Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003493.D
Acq On : 10 Nov 2018 03:34
Operator : MJ/SJ
Sample : J5881-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : 110718-TIPC-F-D-S

Quant Time: Nov 12 03:24:16 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	97025	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	434348	20.00	ng		0.00
39) Acenaphthene-d10	14.48	164	261464	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	580799	20.00	ng		0.00
76) Chrysene-d12	21.40	240	473597	20.00	ng		0.00
87) Perylene-d12	23.72	264	460173	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	225113	40.41	ng		0.00
7) Phenol-d6	7.00	99	176560	22.29	ng		-0.01
23) Nitrobenzene-d5	9.02	82	664034	87.68	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	376206	106.86	ng		-0.01
45) 2-Fluorobiphenyl	13.10	172	1858929	96.44	ng		0.00
79) Terphenyl-d14	19.85	244	2166701	97.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.03	94	57532	6.883	ng		93
19) n-Nitroso-di-n-propylamine	9.02	70	84340	14.766	ng	#	76
50) Dimethylphthalate	13.93	163	64267	3.040	ng		98
51) 2,6-Dinitrotoluene	14.48	165	33456	6.972	ng	#	28
57) 2,4-Dinitrotoluene	14.48	165	33456	5.142	ng	#	19
67) 4-Bromophenyl-phenylether	15.97	248	24139	3.690	ng	#	1

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

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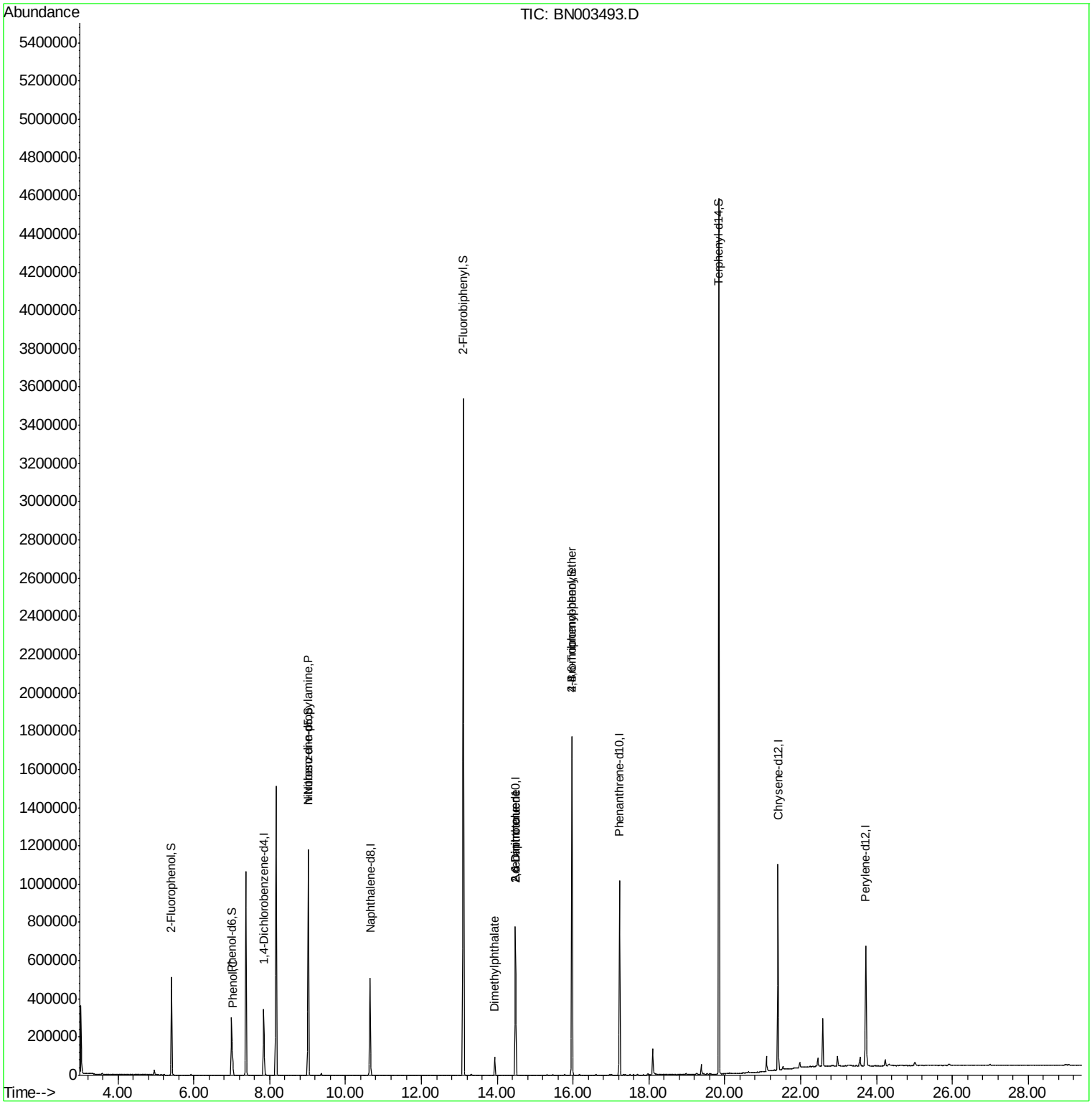
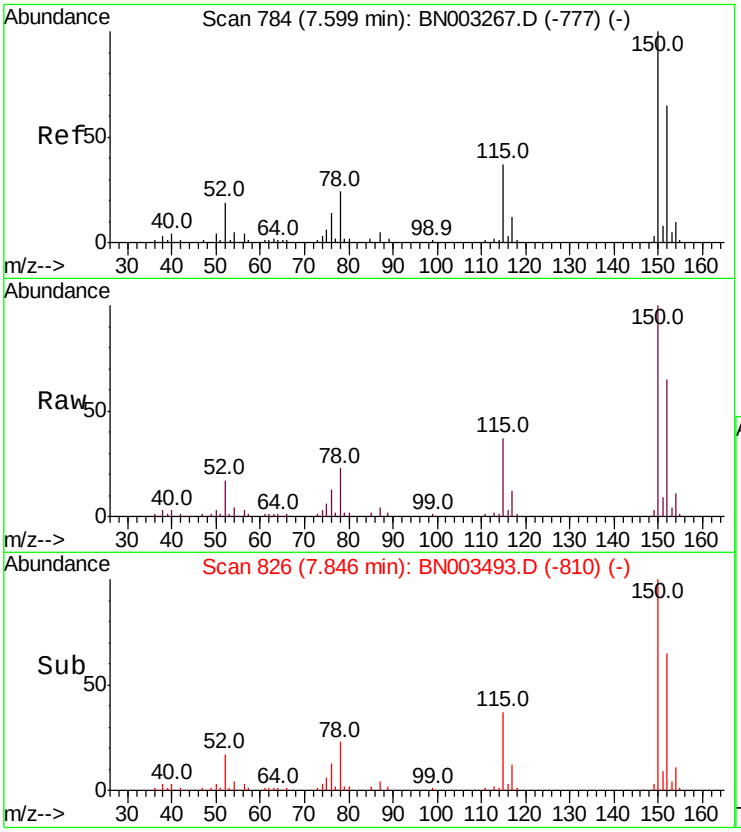


