Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017856.D
Acq On : 01 Dec 2018 14:44
Operator : JU/SJ
Sample : J6134-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FB-1

Quant Time: Dec 03 00:17:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	222470	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	958919	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	546964	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1082883	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	804114	20.00	ng	-0.03
87) Perylene-d12	23.37	264	795020	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	664575	50.41	ng	-0.03
7) Phenol-d6	6.77	99	532681	28.93	ng	-0.04
23) Nitrobenzene-d5	8.74	82	1353119	72.85	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	765212	97.37	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	3029697	71.86	ng	-0.04
79) Terphenyl-d14	19.63	244	3541065	99.81	ng	-0.02
Target Compounds						Qvalue

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

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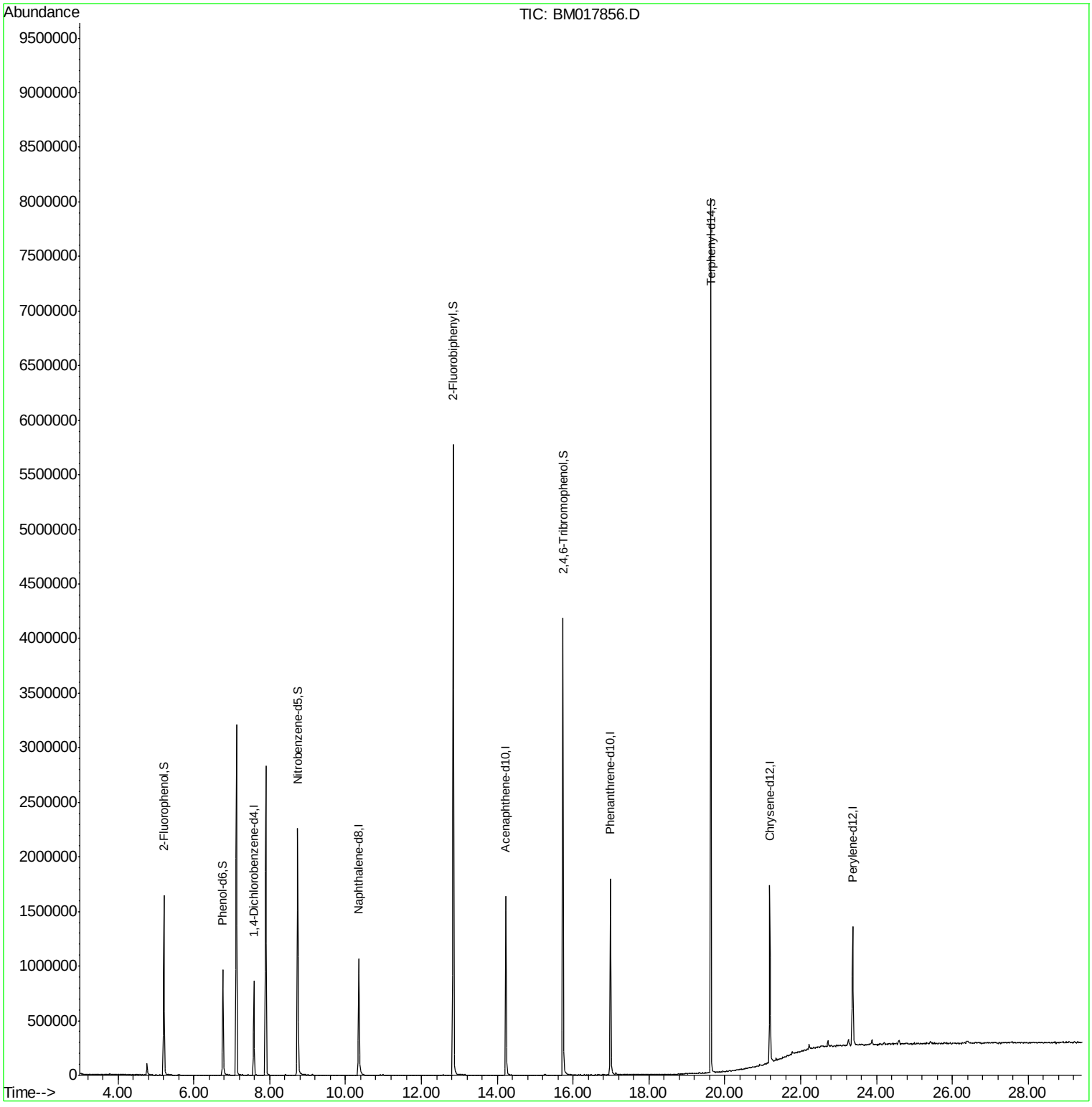
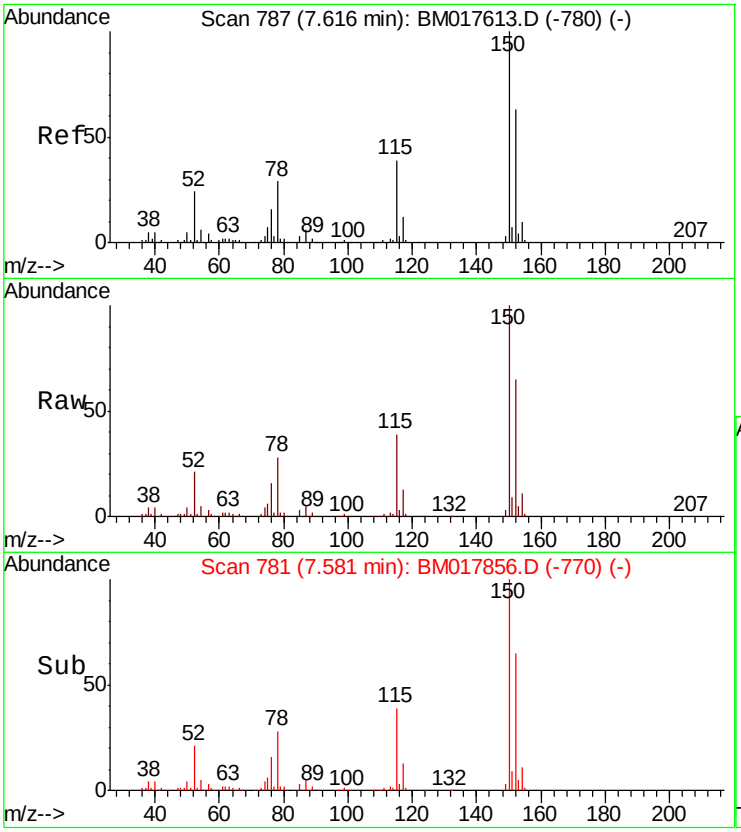


