Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000718.D
Acq On : 09 Apr 2018 20:17
Operator : JU/SJ
Sample : J2268-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MH-92A

Quant Time: Apr 10 05:03:34 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	126877	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	526126	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	261195	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	515774	20.00	ng	0.00
75) Chrysene-d12	21.22	240	475285	20.00	ng	0.00
86) Perylene-d12	23.41	264	506778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	417811	48.62	ng	0.00
7) Phenol-d6	6.81	99	326095	27.88	ng	0.00
23) Nitrobenzene-d5	8.78	82	1119066	112.56	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	323789	126.08	ng	0.00
44) 2-Fluorobiphenyl	12.89	172	2072288	109.35	ng	0.00
78) Terphenyl-d14	19.66	244	1873453	86.10	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.84	94	25284	2.033	ng	89
49) Dimethylphthalate	13.73	163	68749	3.306	ng	99

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

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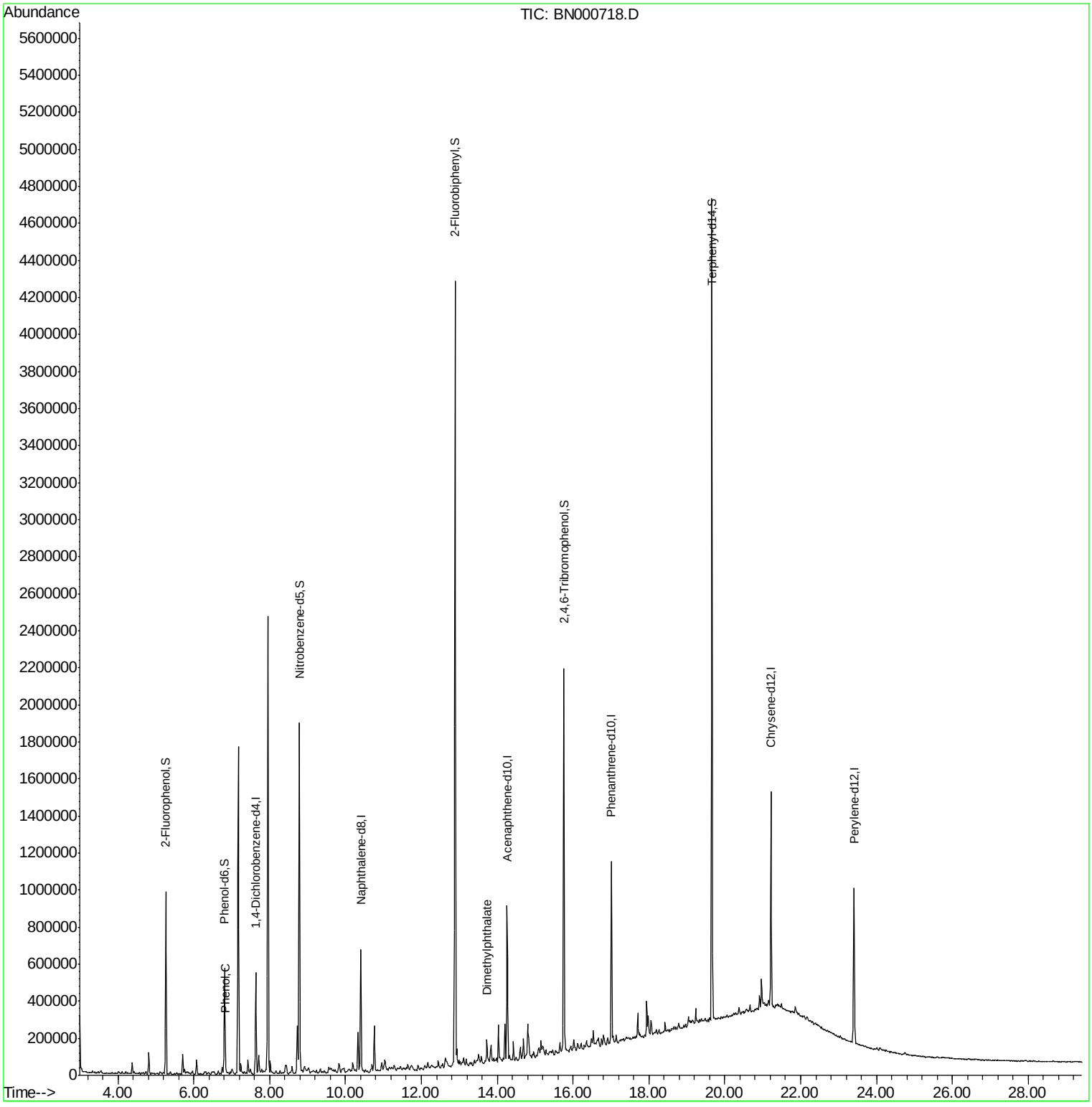
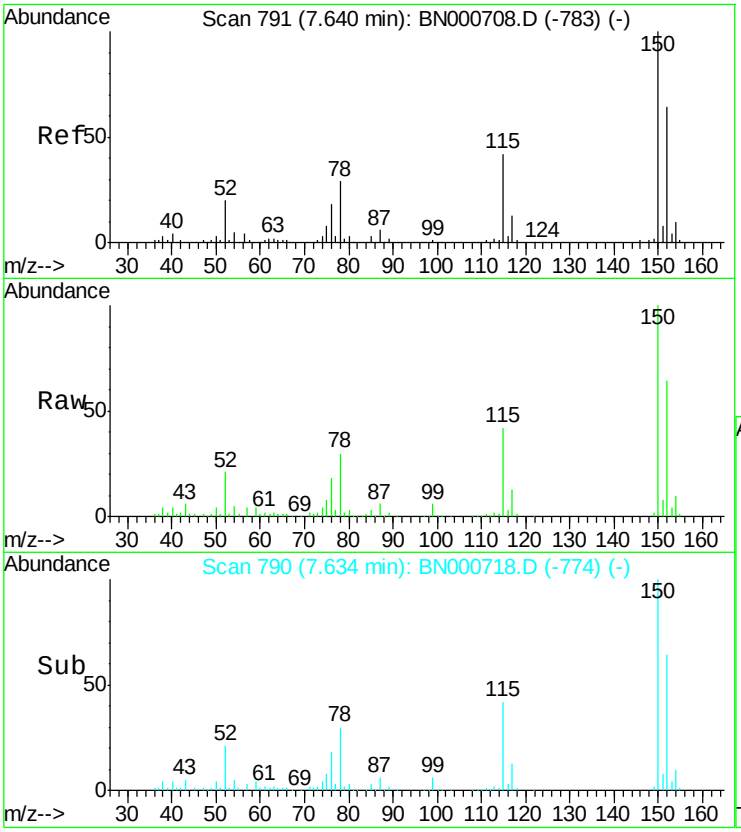


