Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
Data File : BM015834.D
Acq On : 07 Jul 2018 11:05
Operator : SJ/JU
Sample : J3852-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HC-SOIL-1

Quant Time: Jul 09 00:55:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	112373	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	451984	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	265467	20.00	ng	-0.01
63) Phenanthrene-d10	17.65	188	643210	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	666537	20.00	ng	-0.01
86) Perylene-d12	24.16	264	637438	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	961126	146.68	ng	0.00
7) Phenol-d6	7.46	99	1118562	124.69	ng	0.00
23) Nitrobenzene-d5	9.49	82	957079	103.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	648910	187.08	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	2118216	99.06	ng	-0.01
78) Terphenyl-d14	20.22	244	4364296	121.45	ng	0.00
Target Compounds						Qvalue

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

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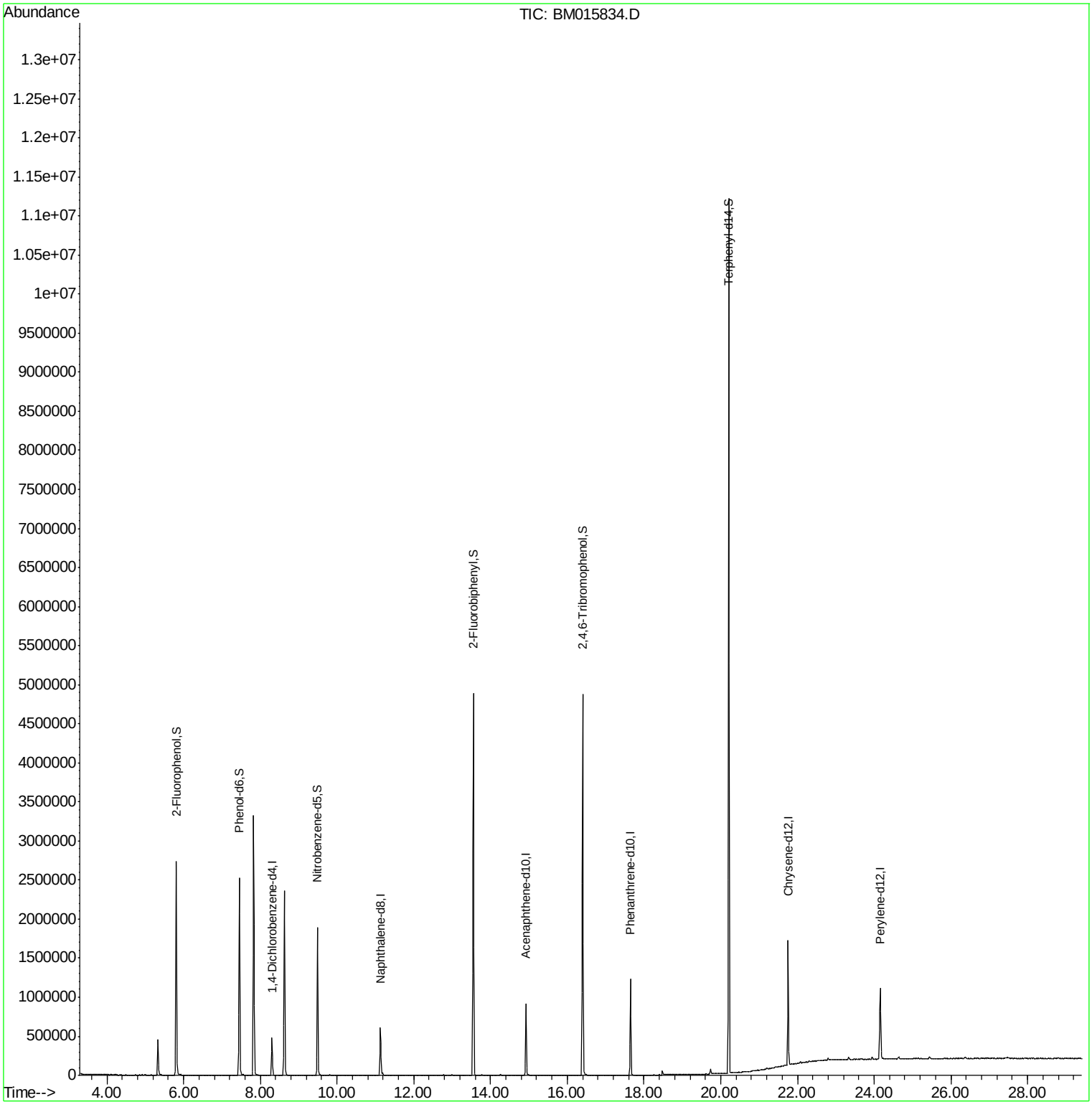
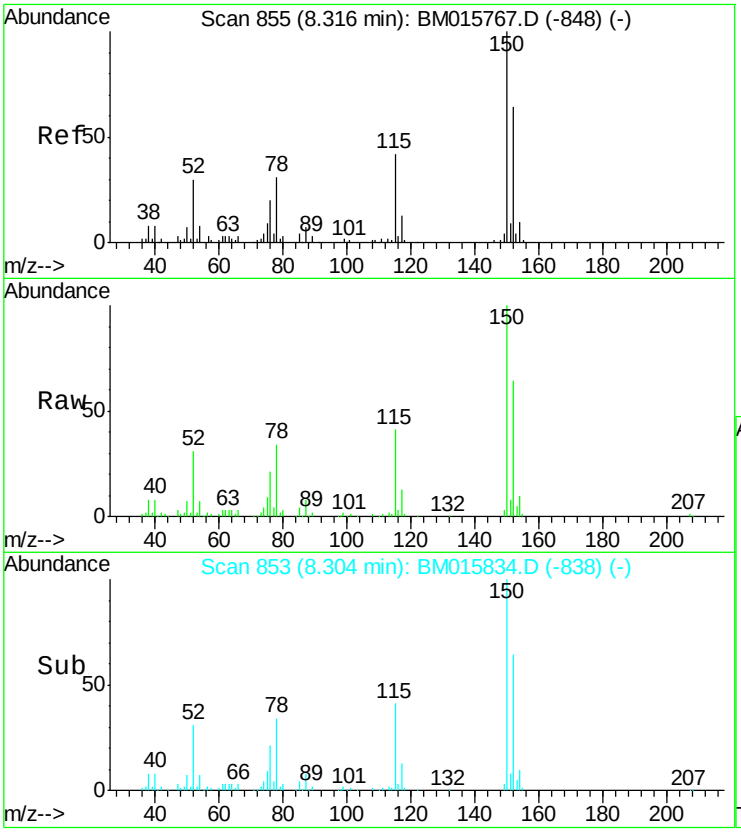


