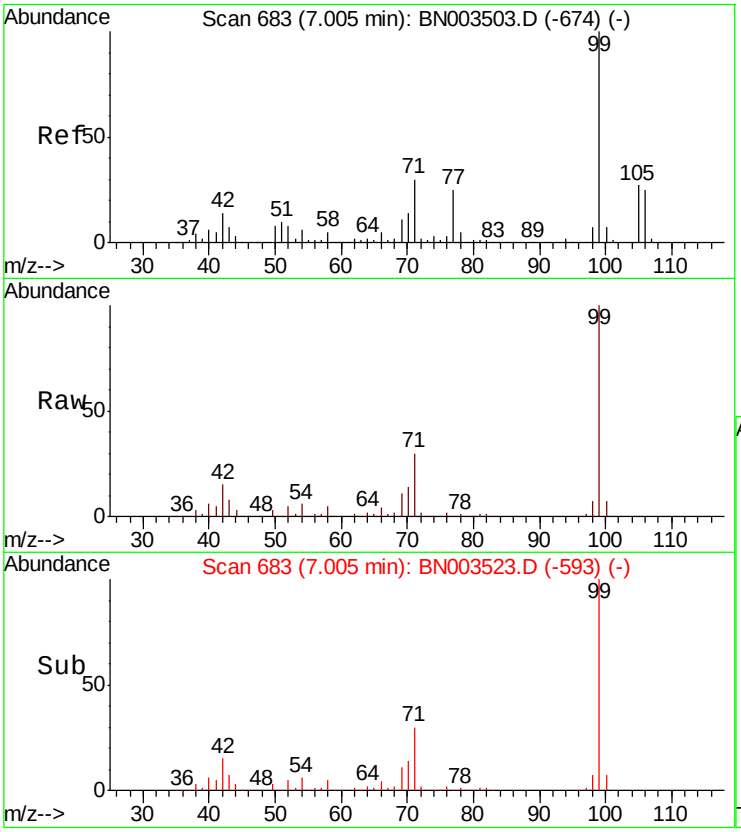


#5
2-Fluorophenol
Concen: 109.528 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:112 Resp: 616144

Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.4	62.2
63	26.1	20.5	30.7



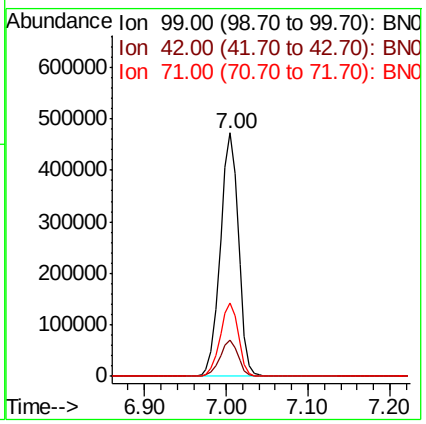


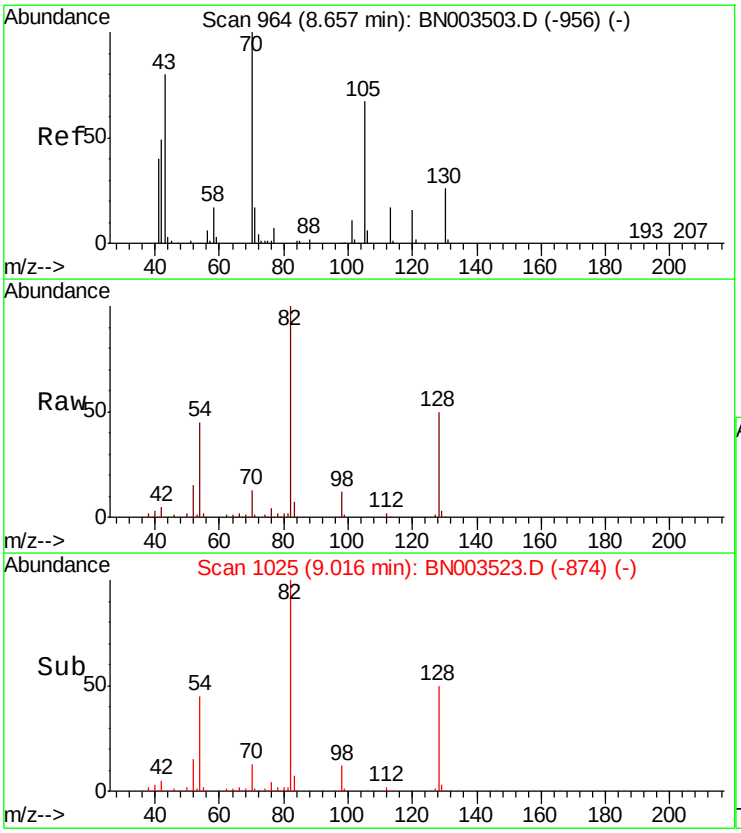
#7
Phenol-d6
Concen: 93.325 ng
RT: 7.00 min Scan# 683
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion: 99 Resp: 728097

