Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019179.D
Acq On : 14 Mar 2019 21:07
Operator : JU/SJ
Sample : K1899-03DL 25X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-4ADL

Quant Time: Mar 15 05:22:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	147927	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	722996	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	469339	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1116744	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1156182	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1057254	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	23917	2.62	ng	0.00
7) Phenol-d6	6.85	99	19672	1.47	ng	0.00
23) Nitrobenzene-d5	8.83	82	54029	3.53	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	40764	5.88	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	145160	4.02	ng	-0.01
79) Terphenyl-d14	19.70	244	241003	4.14	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.75	117	12452	2.830	ng	# 1
31) Naphthalene	10.49	128	3723421	97.709	ng	100
37) 2-Methylnaphthalene	12.11	142	960064	34.670	ng	99
38) 1-Methylnaphthalene	12.33	142	1000939	36.672	ng	100
46) 1,1'-Biphenyl	13.13	154	180405	4.401	ng	97
52) Acenaphthene	14.37	154	286209	9.629	ng	98
55) Dibenzofuran	14.71	168	276200	5.762	ng	99
58) Fluorene	15.36	166	165202	4.181	ng	99
71) Phenanthrene	17.10	178	141386	2.160	ng	100

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

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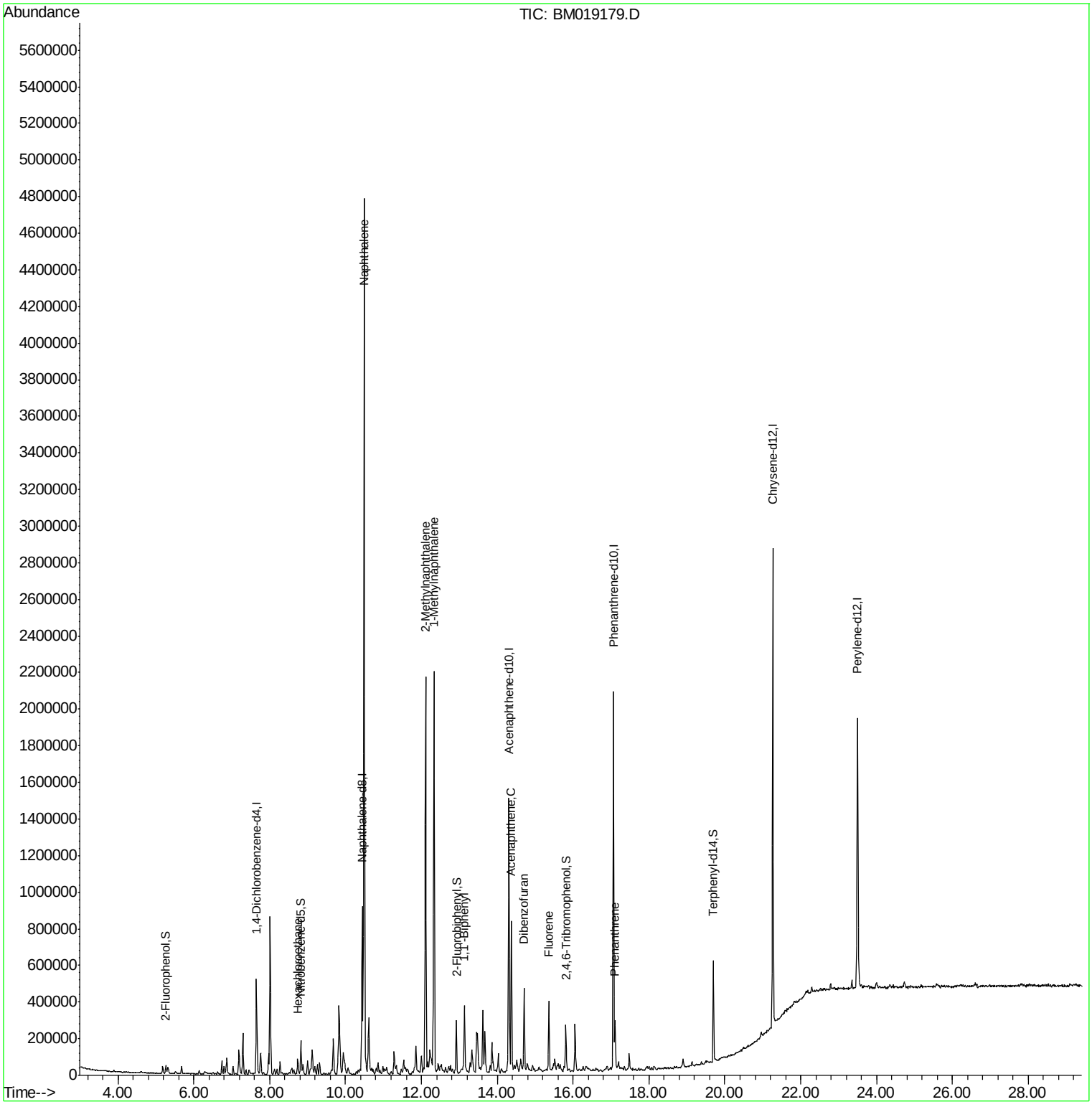
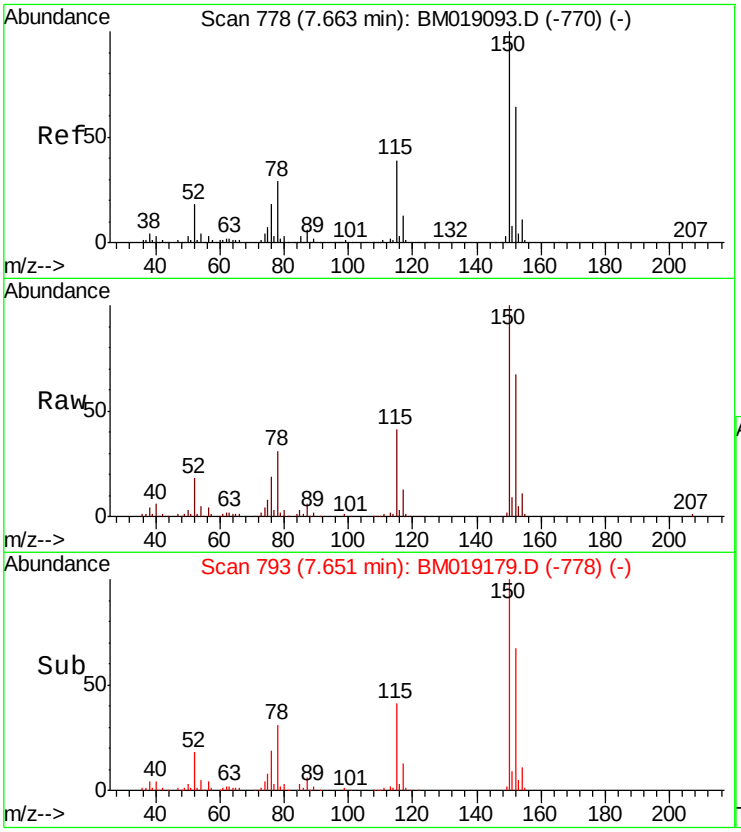


