Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015777.D
Acq On : 05 Jul 2018 21:08
Operator : SJ/JU
Sample : J3840-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-6-D

Quant Time: Jul 06 06:49:32 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	8.31	152	119711	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	479540	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	276249	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	636844	20.00	ng	0.00
75) Chrysene-d12	21.76	240	660230	20.00	ng	0.00
86) Perylene-d12	24.17	264	589963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	971094	139.12	ng	0.00
7) Phenol-d6	7.47	99	1121038	117.31	ng	0.00
23) Nitrobenzene-d5	9.50	82	961976	97.88	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	597960	165.66	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2071398	93.09	ng	0.00
78) Terphenyl-d14	20.22	244	3992529	112.17	ng	0.00
Target Compounds						Qvalue

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

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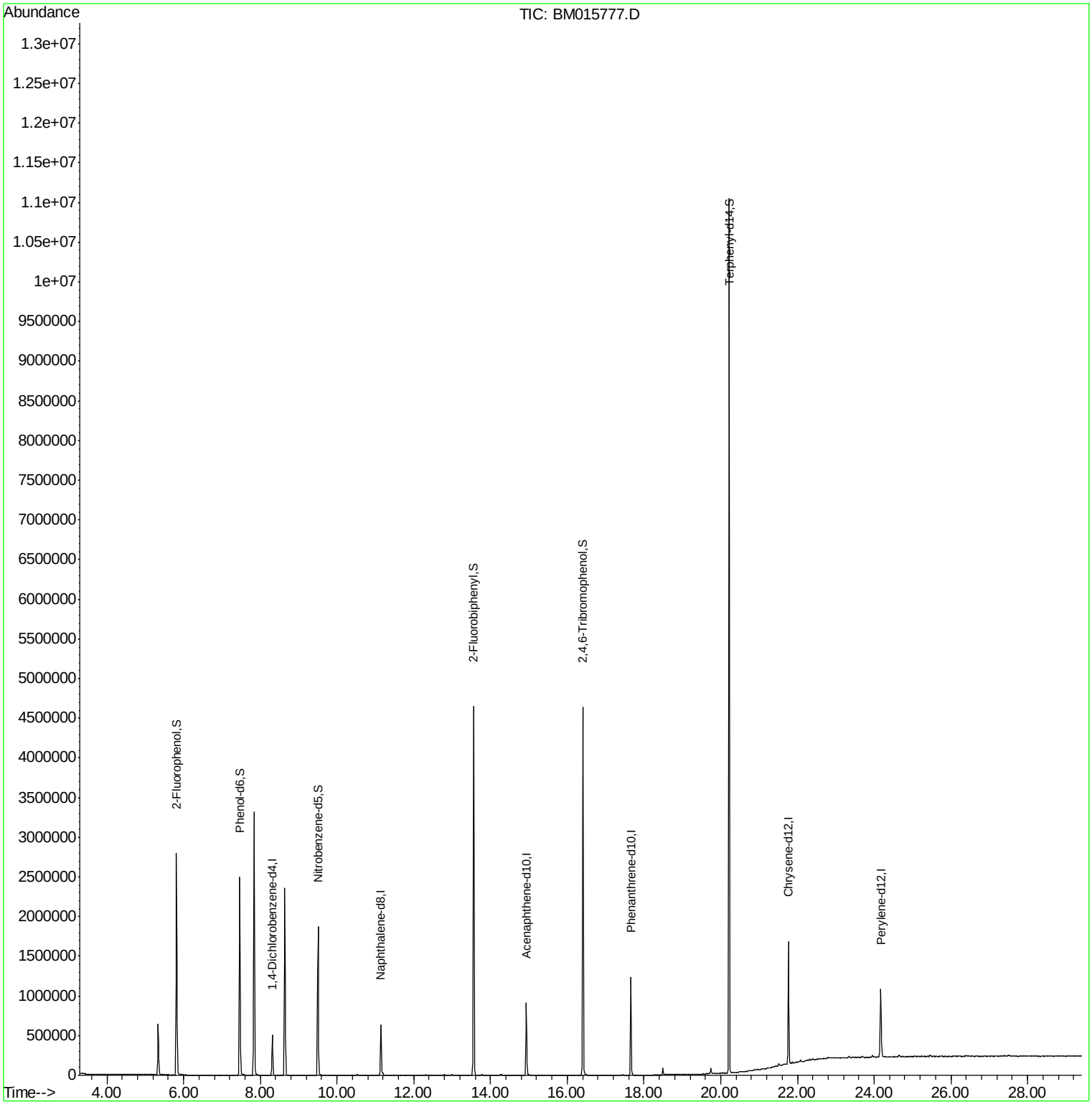
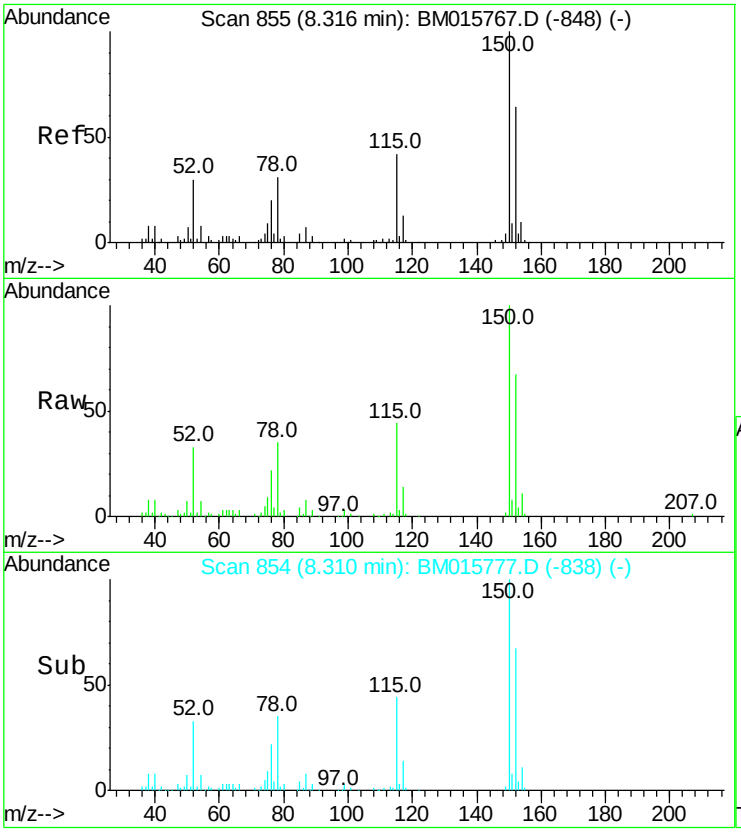


