Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016233.D
Acq On : 08 Aug 2018 01:07
Operator : SJ/JU
Sample : J4297-03DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3DL

Quant Time: Aug 08 03:18:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	56288	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	298109	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	220418	20.00	ng		0.01
63) Phenanthrene-d10	17.53	188	447978	20.00	ng		0.02
75) Chrysene-d12	21.64	240	332824	20.00	ng		0.00
86) Perylene-d12	23.97	264	273828	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	56421	16.65	ng		0.00
7) Phenol-d6	7.30	99	74934	16.93	ng		0.00
23) Nitrobenzene-d5	9.33	82	124291	19.39	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	41273	14.76	ng		0.01
44) 2-Fluorobiphenyl	13.40	172	160452	8.86	ng		0.00
78) Terphenyl-d14	20.09	244	224101	14.09	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.02	128	1383363	91.689	ng		96
37) 2-Methylnaphthalene	12.64	142	6159722	609.460	ng	#	95
45) 1,1'-Biphenyl	13.62	154	812236	40.832	ng		96
70) Phenanthrene	17.57	178	995301	39.684	ng	#	94

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

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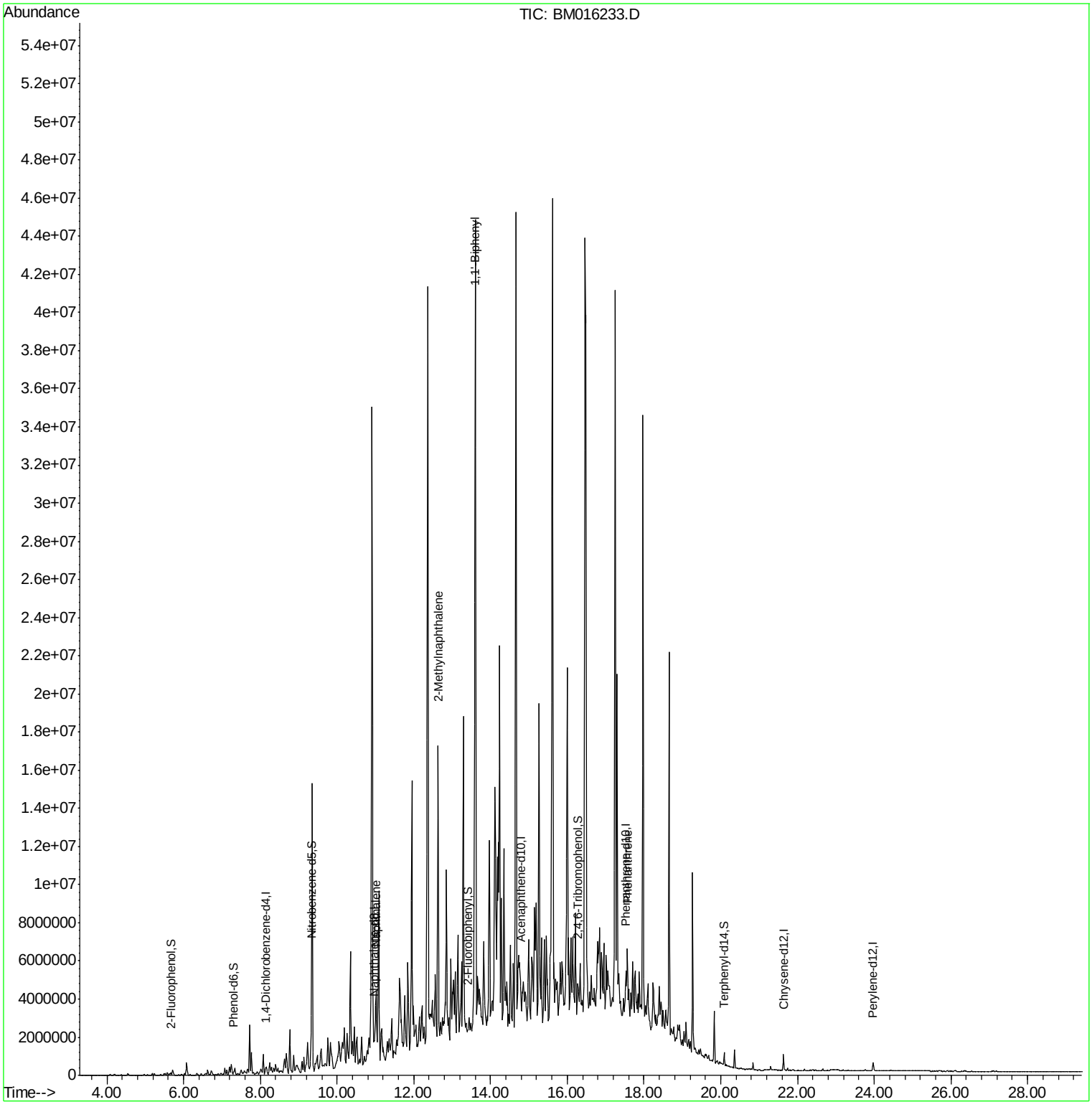
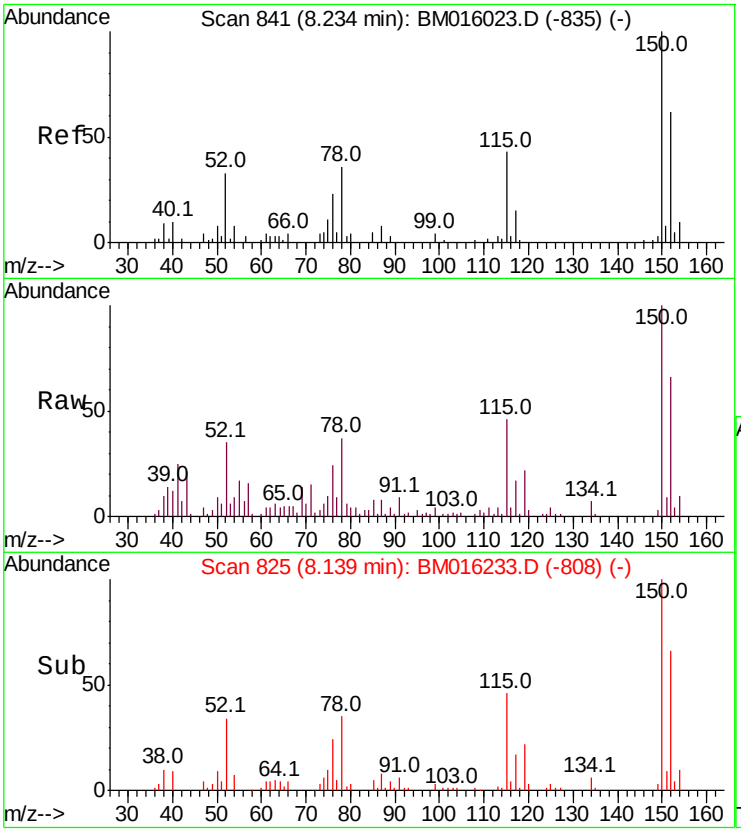