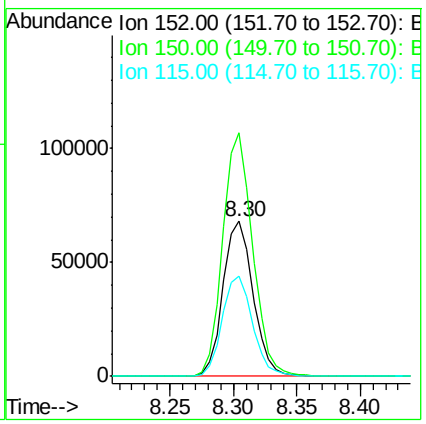


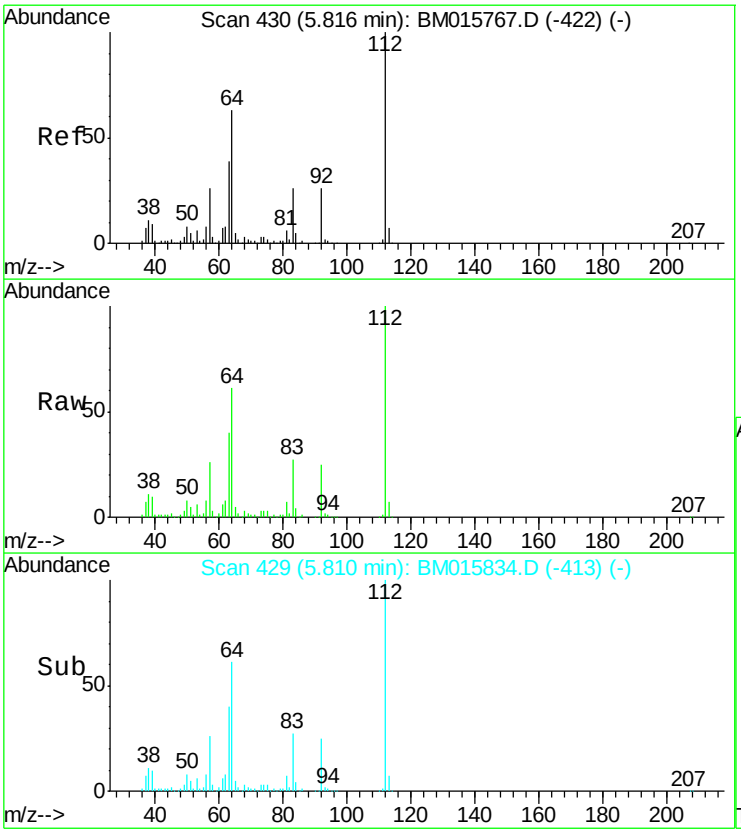
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Instrument :
BNA_M
ClientSampleId :
HC-SOIL-1

Tgt Ion:152 Resp: 112373

Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.5	179.3
115	64.9	43.0	64.4#

