Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
Data File : BN005108.D
Acq On : 05 Apr 2019 00:01
Operator : JU/SJ
Sample : K2240-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SB-02-(0-2)

Quant Time: Apr 05 04:20:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8045	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	34200	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	20176	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	44424	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	39719	20.00	ng	-0.03
87) Perylene-d12	23.47	264	38881	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	51254	110.15	ng	-0.03
7) Phenol-d6	6.83	99	69291	112.27	ng	-0.03
23) Nitrobenzene-d5	8.82	82	39137	69.22	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	39029	119.94	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	99297	65.22	ng	-0.03
79) Terphenyl-d14	19.69	244	145495	70.52	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.76	163	13952	8.417	ng	99

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

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SB-02-(0-2)

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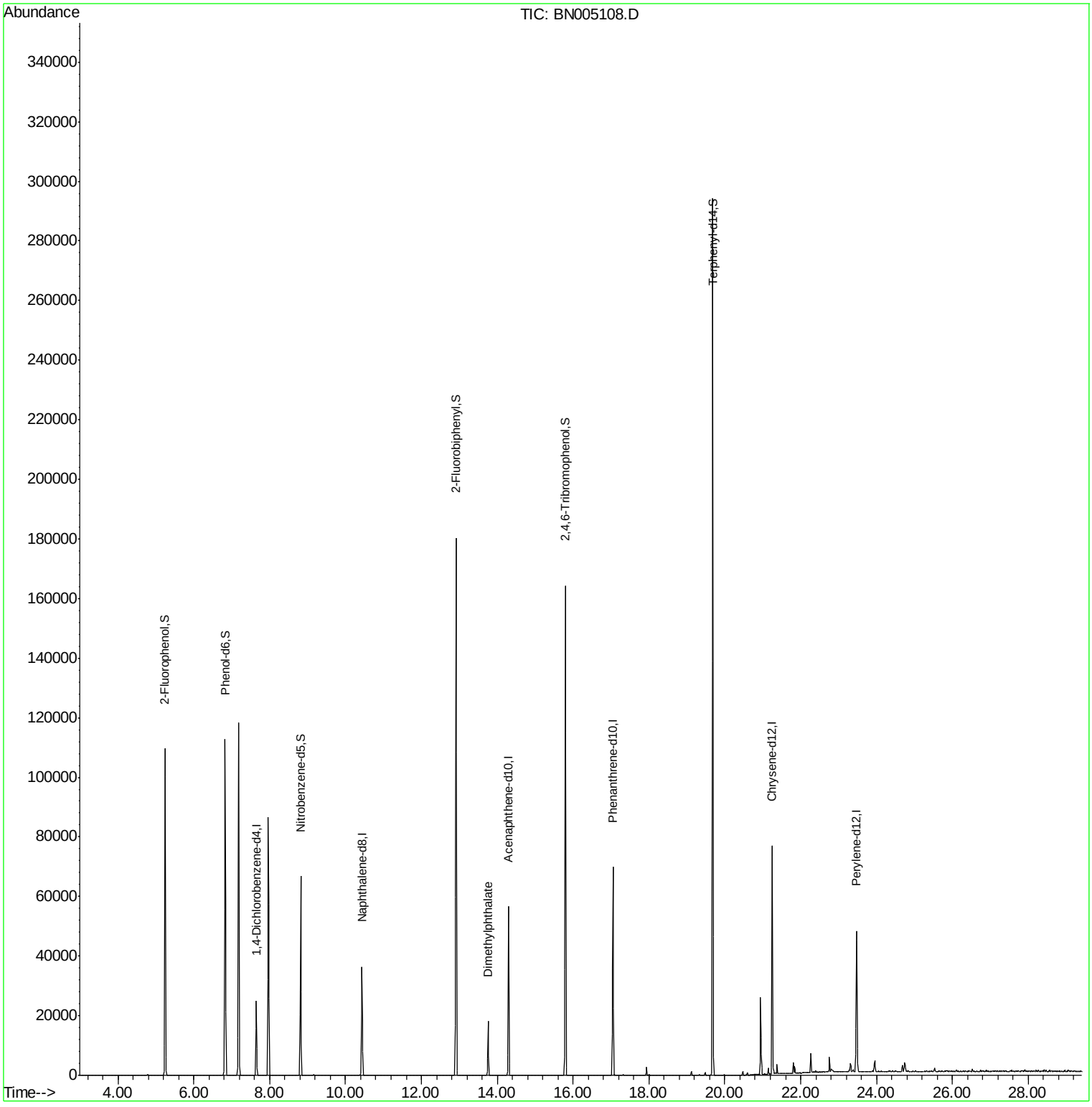
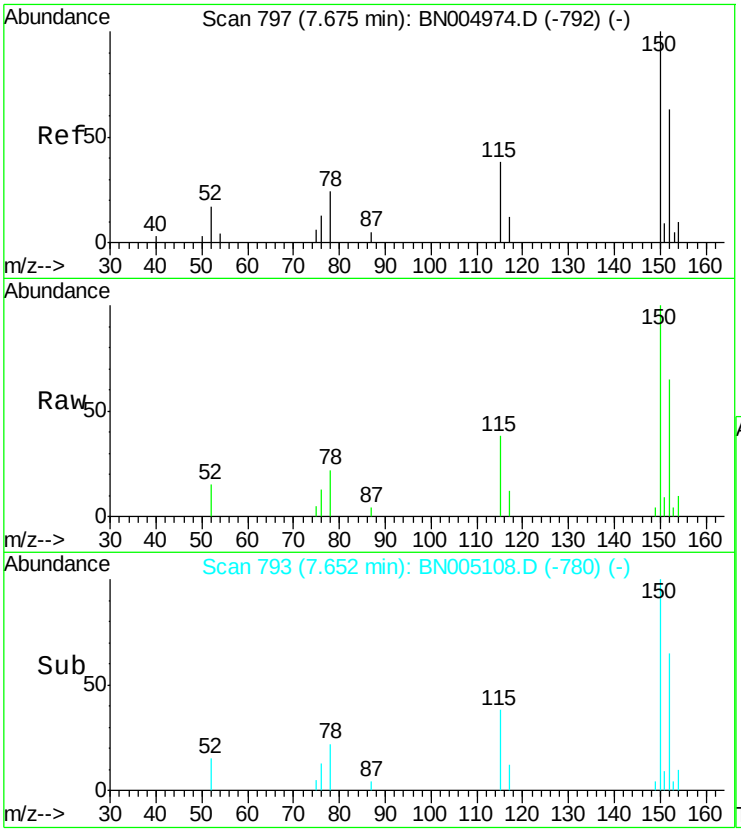


