Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110718\
Data File : BN003455.D
Acq On : 07 Nov 2018 17:10
Operator : MJ/SJ
Sample : J5829-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 08 14:32:35 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	100045	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	447673	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	273497	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	610825	20.00	ng		0.00
76) Chrysene-d12	21.40	240	485436	20.00	ng		0.00
87) Perylene-d12	23.72	264	467757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	254331	44.28	ng		0.00
7) Phenol-d6	7.00	99	203745	24.95	ng		-0.01
23) Nitrobenzene-d5	9.02	82	733643	93.98	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	416756	113.16	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	2043031	101.33	ng		0.00
79) Terphenyl-d14	19.85	244	2537199	111.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	10373	3.803	ng	#	1
10) Phenol	7.03	94	18484	2.145	ng		96
19) n-Nitroso-di-n-propylamine	9.02	70	92613	15.725	ng	#	76
51) 2,6-Dinitrotoluene	14.49	165	35271	7.027	ng	#	29
57) 2,4-Dinitrotoluene	14.49	165	35271	5.183	ng	#	20
67) 4-Bromophenyl-phenylether	15.97	248	27034	3.930	ng	#	1
77) Benzidine	19.85	184	30571	2.151	ng		94

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

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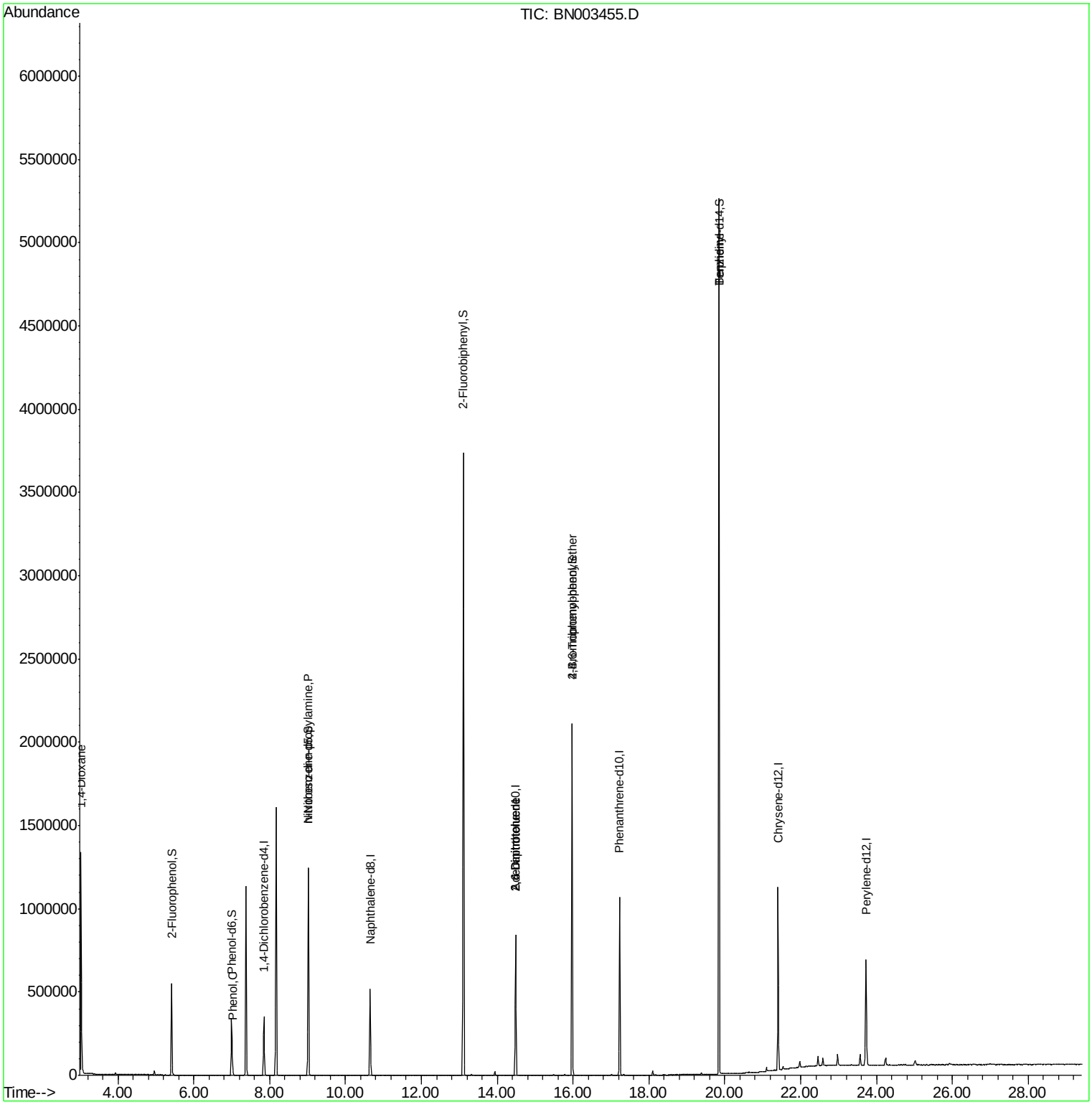
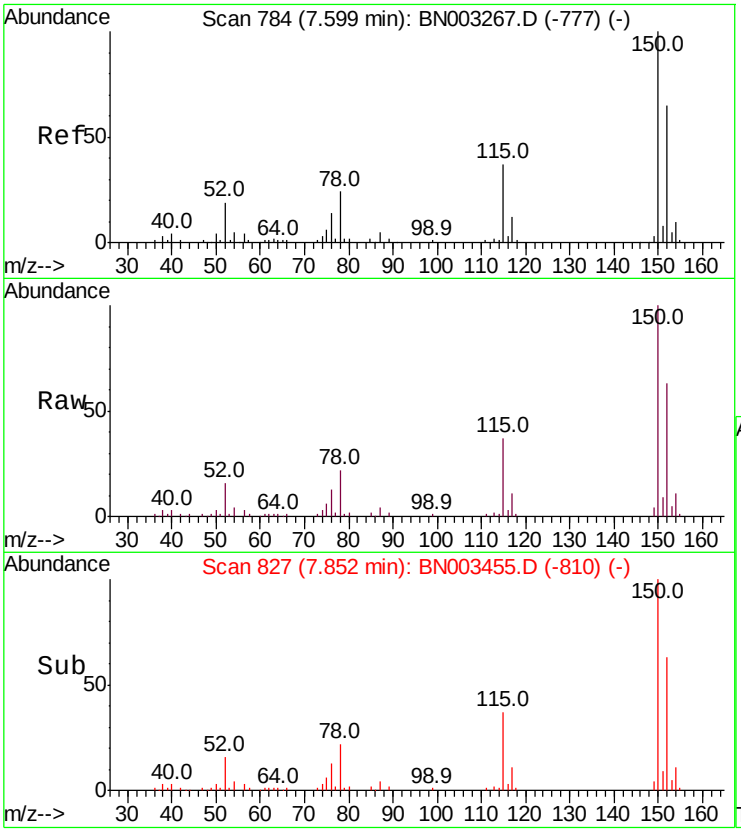