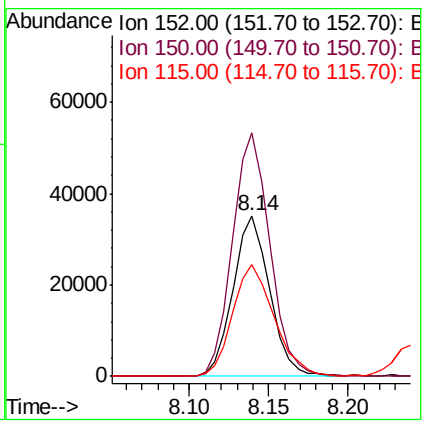


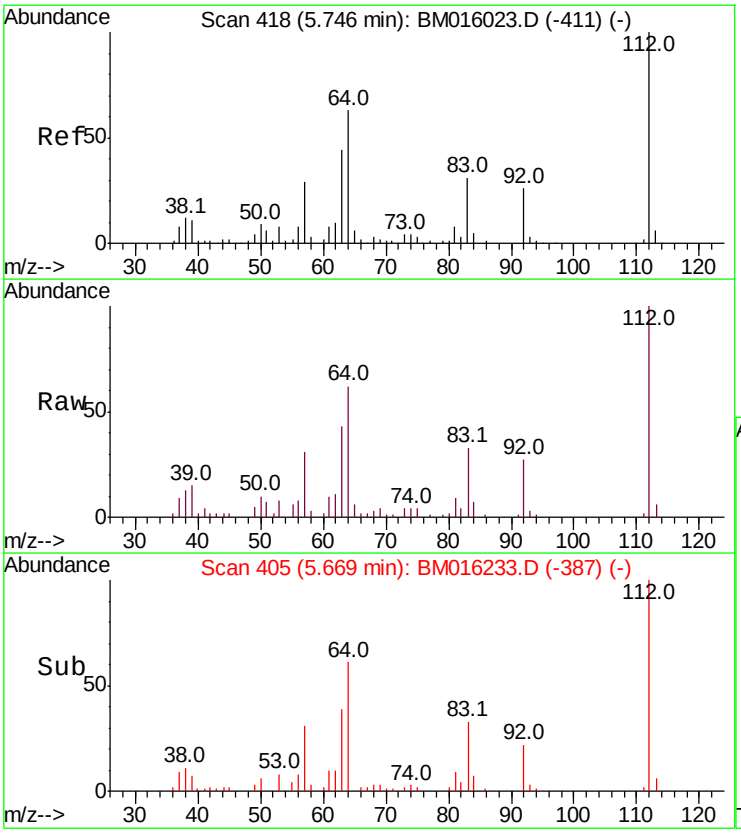
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion:152 Resp: 56288

Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	69.7	43.0	64.4#

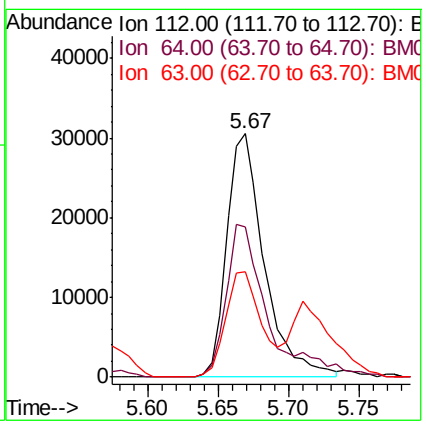


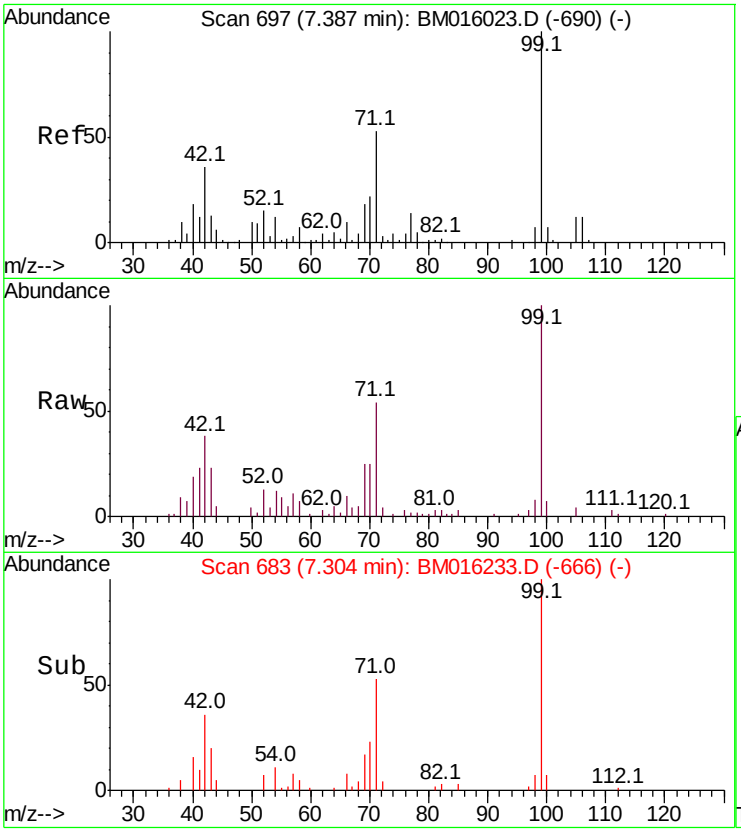


#5
2-Fluorophenol
Concen: Below ng
RT: 5.67 min Scan# 405
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:112 Resp: 56421

Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8#
63	43.4	19.3	28.9#



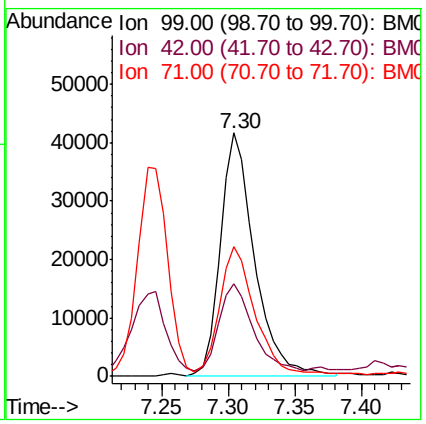


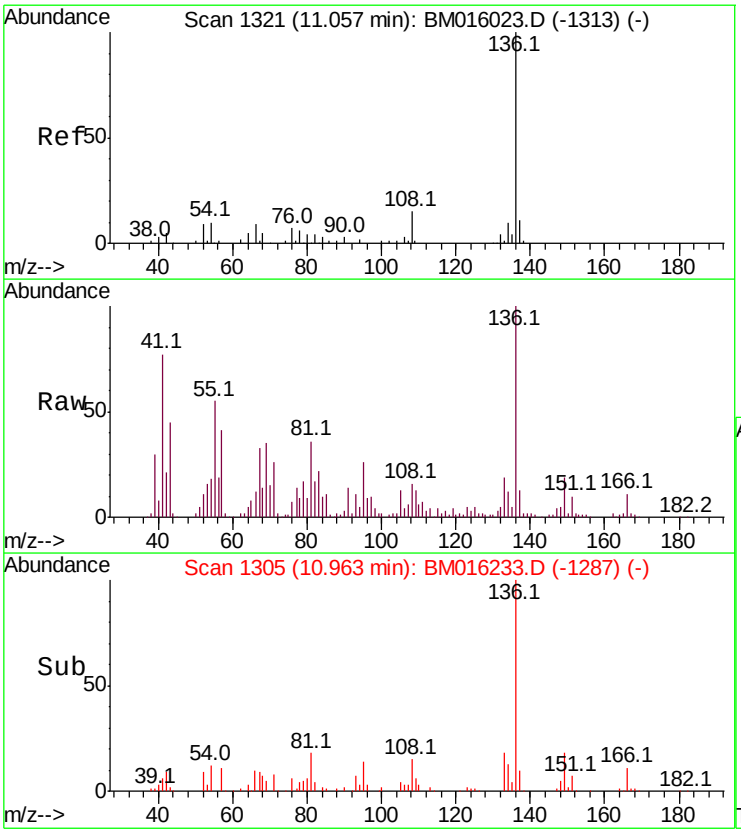
#7
Phenol-d6
Concen: Below ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion: 99 Resp: 74934

Ion	Ratio	Lower	Upper
99	100		
42	38.1	11.0	16.4#
71	53.5	23.4	35.2#

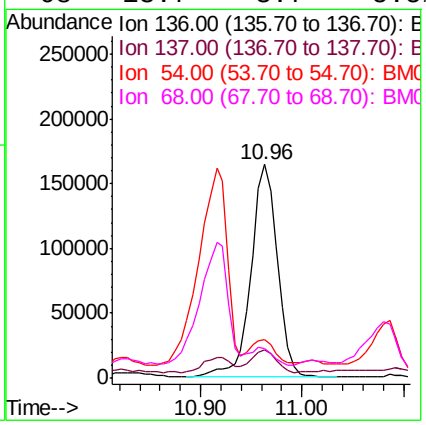


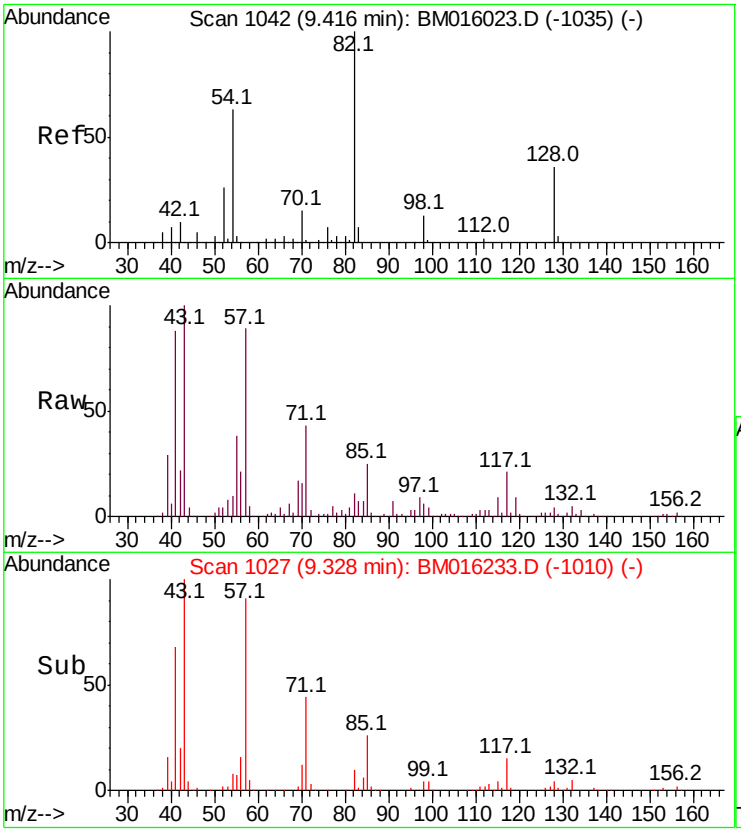


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:136 Resp: 298109

Ion	Ratio	Lower	Upper
136	100		
137	13.1	8.7	13.1#
54	18.1	4.6	6.8#
68	13.7	3.7	5.5#