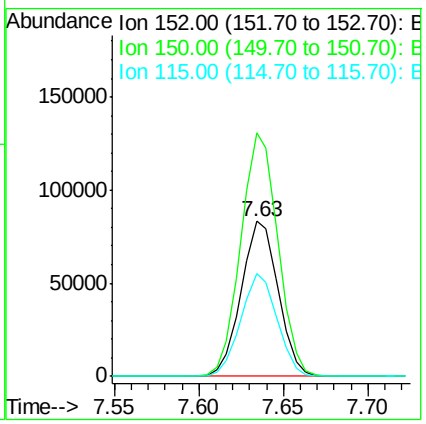


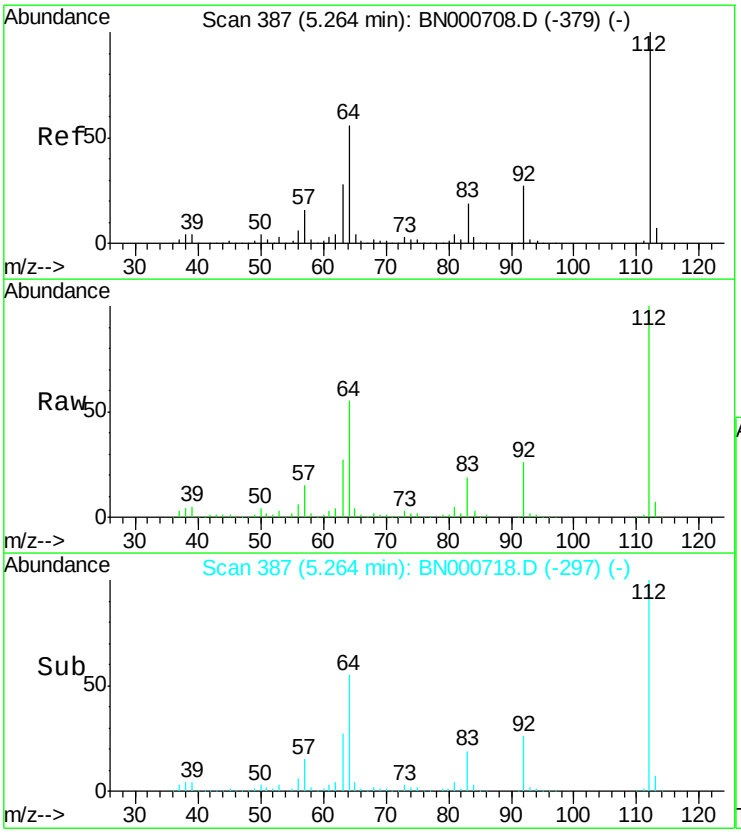
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tgt Ion:152 Resp: 126877

