Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
Data File : BM018569.D
Acq On : 15 Jan 2019 20:05
Operator : JU/SJ
Sample : K1139-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-5

Quant Time: Jan 16 00:07:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	201691	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	762431	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	425780	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1028602	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1245377	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1329602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1439612	131.80	ng	0.00
7) Phenol-d6	6.93	99	1588332	114.49	ng	0.00
23) Nitrobenzene-d5	8.92	82	1266055	96.26	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	894062	164.91	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3124563	95.76	ng	0.00
79) Terphenyl-d14	19.78	244	5690495	96.32	ng	0.00
Target Compounds						Qvalue

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

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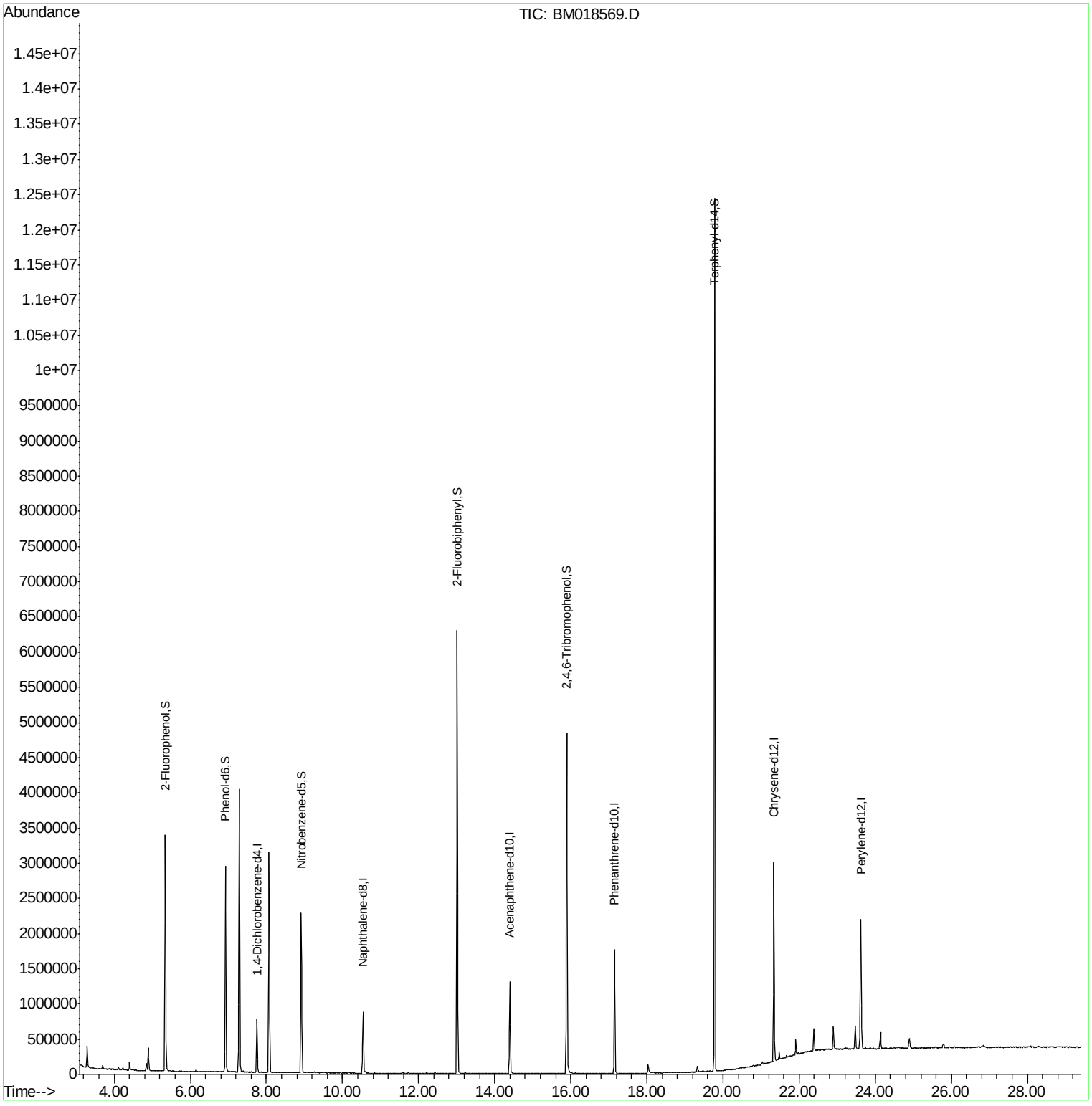
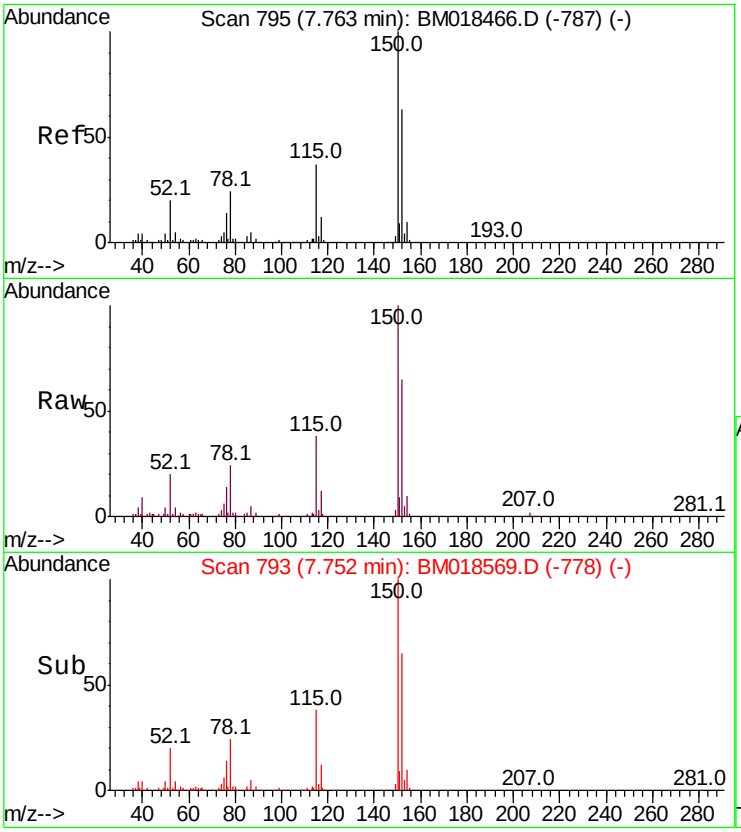


