Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016342.D
Acq On : 14 Aug 2018 02:33
Operator : SJ/JU
Sample : J4447-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-1-7

Quant Time: Aug 14 05:14:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21920	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	70917	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	34051	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	67582	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	83218	20.00	ng	-0.02
86) Perylene-d12	23.95	264	99557	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	174828	132.49	ng	-0.01
7) Phenol-d6	7.29	99	171621	99.59	ng	-0.01
23) Nitrobenzene-d5	9.30	82	170634	111.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	56939	131.84	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	298361	106.61	ng	-0.02
78) Terphenyl-d14	20.07	244	466816	117.42	ng	-0.02
Target Compounds						Qvalue

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

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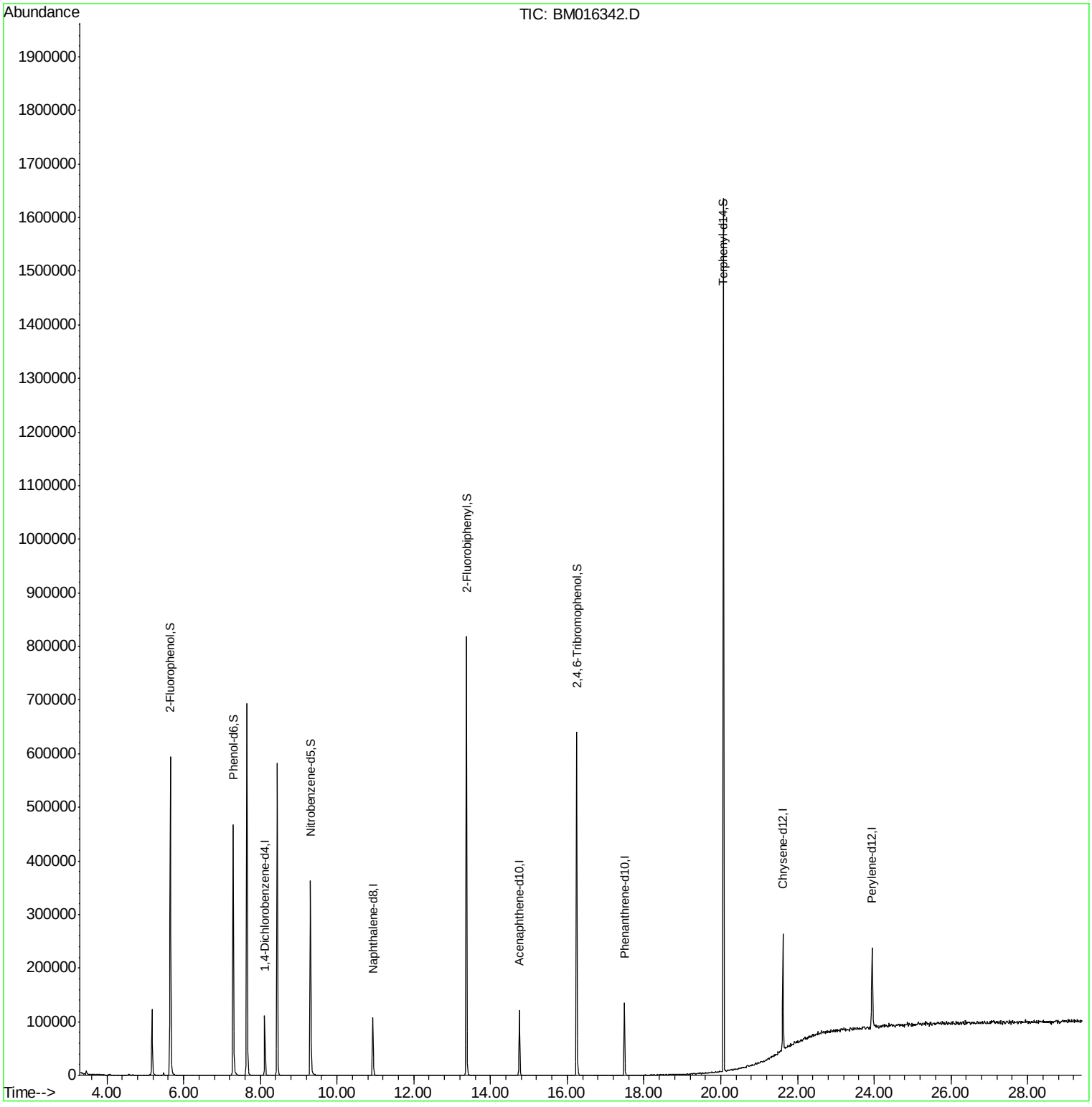
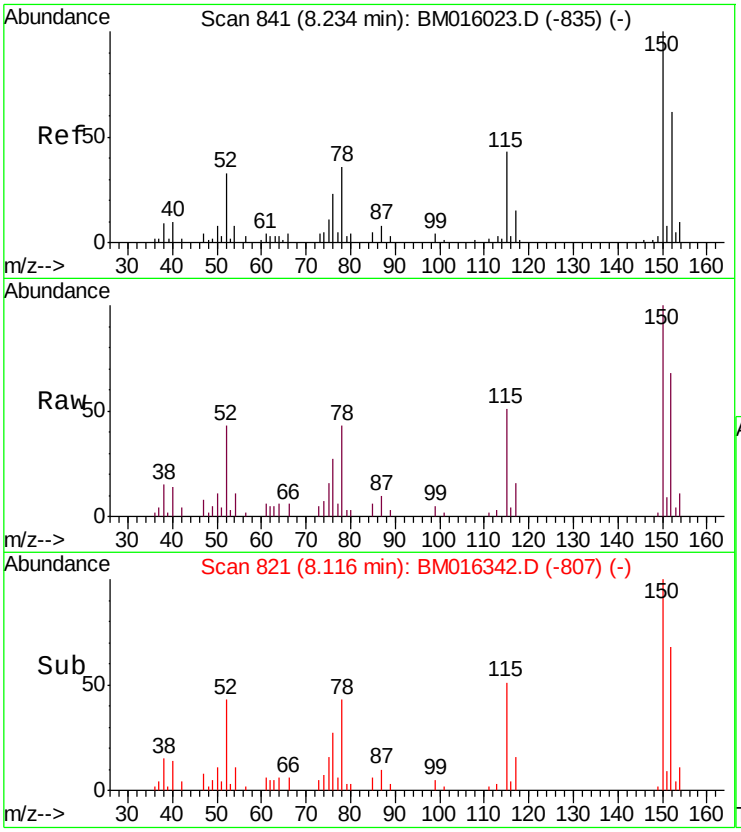