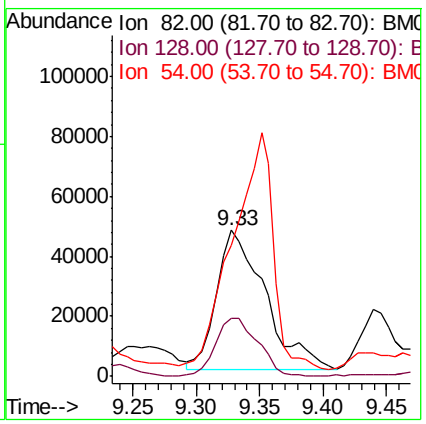


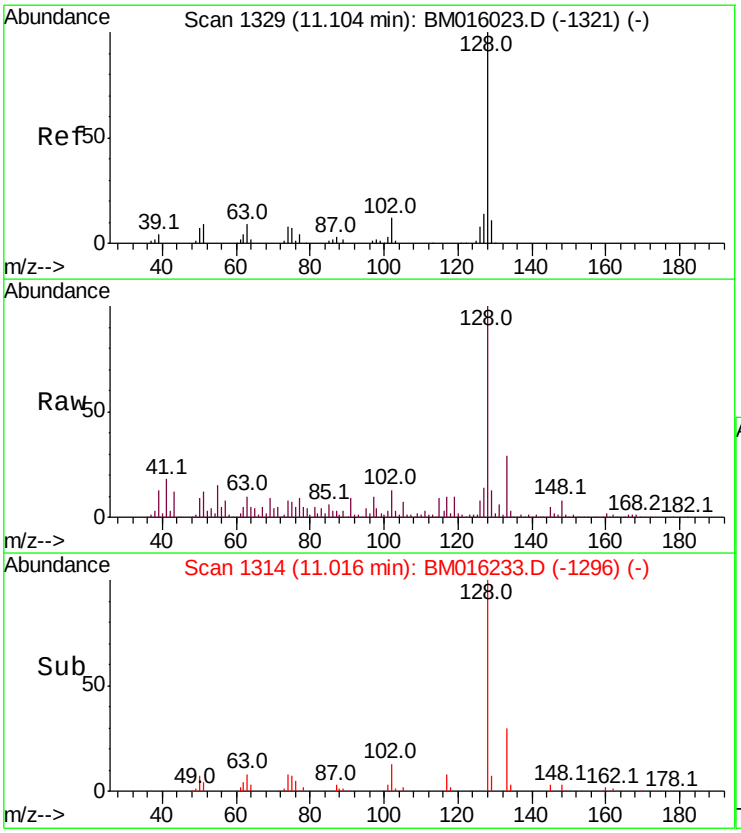
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion: 82 Resp: 124291

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.8	49.2
54	90.0	40.6	60.8#

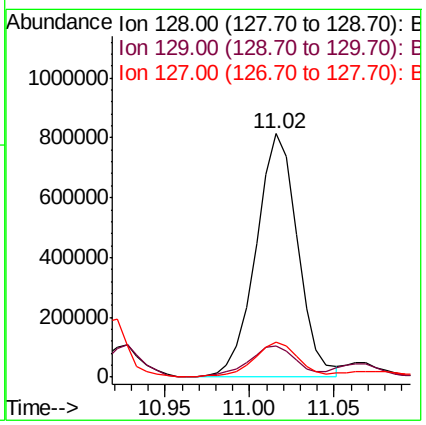


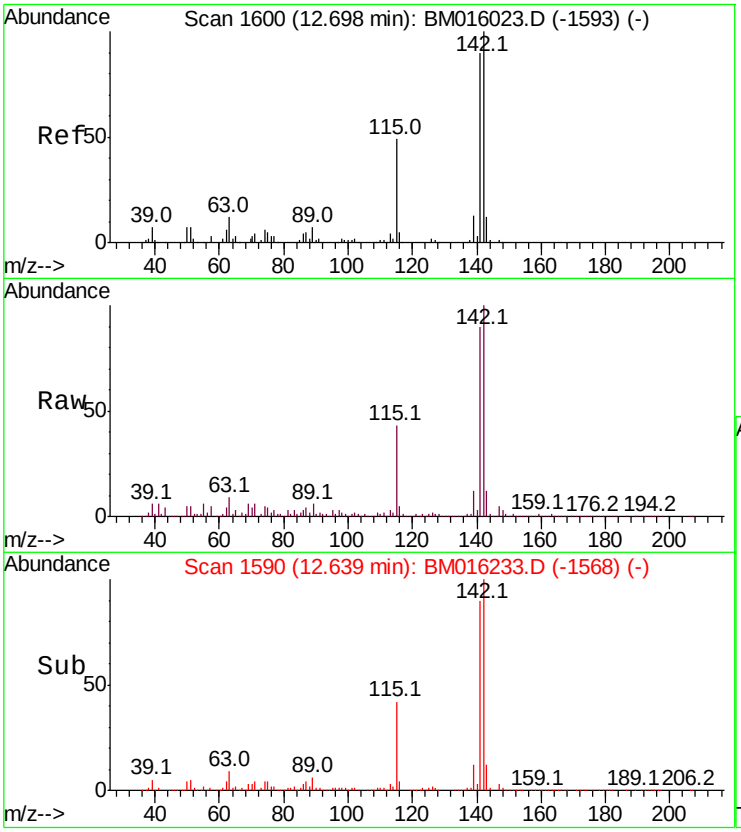


#31
Naphthalene
Concen: 91.689 ng
RT: 11.02 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:128 Resp: 1383363