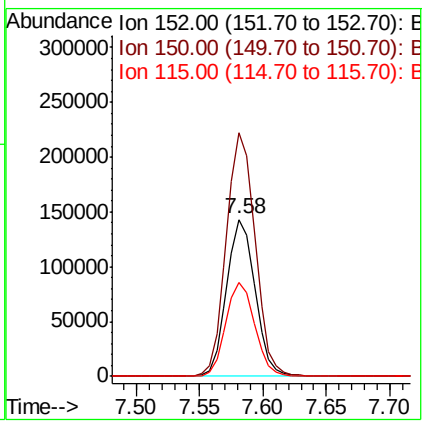


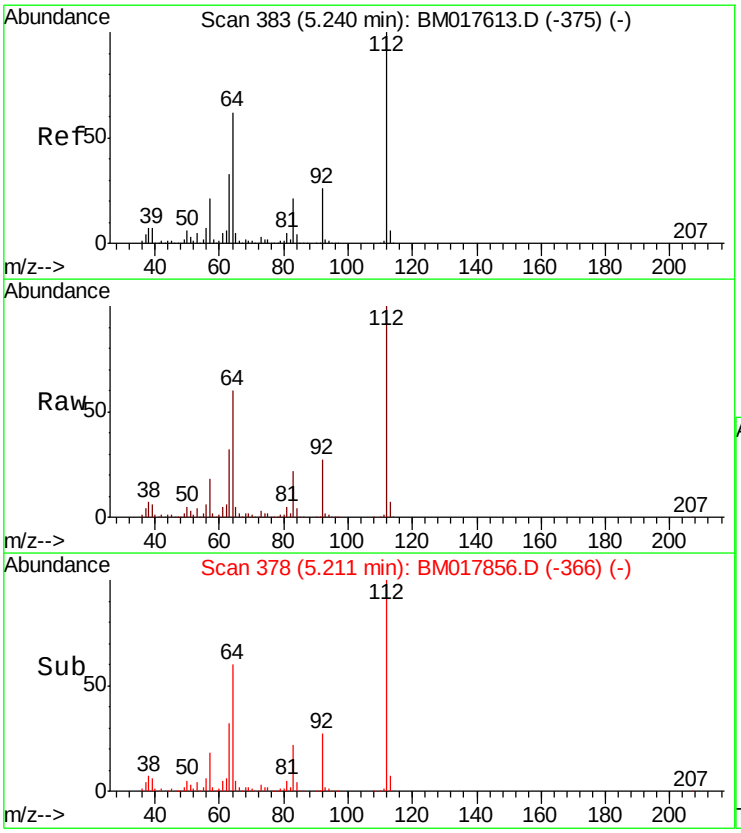
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Instrument :
BNA_M
ClientSampleId :
FB-1