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.6	17.4
71	30.3	24.2	36.2

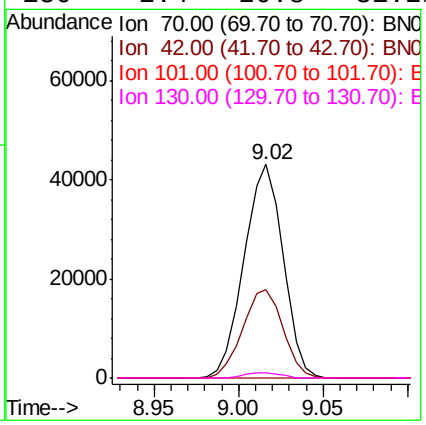


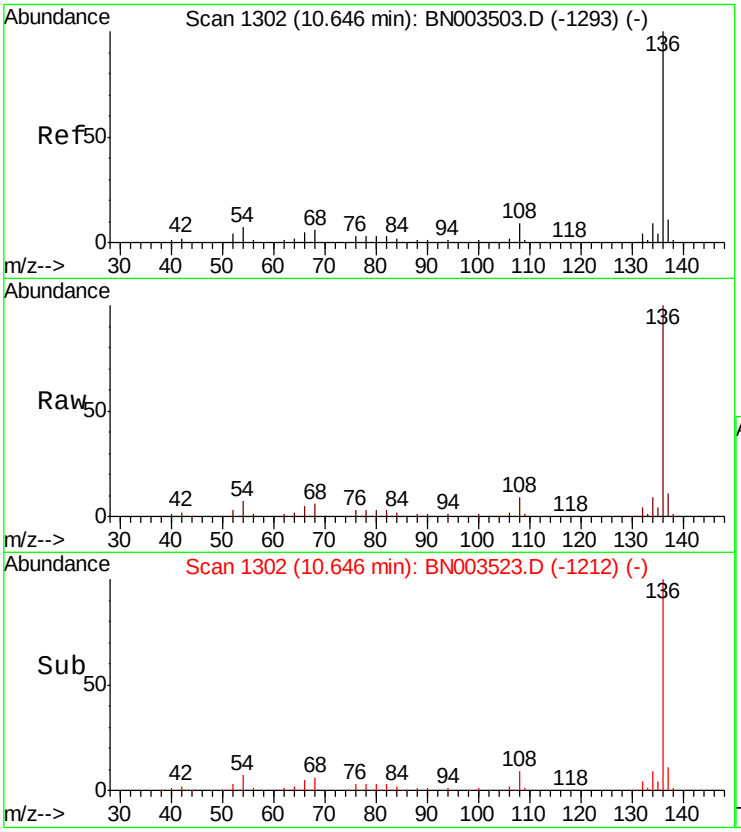


#19
n-Nitroso-di-n-propylamine
Concen: 13.188 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion: 70 Resp: 69272

Ion	Ratio	Lower	Upper
70	100		
42	41.6	39.7	59.5
101	0.0	8.8	13.2#
130	2.4	20.8	31.2#



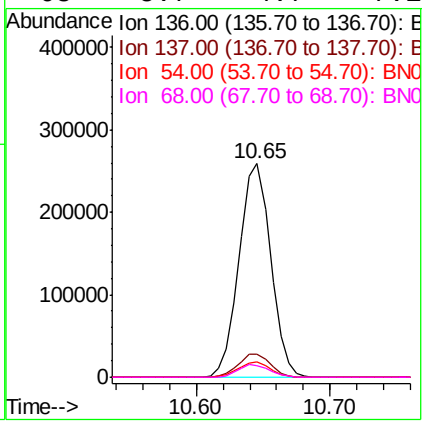


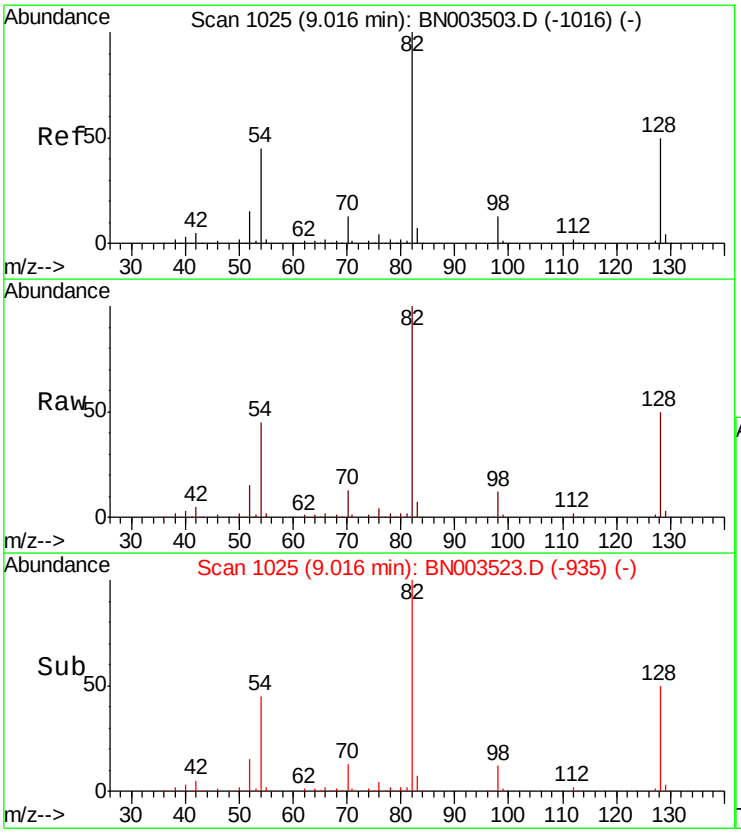
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:136 Resp: 424279

