Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016638.D
Acq On : 31 Aug 2018 15:26
Operator : SJ/JU
Sample : BL-TEST
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BL-TEST

Quant Time: Aug 31 17:24:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	71431	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	234898	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	170775	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	532798	20.00	ng	0.00
75) Chrysene-d12	21.53	240	668593	20.00	ng	0.00
86) Perylene-d12	23.81	264	750601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	439843	120.66	ng	0.00
7) Phenol-d6	7.18	99	539083	111.76	ng	0.00
23) Nitrobenzene-d5	9.19	82	467047	90.78	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	611686	128.13	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1479187	83.26	ng	0.00
78) Terphenyl-d14	19.97	244	3857042	122.10	ng	0.00
Target Compounds						Qvalue

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

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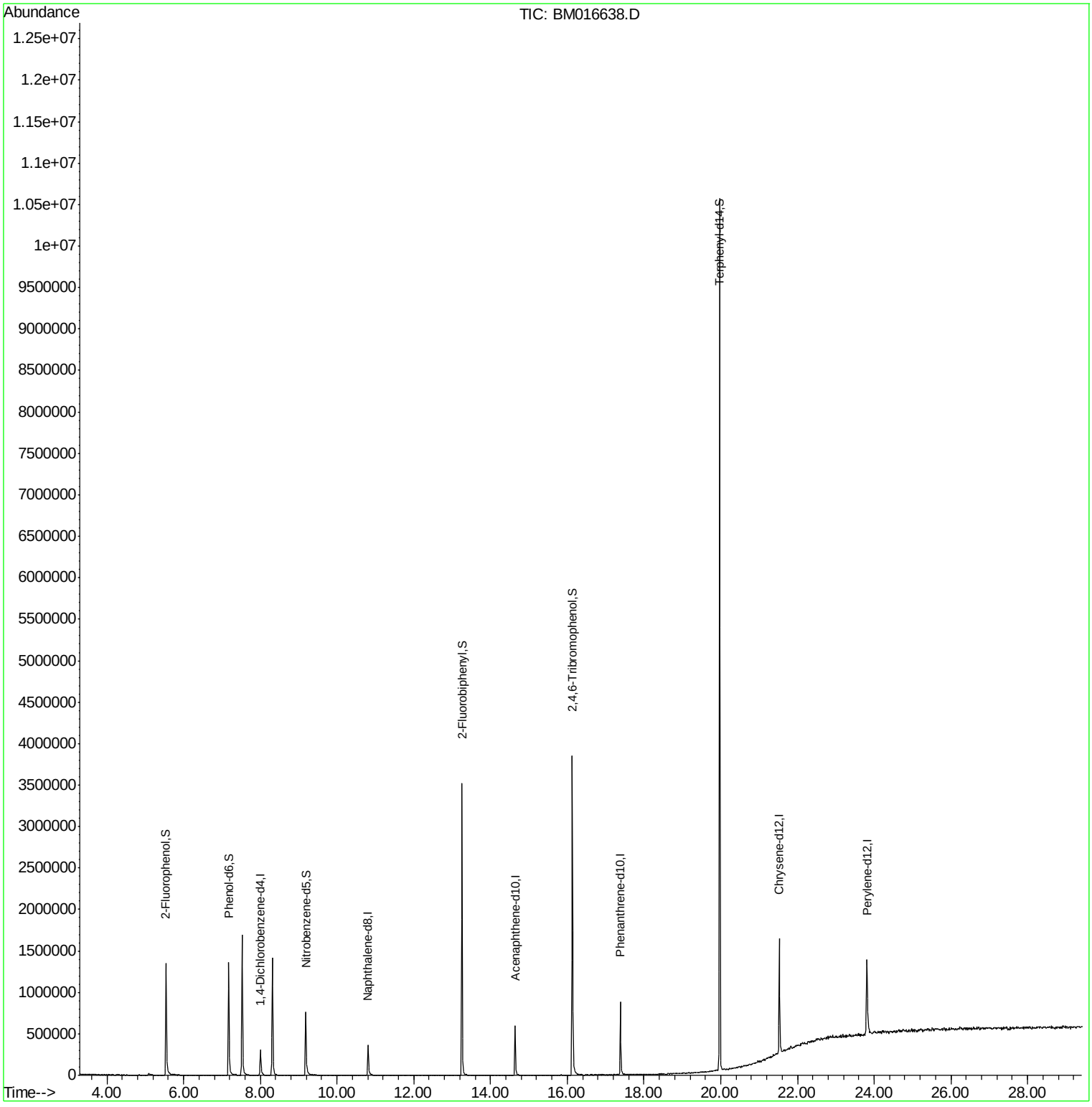
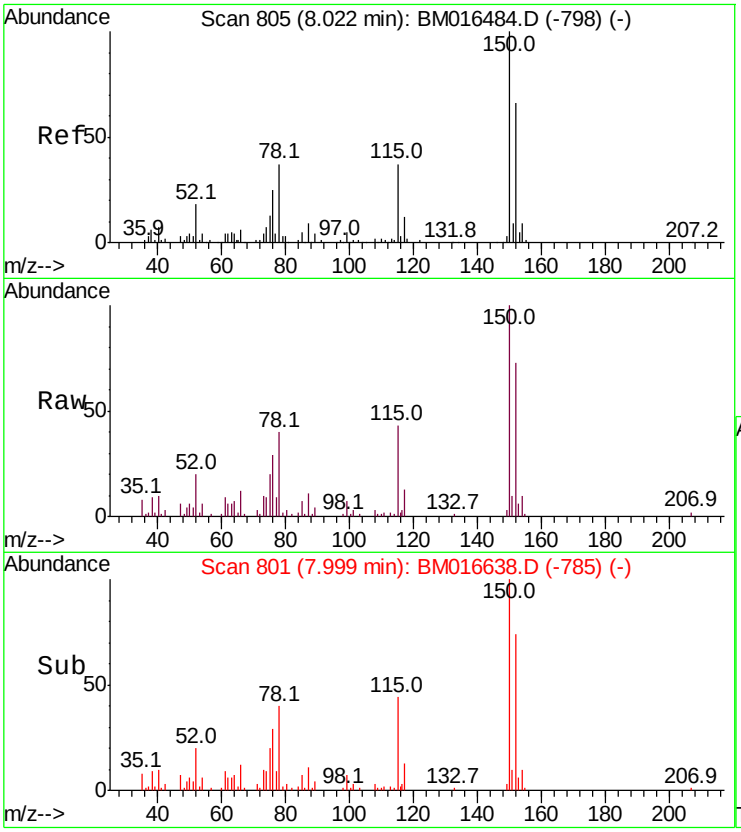


