Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016401.D
Acq On : 16 Aug 2018 05:00
Operator : SJ/JU
Sample : J4471-27
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BED-ROCK

Quant Time: Aug 16 07:50:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19074	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	63967	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	11051	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	46697	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	12683	20.00	ng	0.00
86) Perylene-d12	23.94	264	1307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	167143	145.56	ng	0.00
7) Phenol-d6	7.28	99	74112	49.42	ng	0.00
23) Nitrobenzene-d5	9.30	82	184722	134.31	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	75395	537.91	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	358913	395.17	ng	-0.01
78) Terphenyl-d14	20.06	244	323102	533.27	ng	0.00
Target Compounds						Qvalue

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

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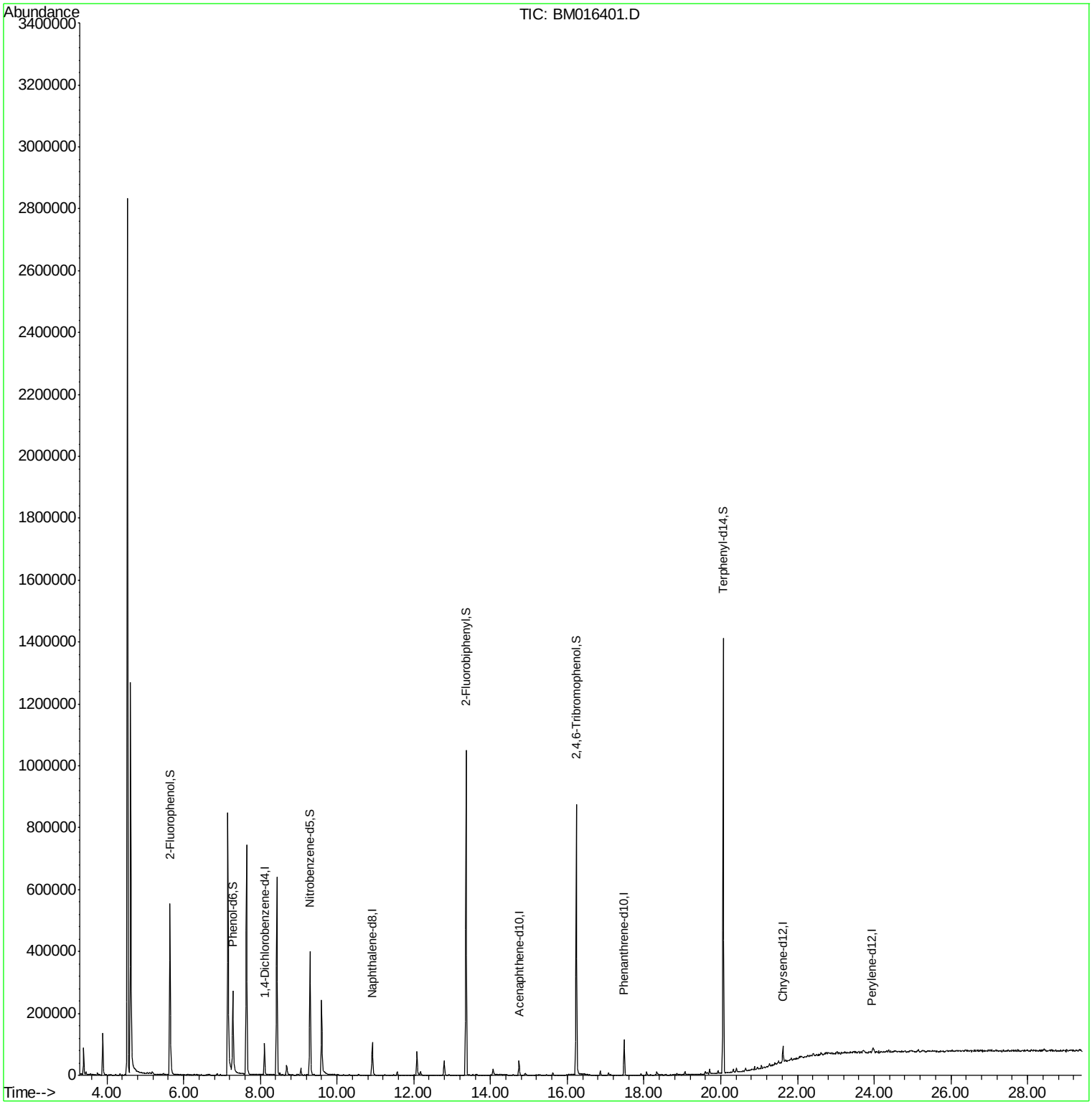
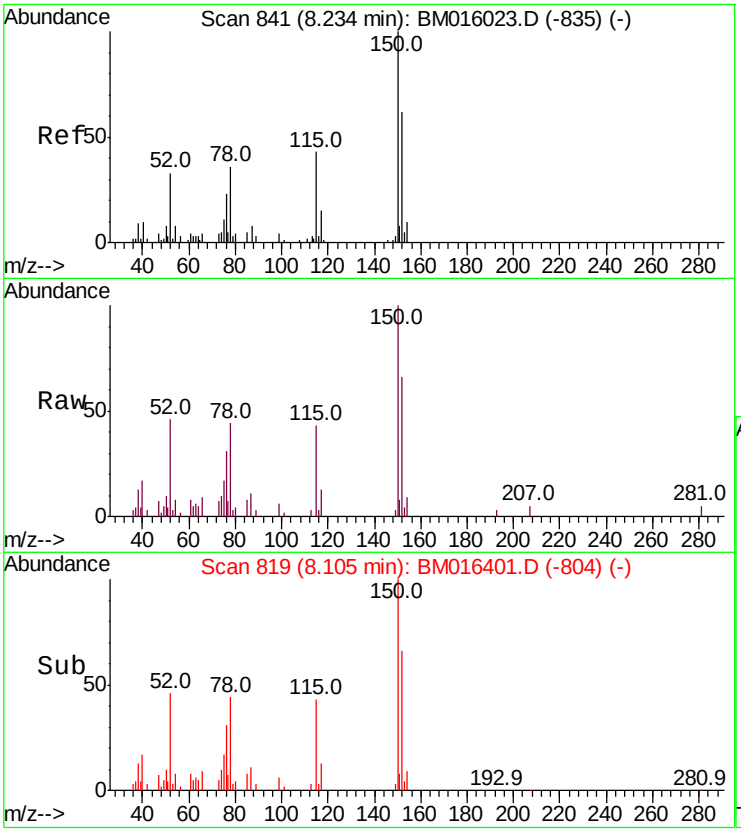