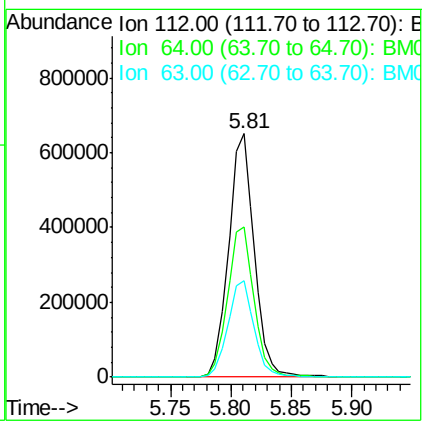


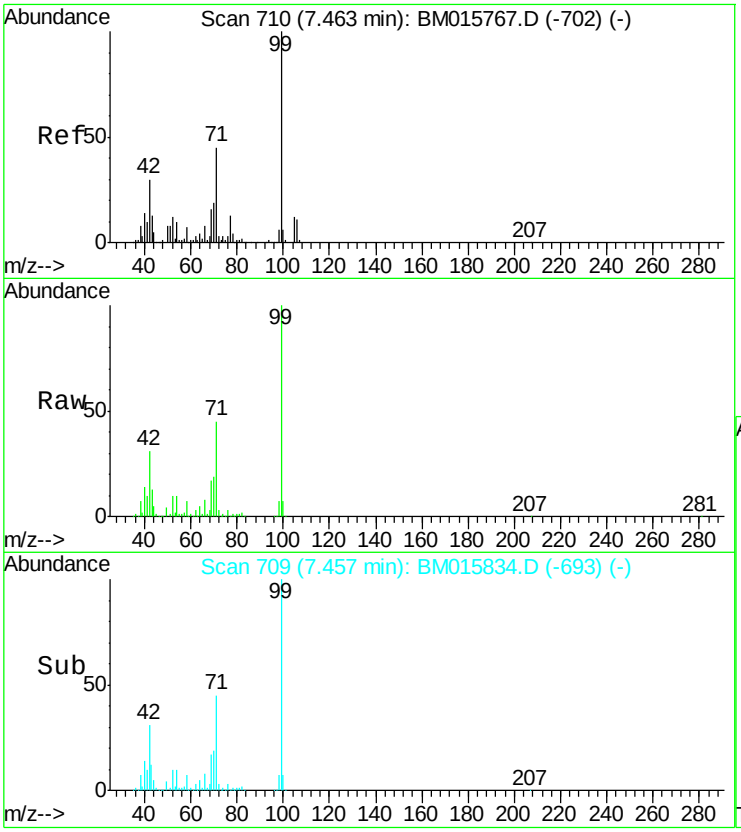


#5
2-Fluorophenol
Concen: Below ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Tgt Ion:112 Resp: 961126

Ion	Ratio	Lower	Upper
112	100		
64	61.5	38.6	57.8#
63	39.6	19.3	28.9#



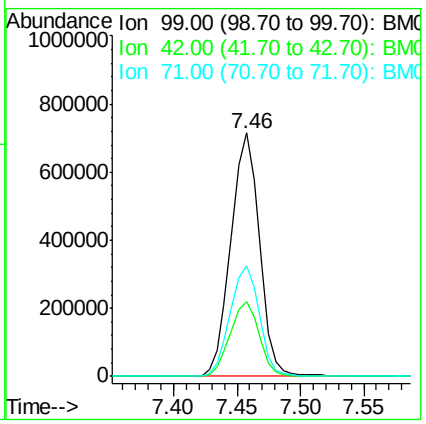


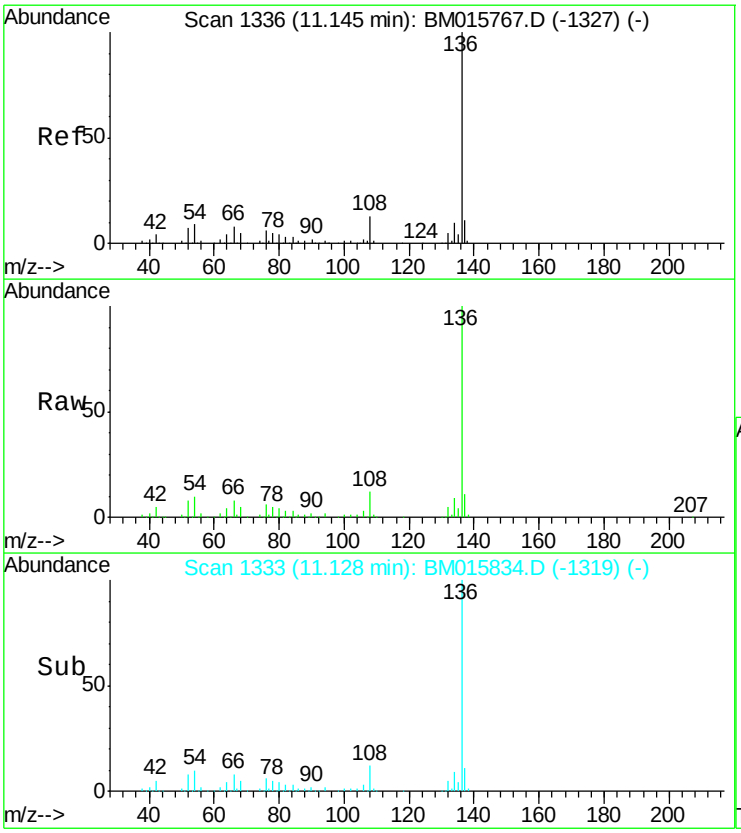
#7
Phenol-d6
Concen: N.D. ng
RT: 7.46 min Scan# 709
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Instrument :
BNA_M
ClientSampleId :
HC-SOIL-1