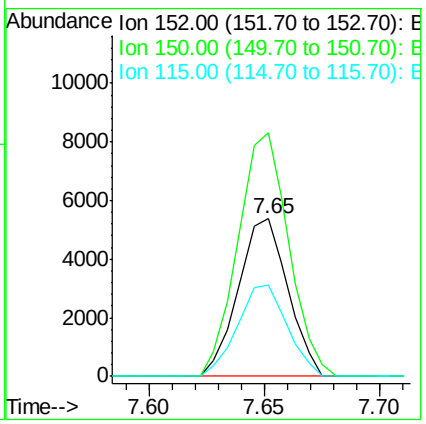


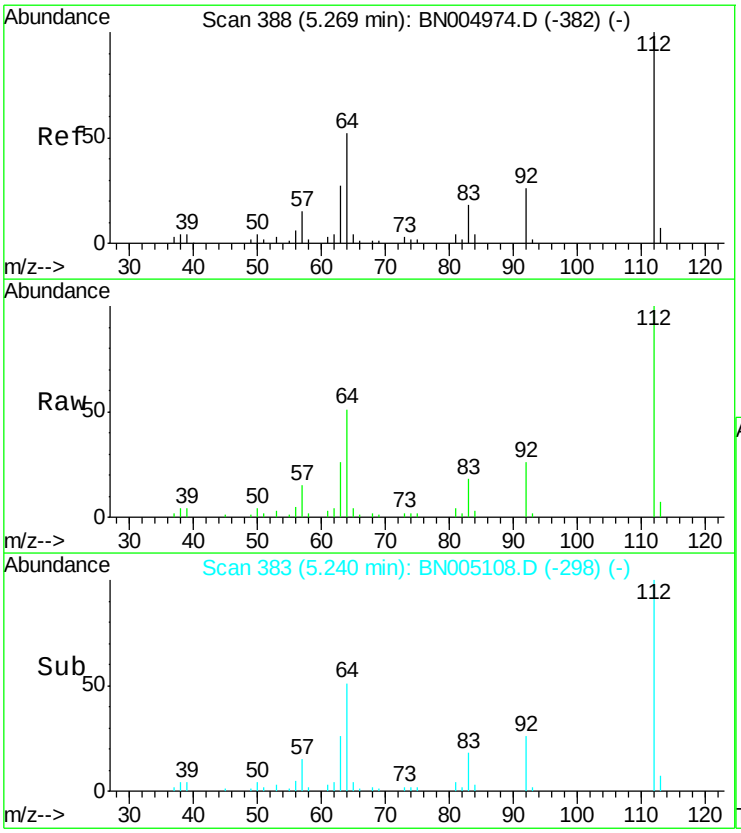
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:152 Resp: 8045

