Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\
Data File : BM016078.D
Acq On : 26 Jul 2018 18:45
Operator : SJ/JU
Sample : PB111401BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 27 04:57:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	64747	20.00	ng	-0.03
21) Naphthalene-d8	11.03	136	243142	20.00	ng	-0.03
38) Acenaphthene-d10	14.83	164	137910	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	317978	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	290977	20.00	ng	-0.02
86) Perylene-d12	24.04	264	234406	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	626861	160.82	ng	-0.02
7) Phenol-d6	7.37	99	794340	156.05	ng	-0.02
23) Nitrobenzene-d5	9.39	82	553342	105.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	303988	173.79	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1133223	99.98	ng	-0.02
78) Terphenyl-d14	20.14	244	2125762	152.93	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.38	77	2205	0.617	ng	# 2
15) Benzyl Alcohol	8.53	79	9823	2.424	ng	# 46
24) Nitrobenzene	9.39	77	2716	0.516	ng	# 43
45) 1,1'-Biphenyl	13.68	154	1195	0.096	ng	90
51) Acenaphthene	14.83	154	440	0.050	ng	# 5
73) Di-n-butylphthalate	18.49	149	897	0.040	ng	# 78
74) Fluoranthene	19.61	202	112	0.006	ng	66
79) Butylbenzylphthalate	20.82	149	907	0.102	ng	# 28
80) Benzo(a)anthracene	21.68	228	1401	0.078	ng	# 51
82) Chrysene	21.73	228	457	0.027	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.55	149	1807	0.141	ng	# 86
84) Di-n-octyl phthalate	22.46	149	376	0.017	ng	# 1
87) Benzo(b)fluoranthene	23.34	252	854	0.062	ng	# 1
88) Benzo(k)fluoranthene	23.39	252	816	0.058	ng	# 1
89) Benzo(a)pyrene	23.94	252	245	0.018	ng	# 1

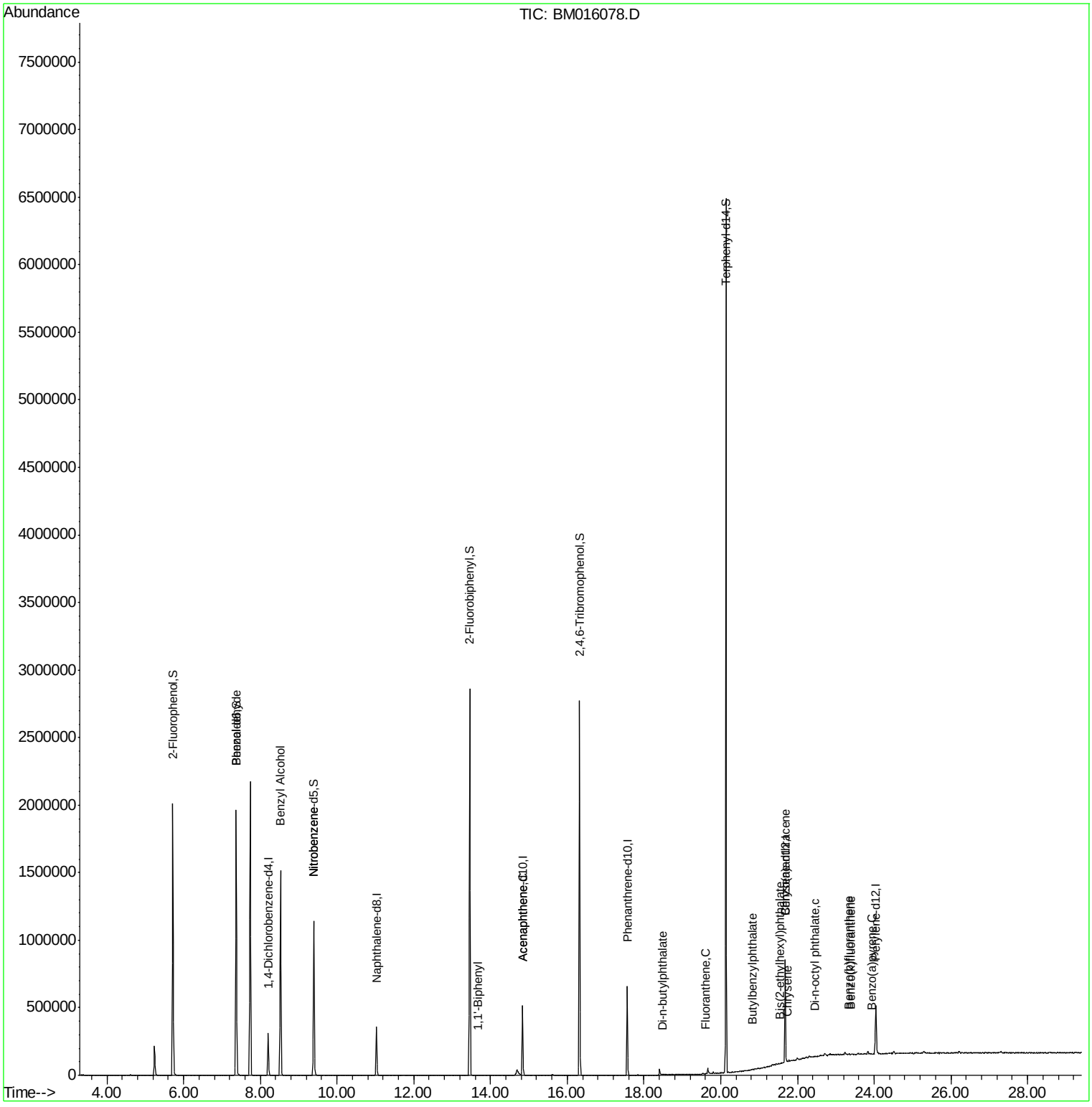
(#) = qualifier out of range (m) = manual integration (+) = signals summed