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	66.6	53.0	79.4

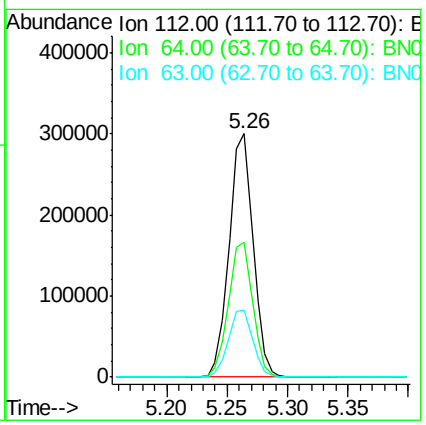


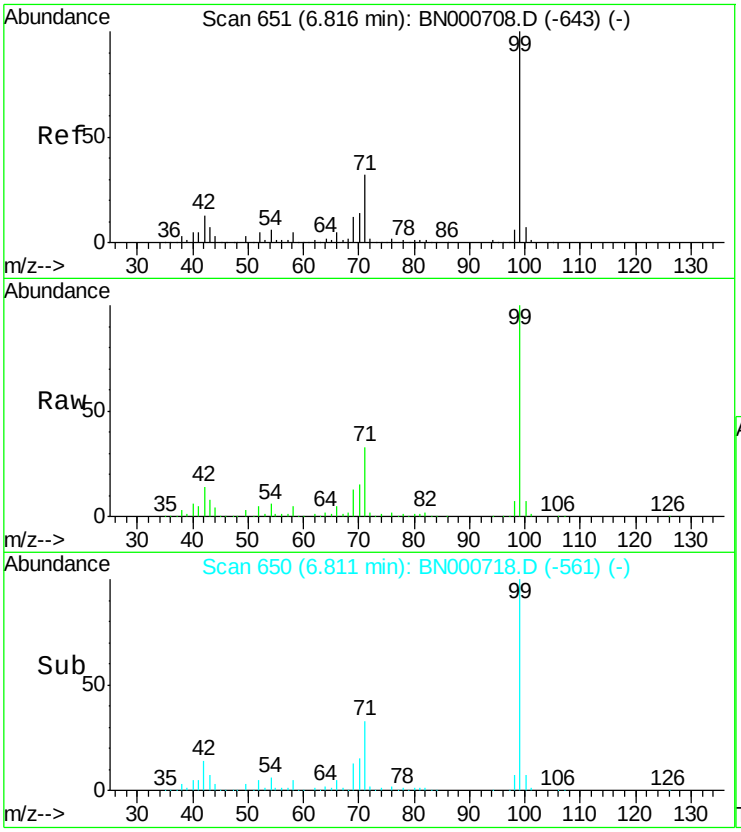


#5
2-Fluorophenol
Concen: 48.623 ng
RT: 5.26 min Scan# 387
Delta R.T. 0.00 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:112 Resp: 417811

Ion	Ratio	Lower	Upper
112	100		
64	55.2	56.3	84.5#
63	27.4	30.1	45.1#



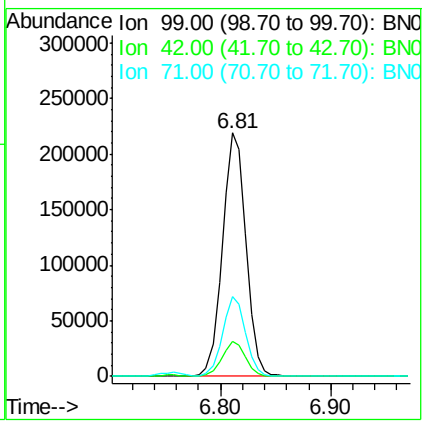


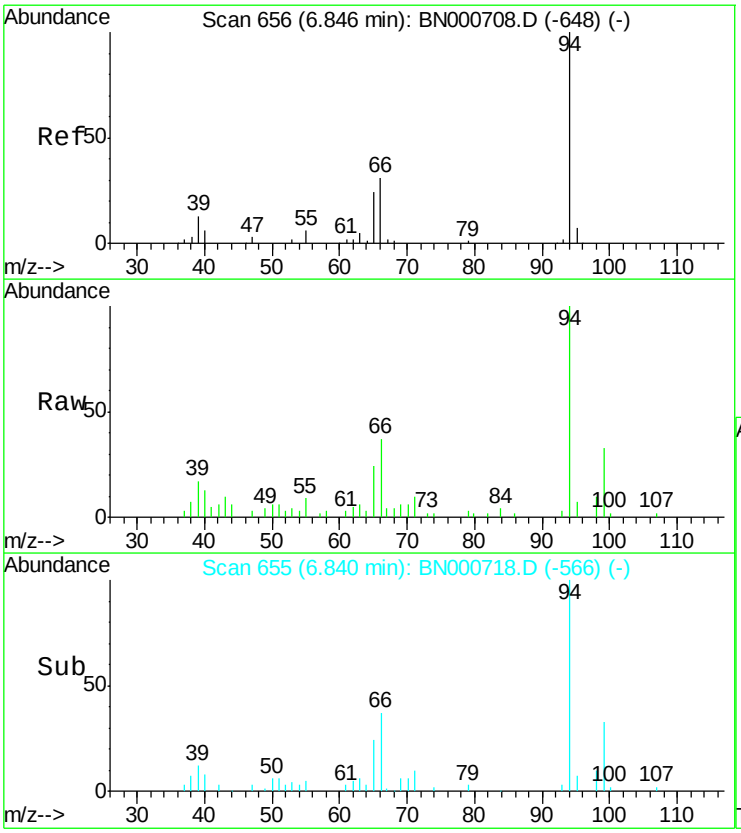
#7
Phenol-d6
Concen: 27.877 ng
RT: 6.81 min Scan# 650
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tgt Ion: 99 Resp: 326095

