Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017938.D
Acq On : 05 Dec 2018 17:01
Operator : JU/SJ
Sample : J6194-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-02-120418-A

Quant Time: Dec 06 00:34:03 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	7.57	152	156519	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	581862	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	302152	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	607175	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	607215	20.00	ng	-0.04
87) Perylene-d12	23.36	264	634686	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	875909	94.44	ng	-0.04
7) Phenol-d6	6.76	99	988507	76.31	ng	-0.04
23) Nitrobenzene-d5	8.72	82	771673	68.47	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	453151	104.38	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1695168	72.78	ng	-0.05
79) Terphenyl-d14	19.62	244	2191406	81.79	ng	-0.04
Target Compounds						Qvalue

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

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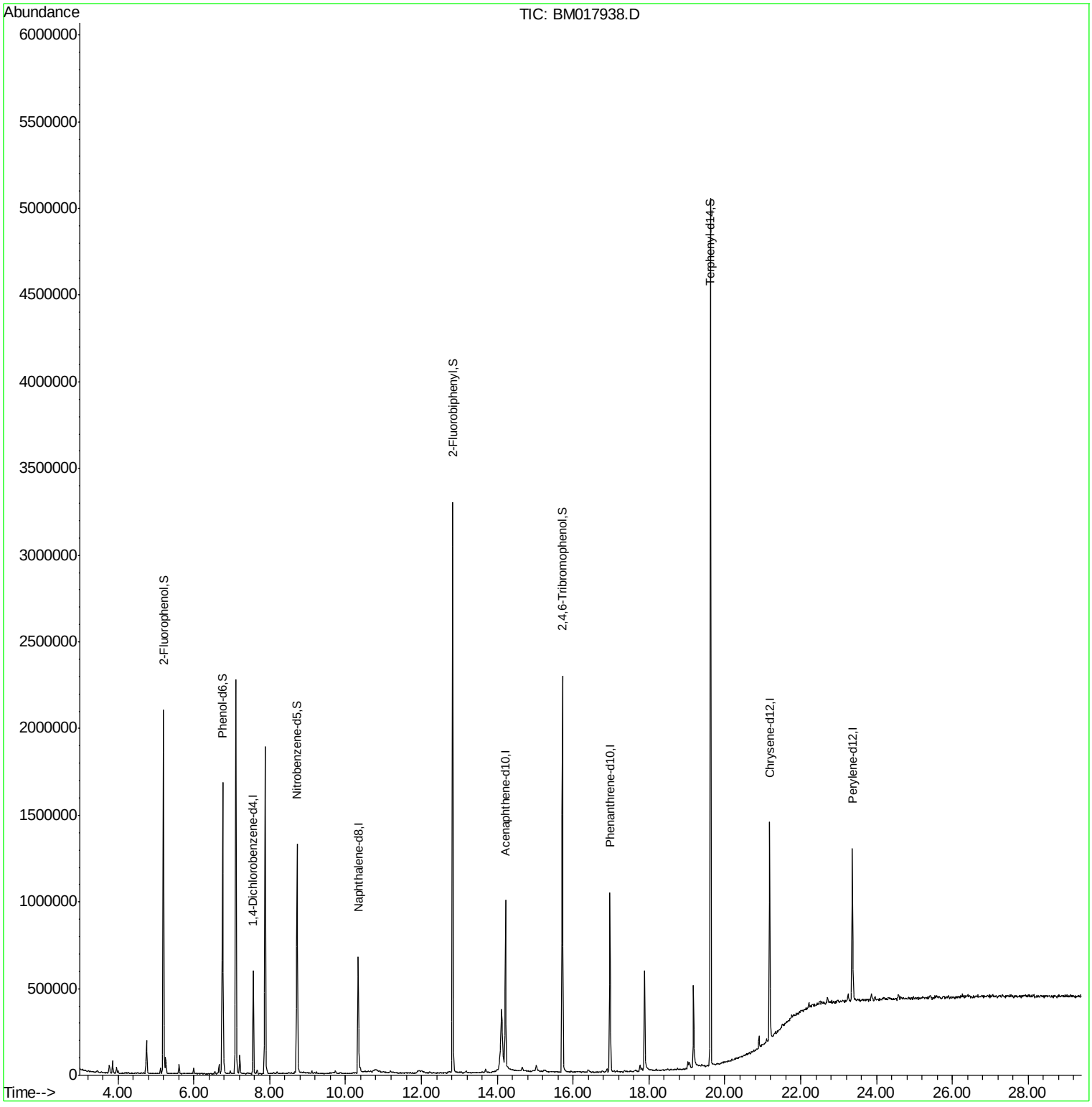
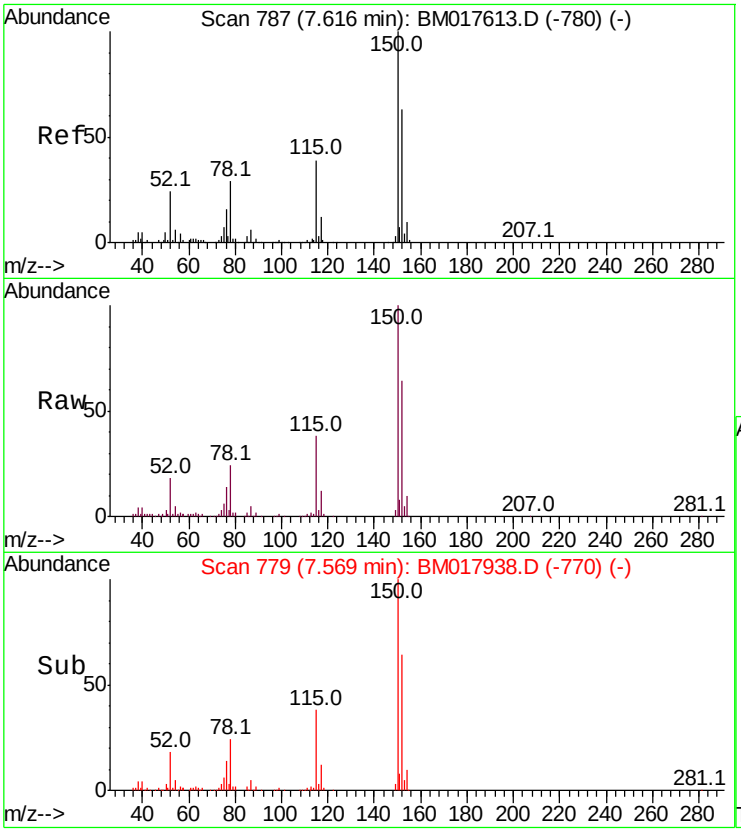