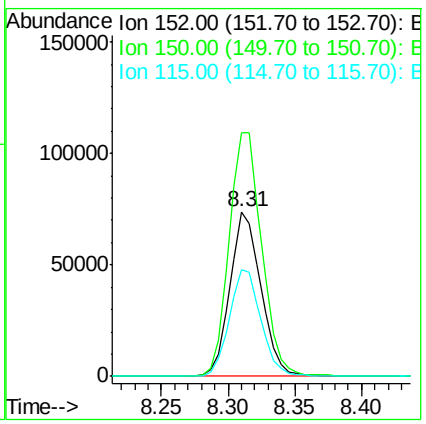


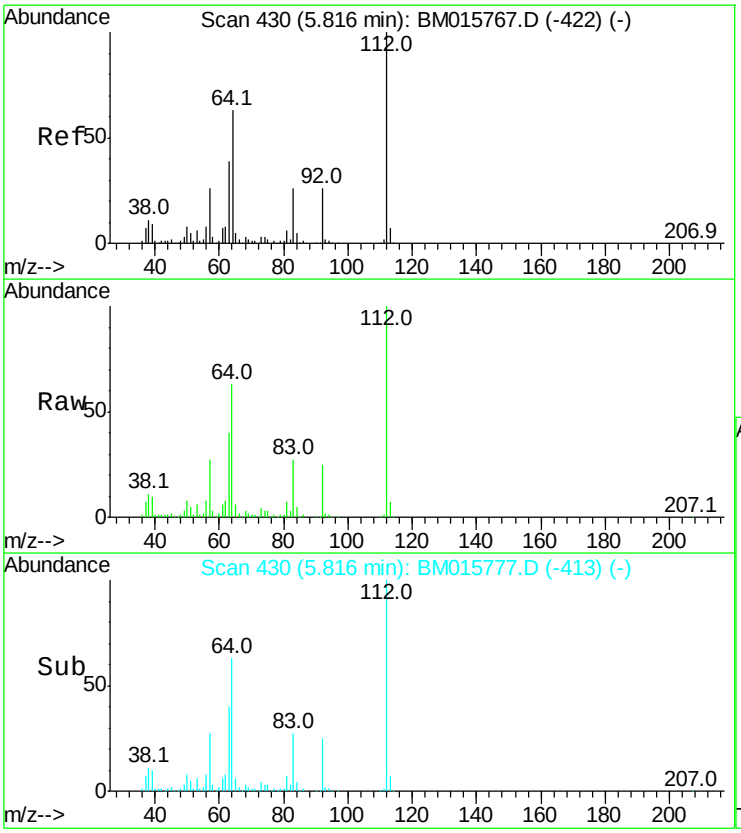
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Instrument :
BNA_M
ClientSampleId :
TP-6-D