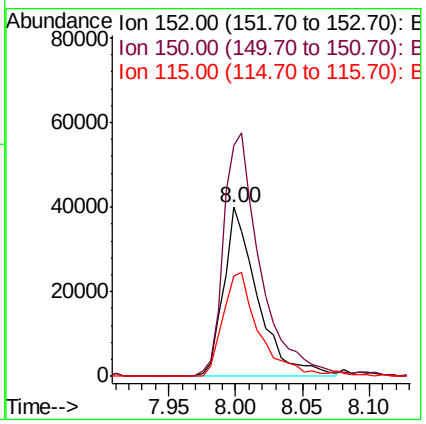


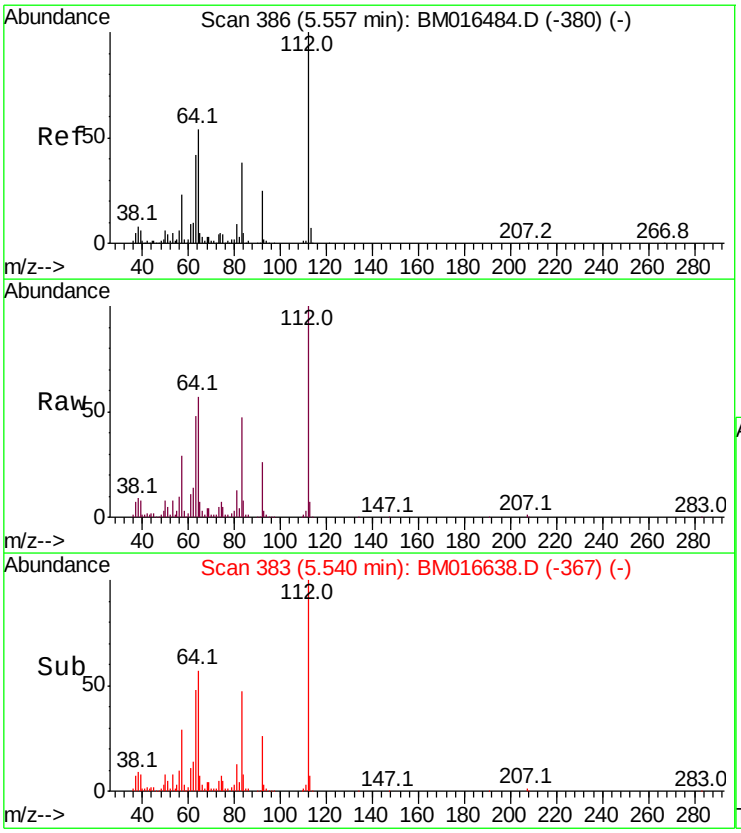
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Instrument :
BNA_M
ClientSampleId :
BL-TEST

