Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
Data File : BM015880.D
Acq On : 10 Jul 2018 22:38
Operator : SJ/JU
Sample : J3914-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SMH

Quant Time: Jul 11 03:47:45 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	58934	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	240441	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	152281	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	373504	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	382729	20.00	ng	-0.02
86) Perylene-d12	24.15	264	339348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	587038	170.83	ng	-0.02
7) Phenol-d6	7.45	99	693619	147.44	ng	-0.02
23) Nitrobenzene-d5	9.49	82	554541	112.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	370714	186.31	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1245905	101.57	ng	-0.02
78) Terphenyl-d14	20.21	244	2695379	130.63	ng	-0.01
Target Compounds						Qvalue

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

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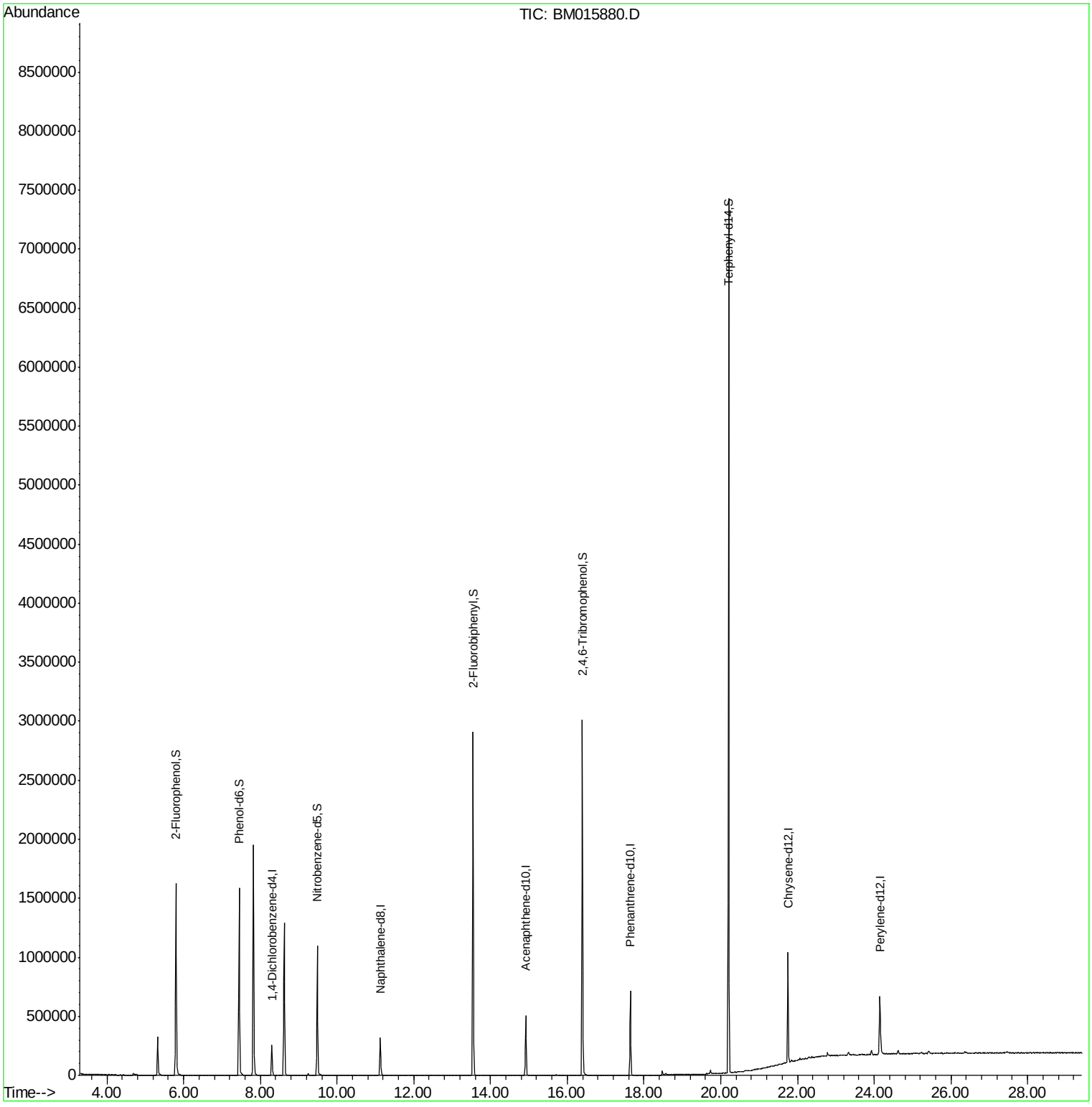
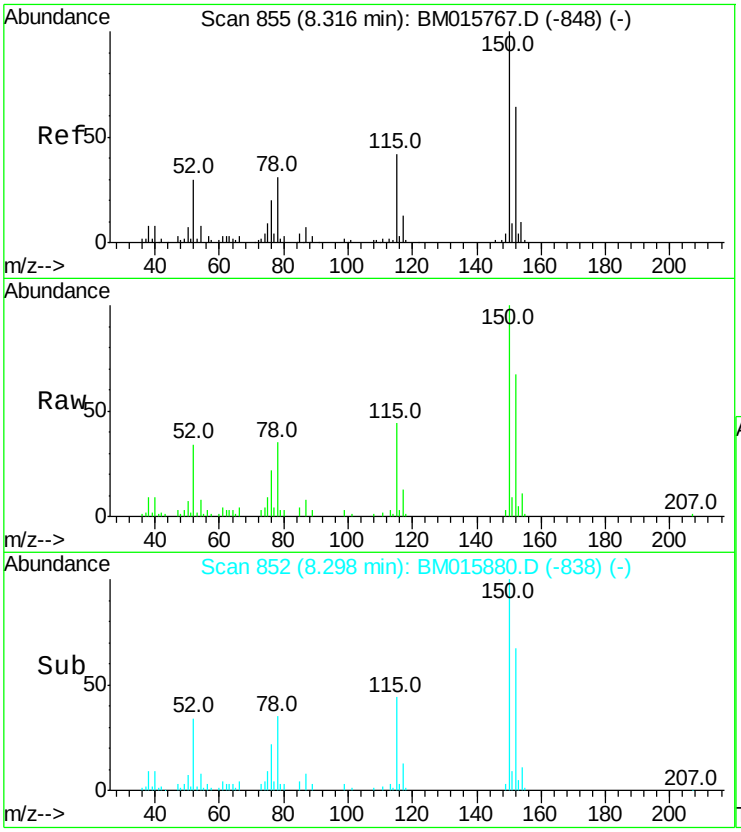