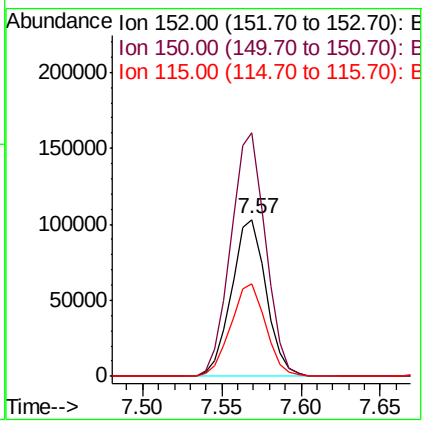


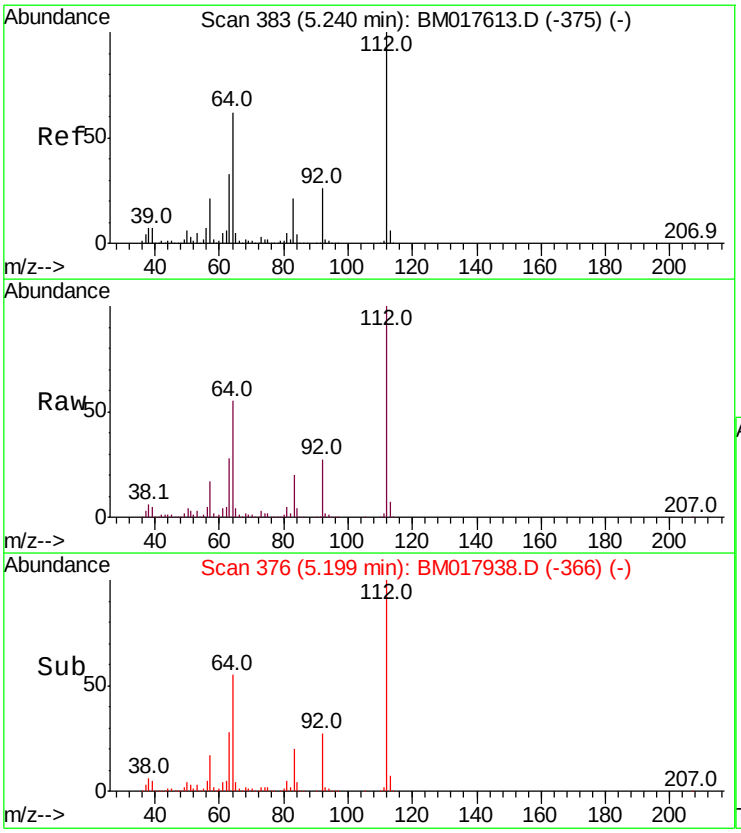
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.05 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-A