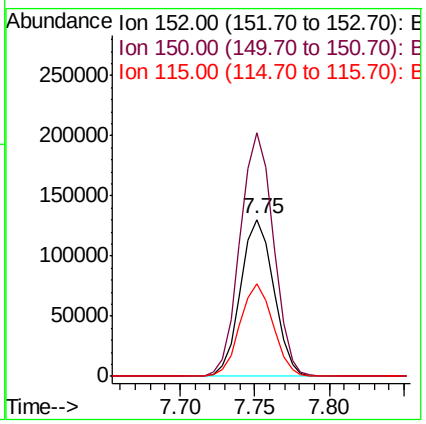


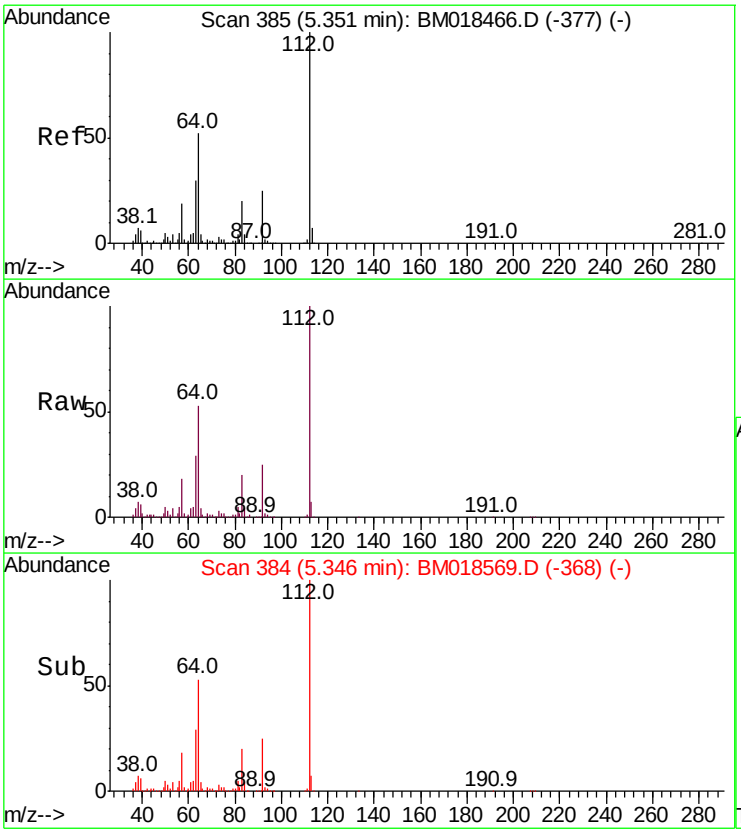
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampleId :
S-5

