Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018401.D
Acq On : 27 Dec 2018 18:05
Operator : JU/SJ
Sample : J6569-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381128111-2

Quant Time: Dec 28 04:25:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	342678	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1571882	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	957901	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2257102	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2508088	20.00	ng	0.00
87) Perylene-d12	23.66	264	2574876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	140599	7.74	ng	0.00
7) Phenol-d6	6.93	99	148304	5.88	ng	0.00
23) Nitrobenzene-d5	8.95	82	458687	16.75	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	348655	28.65	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1456839	20.60	ng	0.00
79) Terphenyl-d14	19.81	244	4100845	34.84	ng	0.00
Target Compounds						Qvalue

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

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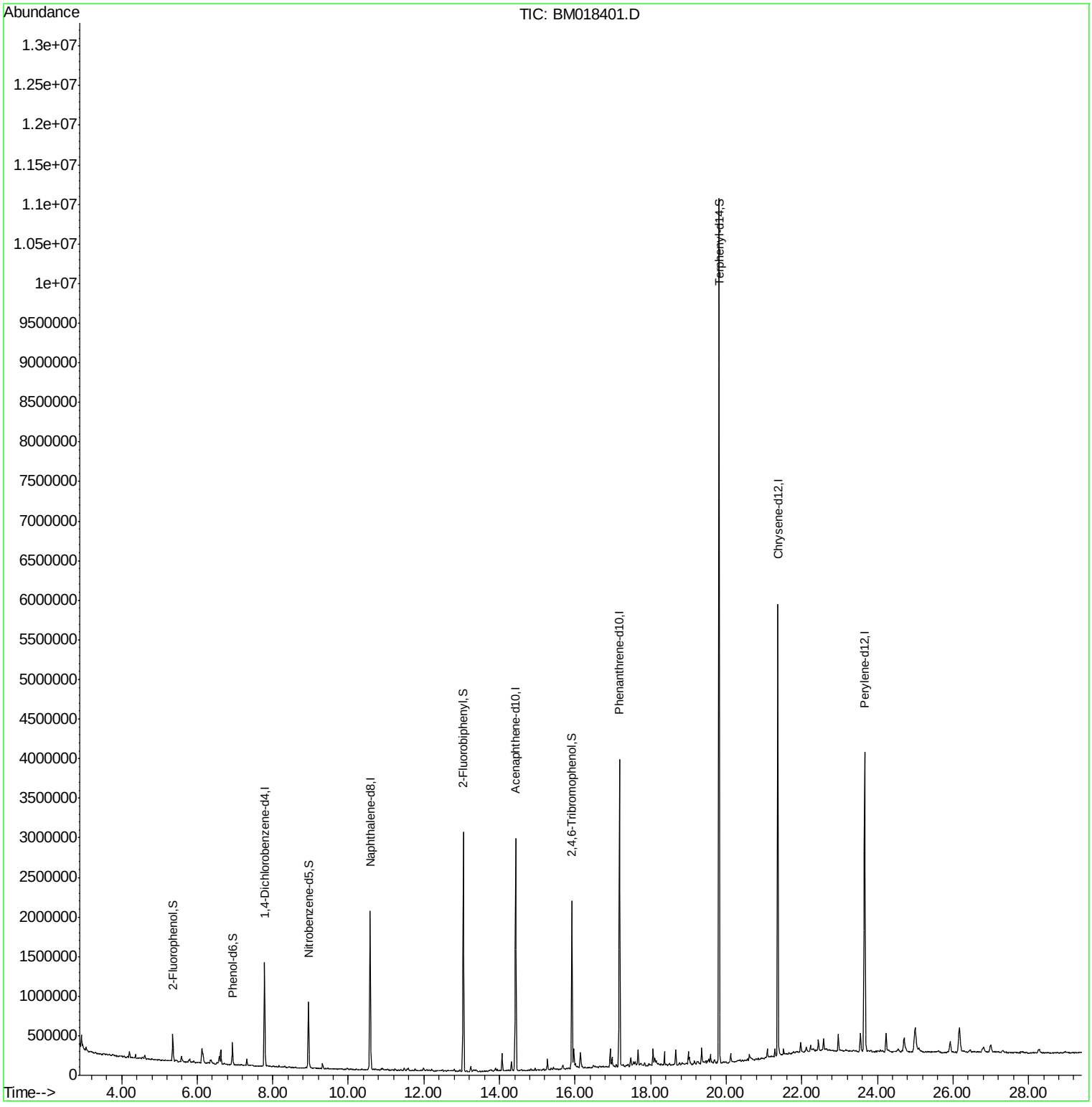
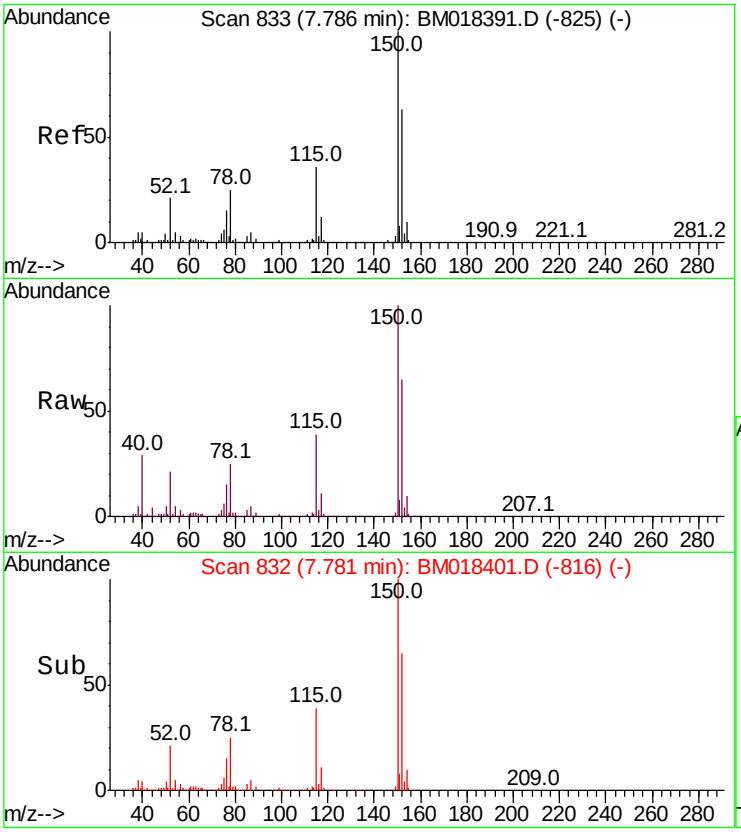