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.9	190.3
115	58.2	47.8	71.6

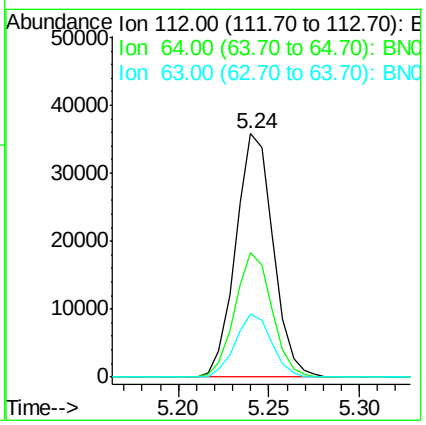


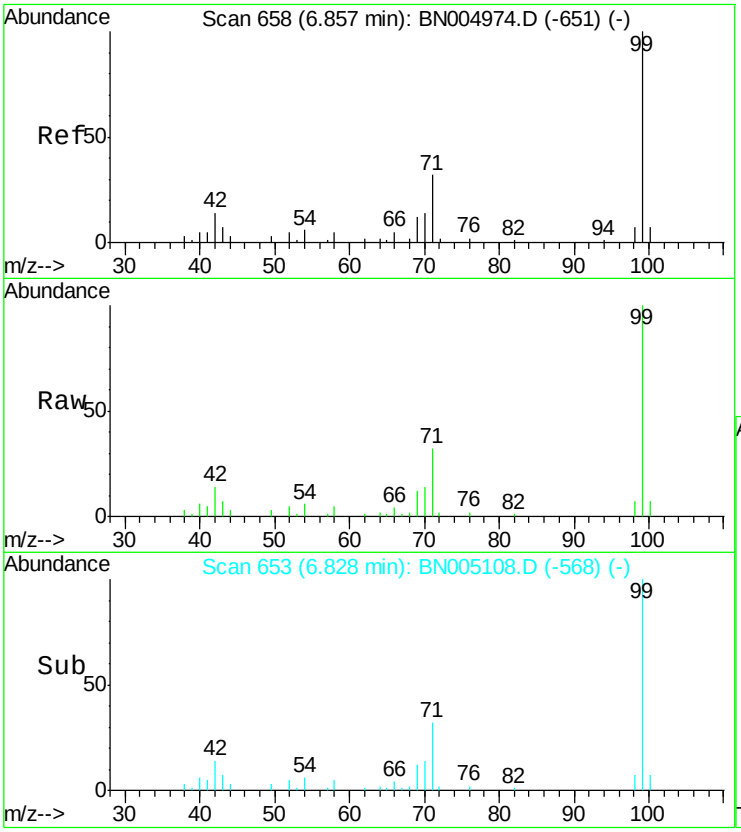


#5
2-Fluorophenol
Concen: 110.147 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:112 Resp: 51254

Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.9	62.9
63	25.8	21.4	32.0



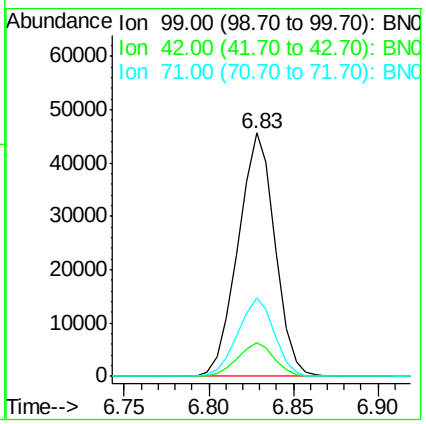


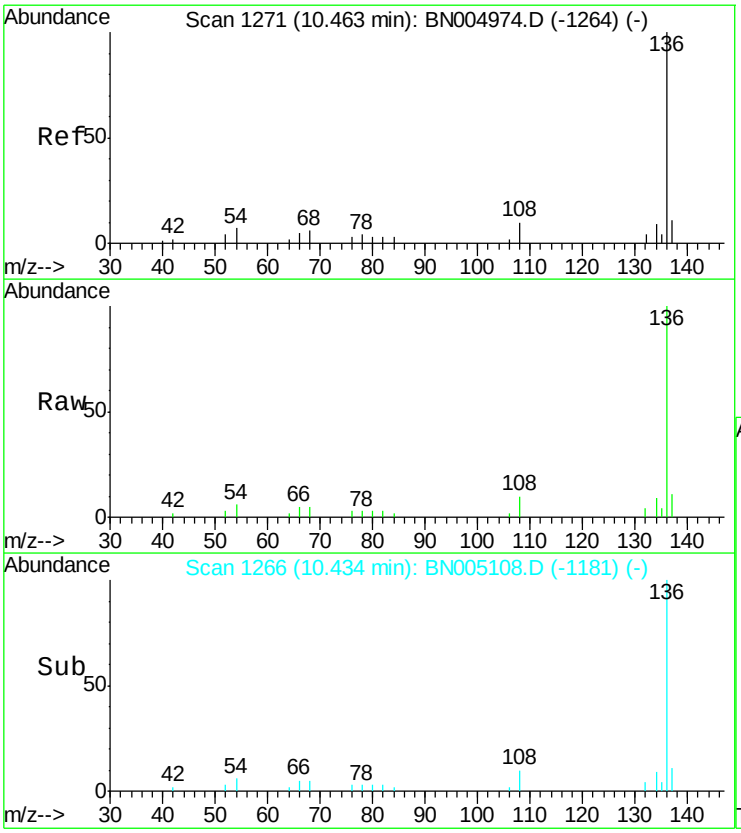
#7
Phenol-d6
Concen: 112.270 ng
RT: 6.83 min Scan# 653
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion: 99 Resp: 69291

