Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
Data File : BN003515.D
Acq On : 13 Nov 2018 17:11
Operator : MJ/SJ
Sample : J5925-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-1D

Quant Time: Nov 14 01:35:02 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	95462	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	372528	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	212058	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	438349	20.00	ng		0.00
76) Chrysene-d12	21.40	240	405706	20.00	ng		0.00
87) Perylene-d12	23.72	264	399214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	818408	154.62	ng		0.00
7) Phenol-d6	7.01	99	1086795	148.05	ng		0.00
23) Nitrobenzene-d5	9.02	82	632385	106.86	ng		0.00
42) 2,4,6-Tribromophenol	15.99	330	518680	164.07	ng		0.01
45) 2-Fluorobiphenyl	13.11	172	1517667	95.53	ng		0.00
79) Terphenyl-d14	19.84	244	2143887	104.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.03	94	44408	5.607	ng		97
37) 2-Methylnaphthalene	12.32	142	1506381	116.315	ng		99
38) 1-Methylnaphthalene	12.53	142	1213634	96.749	ng		100
50) Dimethylphthalate	13.94	163	239394	14.410	ng	#	96
52) Acenaphthene	14.56	154	107942	8.538	ng	#	83
58) Fluorene	15.54	166	297196	19.311	ng	#	93
71) Phenanthrene	17.28	178	747035	32.622	ng		96
78) Pyrene	19.65	202	97527	3.561	ng	#	77

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

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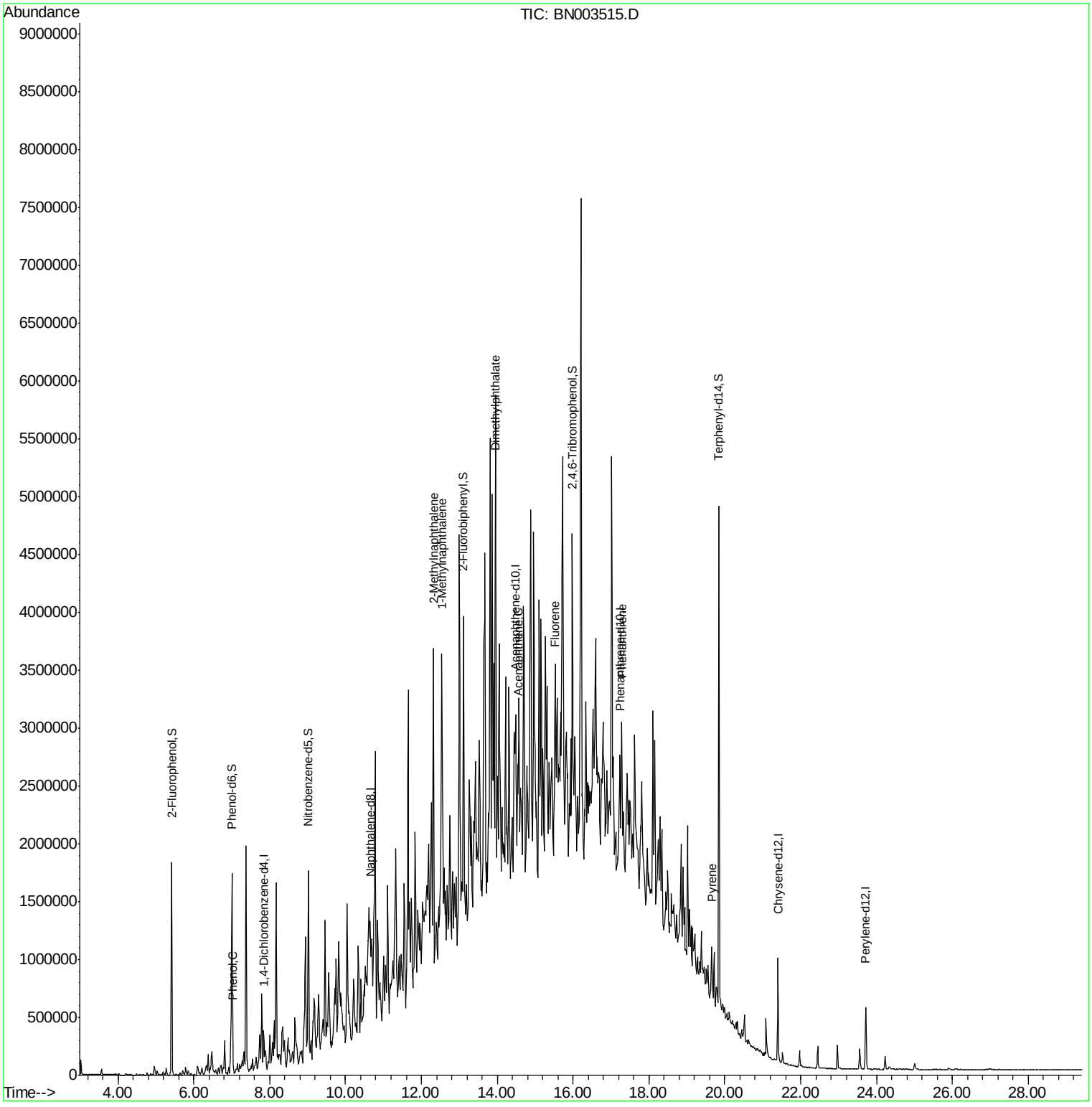
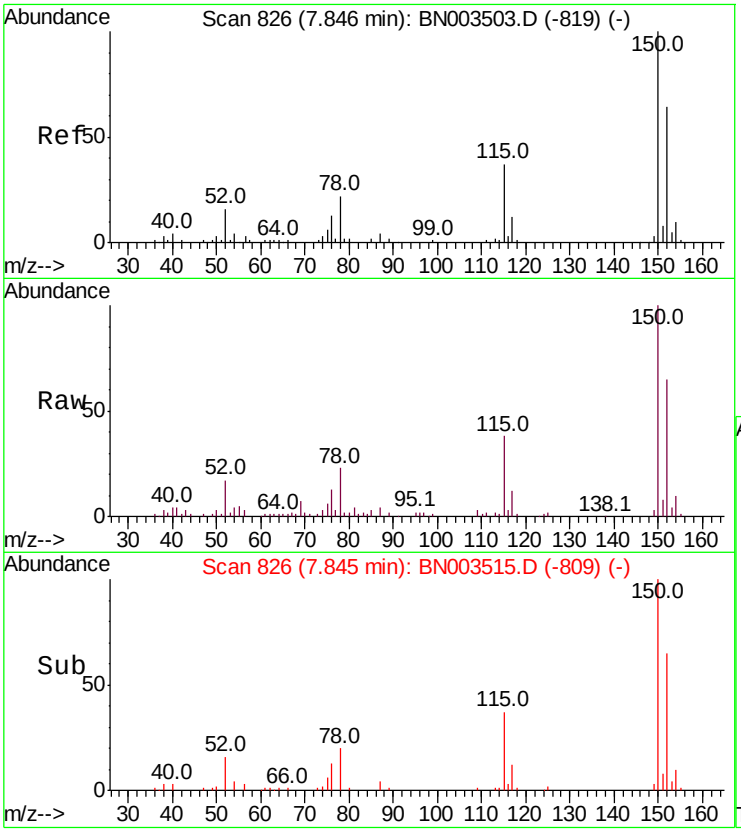