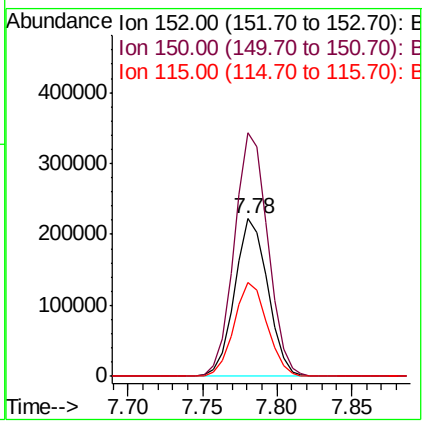


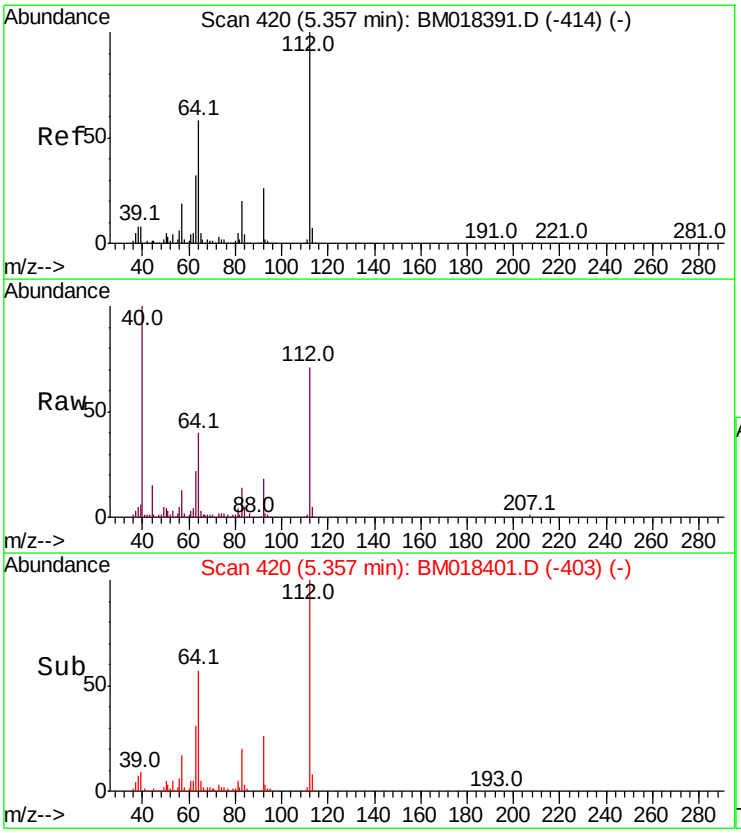
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Instrument :
BNA_M
ClientSampleId :
381128111-2