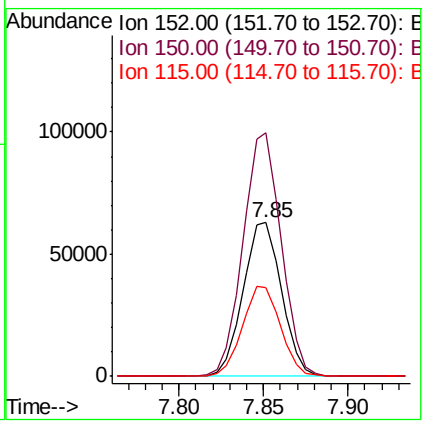


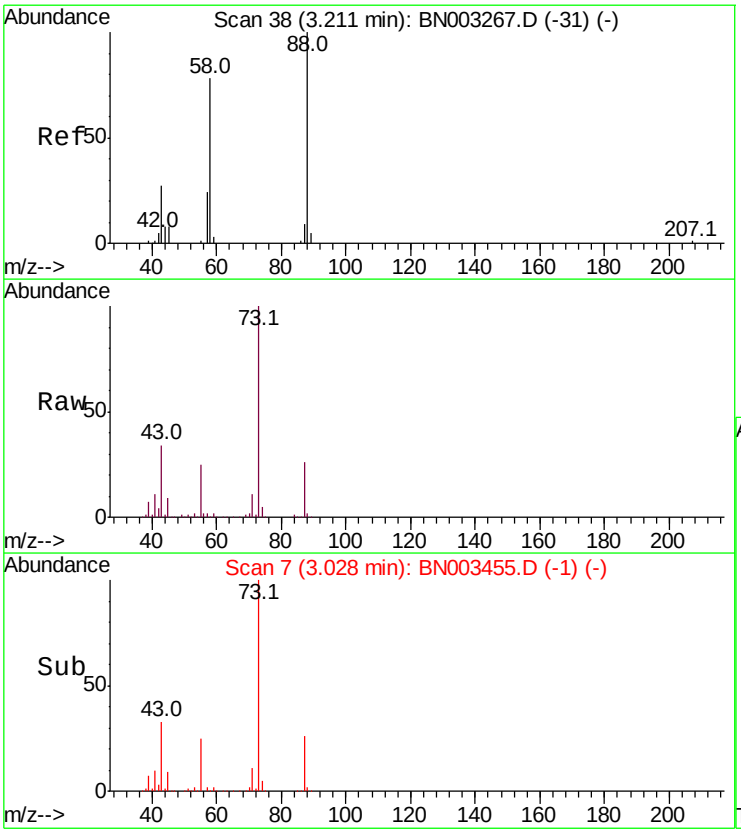
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. 0.00 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 100045

Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.8
115	57.9	45.9	68.9

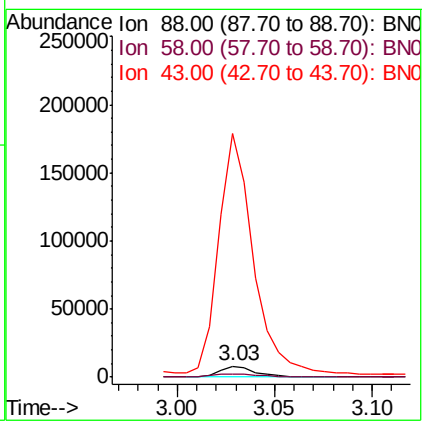


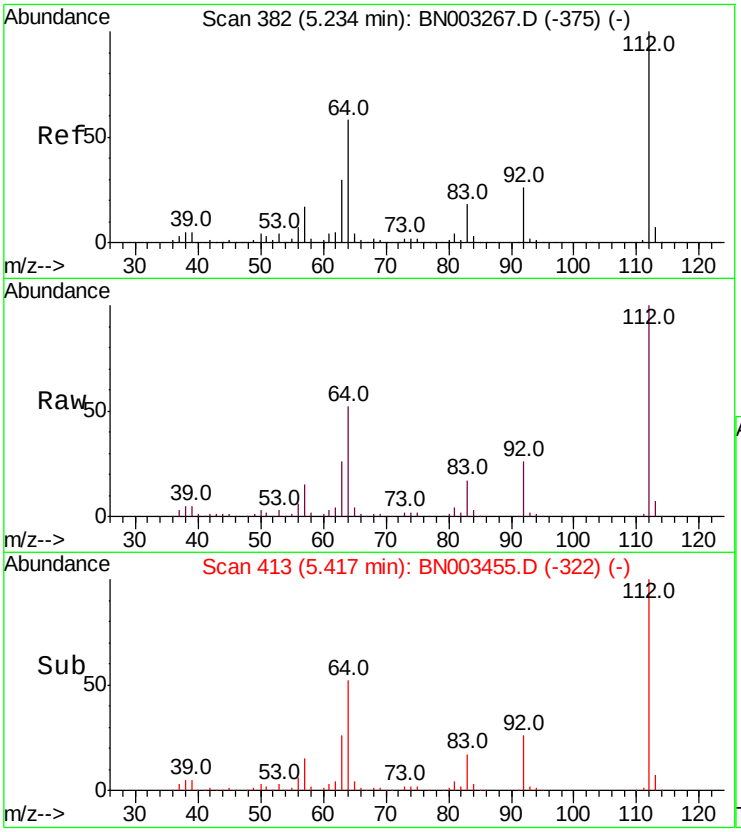


#2
1,4-Dioxane
Concen: 3.803 ng
RT: 3.03 min Scan# 7
Delta R.T. -0.31 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion: 88 Resp: 10373