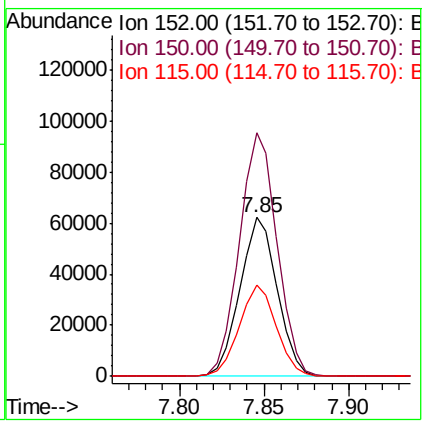


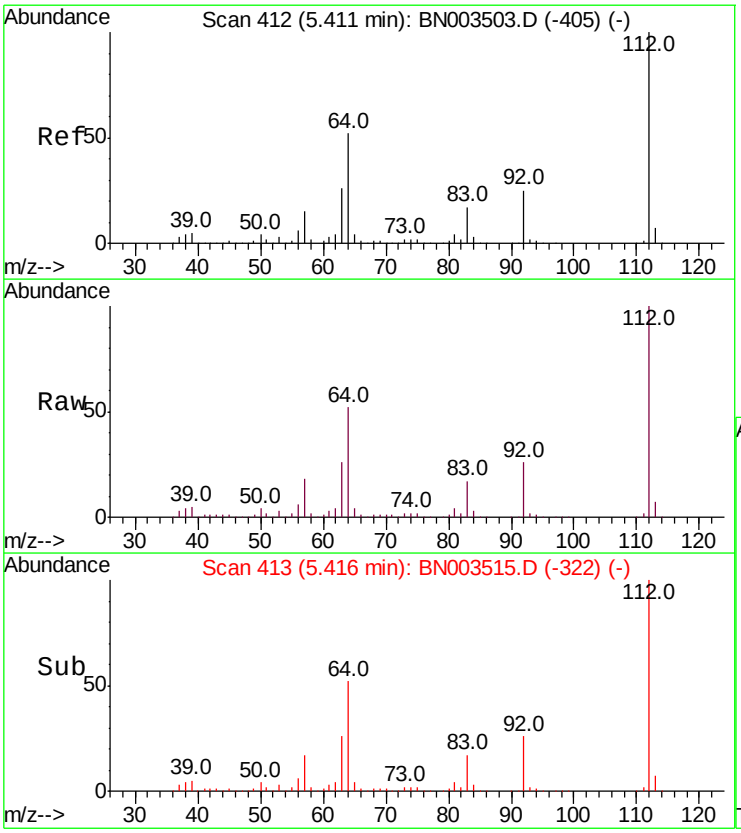
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.00 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:152 Resp: 95462

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.4	188.0
115	58.0	45.9	68.9

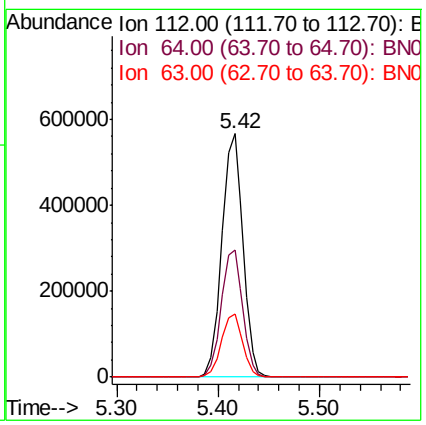


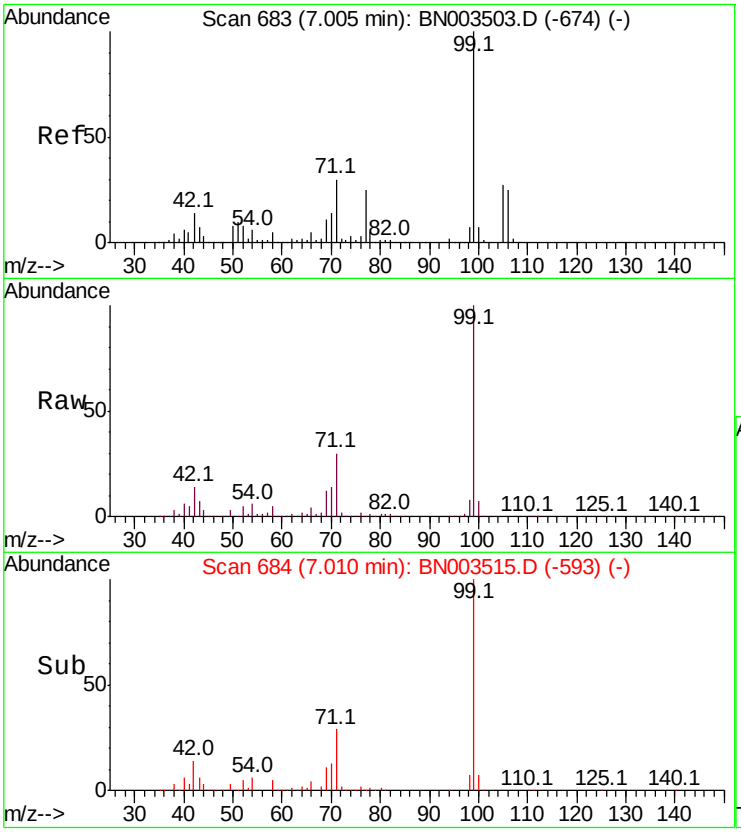


#5
2-Fluorophenol
Concen: 154.623 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:112 Resp: 818408

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.4	62.2
63	25.9	20.5	30.7



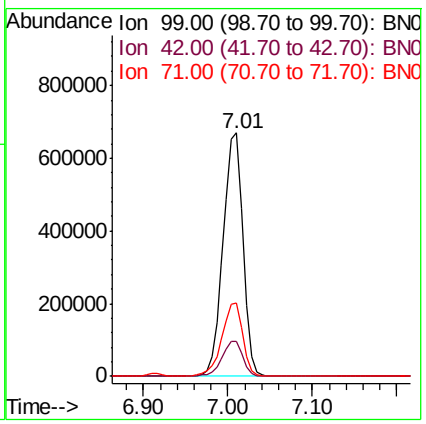


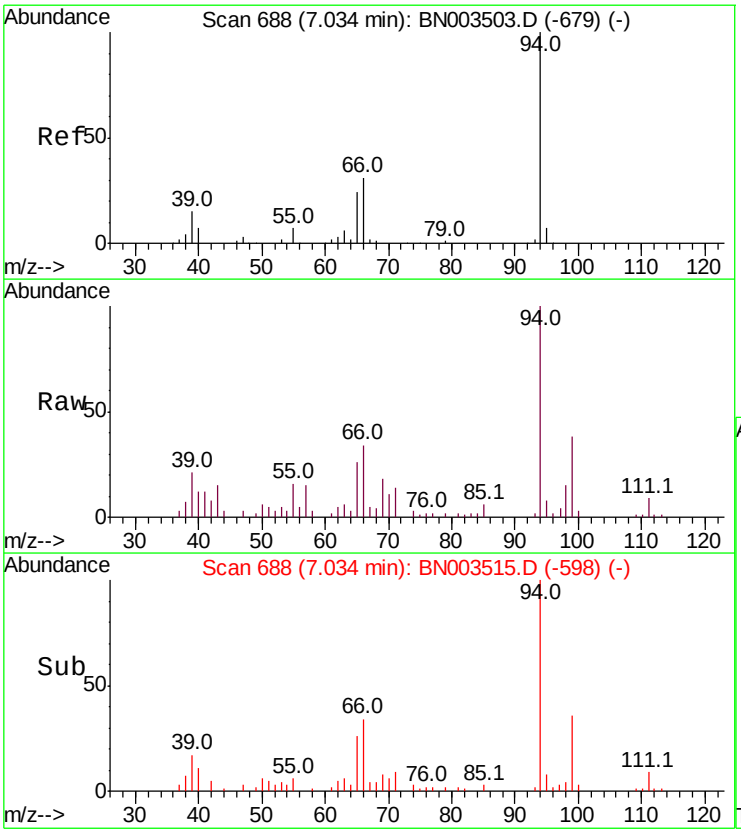
#7
Phenol-d6
Concen: 148.053 ng
RT: 7.01 min Scan# 684
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion: 99 Resp: 1086795