Tgt Ion:152 Resp: 71431

Ion	Ratio	Lower	Upper
152	100		
150	136.6	119.5	179.3
115	59.0	43.0	64.4

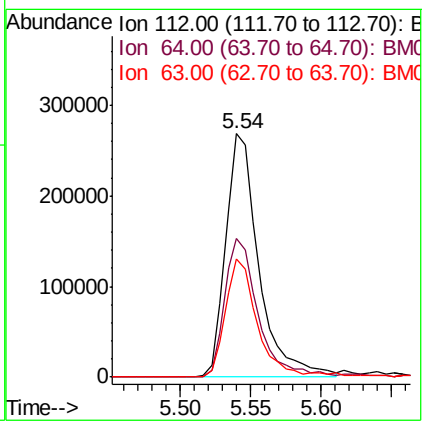


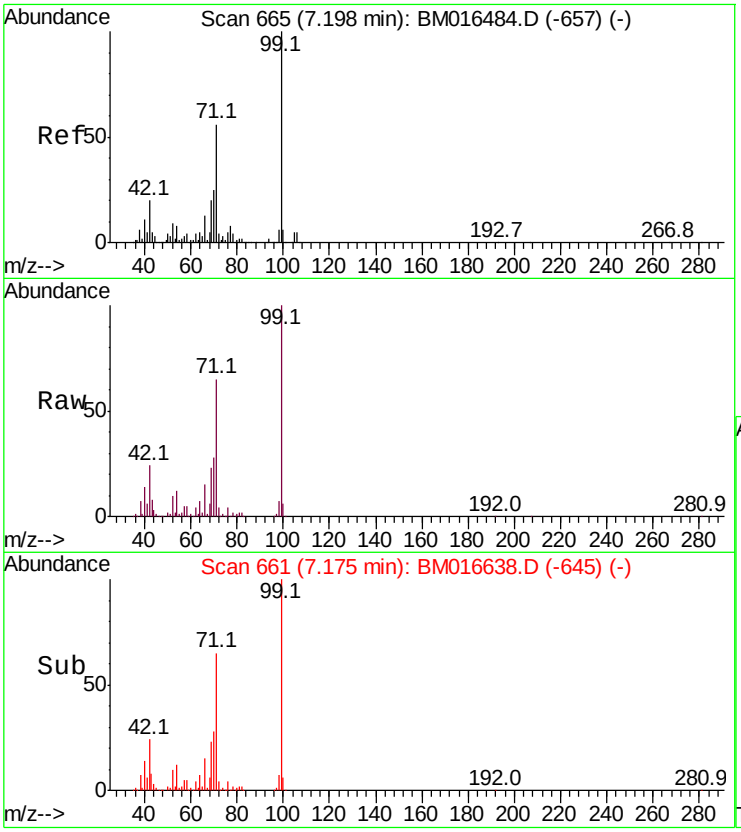


#5
2-Fluorophenol
Concen: 120.663 ng
RT: 5.54 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Tgt Ion:112 Resp: 439843

Ion	Ratio	Lower	Upper
112	100		
64	57.0	38.6	57.8
63	48.4	19.3	28.9#



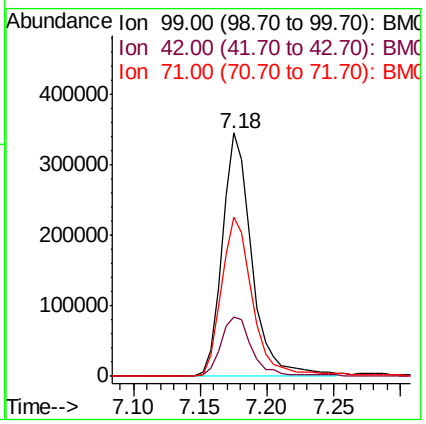


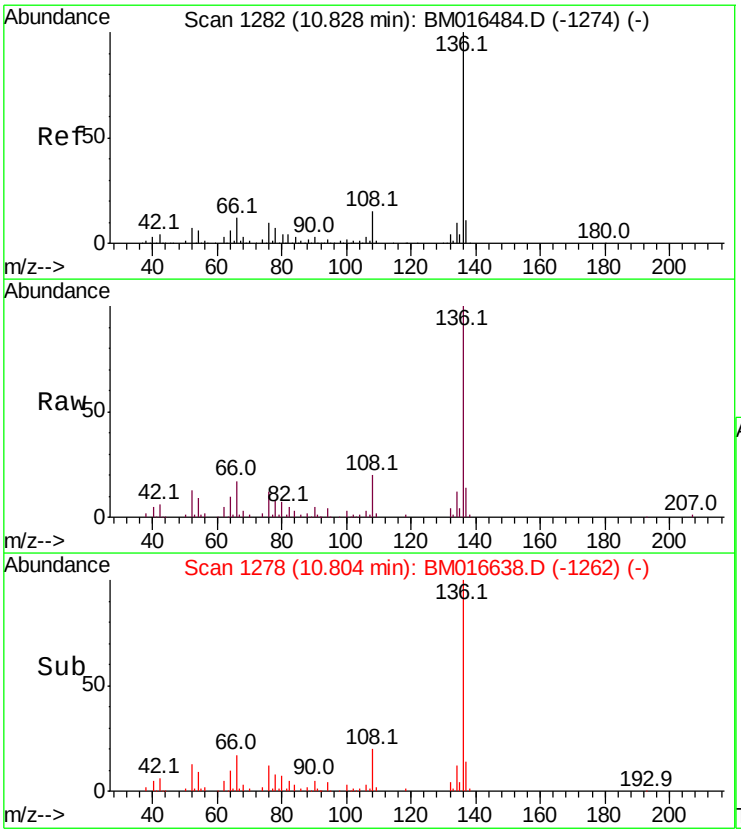
#7
Phenol-d6
Concen: 111.759 ng
RT: 7.18 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Instrument :
BNA_M
ClientSampleId :
BL-TEST