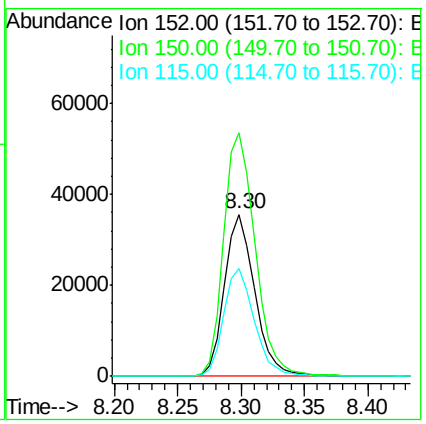


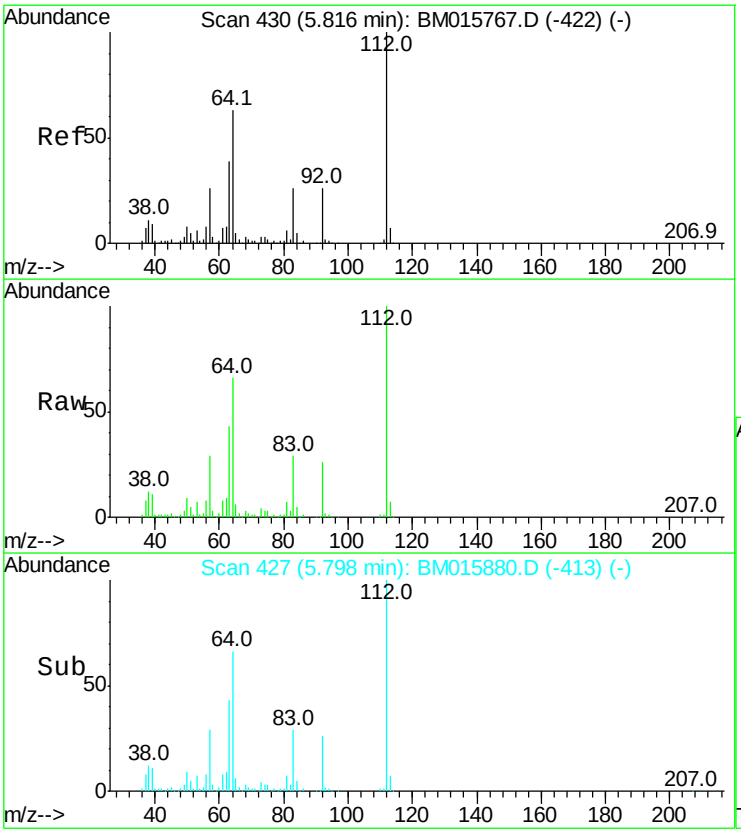
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Instrument :
BNA_M
ClientSampleId :
SMH