Ion	Ratio	Lower	Upper
88	100		
58	23.2	61.1	91.7#
43	2125.4	22.2	33.4#



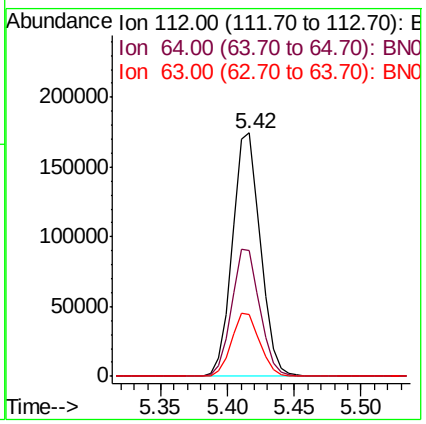


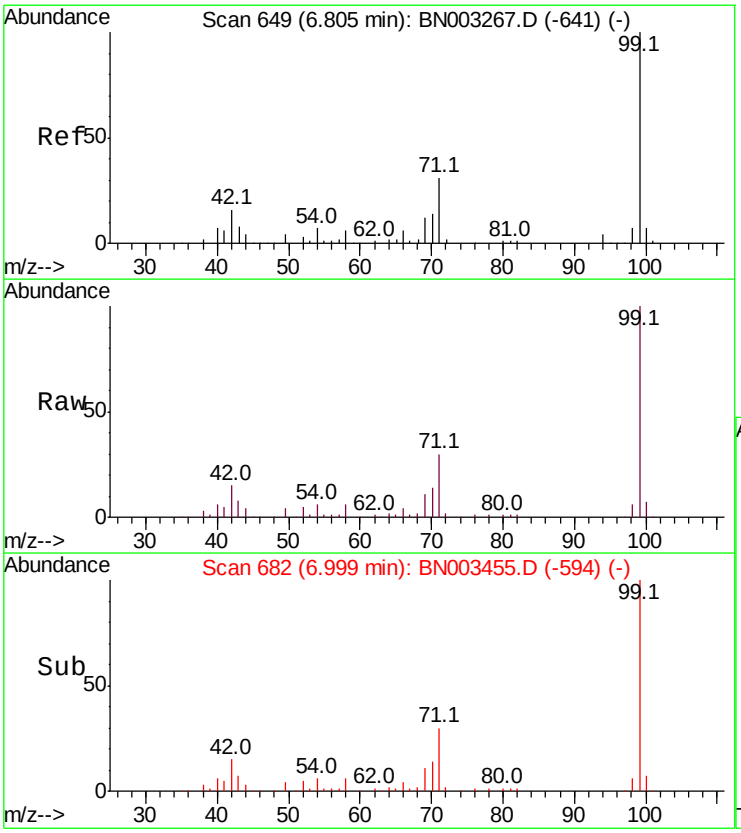
#5
2-Fluorophenol
Concen: 44.278 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 254331

Ion	Ratio	Lower	Upper
112	100		
64	51.9	46.6	69.8
63	25.7	23.8	35.8

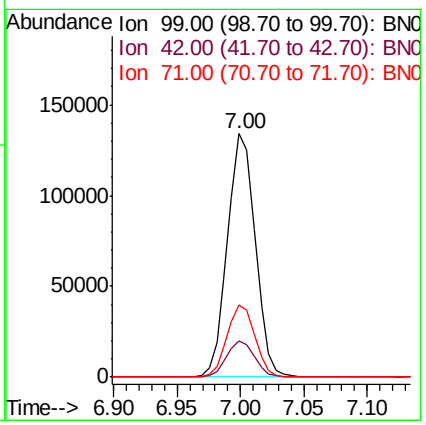


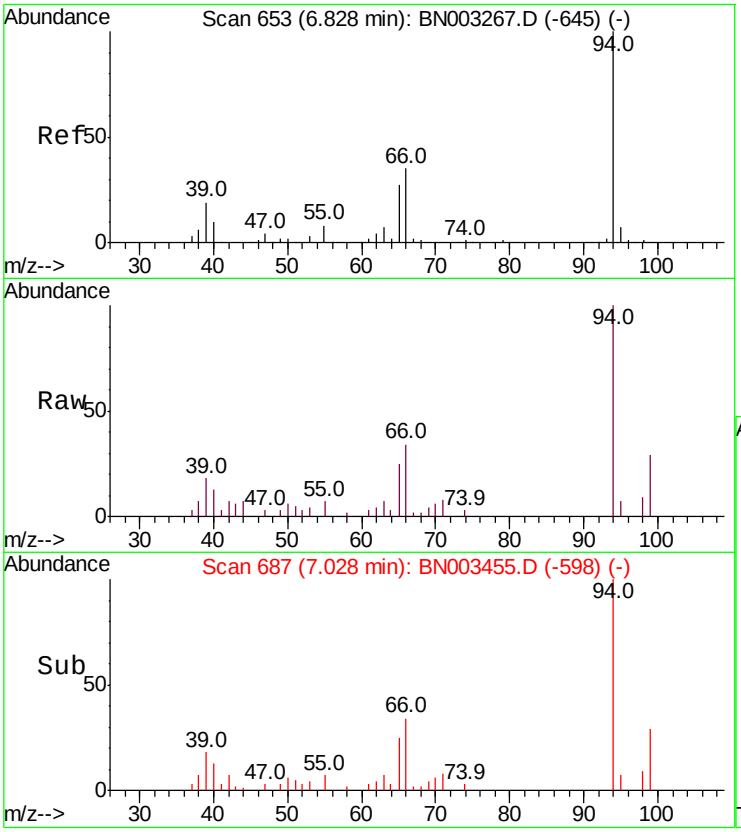


#7
Phenol-d6
Concen: 24.945 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion: 99 Resp: 203745

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.0	19.6
71	29.6	24.5	36.7



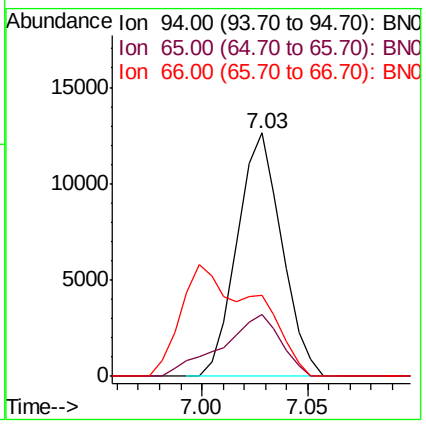


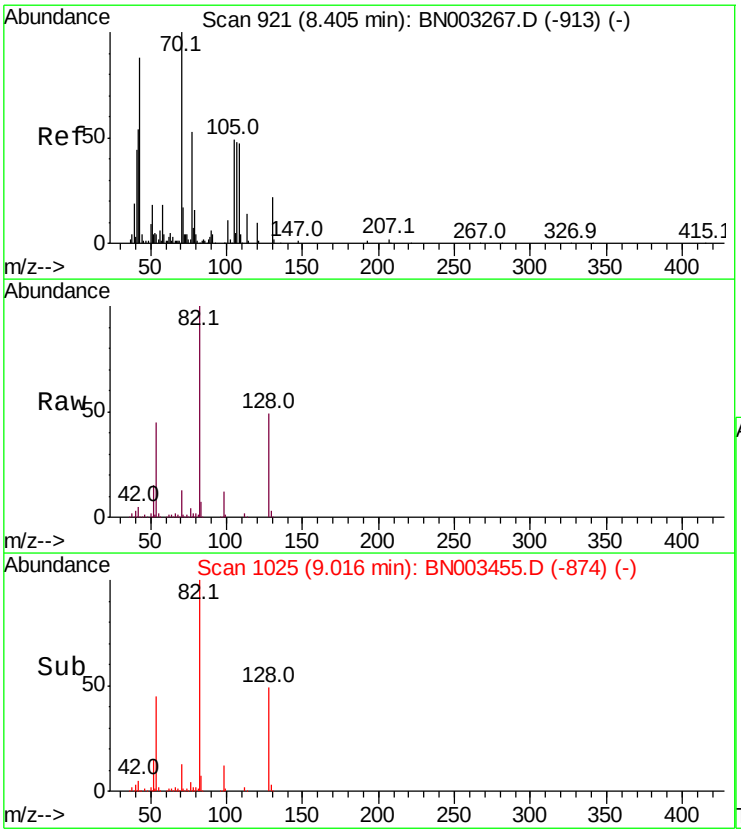
#10
Phenol
Concen: 2.145 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 18484

Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.7	47.7
66	33.5	15.8	55.8

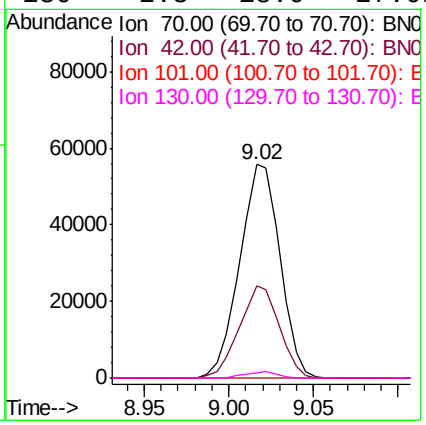


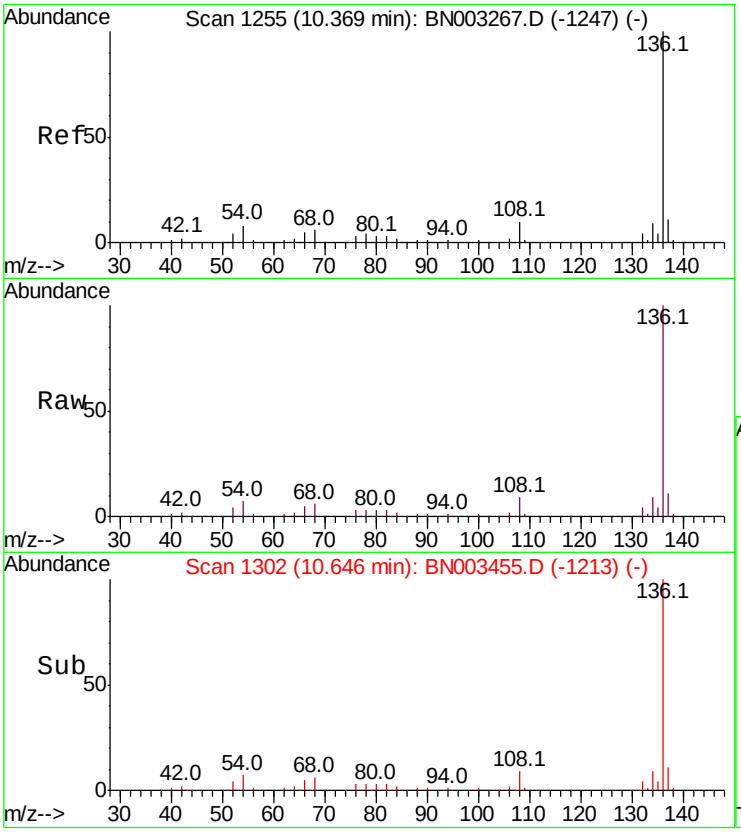


#19
n-Nitroso-di-n-propylamine
Concen: 15.725 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion: 70 Resp: 92613

Ion	Ratio	Lower	Upper
70	100		
42	43.2	43.5	65.3#
101	0.0	8.6	12.8#
130	2.3	18.0	27.0#



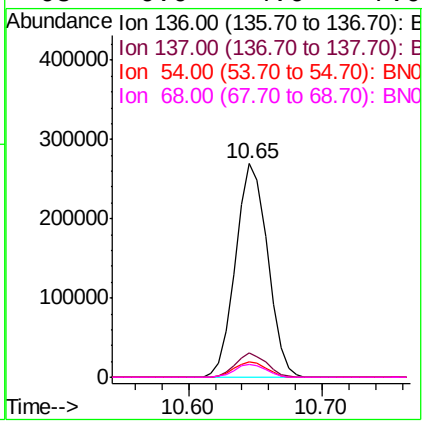


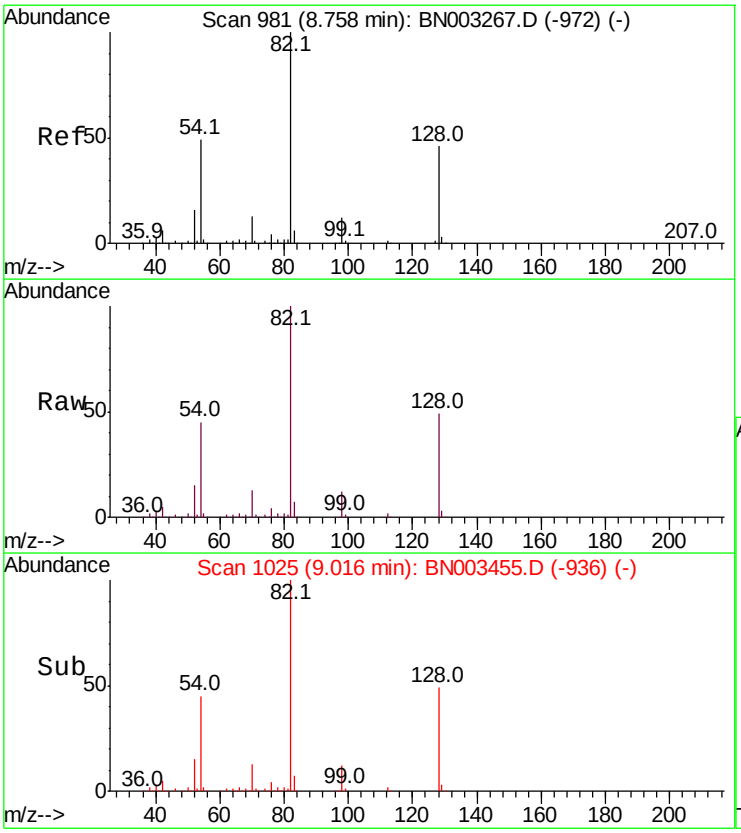
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 447673

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.3	6.6	10.0
68	6.0	4.6	7.0

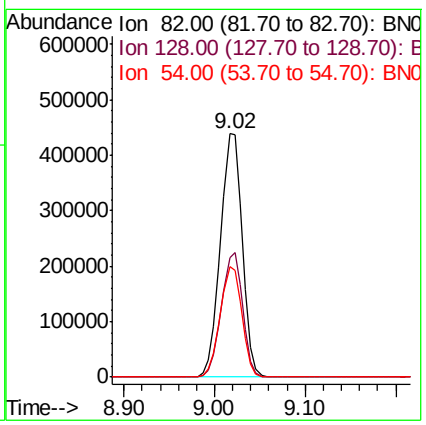


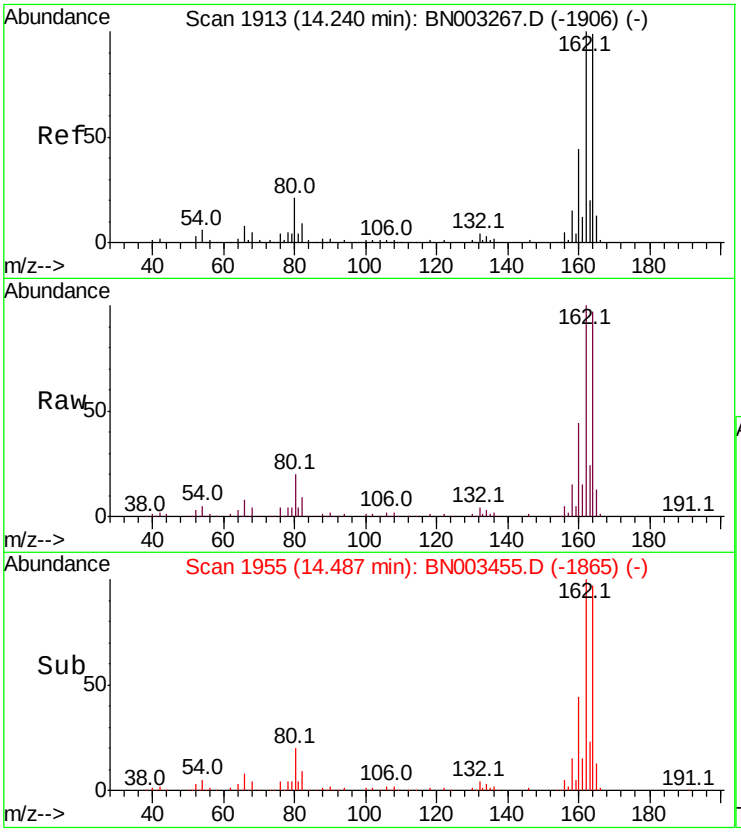


#23
Nitrobenzene-d5
Concen: 93.983 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion: 82 Resp: 733643

Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.1	55.7
54	45.2	39.4	59.2



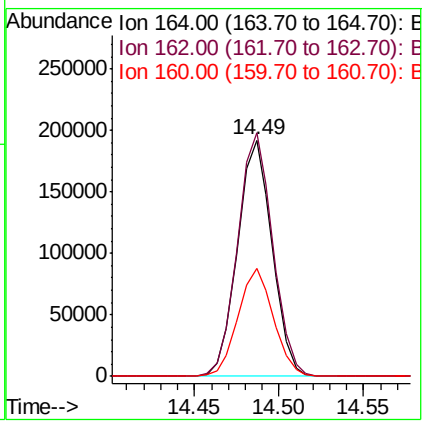


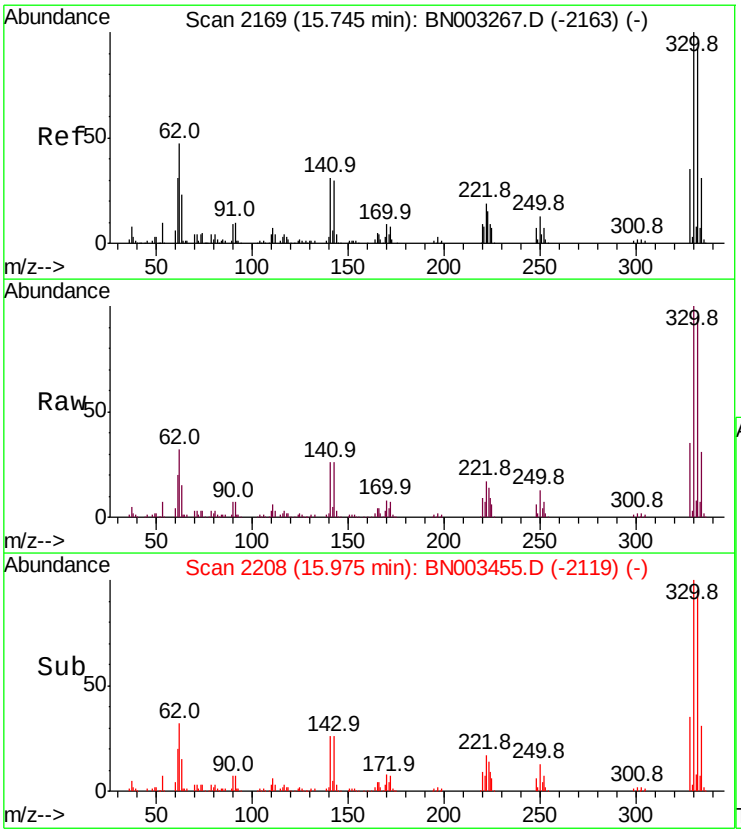
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 273497

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.8	121.2
160	45.5	35.5	53.3

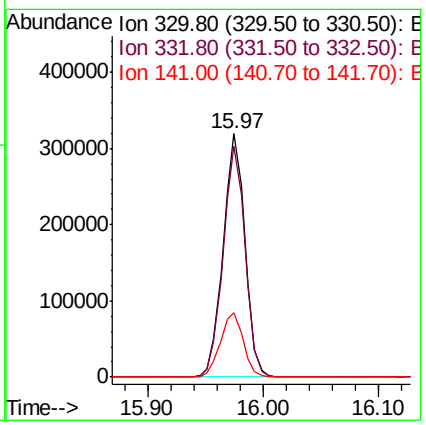


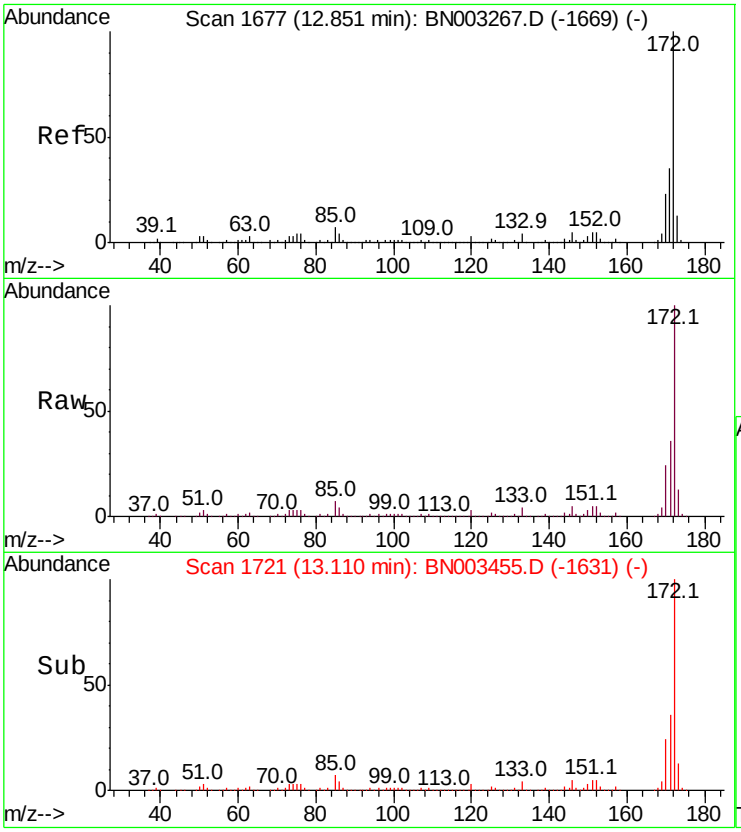


#42
2,4,6-Tribromophenol
Concen: 113.165 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion:330 Resp: 416756