Tgt Ion: 99 Resp: 1118562

Ion	Ratio	Lower	Upper
99	100		
42	30.7	11.0	16.4#
71	45.5	23.4	35.2#

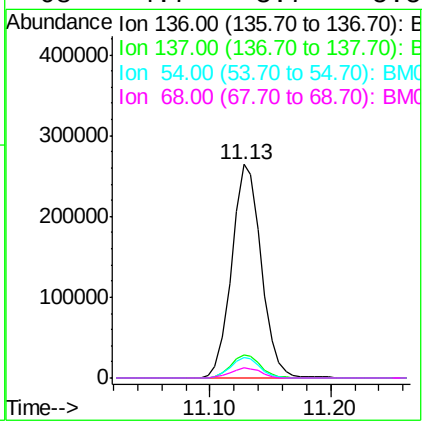


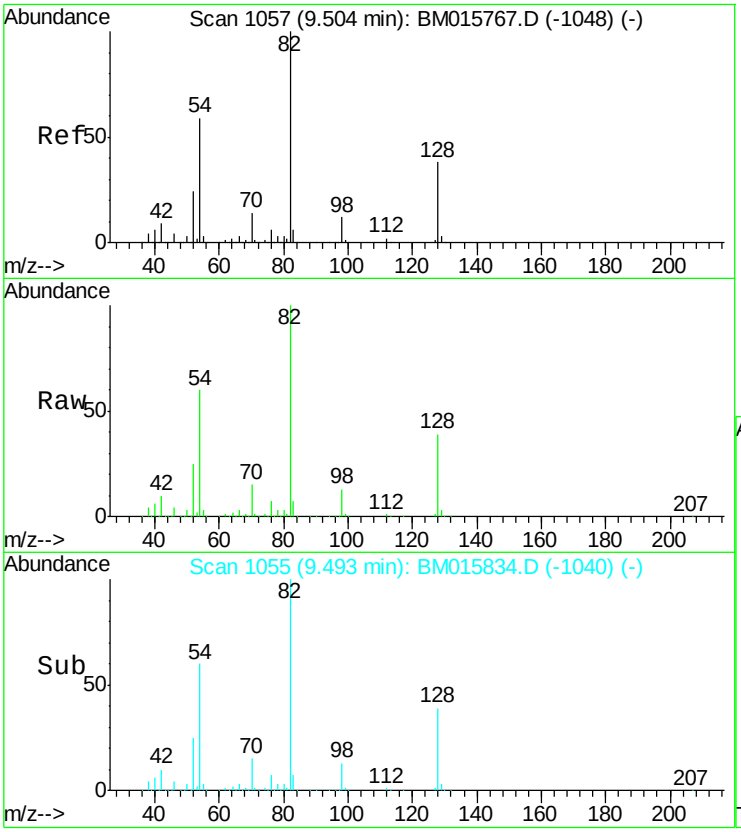


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Tgt Ion:136 Resp: 451984

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.5	4.6	6.8#
68	4.7	3.7	5.5



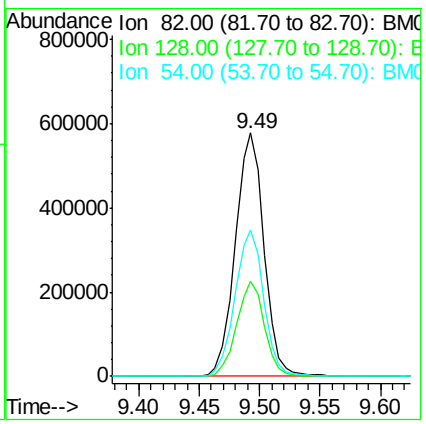


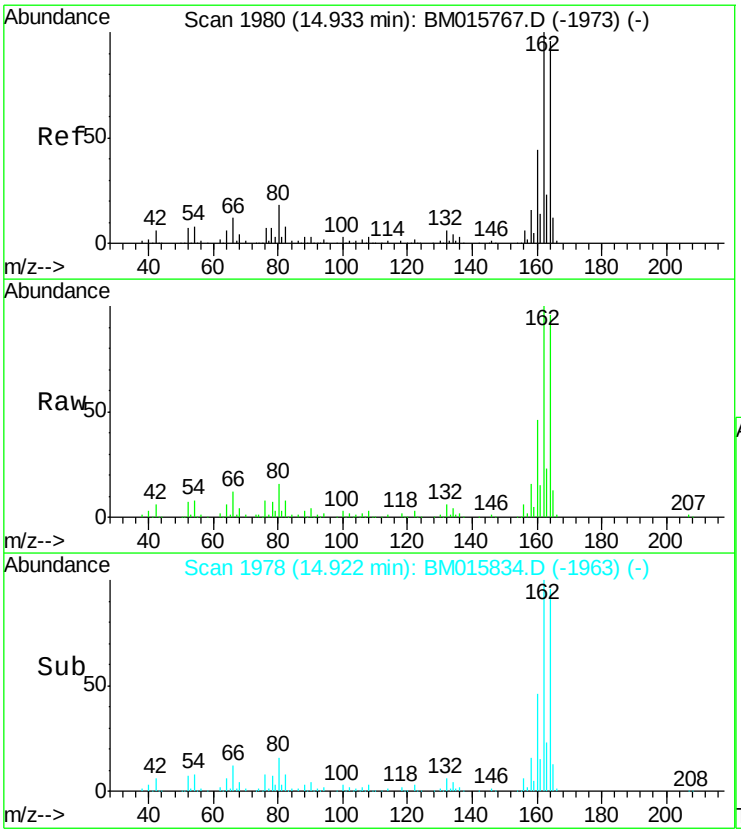
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Instrument :
BNA_M
ClientSampleId :
HC-SOIL-1