Tgt Ion:152 Resp: 222470

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.4	189.6
115	60.2	49.4	74.0

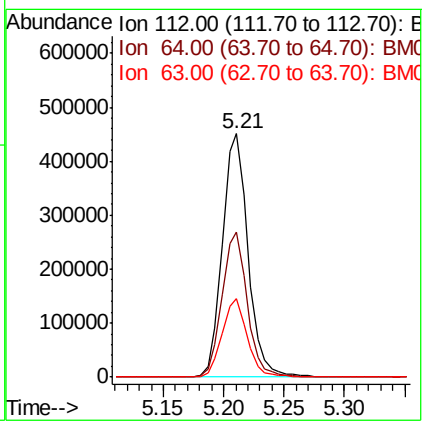


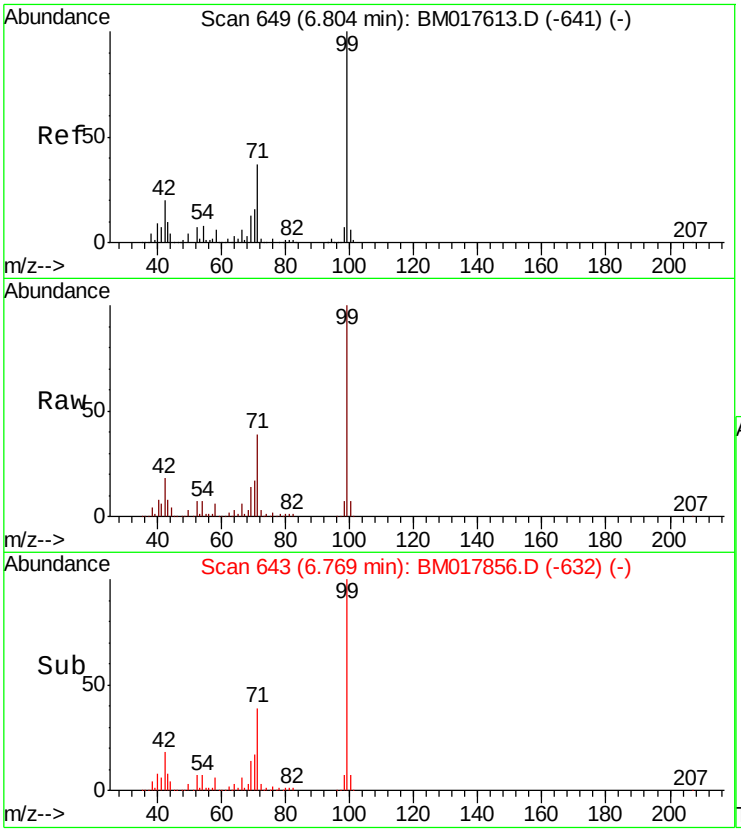


#5
2-Fluorophenol
Concen: 50.414 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Tgt Ion:112 Resp: 664575

Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.3	73.9
63	32.3	26.2	39.4



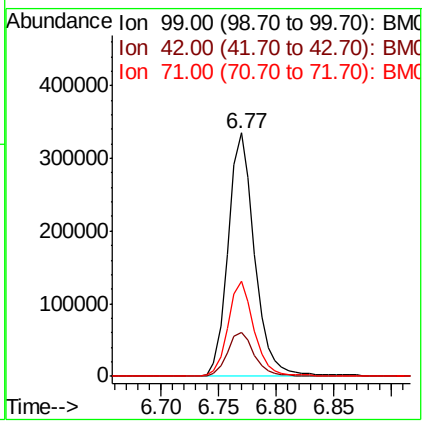


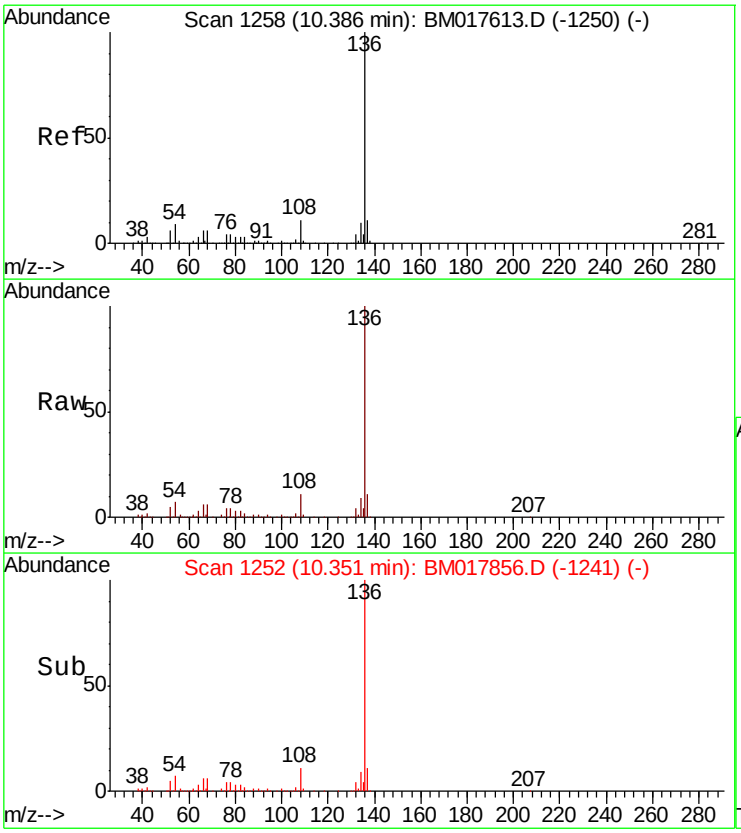
#7
Phenol-d6
Concen: 28.933 ng
RT: 6.77 min Scan# 643
Delta R.T. -0.04 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Instrument :
BNA_M
ClientSampleId :
FB-1