Tgt Ion:152 Resp: 201691

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.9	190.3
115	58.8	45.5	68.3

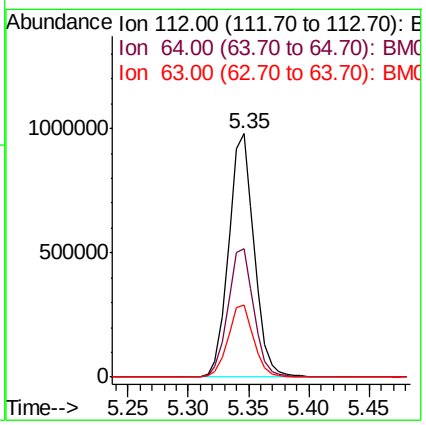


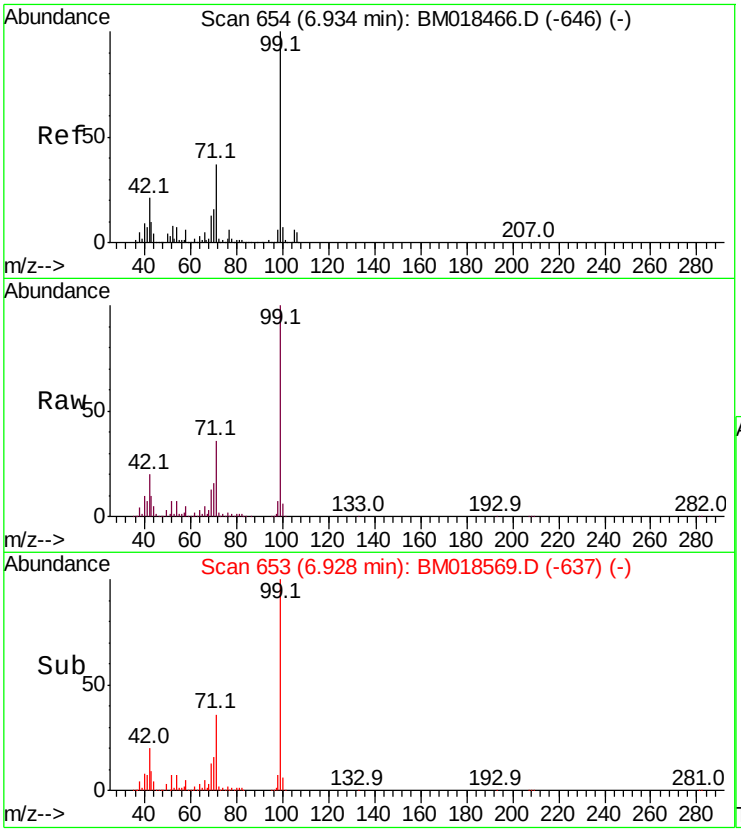


#5
2-Fluorophenol
Concen: 131.797 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:112 Resp: 1439612

Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.5	69.7
63	29.4	25.2	37.8



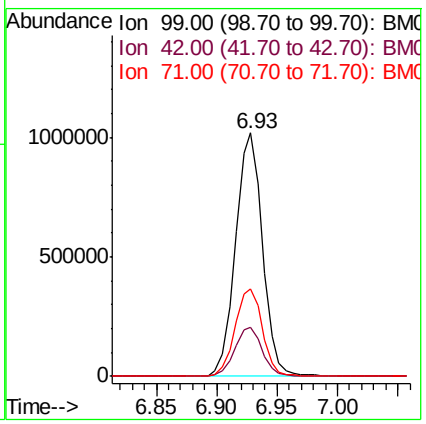


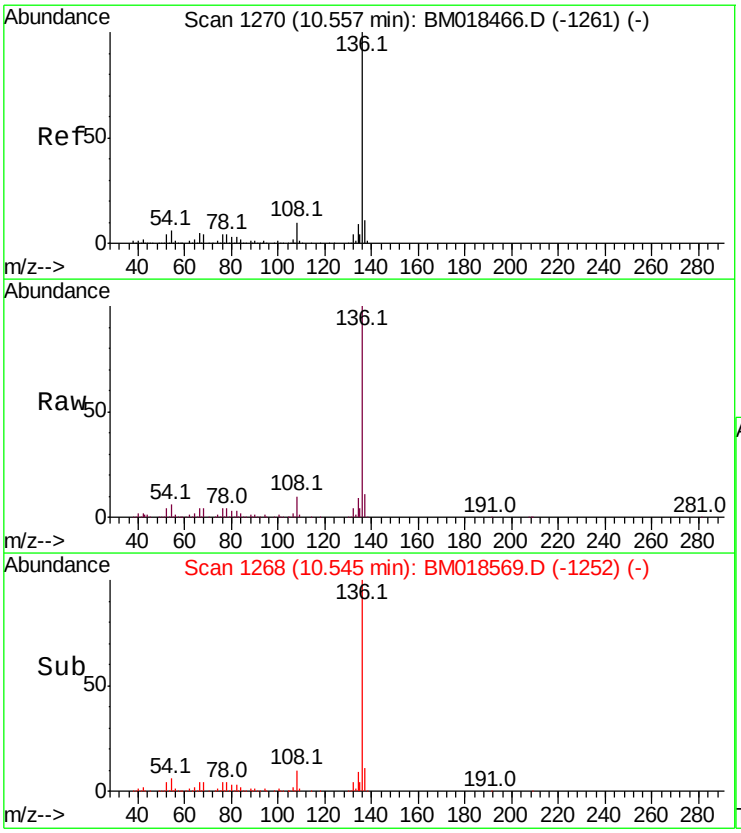
#7
Phenol-d6
Concen: 114.487 ng
RT: 6.93 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampleId :
S-5