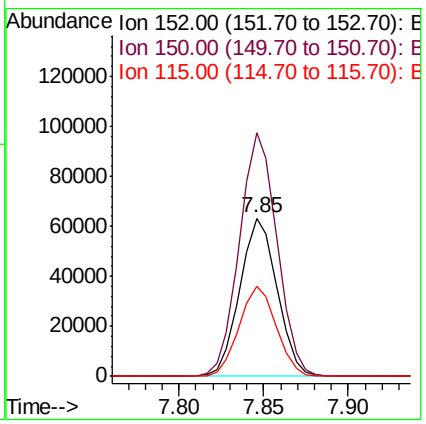


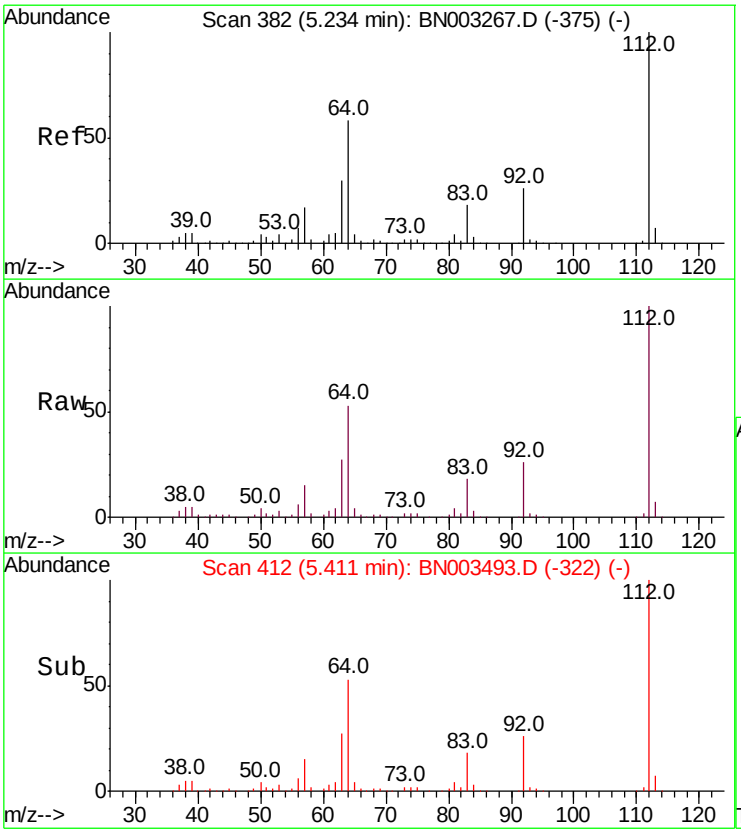
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion:152 Resp: 97025

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.8
115	57.0	45.9	68.9

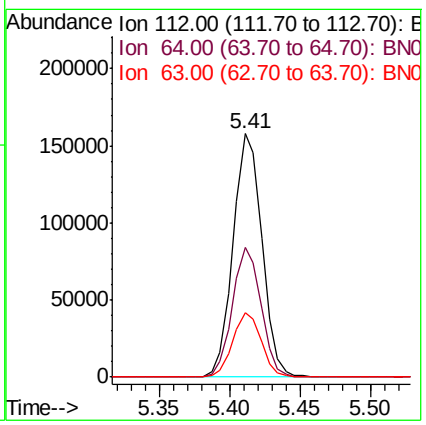


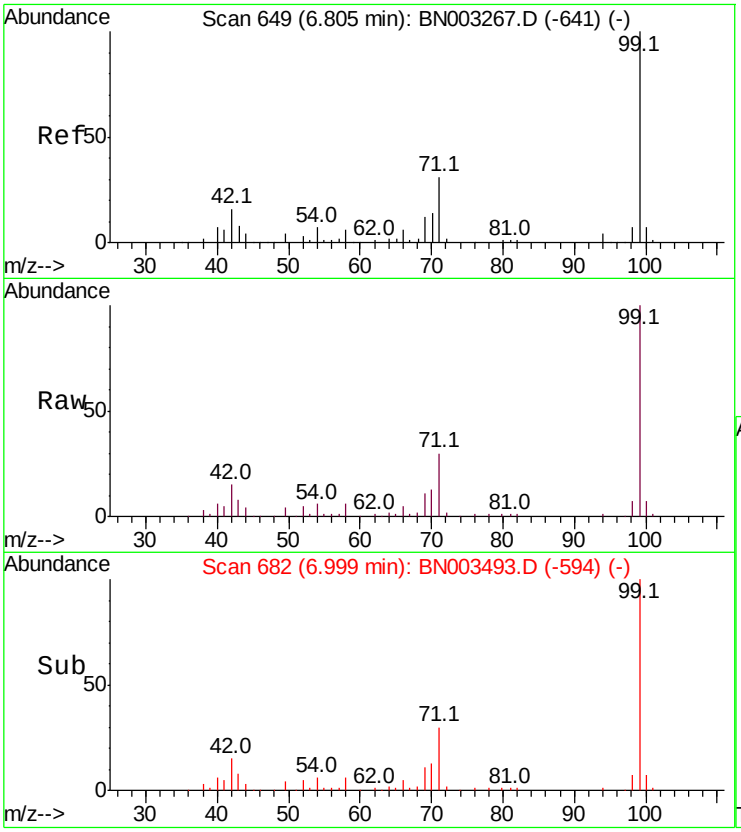


#5
2-Fluorophenol
Concen: 40.411 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.00 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:112 Resp: 225113

Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.6	69.8
63	26.5	23.8	35.8



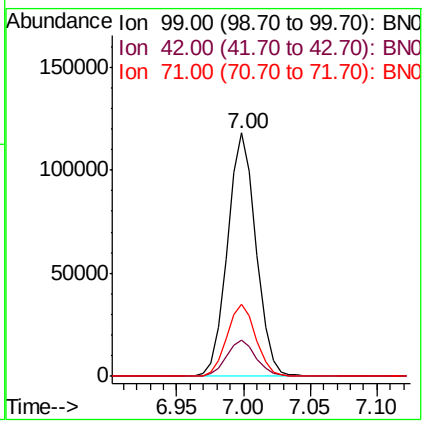


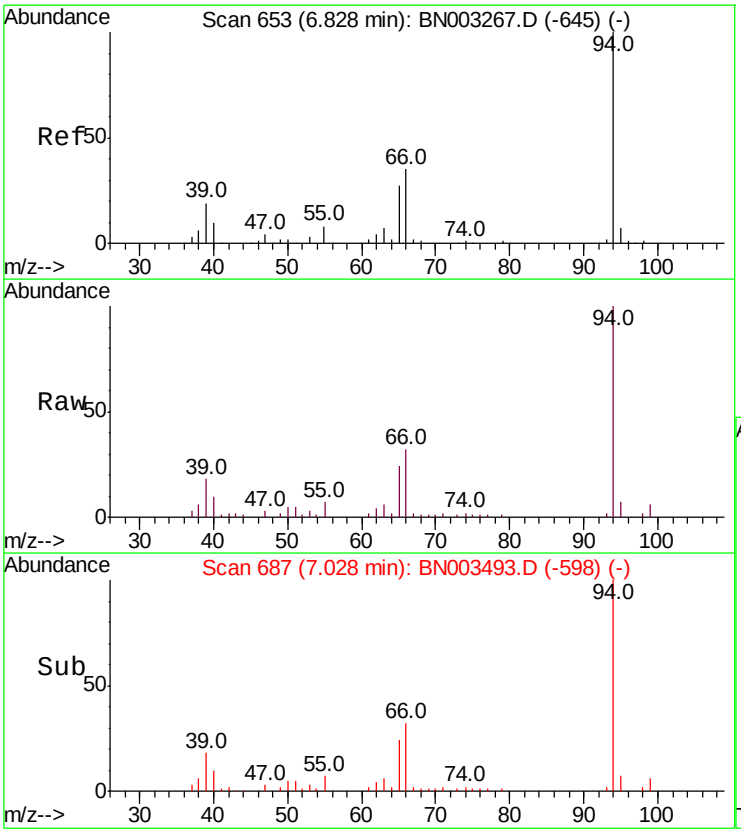
#7
Phenol-d6
Concen: 22.290 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion: 99 Resp: 176560

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

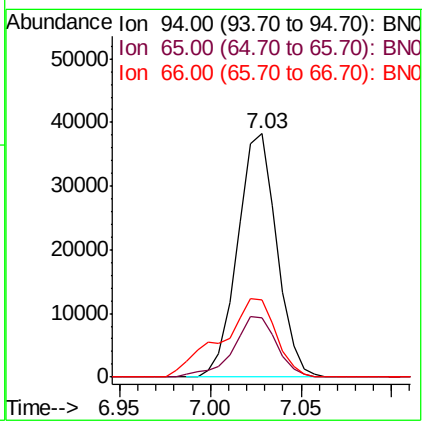


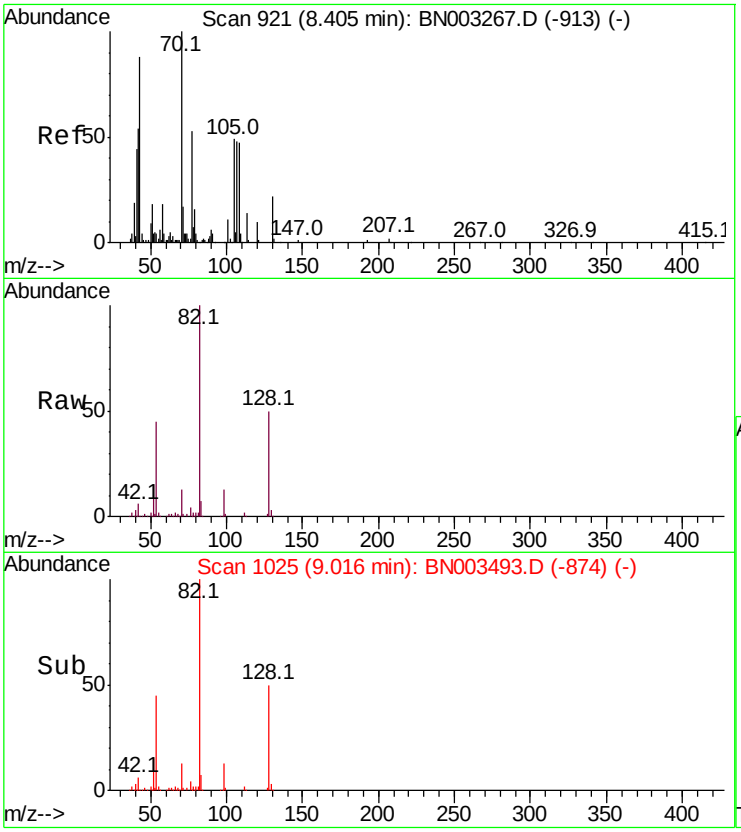


#10
Phenol
Concen: 6.883 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion: 94 Resp: 57532

Ion	Ratio	Lower	Upper
94	100		
65	24.4	7.7	47.7
66	31.8	15.8	55.8



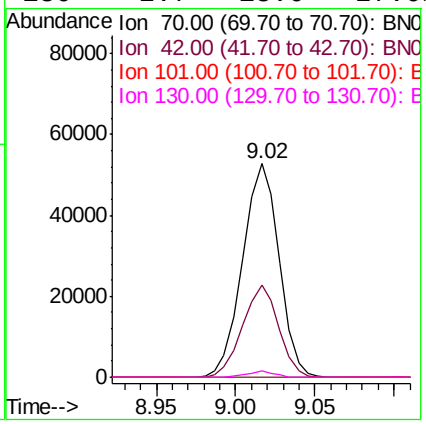


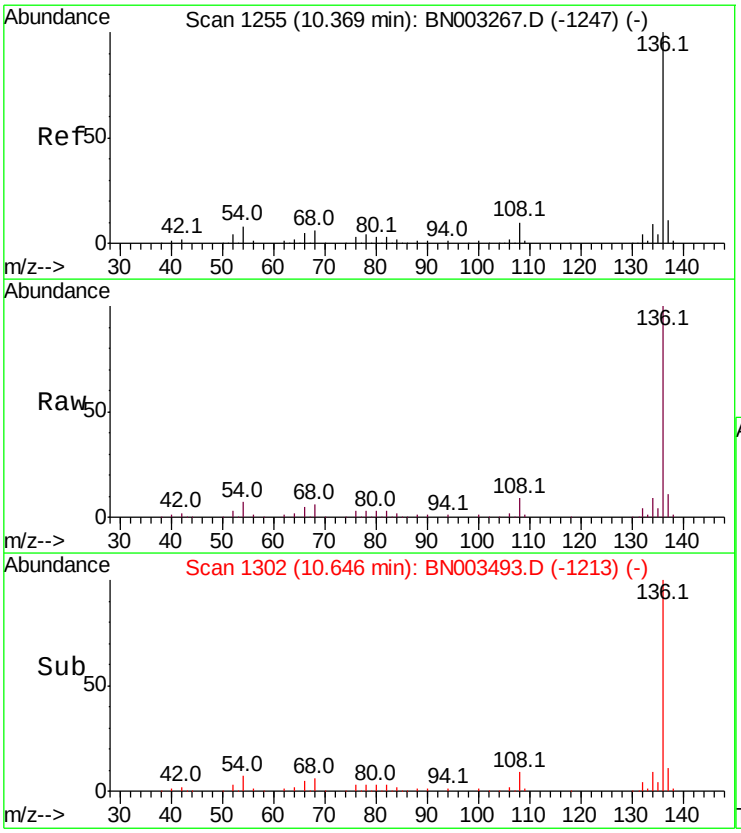
#19
n-Nitroso-di-n-propylamine
Concen: 14.766 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion: 70 Resp: 84340