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.1	21.1
71	32.8	26.1	39.1

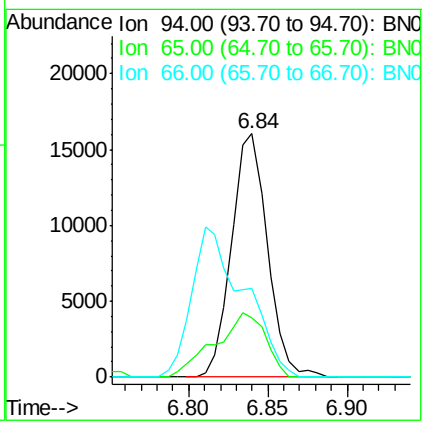


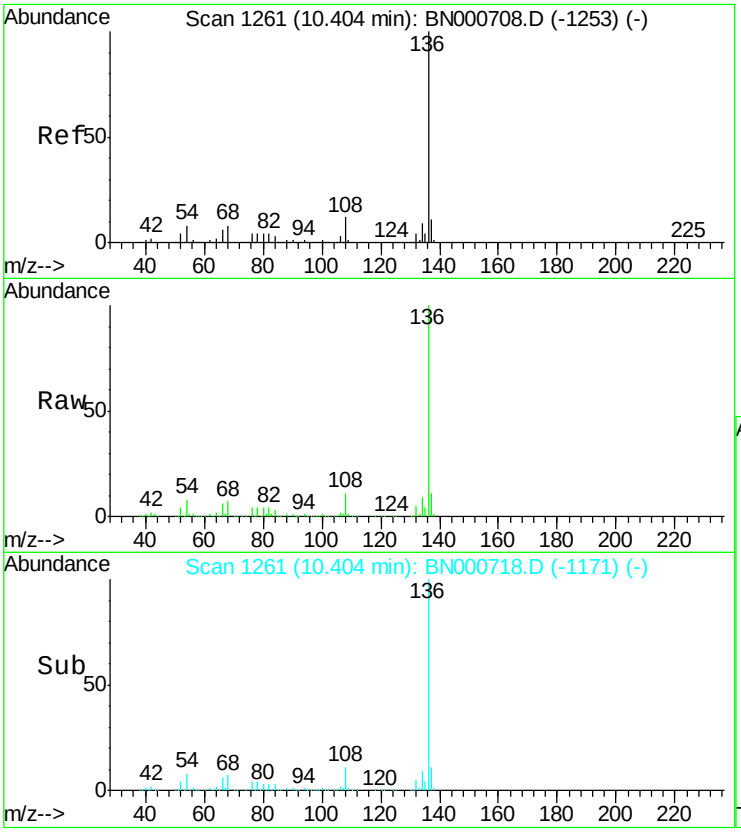


#10
Phenol
Concen: 2.033 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion: 94 Resp: 25284

Ion	Ratio	Lower	Upper
94	100		
65	24.5	11.9	51.9
66	36.5	22.2	62.2



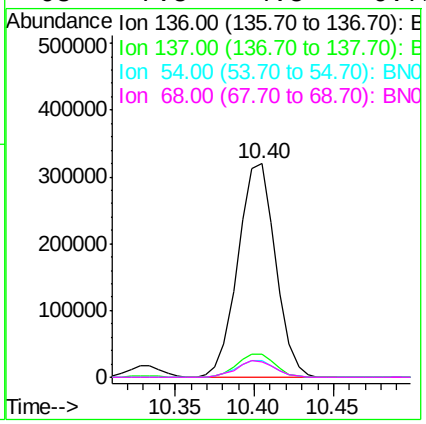


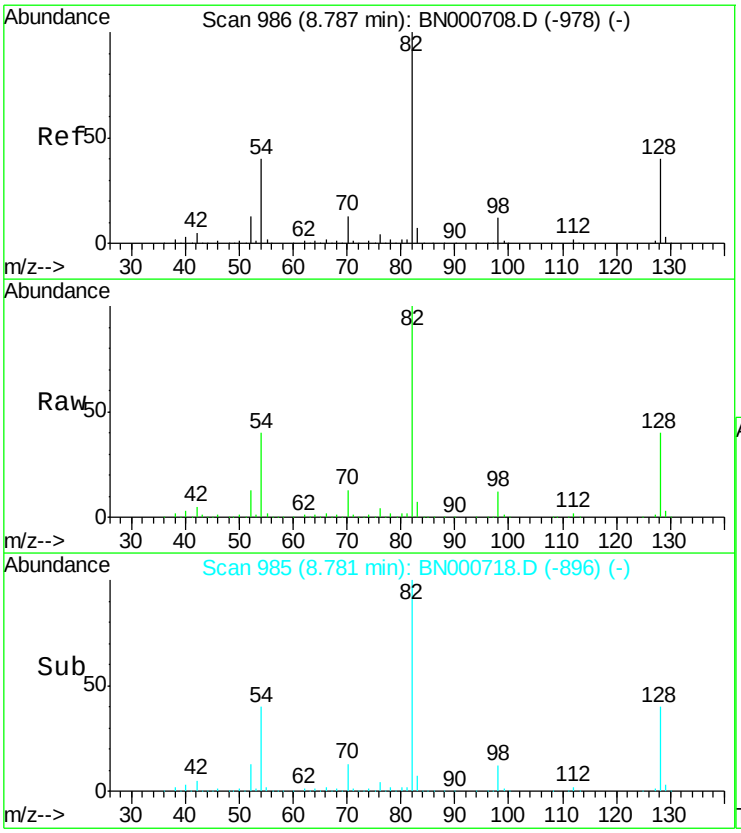
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tgt Ion:136 Resp: 526126