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.6	17.4
71	30.1	24.2	36.2

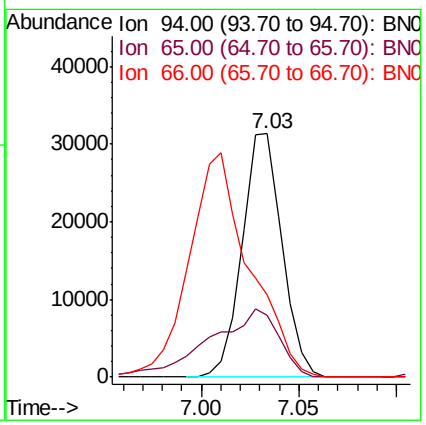


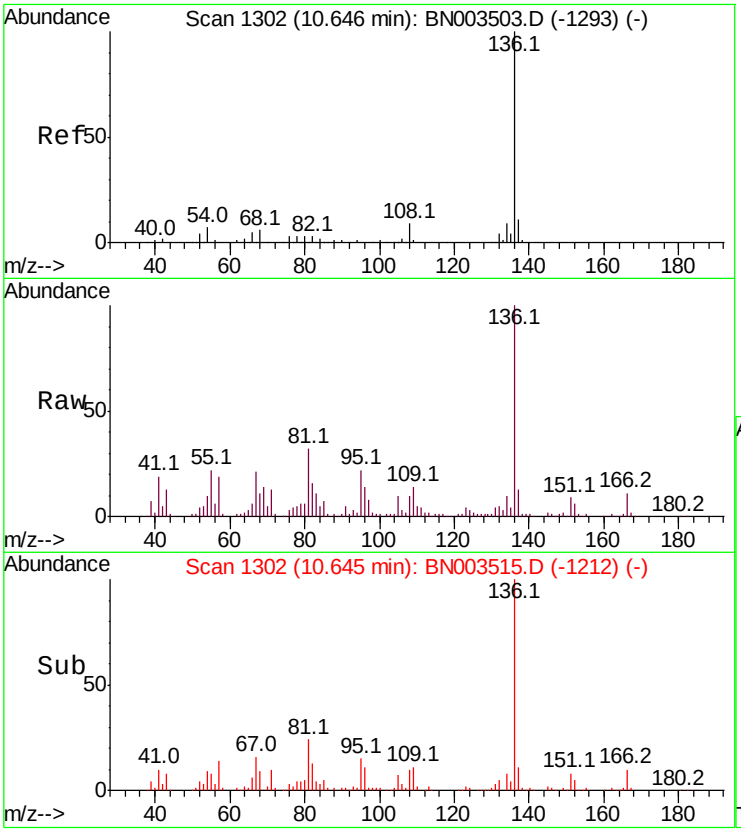


#10
Phenol
Concen: 5.607 ng
RT: 7.03 min Scan# 688
Delta R.T. -0.00 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion: 94 Resp: 44408

Ion	Ratio	Lower	Upper
94	100		
65	25.6	4.5	44.5
66	33.7	12.0	52.0



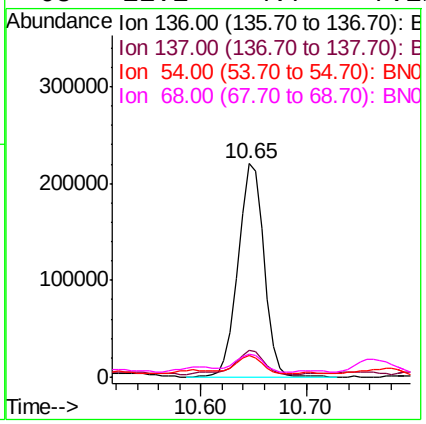


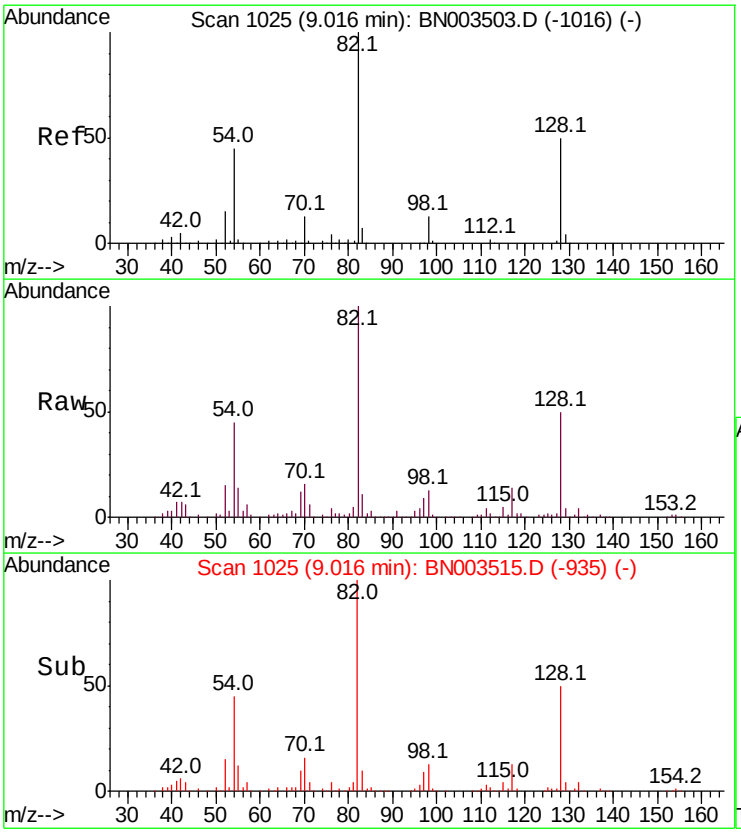
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:136 Resp: 372528

Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.7	13.1
54	10.4	5.7	8.5#
68	11.1	4.7	7.1#