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	27.6	24.5	36.7



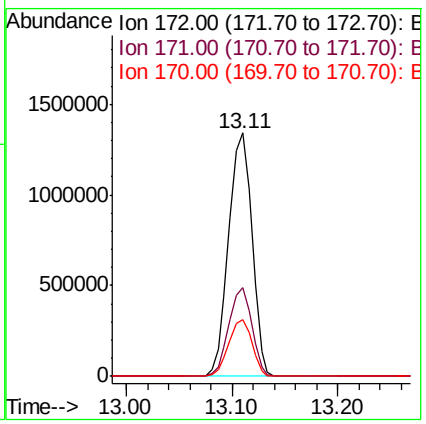


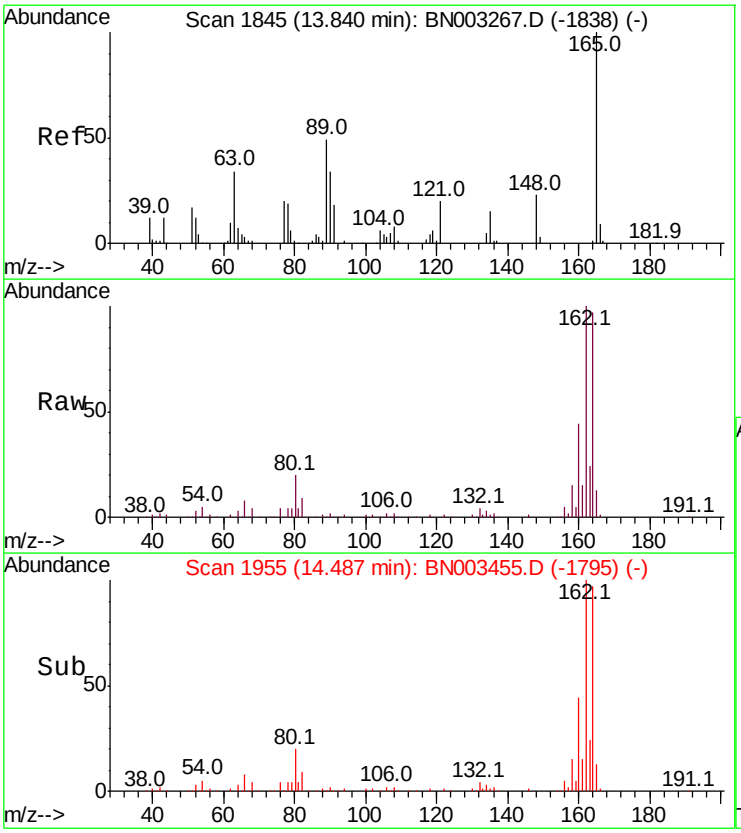
#45
2-Fluorobiphenyl
Concen: 101.325 ng
RT: 13.11 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2043031

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.4
170	23.6	18.4	27.6

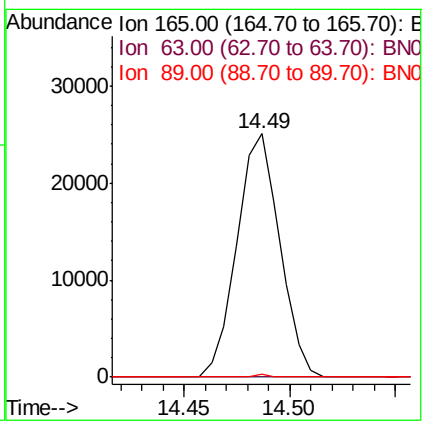


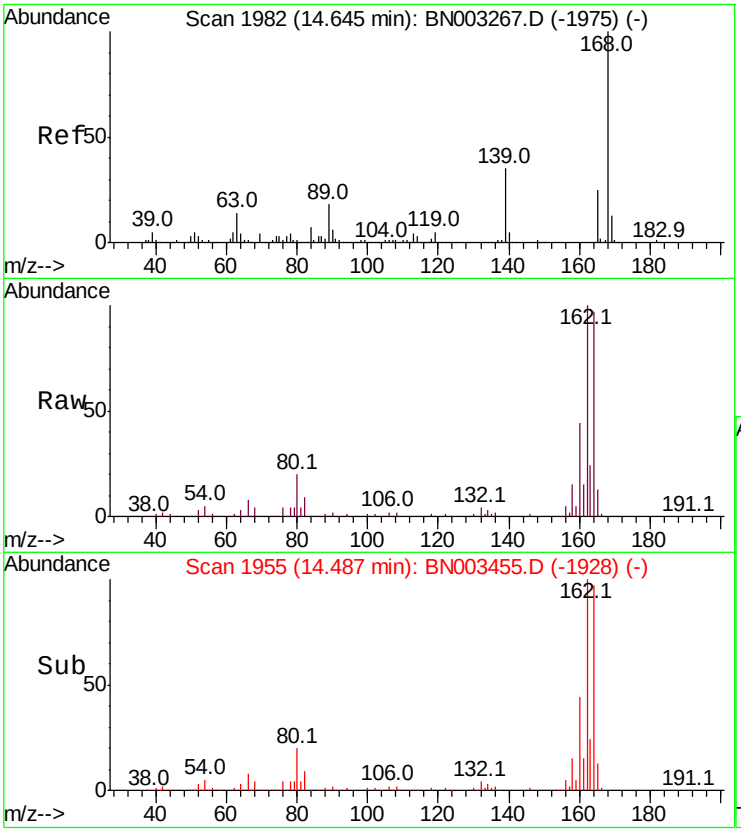


#51
2,6-Dinitrotoluene
Concen: 7.027 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.41 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion:165 Resp: 35271

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



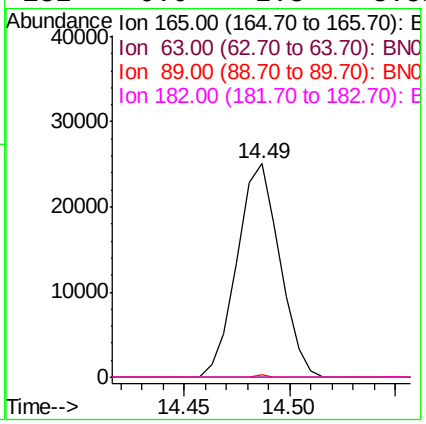


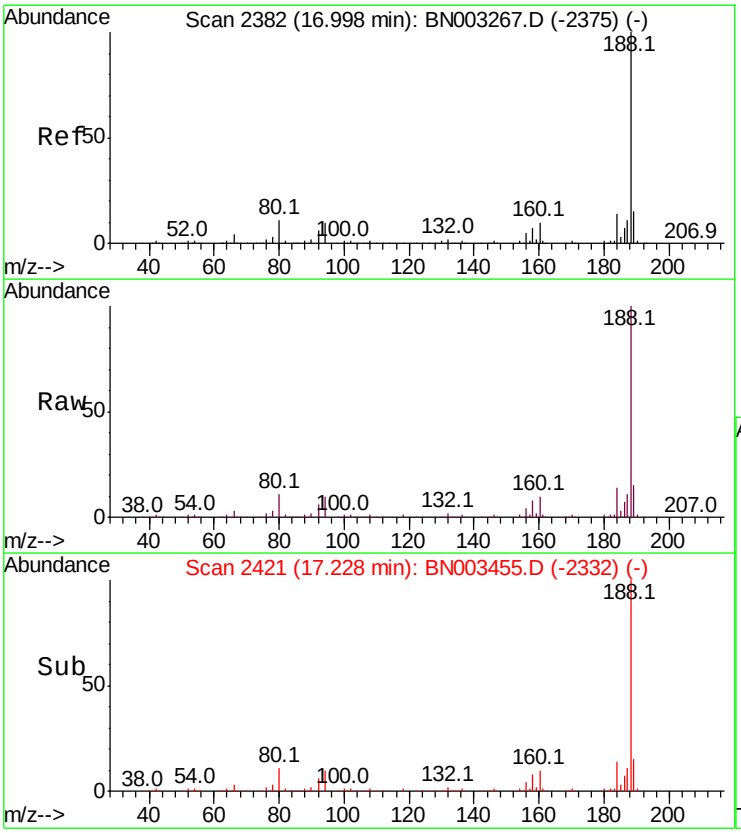
#57
2,4-Dinitrotoluene
Concen: 5.183 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.37 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 35271