Tgt Ion: 99 Resp: 1588332

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	35.9	28.0	42.0

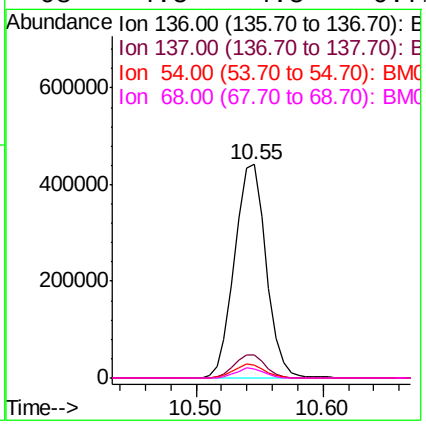


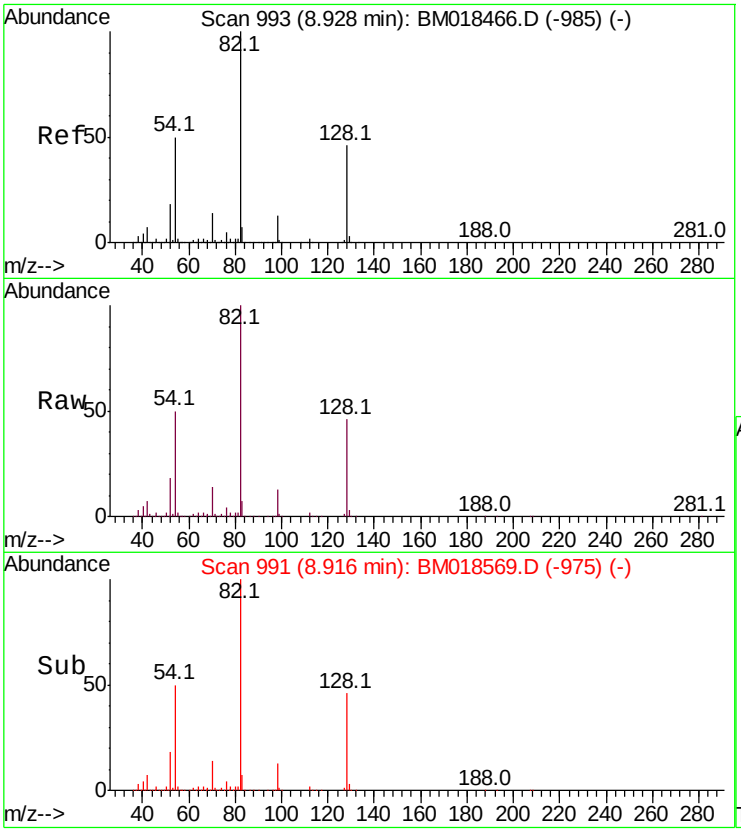


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:136 Resp: 762431

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.0	6.0	9.0#
68	4.5	4.5	6.7#



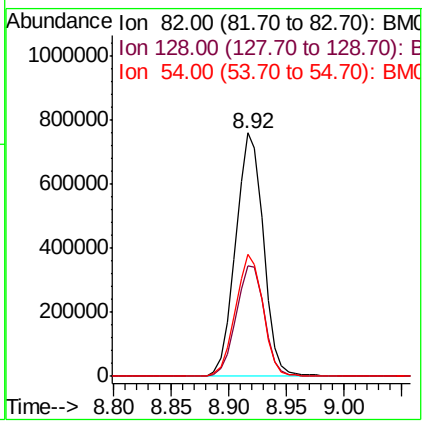


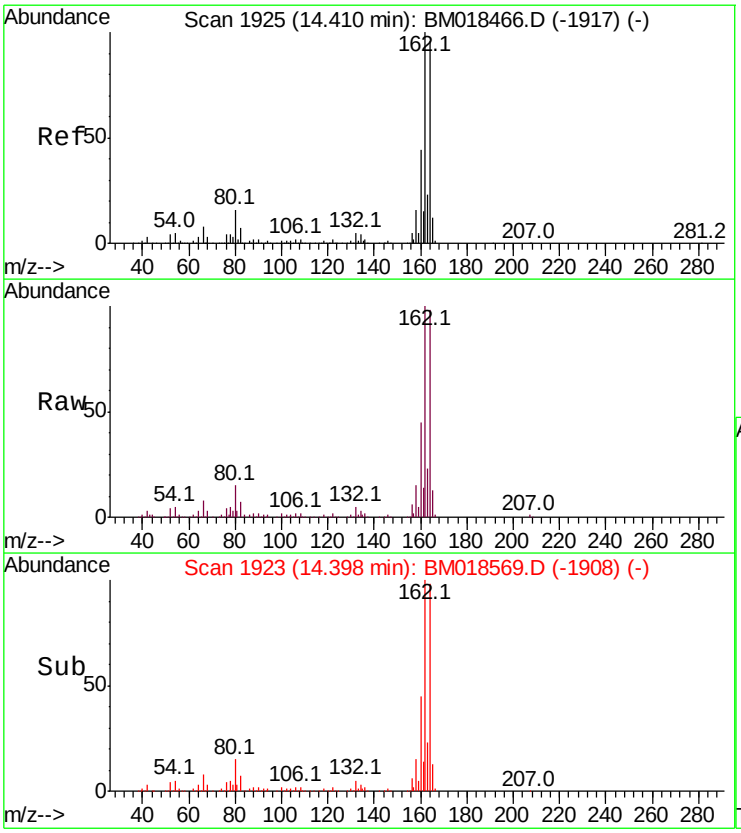
#23
Nitrobenzene-d5
Concen: 96.264 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampleId :
S-5