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.9	13.3
127	14.3	10.4	15.6



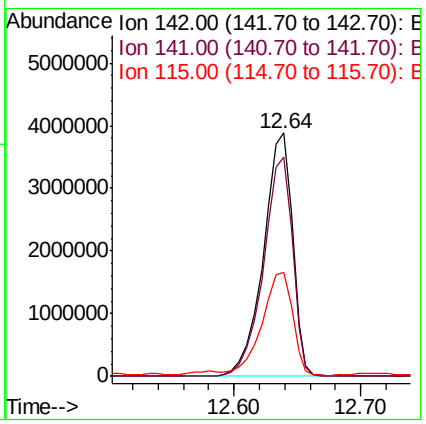


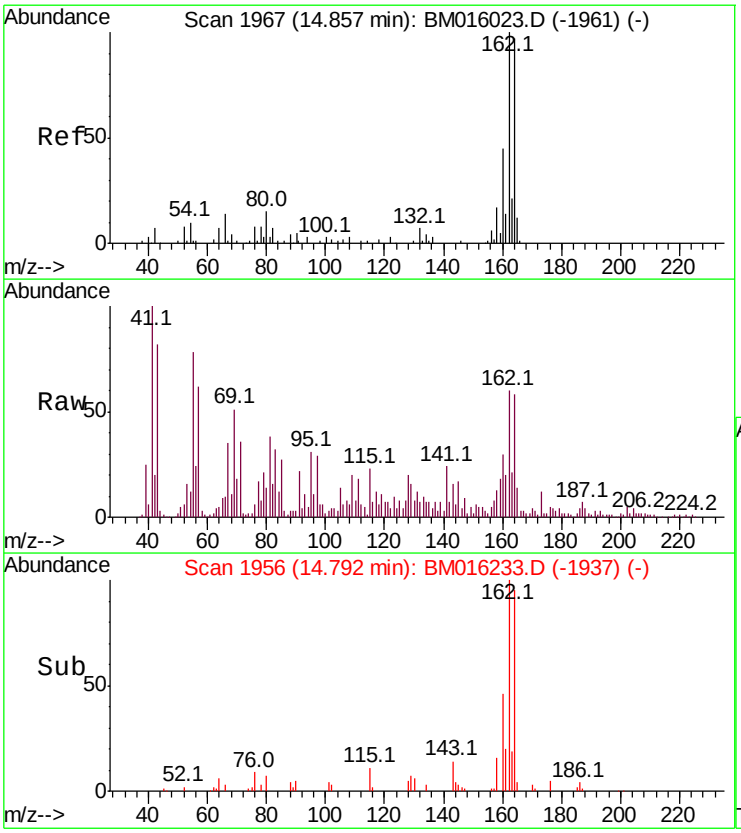
#37
2-Methylnaphthalene
Concen: 609.460 ng
RT: 12.64 min Scan# 1590
Delta R.T. 0.03 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion:142 Resp: 6159722