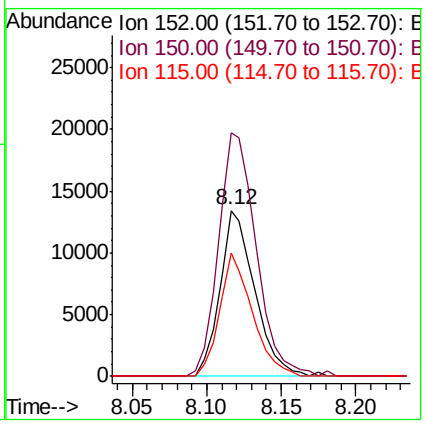


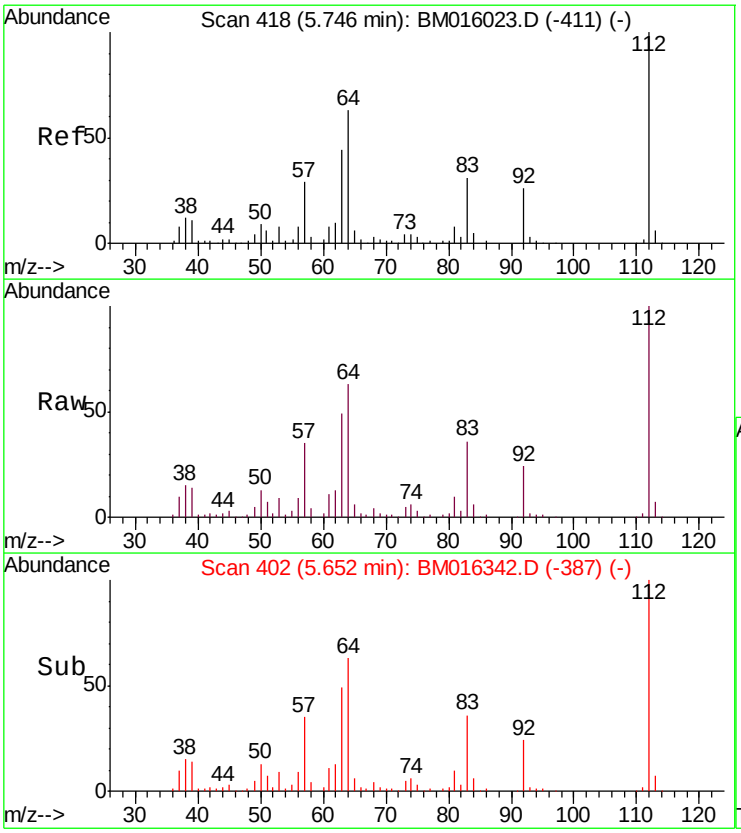
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:152 Resp: 21920