Ion	Ratio	Lower	Upper
70	100		
42	43.1	43.5	65.3#
101	0.0	8.6	12.8#
130	2.7	18.0	27.0#

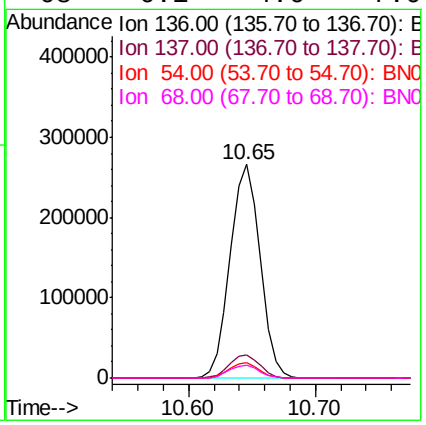


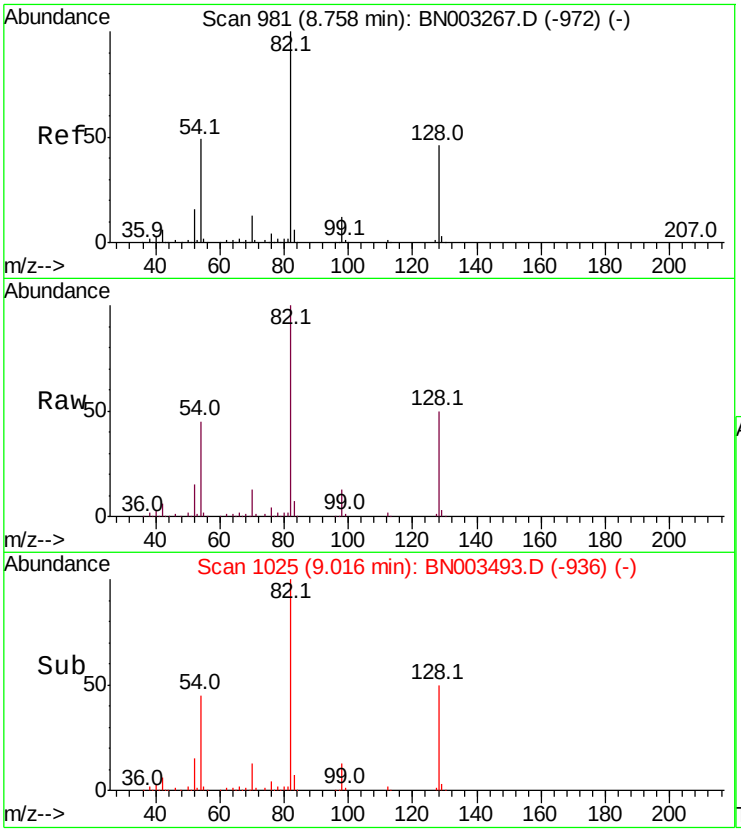


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:136 Resp: 434348

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.0	6.6	10.0
68	6.1	4.6	7.0



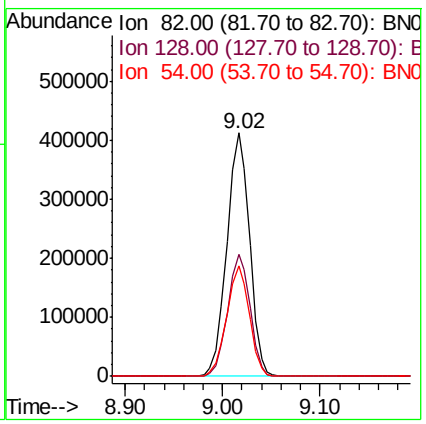


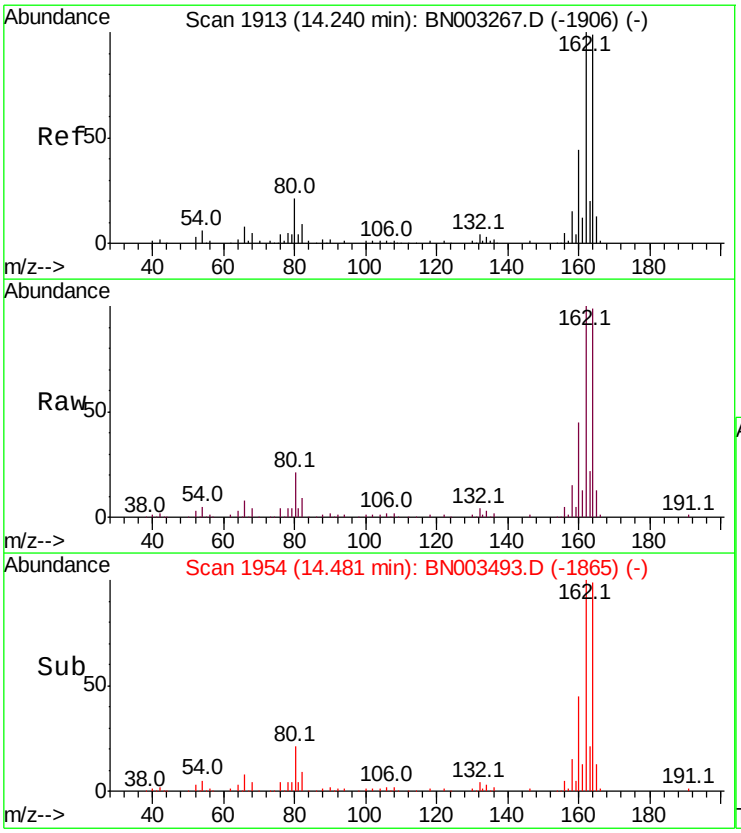
#23
Nitrobenzene-d5
Concen: 87.676 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion: 82 Resp: 664034