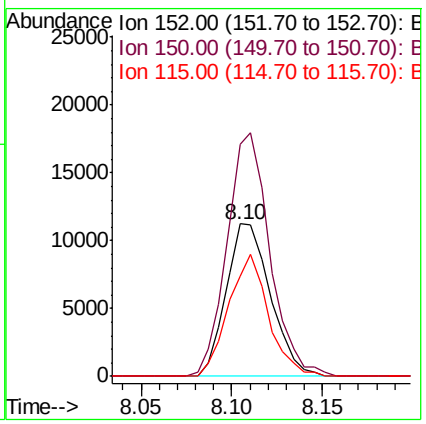


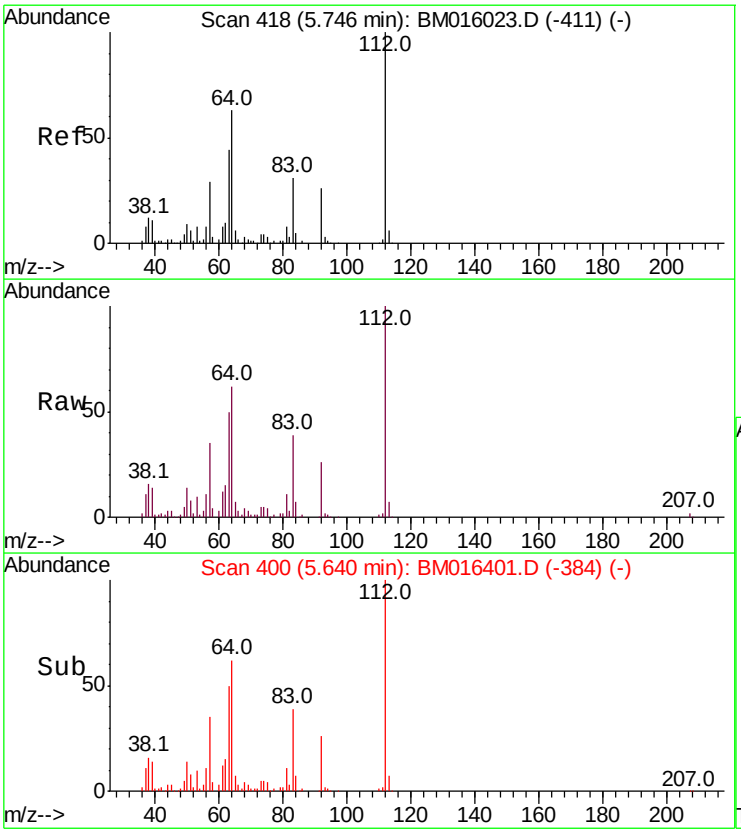
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tgt Ion:152 Resp: 19074

Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	66.1	43.0	64.4#

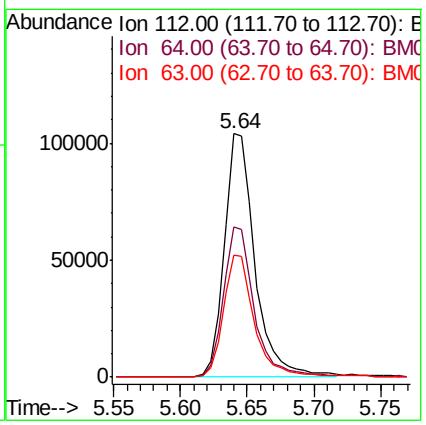


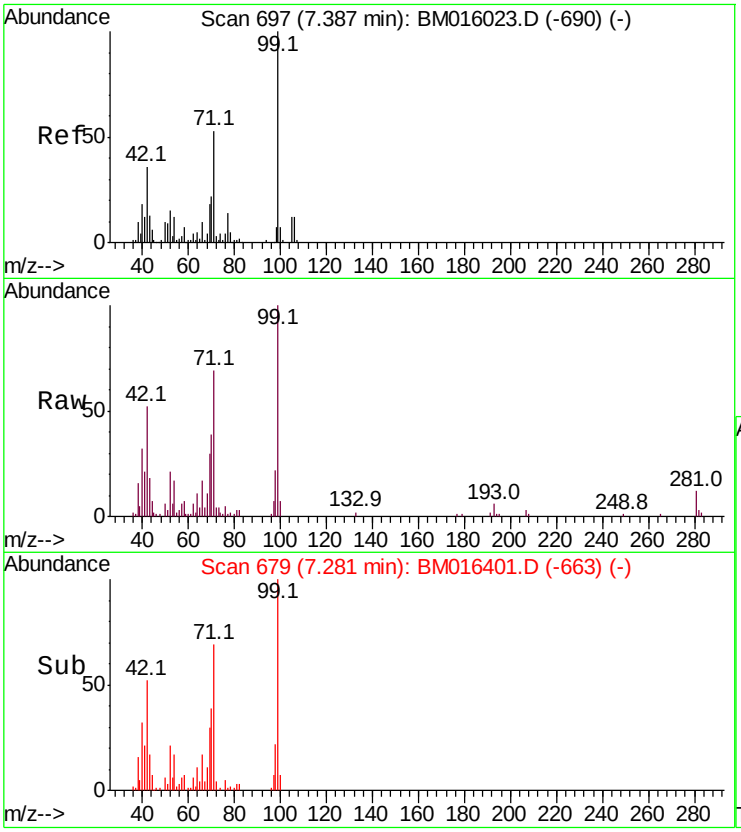


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion:112 Resp: 167143

Ion	Ratio	Lower	Upper
112	100		
64	61.7	38.6	57.8#
63	49.9	19.3	28.9#



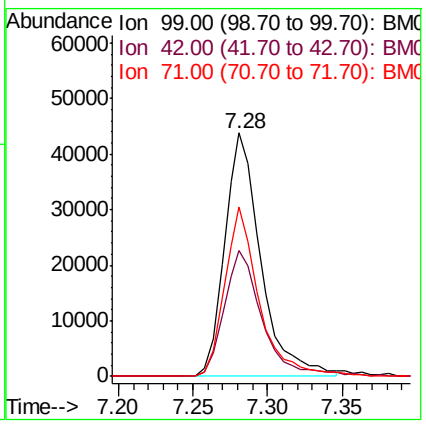


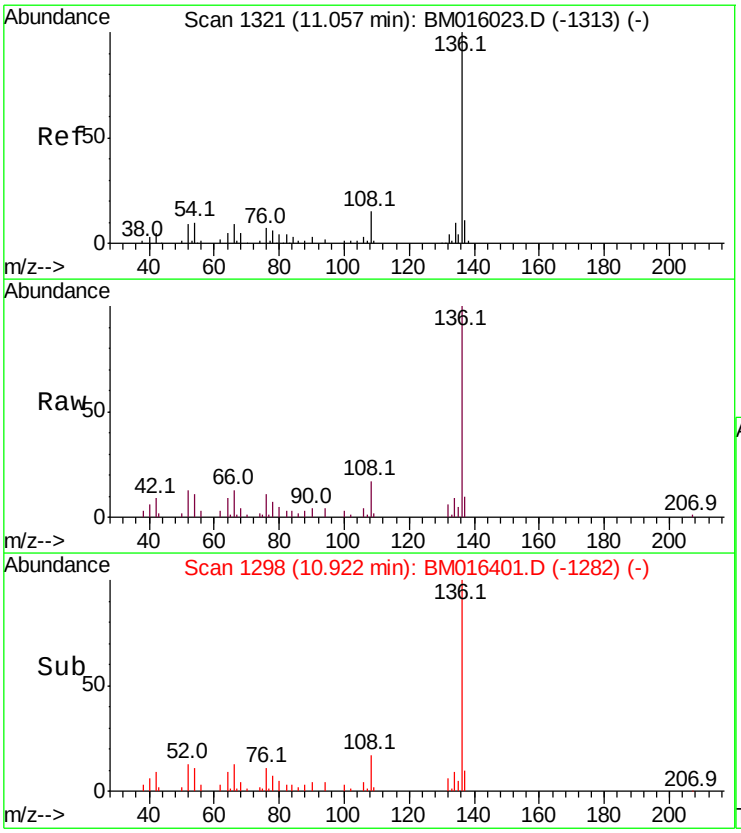
#7
Phenol-d6
Concen: N.D. ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tgt Ion: 99 Resp: 74112