Tgt Ion:152 Resp: 156519

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.4	189.6
115	58.7	49.4	74.0

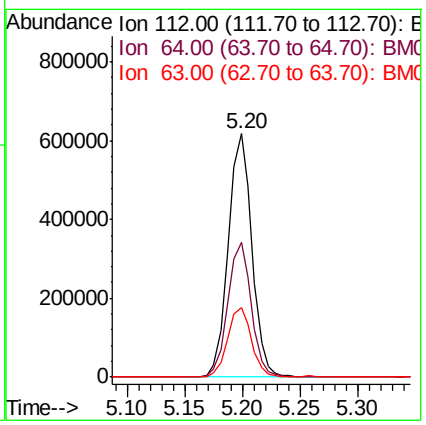


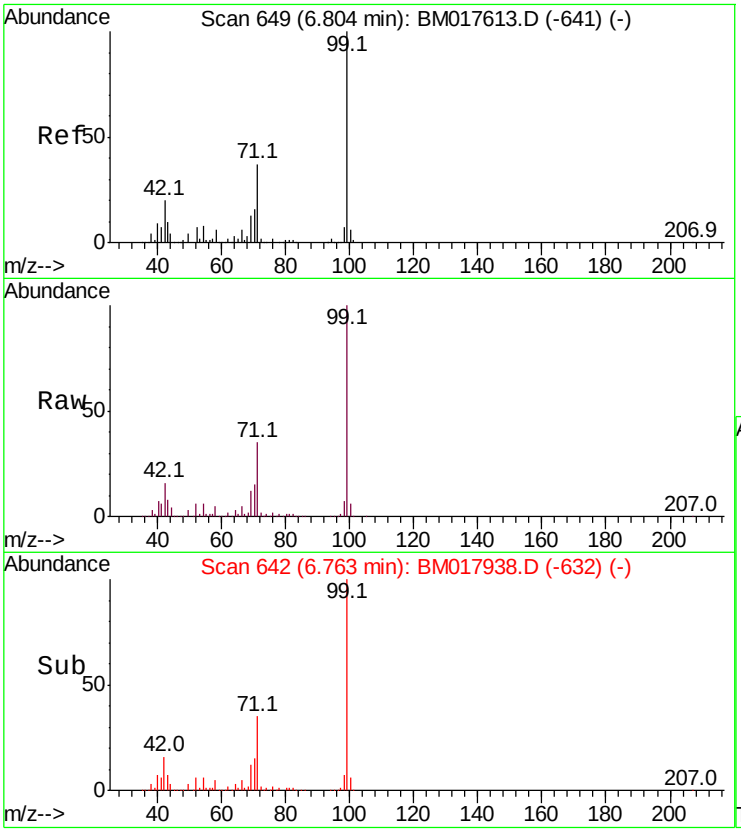


#5
2-Fluorophenol
Concen: 94.444 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:112 Resp: 875909

Ion	Ratio	Lower	Upper
112	100		
64	55.2	49.3	73.9
63	28.3	26.2	39.4



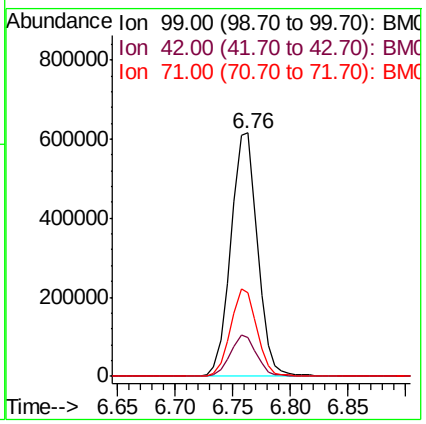


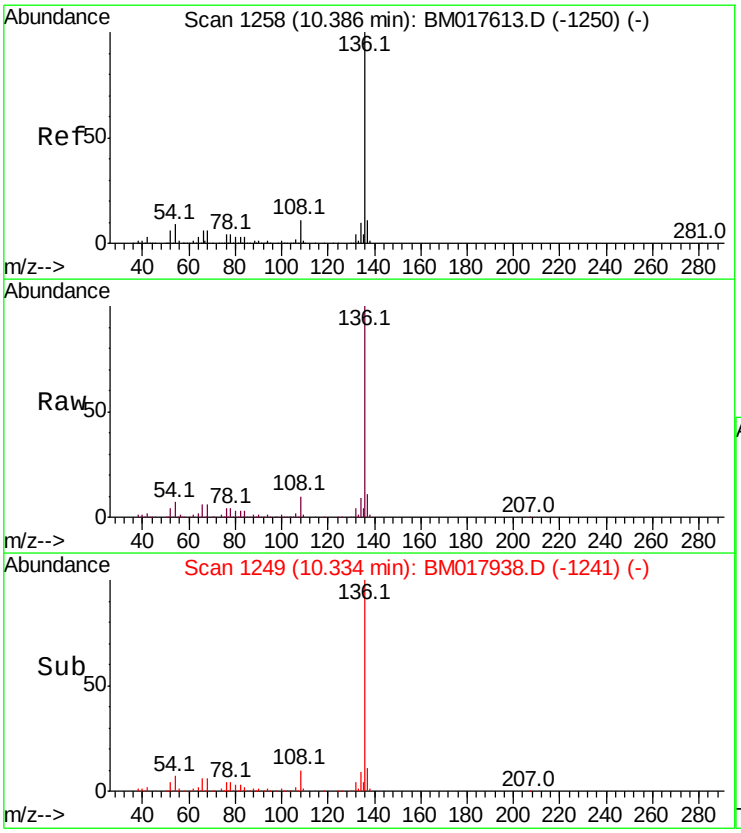
#7
Phenol-d6
Concen: 76.315 ng
RT: 6.76 min Scan# 642
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-A