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.4	17.0
71	32.4	25.8	38.8

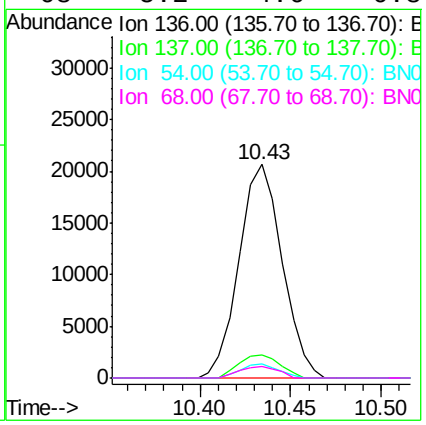


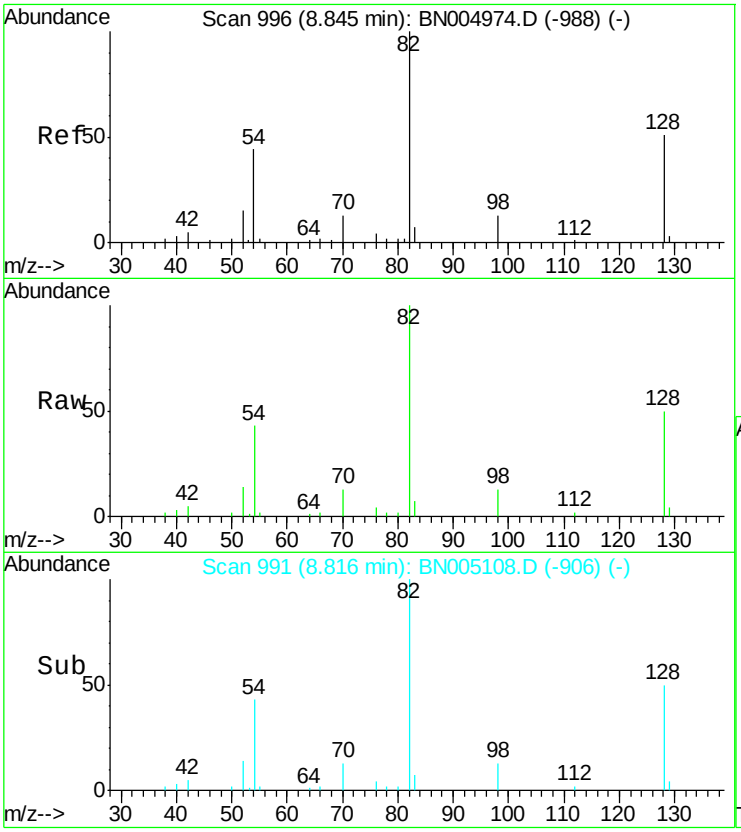


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:136 Resp: 34200

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.3	7.9
68	5.2	4.6	6.8



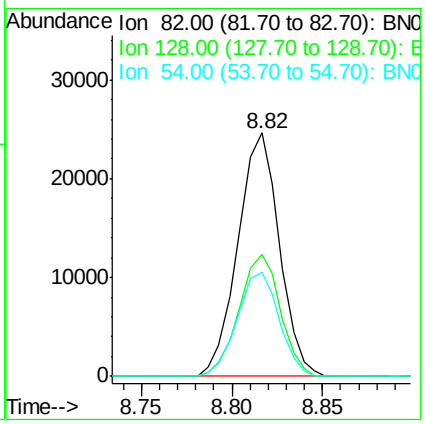


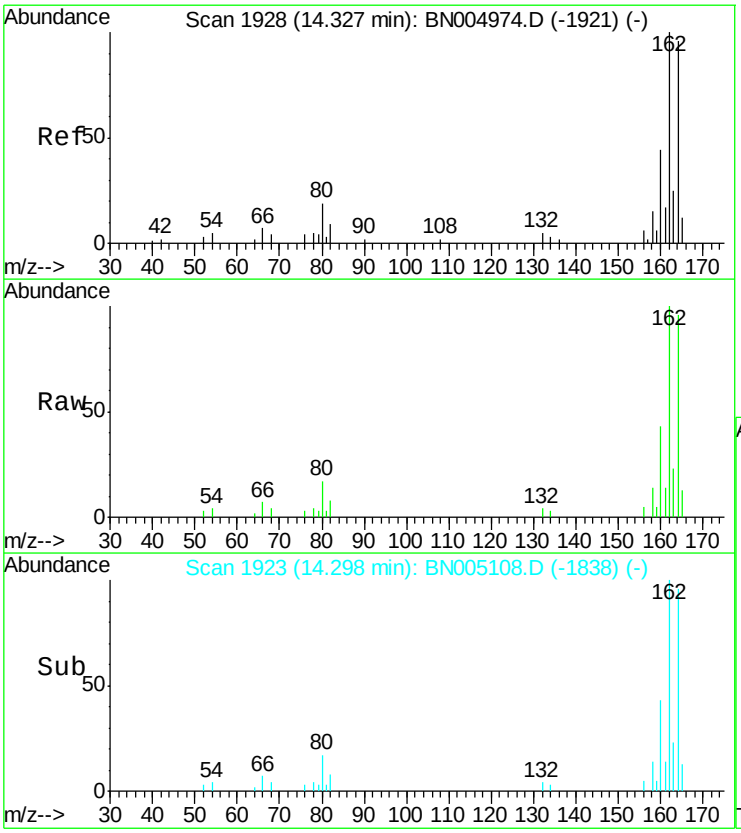
#23
Nitrobenzene-d5
Concen: 69.224 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion: 82 Resp: 39137

Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.6	60.8
54	42.8	35.2	52.8

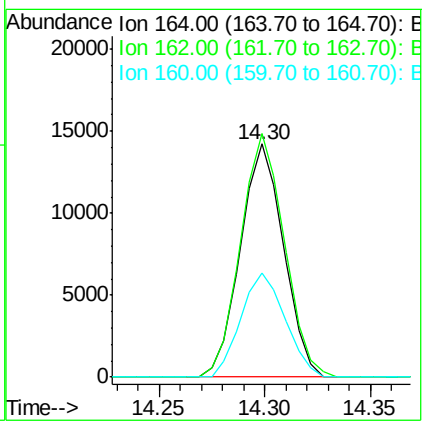


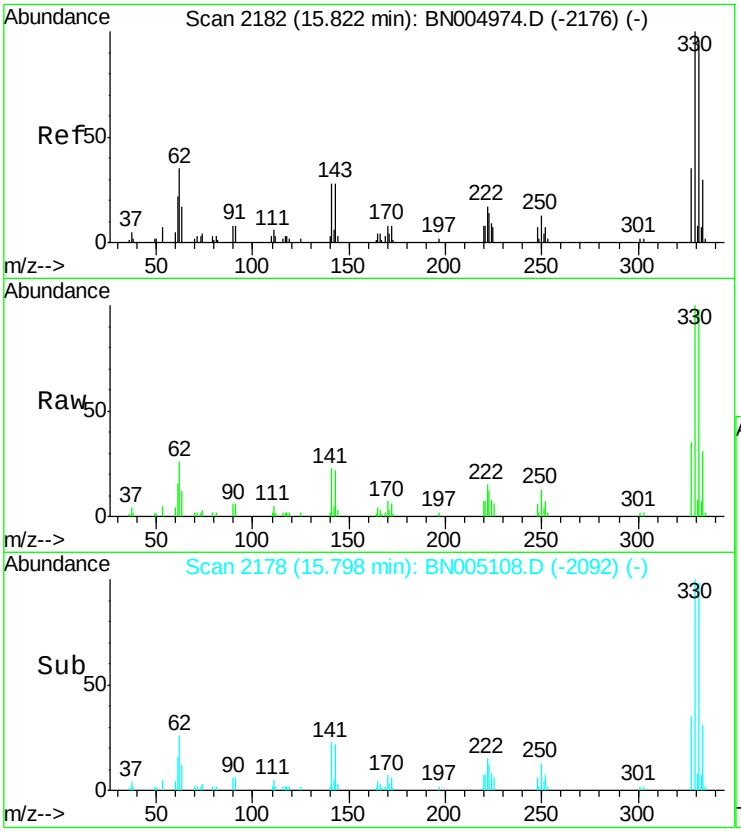


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:164 Resp: 20176

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.4	125.0
160	44.9	36.6	55.0



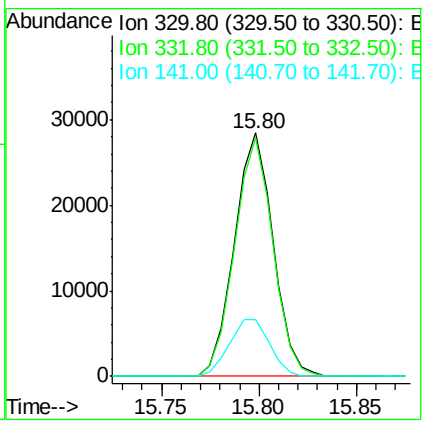


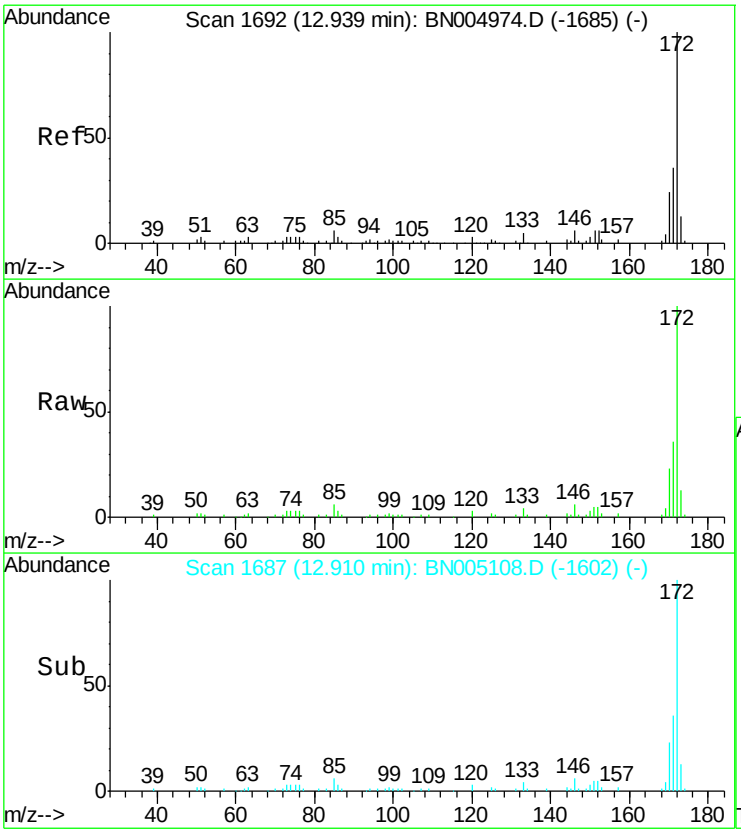
#42
2,4,6-Tribromophenol
Concen: 119.941 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:330 Resp: 39029