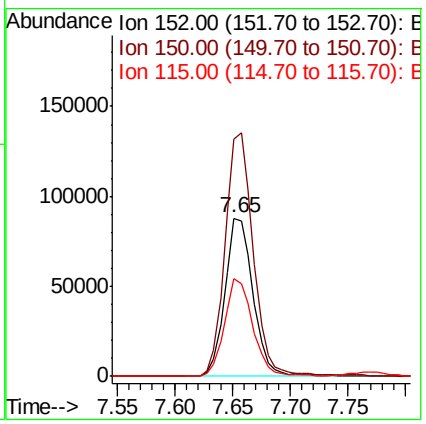


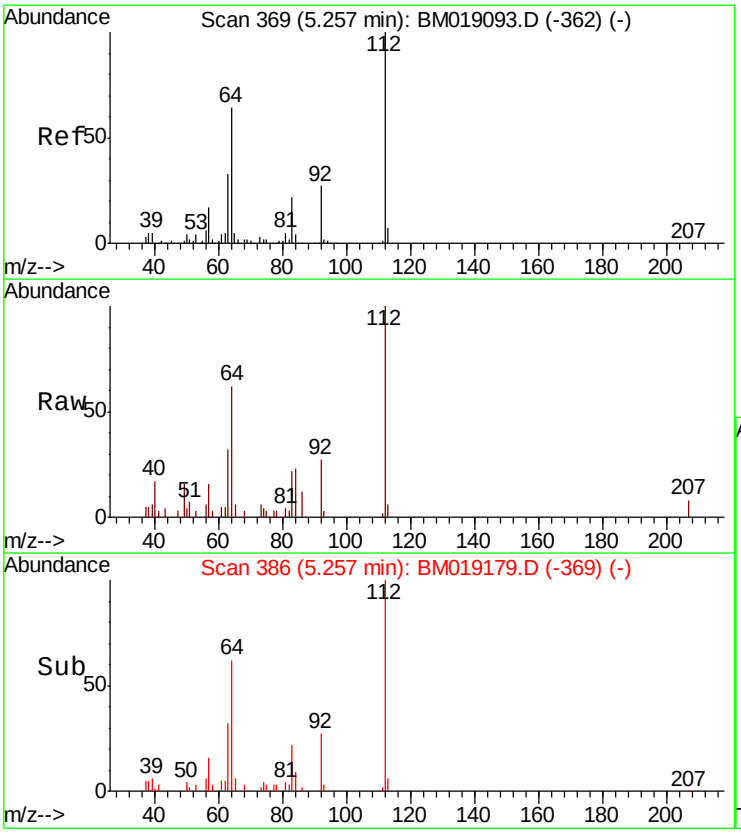
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:152 Resp: 147927

Ion	Ratio	Lower	Upper
152	100		
150	149.9	125.3	187.9
115	61.7	49.4	74.0

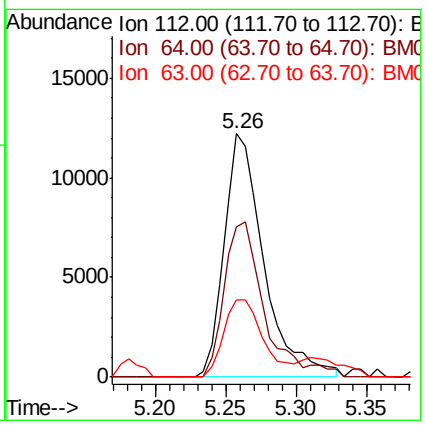


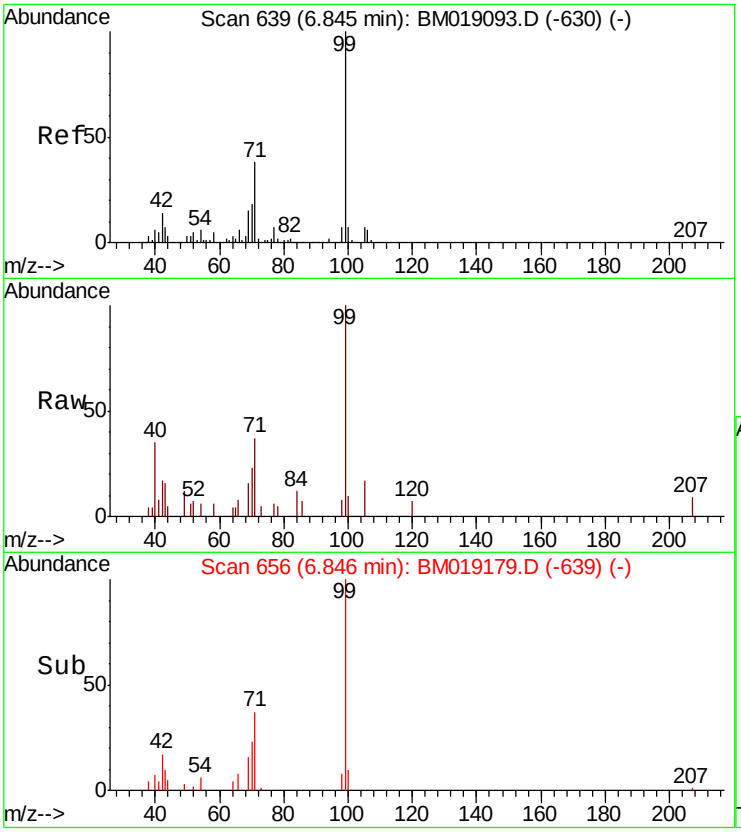


#5
2-Fluorophenol
Concen: 2.618 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:112 Resp: 23917

Ion	Ratio	Lower	Upper
112	100		
64	61.9	51.4	77.0
63	31.7	26.6	40.0



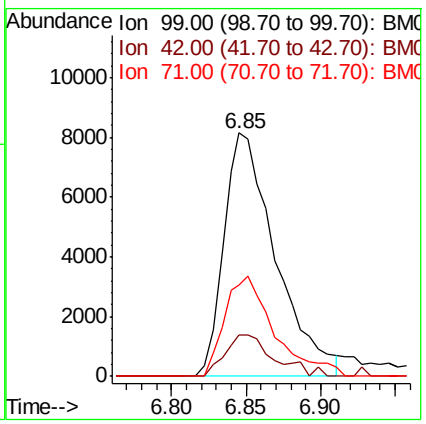


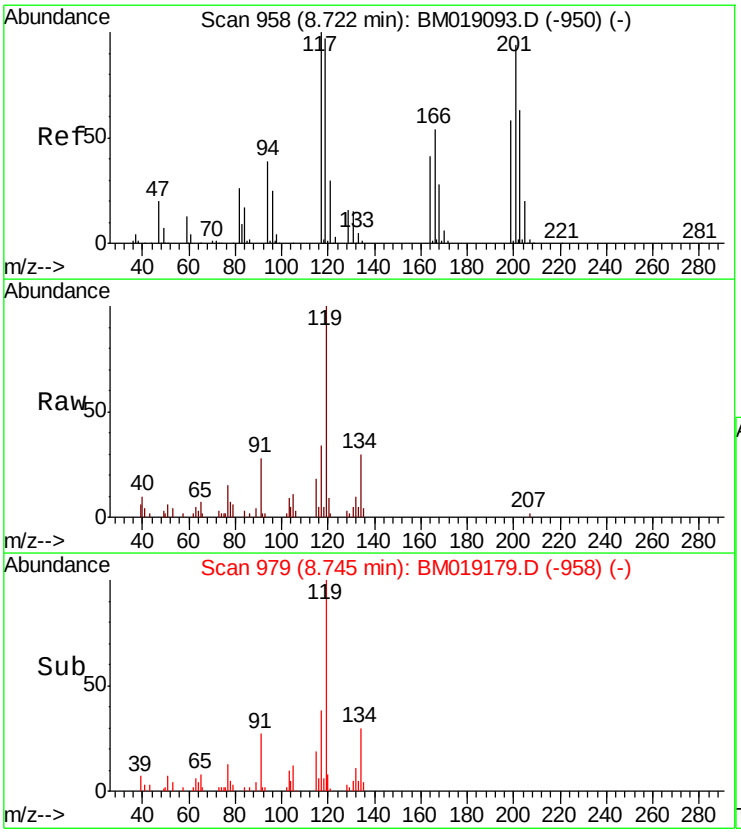
#7
Phenol-d6
Concen: 1.472 ng
RT: 6.85 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion: 99 Resp: 19672