Tgt Ion: 99 Resp: 988507

Ion	Ratio	Lower	Upper
99	100		
42	15.8	16.3	24.5#
71	34.5	29.8	44.8

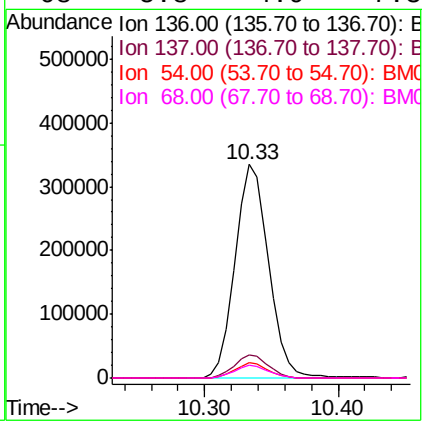


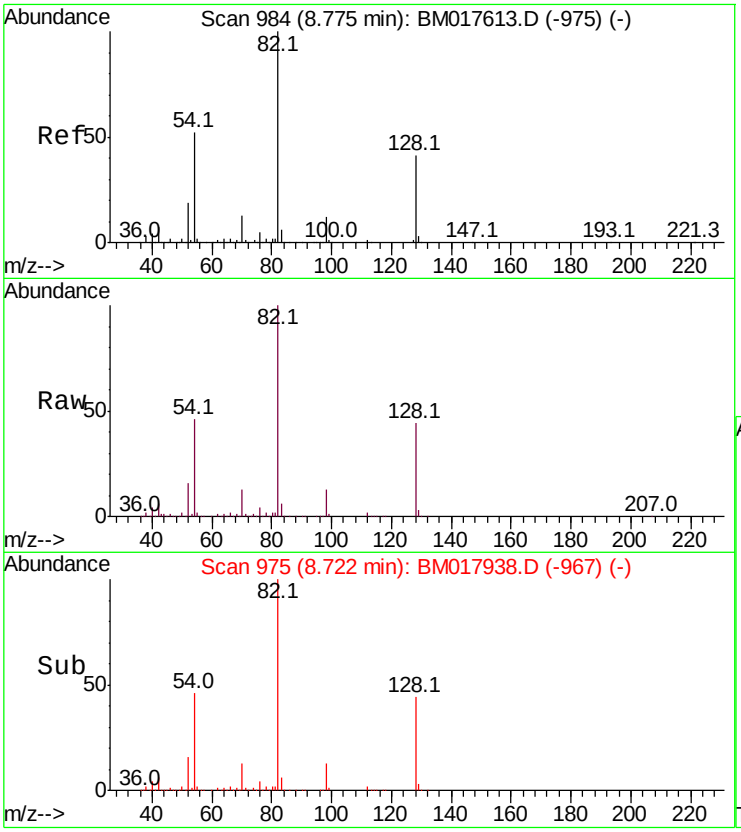


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:136 Resp: 581862

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.1	7.0	10.6
68	5.8	4.9	7.3



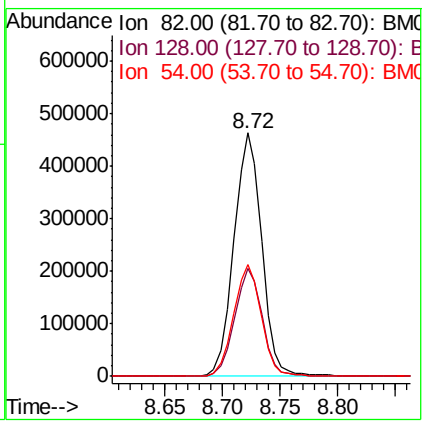


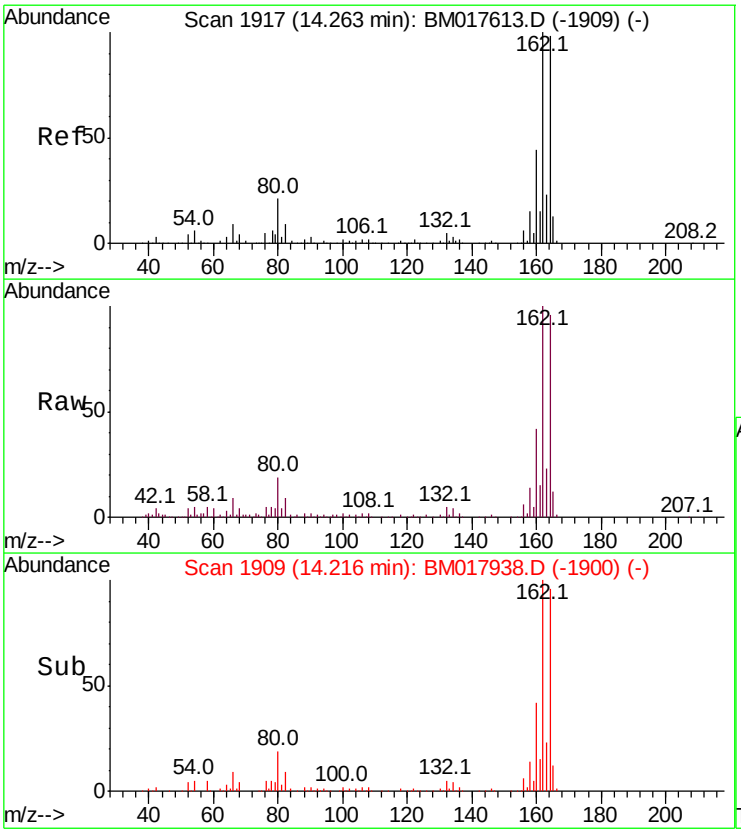
#23
Nitrobenzene-d5