Tgt Ion:152 Resp: 342678

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.9	190.3
115	59.8	45.5	68.3

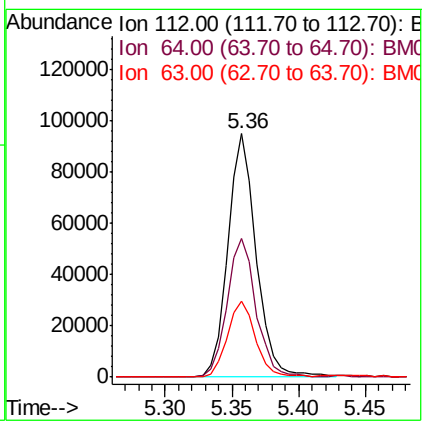


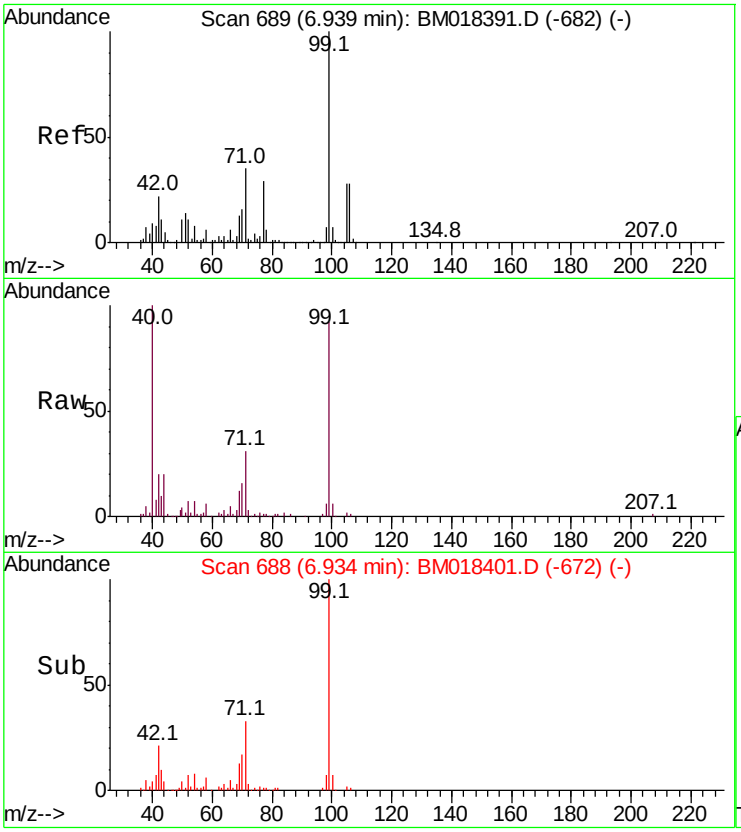


#5
2-Fluorophenol
Concen: 7.736 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Tgt Ion:112 Resp: 140599

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.5	69.7
63	31.3	25.2	37.8



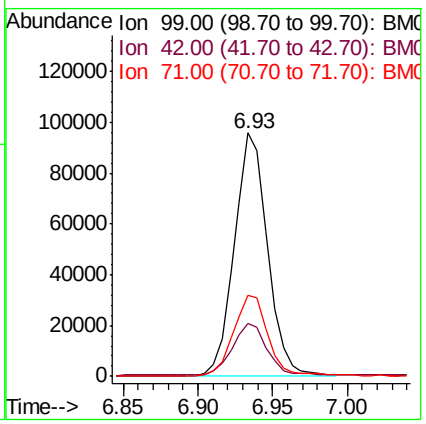


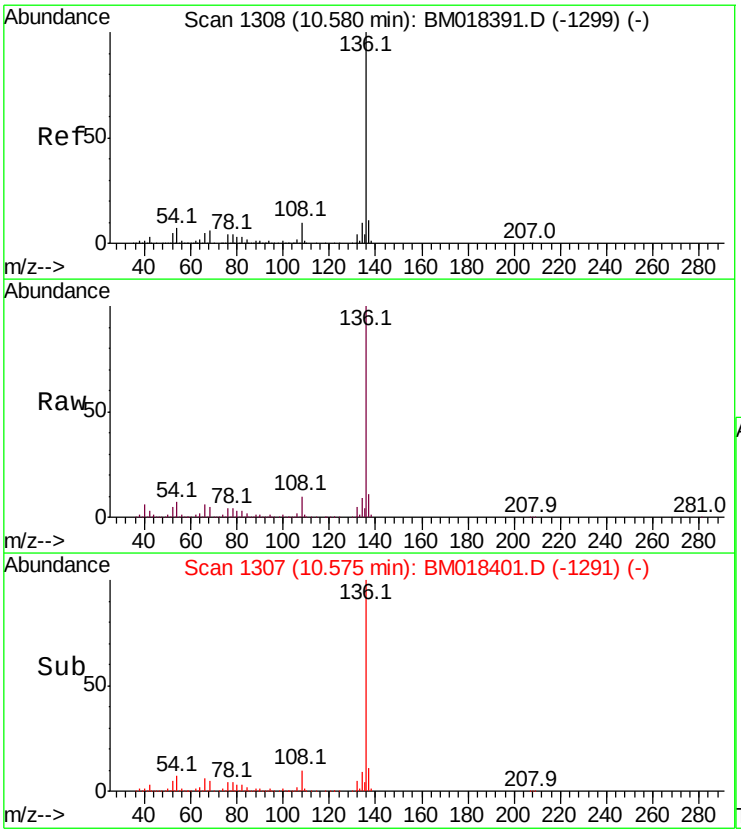
#7
Phenol-d6
Concen: 5.876 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Instrument :
BNA_M
ClientSampleId :
381128111-2