Ion	Ratio	Lower	Upper
99	100		
42	16.9	10.9	16.3#
71	37.4	30.3	45.5

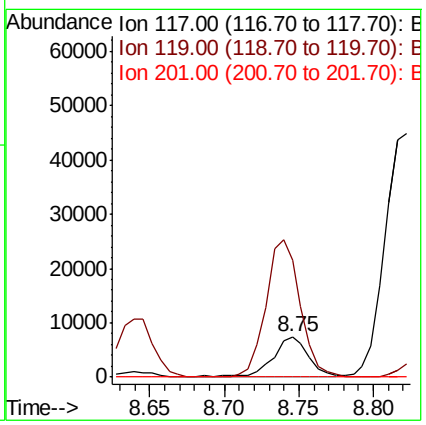


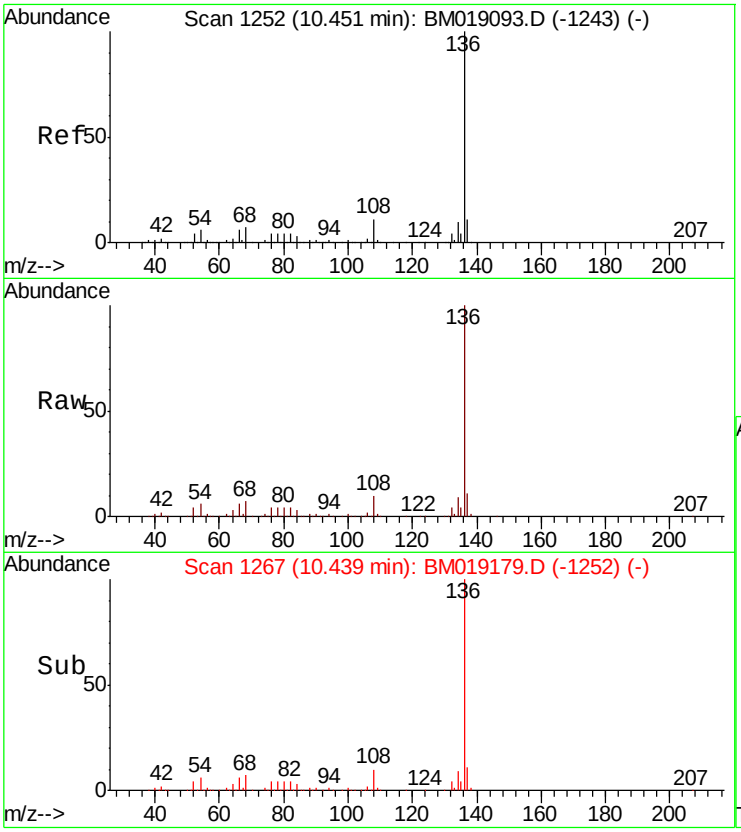


#18
Hexachloroethane
Concen: 2.830 ng
RT: 8.75 min Scan# 979
Delta R.T. 0.02 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:117 Resp: 12452

Ion	Ratio	Lower	Upper
117	100		
119	290.8	77.4	116.2#
201	0.0	75.2	112.8#



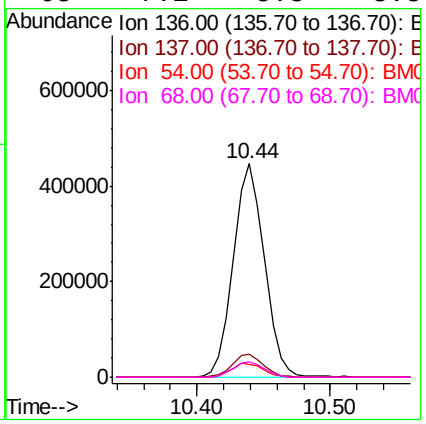


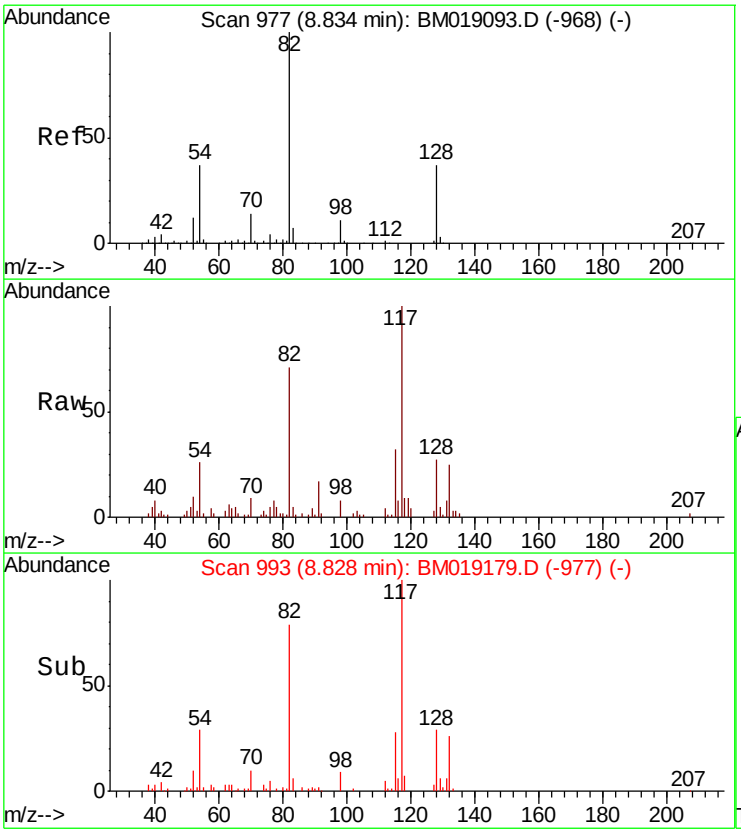
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:136 Resp: 722996

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.2	5.2	7.8
68	7.1	5.8	8.8

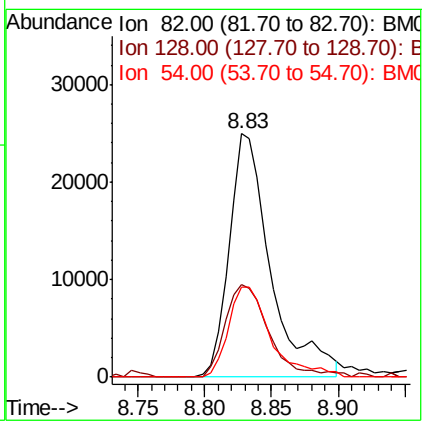


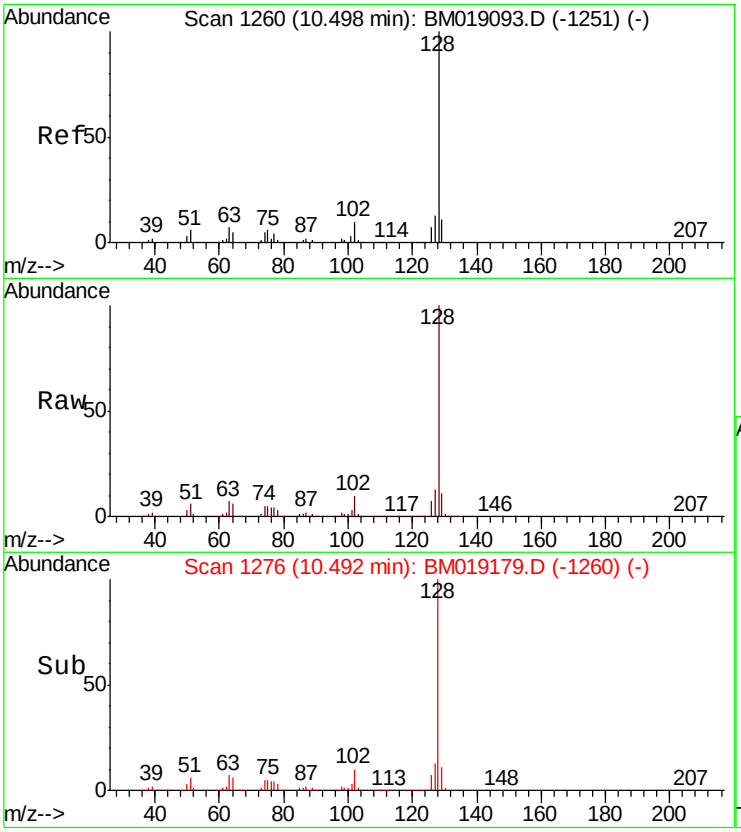


#23
Nitrobenzene-d5
Concen: 3.532 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion: 82 Resp: 54029

