Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003486.D
Acq On : 09 Nov 2018 23:27
Operator : MJ/SJ
Sample : J5860-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-110(14-16)

Quant Time: Nov 12 03:22:11 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	102893	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	440038	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	258168	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	563416	20.00	ng		0.00
76) Chrysene-d12	21.40	240	472420	20.00	ng		0.00
87) Perylene-d12	23.72	264	450348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	911826	154.35	ng		0.00
7) Phenol-d6	7.01	99	1245035	148.22	ng		0.00
23) Nitrobenzene-d5	9.02	82	715514	93.25	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	635654	182.85	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	1881780	98.87	ng		0.00
79) Terphenyl-d14	19.85	244	2562387	115.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.03	94	90822	10.246	ng		96
19) n-Nitroso-di-n-propylamine	9.02	70	91672	15.134	ng	#	76
50) Dimethylphthalate	13.93	163	332360	15.922	ng		99
56) 4-Nitrophenol	14.70	139	365	5.513	ng	#	16
57) 2,4-Dinitrotoluene	14.48	165	34398	5.355	ng	#	20
67) 4-Bromophenyl-phenylether	15.97	248	41235	6.498	ng	#	1
77) Benzidine	19.85	184	30818	2.228	ng	#	93

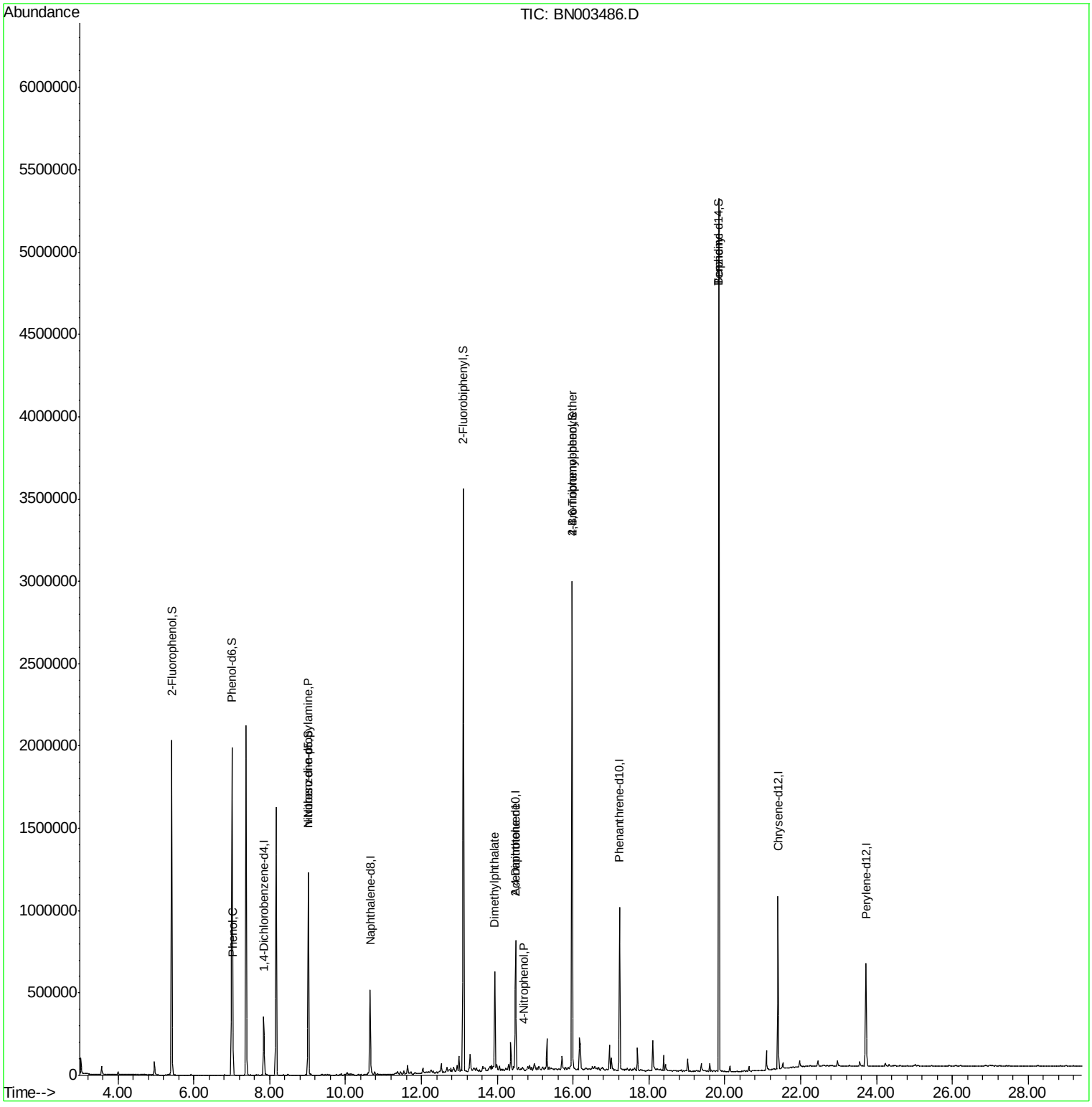
(#) = qualifier out of range (m) = manual integration (+) = signals summed

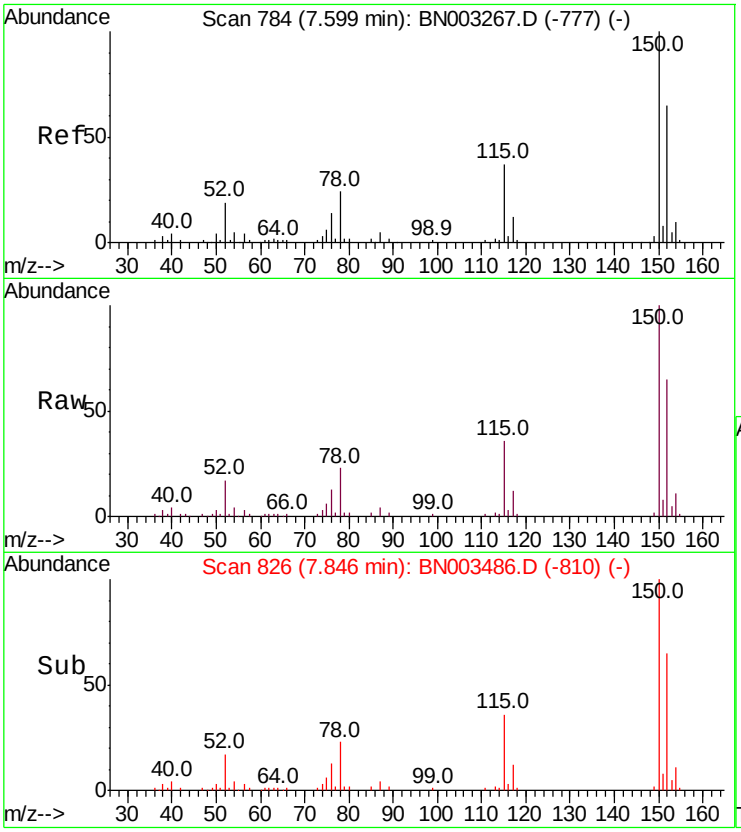
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003486.D
Acq On : 09 Nov 2018 23:27
Operator : MJ/SJ
Sample : J5860-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Quant Time: Nov 12 03:22:11 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