Tgt Ion: 99 Resp: 532681

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.3	24.5
71	38.9	29.8	44.8

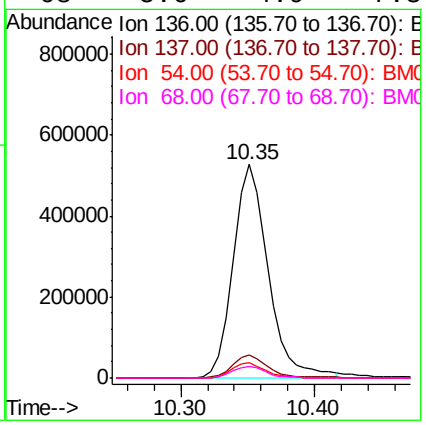


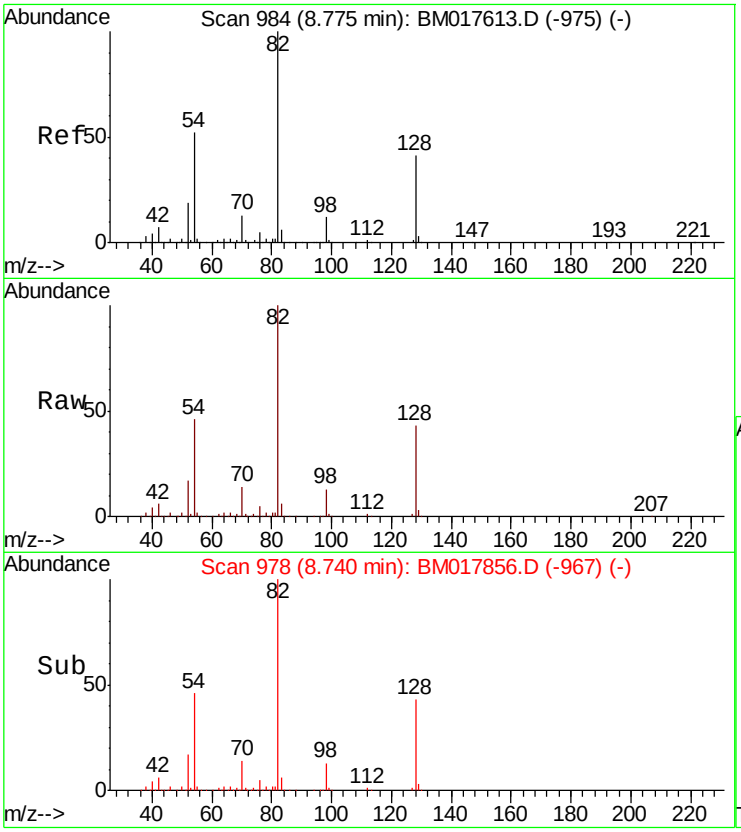


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Tgt Ion:136 Resp: 958919

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.0	7.0	10.6#
68	5.6	4.9	7.3



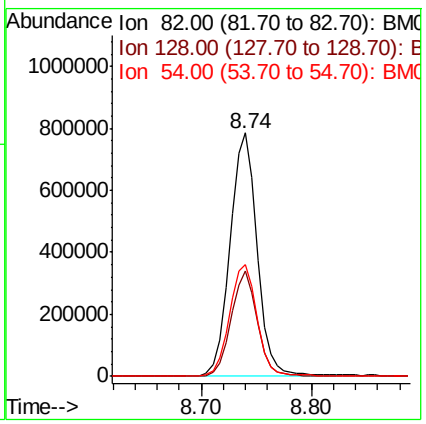


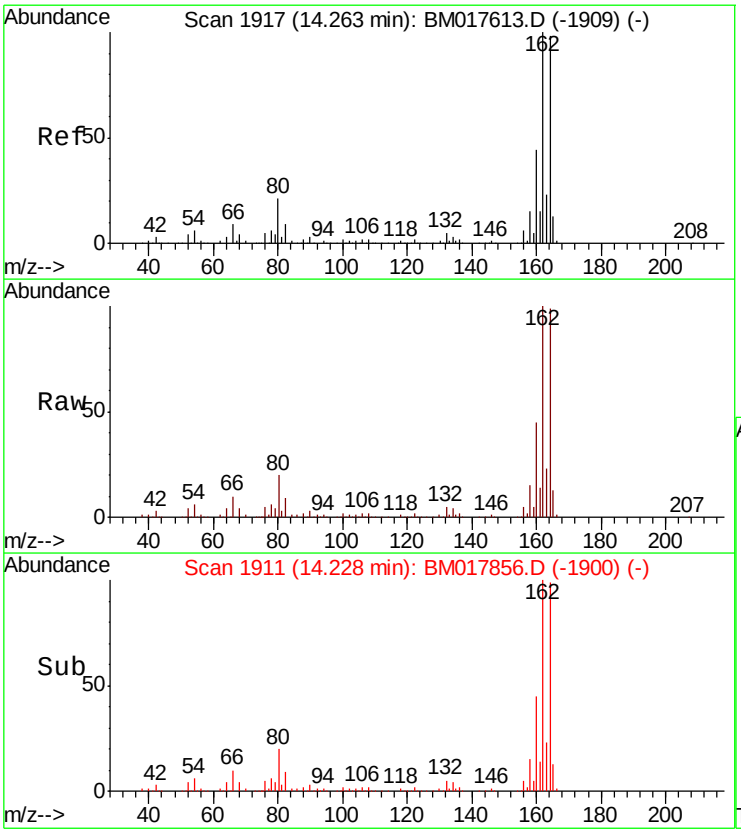
#23
Nitrobenzene-d5
Concen: 72.848 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Instrument :
BNA_M
ClientSampleId :
FB-1