Ion	Ratio	Lower	Upper
99	100		
42	51.9	11.0	16.4#
71	69.3	23.4	35.2#

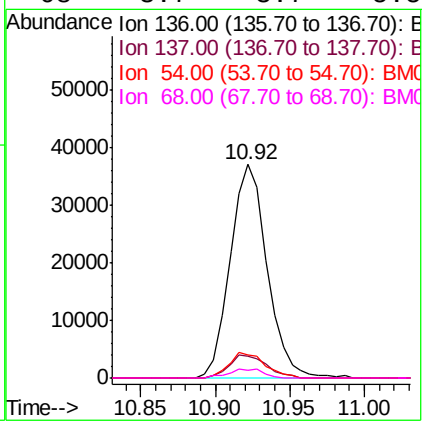


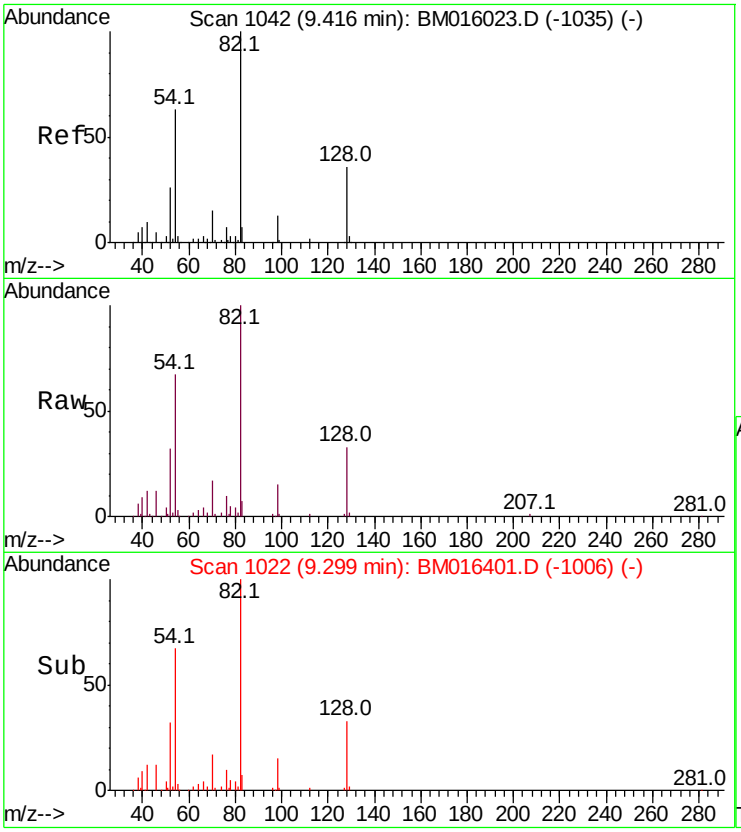


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion:136 Resp: 63967

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	11.0	4.6	6.8#
68	3.7	3.7	5.5