Tgt Ion: 82 Resp: 957079

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.8	49.2
54	60.2	40.6	60.8

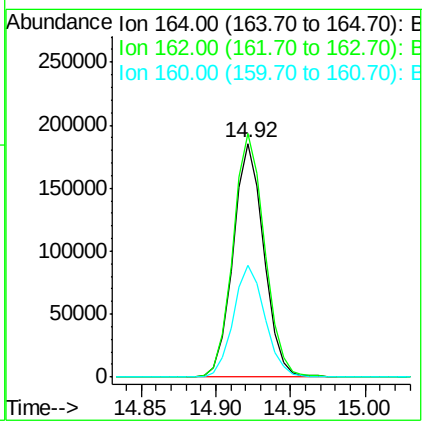


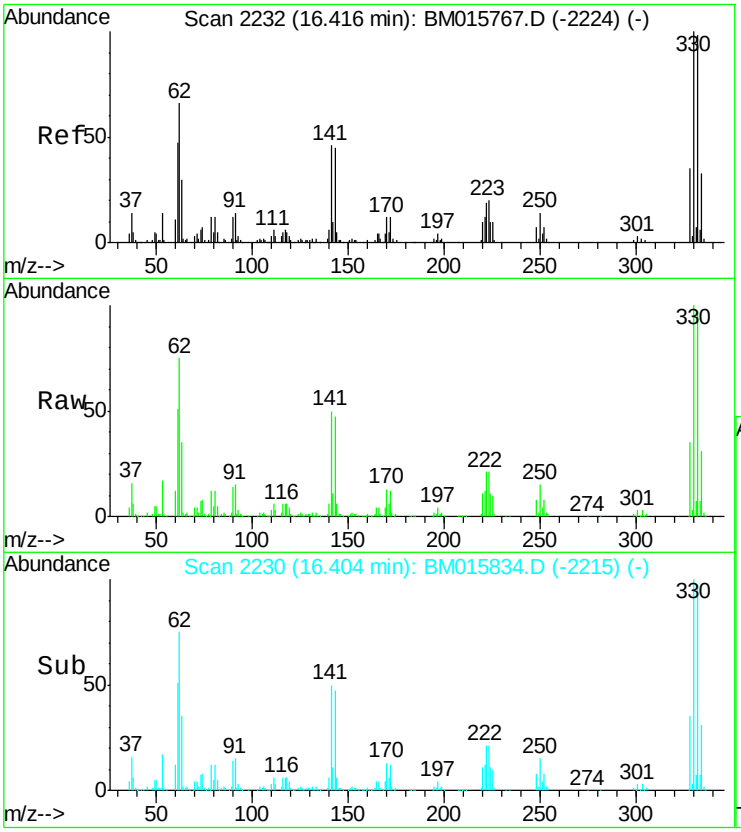


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Tgt Ion:164 Resp: 265467

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.4	123.6
160	48.1	35.8	53.6



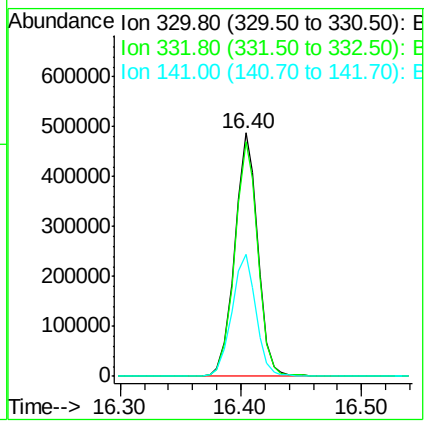


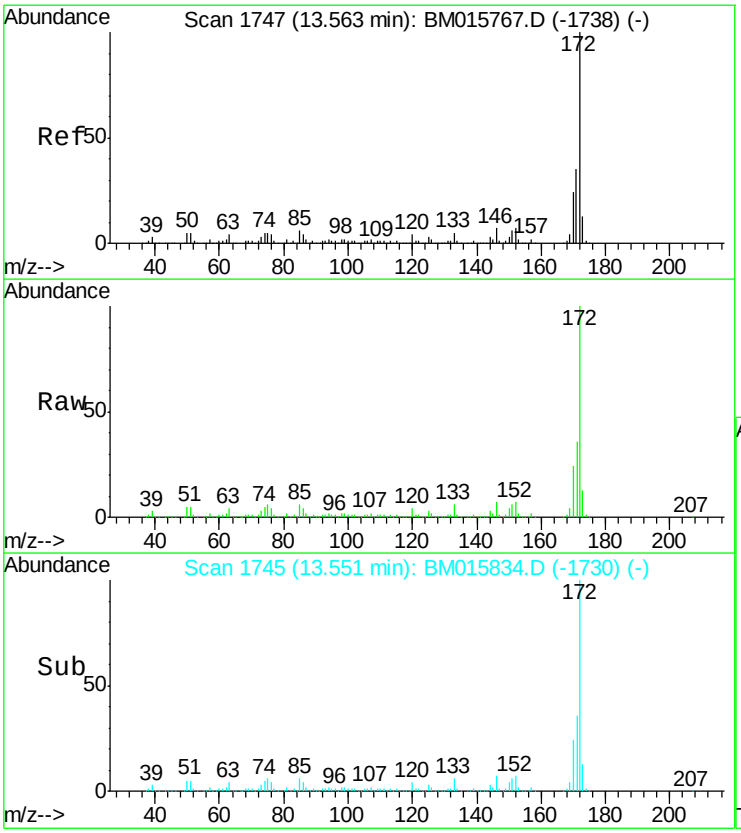