Tgt Ion: 82 Resp: 1353119

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	46.1	41.4	62.2

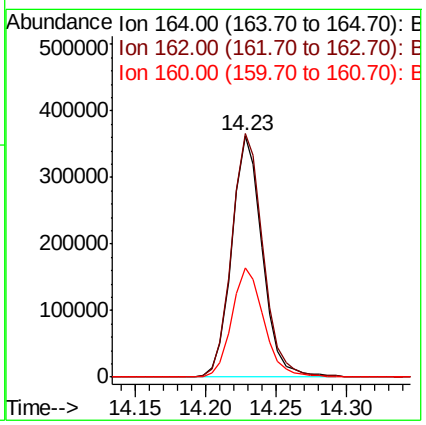


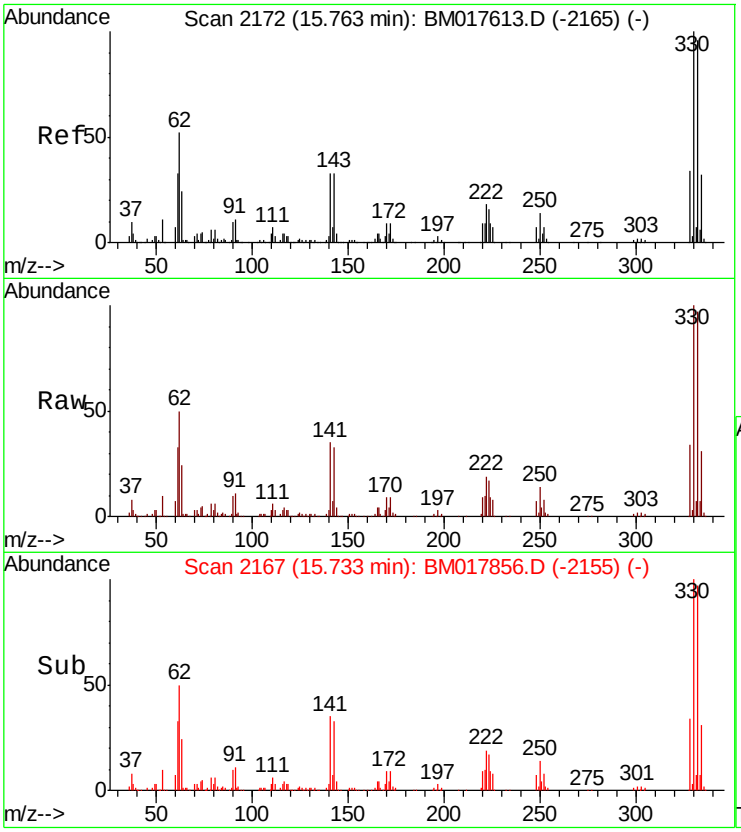


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Tgt Ion:164 Resp: 546964

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	45.4	35.6	53.4



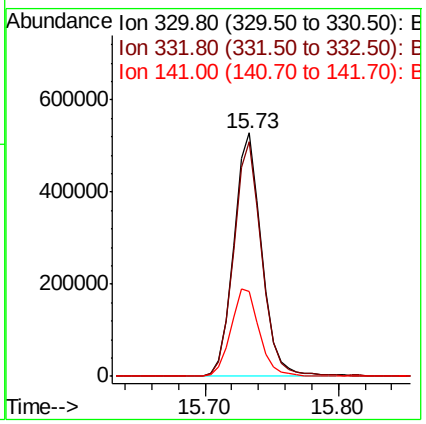


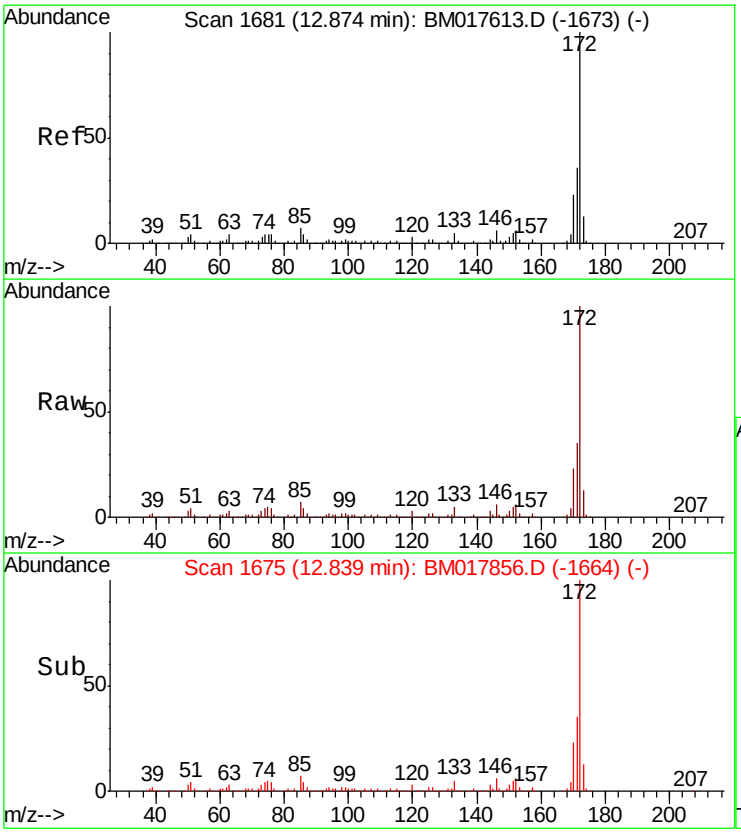
#42
2,4,6-Tribromophenol
Concen: 97.366 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Instrument :
BNA_M
ClientSampleId :
FB-1