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.0	5.7	8.5
68	5.7	4.7	7.1

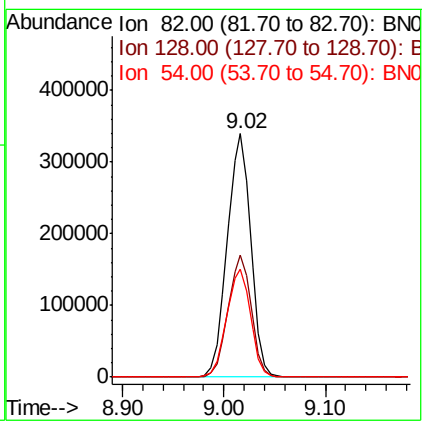


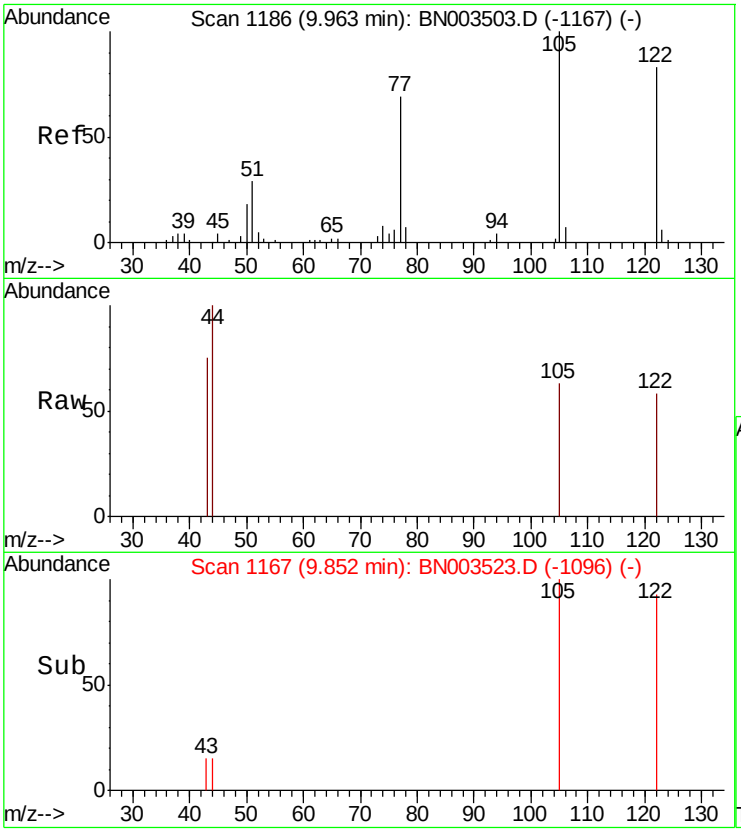


#23
Nitrobenzene-d5
Concen: 81.090 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion: 82 Resp: 546569

Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.0	60.0
54	44.6	36.1	54.1



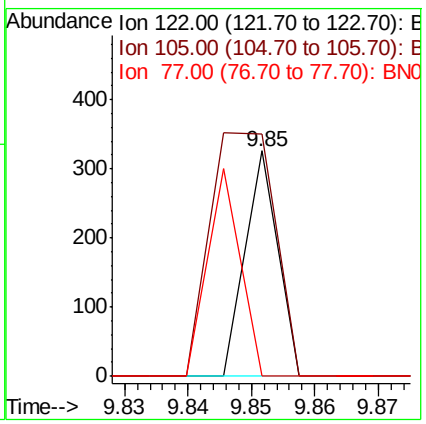


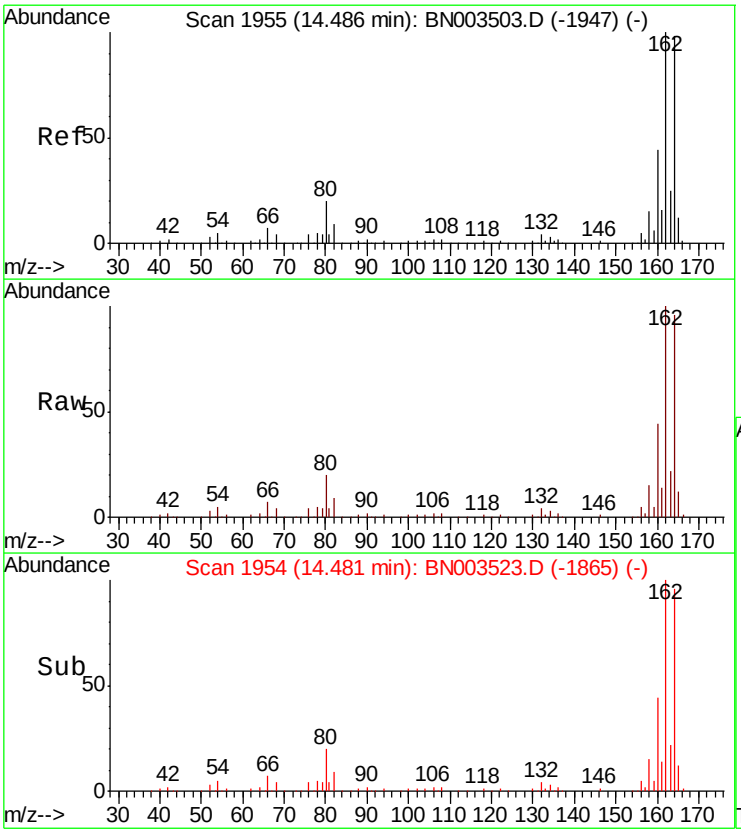
#32
Benzoic acid
Concen: 5.239 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	107.7	98.4	138.4
77	0.0	62.2	102.2#