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.40 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Instrument :
BNA_M
ClientSampleId :
HC-SOIL-1

Tgt Ion:330 Resp: 648910

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	52.2	0.0	0.0#

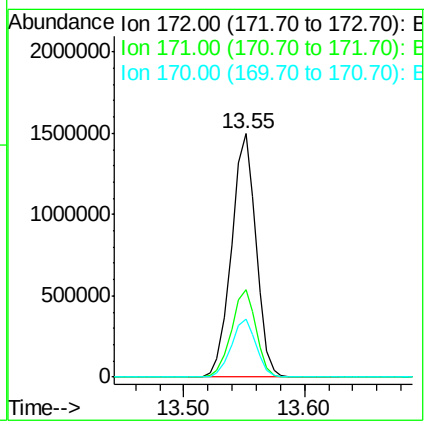


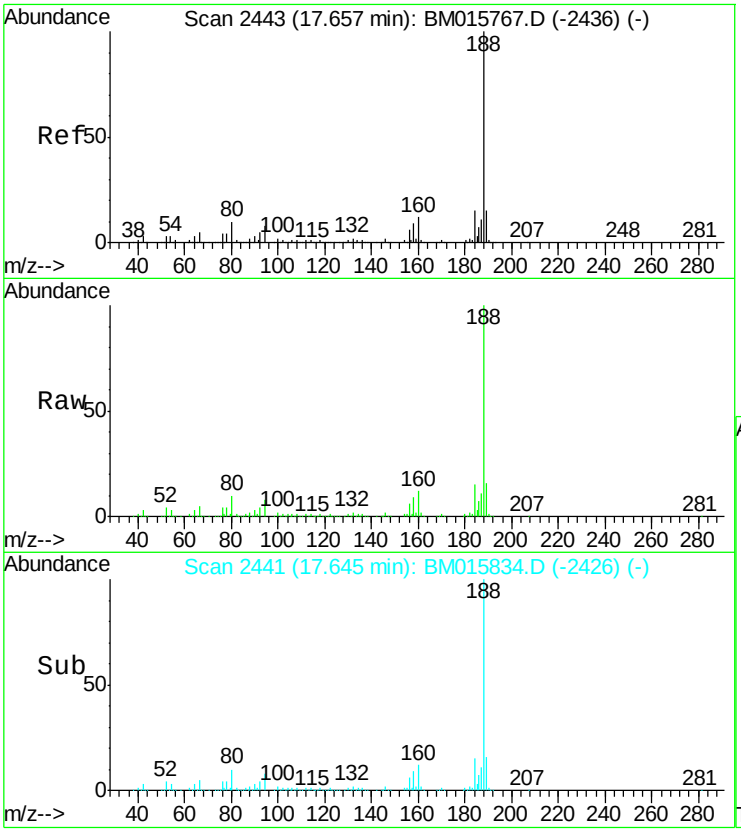


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.55 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Tgt Ion:172 Resp: 2118216