Tgt Ion:330 Resp: 765212

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	36.7	27.5	41.3

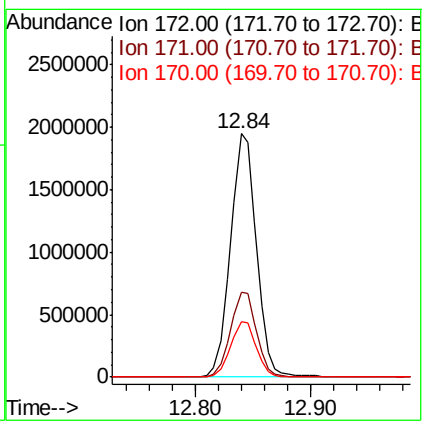


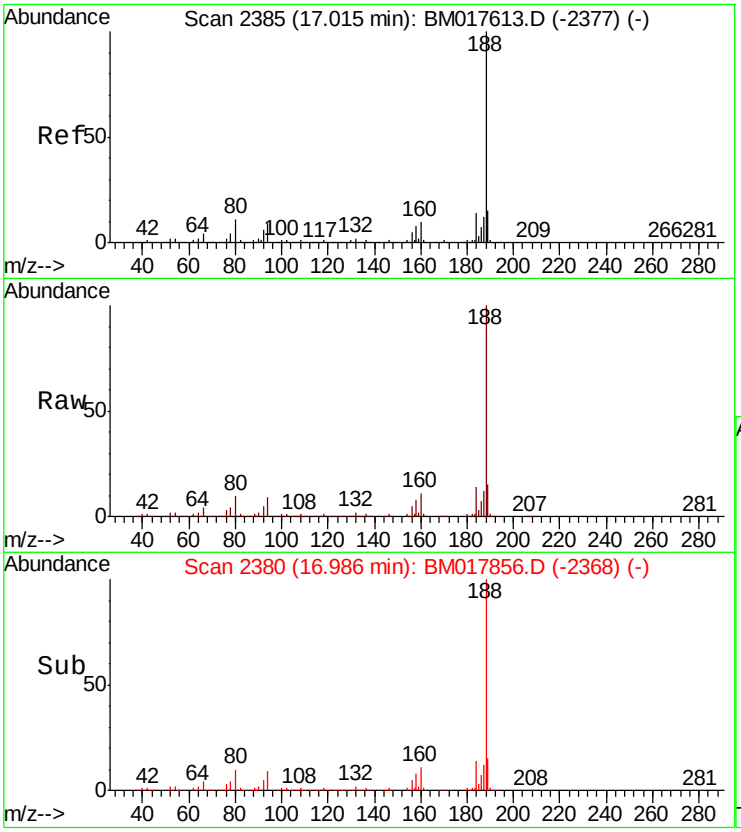


#45
2-Fluorobiphenyl
Concen: 71.861 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Tgt Ion:172 Resp: 3029697

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	22.9	18.3	27.5



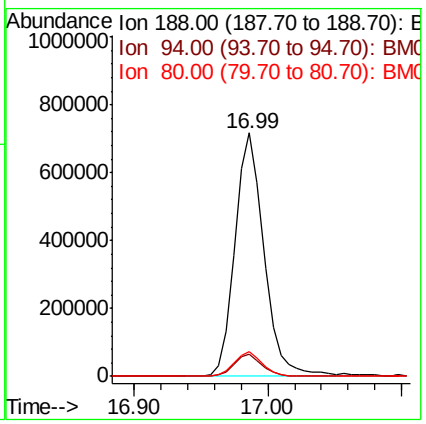


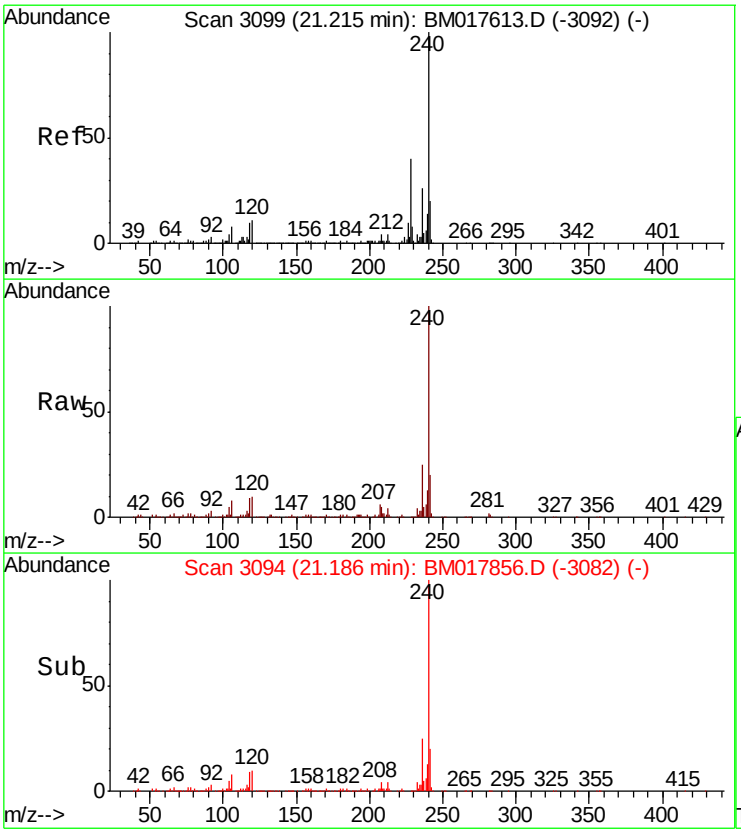
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Instrument :
BNA_M
ClientSampleId :
FB-1