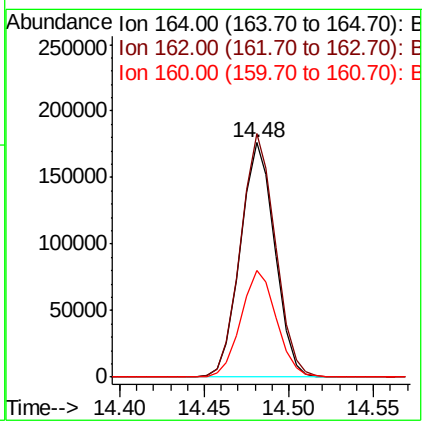


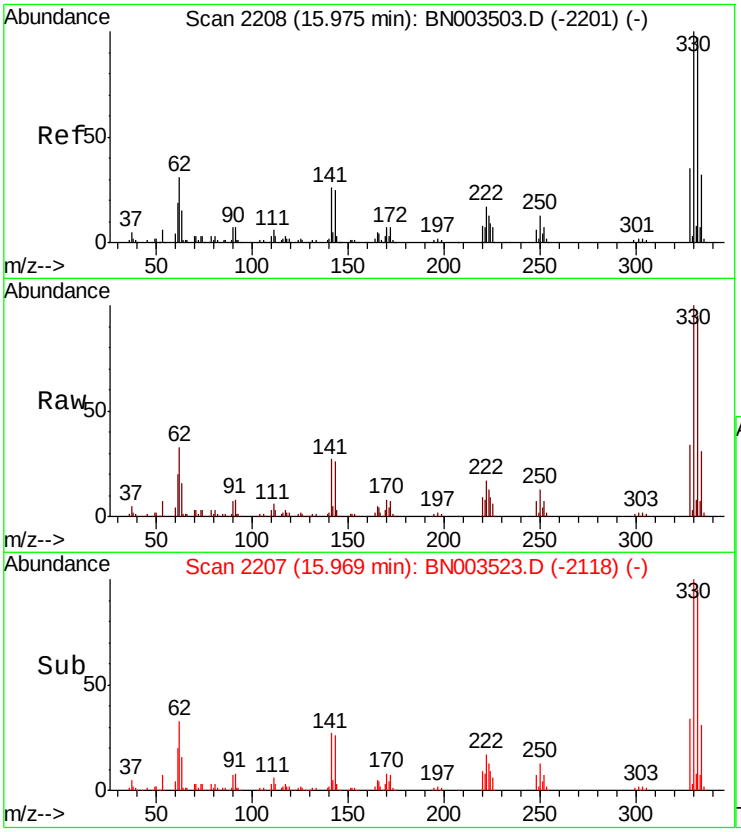


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:164 Resp: 250288

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	45.6	36.2	54.2



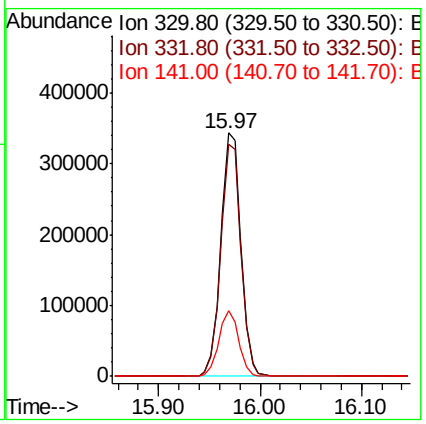


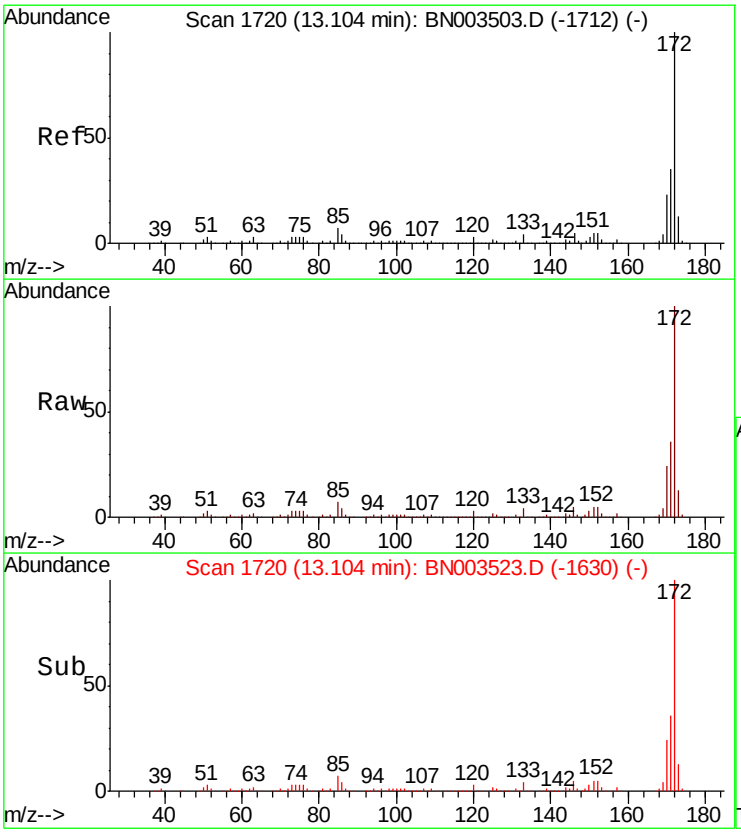
#42
2,4,6-Tribromophenol
Concen: 126.555 ng
RT: 15.97 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:330 Resp: 472196