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	10.3	15.5#
68	7.5	4.5	6.7#

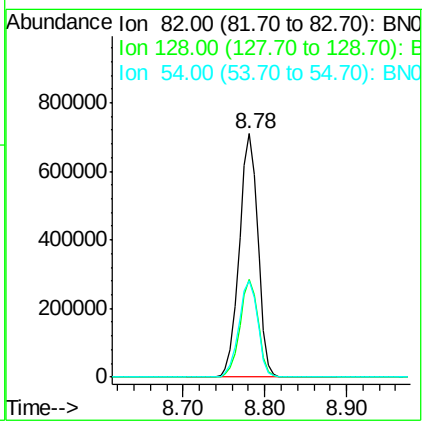


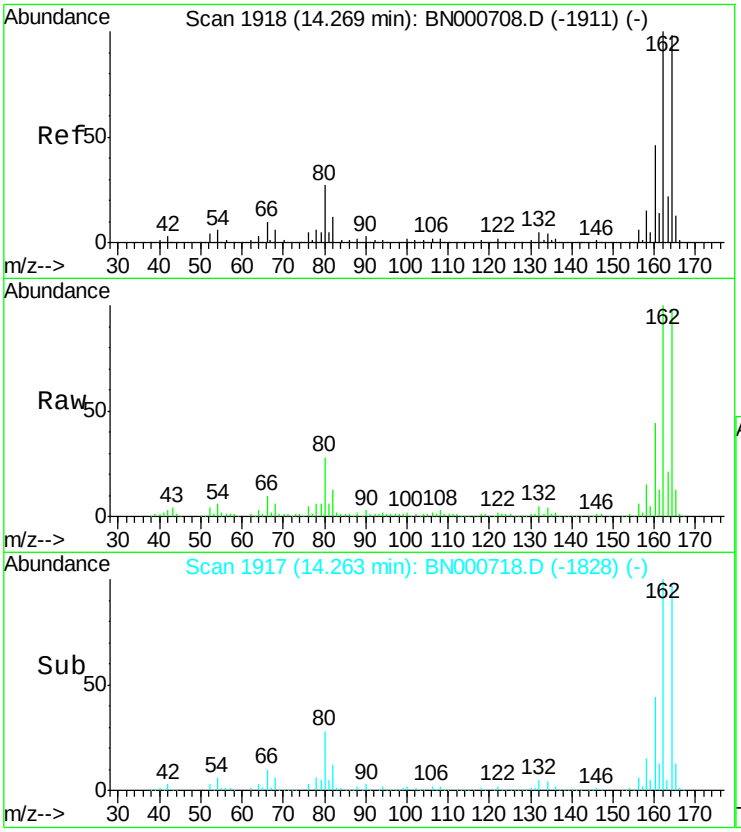


#23
Nitrobenzene-d5
Concen: 112.556 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion: 82 Resp: 1119066

Ion	Ratio	Lower	Upper
82	100		
128	40.1	29.7	44.5
54	39.7	43.1	64.7#



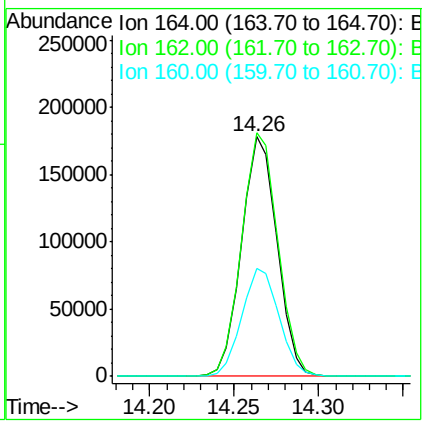


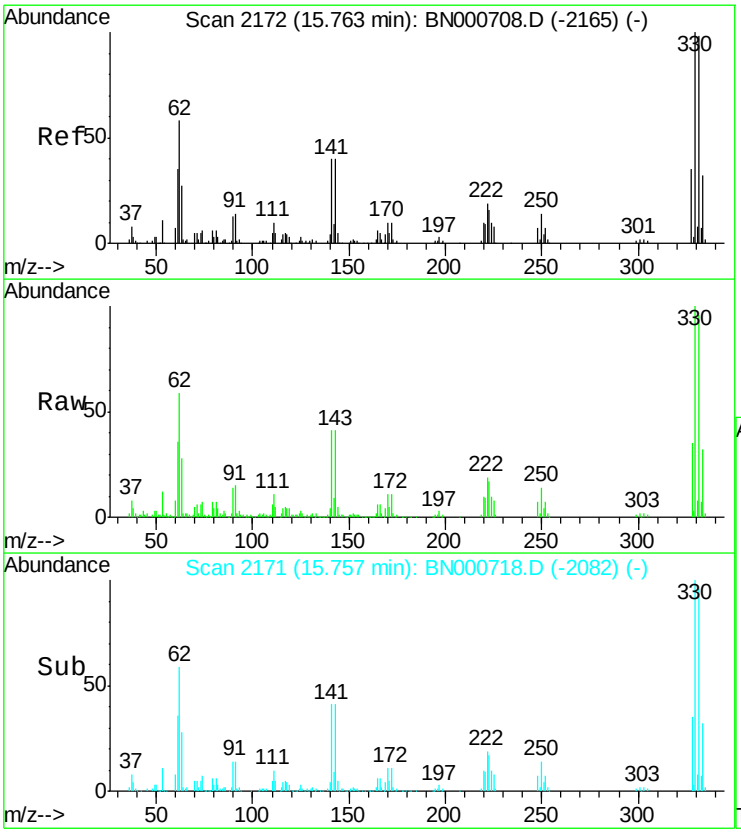
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tgt Ion:164 Resp: 261195