Tgt Ion:152 Resp: 119711

Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	65.0	43.0	64.4#

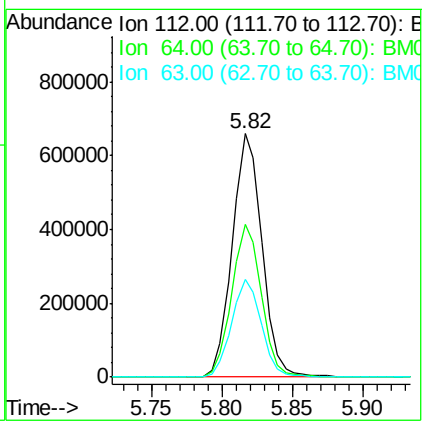


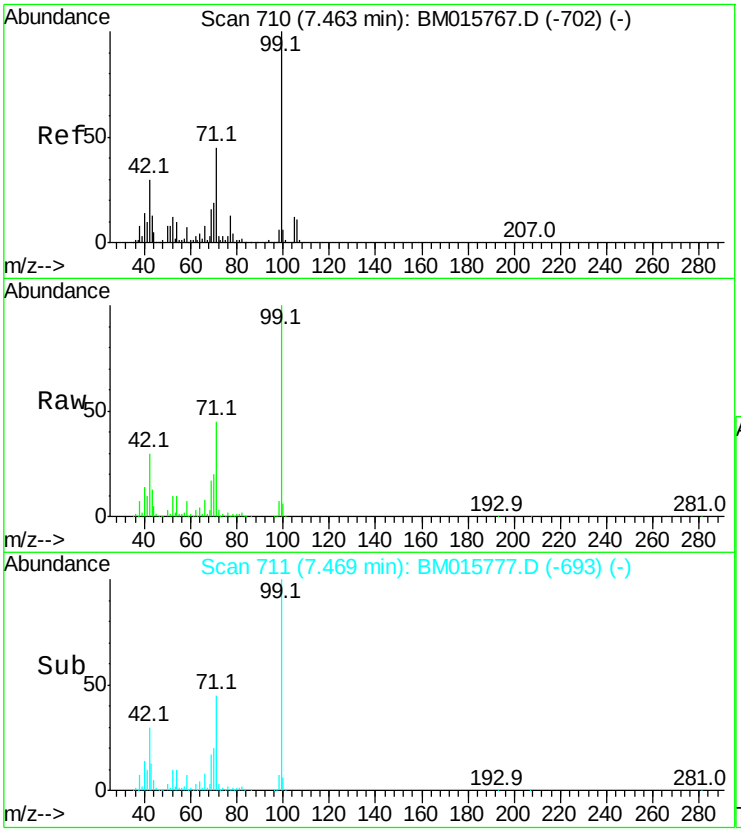


#5
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion:112 Resp: 971094

Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	39.9	19.3	28.9#



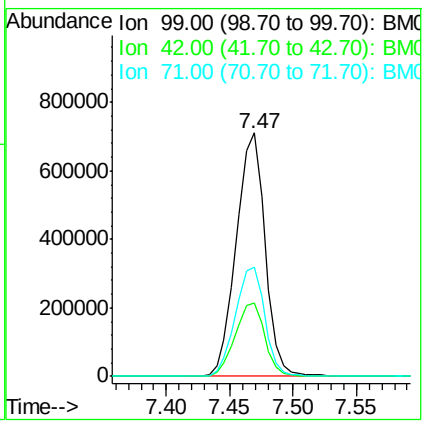


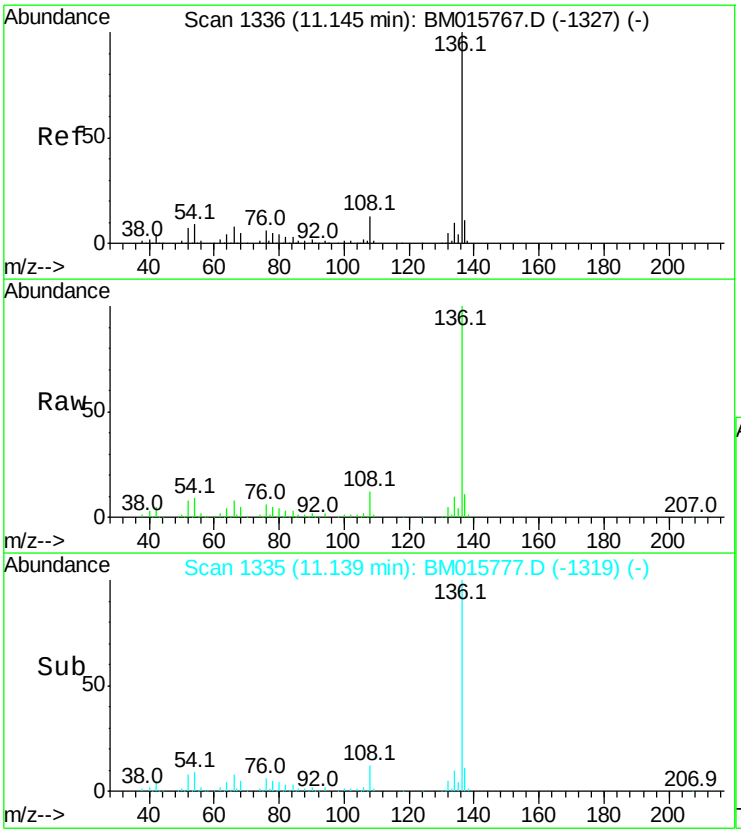
#7
Phenol-d6
Concen: N.D. ng
RT: 7.47 min Scan# 711
Delta R.T. 0.01 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Instrument :
BNA_M
ClientSampleId :
TP-6-D