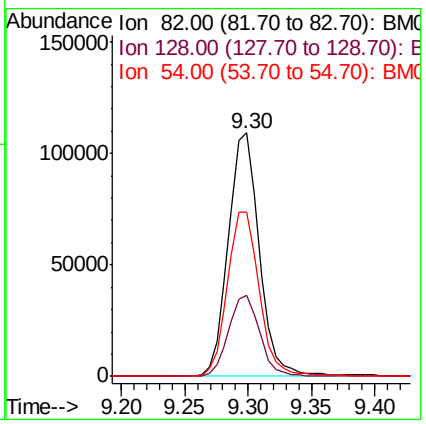


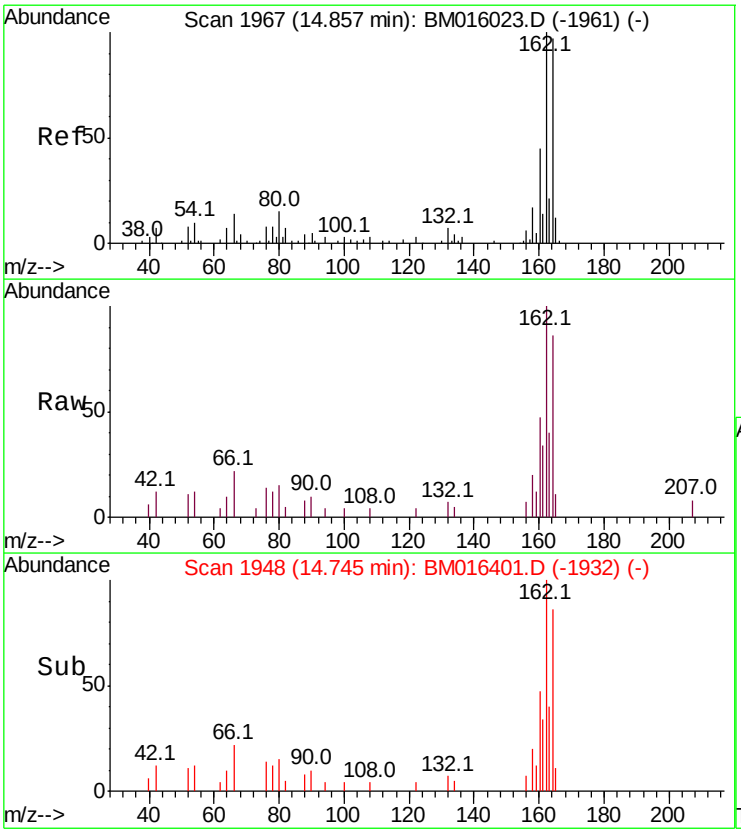
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tgt Ion: 82 Resp: 184722