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	37.0	29.9	44.9



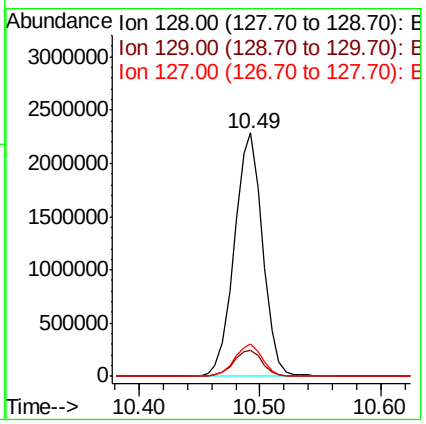


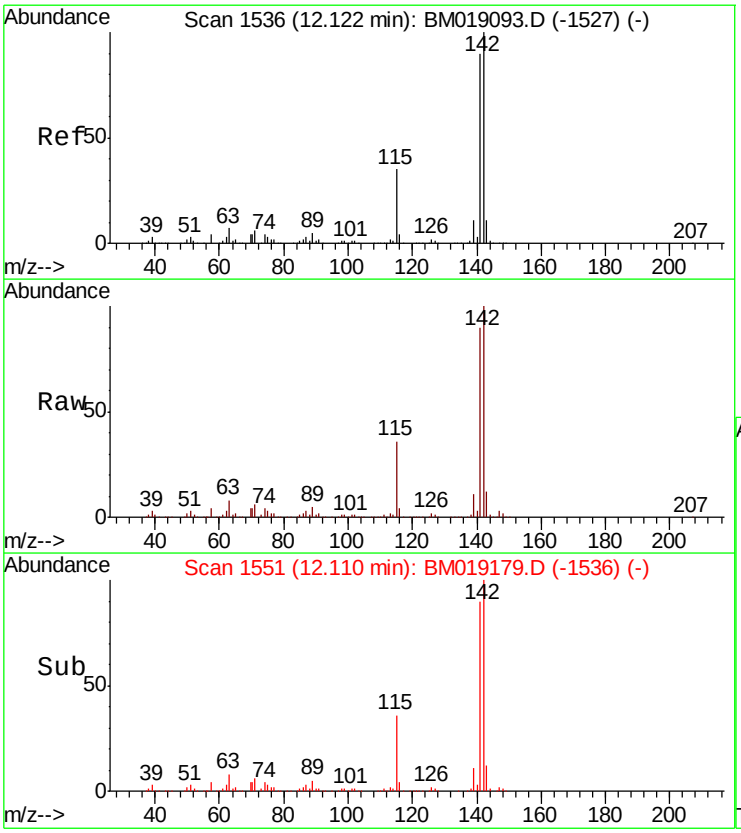
#31
Naphthalene
Concen: 97.709 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:128 Resp: 3723421

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.4	15.6

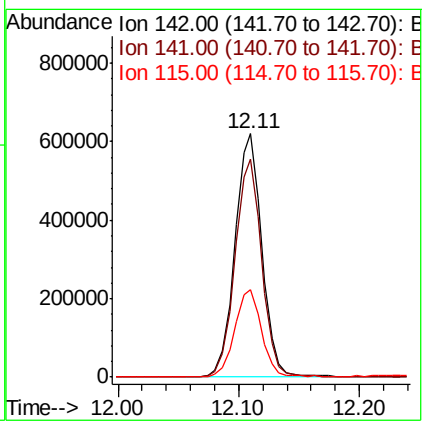


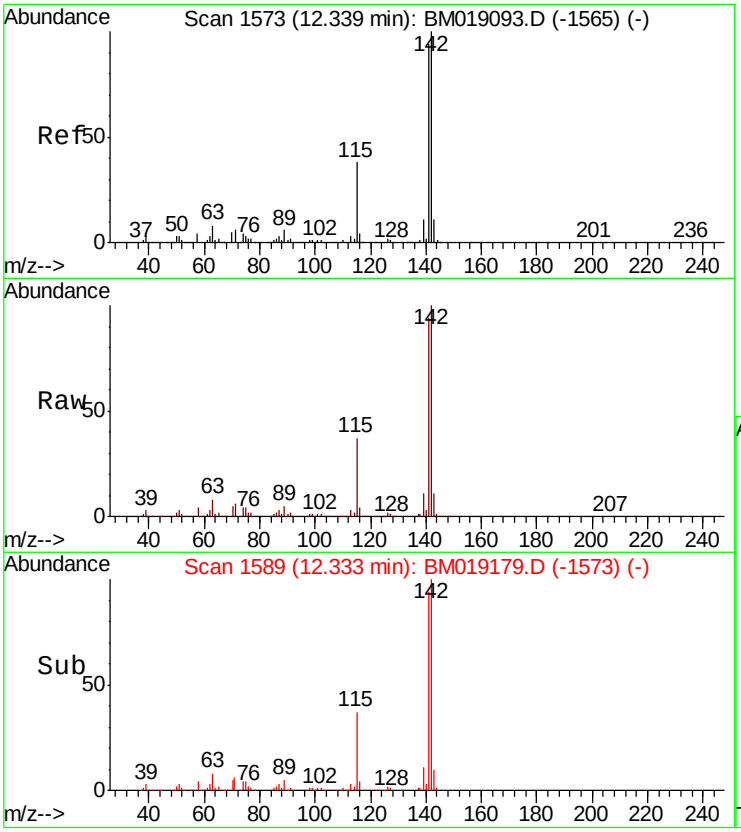


#37
2-Methylnaphthalene
Concen: 34.670 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:142 Resp: 960064

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	36.1	27.8	41.8



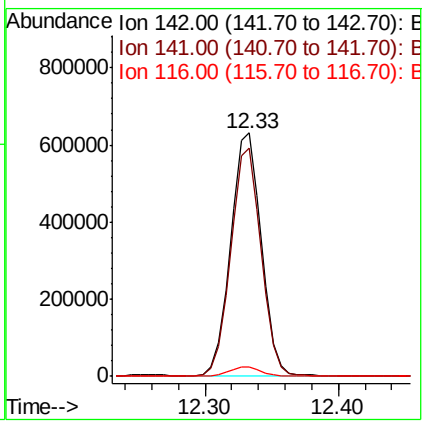


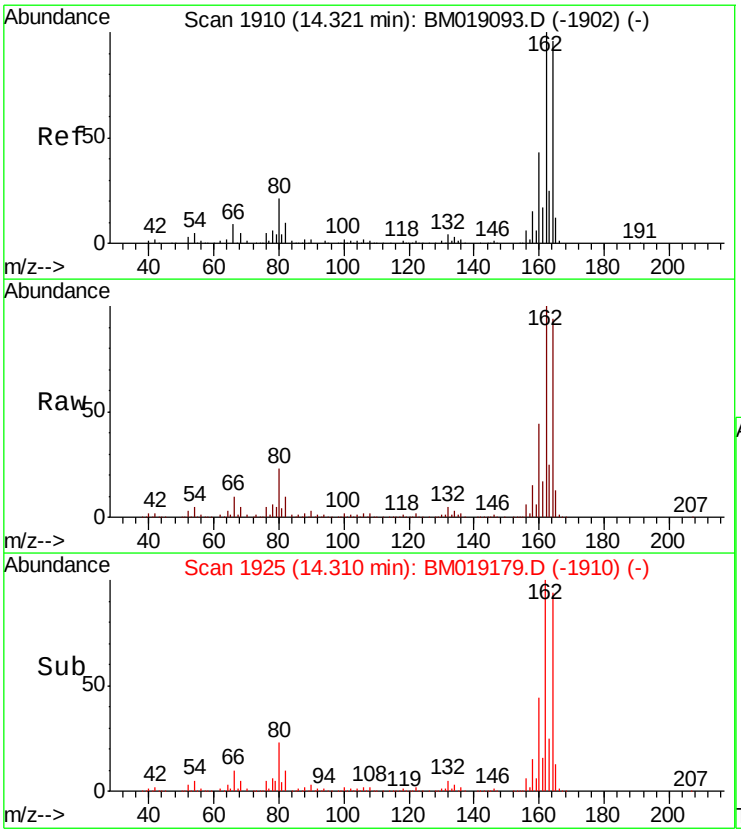
#38
1-Methylnaphthalene
Concen: 36.672 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:142 Resp: 1000939