Ion	Ratio	Lower	Upper
152	100		
150	147.1	119.5	179.3
115	74.5	43.0	64.4#

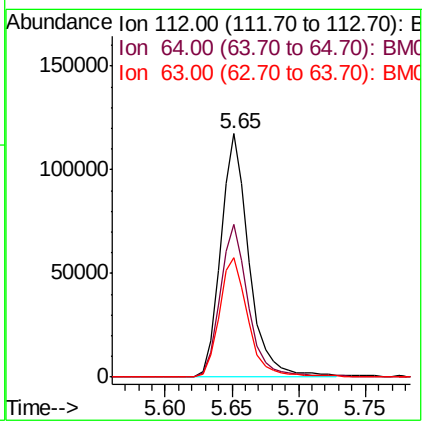


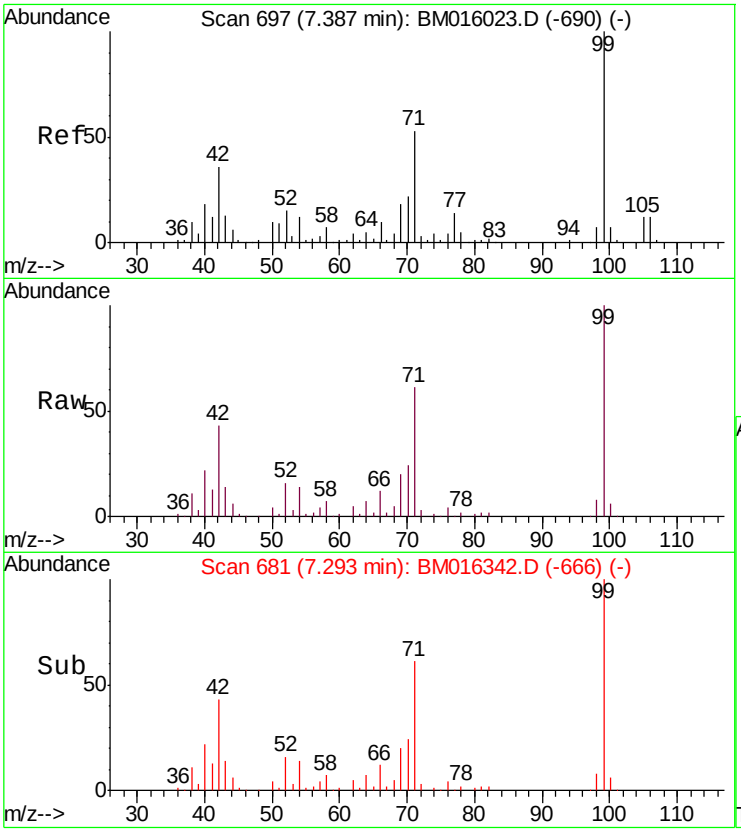


#5
2-Fluorophenol
Concen: Below ng
RT: 5.65 min Scan# 402
Delta R.T. -0.01 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Tgt Ion:112 Resp: 174828

Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	48.9	19.3	28.9#



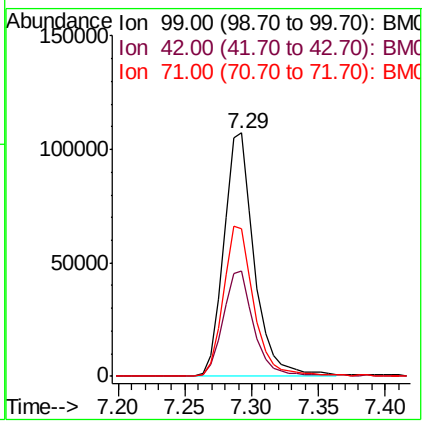


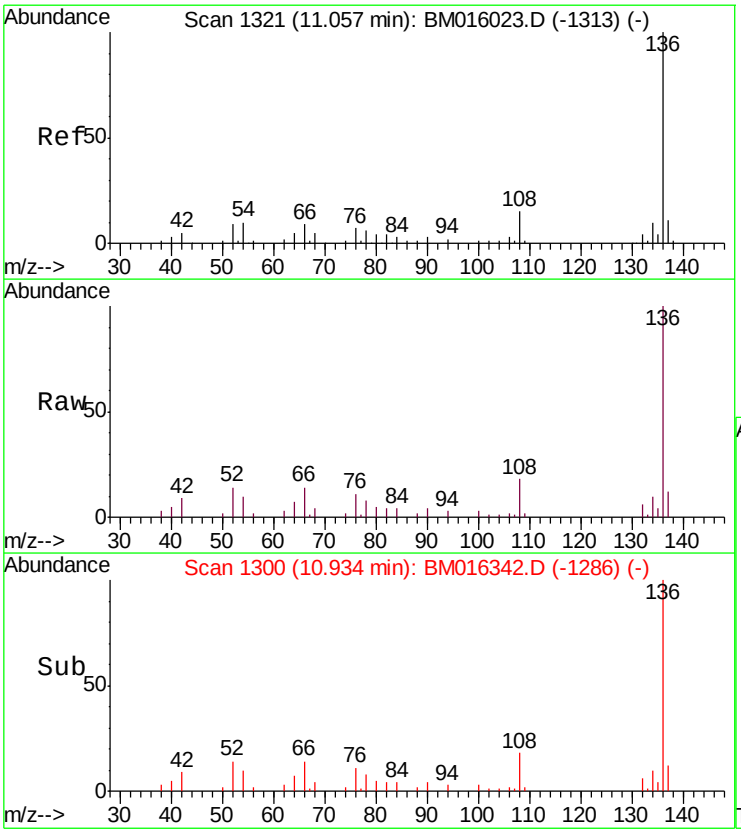
#7
Phenol-d6
Concen: N.D. ng
RT: 7.29 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion: 99 Resp: 171621