Tgt Ion: 82 Resp: 1266055

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	50.3	41.7	62.5

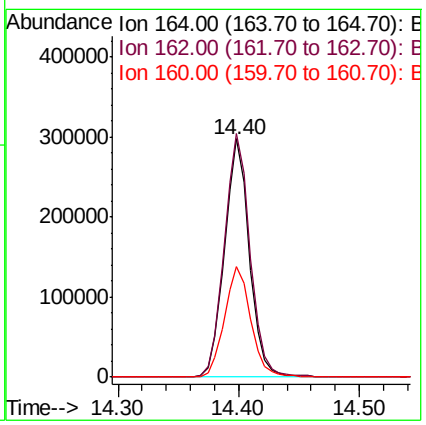


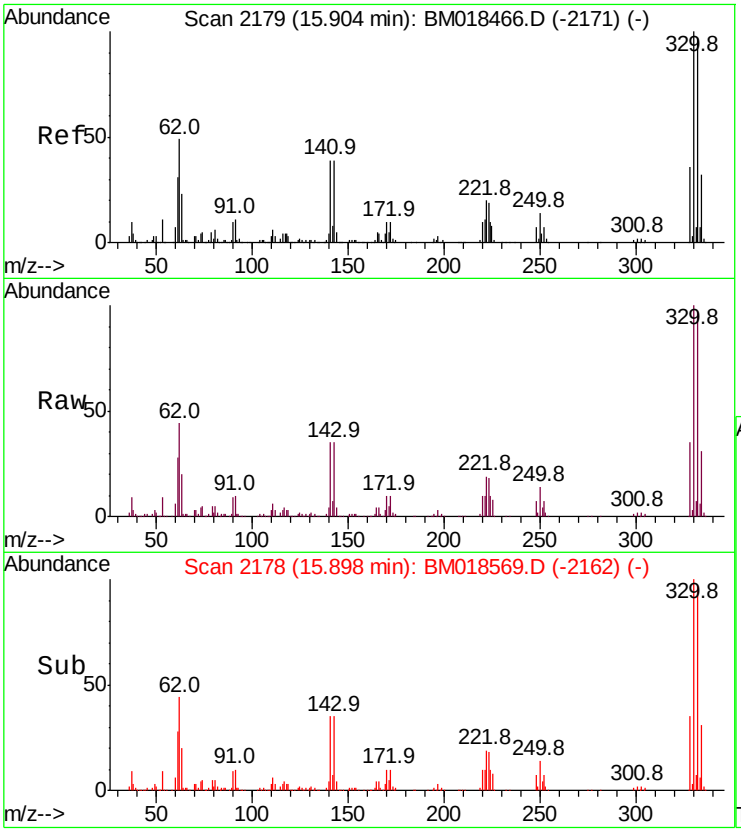


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:164 Resp: 425780

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.4
160	46.5	37.1	55.7



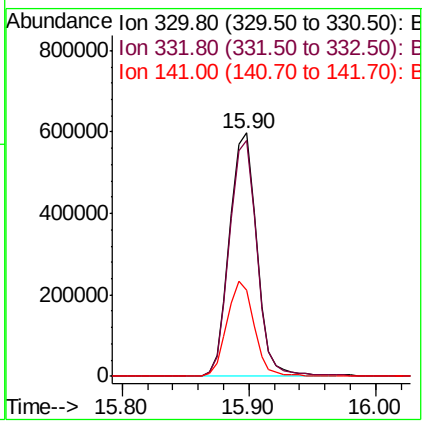


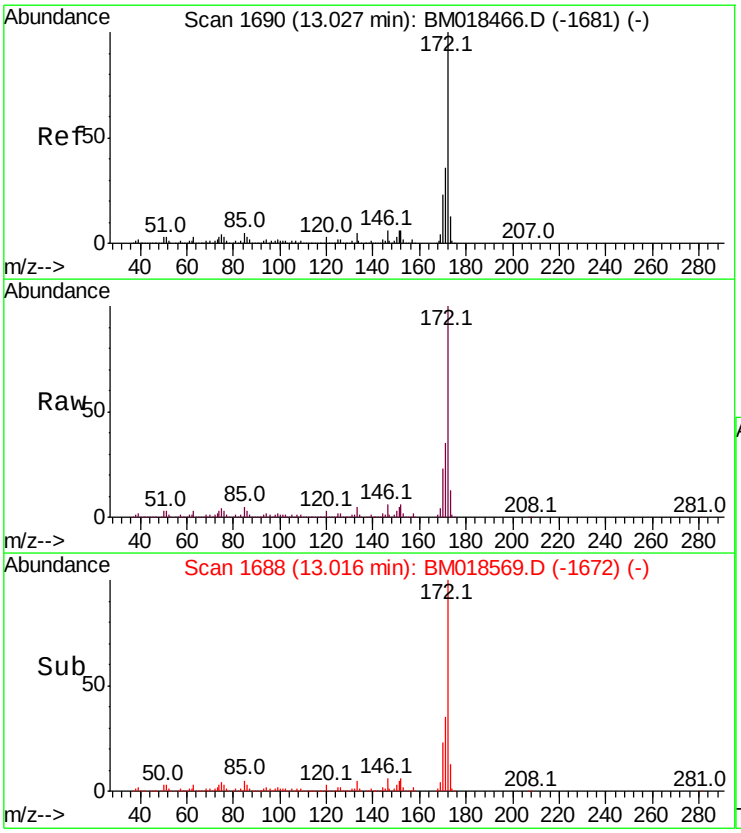
#42
2,4,6-Tribromophenol
Concen: 164.914 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampleId :
S-5