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.9	112.3
116	3.8	3.2	4.8

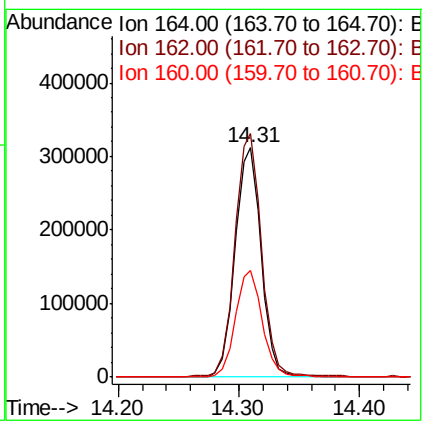


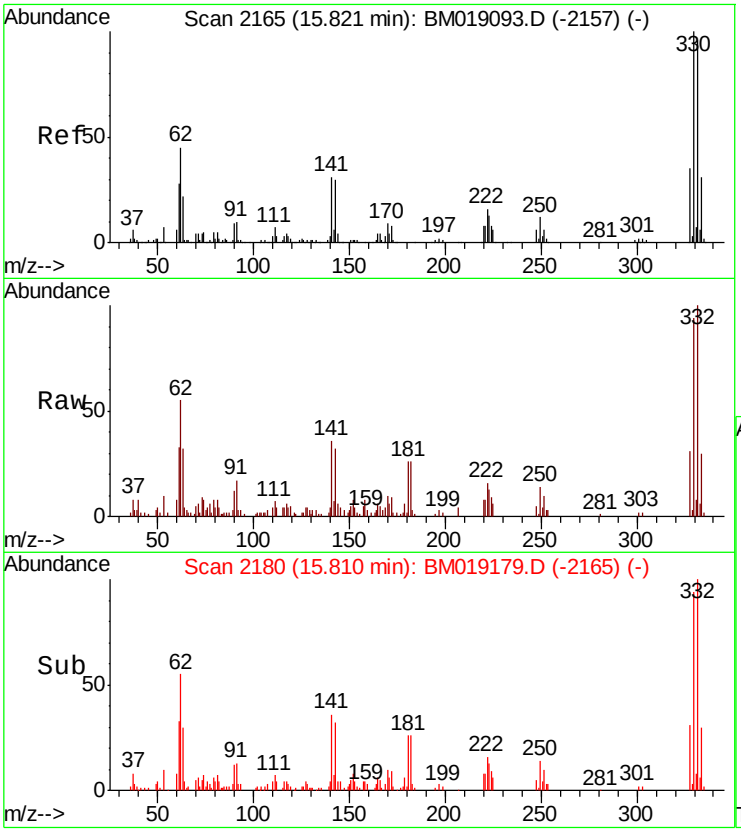


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:164 Resp: 469339

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.5	125.3
160	46.3	36.3	54.5



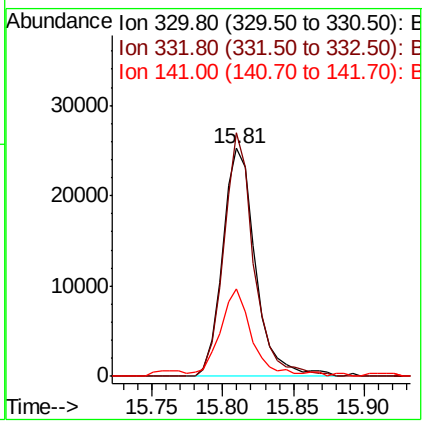


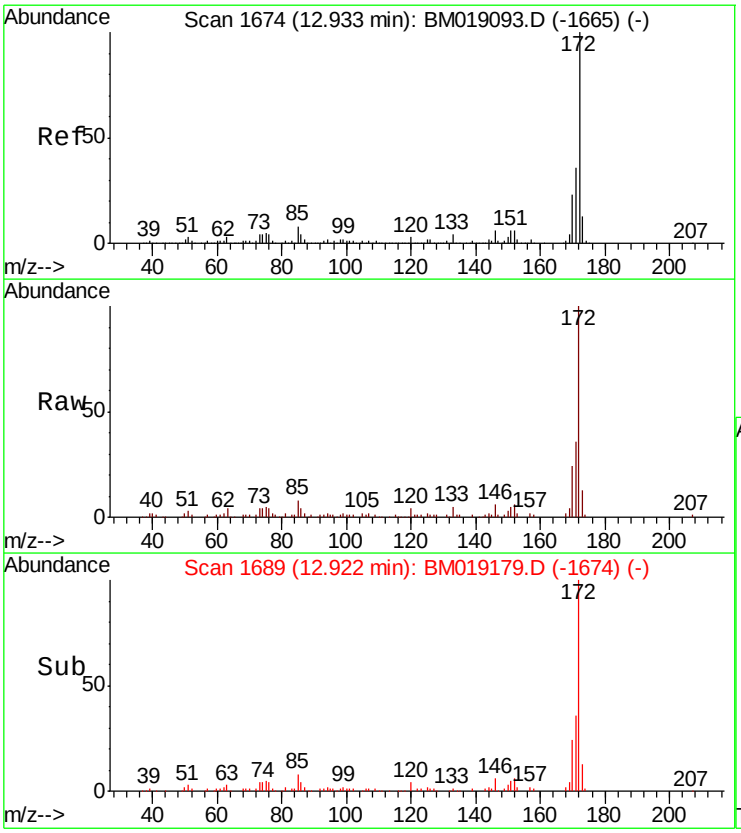
#42
2,4,6-Tribromophenol
Concen: 5.883 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:330 Resp: 40764