Tgt Ion:152 Resp: 58934

Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	66.5	43.0	64.4#

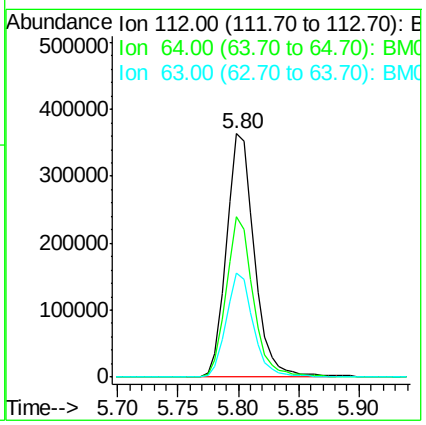


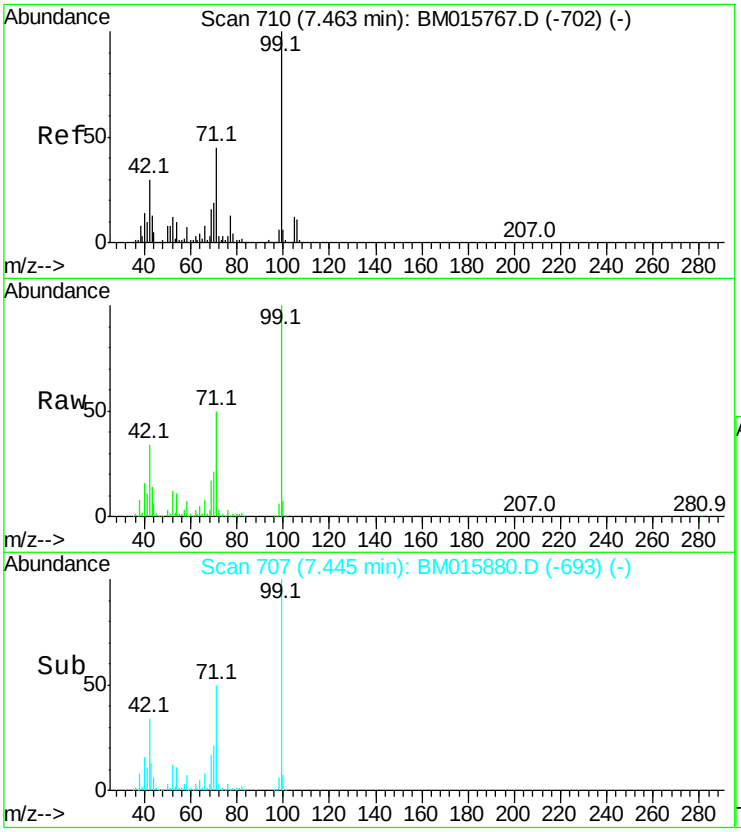


#5
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Tgt Ion:112 Resp: 587038

Ion	Ratio	Lower	Upper
112	100		
64	65.6	38.6	57.8#
63	42.9	19.3	28.9#



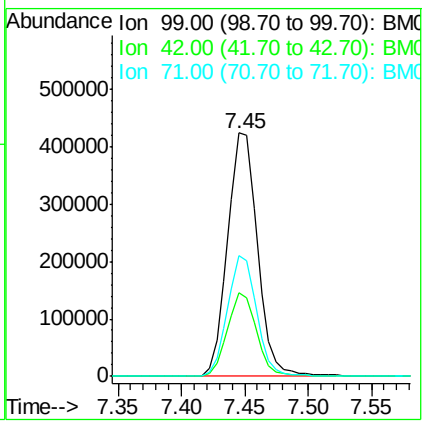


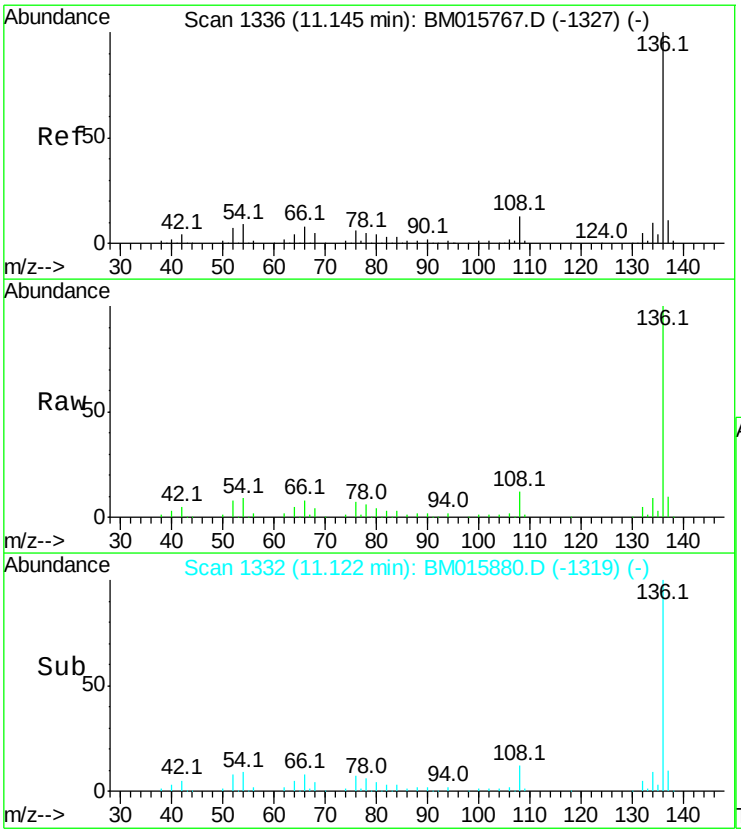
#7
Phenol-d6
Concen: N.D. ng
RT: 7.45 min Scan# 707
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Instrument :
BNA_M
ClientSampleId :
SMH