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	45.0	35.4	53.0

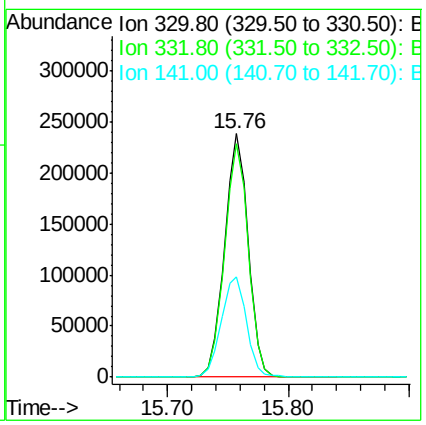


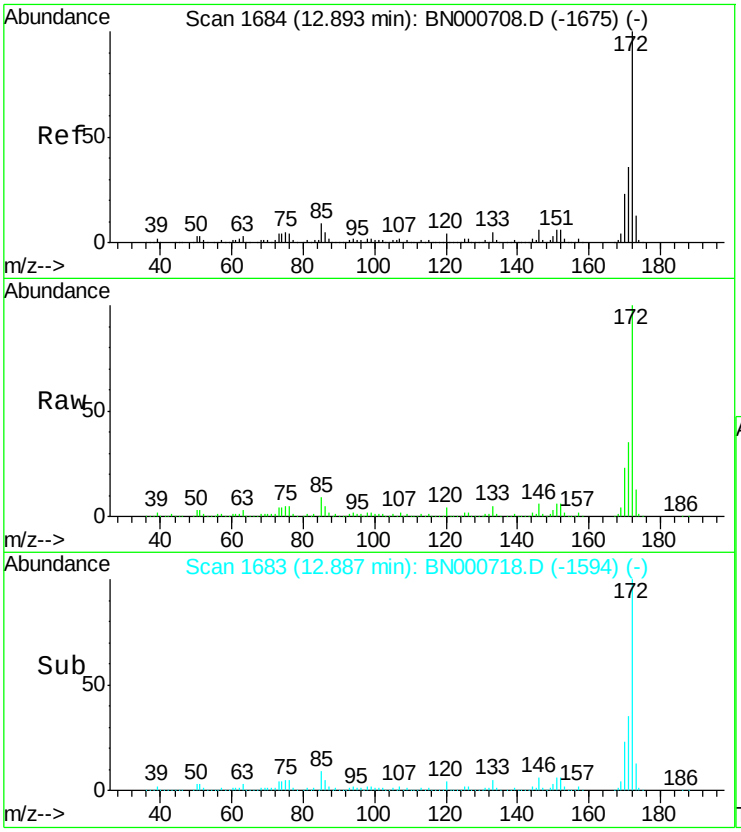


#41
2,4,6-Tribromophenol
Concen: 126.085 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:330 Resp: 323789

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	43.2	25.2	37.8#



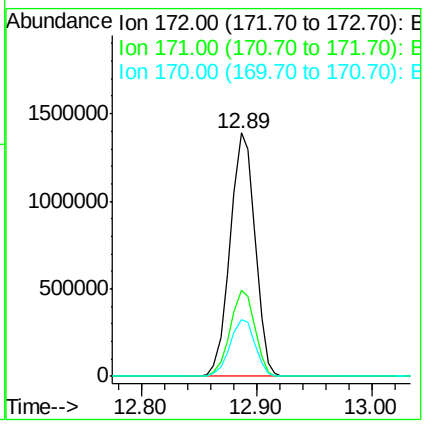


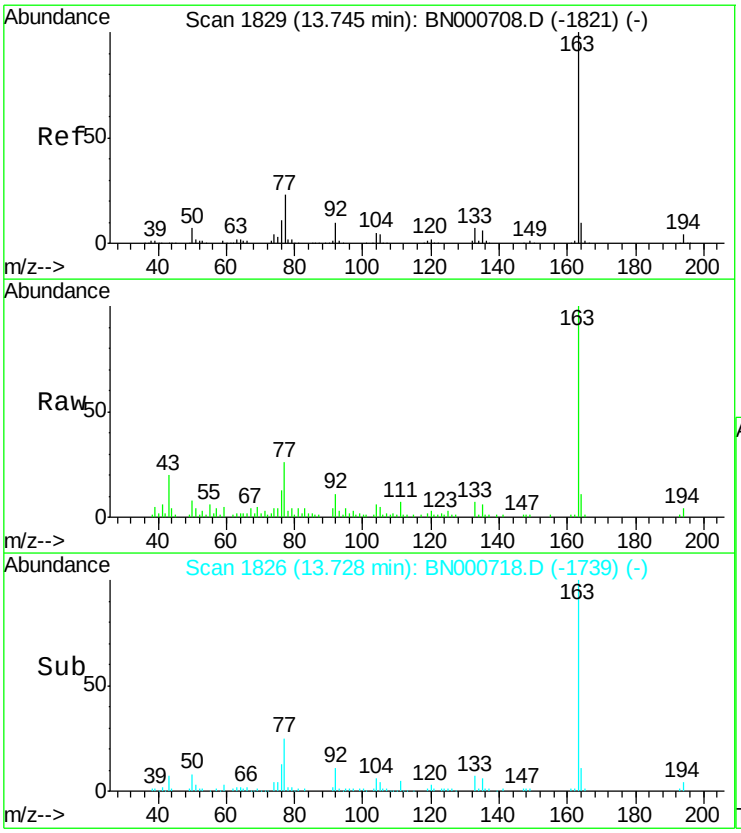
#44
2-Fluorobiphenyl
Concen: 109.348 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tgt Ion:172 Resp: 2072288

Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.2	19.5	29.3

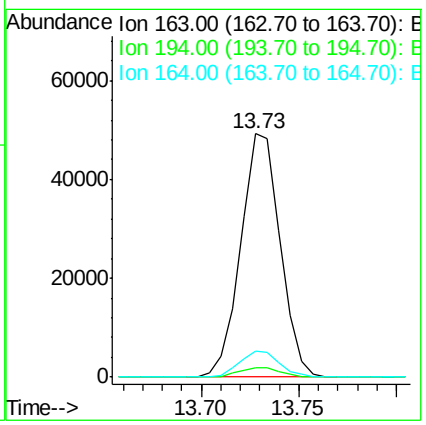


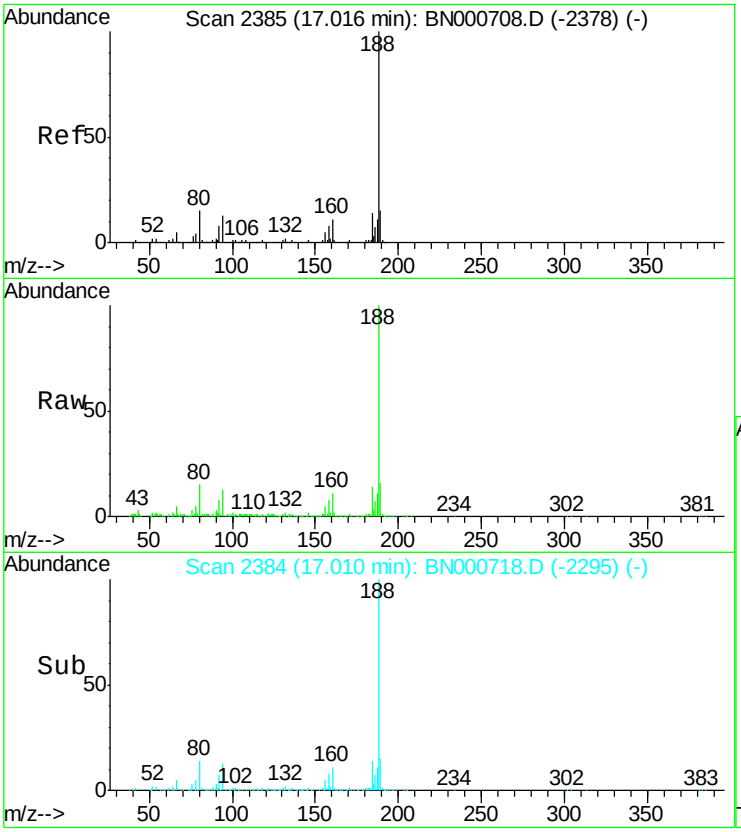


#49
Dimethylphthalate
Concen: 3.306 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:163 Resp: 68749

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.8	8.2	12.4



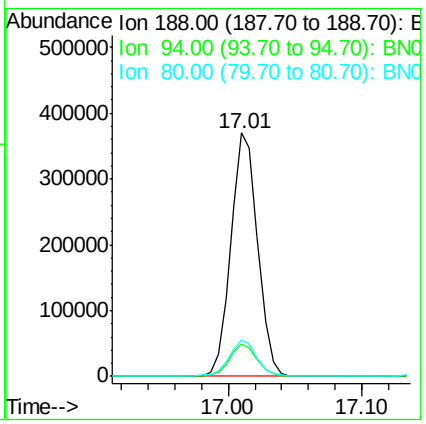


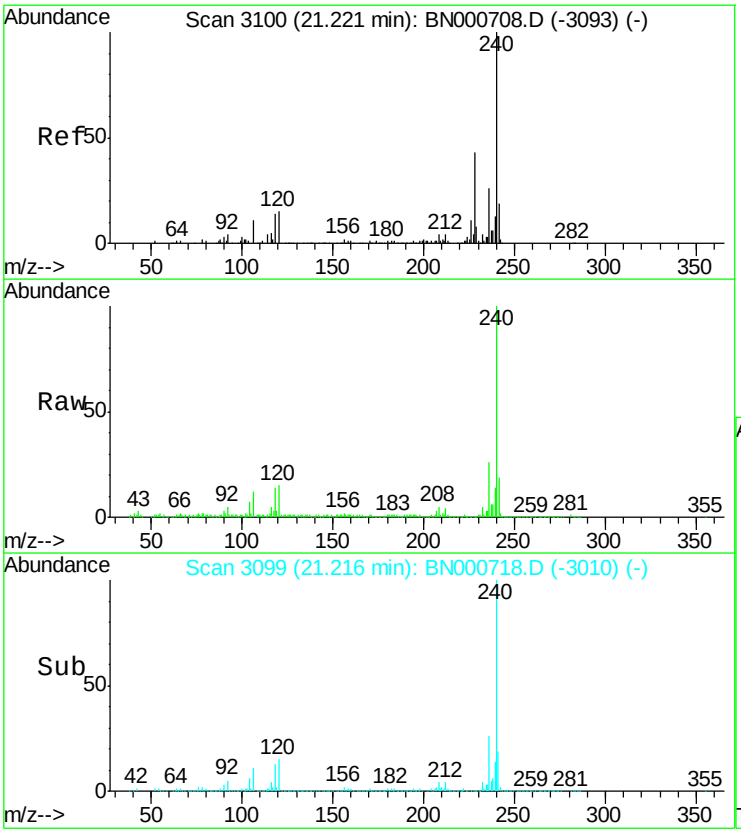
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tgt Ion:188 Resp: 515774