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.8	115.2
141	37.6	27.0	40.4

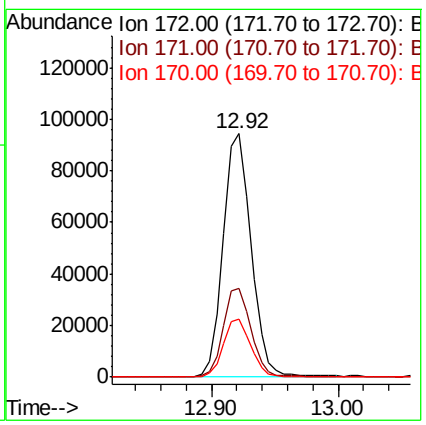


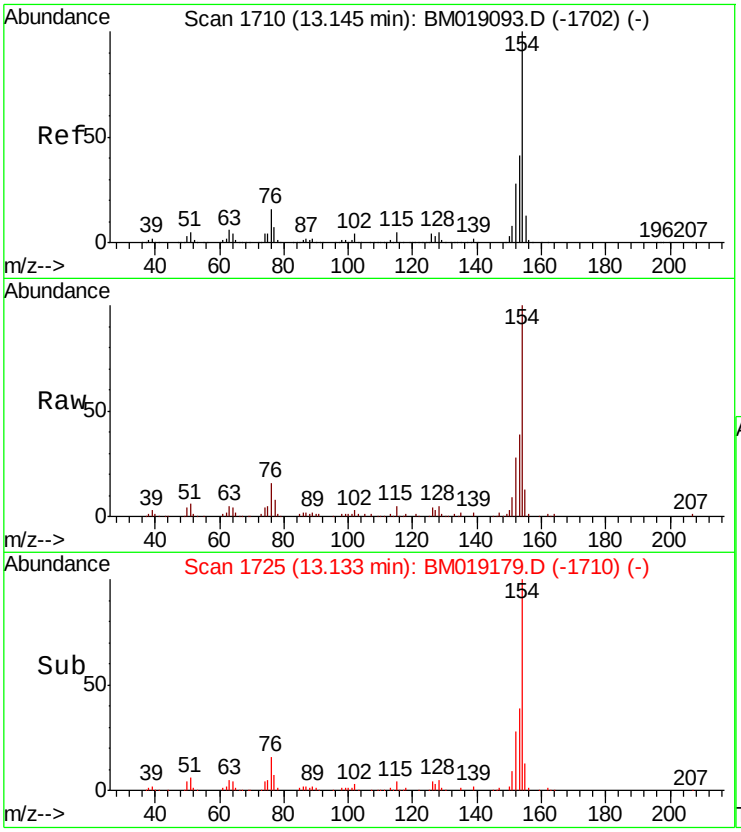


#45
2-Fluorobiphenyl
Concen: 4.023 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:172 Resp: 145160

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.0	18.6	28.0



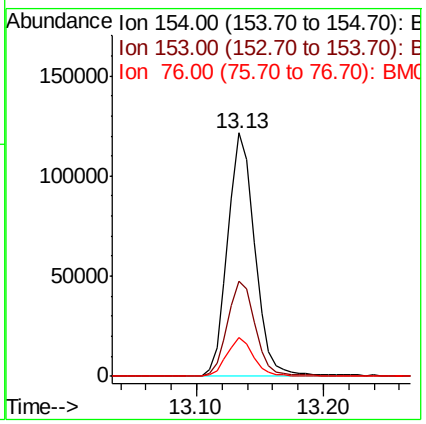


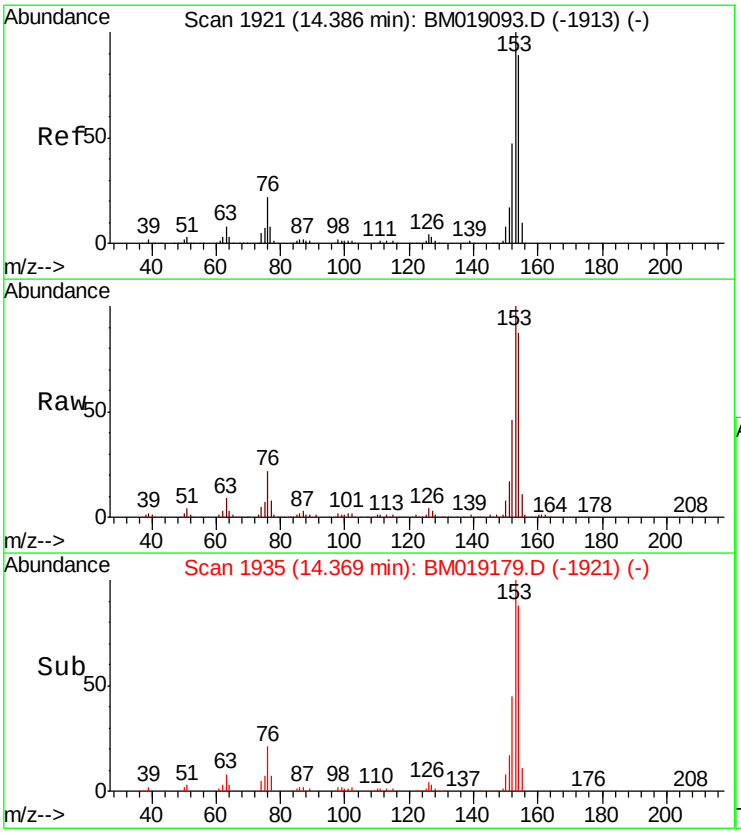
#46
1,1'-Biphenyl
Concen: 4.401 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:154 Resp: 180405

Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.5	61.5
76	15.7	0.0	35.8

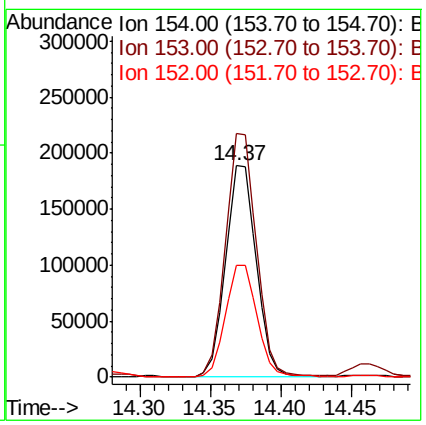


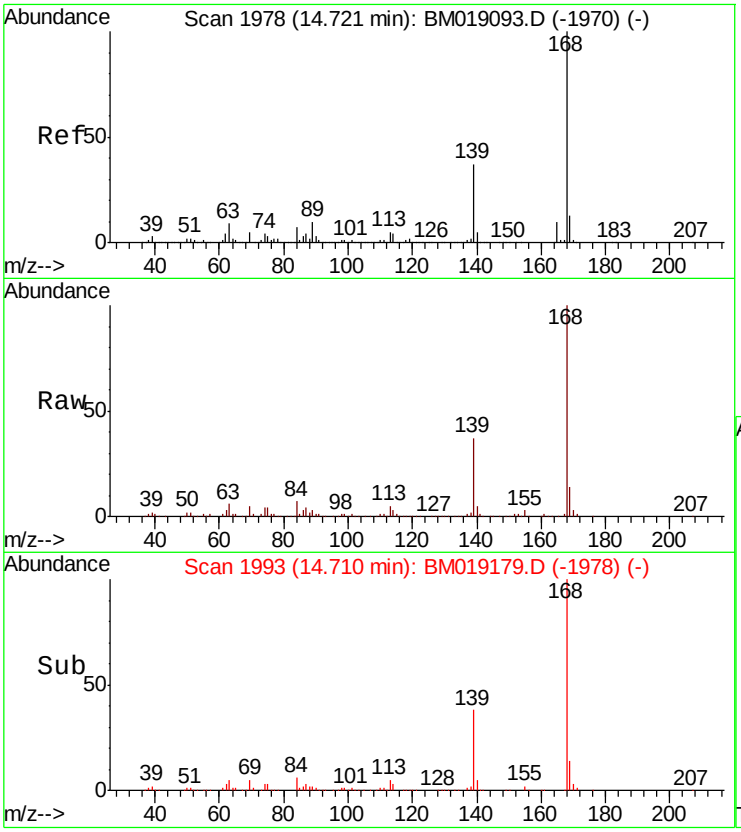


#52
Acenaphthene
Concen: 9.629 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:154 Resp: 286209

Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.1	135.1
152	52.9	42.5	63.7



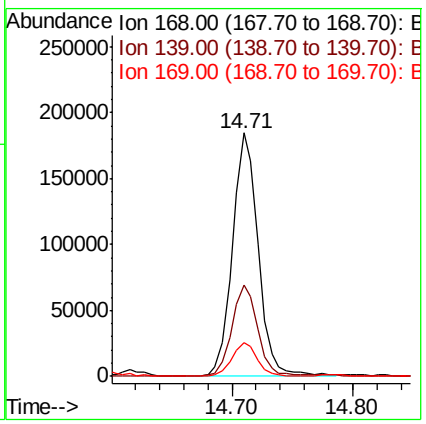


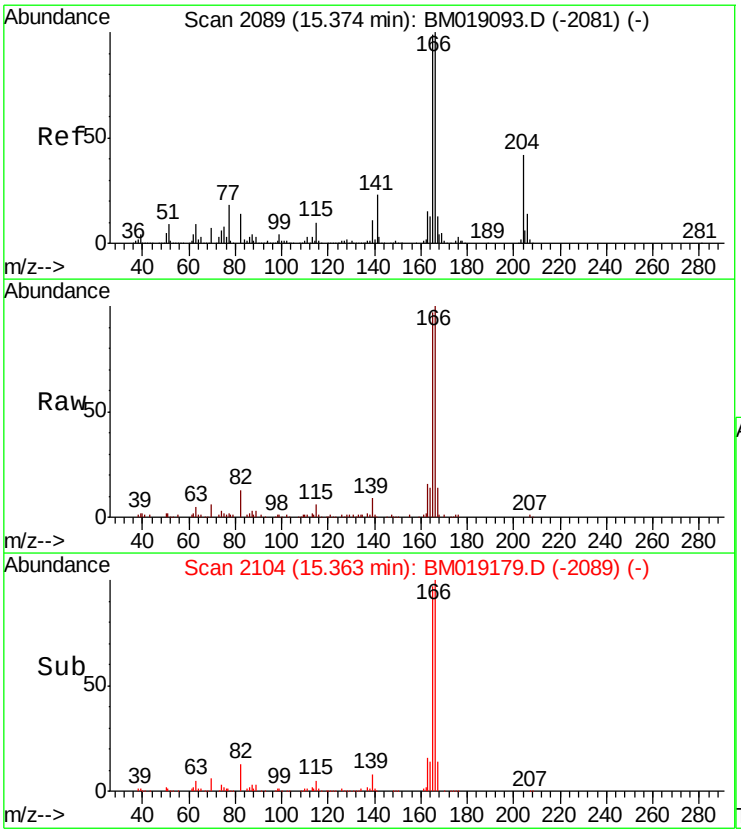
#55
Dibenzofuran
Concen: 5.762 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:168 Resp: 276200

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.9	10.6	16.0

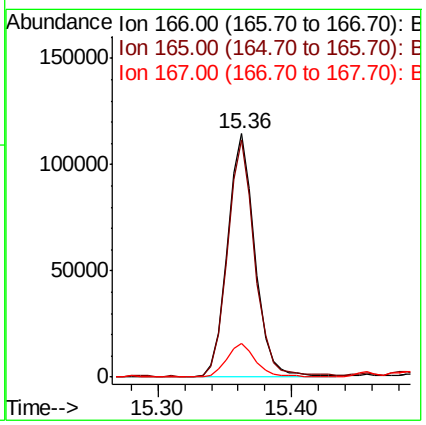


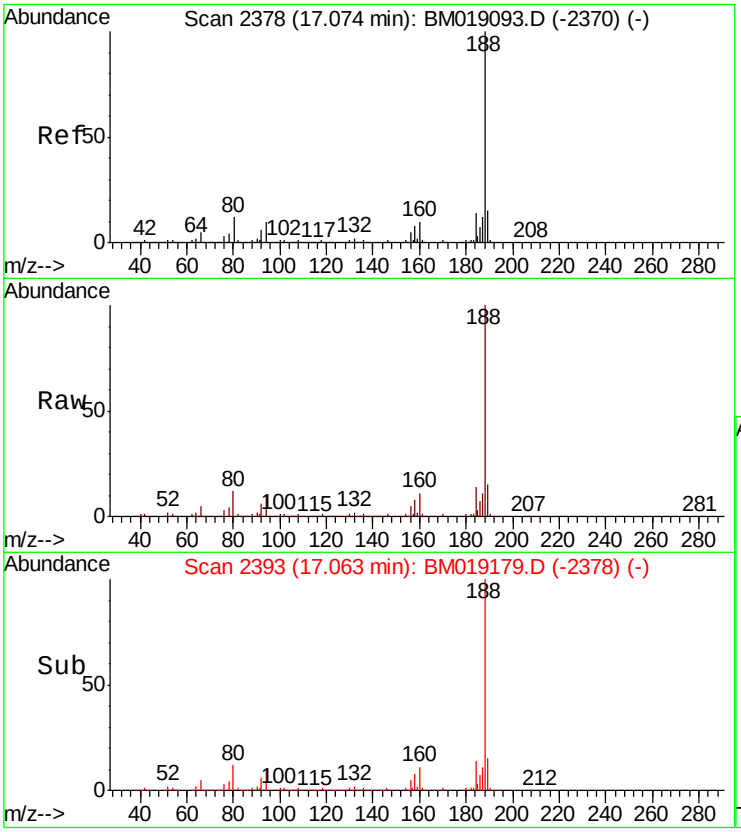


#58
Fluorene
Concen: 4.181 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:166 Resp: 165202

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.0	118.4
167	13.9	10.8	16.2



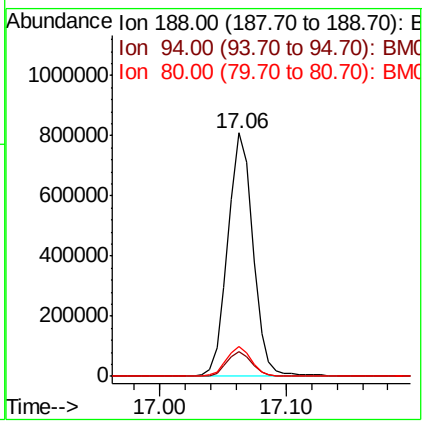


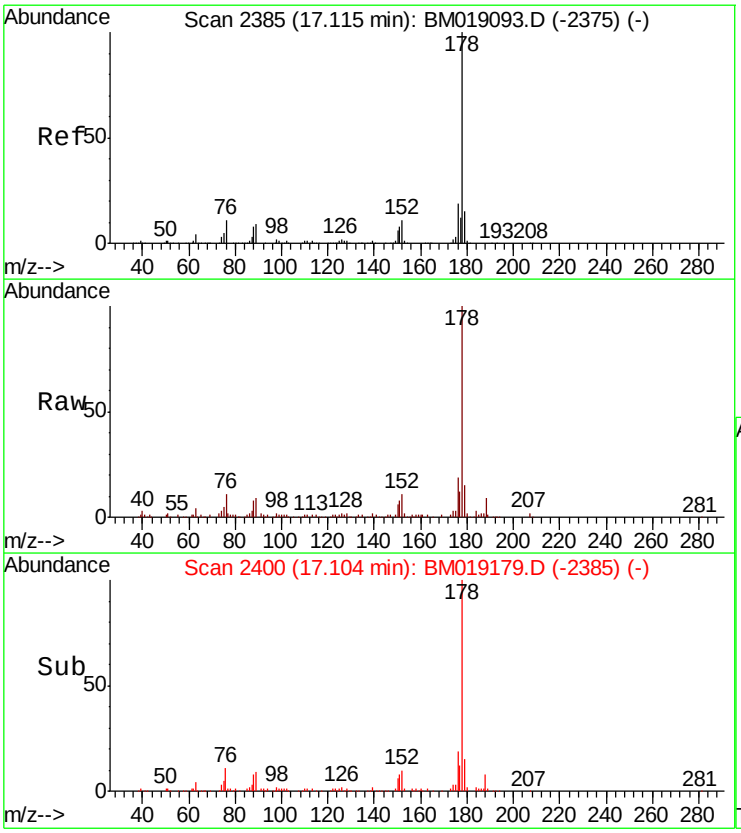
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:188 Resp: 1116744