Tgt Ion: 99 Resp: 148304

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.3	25.9
71	33.1	28.0	42.0

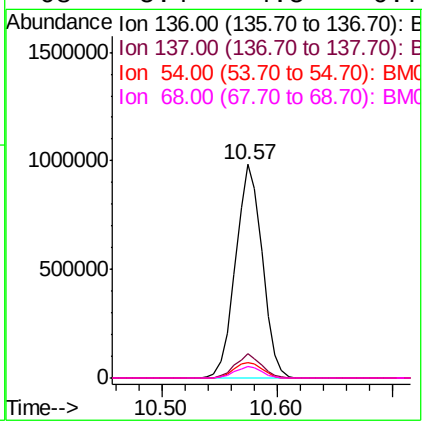


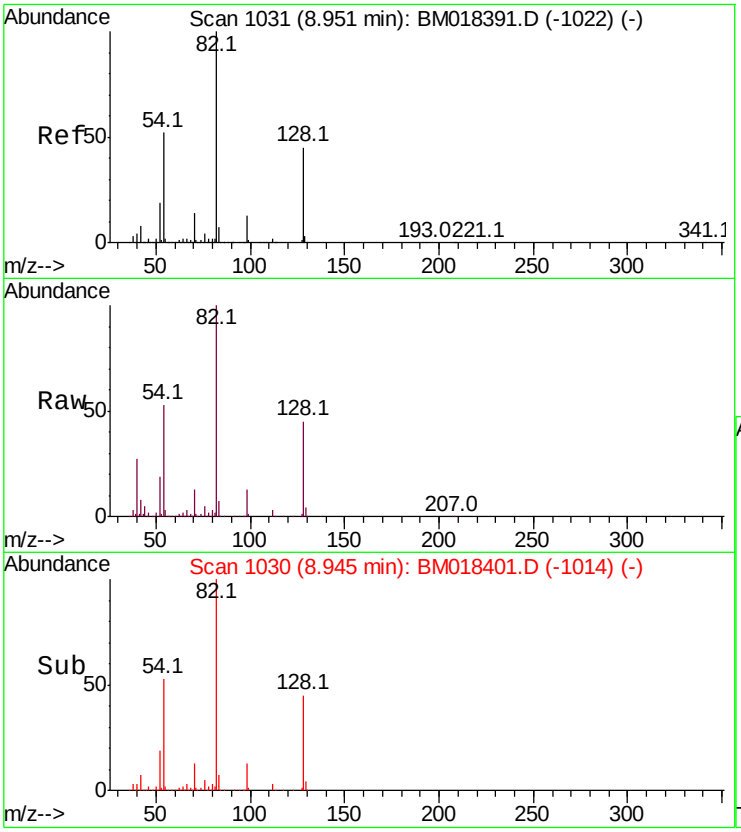


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Tgt Ion:136 Resp: 1571882

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.4	6.0	9.0
68	5.4	4.5	6.7



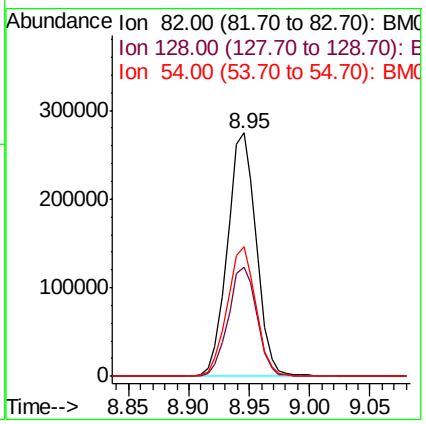


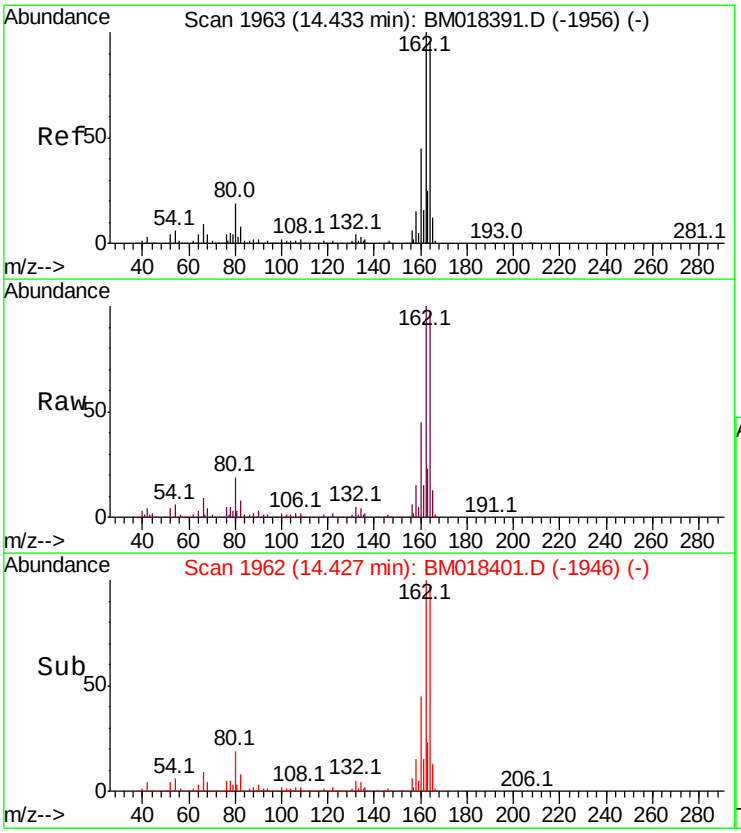
#23
Nitrobenzene-d5
Concen: 16.748 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Instrument :
BNA_M
ClientSampleId :
381128111-2