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	42.7	25.4	38.0#

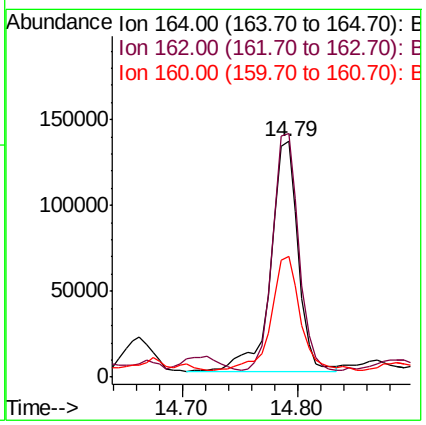


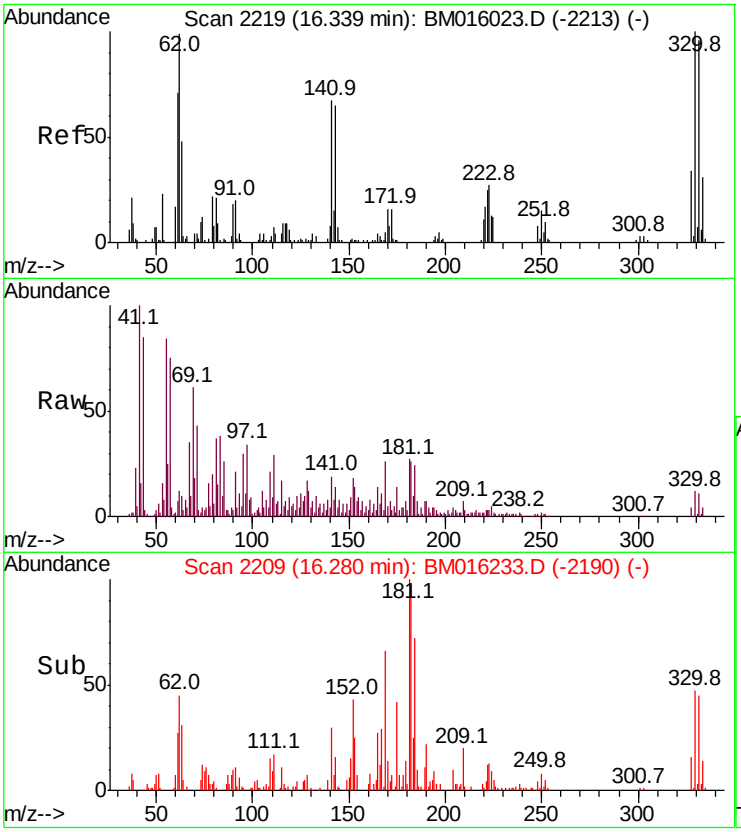


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:164 Resp: 220418

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	51.3	35.8	53.6



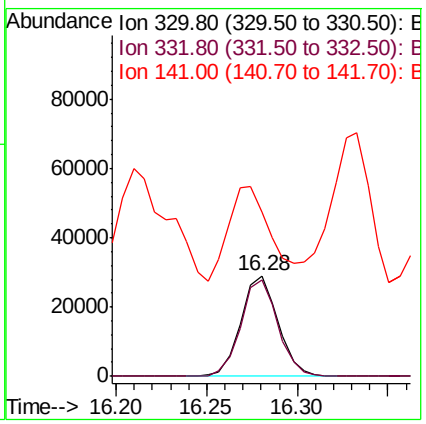


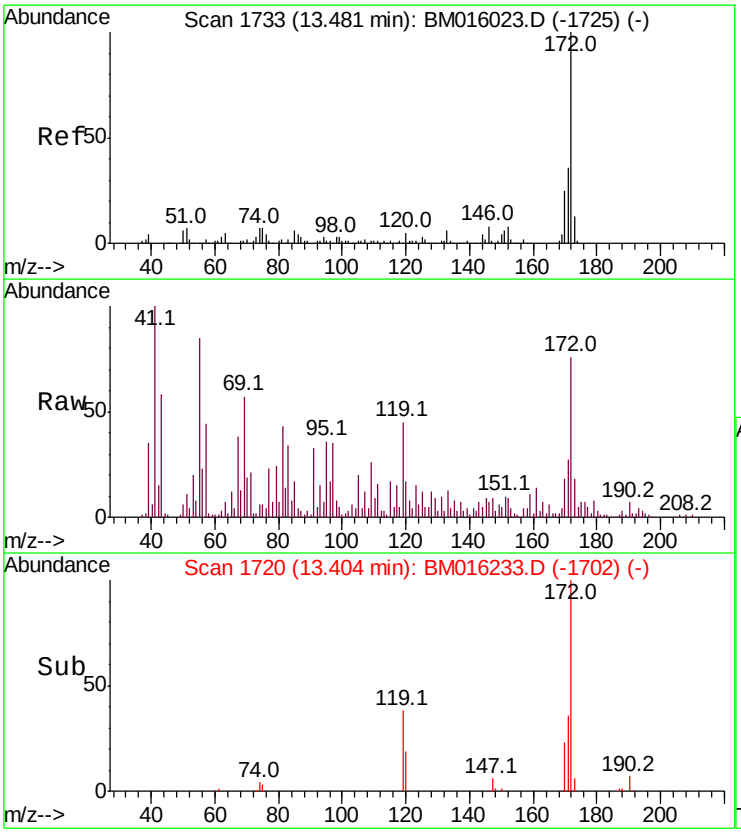
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.28 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion:330 Resp: 41273

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	105.5	0.0	0.0#

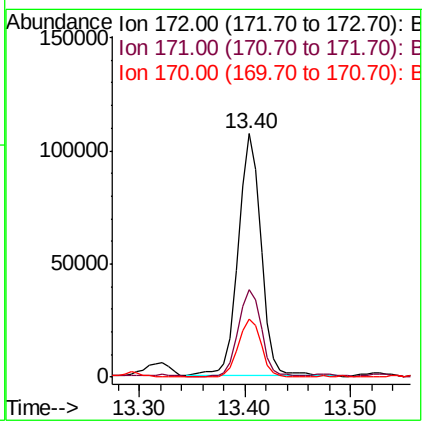


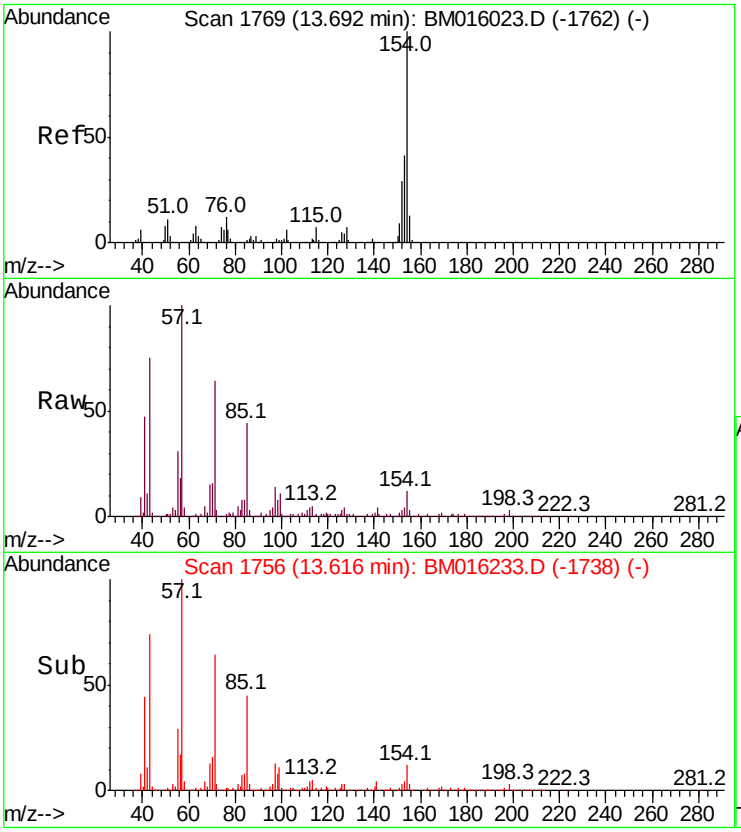


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.40 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:172 Resp: 160452

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.8	18.8	28.2



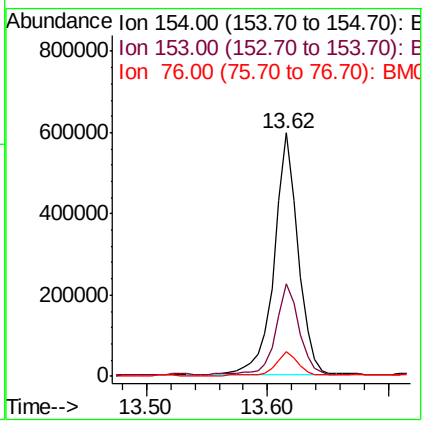


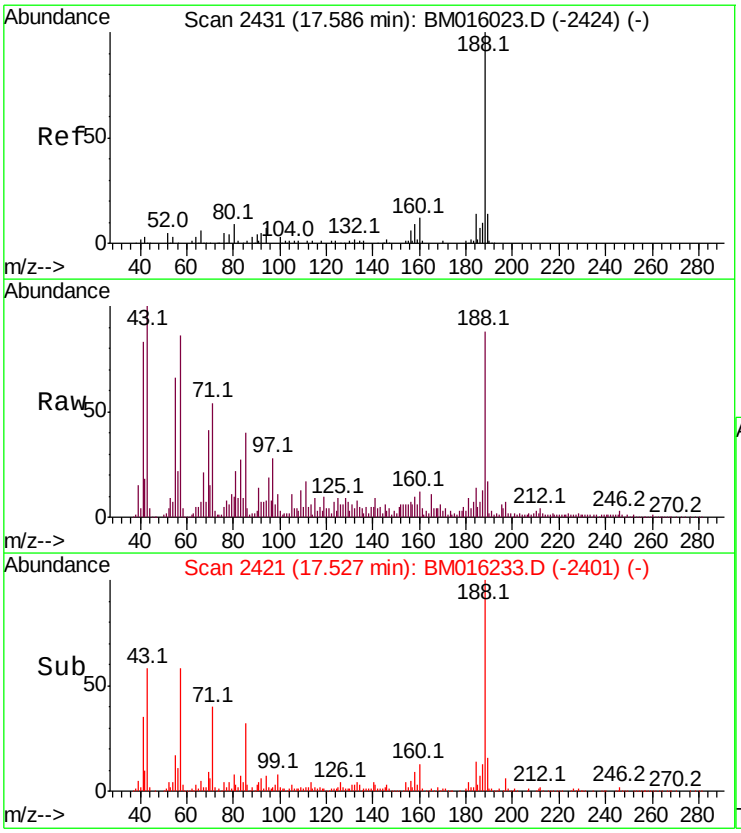
#45
1,1'-Biphenyl
Concen: 40.832 ng
RT: 13.62 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion:154 Resp: 812236