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.1	55.7
54	45.4	39.4	59.2

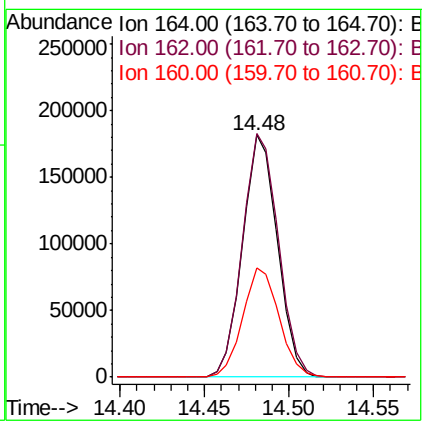


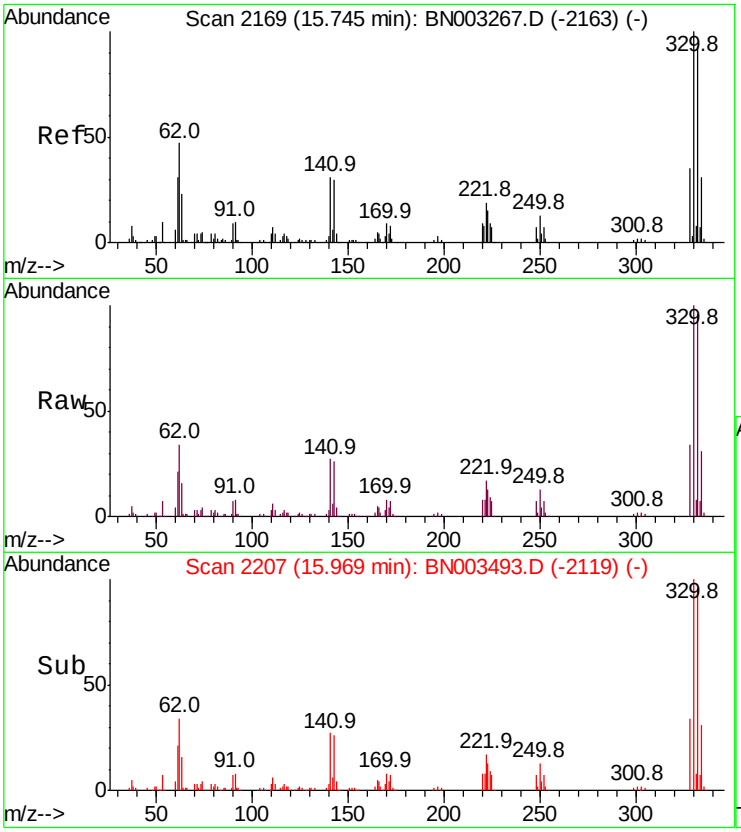


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:164 Resp: 261464

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	44.9	35.5	53.3



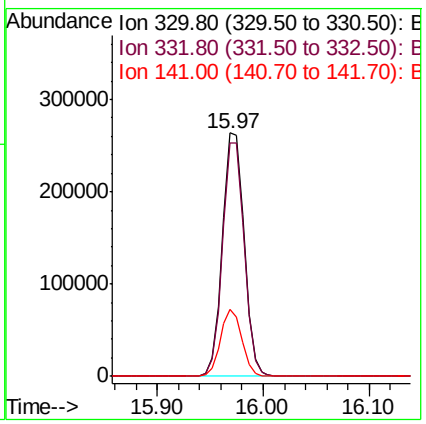


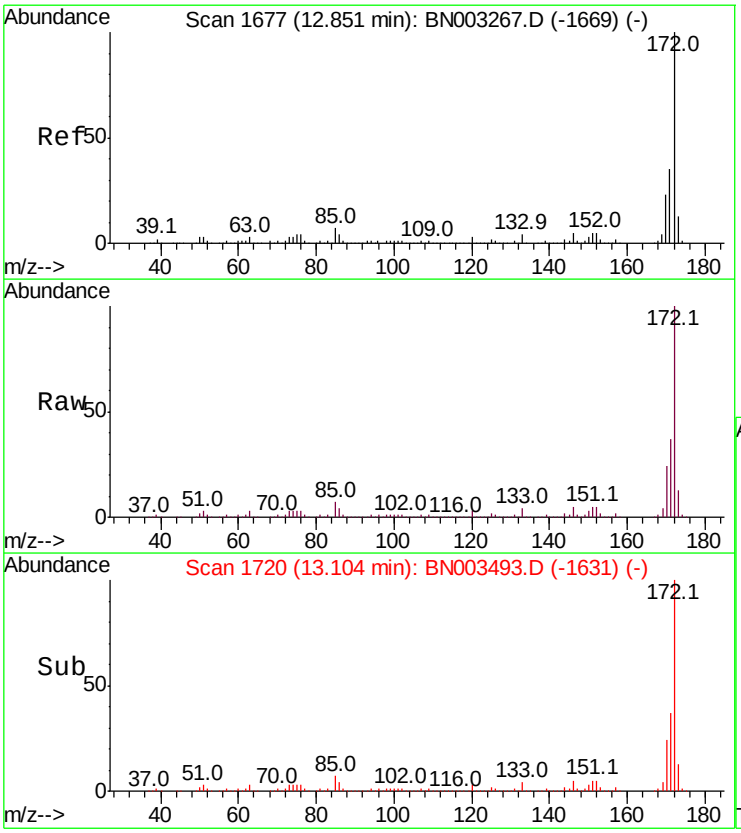
#42
2,4,6-Tribromophenol
Concen: 106.855 ng
RT: 15.97 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion:330 Resp: 376206

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	27.0	24.5	36.7

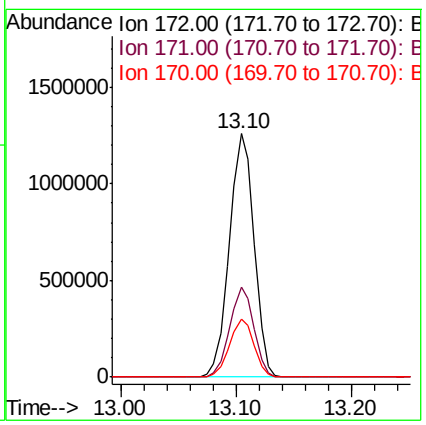


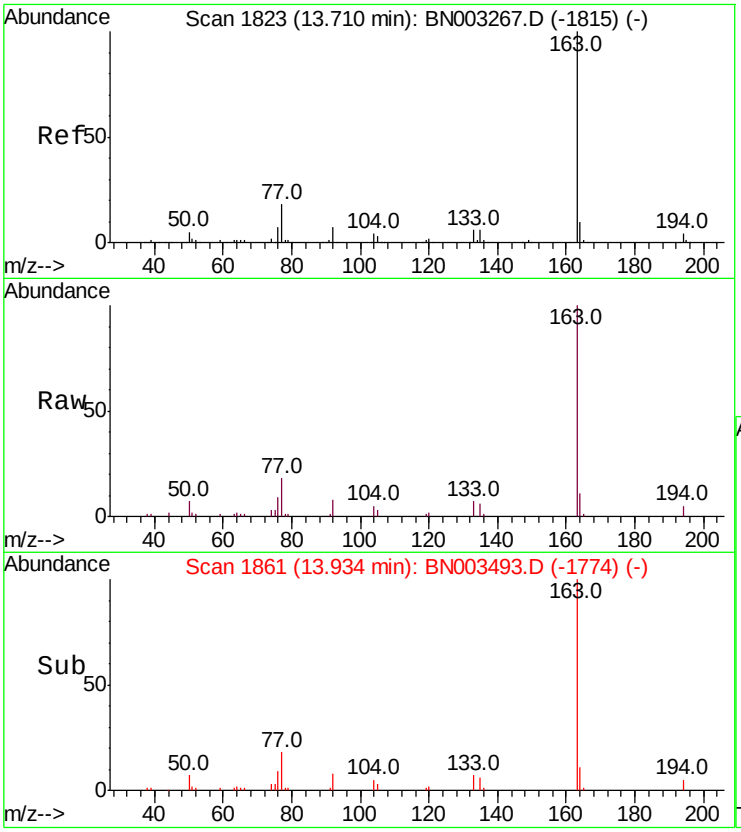


#45
2-Fluorobiphenyl
Concen: 96.438 ng
RT: 13.10 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:172 Resp: 1858929