Tgt Ion: 82 Resp: 458687

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	53.4	41.7	62.5

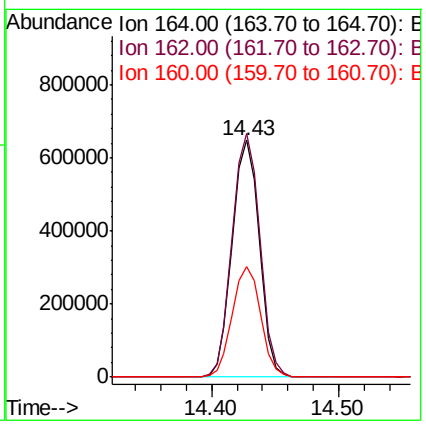


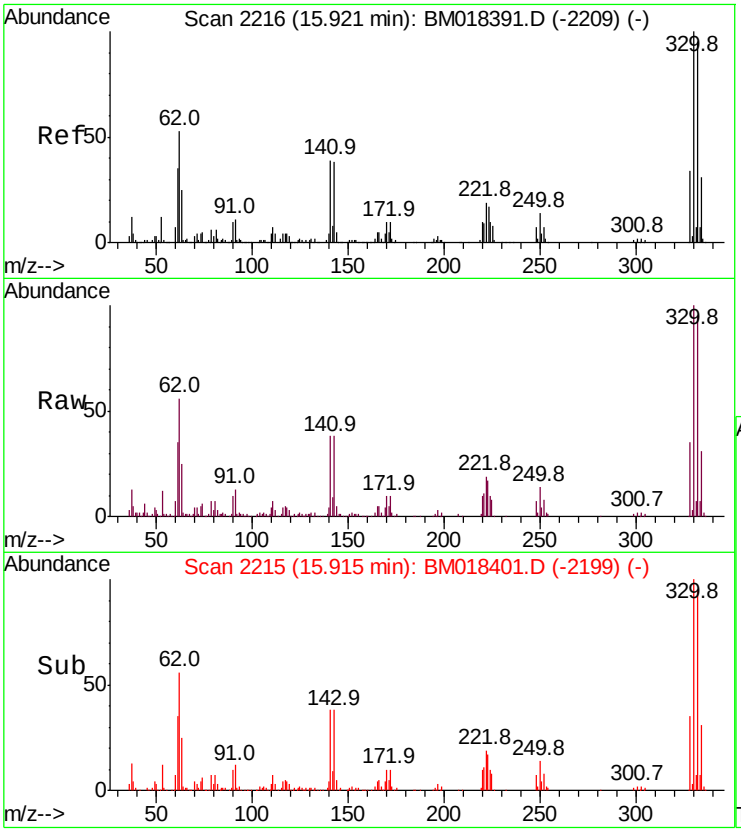


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Tgt Ion:164 Resp: 957901

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.4
160	46.5	37.1	55.7



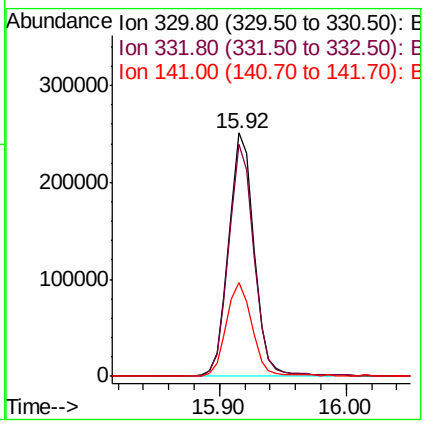


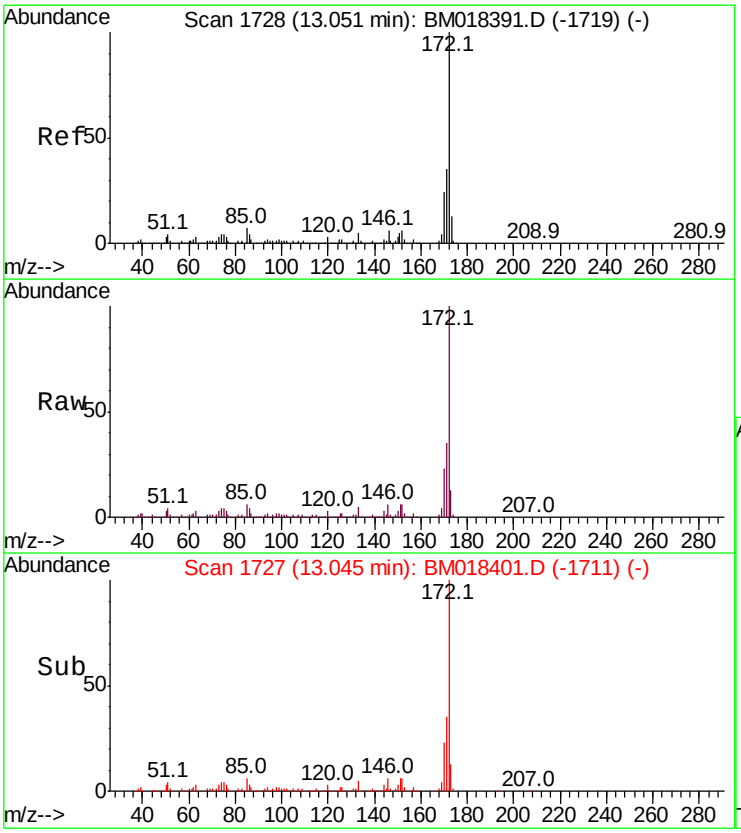
#42
2,4,6-Tribromophenol
Concen: 28.646 ng
RT: 15.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Instrument :
BNA_M
ClientSampleId :
381128111-2