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	24.6	22.1	33.1

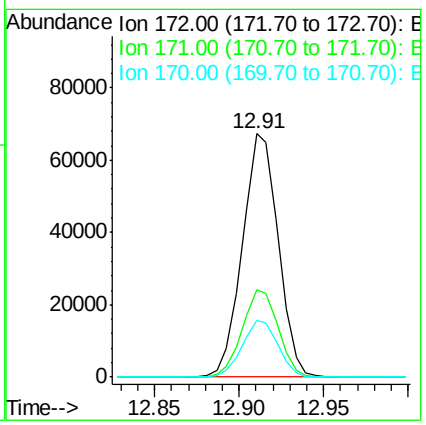


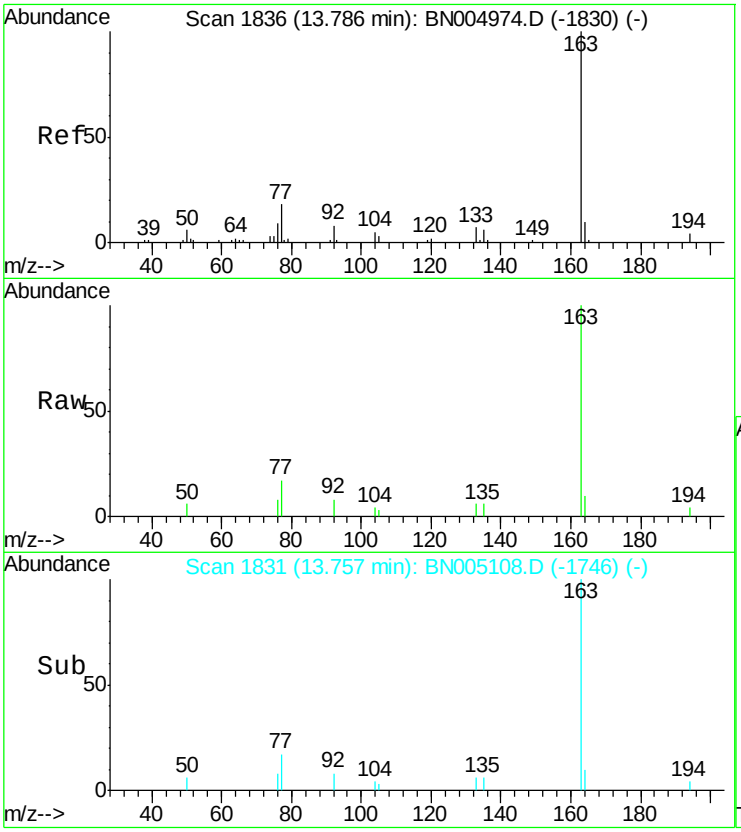


#45
2-Fluorobiphenyl
Concen: 65.217 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:172 Resp: 99297