Ion	Ratio	Lower	Upper
82	100		
128	33.4	32.8	49.2
54	67.4	40.6	60.8#

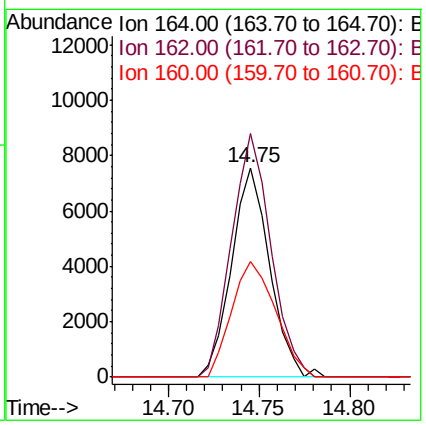


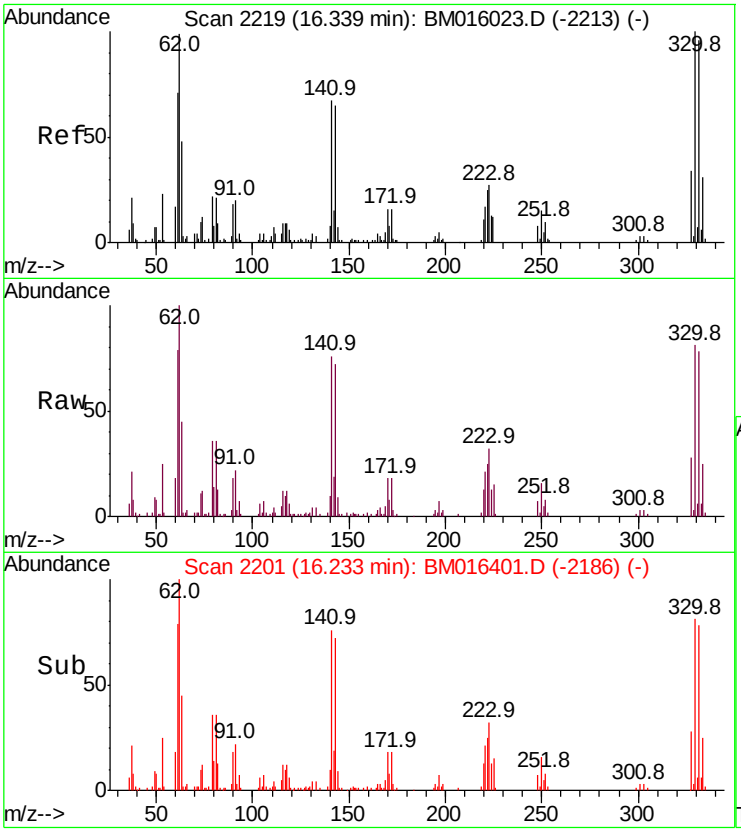


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion:164 Resp: 11051

Ion	Ratio	Lower	Upper
164	100		
162	116.4	82.4	123.6
160	55.1	35.8	53.6#



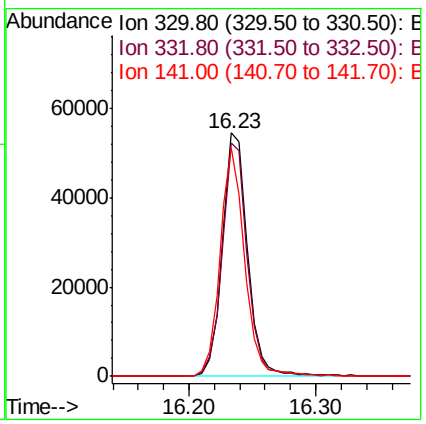


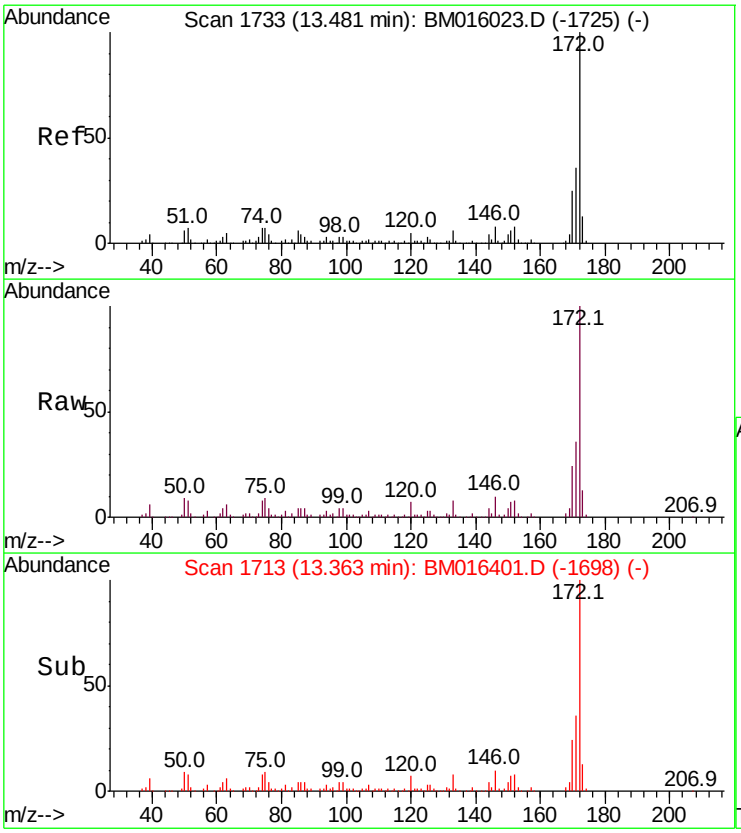
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.23 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tgt Ion:330 Resp: 75395

Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	90.8	0.0	0.0#

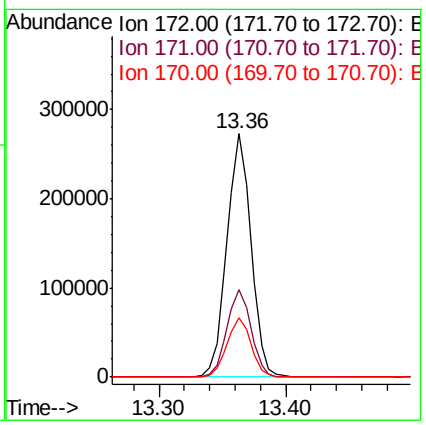


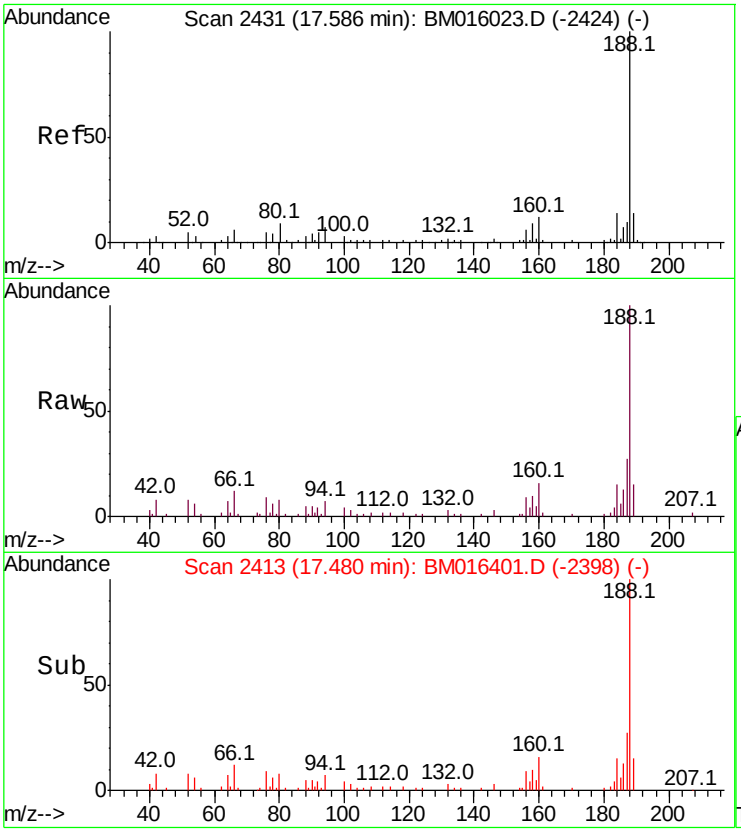


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion:172 Resp: 358913

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.4	18.8	28.2



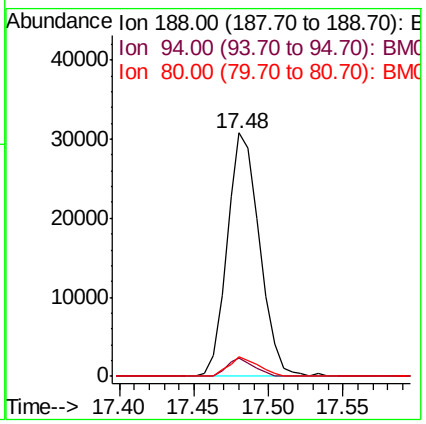


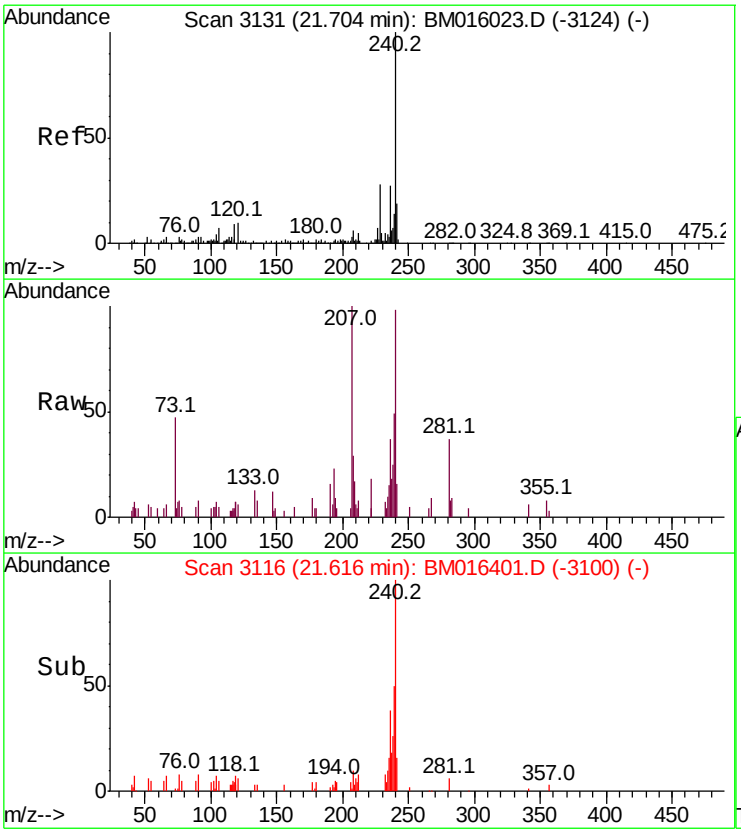
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tgt Ion:188 Resp: 46697