Tgt Ion: 99 Resp: 1121038

Ion	Ratio	Lower	Upper
99	100		
42	30.3	11.0	16.4#
71	44.9	23.4	35.2#

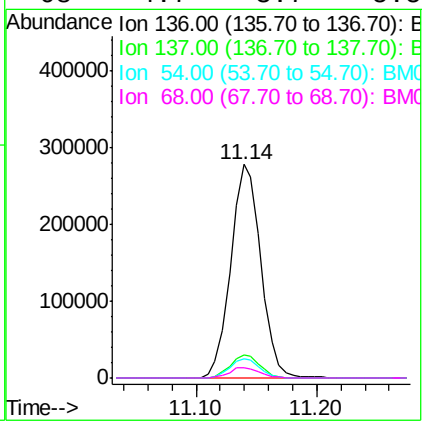


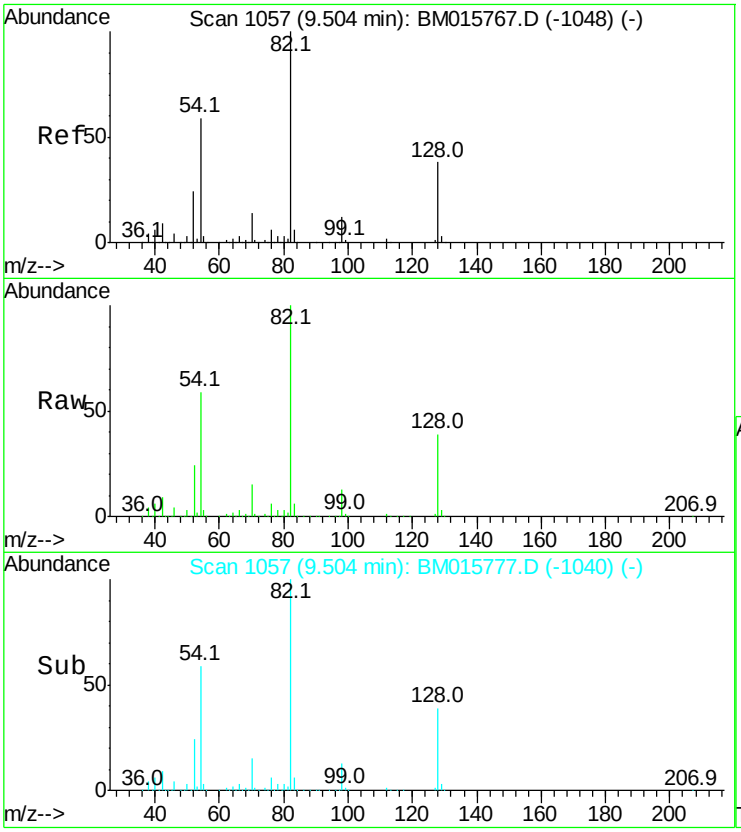


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion:136 Resp: 479540

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.2	4.6	6.8#
68	4.7	3.7	5.5



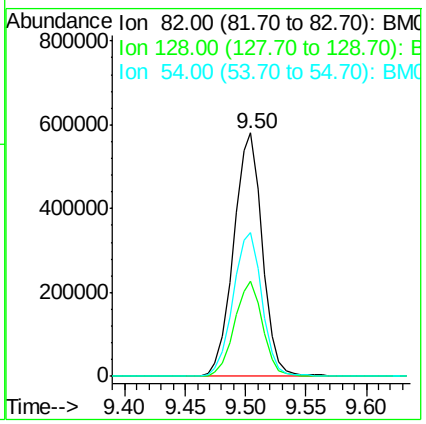


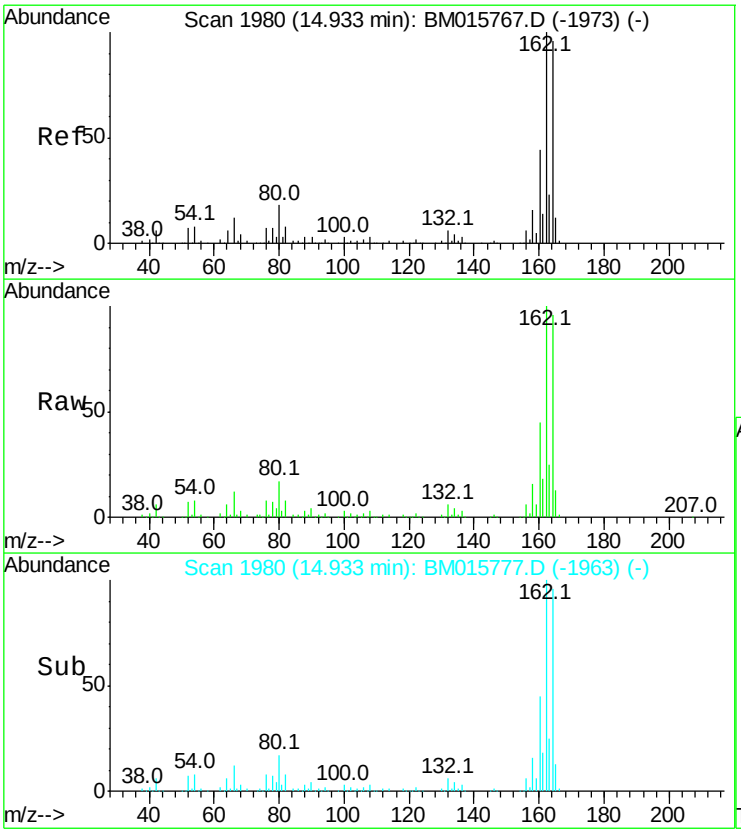
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Instrument :
BNA_M
ClientSampleId :
TP-6-D