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	26.6	21.6	32.4

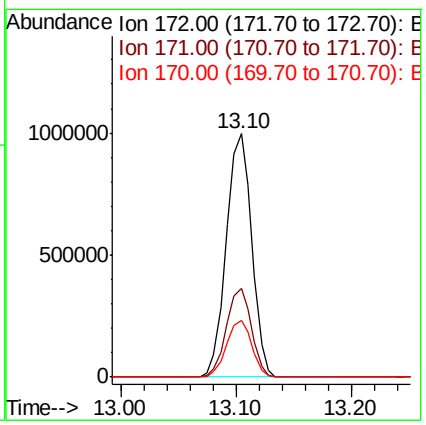


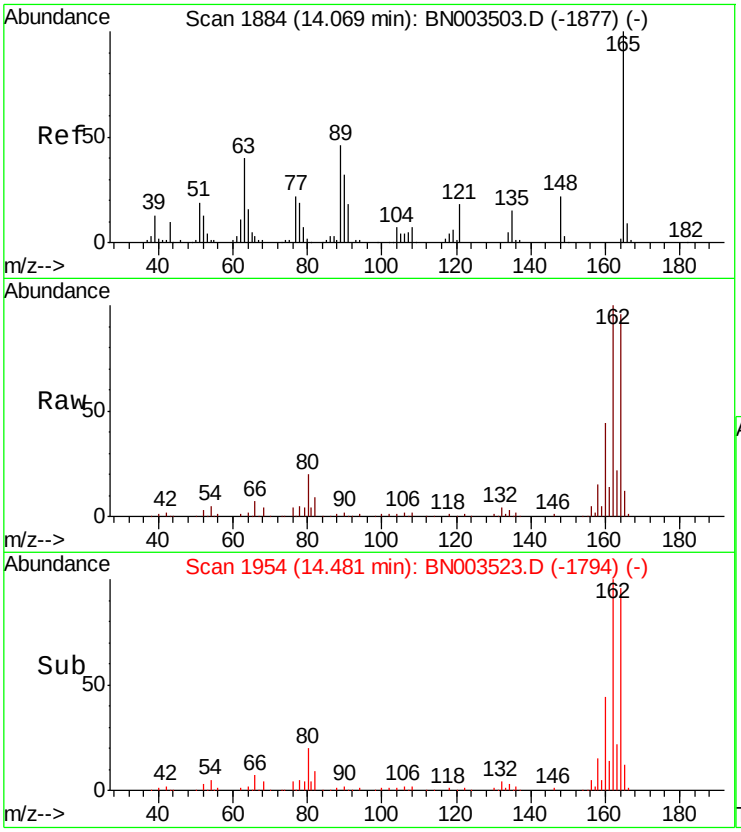


#45
2-Fluorobiphenyl
Concen: 80.793 ng
RT: 13.10 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:172 Resp: 1515005

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	23.5	18.7	28.1



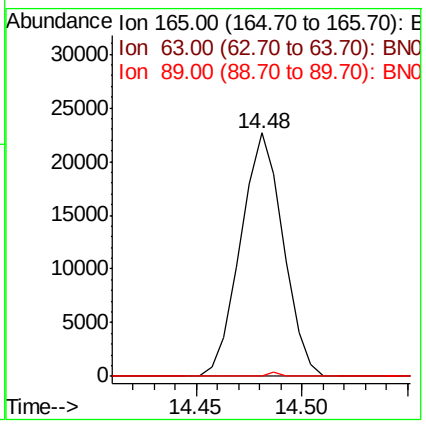


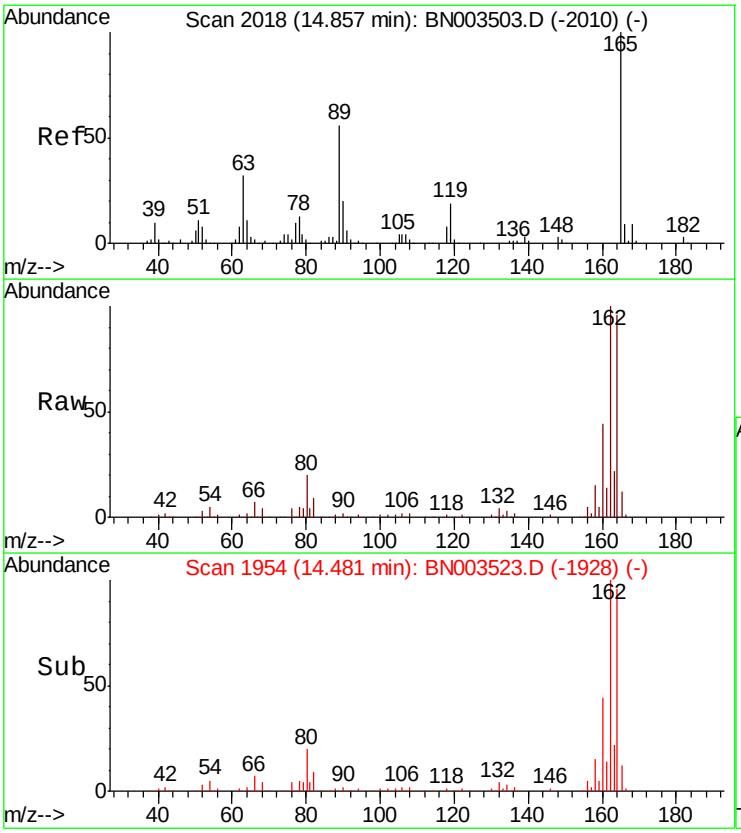
#51
2,6-Dinitrotoluene
Concen: 6.951 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:165 Resp: 31811