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.0	9.3	13.9#

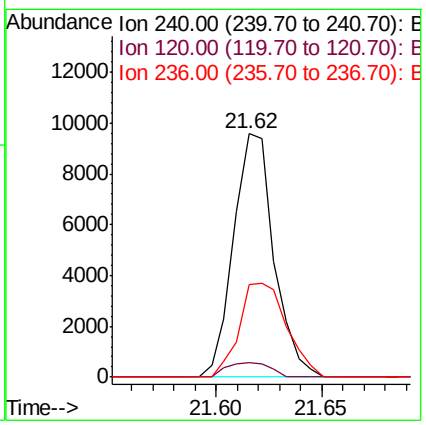


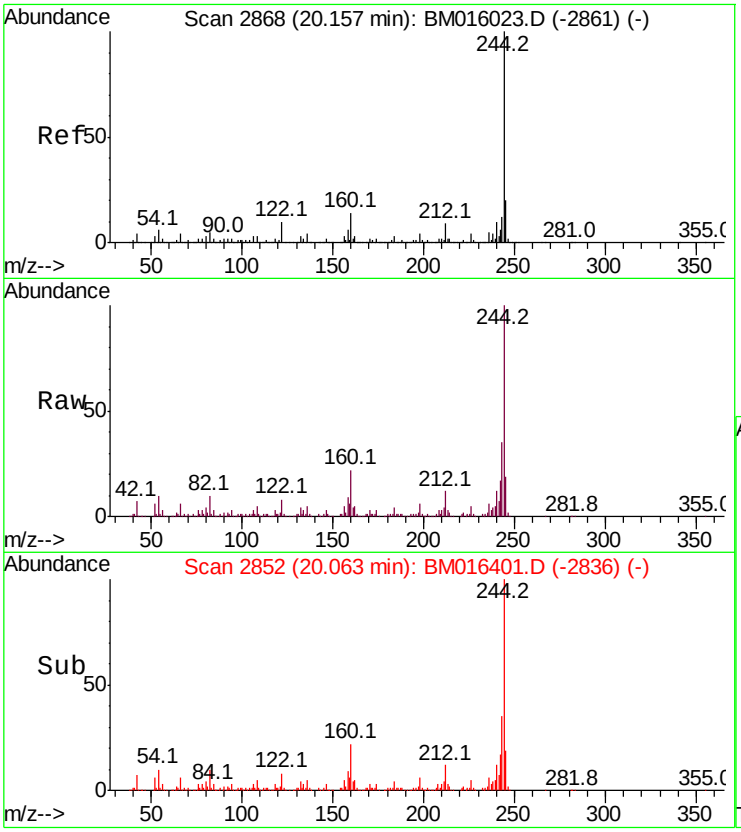


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion:240 Resp: 12683

Ion	Ratio	Lower	Upper
240	100		
120	6.1	8.2	12.2#
236	37.8	20.0	30.0#



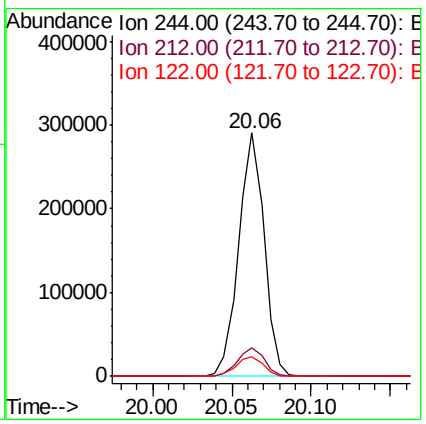


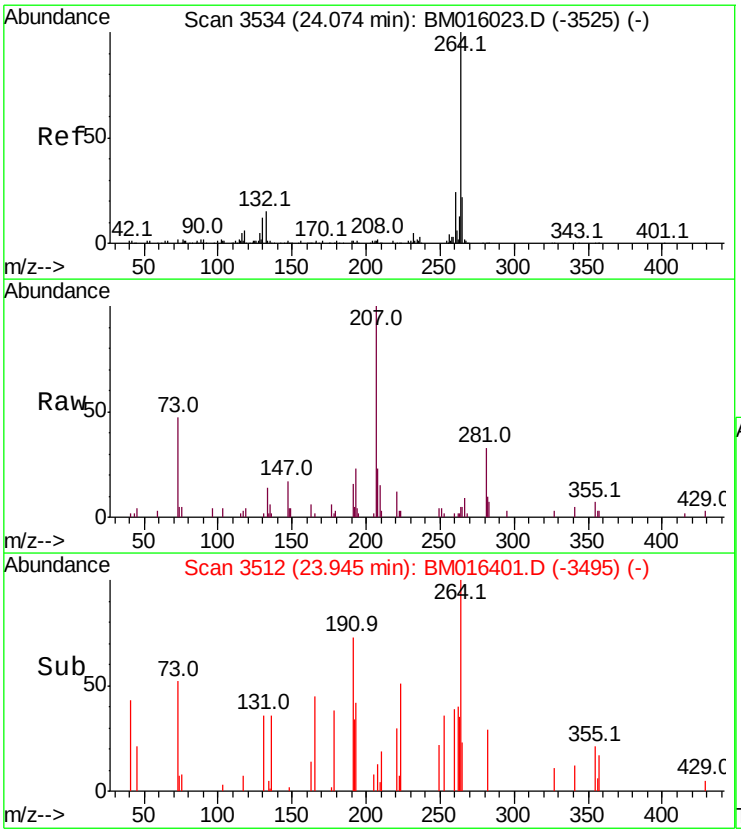
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.06 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tgt Ion:244 Resp: 323102

Ion	Ratio	Lower	Upper
244	100		
212	11.6	4.9	7.3#
122	8.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion:264 Resp: 1307

Ion	Ratio	Lower	Upper
264	100		
260	39.2	18.6	27.8#
265	94.9	17.3	25.9#