Tgt Ion:330 Resp: 894062

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	39.1	31.7	47.5

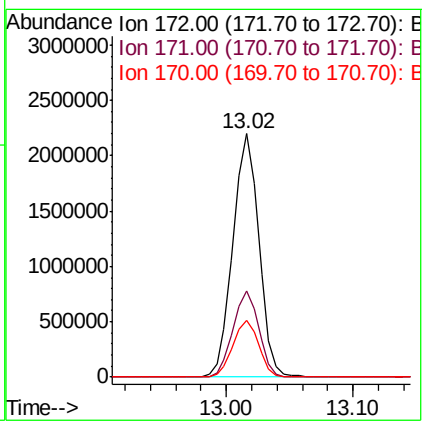


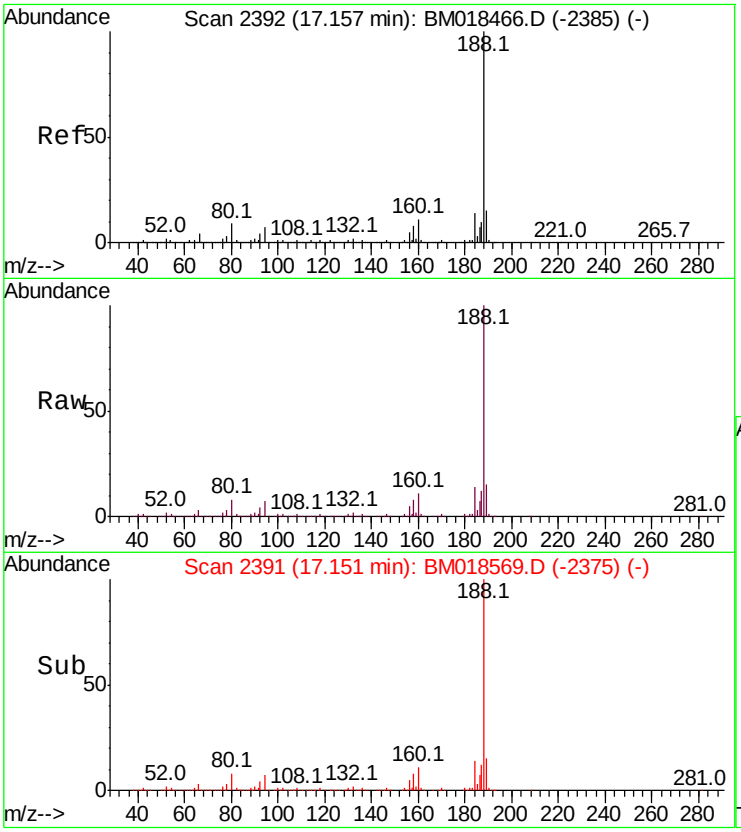


#45
2-Fluorobiphenyl
Concen: 95.757 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:172 Resp: 3124563

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.4	18.9	28.3



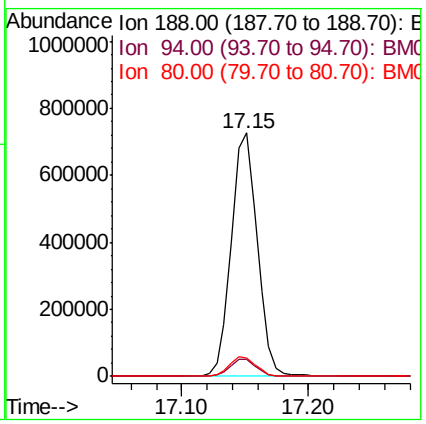


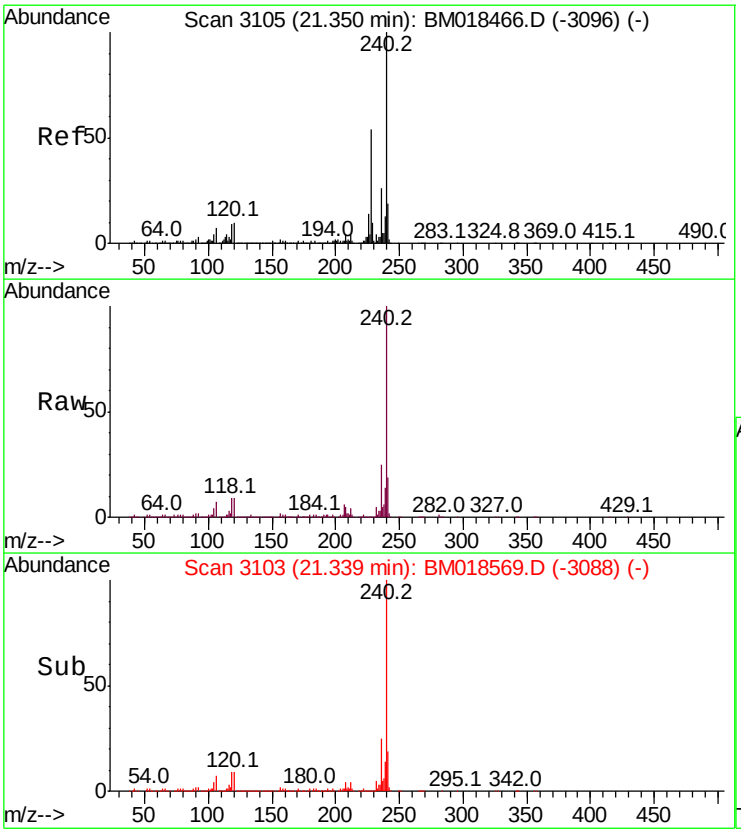
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampleId :
S-5