Tgt Ion: 82 Resp: 961976

Ion	Ratio	Lower	Upper
82	100		
128	38.9	32.8	49.2
54	59.1	40.6	60.8

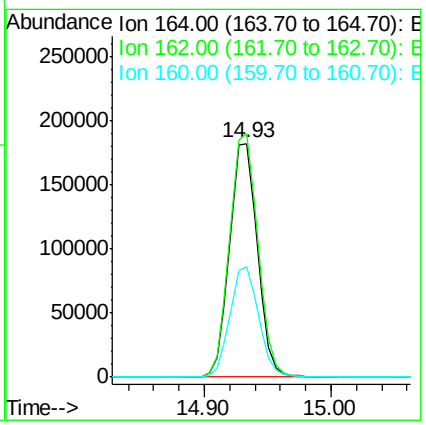


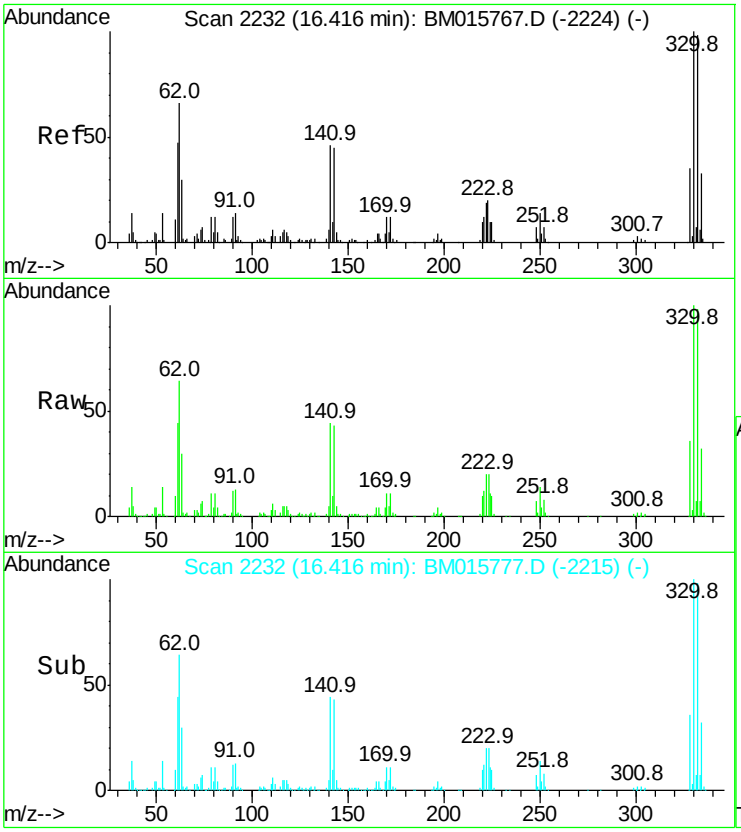


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion:164 Resp: 276249

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	47.2	35.8	53.6



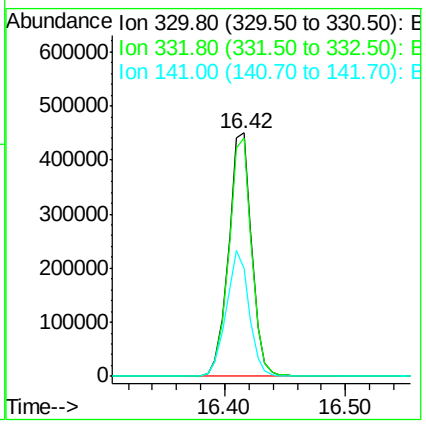


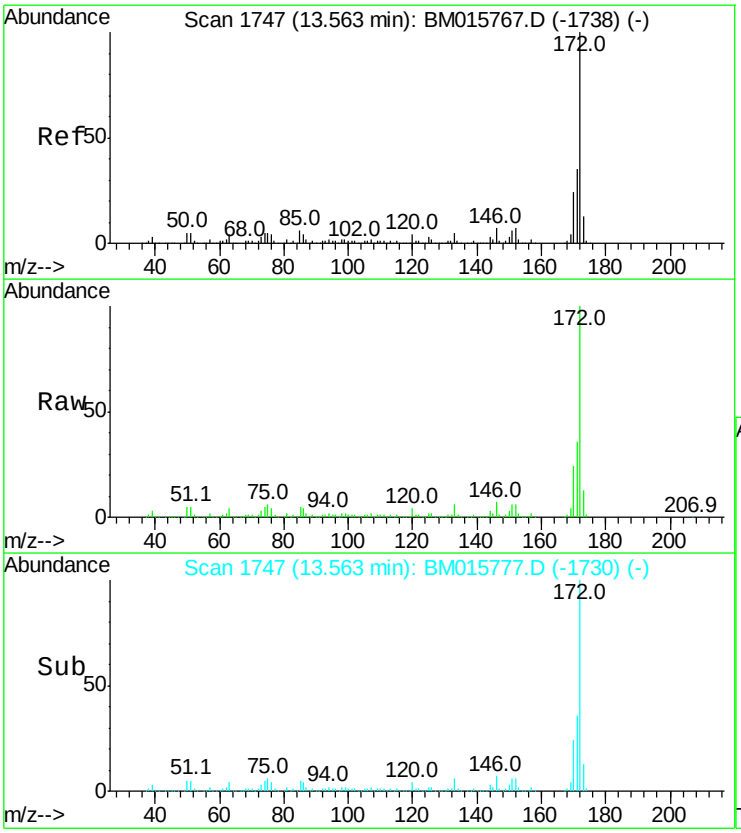
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.42 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Instrument :
BNA_M
ClientSampleId :
TP-6-D