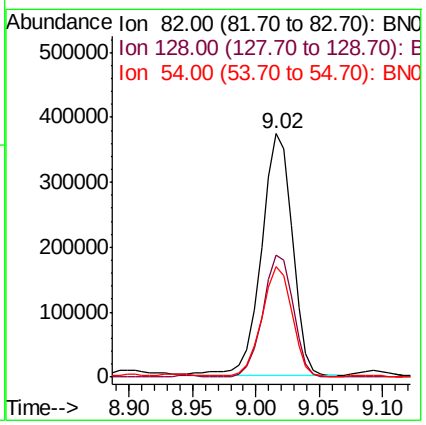


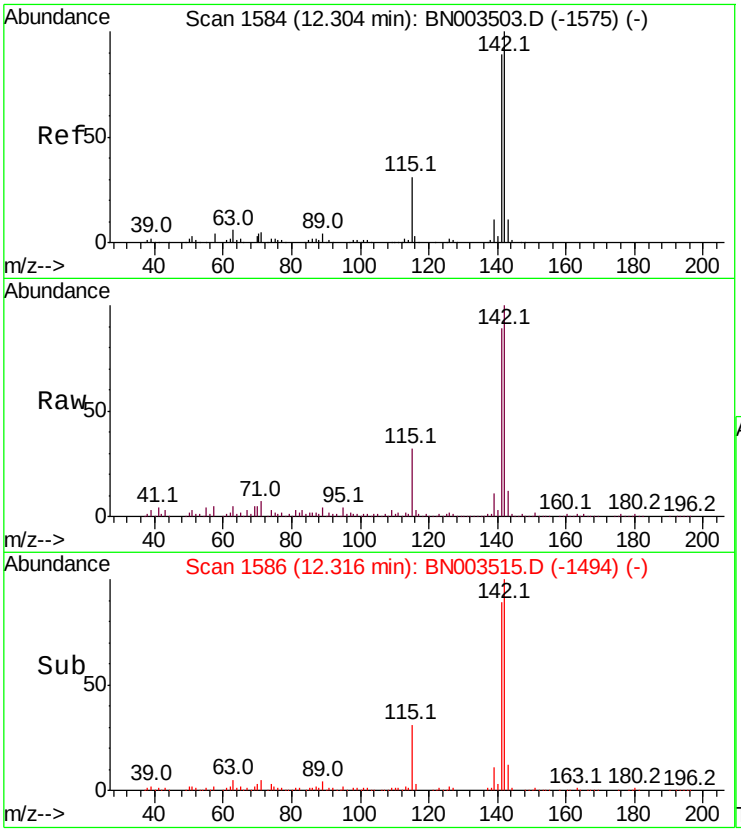


#23
Nitrobenzene-d5
Concen: 106.855 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion: 82 Resp: 632385

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.0	60.0
54	45.3	36.1	54.1



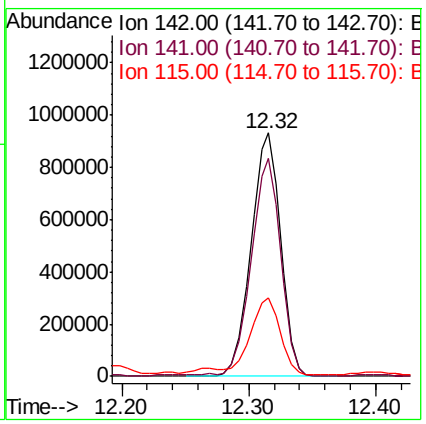


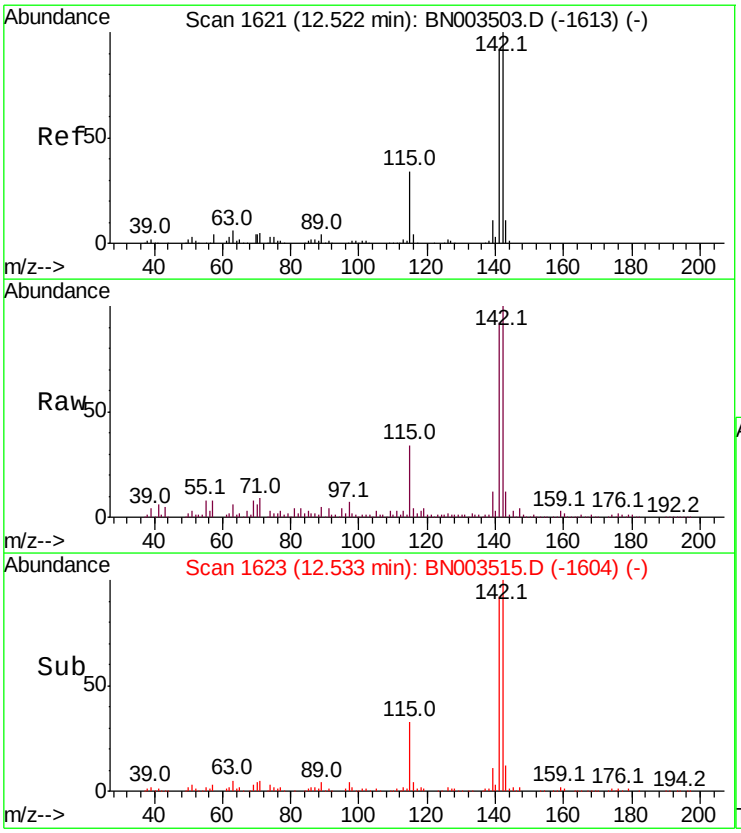
#37
2-Methylnaphthalene
Concen: 116.315 ng
RT: 12.32 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:142 Resp: 1506381

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	32.2	25.1	37.7

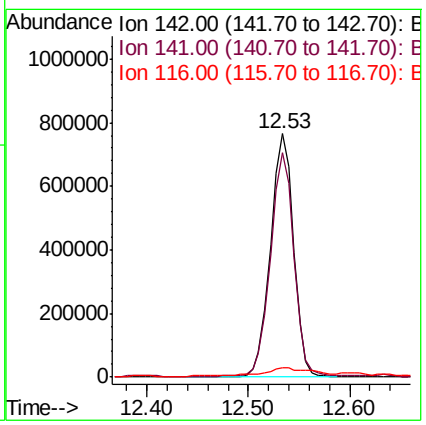


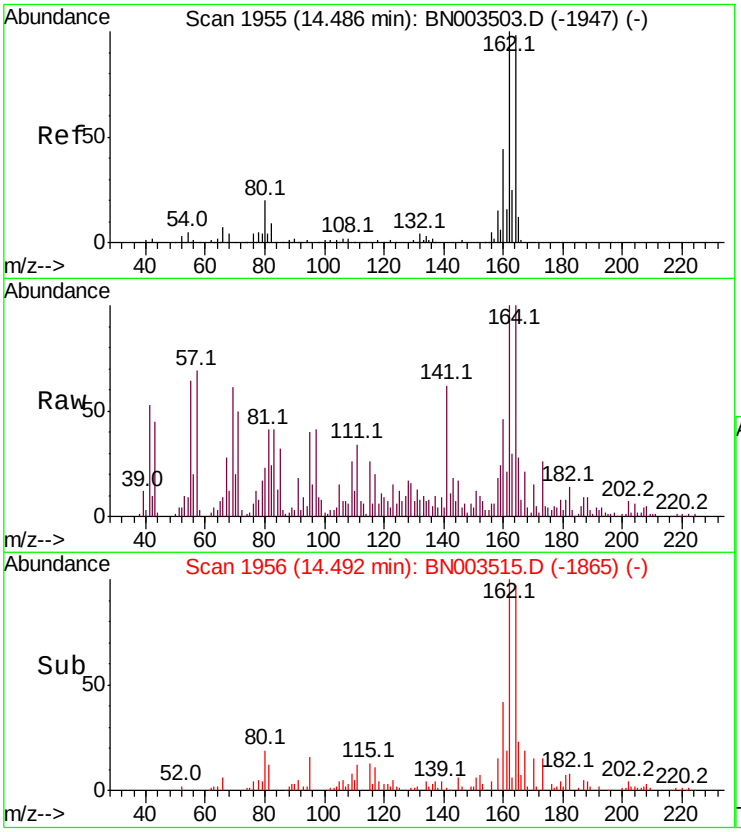


#38
1-Methylnaphthalene
Concen: 96.749 ng
RT: 12.53 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:142 Resp: 1213634