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.1	18.8	28.2



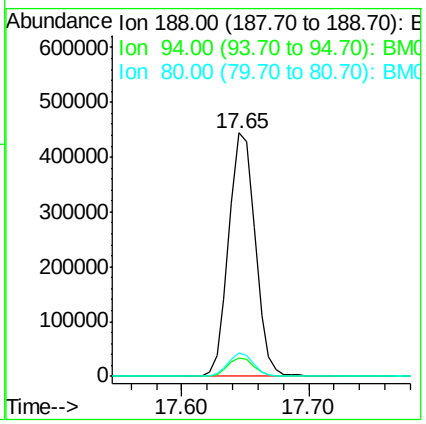


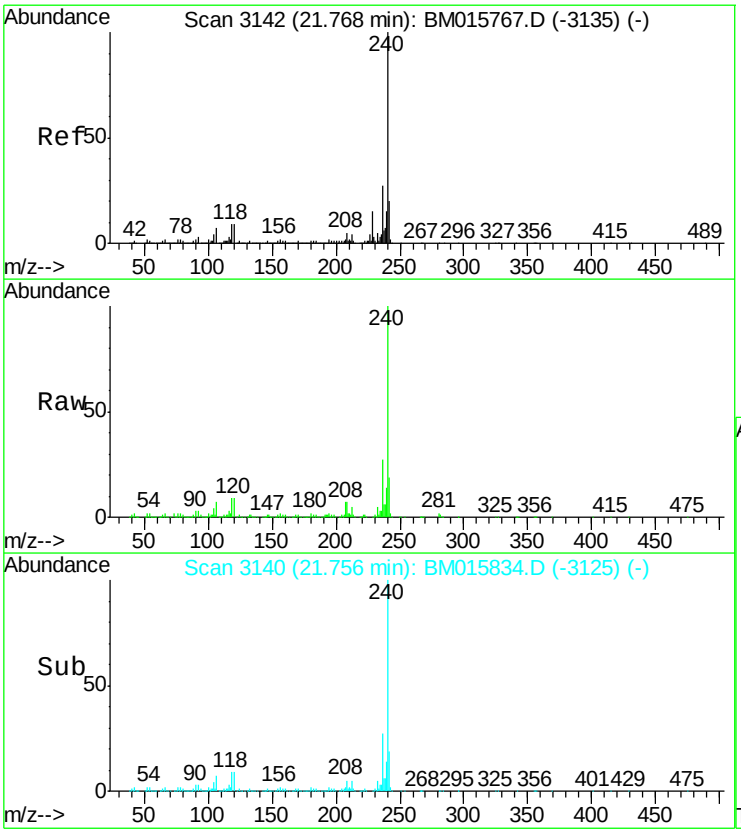
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Instrument :
BNA_M
ClientSampleId :
HC-SOIL-1