Tgt Ion: 99 Resp: 693619

Ion	Ratio	Lower	Upper
99	100		
42	34.3	11.0	16.4#
71	49.5	23.4	35.2#

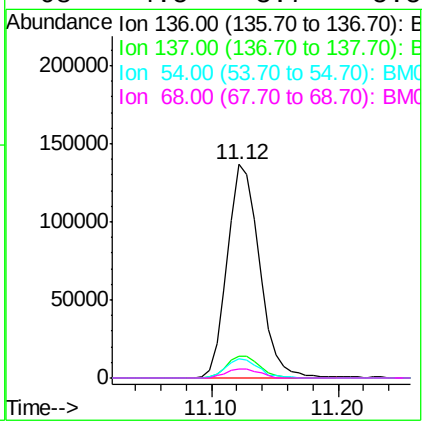


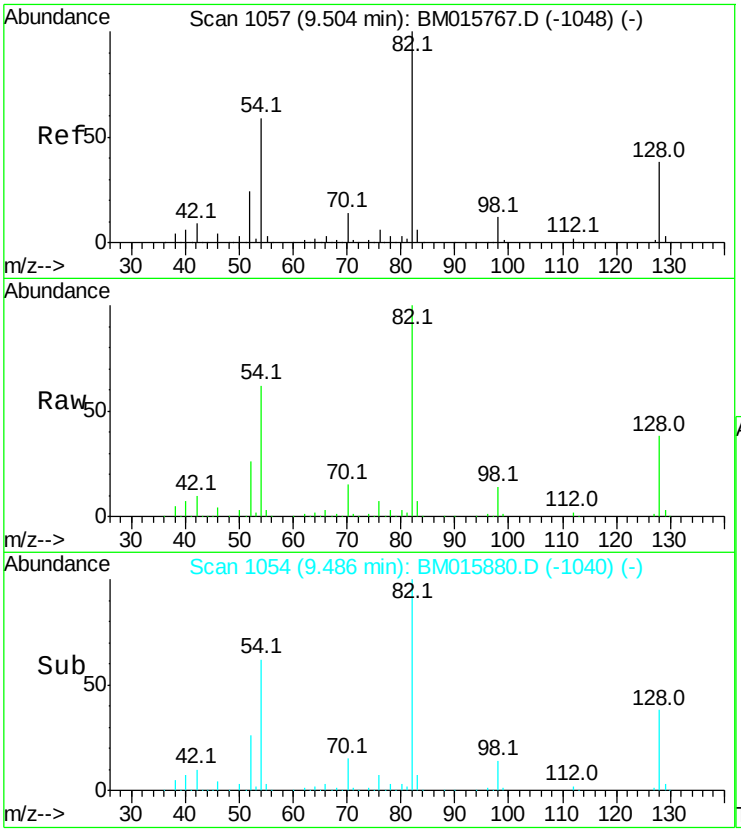


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Tgt Ion:136 Resp: 240441

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.0	4.6	6.8#
68	4.5	3.7	5.5



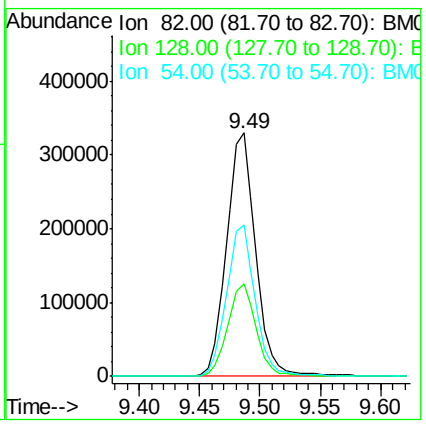


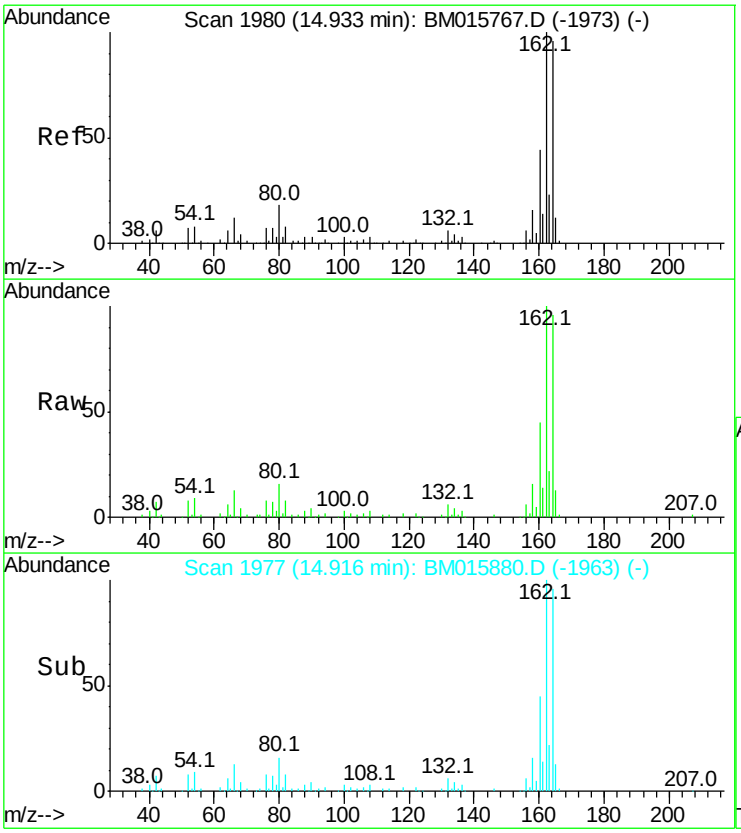
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Instrument :
BNA_M
ClientSampleId :
SMH