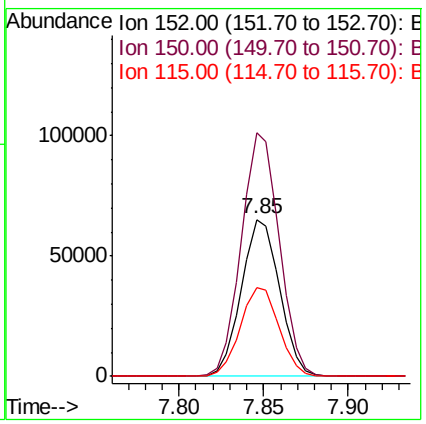


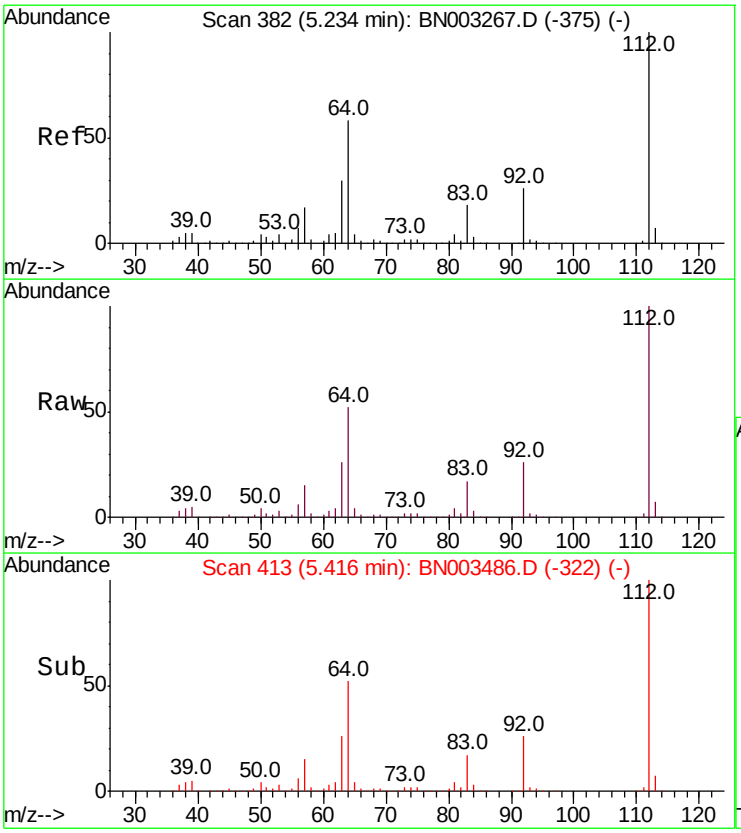
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion:152 Resp: 102893

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.8
115	56.4	45.9	68.9

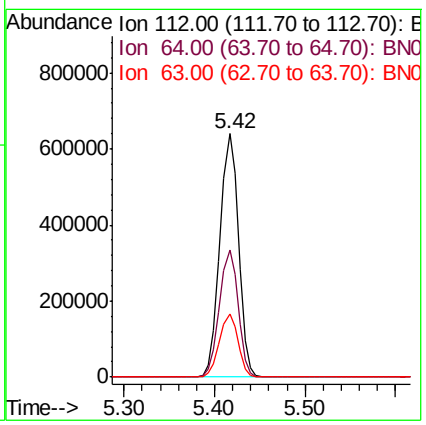


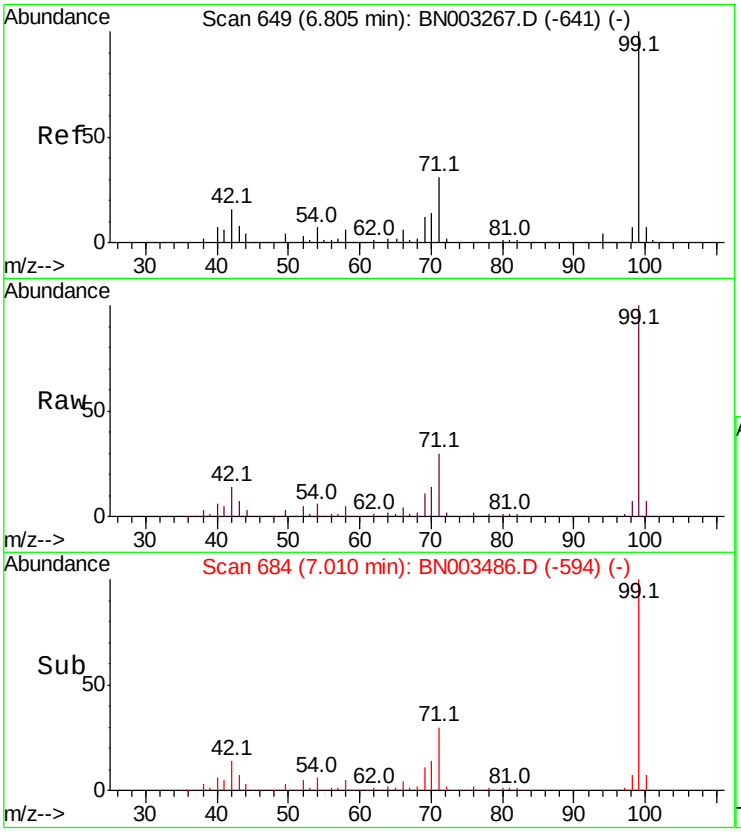


#5
2-Fluorophenol
Concen: 154.352 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:112 Resp: 911826

Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.6	69.8
63	25.8	23.8	35.8



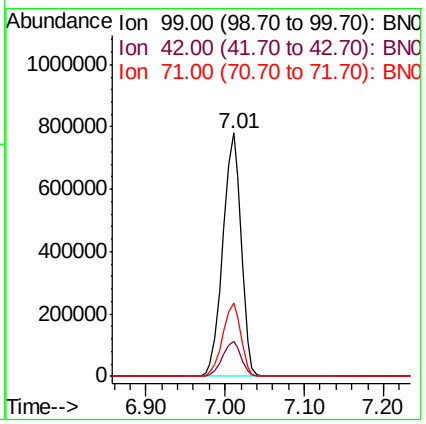


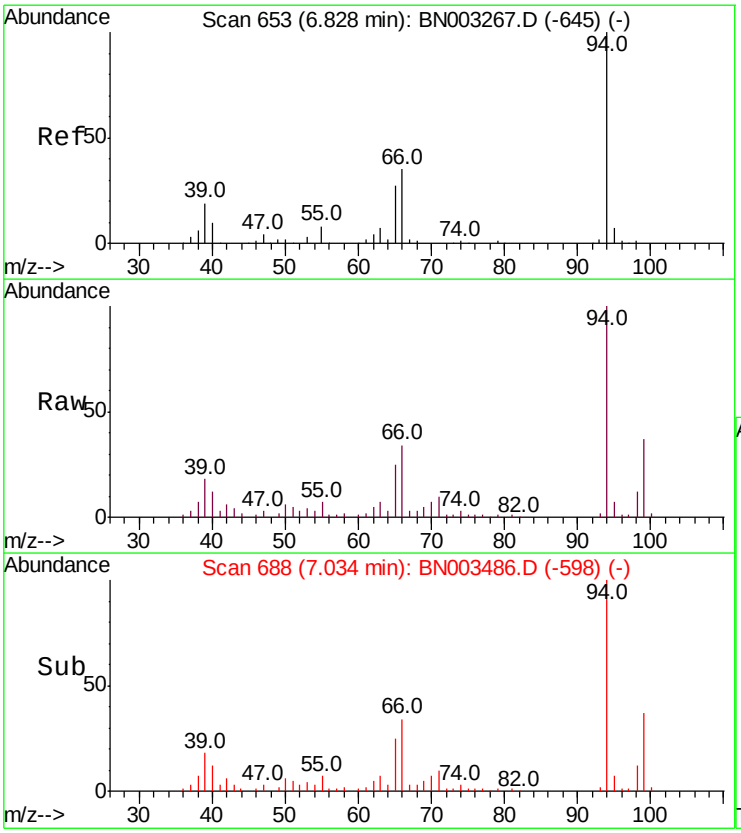
#7
Phenol-d6
Concen: 148.216 ng
RT: 7.01 min Scan# 684
Delta R.T. 0.00 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion: 99 Resp: 1245035

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.0	19.6
71	29.9	24.5	36.7

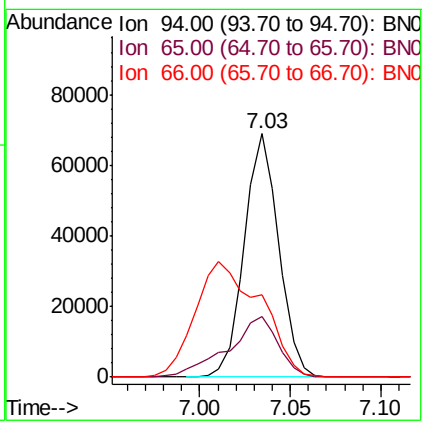


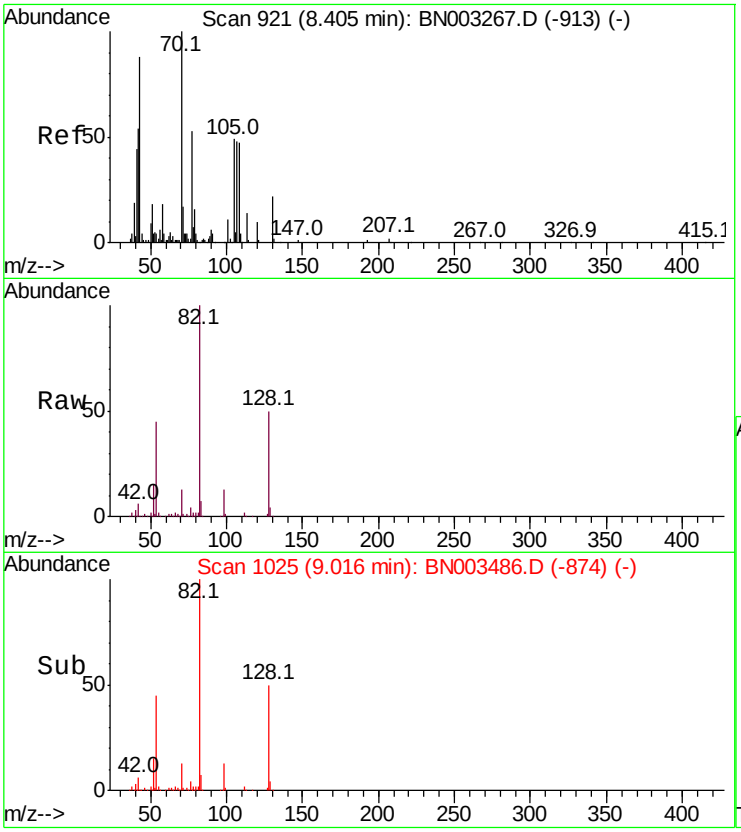


#10
Phenol
Concen: 10.246 ng
RT: 7.03 min Scan# 688
Delta R.T. 0.00 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion: 94 Resp: 90822

Ion	Ratio	Lower	Upper
94	100		
65	25.1	7.7	47.7
66	33.9	15.8	55.8



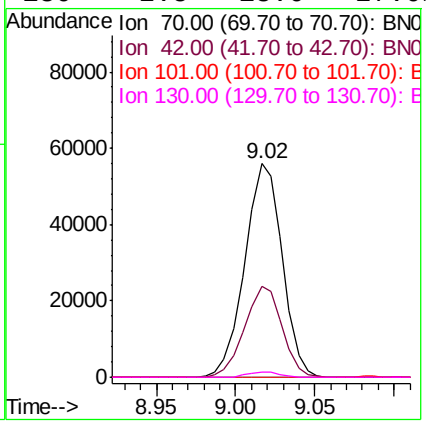


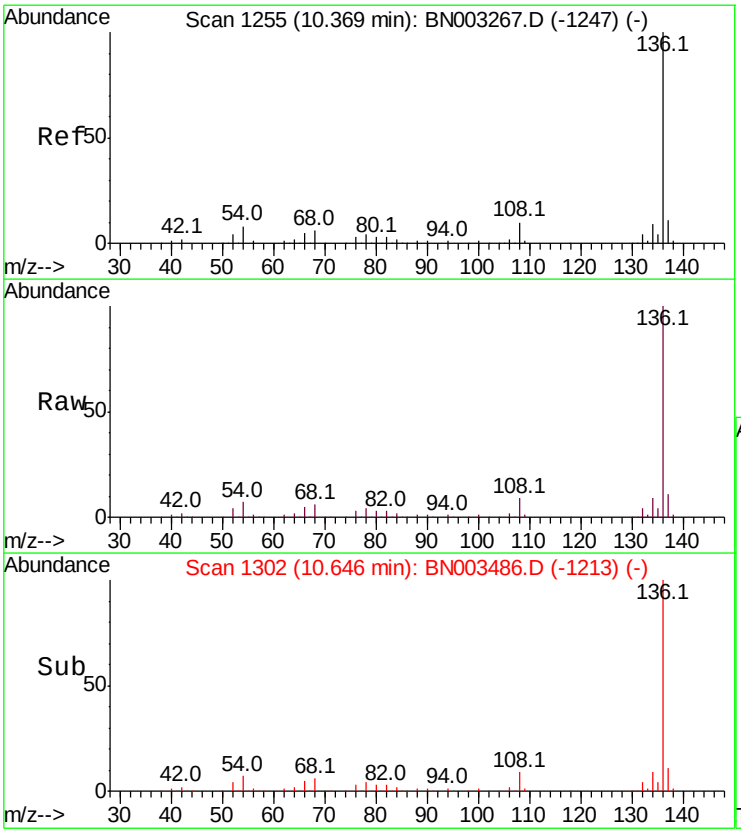
#19
n-Nitroso-di-n-propylamine
Concen: 15.134 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.36 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion: 70 Resp: 91672

Ion	Ratio	Lower	Upper
70	100		
42	42.6	43.5	65.3#
101	0.0	8.6	12.8#
130	2.5	18.0	27.0#