Tgt Ion: 99 Resp: 539083

Ion	Ratio	Lower	Upper
99	100		
42	24.2	11.0	16.4#
71	65.3	23.4	35.2#

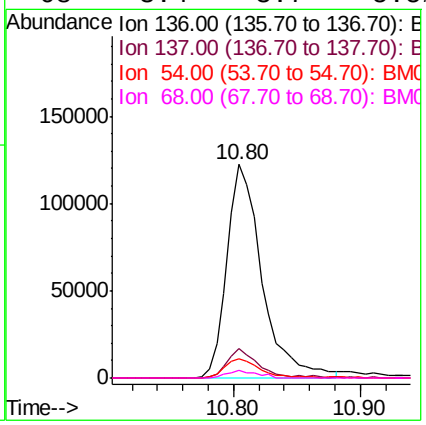


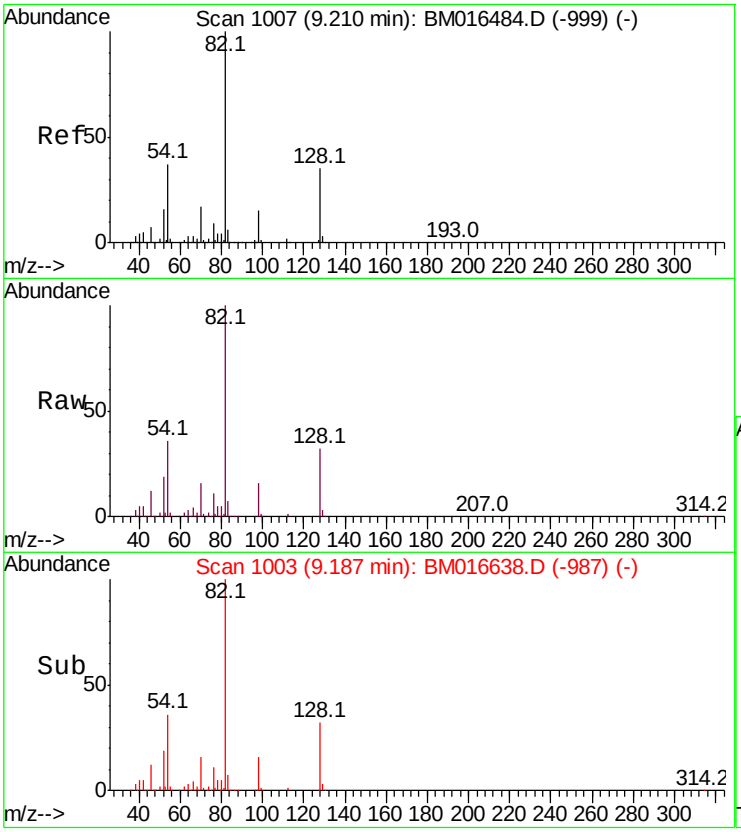


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Tgt Ion:136 Resp: 234898

Ion	Ratio	Lower	Upper
136	100		
137	13.5	8.7	13.1#
54	9.1	4.6	6.8#
68	3.4	3.7	5.5#