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.4
170	23.6	18.4	27.6



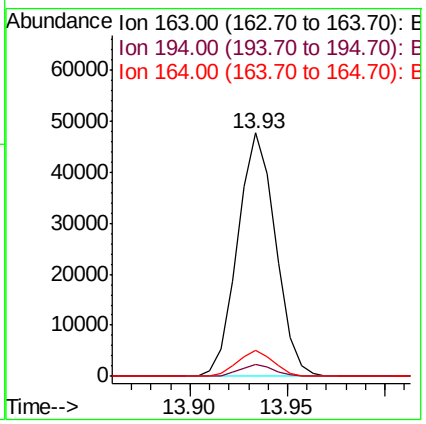


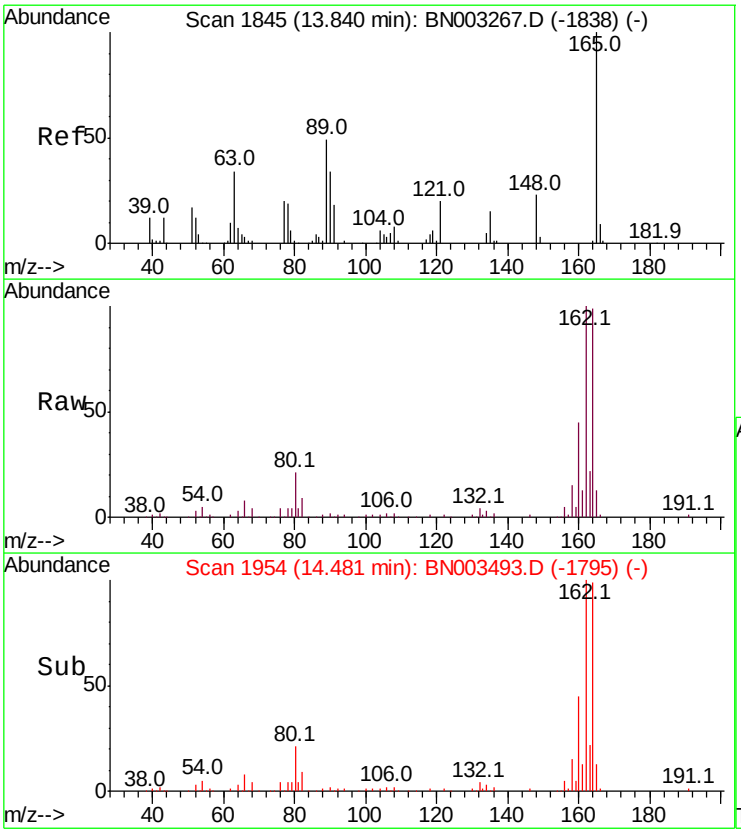
#50
Dimethylphthalate
Concen: 3.040 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion:163 Resp: 64267

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.9	7.9	11.9

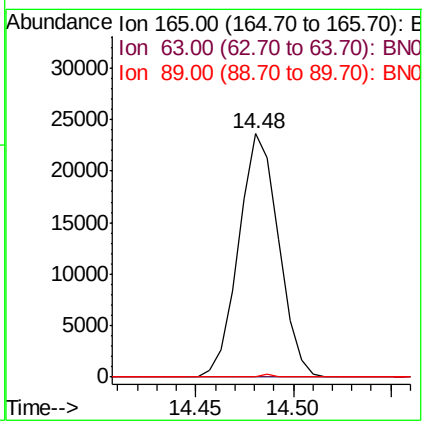


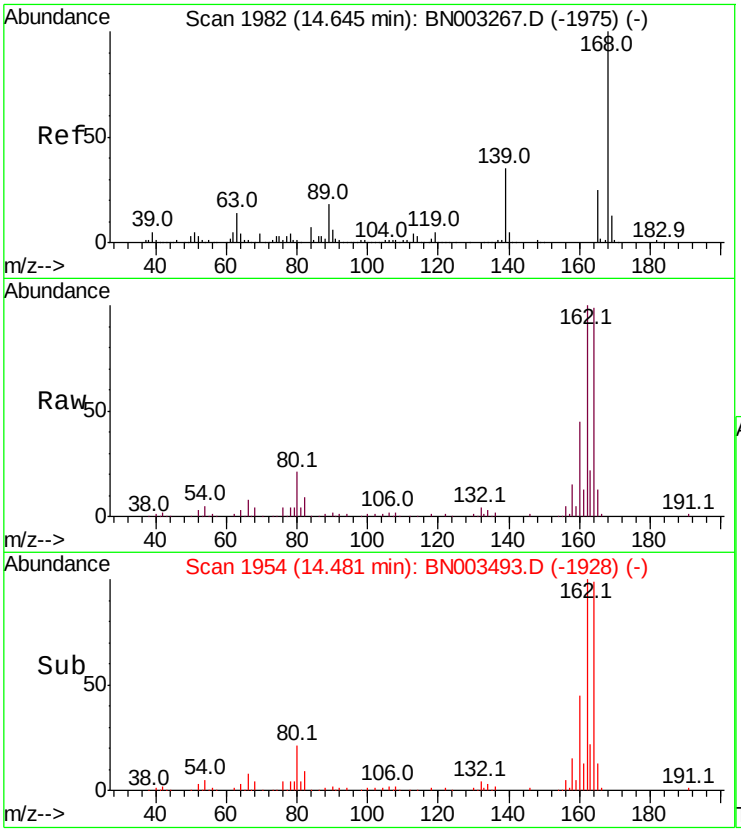


#51
2,6-Dinitrotoluene
Concen: 6.972 ng
RT: 14.48 min Scan# 1954
Delta R.T. 0.41 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:165 Resp: 33456