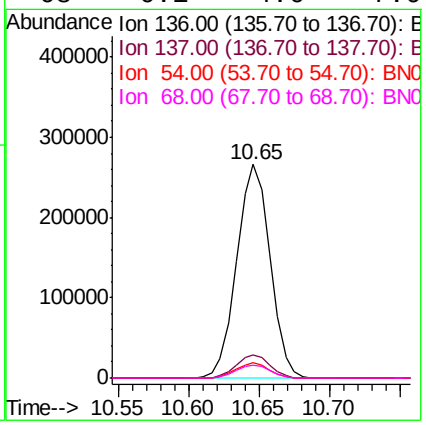


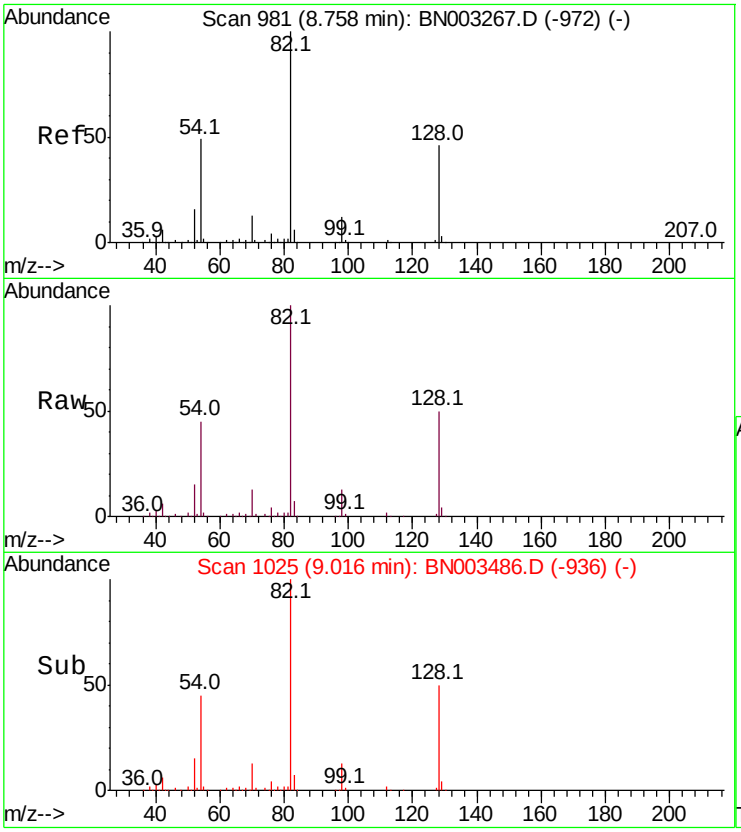


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:136 Resp: 440038

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.1	6.6	10.0
68	6.1	4.6	7.0



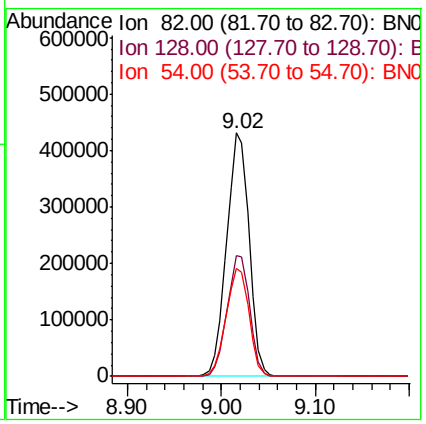


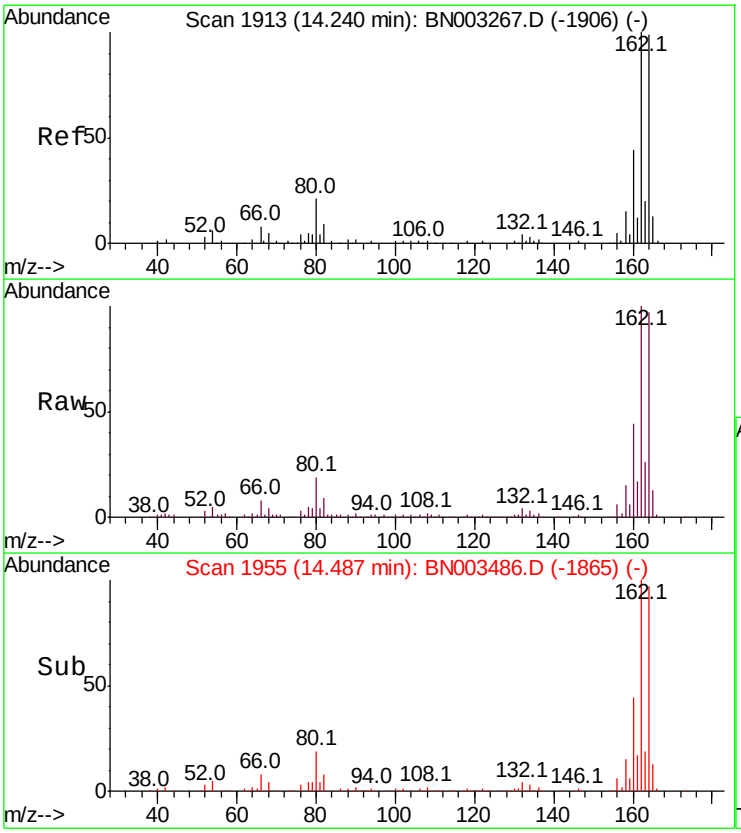
#23
Nitrobenzene-d5
Concen: 93.251 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion: 82 Resp: 715514