Tgt Ion:188 Resp: 1028602

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	7.6	7.6	11.4

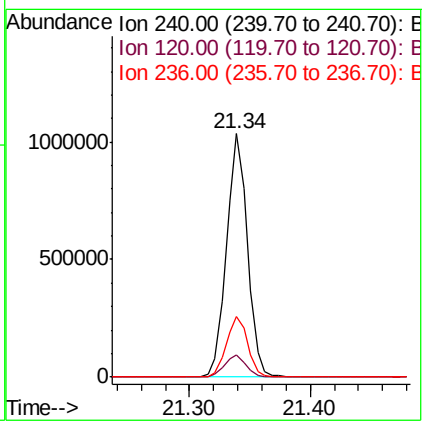


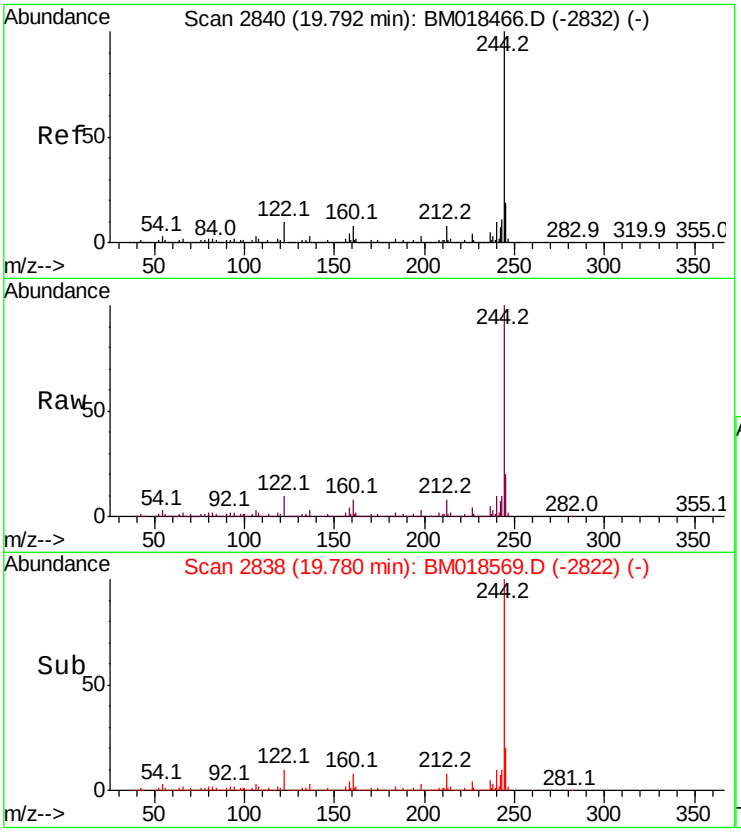


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:240 Resp: 1245377

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	25.1	20.7	31.1



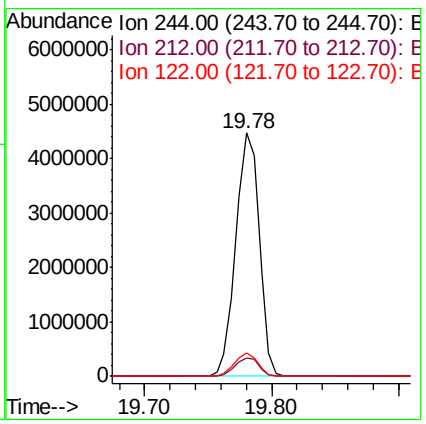


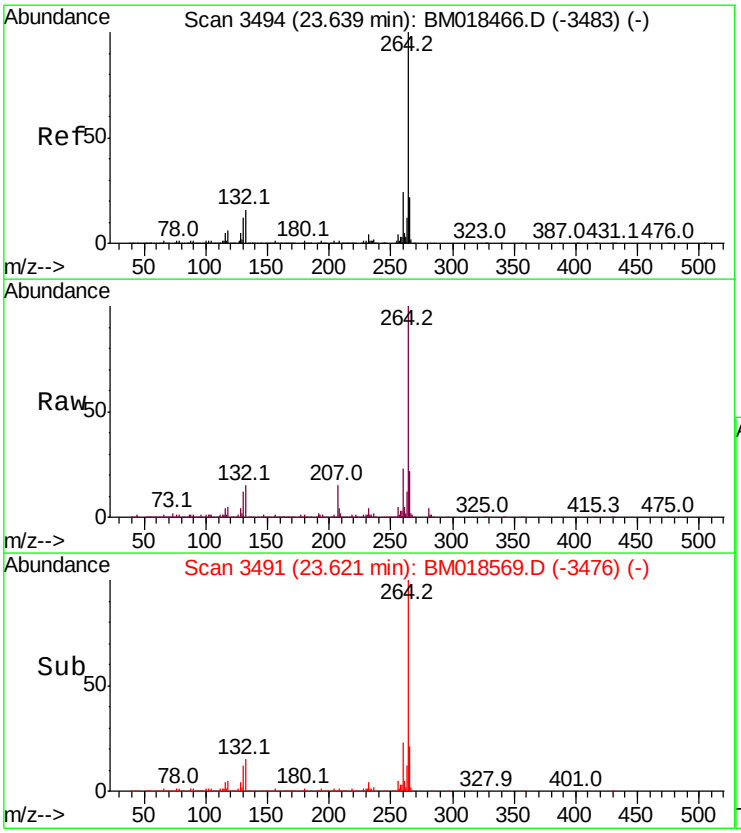
#79
Terphenyl-d14
Concen: 96.322 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Instrument :
BNA_M
ClientSampleId :
S-5

Tgt Ion:244 Resp: 5690495

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM018569.D
Acq: 15 Jan 2019 20:05

Tgt Ion:264 Resp: 1329602

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.0	16.8	25.2