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	4.0	2.8	4.2



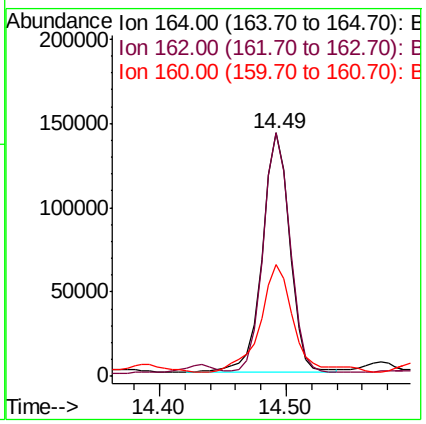


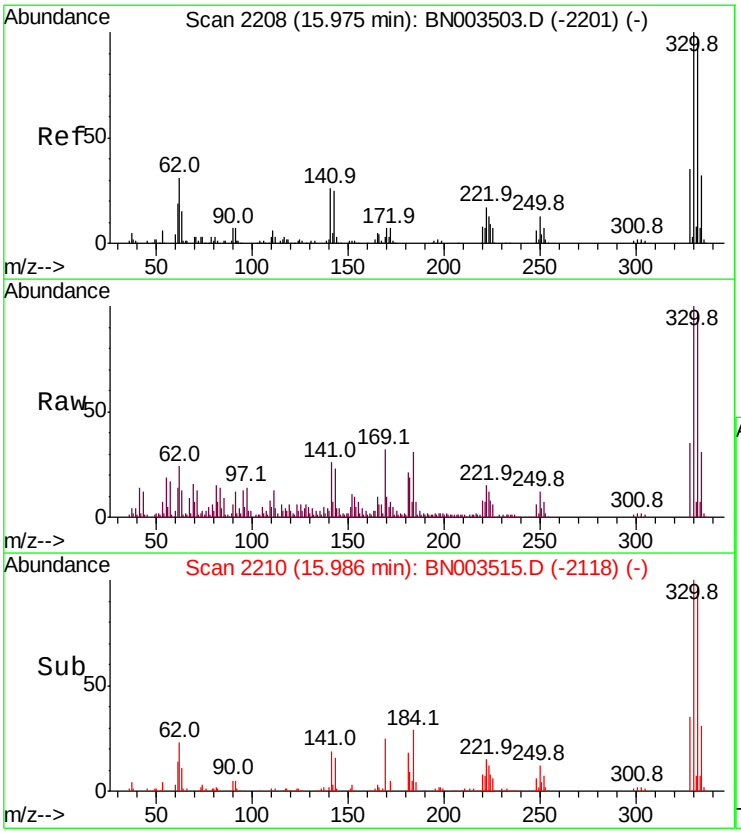
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:164 Resp: 212058

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.6
160	45.9	36.2	54.2

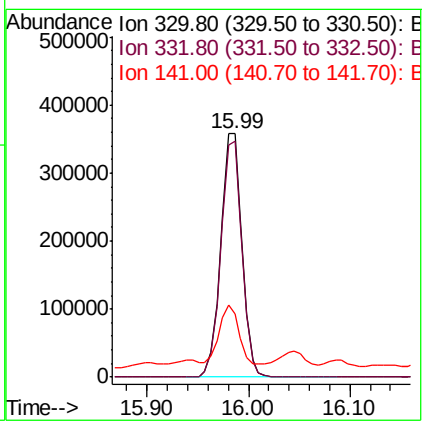


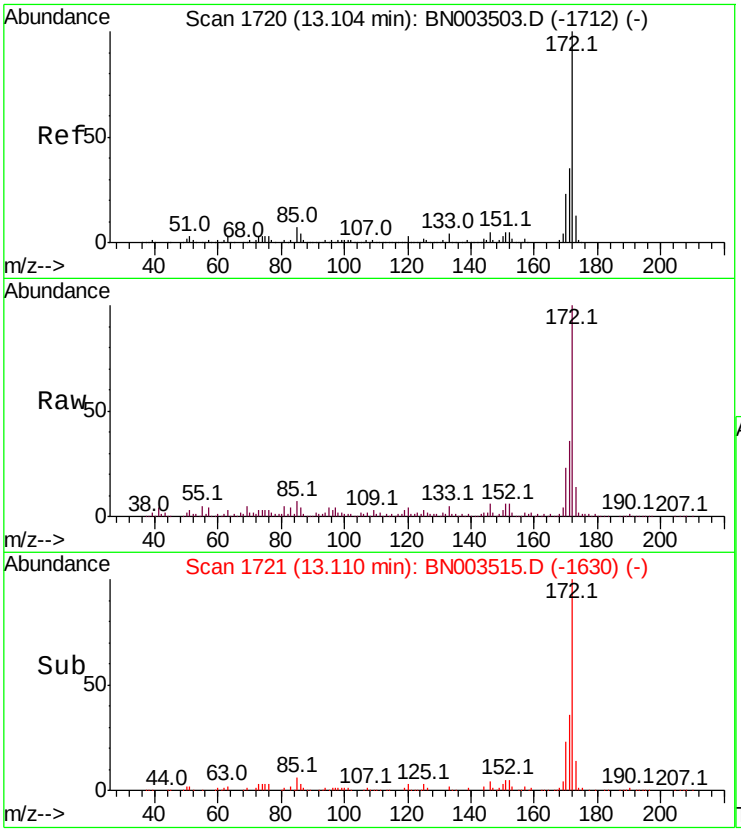


#42
2,4,6-Tribromophenol
Concen: 164.074 ng
RT: 15.99 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:330 Resp: 518680

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	22.2	21.6	32.4



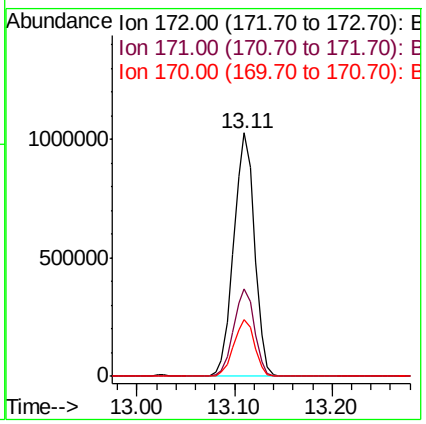


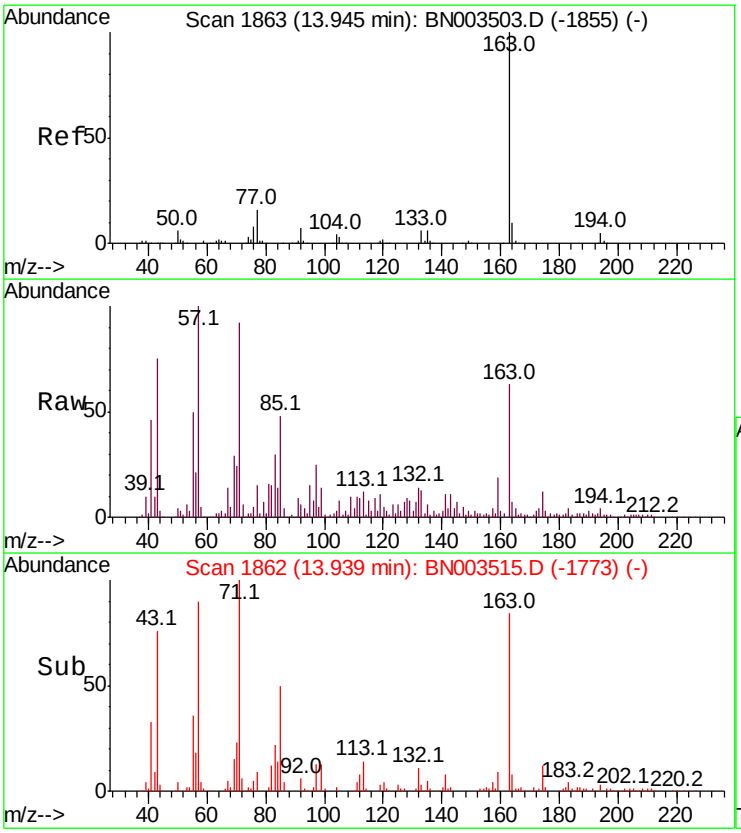
#45
2-Fluorobiphenyl
Concen: 95.526 ng
RT: 13.11 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:172 Resp: 1517667