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.2	18.9	28.3



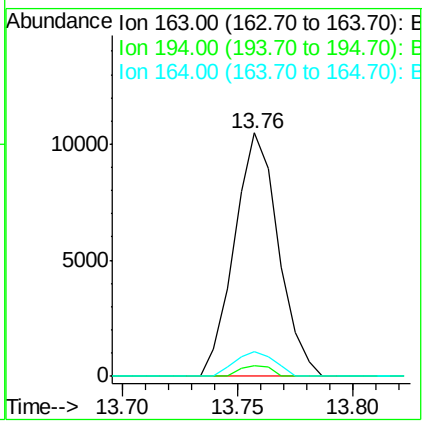


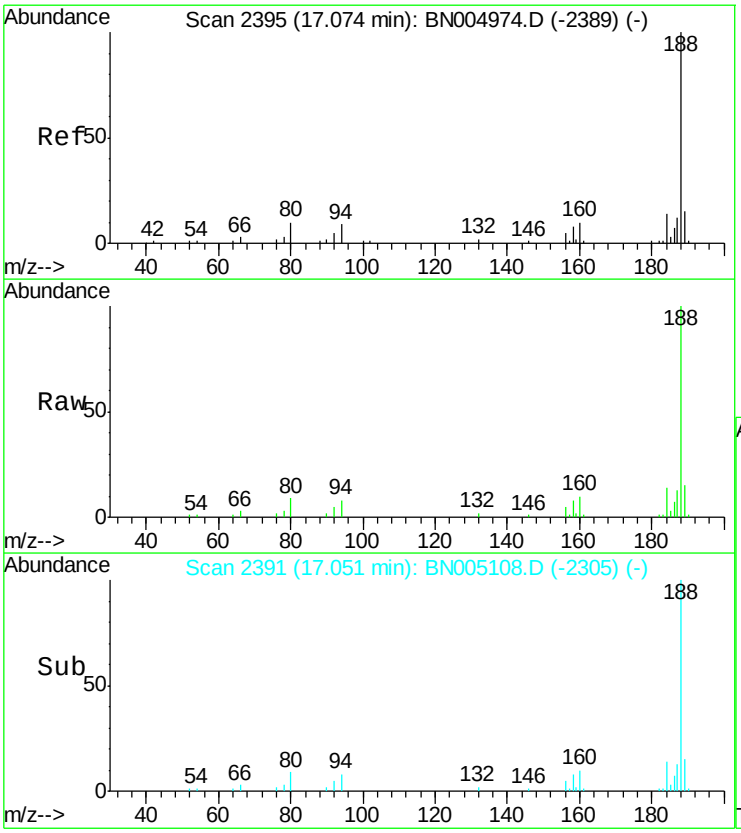
#50
Dimethylphthalate
Concen: 8.417 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:163 Resp: 13952