Tgt Ion: 82 Resp: 554541

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.8	49.2
54	62.1	40.6	60.8#

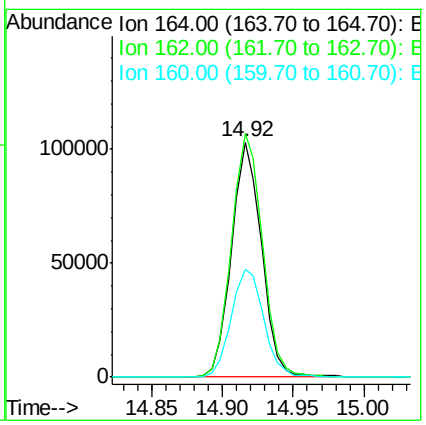


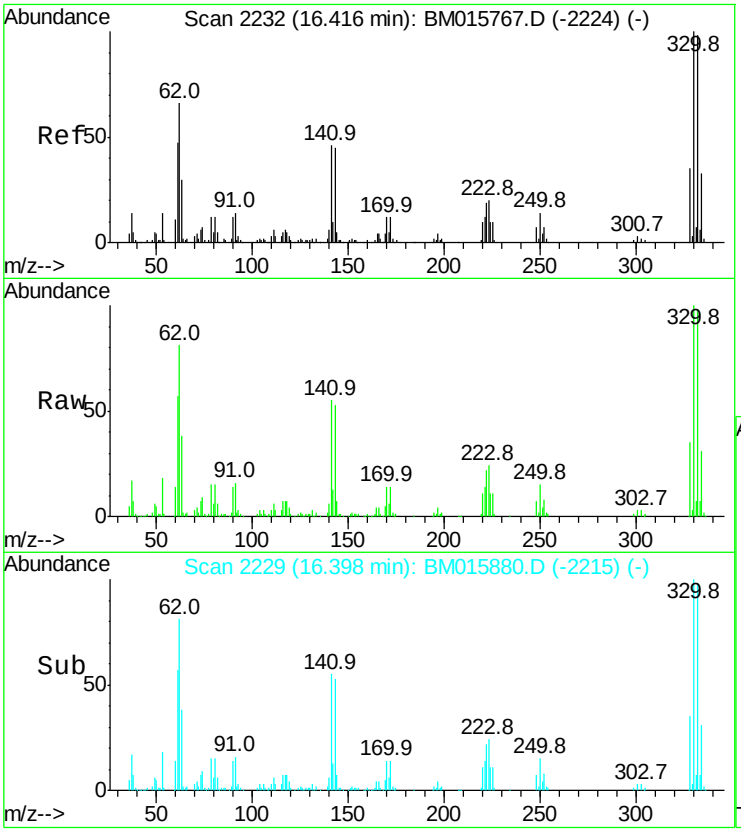


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Tgt Ion:164 Resp: 152281

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.4	123.6
160	46.2	35.8	53.6



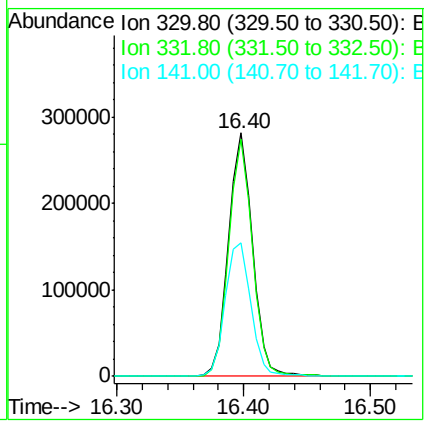


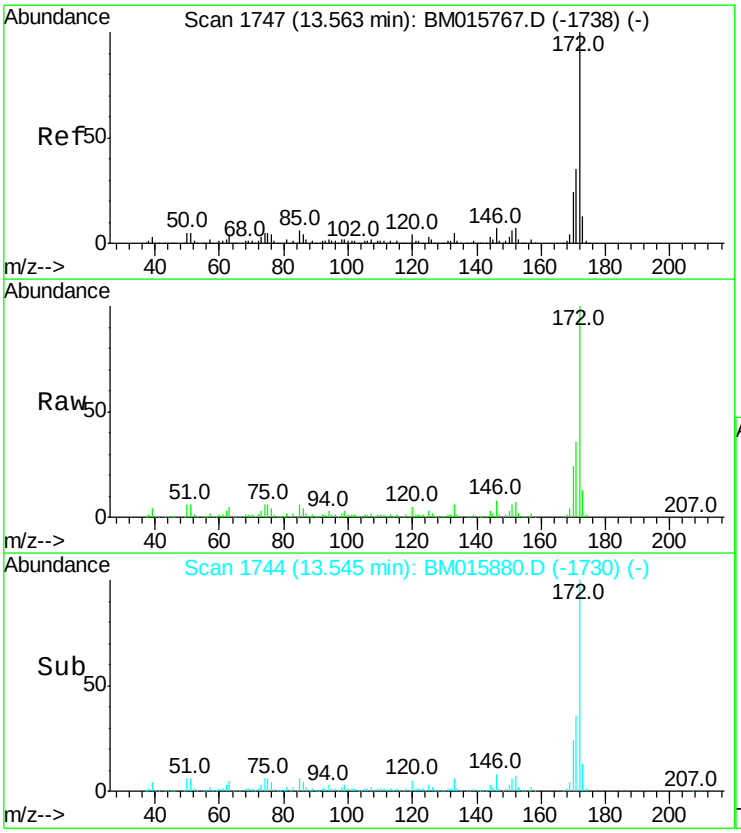
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.40 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Instrument :
BNA_M
ClientSampleId :
SMH