Ion	Ratio	Lower	Upper
99	100		
42	43.3	11.0	16.4#
71	60.7	23.4	35.2#

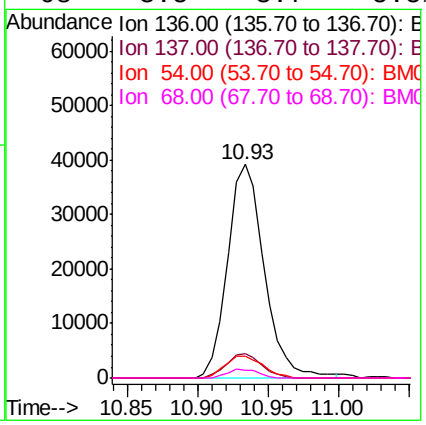


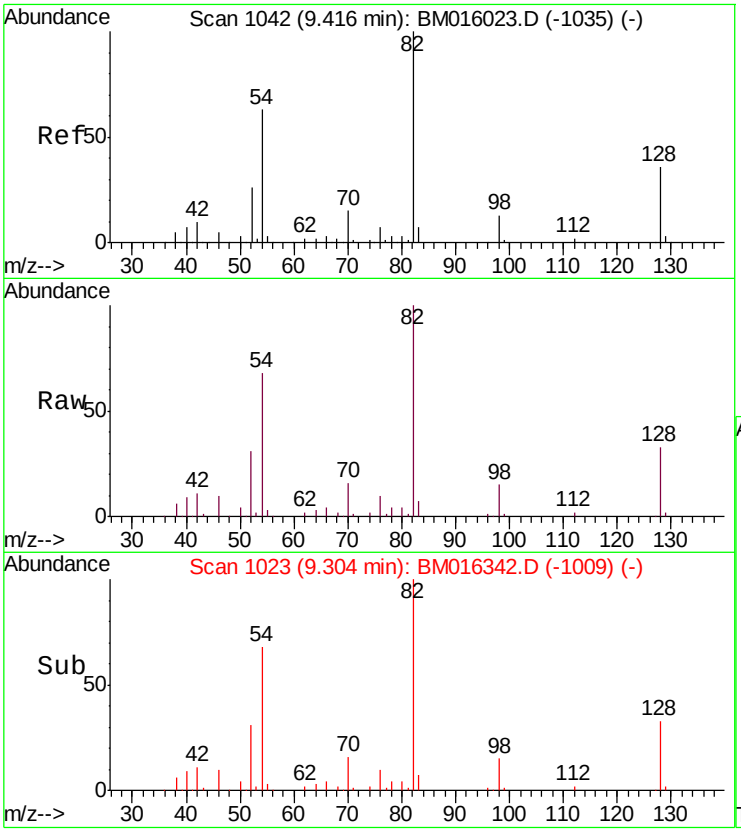


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Tgt Ion:136 Resp: 70917

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.3	4.6	6.8#
68	3.5	3.7	5.5#



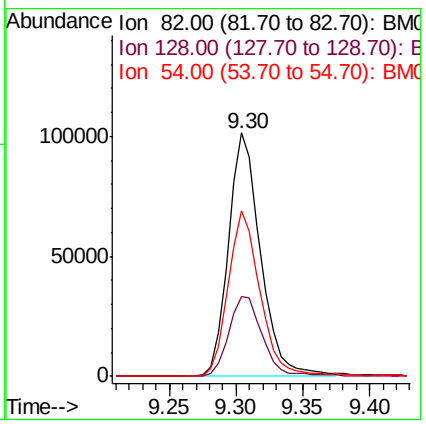


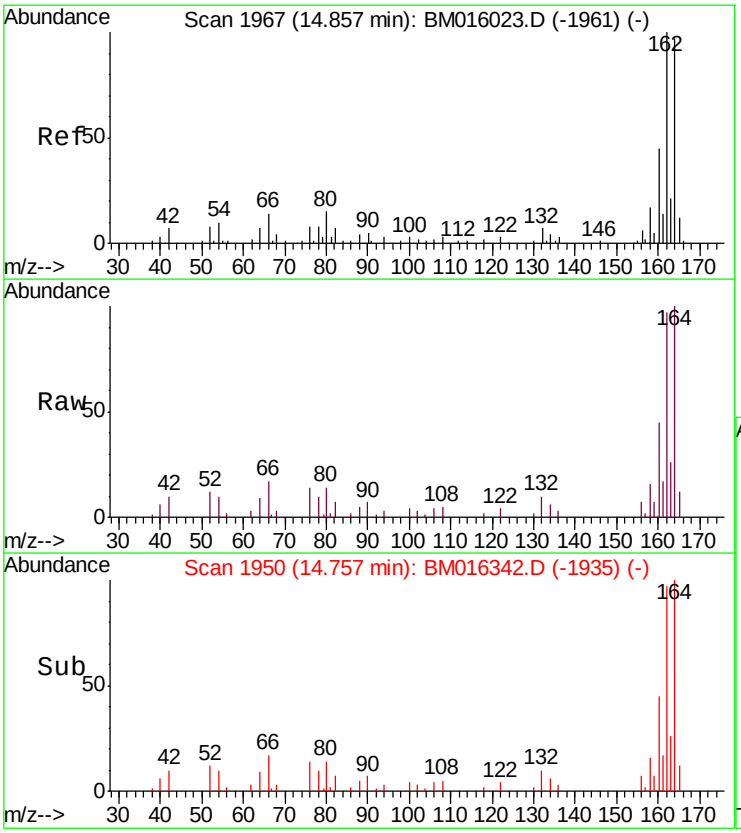
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion: 82 Resp: 170634