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	23.3	18.7	28.1

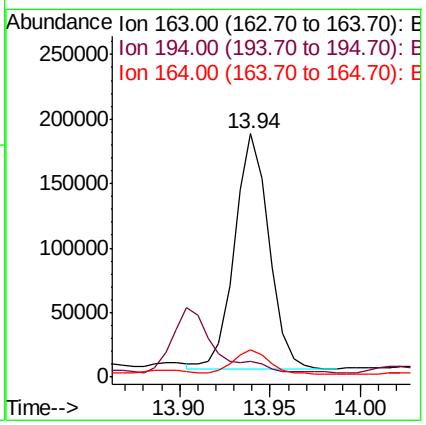


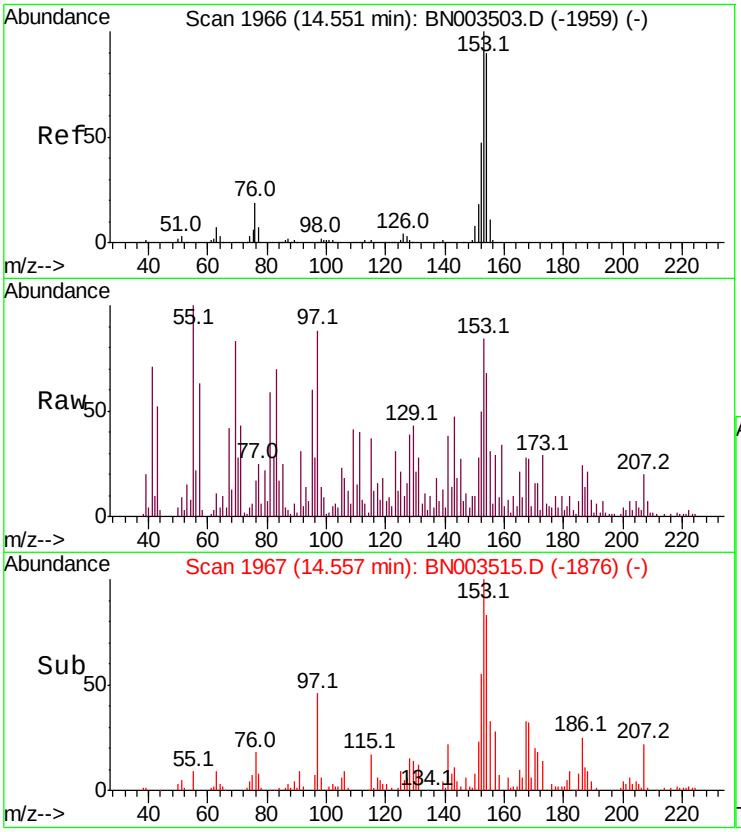


#50
Dimethylphthalate
Concen: 14.410 ng
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:163 Resp: 239394

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.6	5.4#
164	11.1	7.9	11.9



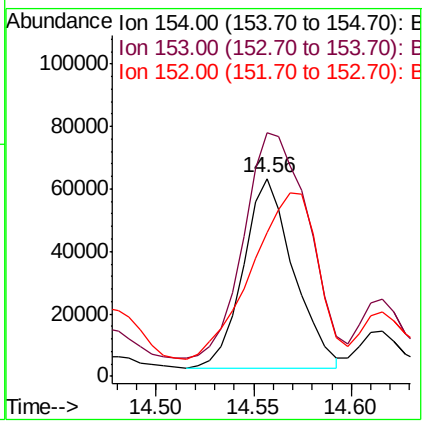


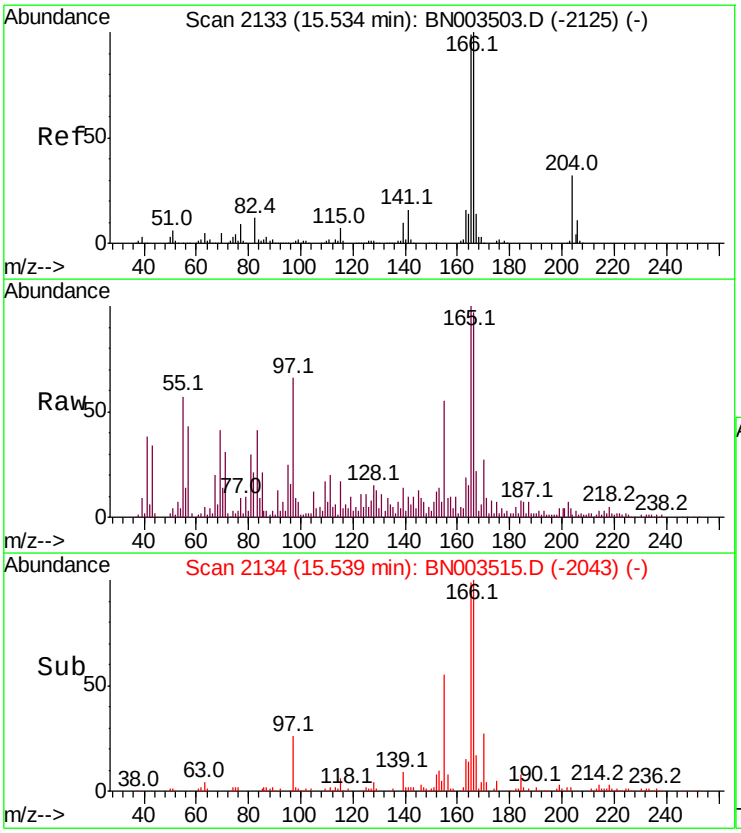
#52
Acenaphthene
Concen: 8.538 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:154 Resp: 107942

Ion	Ratio	Lower	Upper
154	100		
153	123.0	88.9	133.3
152	72.9	42.1	63.1#

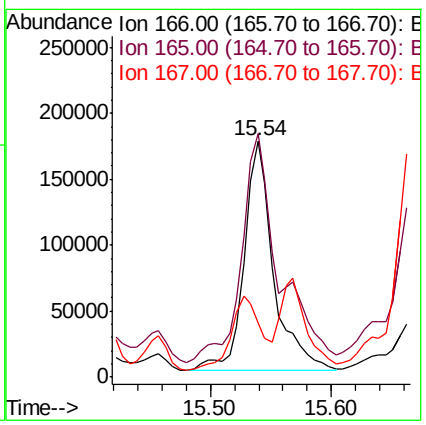


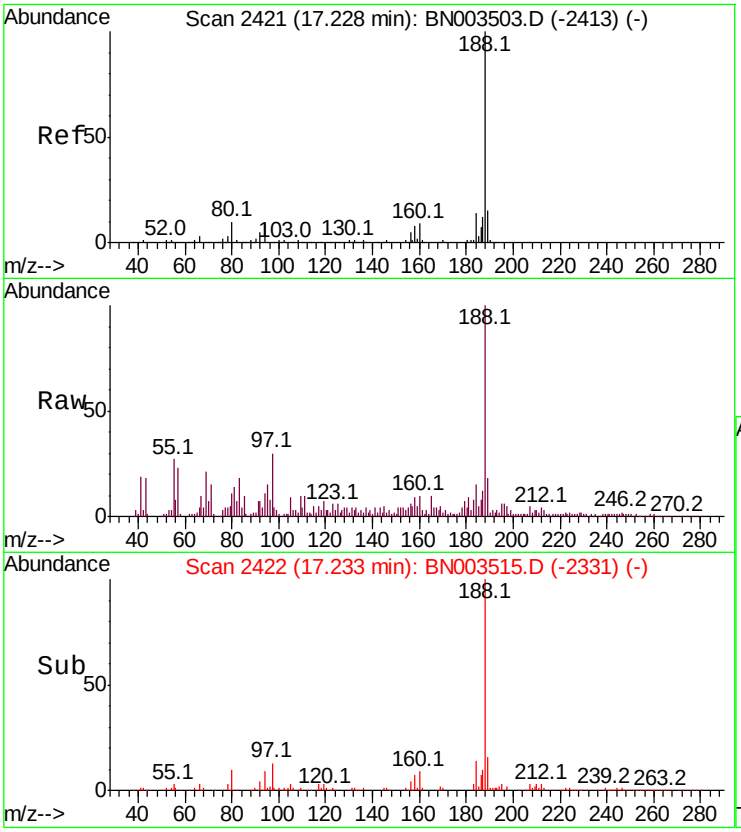


#58
Fluorene
Concen: 19.311 ng
RT: 15.54 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:166 Resp: 297196