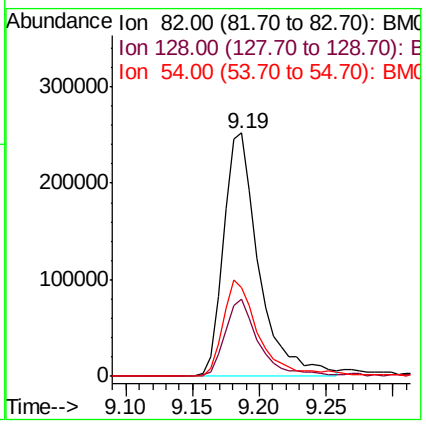


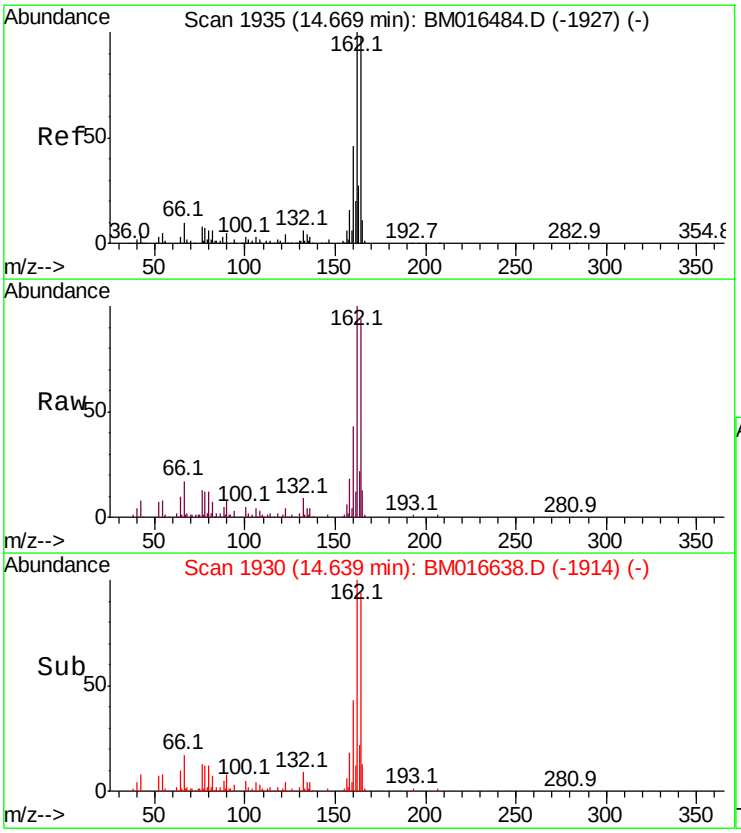
#23
Nitrobenzene-d5
Concen: 90.784 ng
RT: 9.19 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Instrument :
BNA_M
ClientSampleId :
BL-TEST