Ion	Ratio	Lower	Upper
82	100		
128	32.7	32.8	49.2#
54	67.9	40.6	60.8#

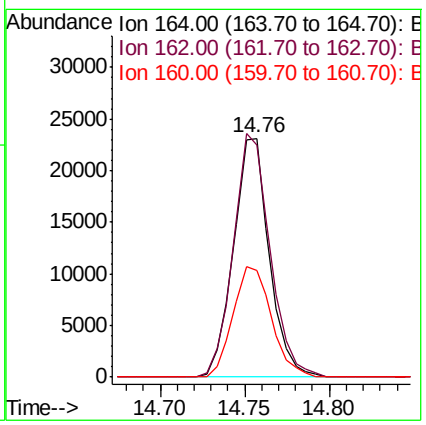


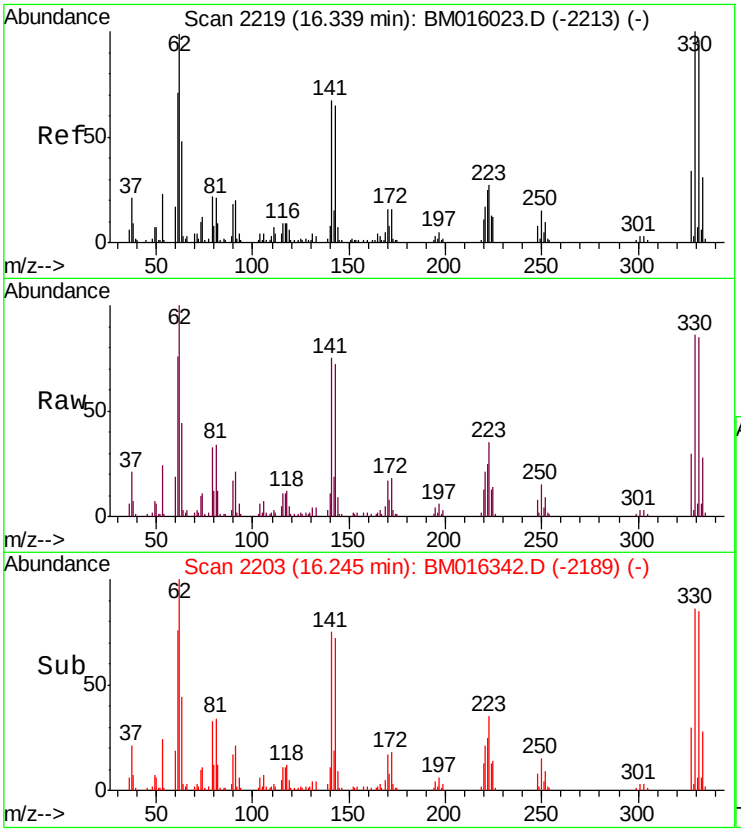


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Tgt Ion:164 Resp: 34051

Ion	Ratio	Lower	Upper
164	100		
162	97.2	82.4	123.6
160	44.7	35.8	53.6



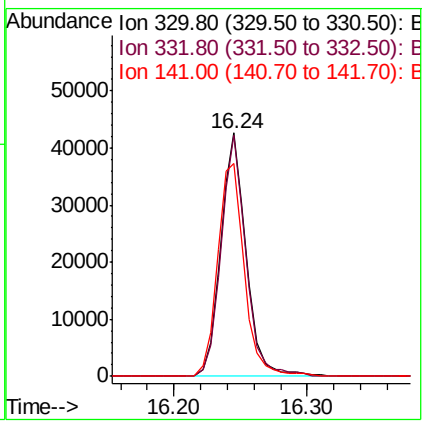


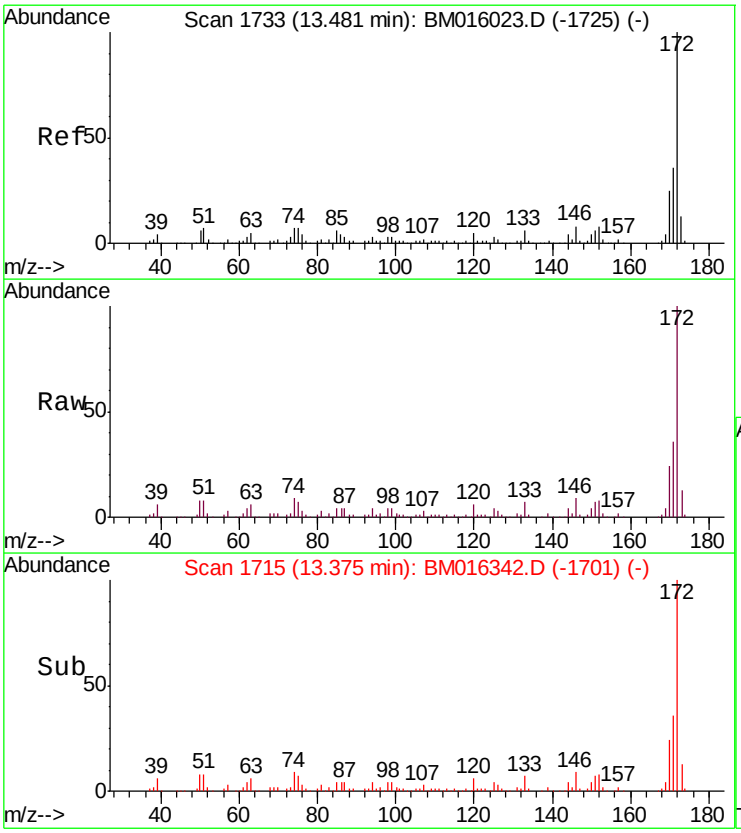
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:330 Resp: 56939