Concen: 68.466 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.05 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-A

Tgt Ion: 82 Resp: 771673

Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.0	49.4
54	45.8	41.4	62.2

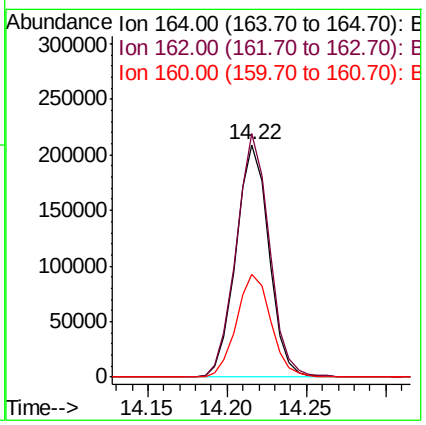


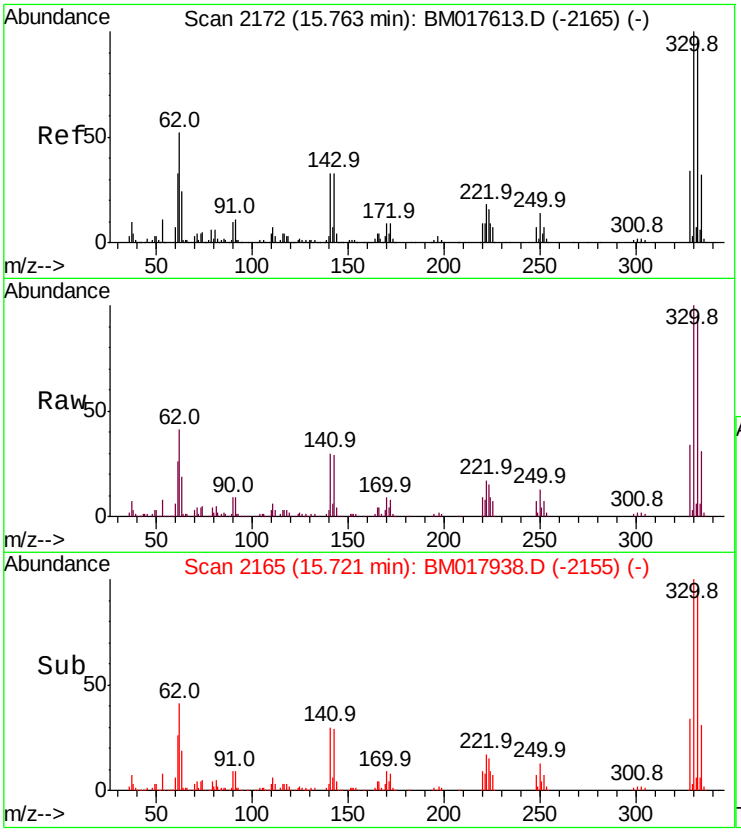


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.05 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:164 Resp: 302152