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#

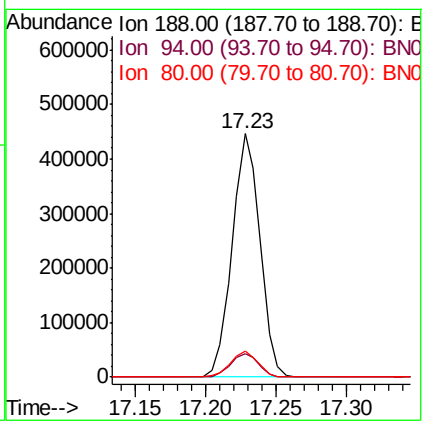


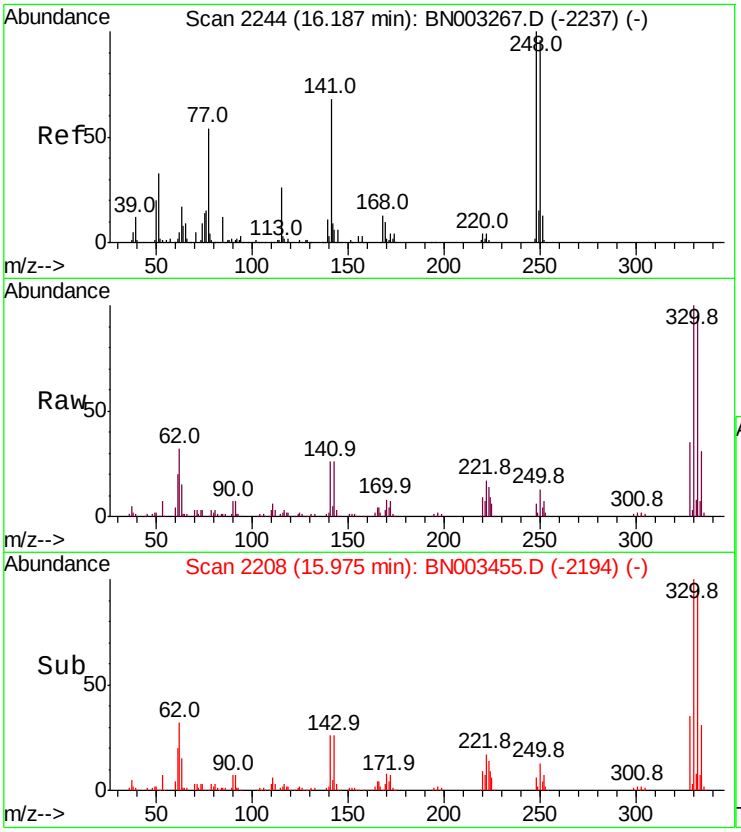


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion:188 Resp: 610825

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.6	8.6	13.0



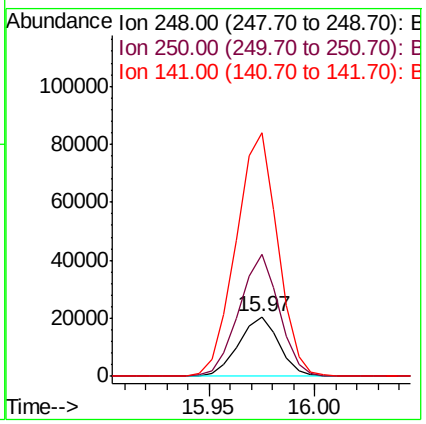


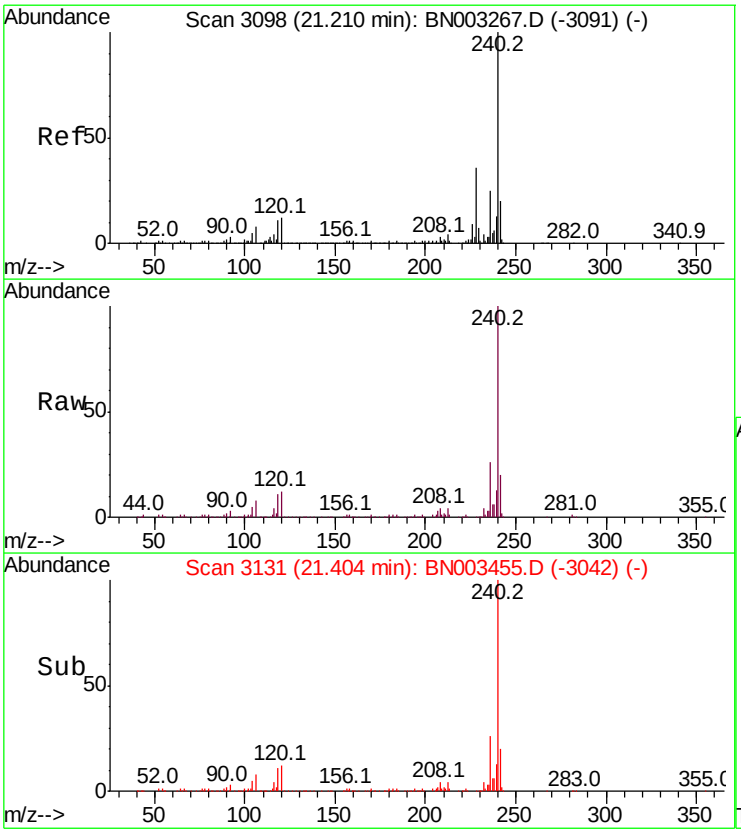
#67
4-Bromophenyl-phenylether
Concen: 3.930 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 27034