Tgt Ion: 82 Resp: 467047

Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	36.2	40.6	60.8#

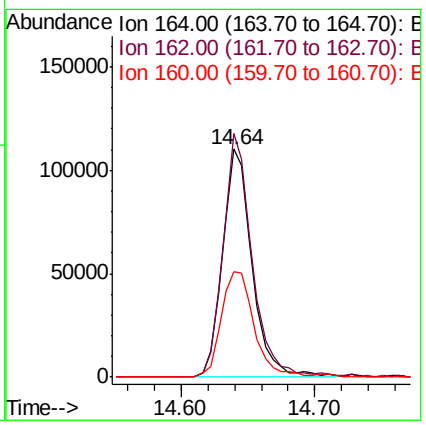


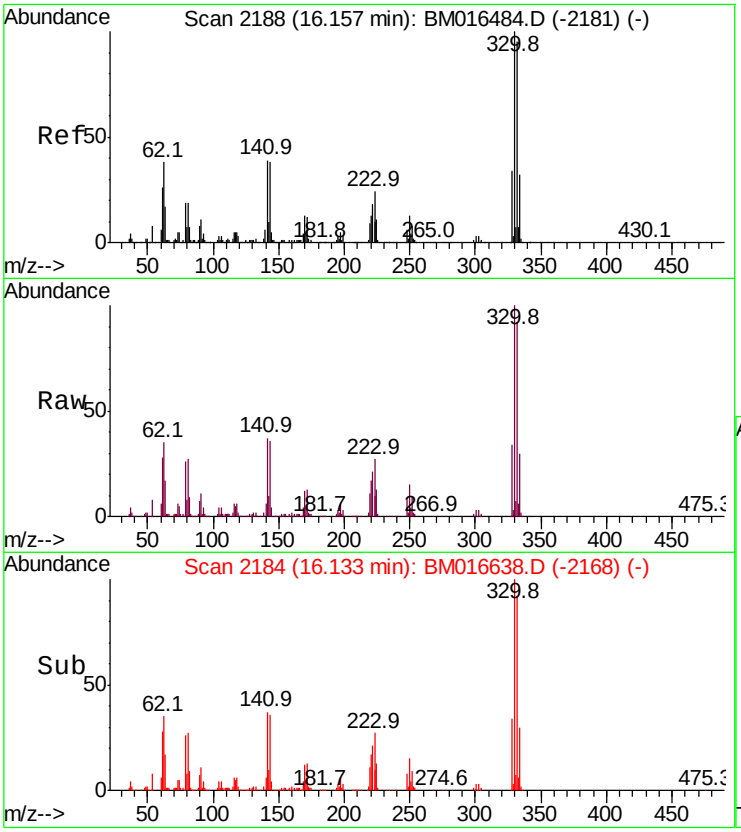


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Tgt Ion:164 Resp: 170775

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.4	123.6
160	46.2	35.8	53.6



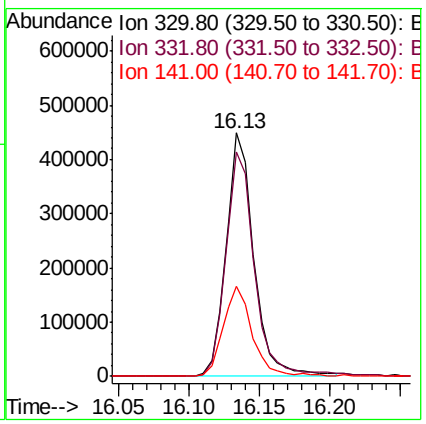


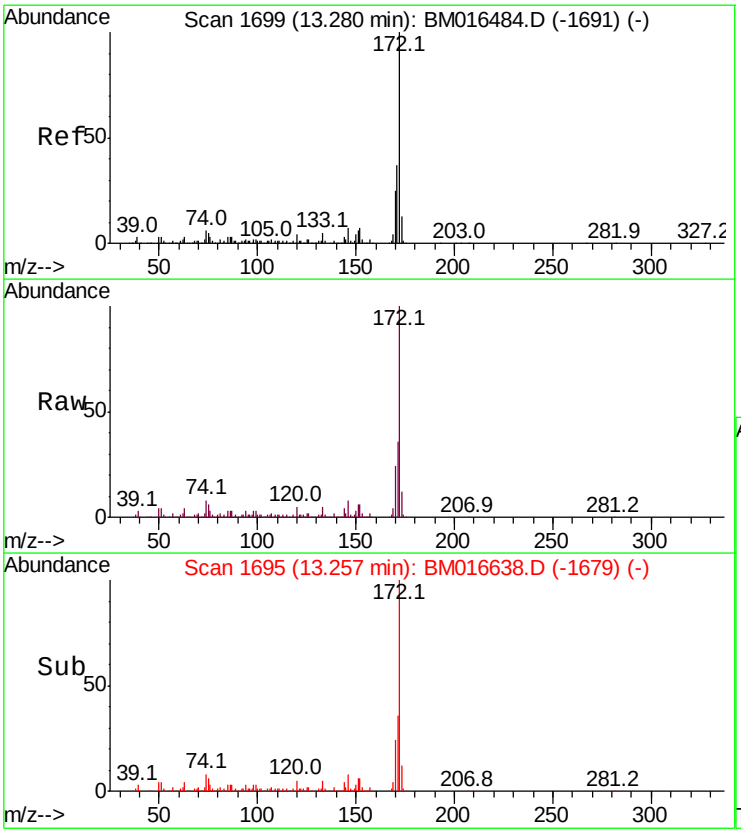
#41
2,4,6-Tribromophenol
Concen: 128.132 ng
RT: 16.13 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Instrument :
BNA_M
ClientSampleId :
BL-TEST