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.1	55.7
54	44.6	39.4	59.2

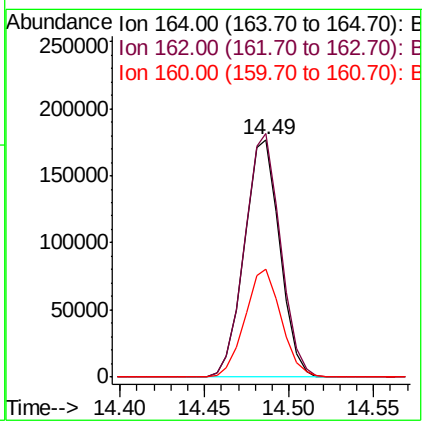


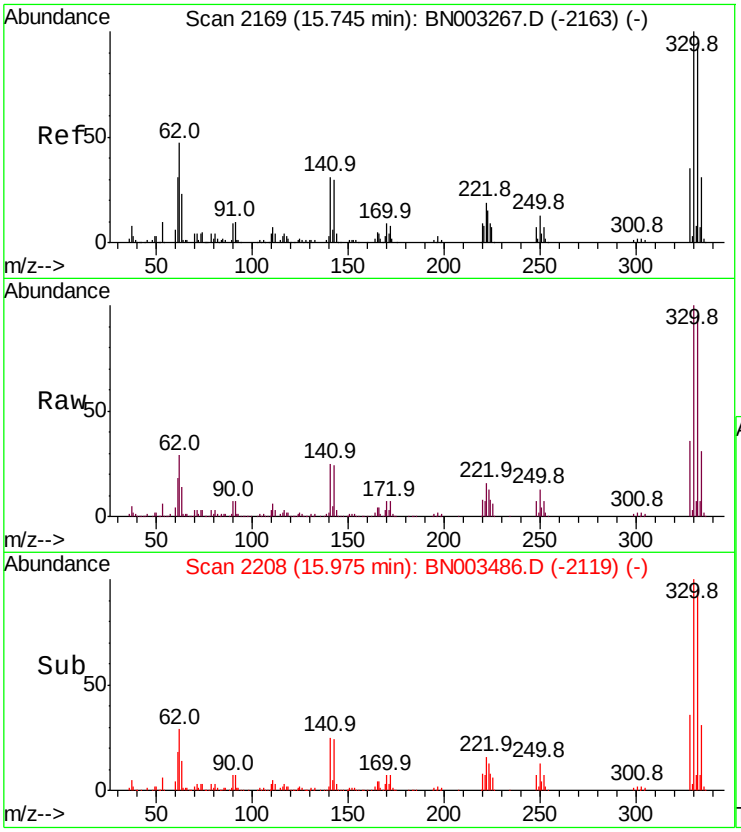


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:164 Resp: 258168

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.8	121.2
160	45.4	35.5	53.3



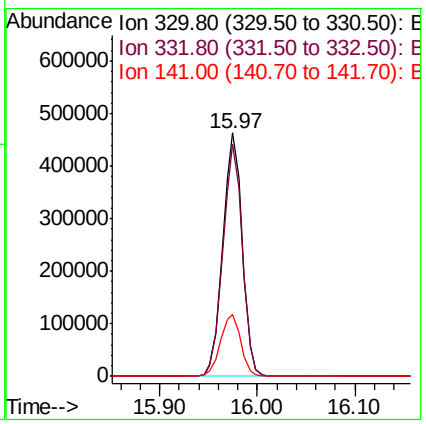


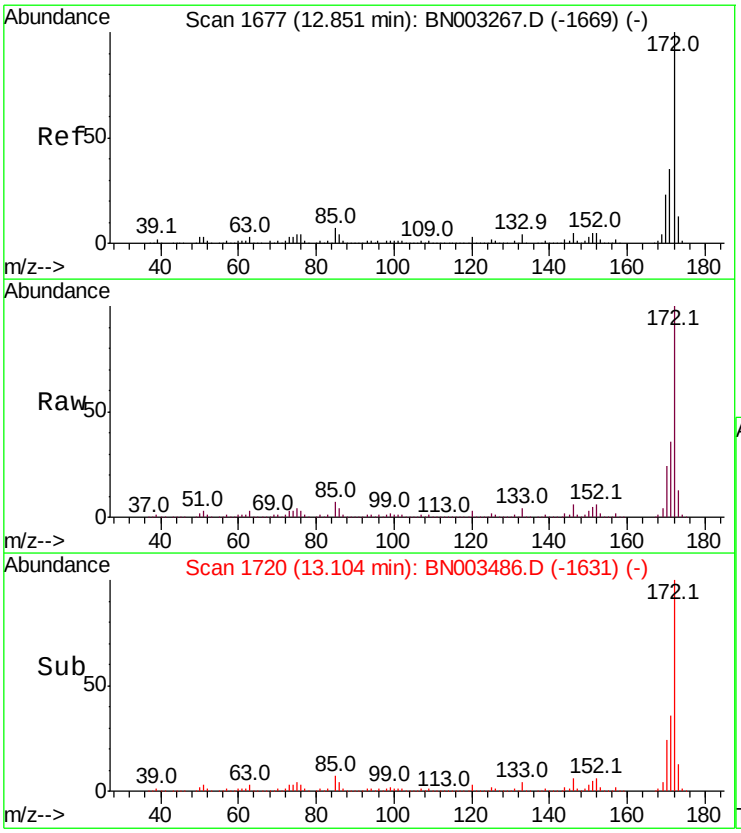
#42
2,4,6-Tribromophenol
Concen: 182.853 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion:330 Resp: 635654

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	26.7	24.5	36.7

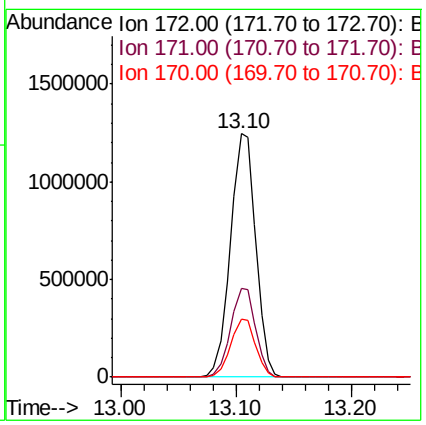


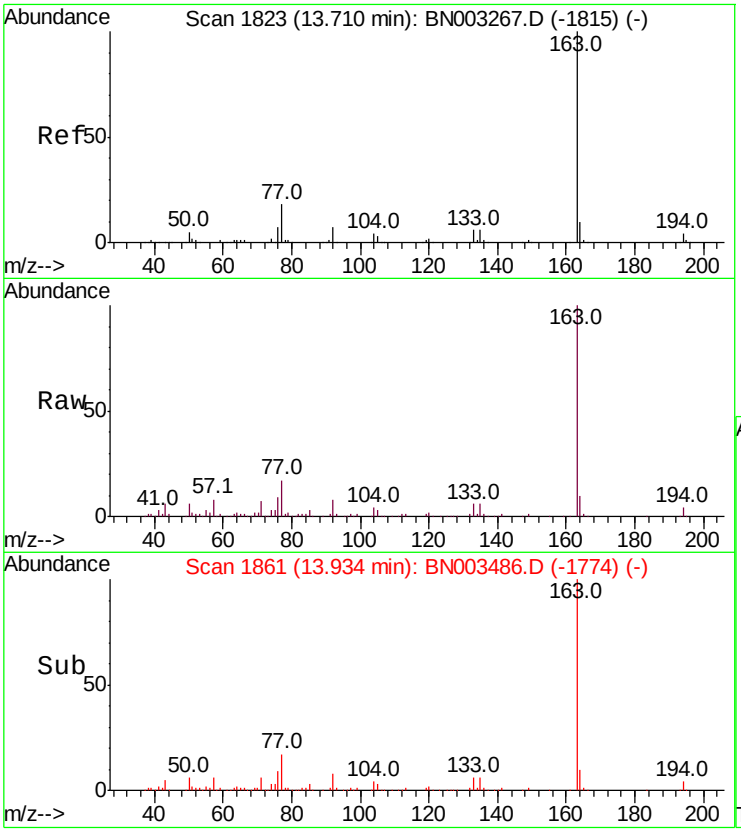


#45
2-Fluorobiphenyl
Concen: 98.869 ng
RT: 13.10 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:172 Resp: 1881780