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.4	122.0
160	44.0	35.6	53.4



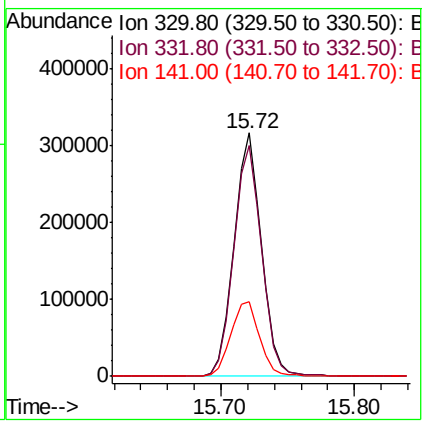


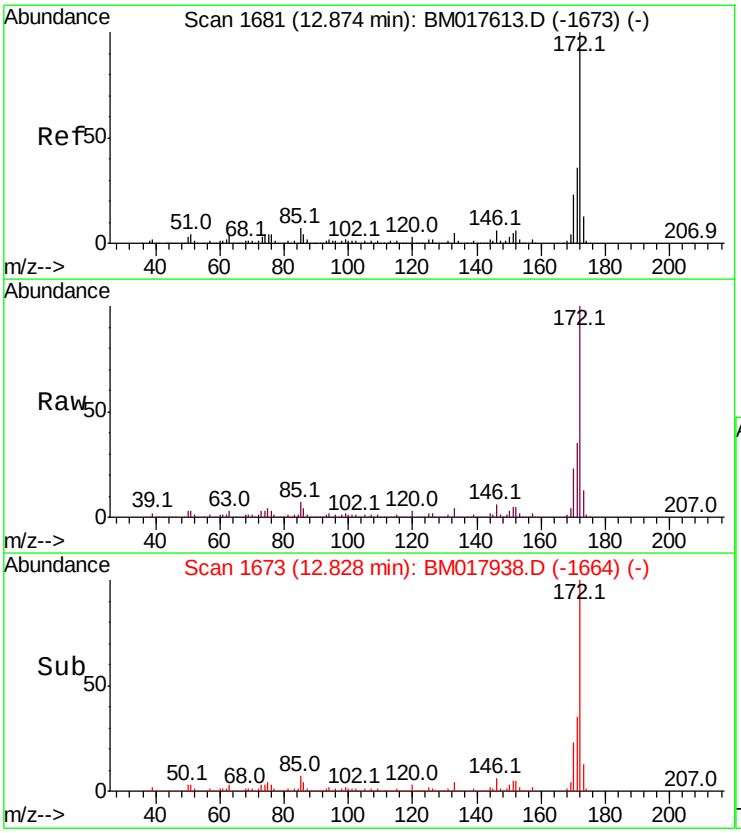
#42
2,4,6-Tribromophenol
Concen: 104.377 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-A