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



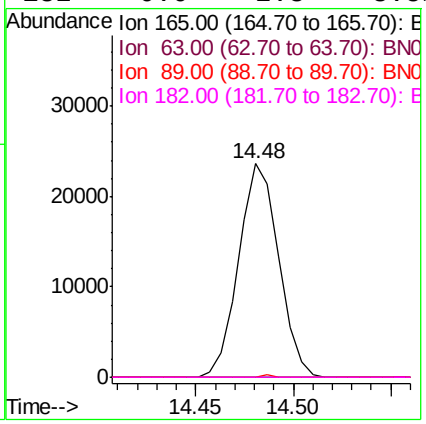


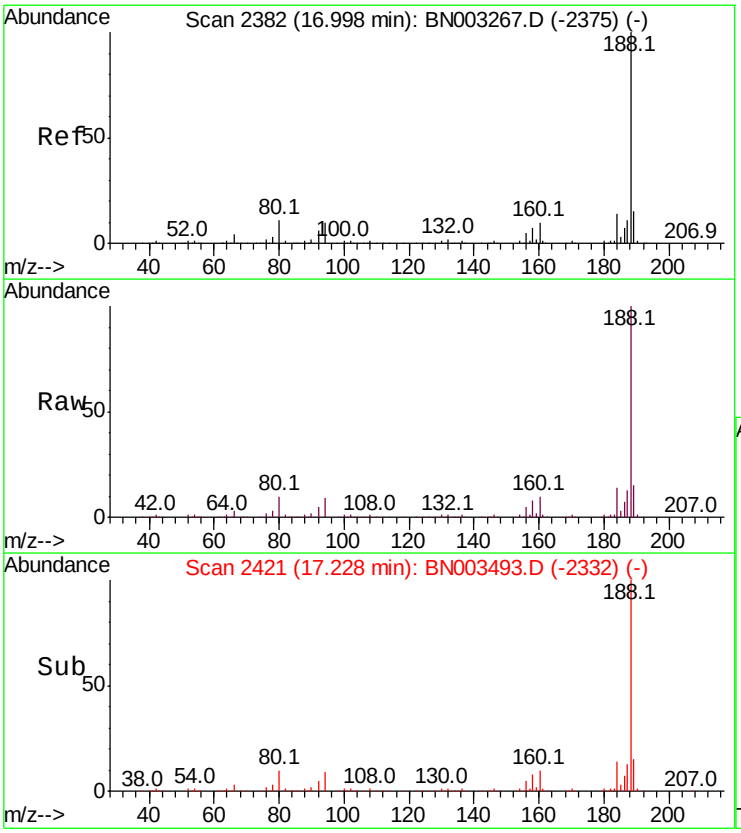
#57
2,4-Dinitrotoluene
Concen: 5.142 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion:165 Resp: 33456

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#

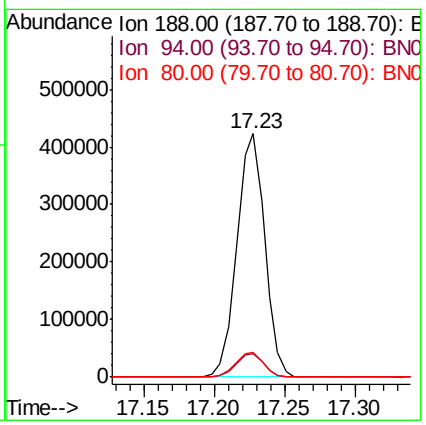


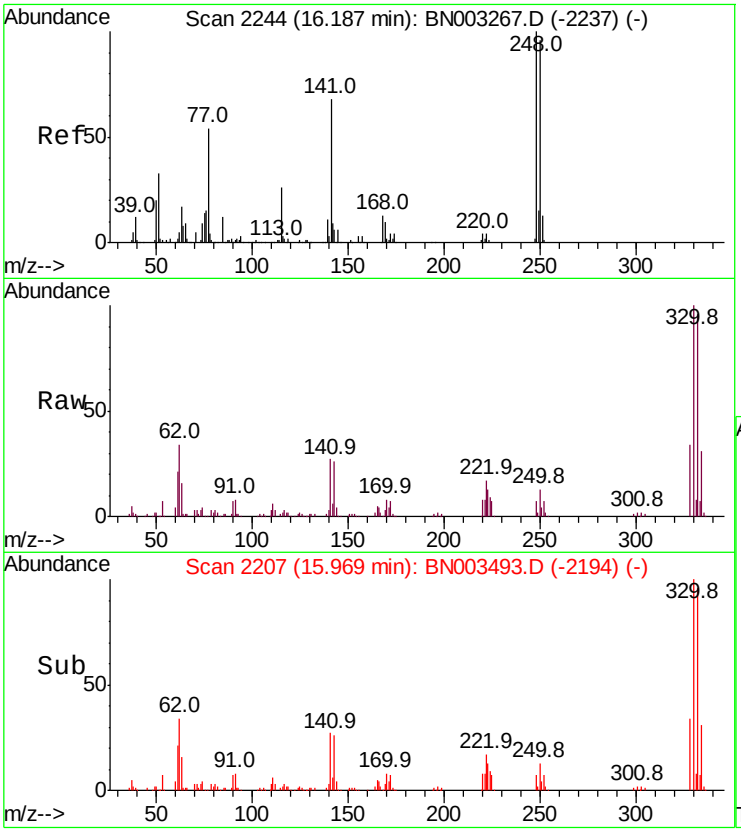


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:188 Resp: 580799

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.1	12.1
80	10.2	8.6	13.0



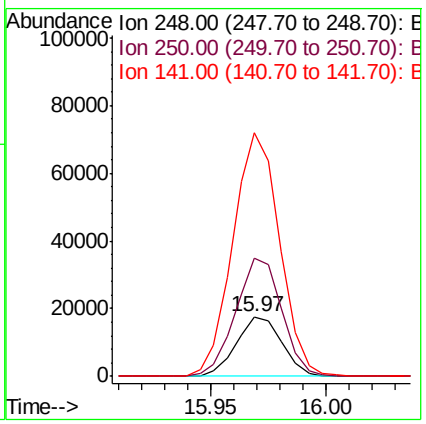


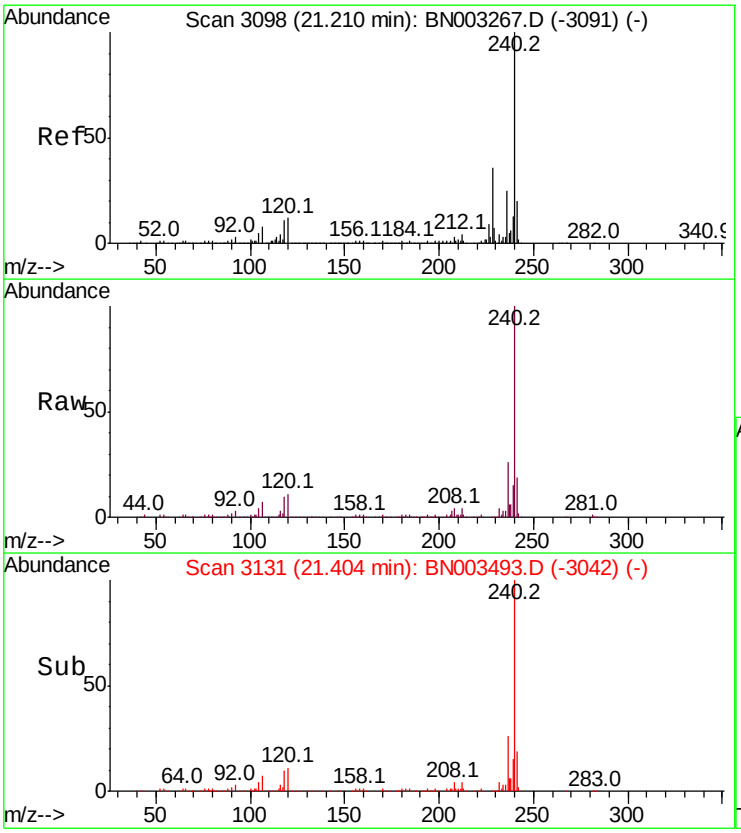
#67
4-Bromophenyl-phenylether
Concen: 3.690 ng
RT: 15.97 min Scan# 2207
Delta R.T. -0.45 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion:248 Resp: 24139