Tgt Ion:330 Resp: 348655

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.6	116.4
141	39.0	31.7	47.5

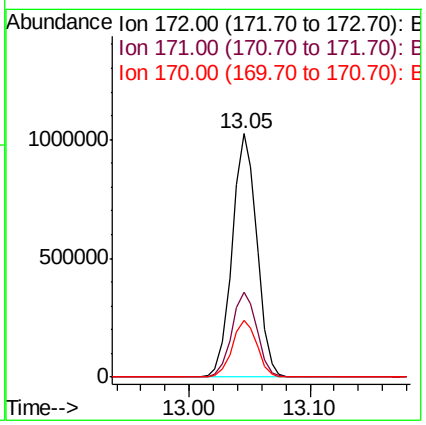


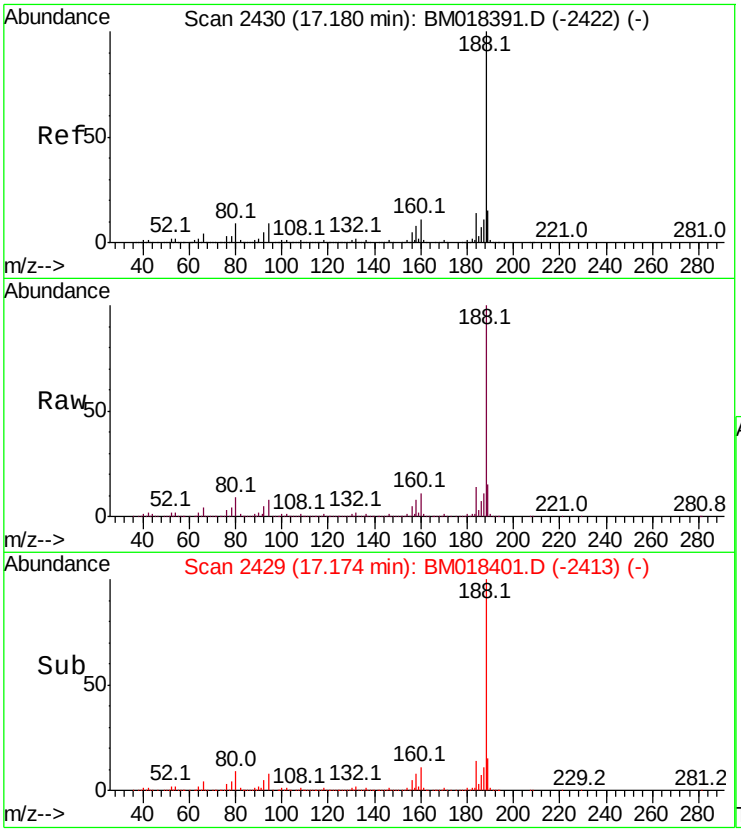


#45
2-Fluorobiphenyl
Concen: 20.598 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Tgt Ion:172 Resp: 1456839

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.5	18.9	28.3



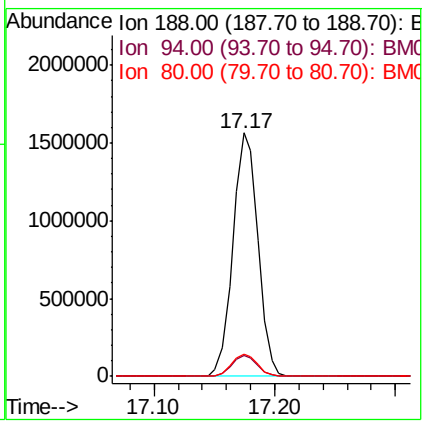


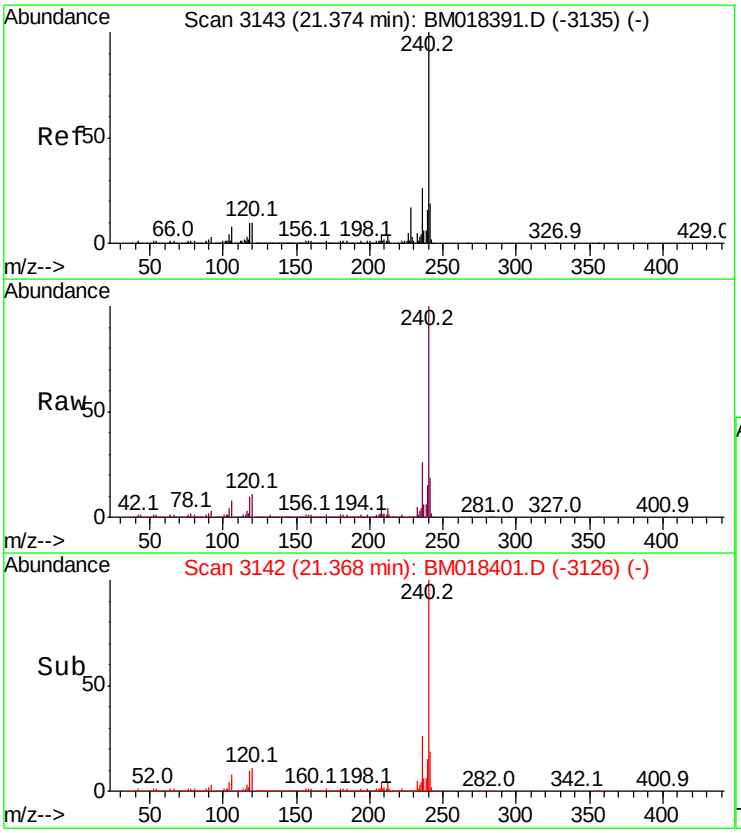
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Instrument :
BNA_M
ClientSampleId :
381128111-2