Tgt Ion:330 Resp: 370714

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	58.6	0.0	0.0#

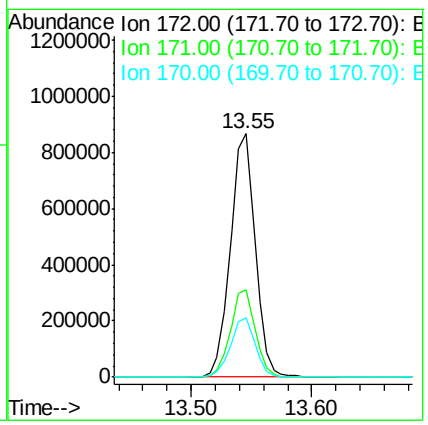


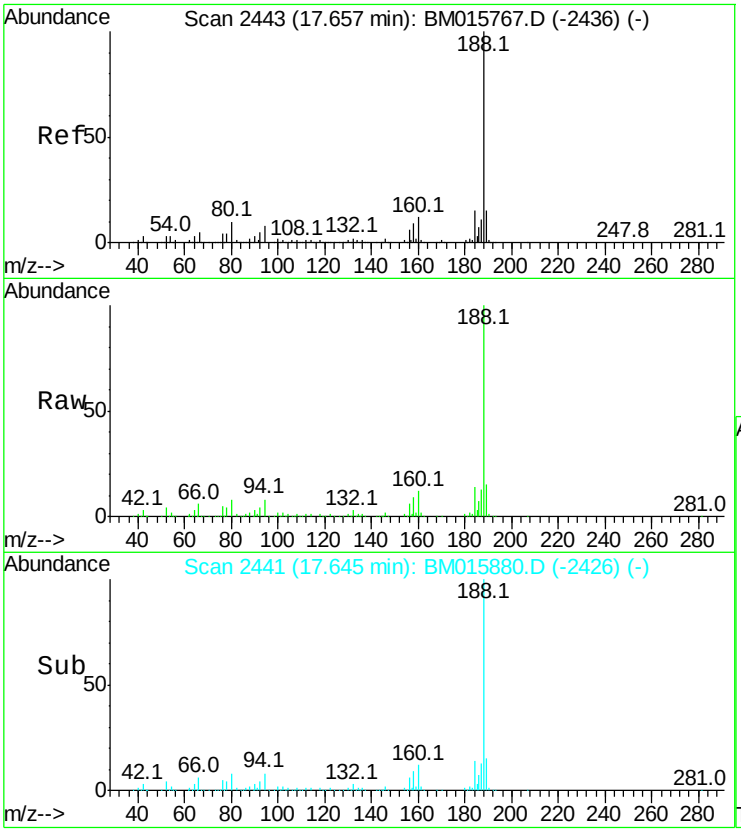


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.55 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Tgt Ion:172 Resp: 1245905

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.5	18.8	28.2



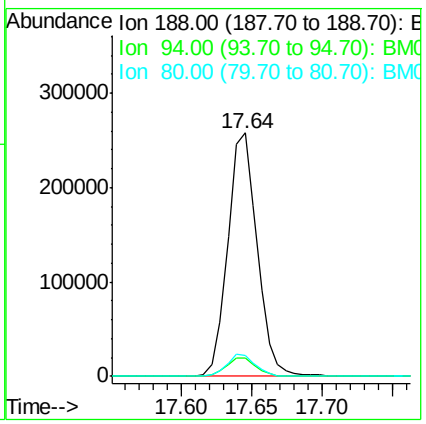


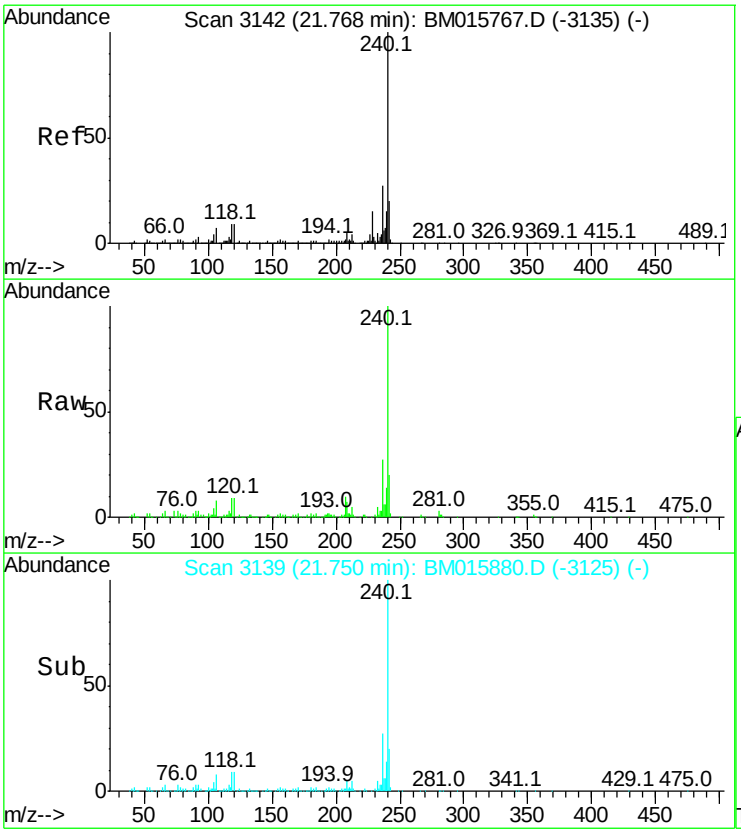
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Instrument :
BNA_M
ClientSampleId :
SMH