Tgt Ion:330 Resp: 611686

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	38.8	0.0	0.0#

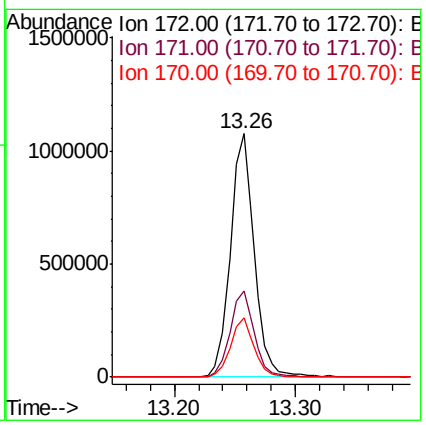


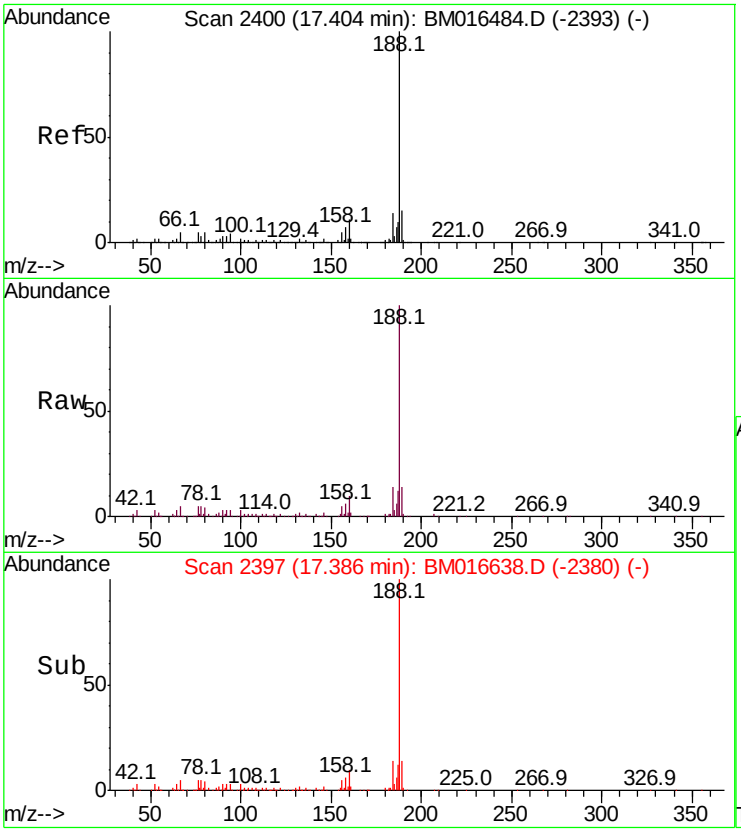


#44
2-Fluorobiphenyl
Concen: 83.257 ng
RT: 13.26 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Tgt Ion:172 Resp: 1479187

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.3	18.8	28.2



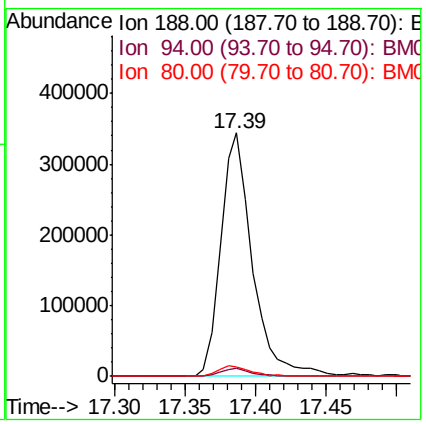


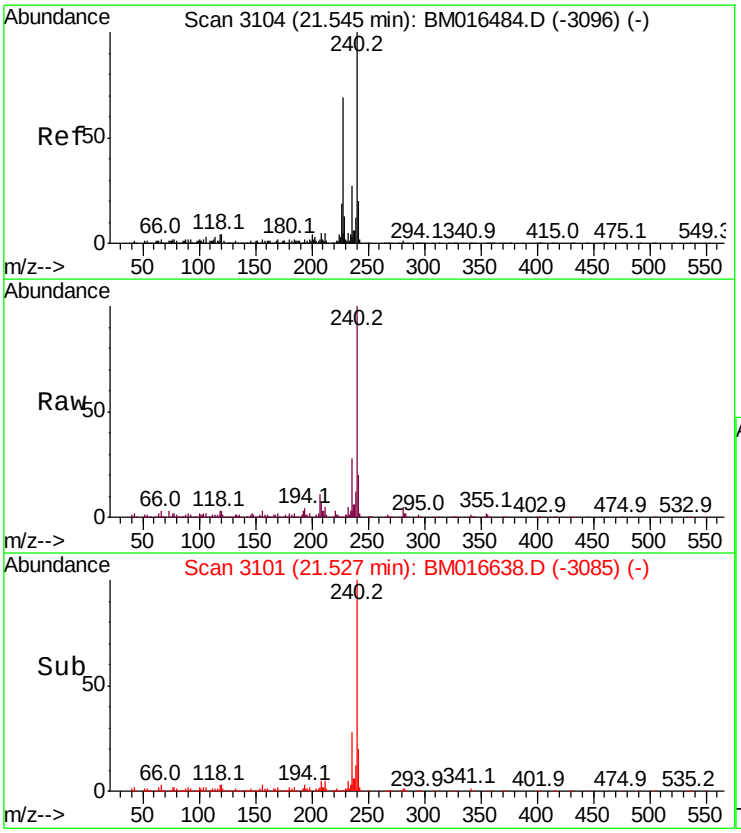
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Instrument :
BNA_M
ClientSampleId :
BL-TEST