Tgt Ion:330 Resp: 597960

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	51.1	0.0	0.0#

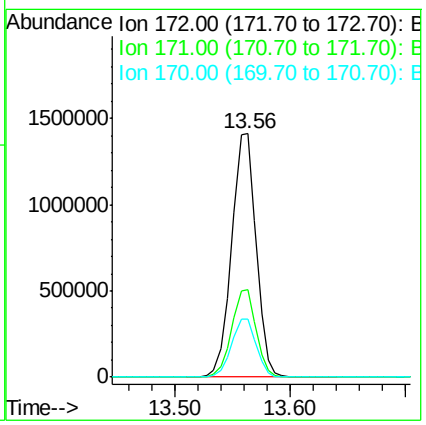


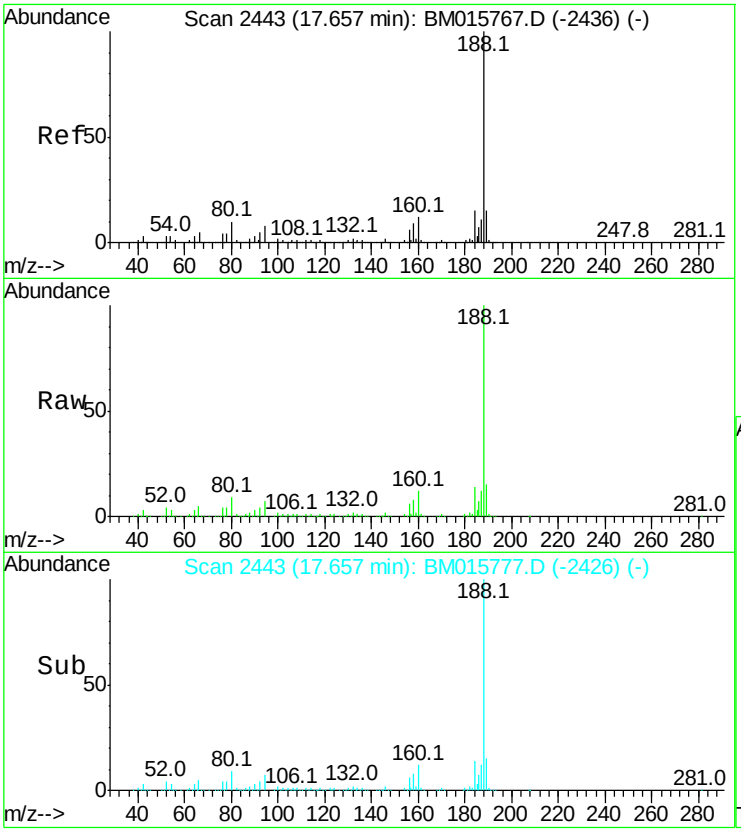


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion:172 Resp: 2071398

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.9	18.8	28.2



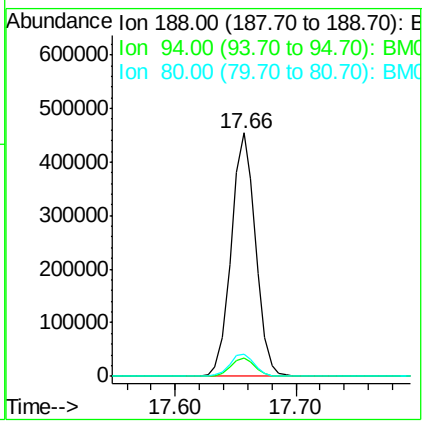


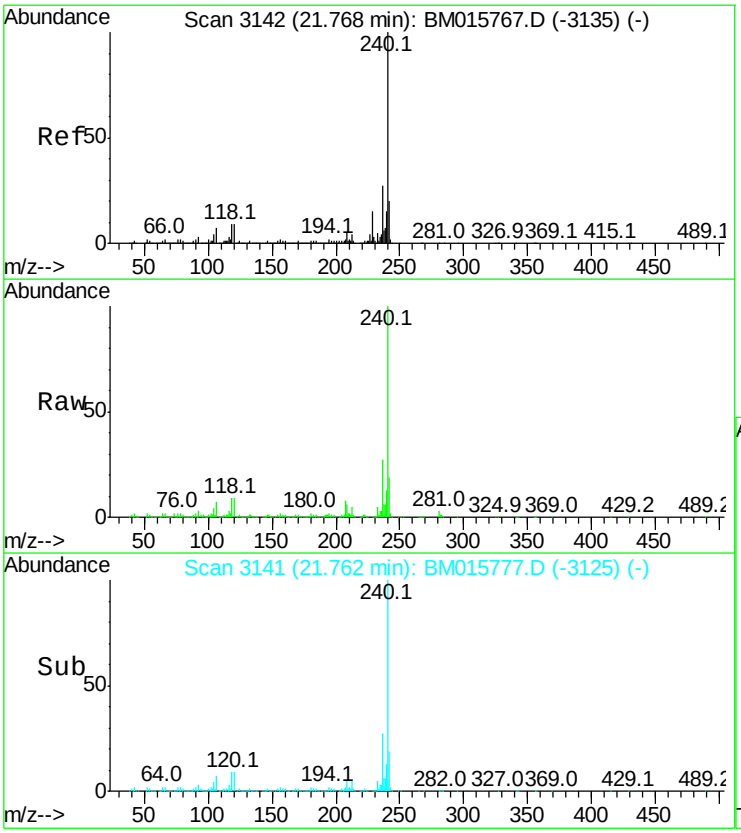
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Instrument : BNA_M
ClientSampleId : TP-6-D