Tgt Ion:188 Resp: 373504

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	8.4	9.3	13.9#

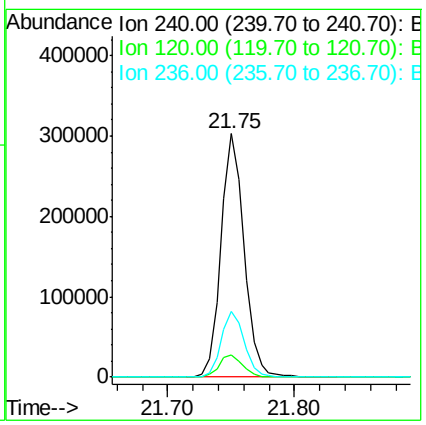


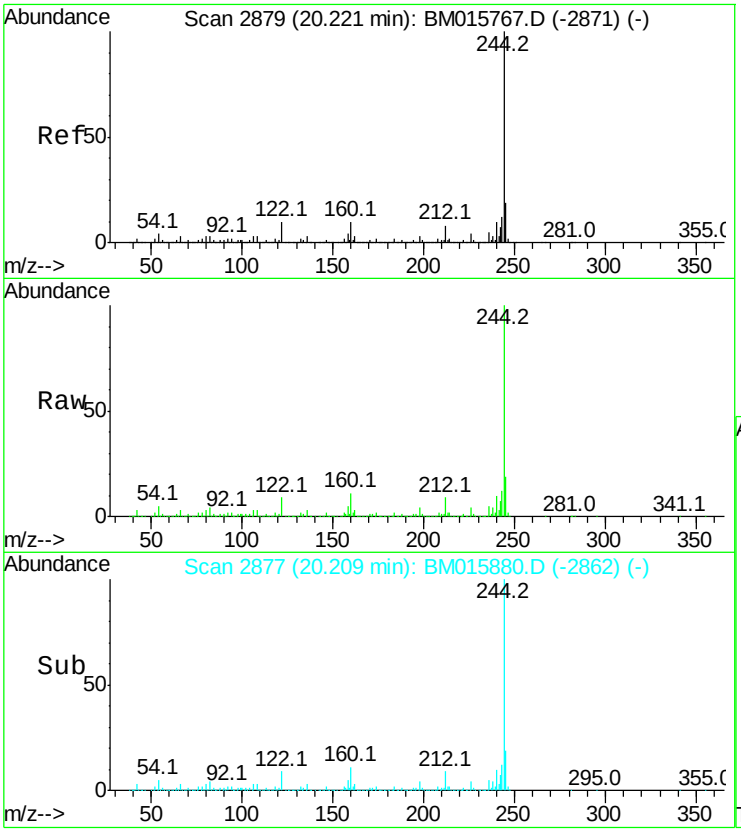


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Tgt Ion:240 Resp: 382729

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	27.0	20.0	30.0



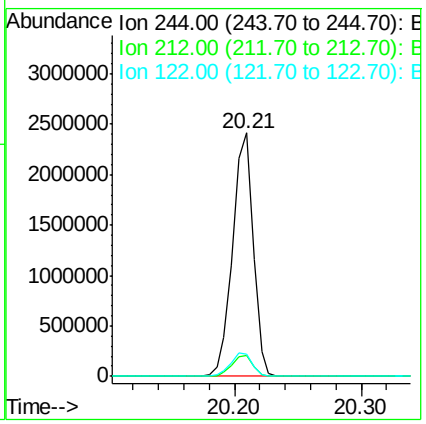


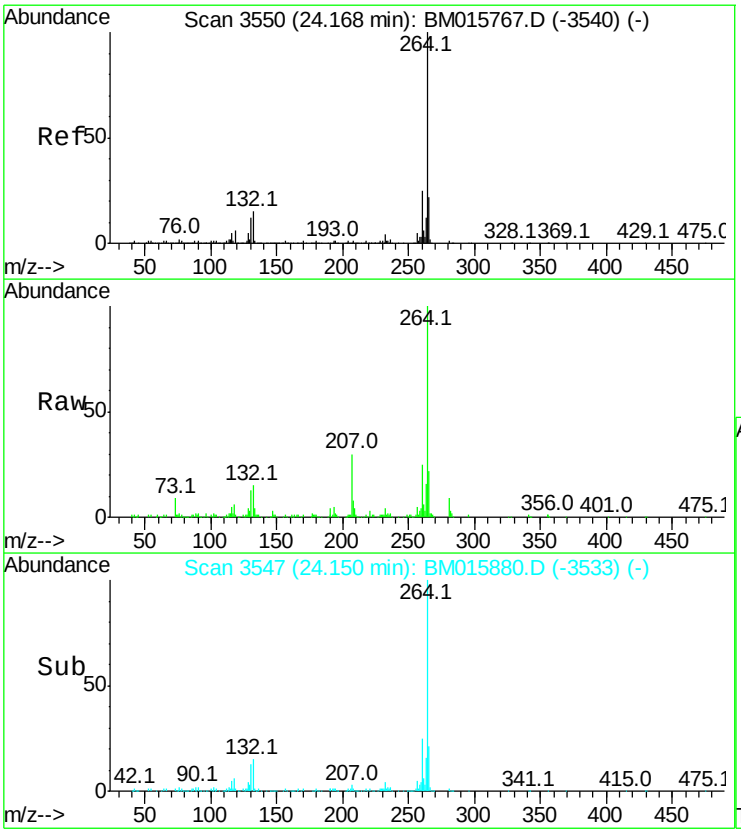
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Instrument :
BNA_M
ClientSampleId :
SMH

Tgt Ion:244 Resp: 2695379

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	9.1	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.15 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BM015880.D
Acq: 10 Jul 2018 22:38

Tgt Ion:264 Resp: 339348

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	22.1	17.3	25.9