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	12.3	9.7	14.5

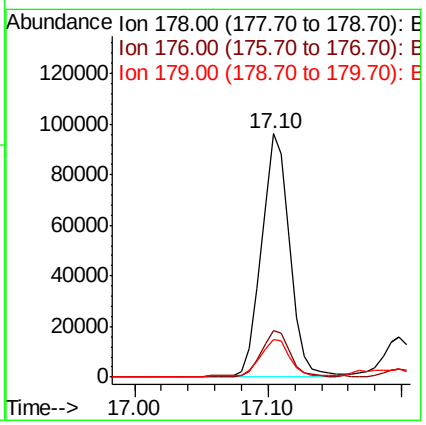


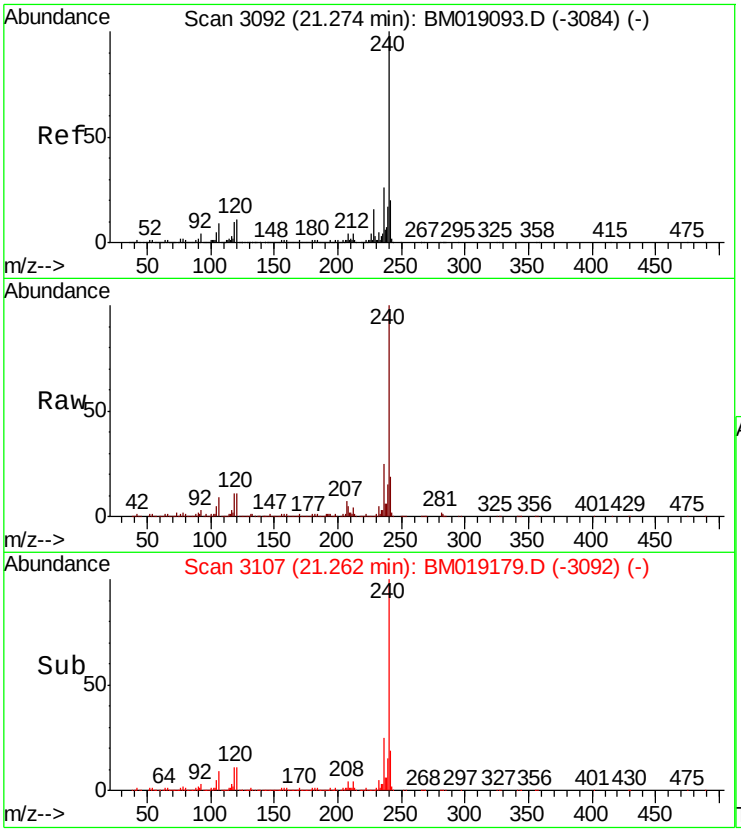


#71
Phenanthrene
Concen: 2.160 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:178 Resp: 141386

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.2	18.2



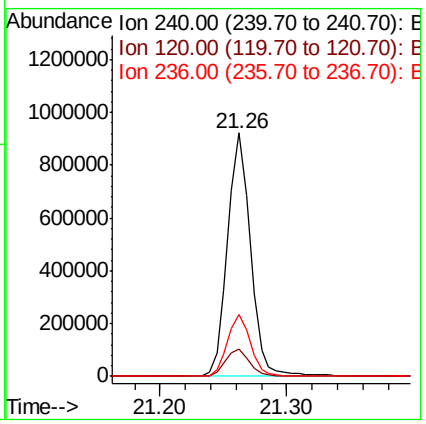


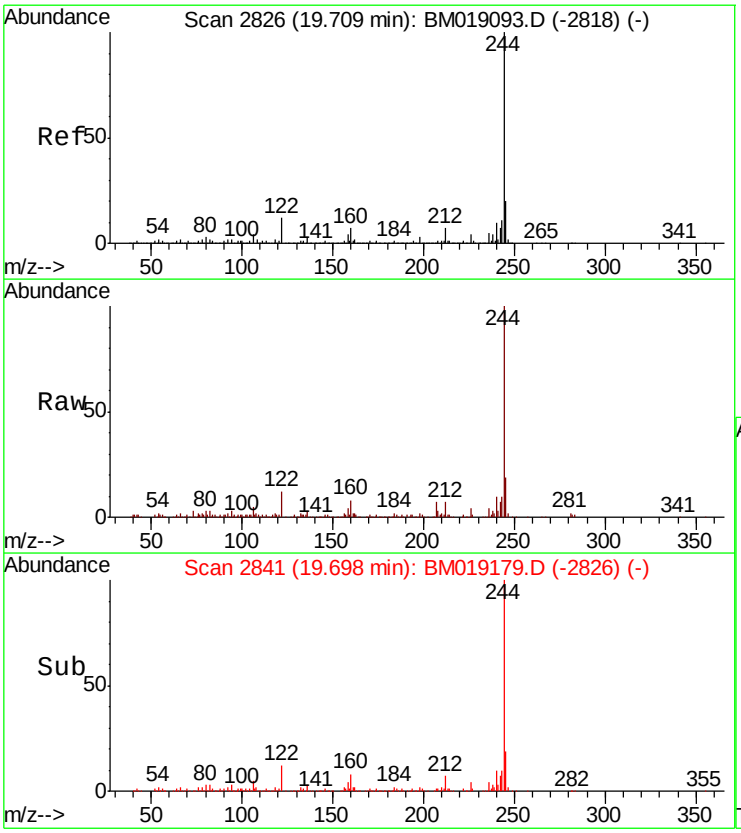
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:240 Resp: 1156182

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.4	21.0	31.4

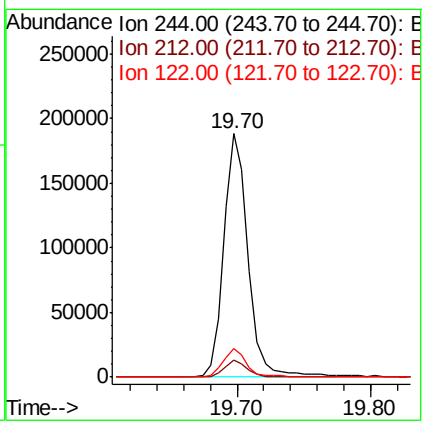


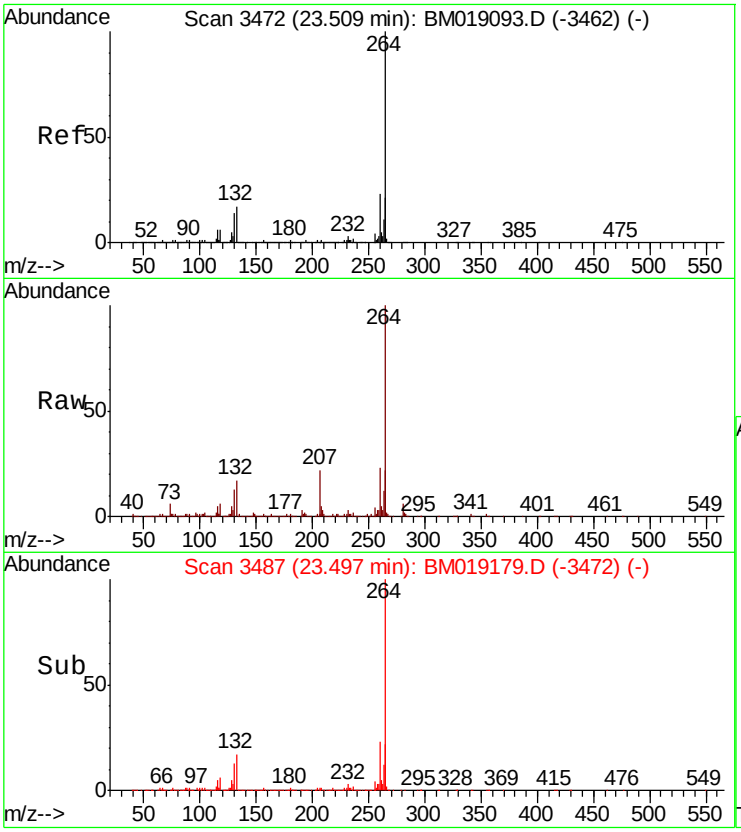


#79
Terphenyl-d14
Concen: 4.138 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Tgt Ion:244 Resp: 241003

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.7	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019179.D
Acq: 14 Mar 2019 21:07

Instrument :
BNA_M
ClientSampleId :
MW-4ADL

Tgt Ion:264 Resp: 1057254

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.4	17.3	25.9