Tgt Ion:188 Resp: 532798

Ion	Ratio	Lower	Upper
188	100		
94	3.3	8.7	13.1#
80	3.9	9.3	13.9#

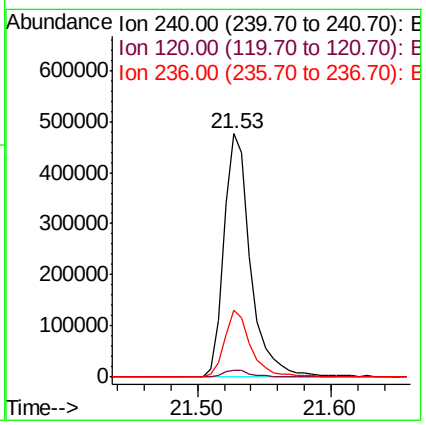


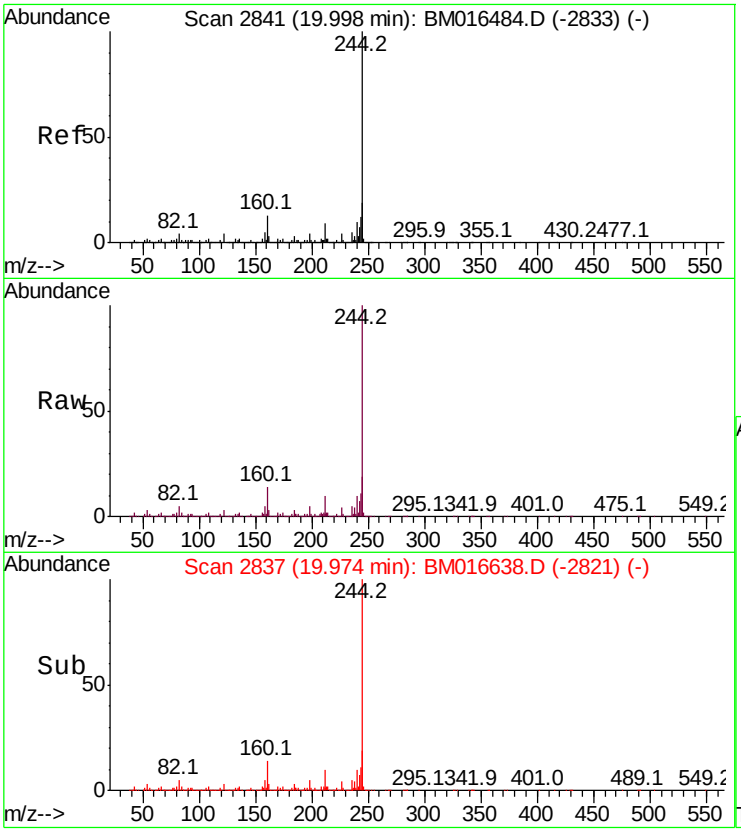


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Tgt Ion:240 Resp: 668593

Ion	Ratio	Lower	Upper
240	100		
120	2.9	8.2	12.2#
236	27.6	20.0	30.0



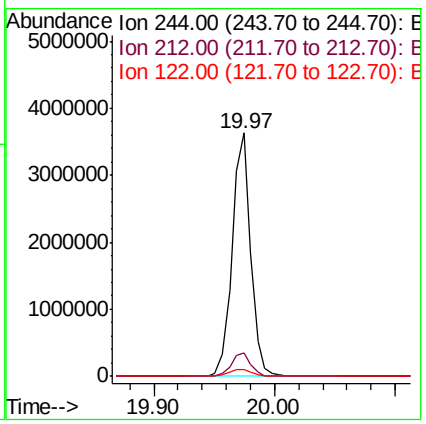


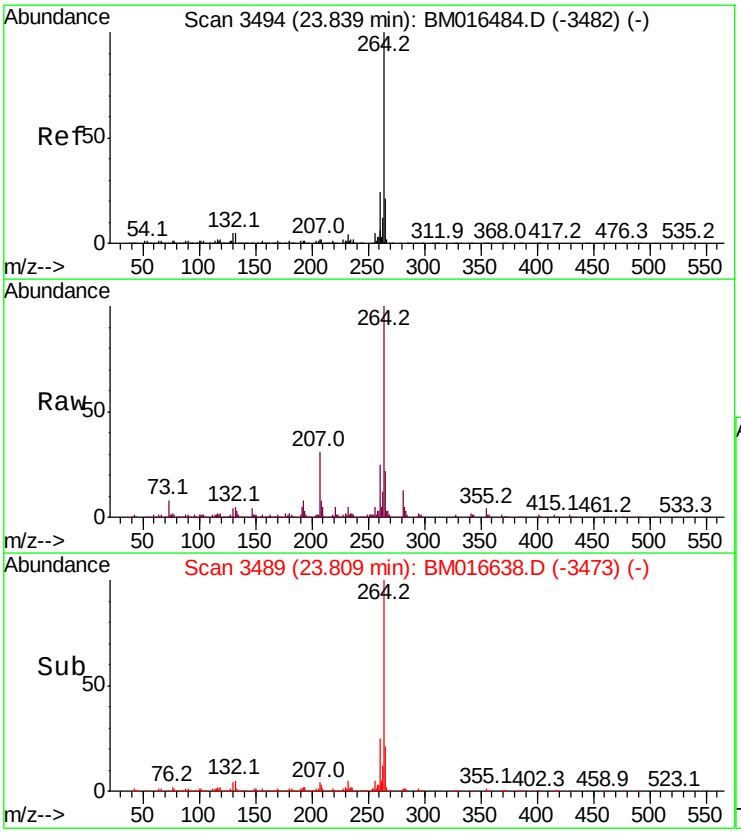
#78
Terphenyl-d14
Concen: 122.103 ng
RT: 19.97 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Instrument :
BNA_M
ClientSampleId :
BL-TEST

Tgt Ion:244 Resp: 3857042

Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	3.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Tgt Ion:264 Resp: 750601

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	22.5	17.3	25.9