Ion	Ratio	Lower	Upper
248	100		
250	196.7	76.4	114.6#
141	407.0	54.2	81.4#

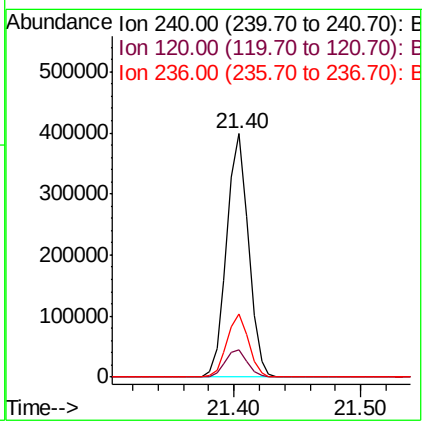


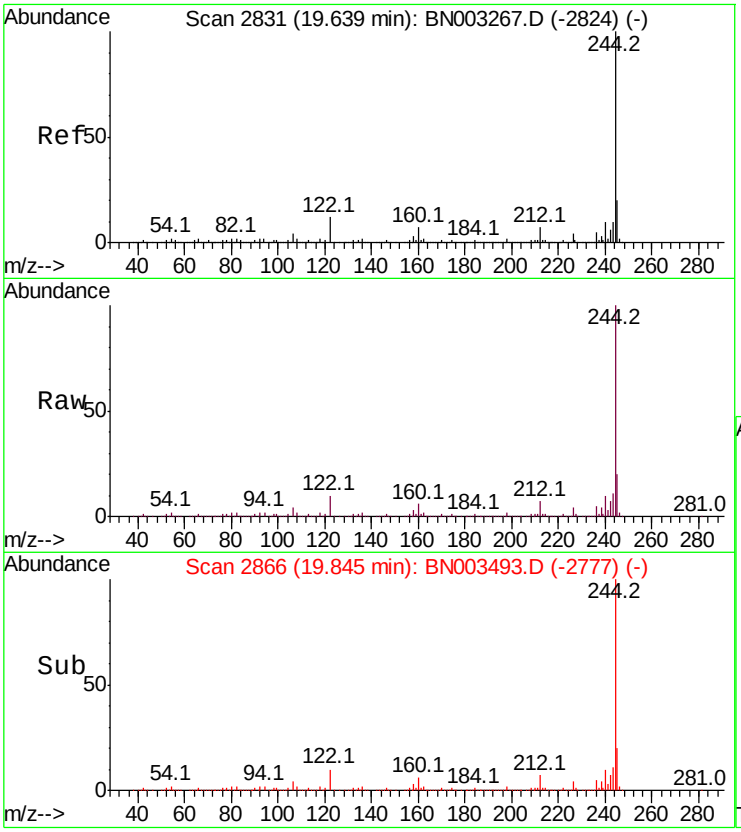


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:240 Resp: 473597

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.4	14.0
236	26.0	20.3	30.5



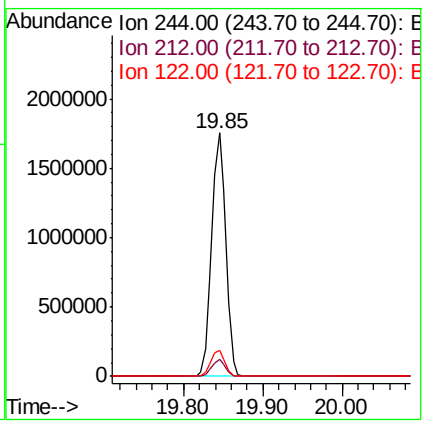


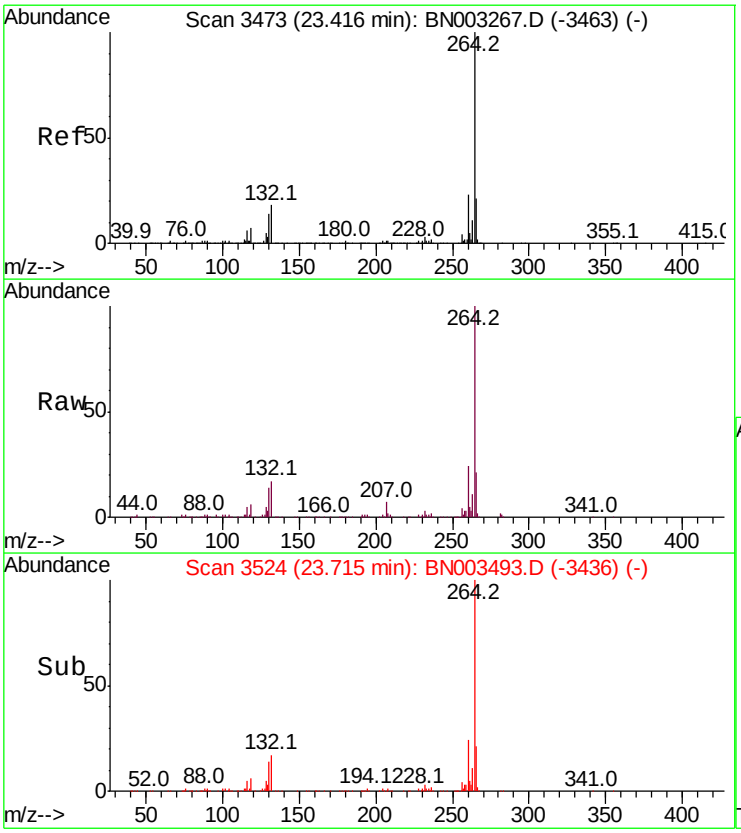
#79
Terphenyl-d14
Concen: 97.838 ng
RT: 19.85 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BN003493.D
Acq: 10 Nov 2018 03:34

Instrument :
BNA_N
ClientSampleId :
110718-TIPC-F-D-S

Tgt Ion:244 Resp: 2166701

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.5	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: BN003493.D
Acq: 10 Nov 2018 03:34

Tgt Ion:264 Resp: 460173

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.4	16.6	25.0