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.3	12.5

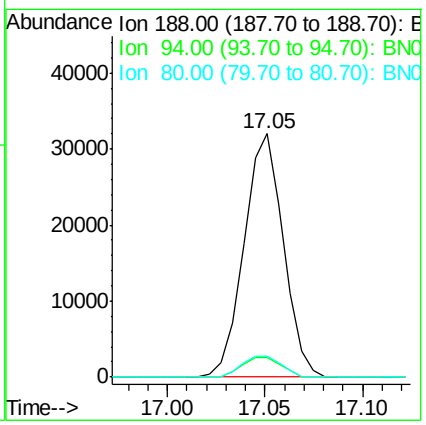


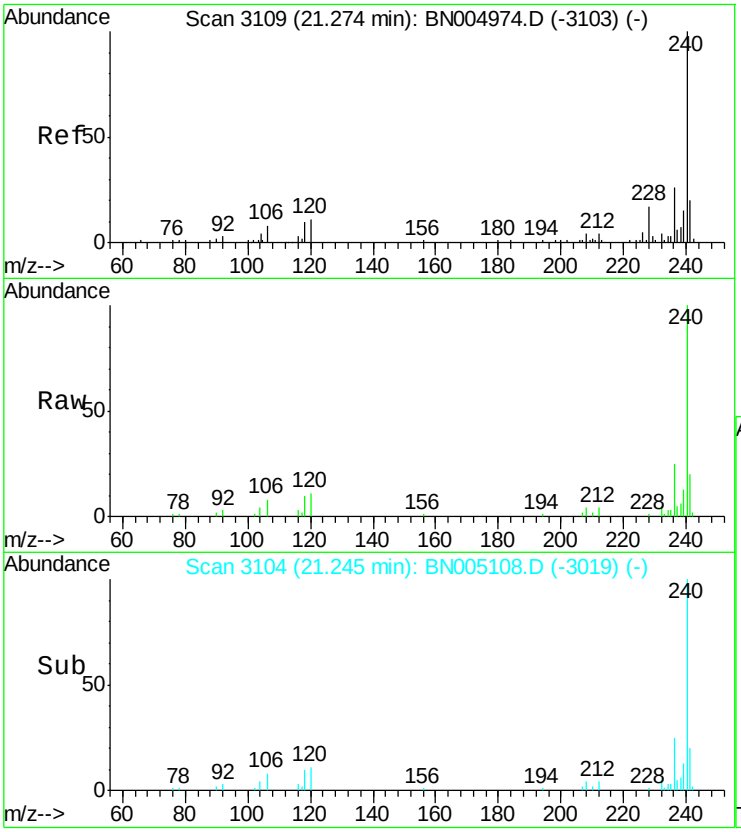


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:188 Resp: 44424

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.7	7.8	11.6



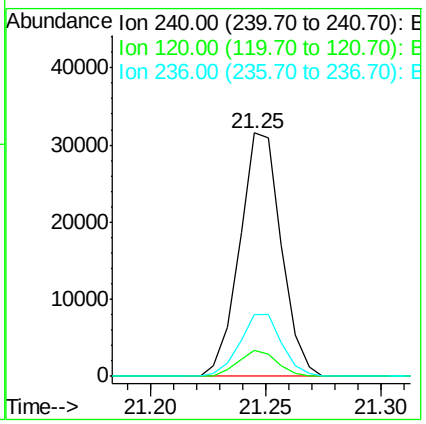


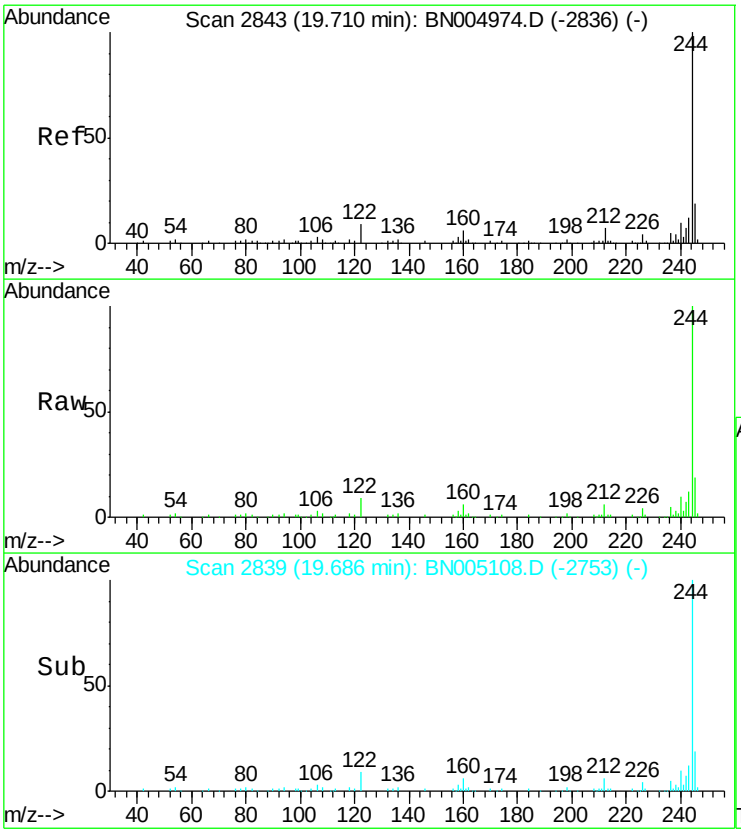
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:240 Resp: 39719

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	25.5	21.2	31.8

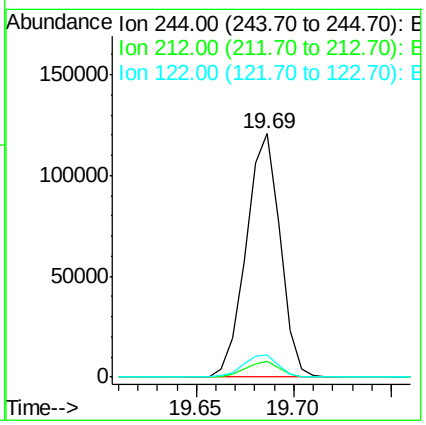


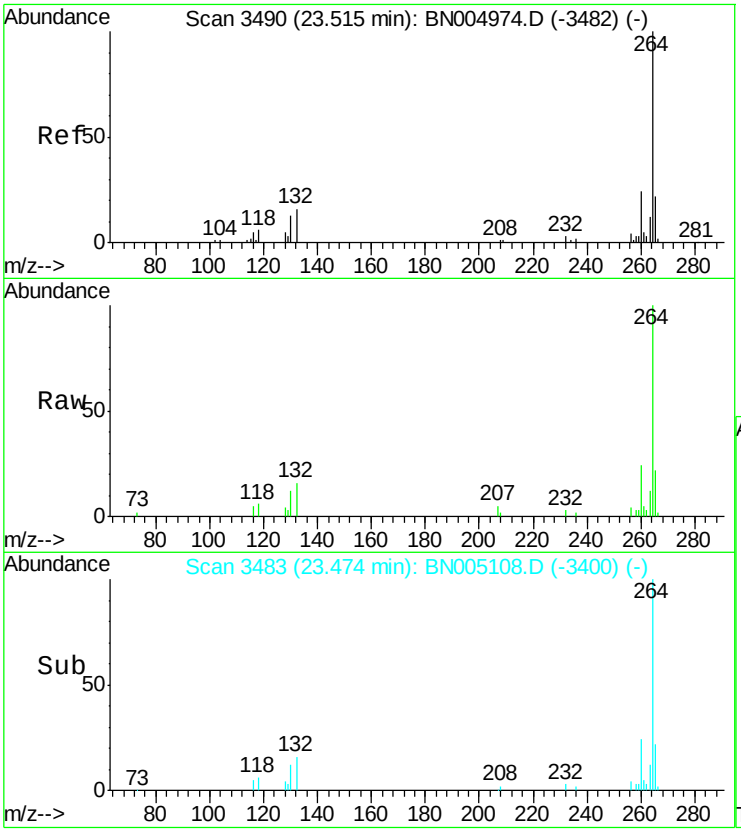


#79
Terphenyl-d14
Concen: 70.524 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Tgt Ion:244 Resp: 145495

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.1	7.4	11.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BN005108.D
Acq: 05 Apr 2019 00:01

Instrument :
BNA_N
ClientSampleId :
SB-02-(0-2)

Tgt Ion:264 Resp: 38881

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.1	17.2	25.8