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	36.7	55.1#

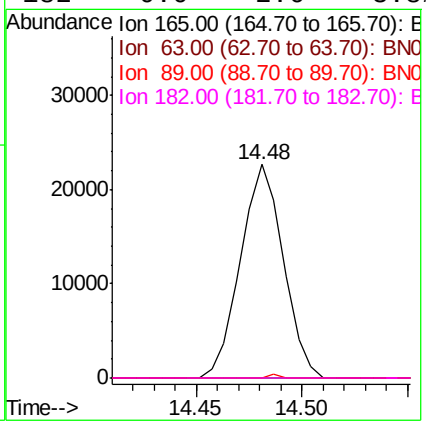


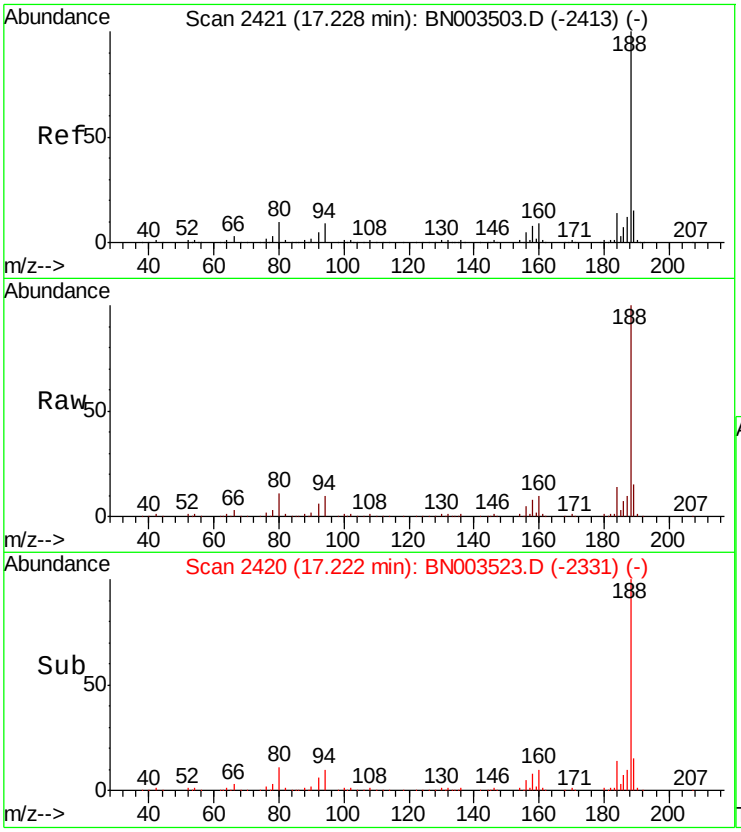


#57
2,4-Dinitrotoluene
Concen: 5.142 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:165 Resp: 31811

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.2#
89	0.0	44.7	67.1#
182	0.0	2.6	3.8#



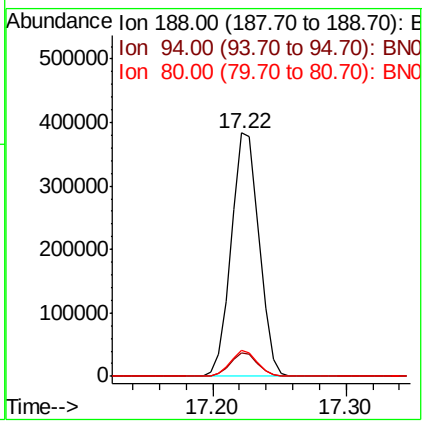


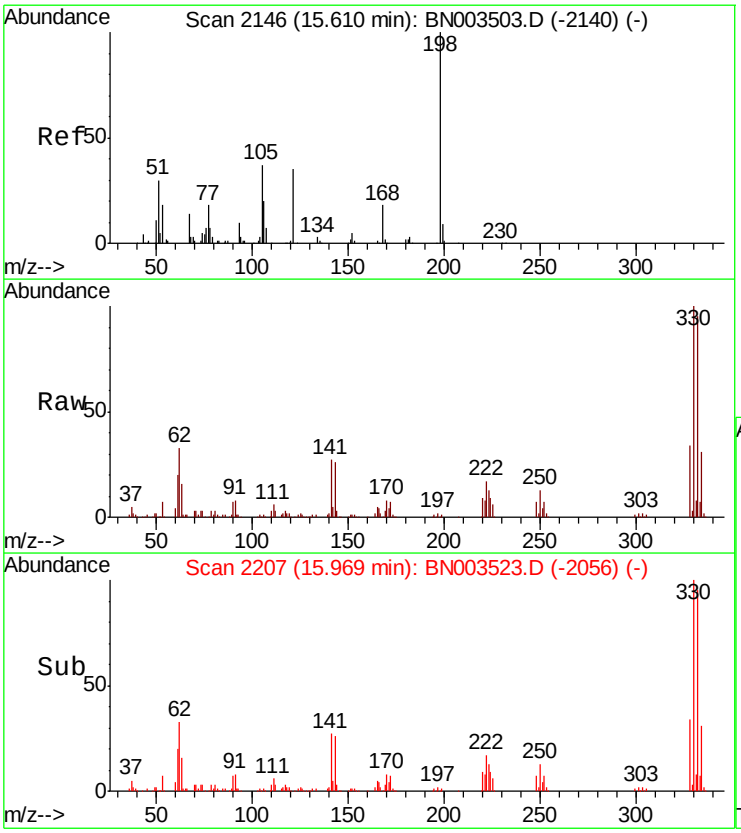
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:188 Resp: 558032