Ion	Ratio	Lower	Upper
188	100		
94	13.2	6.9	10.3#
80	14.8	7.7	11.5#

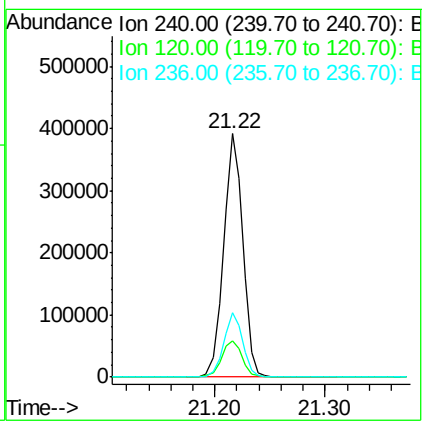


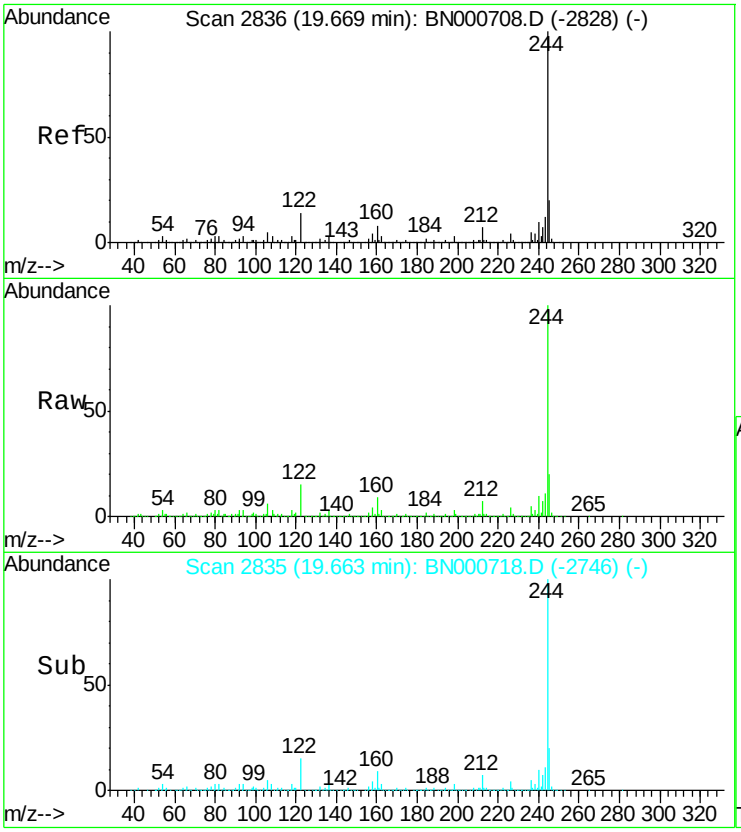


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:240 Resp: 475285

Ion	Ratio	Lower	Upper
240	100		
120	15.1	6.8	10.2#
236	26.3	20.9	31.3



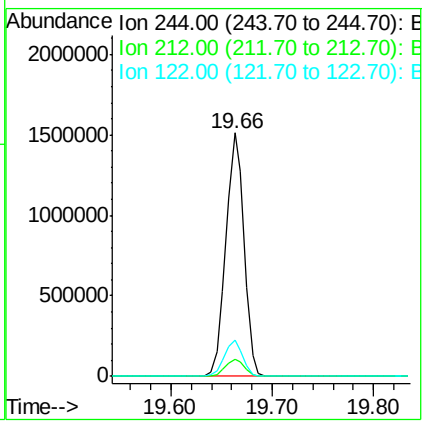


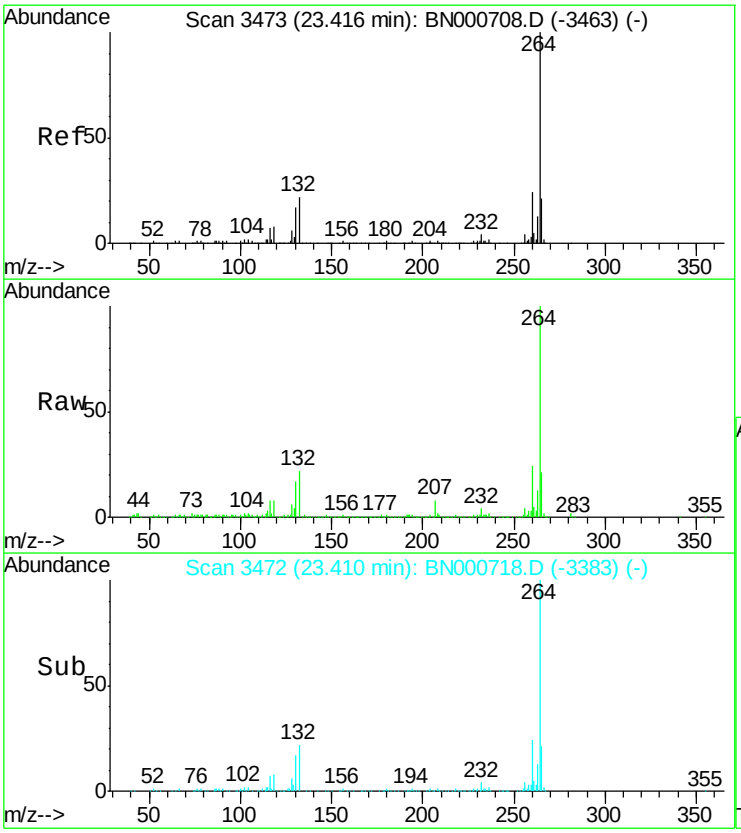
#78
Terphenyl-d14
Concen: 86.097 ng
RT: 19.66 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Instrument :
BNA_N
ClientSampleId :
MH-92A

Tgt Ion:244 Resp: 1873453

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	15.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN000718.D
Acq: 09 Apr 2018 20:17

Tgt Ion:264 Resp: 506778

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.4	17.7	26.5