Tgt Ion:330 Resp: 453151

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.9	116.9
141	32.2	27.5	41.3

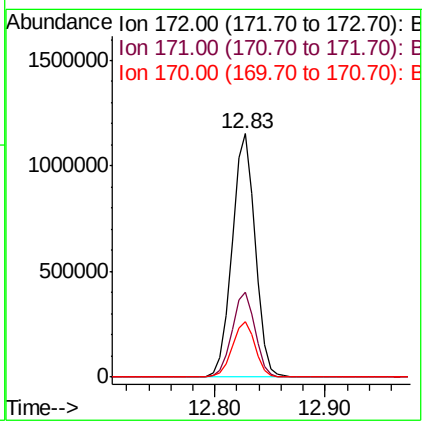


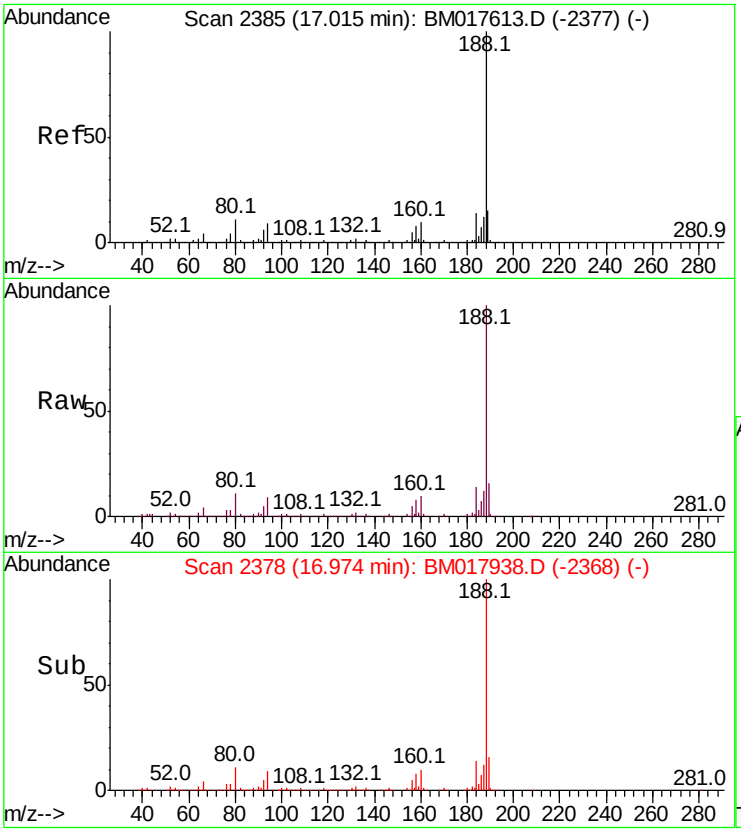


#45
2-Fluorobiphenyl
Concen: 72.785 ng
RT: 12.83 min Scan# 1673
Delta R.T. -0.05 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:172 Resp: 1695168

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.8	18.3	27.5



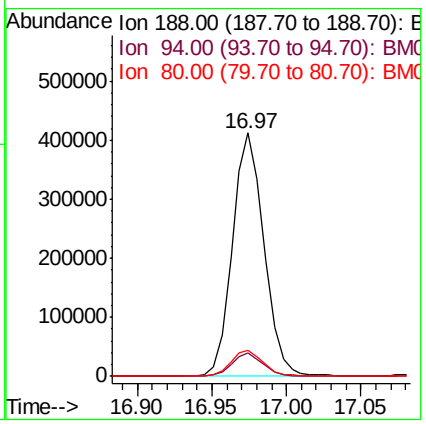


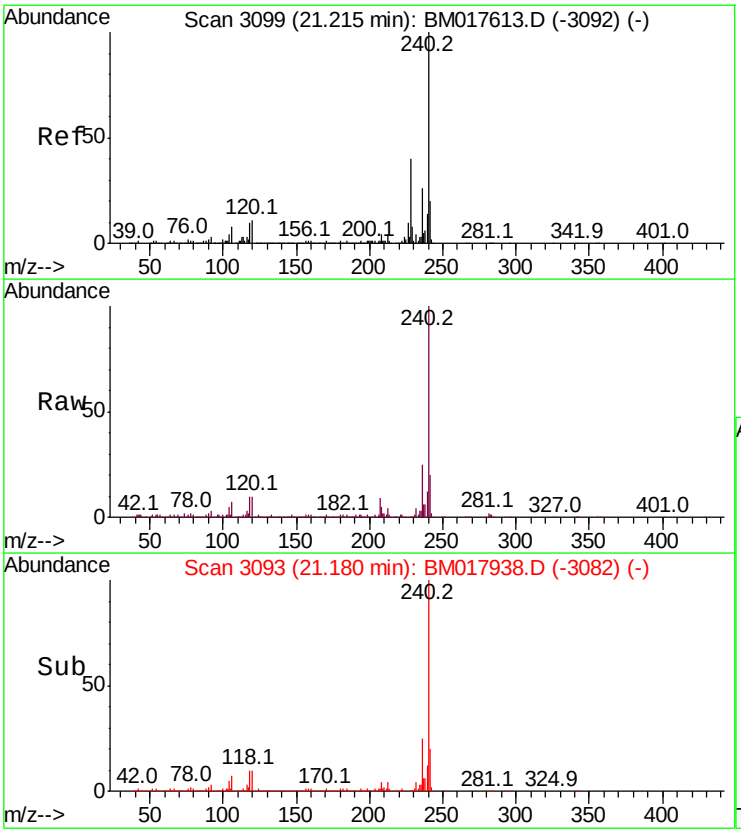
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-A