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	10.5	8.2	12.2

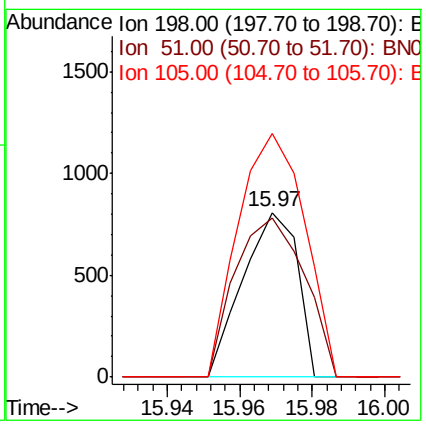


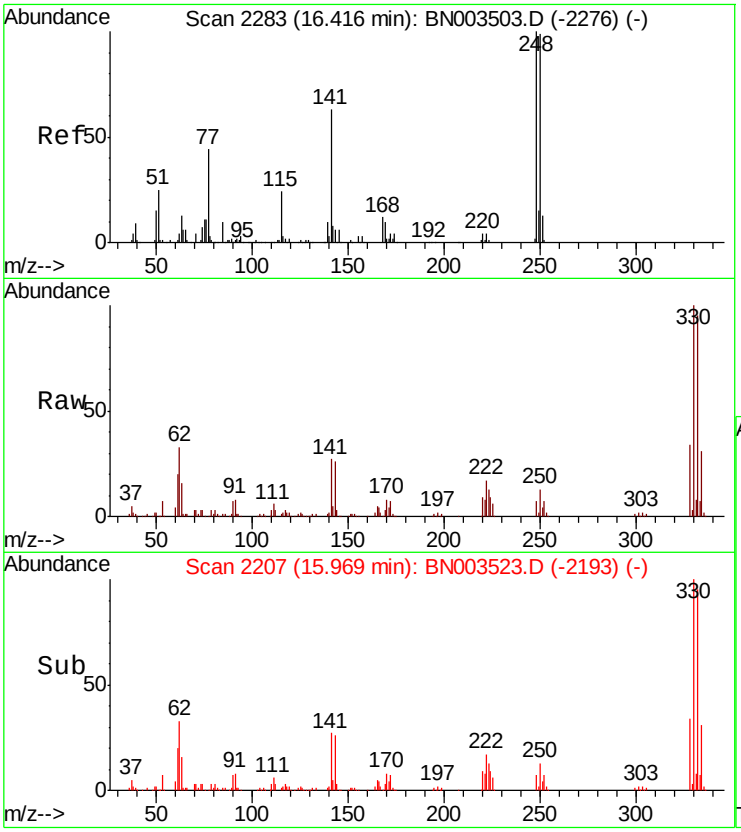


#65
4,6-Dinitro-2-methylphenol
Concen: 5.133 ng
RT: 15.97 min Scan# 2207
Delta R.T. 0.36 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:198 Resp: 843

Ion	Ratio	Lower	Upper
198	100		
51	97.0	13.8	53.8#
105	148.2	18.3	58.3#



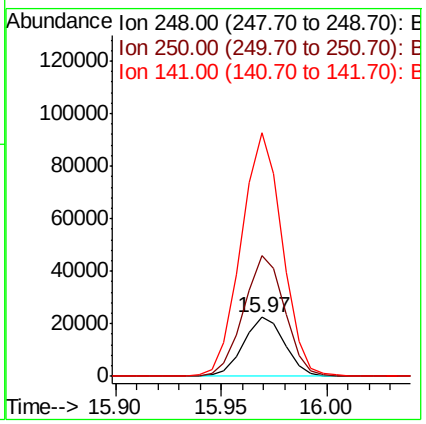


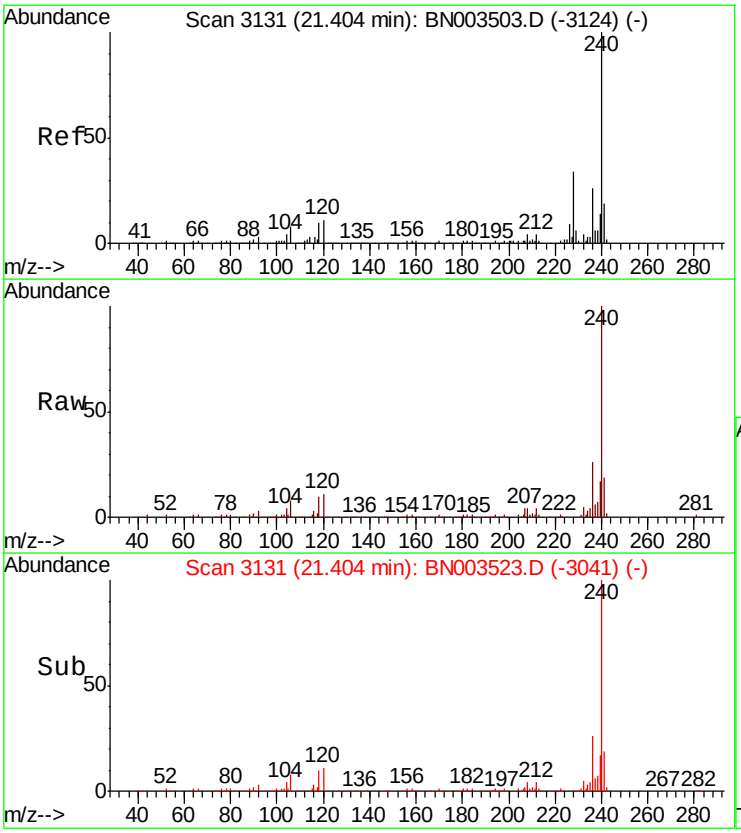
#67
4-Bromophenyl-phenylether
Concen: 4.323 ng
RT: 15.97 min Scan# 2207
Delta R.T. -0.45 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:248 Resp: 30431