Ion	Ratio	Lower	Upper
154	100		
153	37.8	20.7	60.7
76	10.1	0.0	30.9

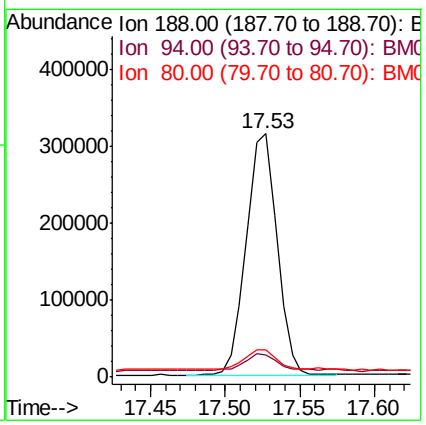


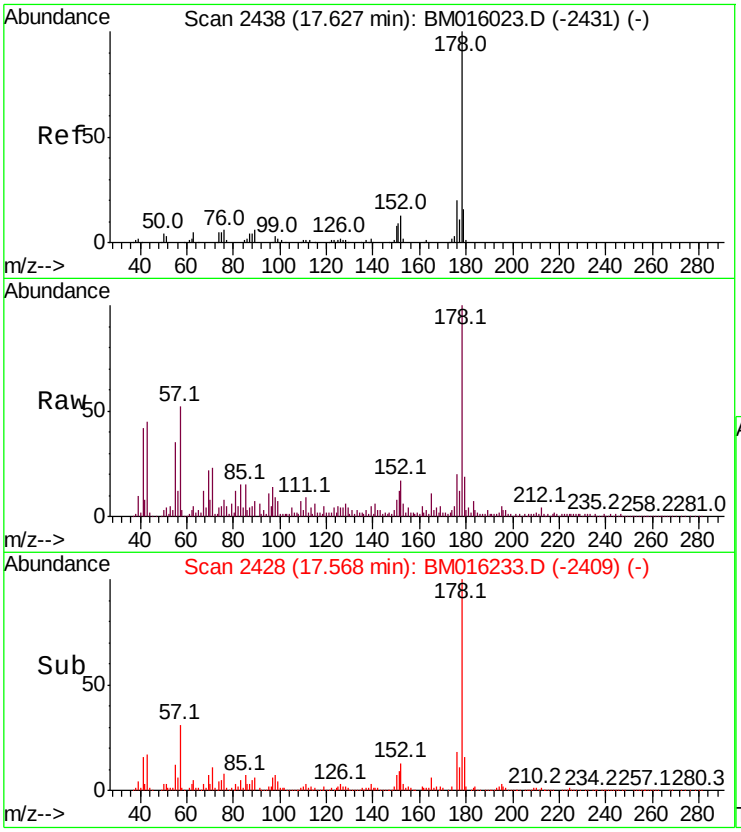


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2421
Delta R.T. 0.02 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:188 Resp: 447978

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	11.1	9.3	13.9



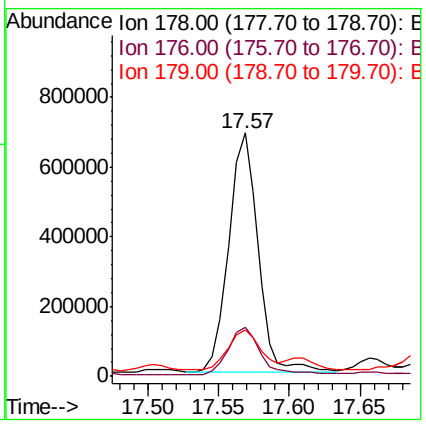


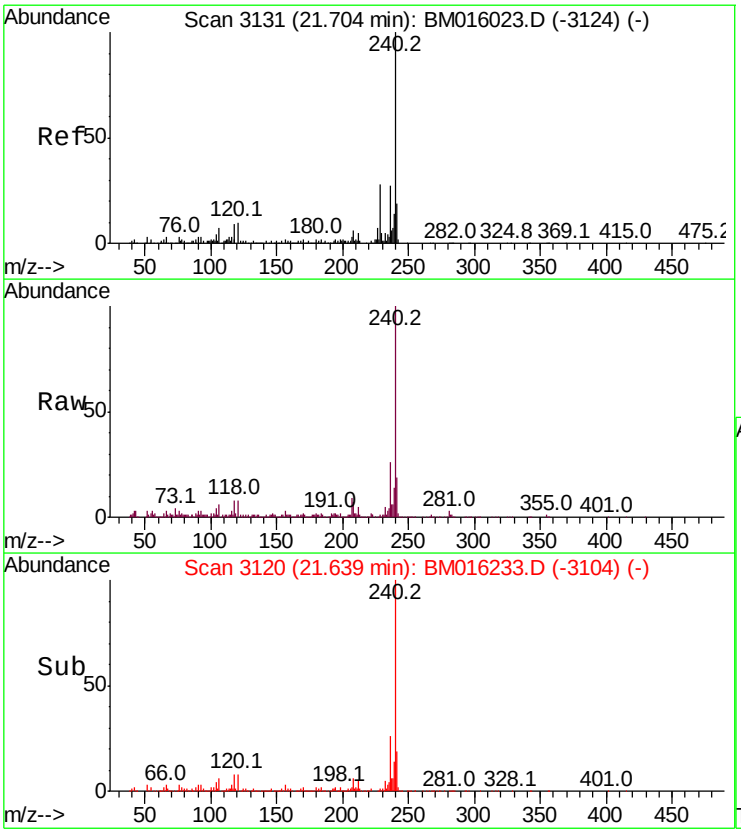
#70
Phenanthrene
Concen: 39.684 ng
RT: 17.57 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion:178 Resp: 995301