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	92.3	0.0	0.0#

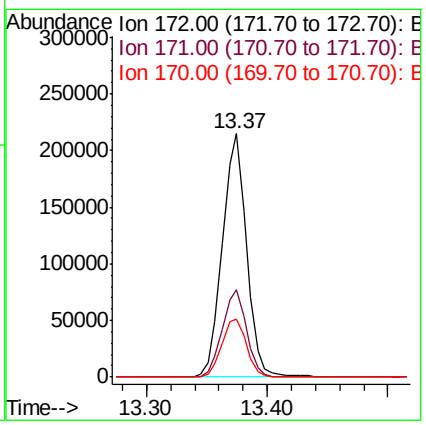


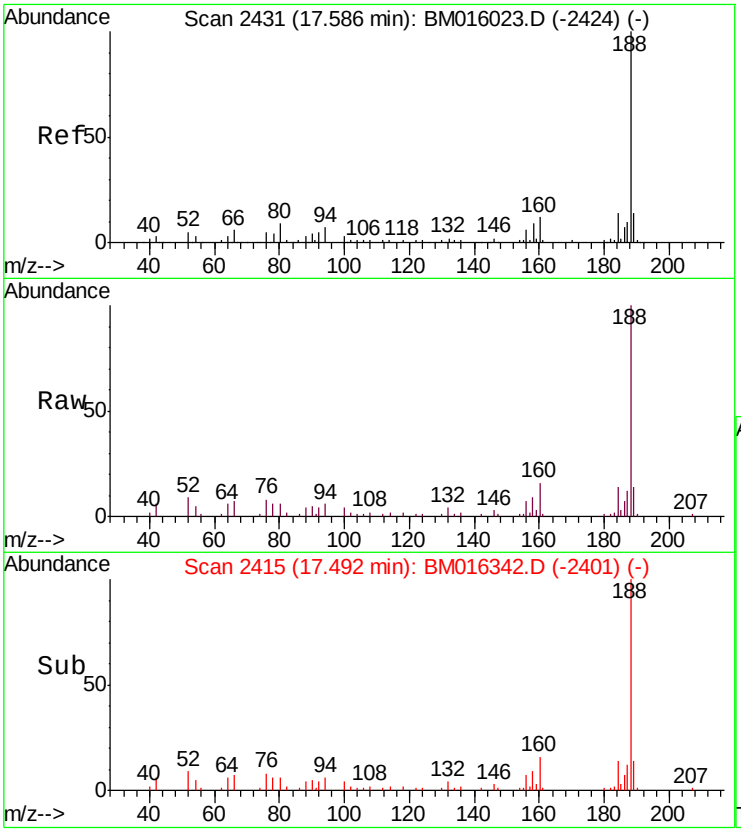


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Tgt Ion:172 Resp: 298361

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.9	18.8	28.2



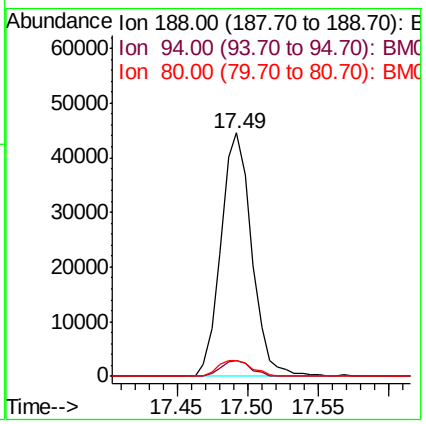


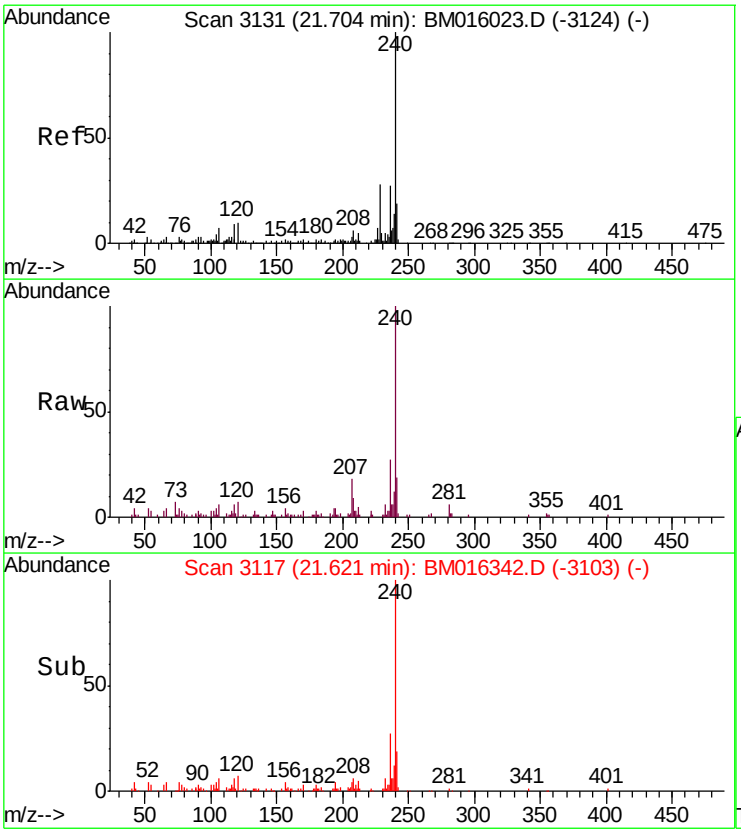
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:188 Resp: 67582

Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	6.2	9.3	13.9#

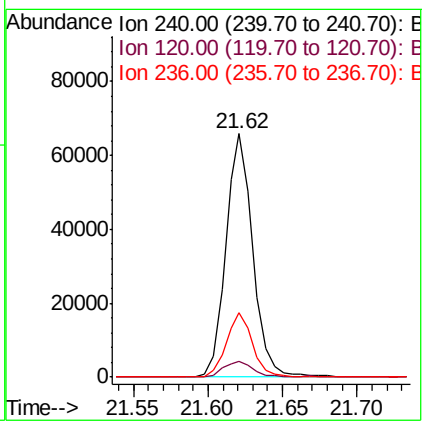


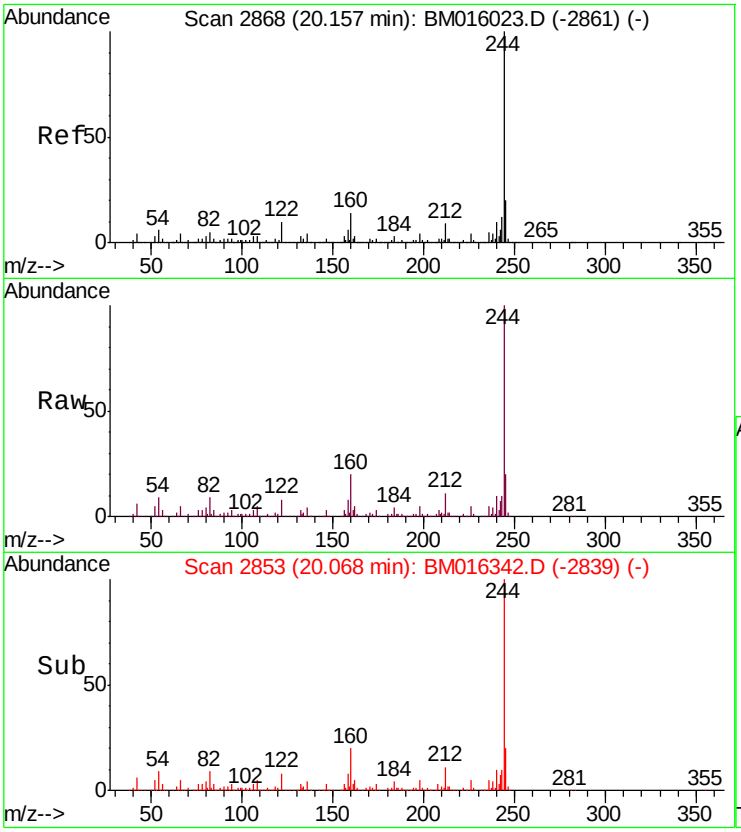


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Tgt Ion:240 Resp: 83218

Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.2	12.2#
236	26.5	20.0	30.0



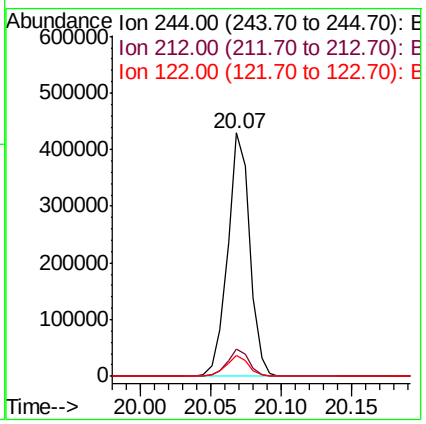


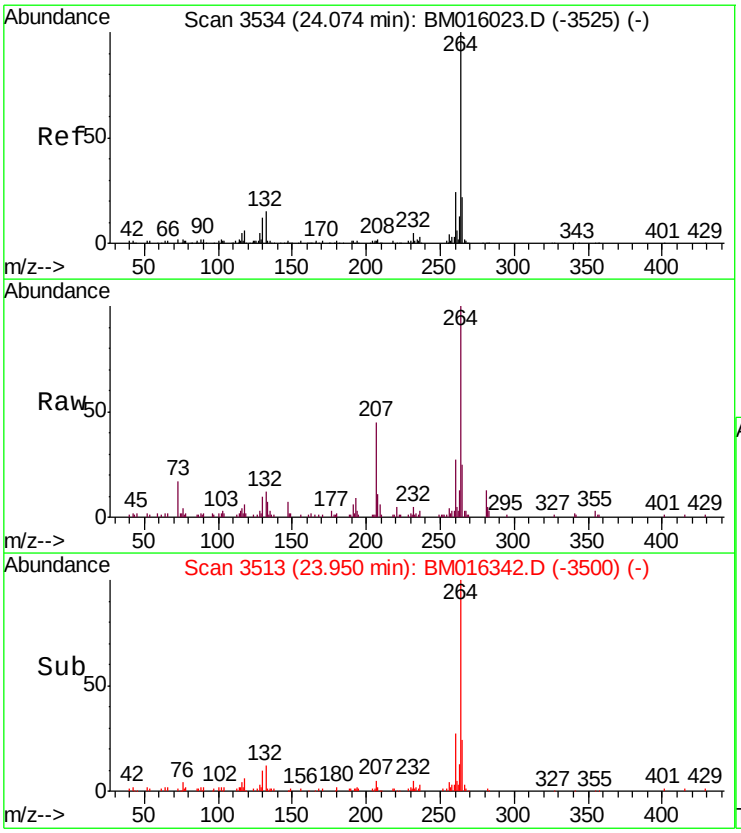
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.07 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:244 Resp: 466816

Ion	Ratio	Lower	Upper
244	100		
212	11.1	4.9	7.3#
122	8.5	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. -0.02 min
Lab File: BM016342.D
Acq: 14 Aug 2018 02:33

Tgt Ion:264 Resp: 99557

Ion	Ratio	Lower	Upper
264	100		
260	26.7	18.6	27.8
265	25.1	17.3	25.9