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.4
170	23.9	18.4	27.6



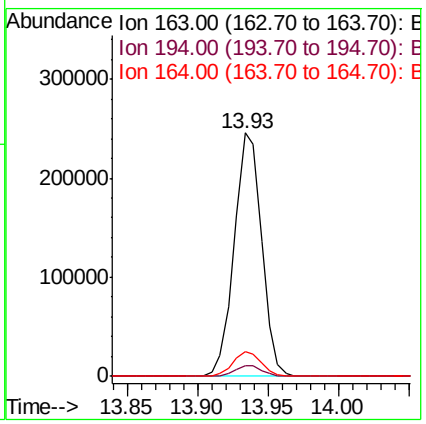


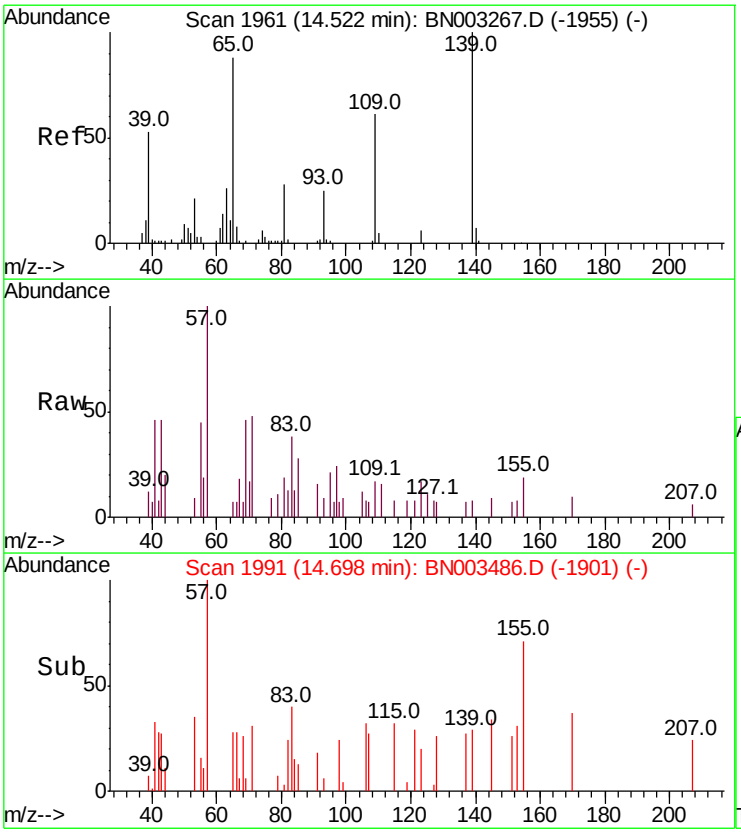
#50
Dimethylphthalate
Concen: 15.922 ng
RT: 13.93 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion:163 Resp: 332360

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	7.9	11.9

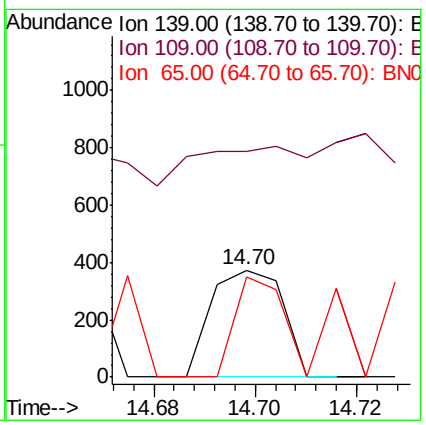


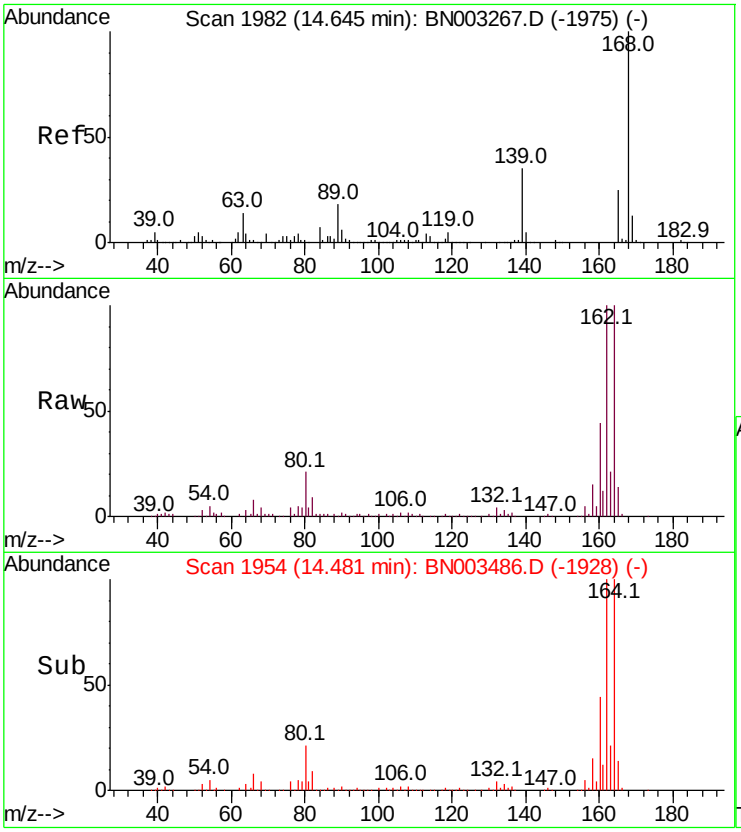


#56
4-Nitrophenol
Concen: 5.513 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:139 Resp: 365

Ion	Ratio	Lower	Upper
139	100		
109	210.2	40.7	80.7#
65	94.1	68.0	108.0



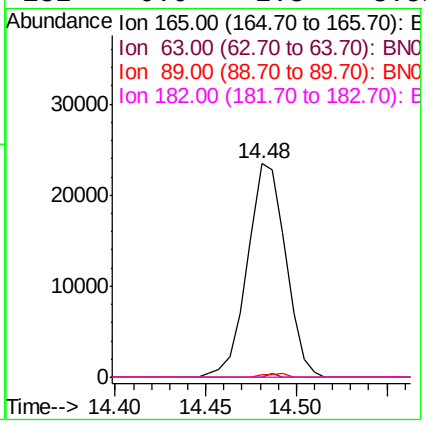


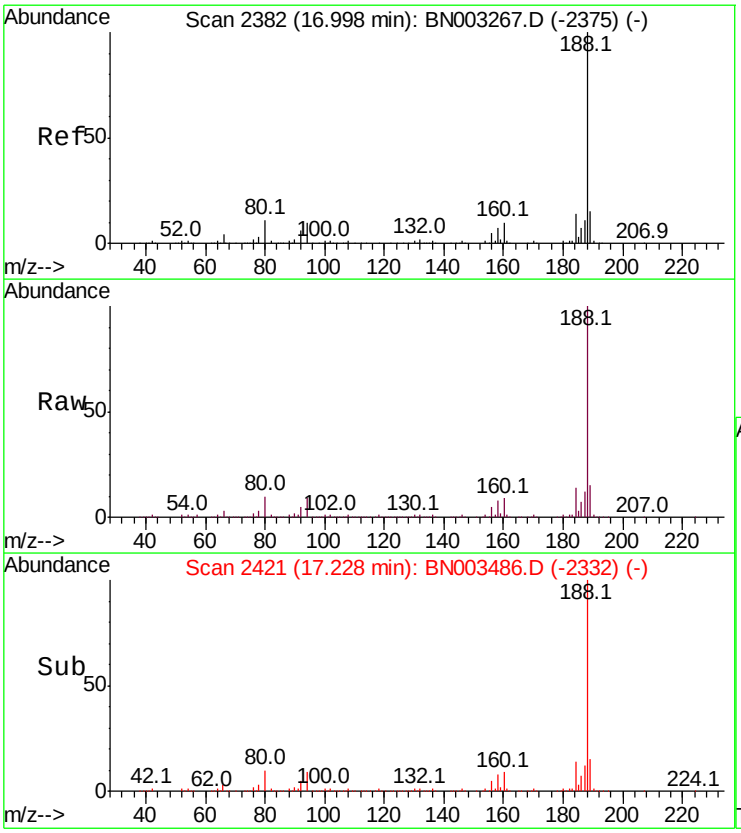
#57
2,4-Dinitrotoluene
Concen: 5.355 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion:165 Resp: 34398