Ion	Ratio	Lower	Upper
166	100		
165	103.1	78.8	118.2
167	23.1	11.0	16.4#



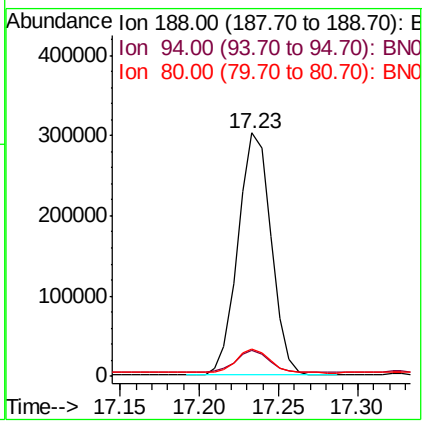


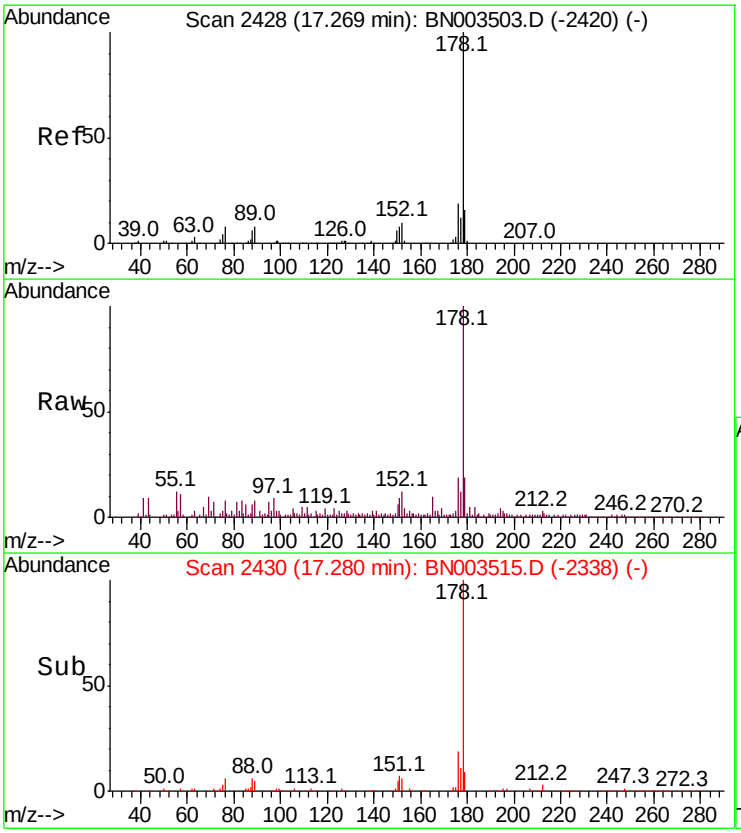
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:188 Resp: 438349

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.6	11.4
80	11.3	8.2	12.2

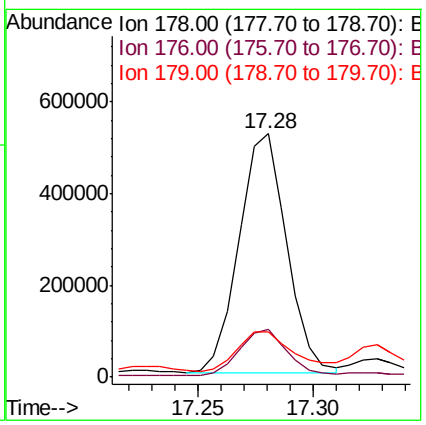


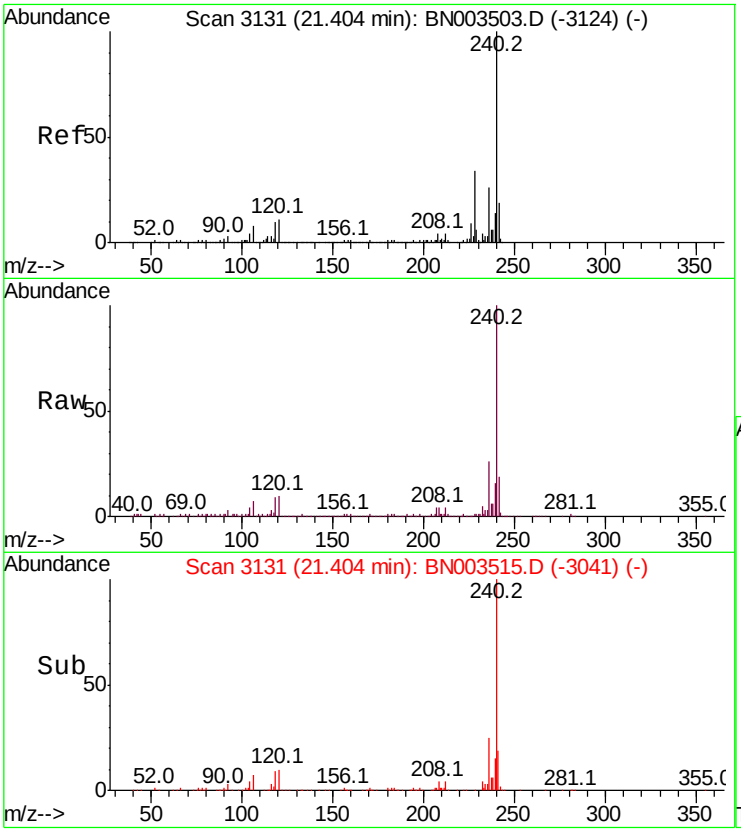


#71
Phenanthrene
Concen: 32.622 ng
RT: 17.28 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:178 Resp: 747035