Ion	Ratio	Lower	Upper
248	100		
250	203.8	79.0	118.6#
141	412.0	50.7	76.1#

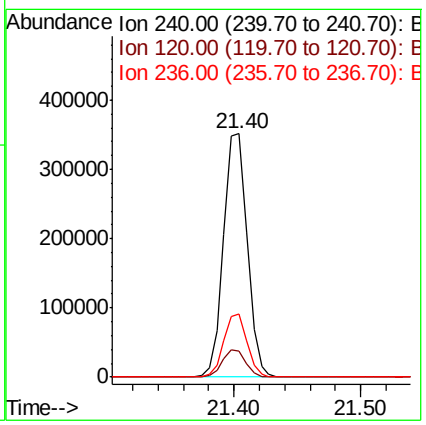


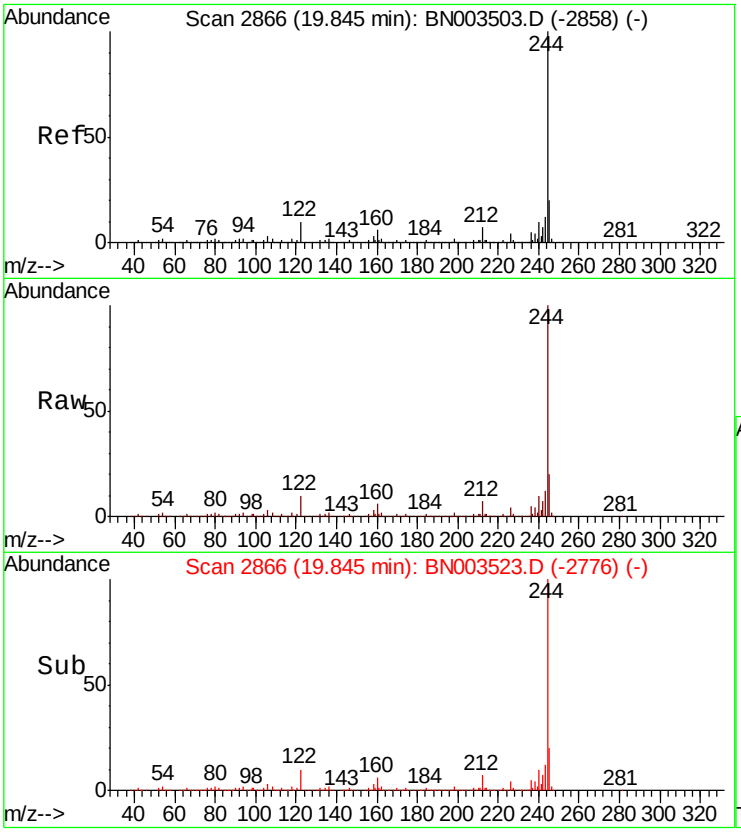


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:240 Resp: 455598

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.1	13.7
236	26.1	20.6	30.8



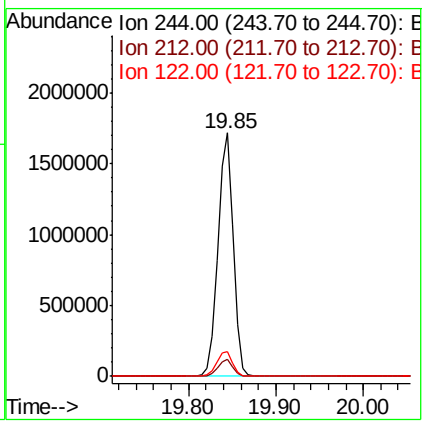


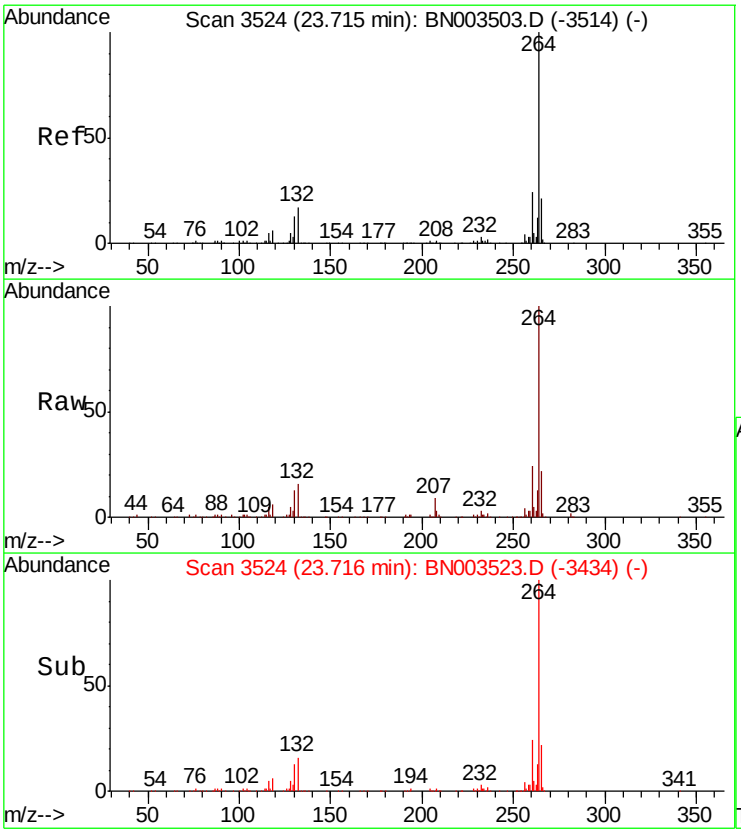
#79
Terphenyl-d14
Concen: 89.852 ng
RT: 19.85 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Instrument :
BNA_N
ClientSampleId :
SR-3-S

Tgt Ion:244 Resp: 2079336

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.0	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BN003523.D
Acq: 13 Nov 2018 21:52

Tgt Ion:264 Resp: 453119

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.8	17.2	25.8