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.6#
89	1.4	58.7	88.1#
182	0.0	2.3	3.5#

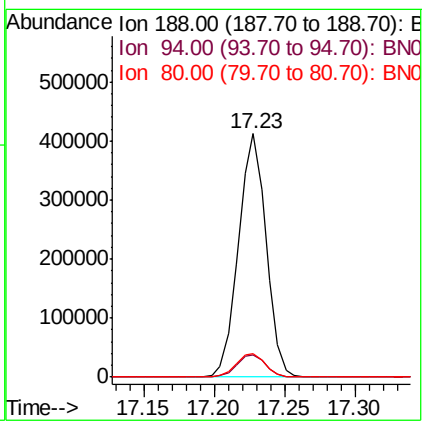


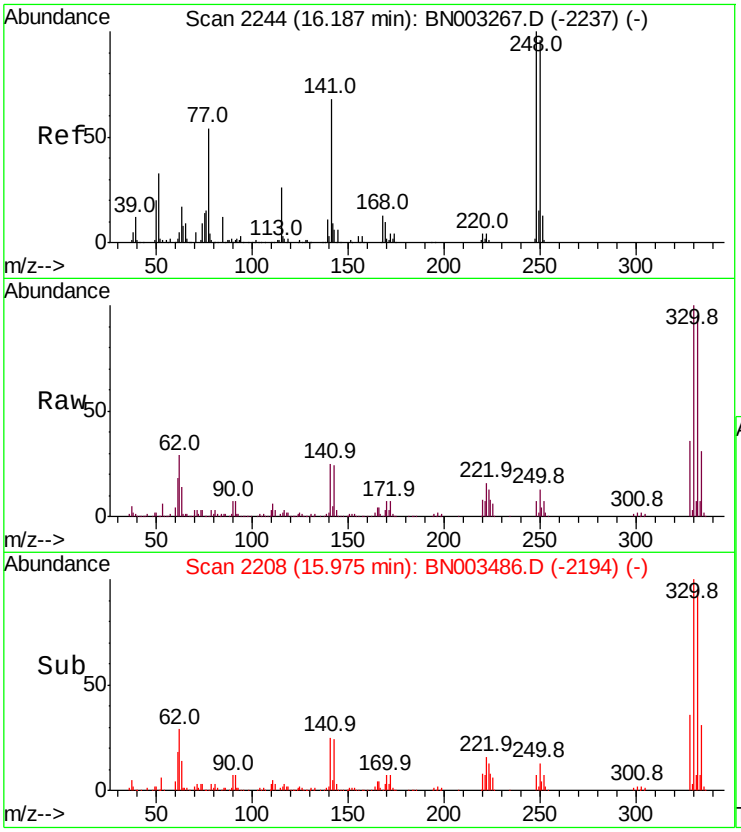


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:188 Resp: 563416

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.9	8.6	13.0



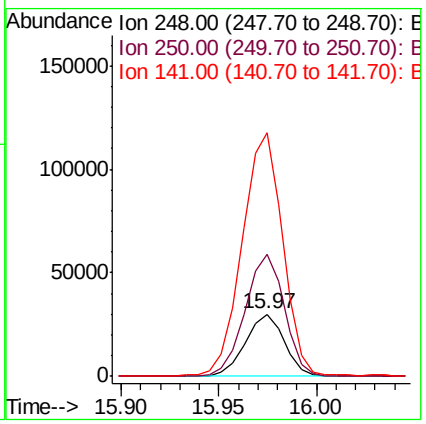


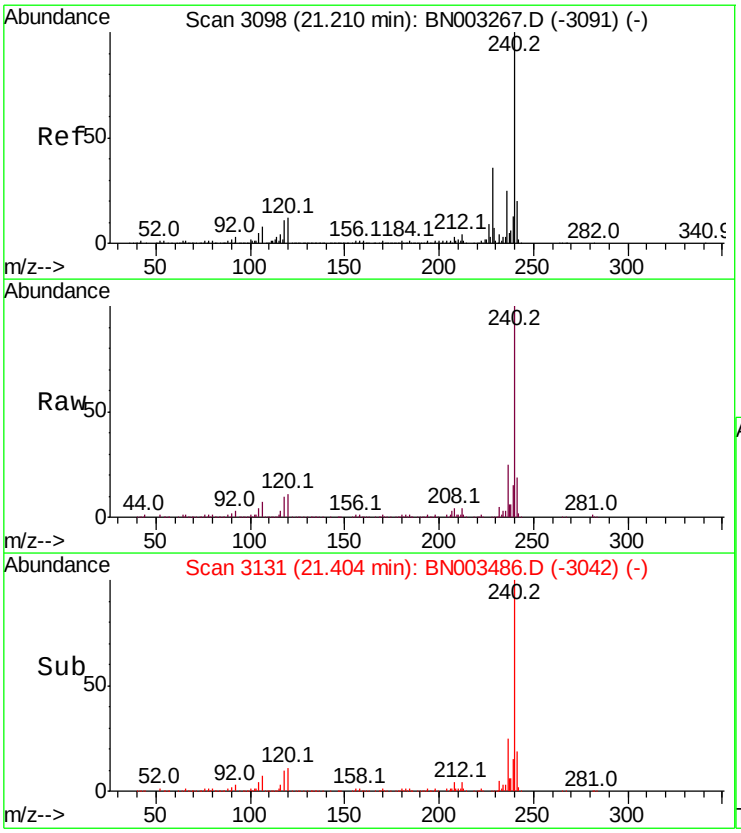
#67
4-Bromophenyl-phenylether
Concen: 6.498 ng
RT: 15.97 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion:248 Resp: 41235