Tgt Ion:188 Resp: 643210

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	9.6	9.3	13.9

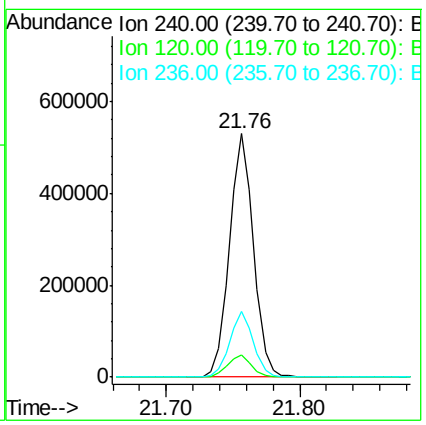


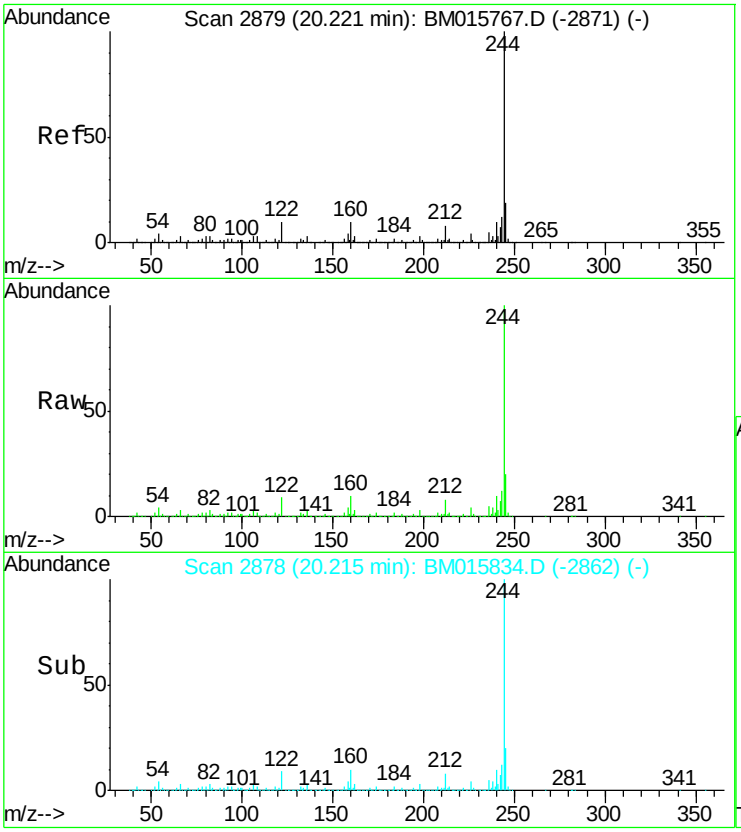


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Tgt Ion:240 Resp: 666537

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	26.8	20.0	30.0



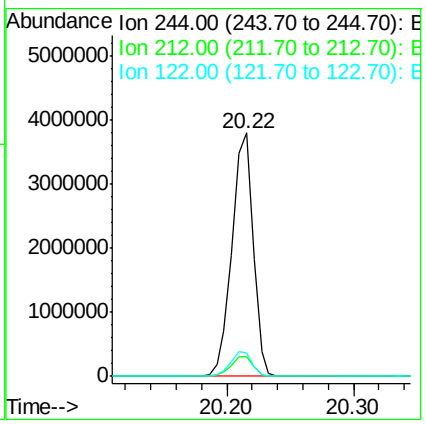


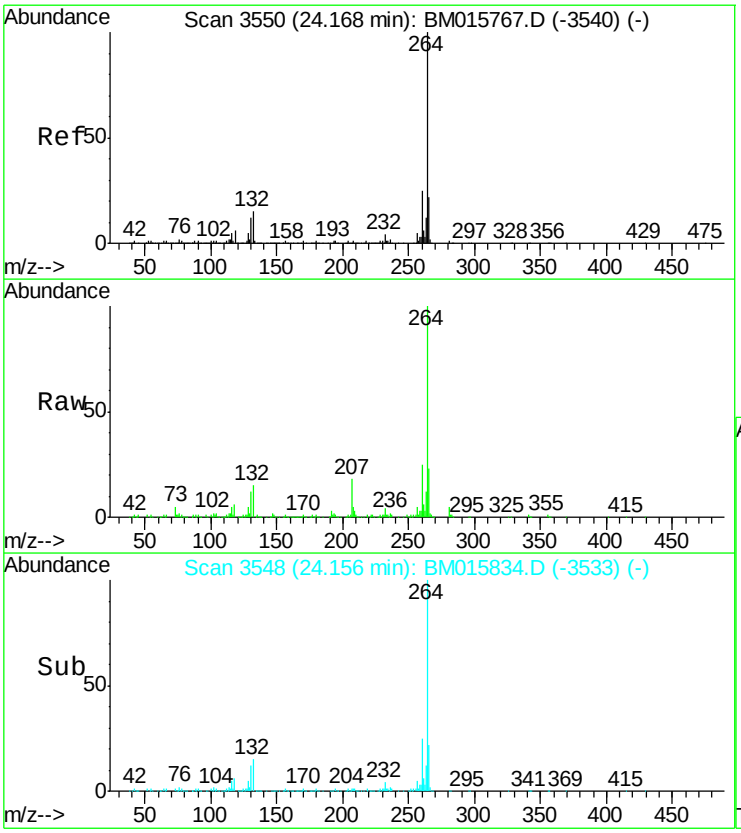
#78
Terphenyl-d14
Concen: Below ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Instrument :
BNA_M
ClientSampleId :
HC-SOIL-1

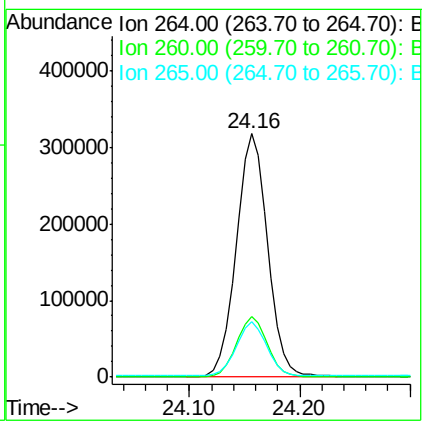
Tgt Ion:244 Resp: 4364296

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	9.4	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015834.D
Acq: 07 Jul 2018 11:05

Tgt Ion:264 Resp: 637438

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.6	17.3	25.9