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	18.6	12.5	18.7



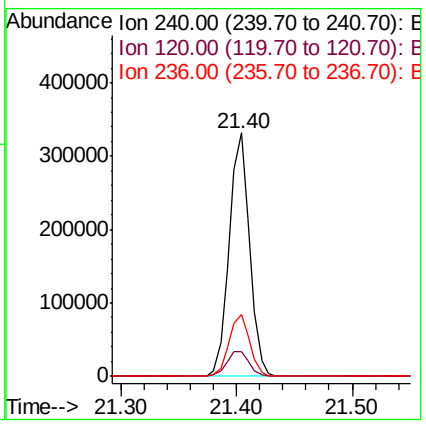


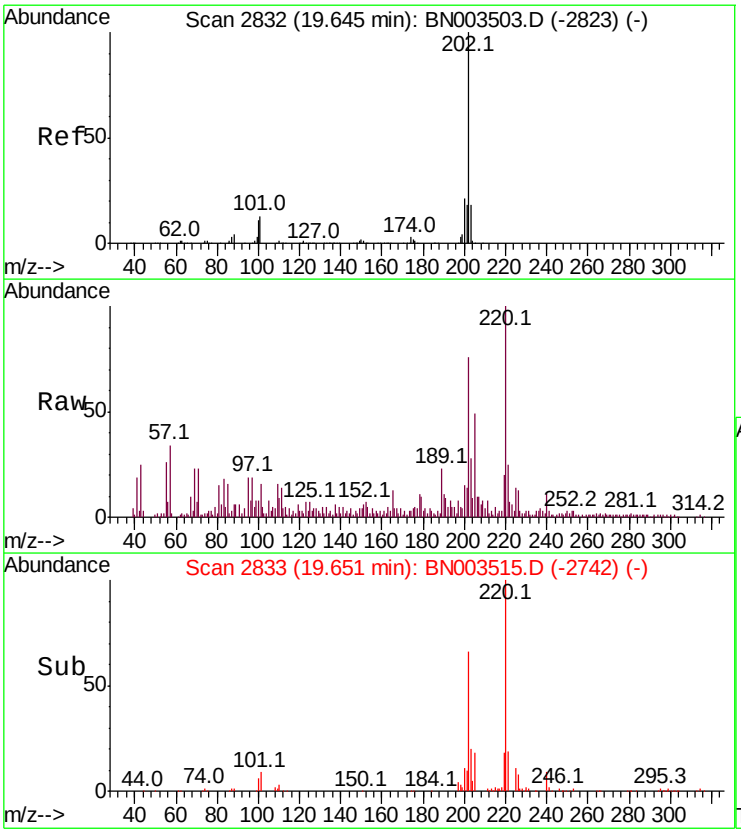
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:240 Resp: 405706

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.1	13.7
236	25.6	20.6	30.8

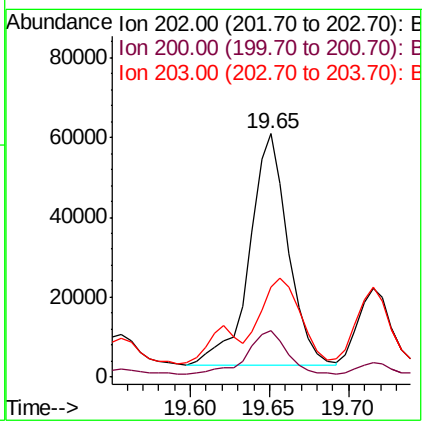


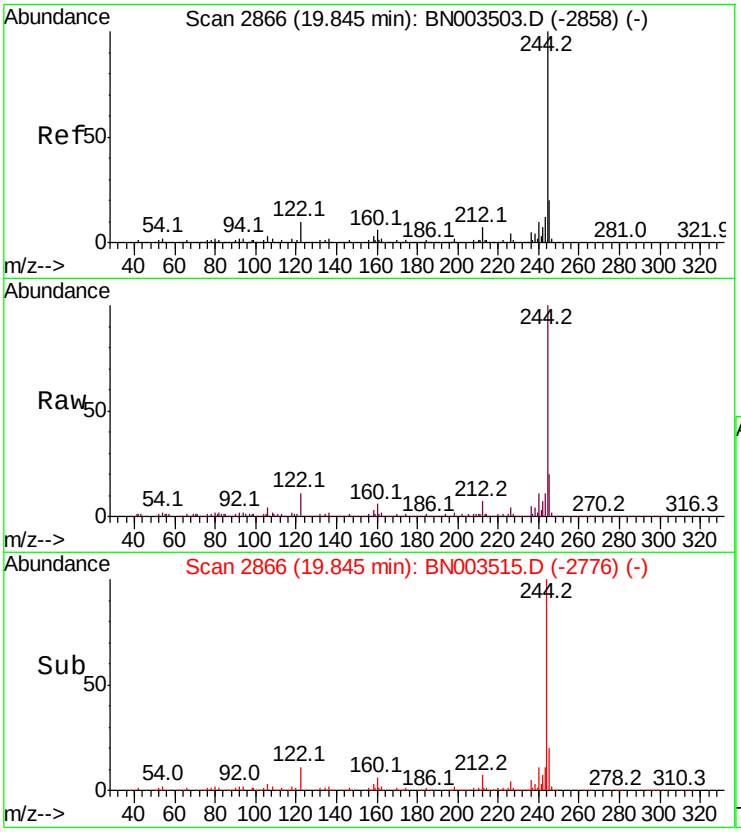


#78
Pyrene
Concen: 3.561 ng
RT: 19.65 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:202 Resp: 97527

Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.8	25.2
203	37.1	14.2	21.2#



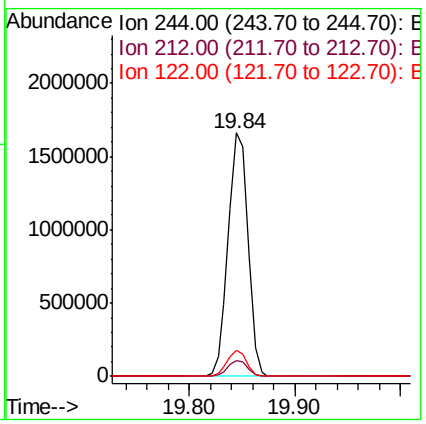


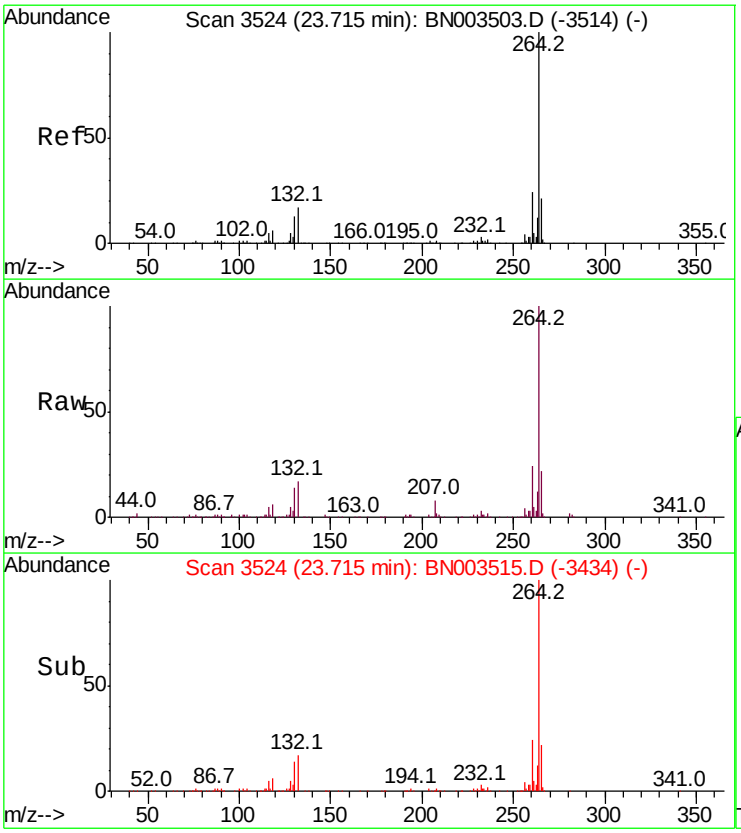
#79
Terphenyl-d14
Concen: 104.034 ng
RT: 19.84 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BN003515.D
Acq: 13 Nov 2018 17:11

Instrument :
BNA_N
ClientSampleId :
TP-1D

Tgt Ion:244 Resp: 2143887

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.6	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: BN003515.D
Acq: 13 Nov 2018 17:11

Tgt Ion:264 Resp: 399214

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