Tgt Ion:188 Resp: 1082883

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	10.0	8.6	13.0

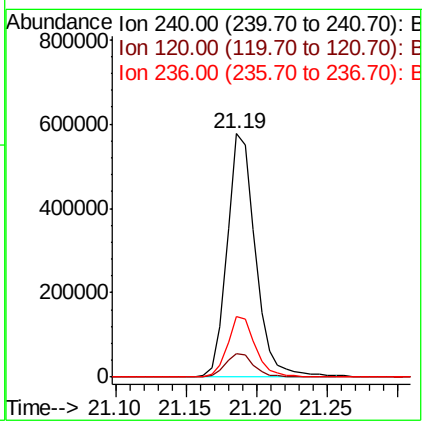


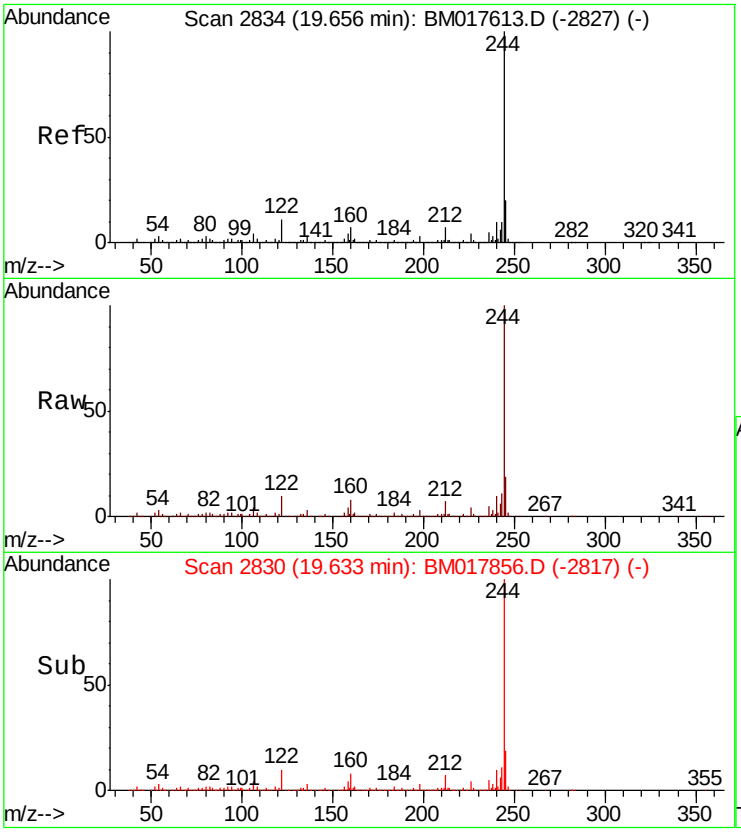


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Tgt Ion:240 Resp: 804114

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	24.8	20.4	30.6



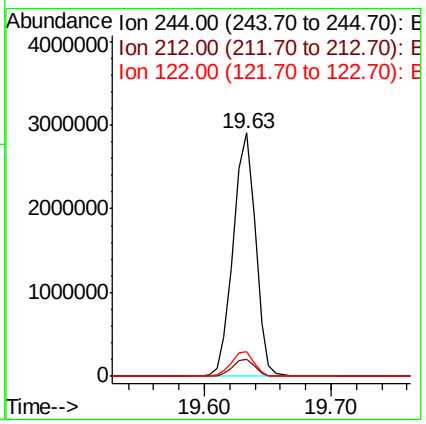


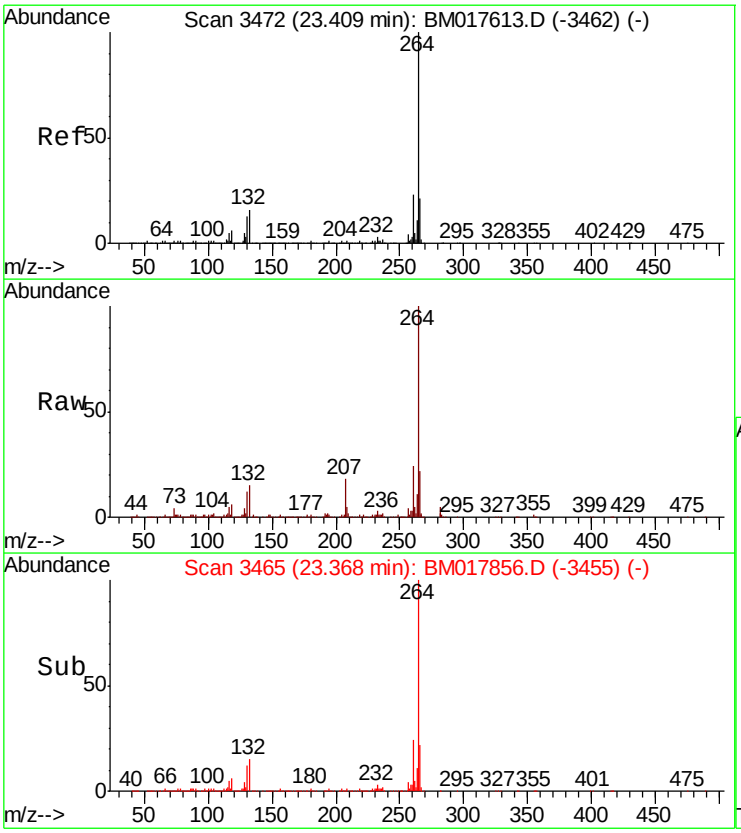
#79
Terphenyl-d14
Concen: 99.806 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Instrument :
BNA_M
ClientSampleId :
FB-1

Tgt Ion:244 Resp: 3541065

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.3	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.04 min
Lab File: BM017856.D
Acq: 01 Dec 2018 14:44

Tgt Ion:264 Resp: 795020

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	22.1	17.5	26.3