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	19.0	12.1	18.1#

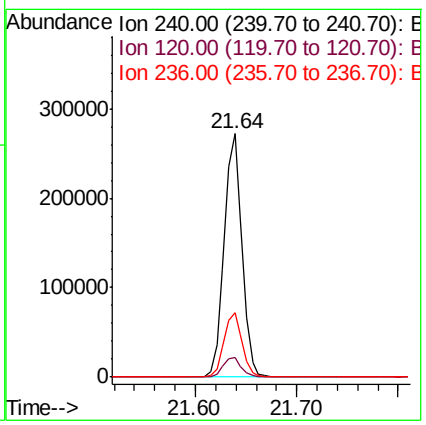


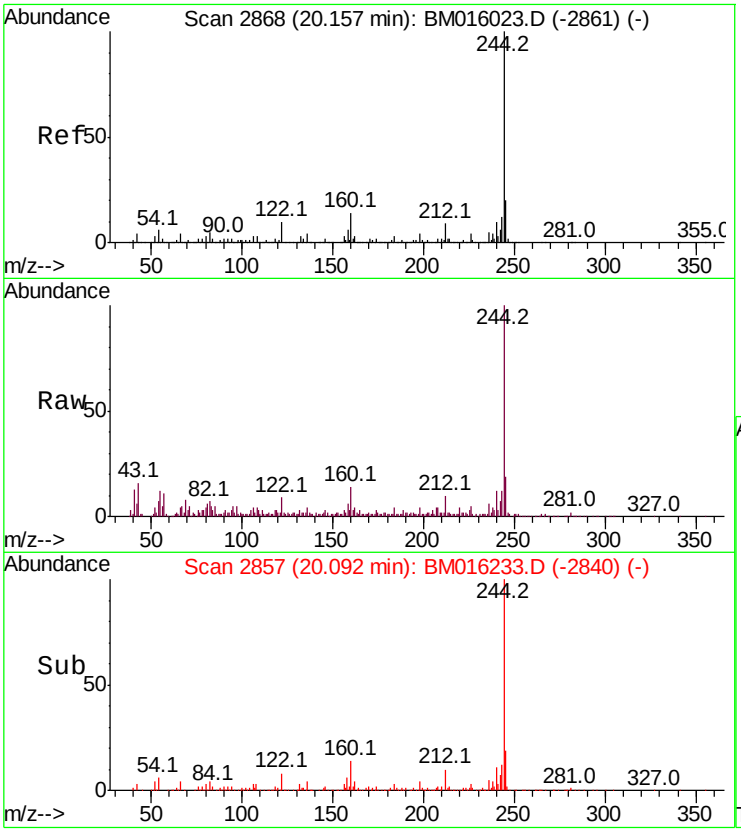


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:240 Resp: 332824

Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.2	12.2#
236	26.5	20.0	30.0



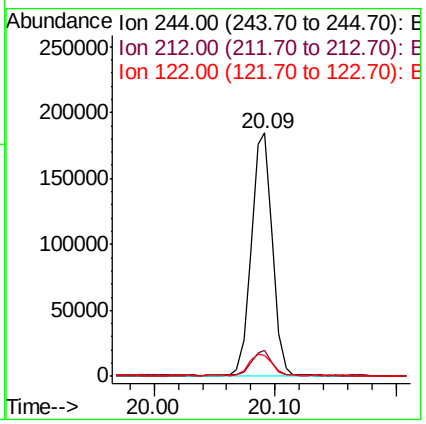


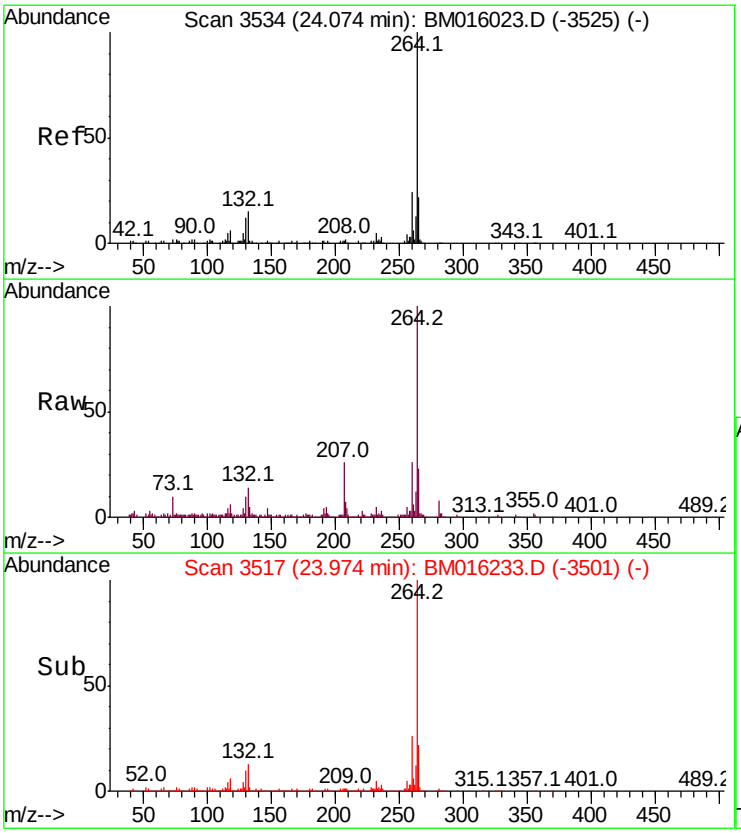
#78
Terphenyl-d14
Concen: Below ng
RT: 20.09 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :
TP-3DL

Tgt Ion:244 Resp: 224101

Ion	Ratio	Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	8.8	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:264 Resp: 273828

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	27.8
265	23.0	17.3	25.9