Ion	Ratio	Lower	Upper
248	100		
250	205.4	76.4	114.6#
141	410.8	54.2	81.4#

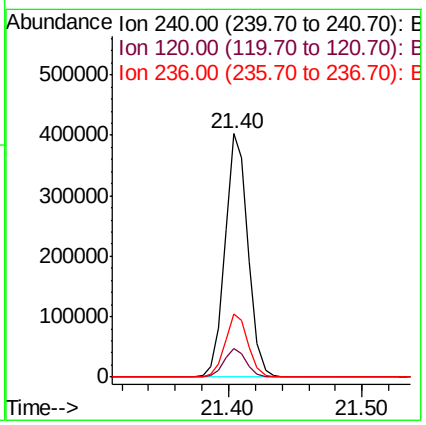


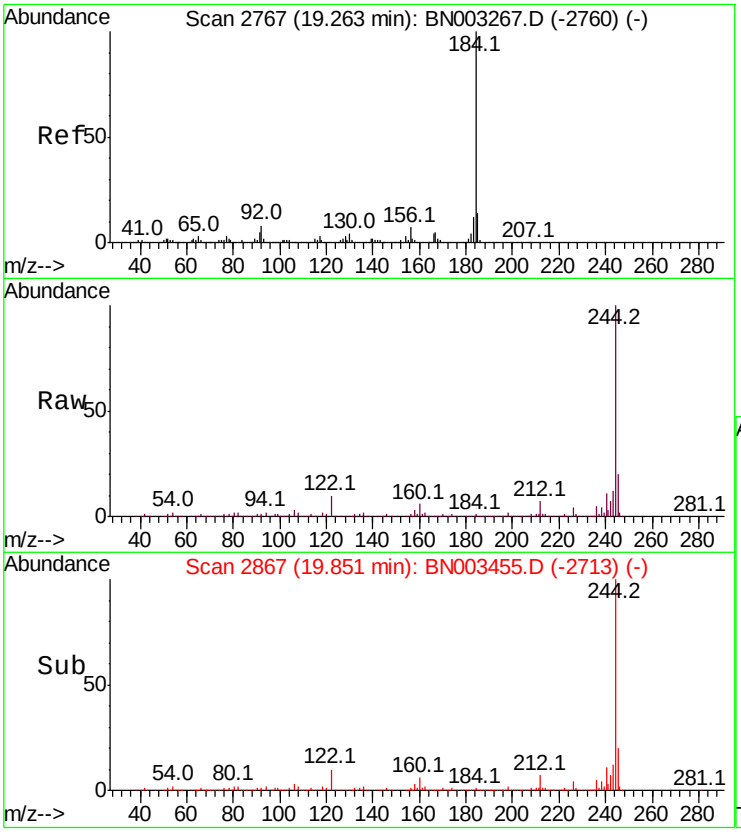


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion:240 Resp: 485436

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.0
236	25.7	20.3	30.5



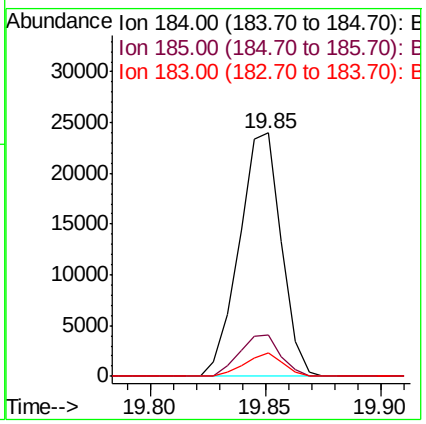


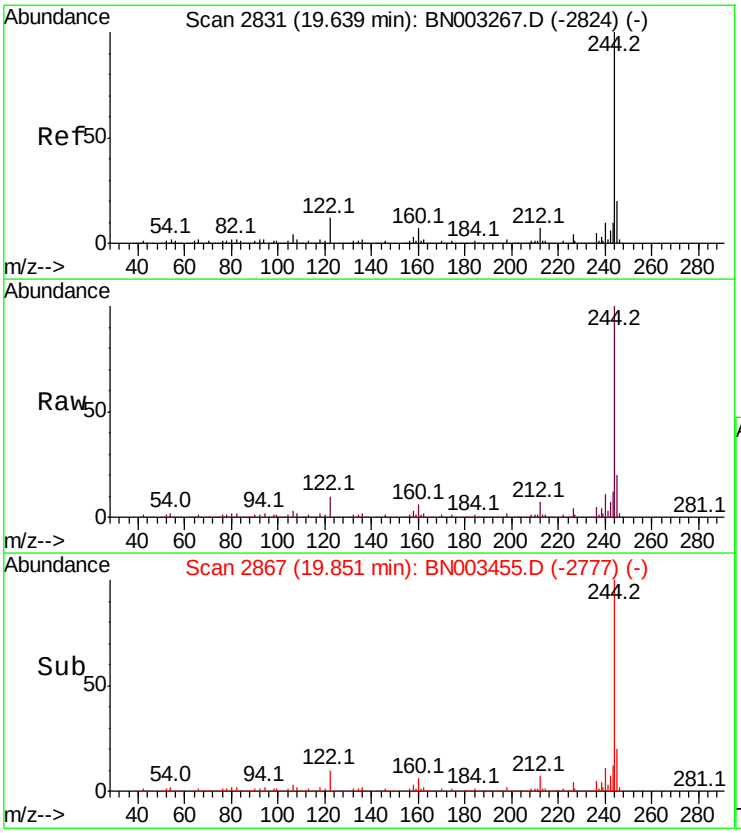
#77
Benzidine
Concen: 2.151 ng
RT: 19.85 min Scan# 2867
Delta R.T. 0.38 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:184 Resp: 30571

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.5	17.3
183	9.7	9.4	14.0

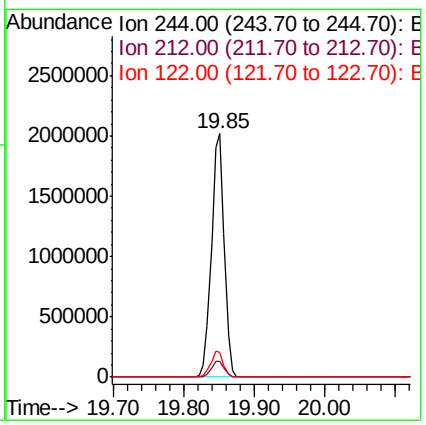


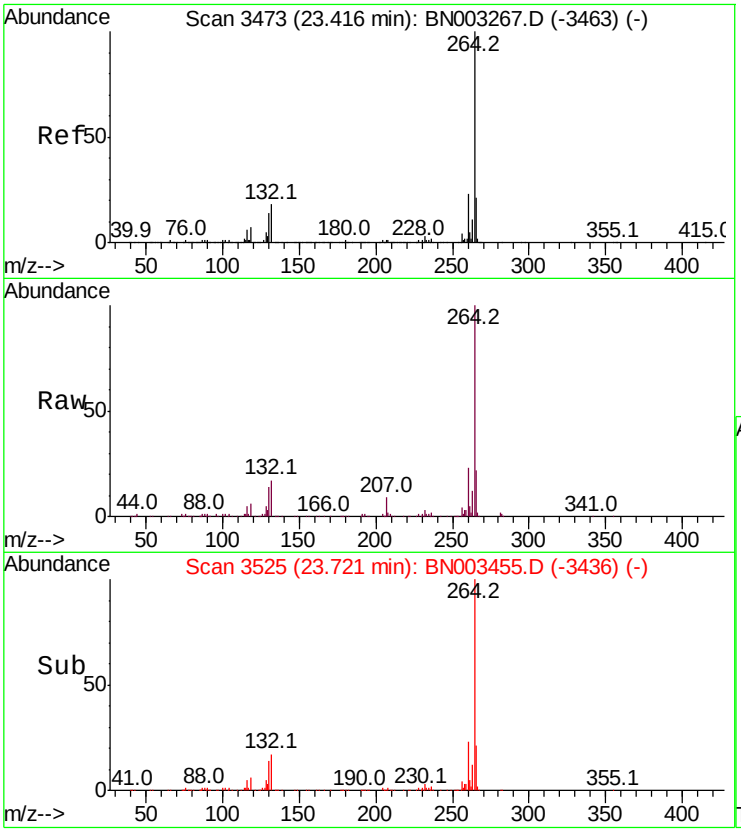


#79
Terphenyl-d14
Concen: 111.774 ng
RT: 19.85 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BN003455.D
Acq: 07 Nov 2018 17:10

Tgt Ion:244 Resp: 2537199

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.4	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: BN003455.D
Acq: 07 Nov 2018 17:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 467757

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	16.6	25.0