Ion	Ratio	Lower	Upper
248	100		
250	196.4	76.4	114.6#
141	390.7	54.2	81.4#

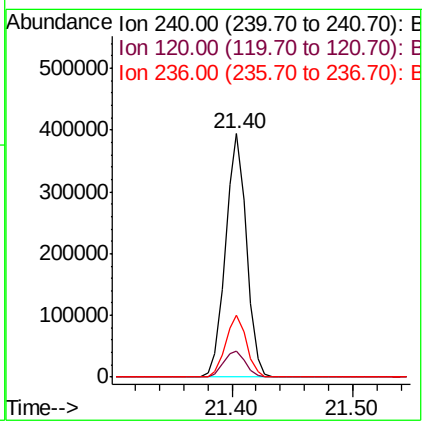


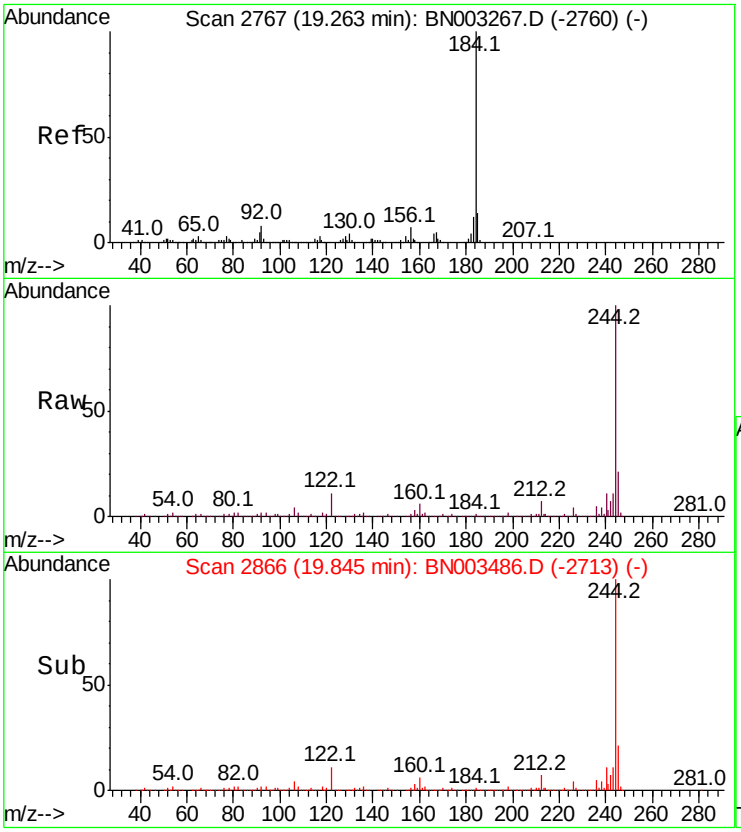


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:240 Resp: 472420

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.4	14.0
236	25.2	20.3	30.5



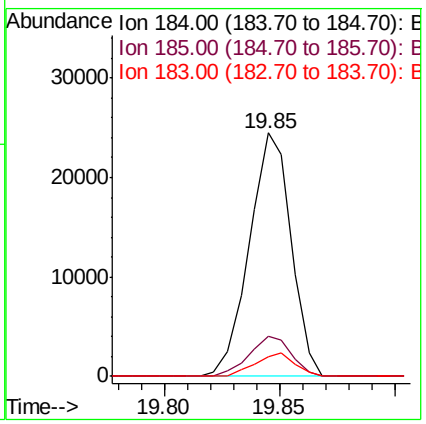


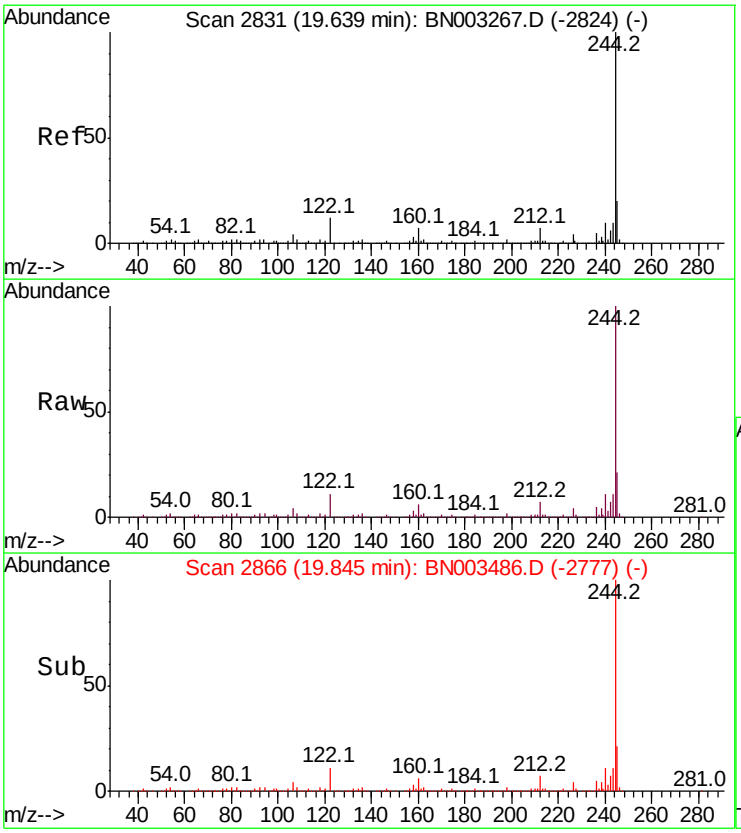
#77
Benzidine
Concen: 2.228 ng
RT: 19.85 min Scan# 2866
Delta R.T. 0.37 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion:184 Resp: 30818

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.5	17.3
183	8.3	9.4	14.0#

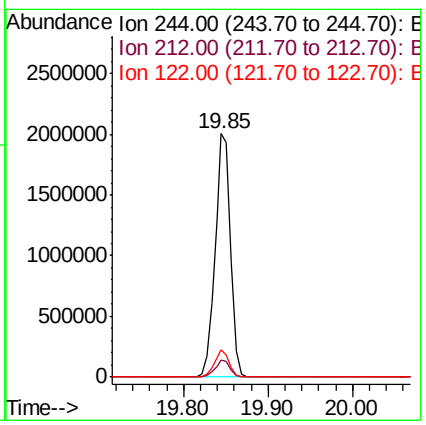


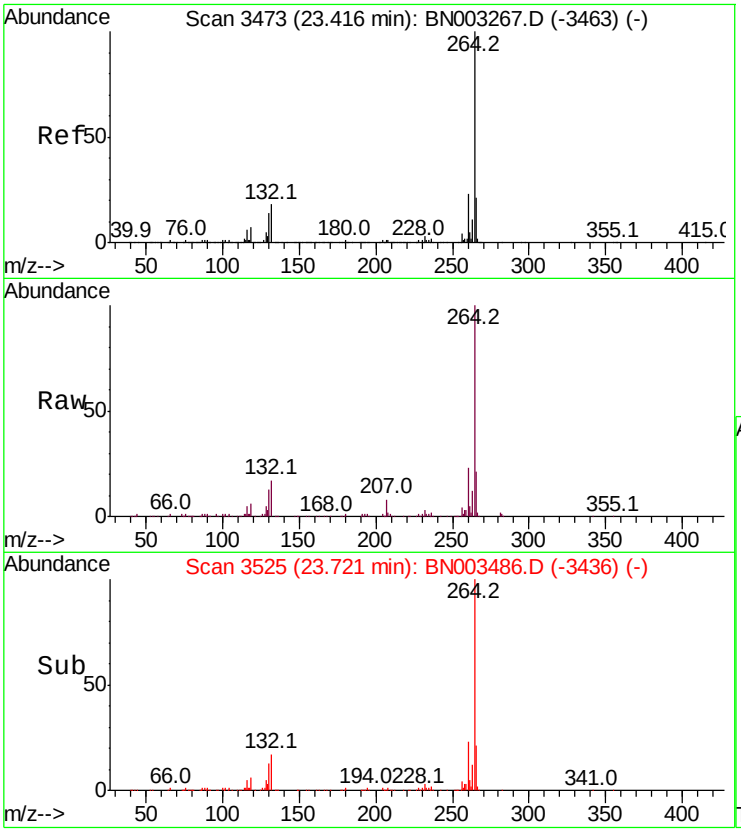


#79
Terphenyl-d14
Concen: 115.994 ng
RT: 19.85 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BN003486.D
Acq: 09 Nov 2018 23:27

Tgt Ion:244 Resp: 2562387

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	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: BN003486.D
Acq: 09 Nov 2018 23:27

Instrument :
BNA_N
ClientSampleId :
EP2-SB-110(14-16)

Tgt Ion:264 Resp: 450348

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.4	16.6	25.0