Tgt Ion:188 Resp: 2257102

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.3	7.6	11.4

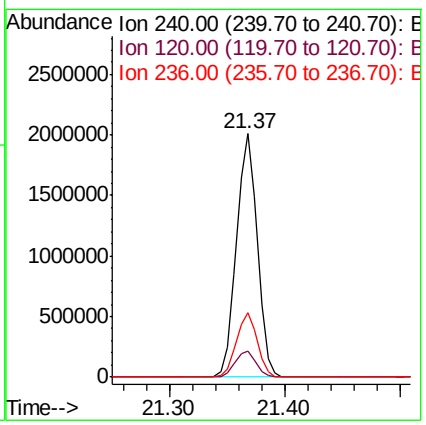


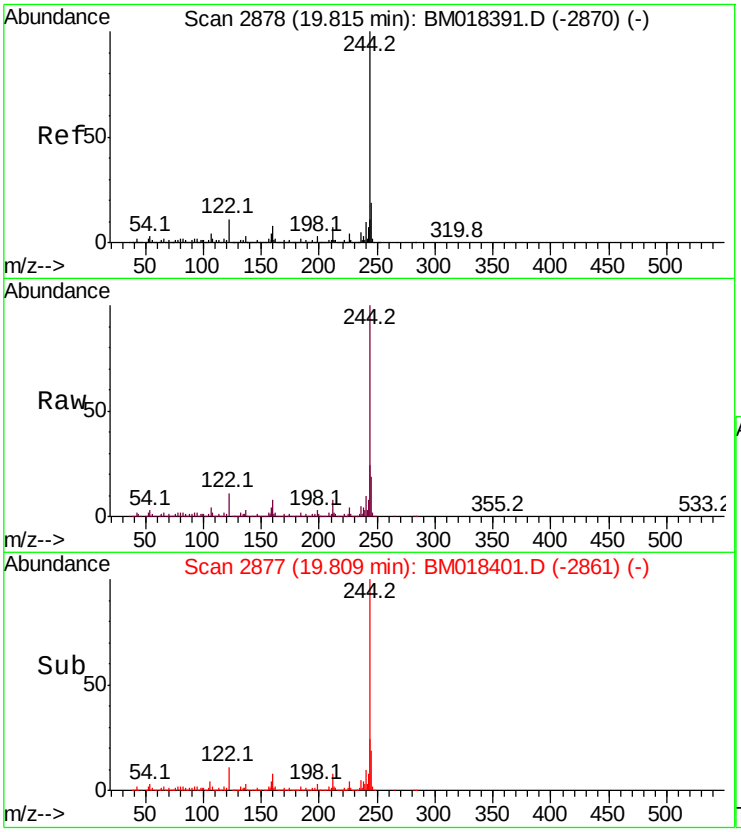


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Tgt Ion:240 Resp: 2508088

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	26.5	20.7	31.1



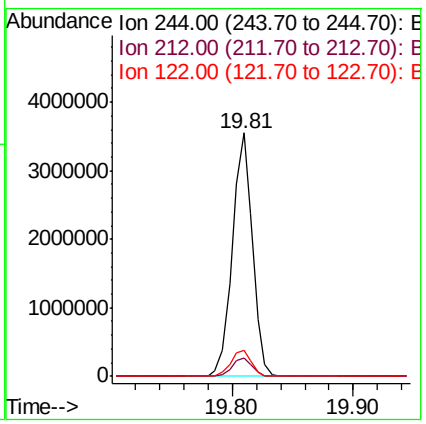


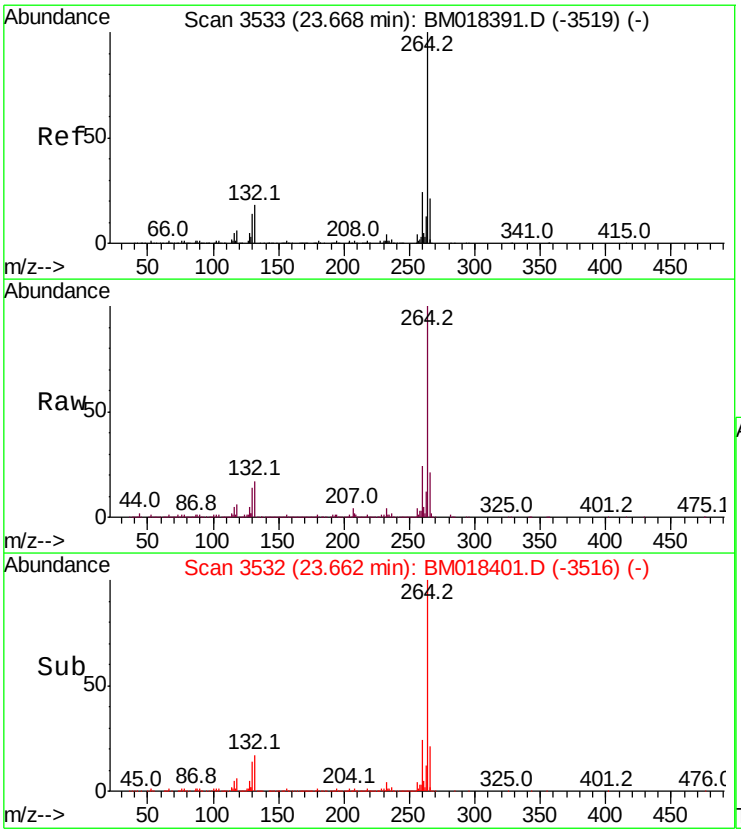
#79
Terphenyl-d14
Concen: 34.841 ng
RT: 19.81 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Instrument :
BNA_M
ClientSampleId :
381128111-2

Tgt Ion:244 Resp: 4100845

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018401.D
Acq: 27 Dec 2018 18:05

Tgt Ion:264 Resp: 2574876

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.2	16.8	25.2