Tgt Ion:188 Resp: 636844

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	9.0	9.3	13.9#

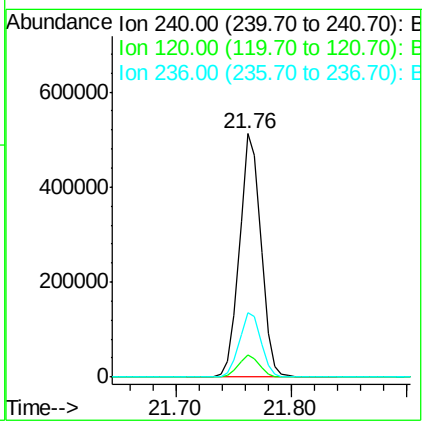


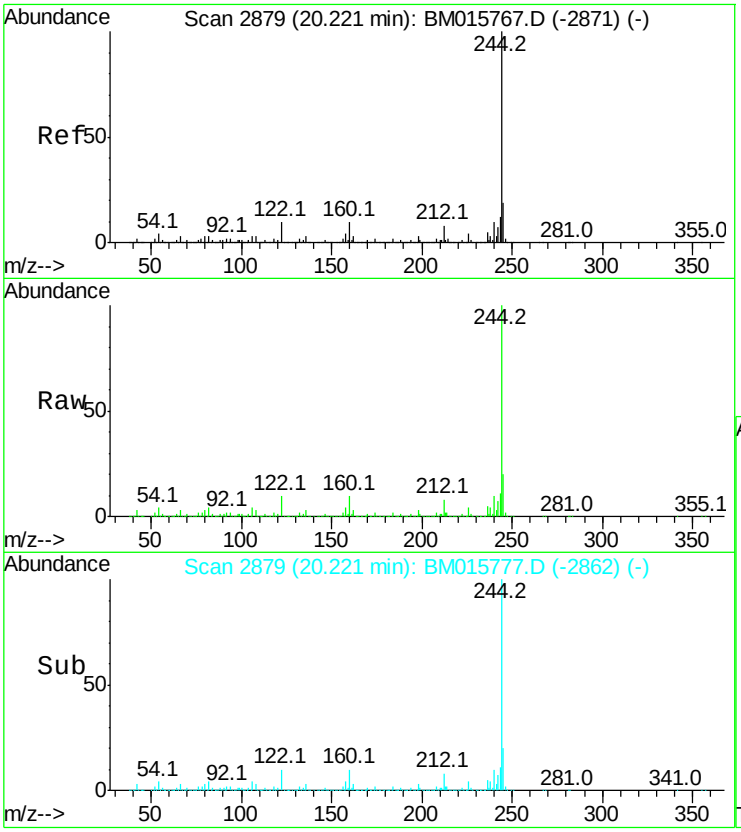


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion:240 Resp: 660230

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	26.6	20.0	30.0



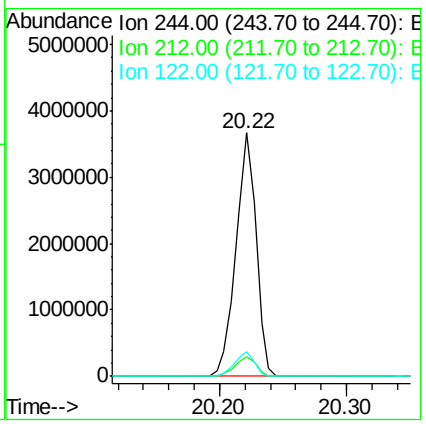


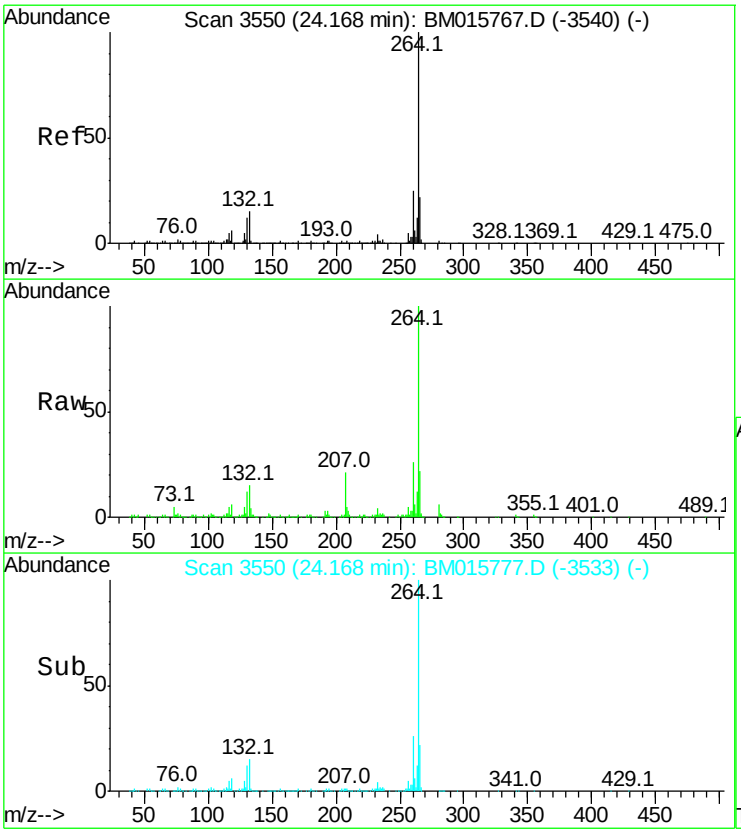
#78
Terphenyl-d14
Concen: Below ng
RT: 20.22 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Instrument :
BNA_M
ClientSampleId :
TP-6-D

Tgt Ion:244 Resp: 3992529

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	10.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.17 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion:264 Resp: 589963

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.6	27.8
265	22.4	17.3	25.9