Tgt Ion:188 Resp: 607175

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.9	8.6	13.0

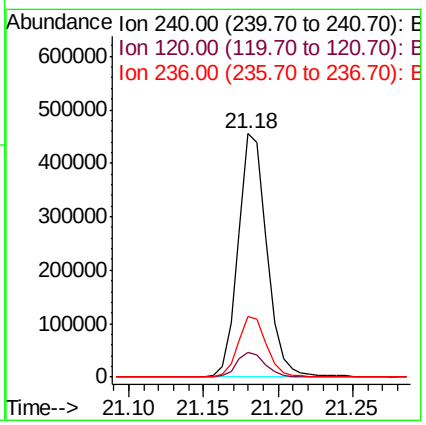


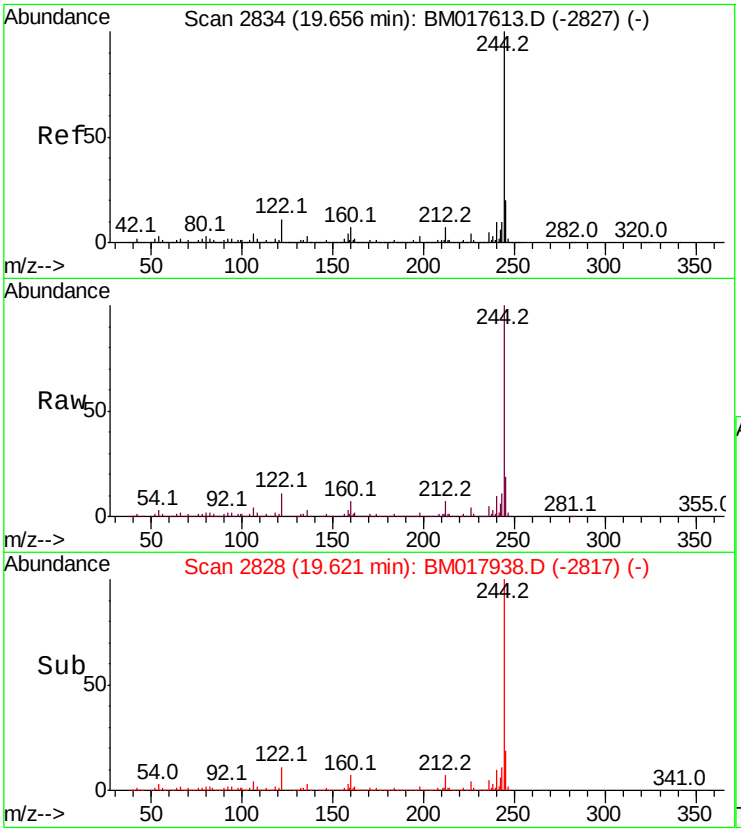


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:240 Resp: 607215

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.5	12.7
236	24.8	20.4	30.6



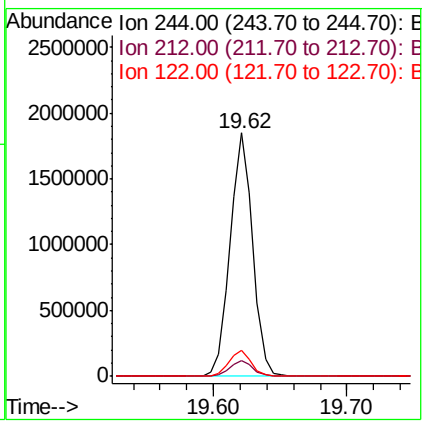


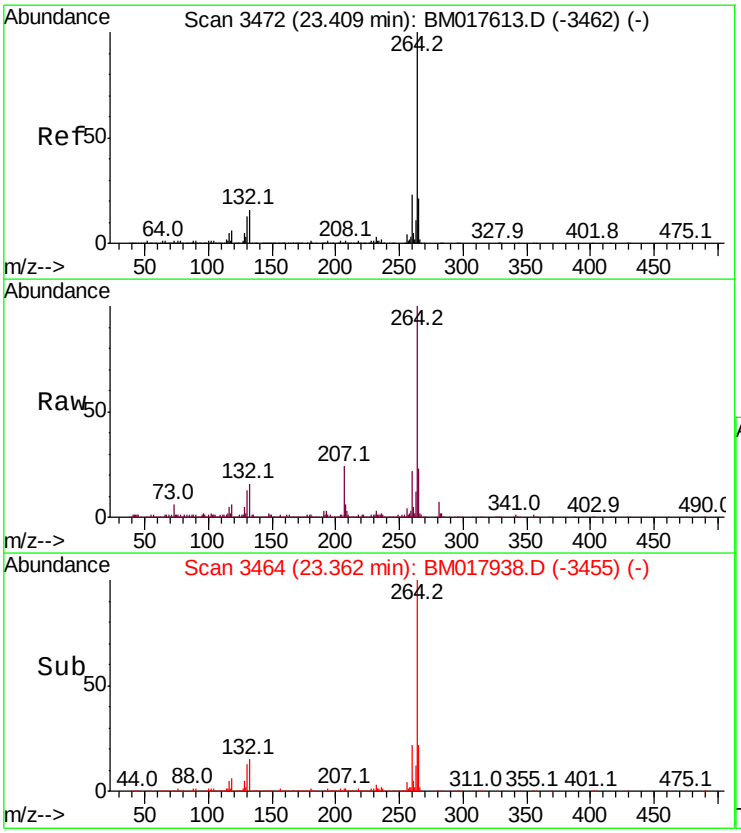
#79
Terphenyl-d14
Concen: 81.794 ng
RT: 19.62 min Scan# 2828
Delta R.T. -0.04 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Instrument :
BNA_M
ClientSampleId :
OK-02-120418-A

Tgt Ion:244 Resp: 2191406

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.6	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.05 min
Lab File: BM017938.D
Acq: 05 Dec 2018 17:01

Tgt Ion:264 Resp: 634686

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.2
265	22.9	17.5	26.3