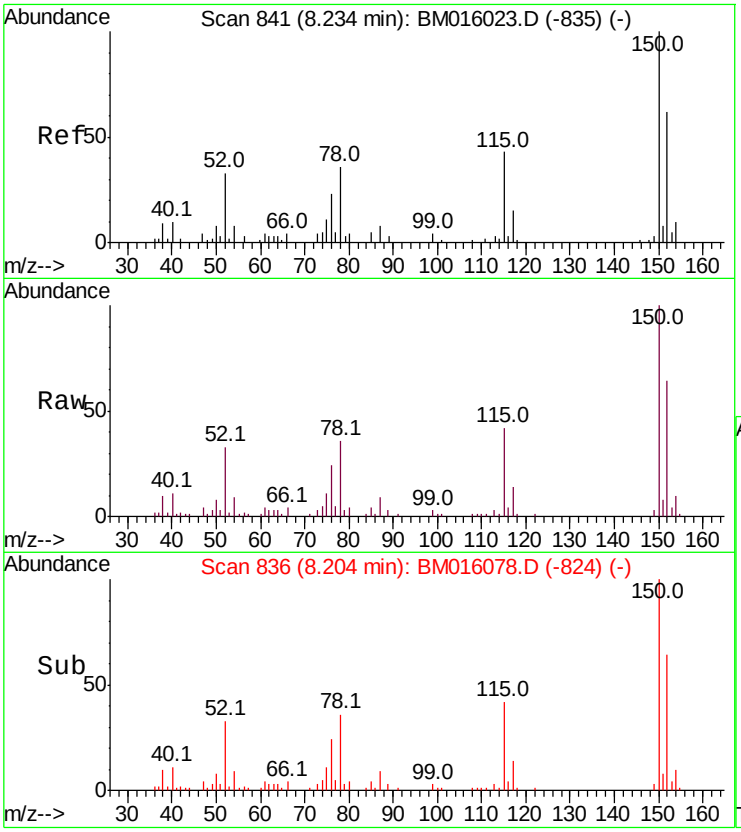
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\
Data File : BM016078.D
Acq On : 26 Jul 2018 18:45
Operator : SJ/JU
Sample : PB111401BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 27 04:57:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration



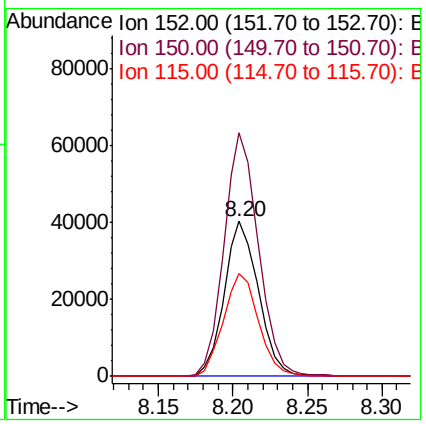


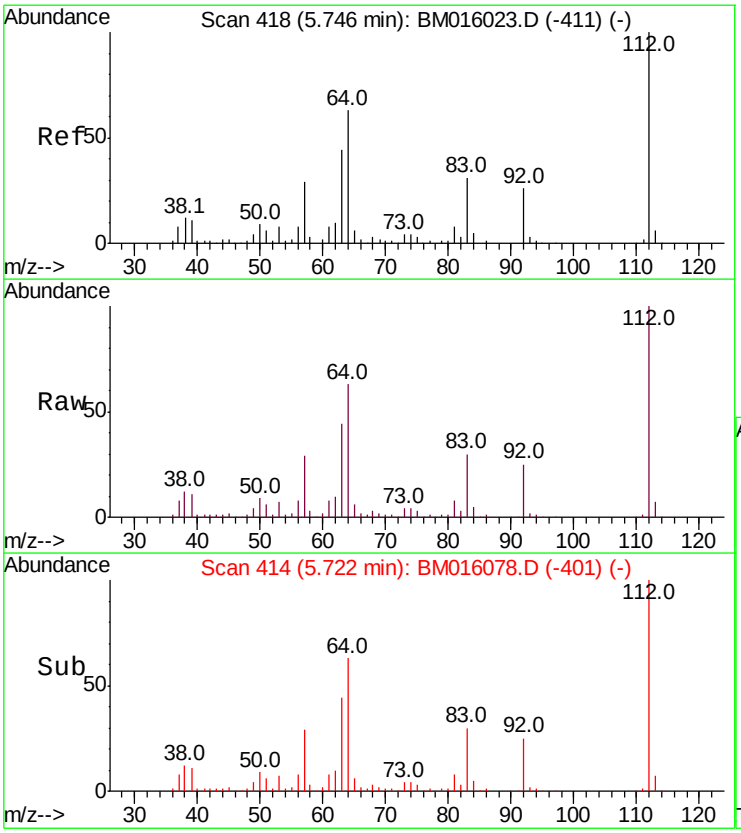
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.20 min Scan# 836
Delta R.T. -0.03 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 64747

Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	66.5	43.0	64.4#

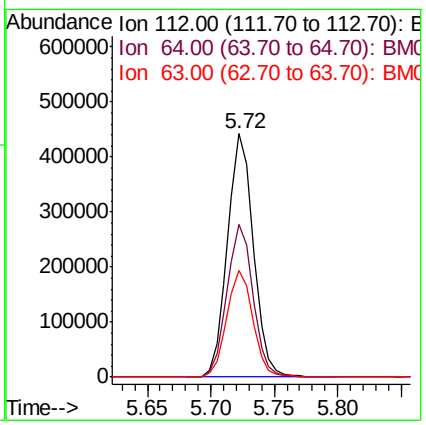


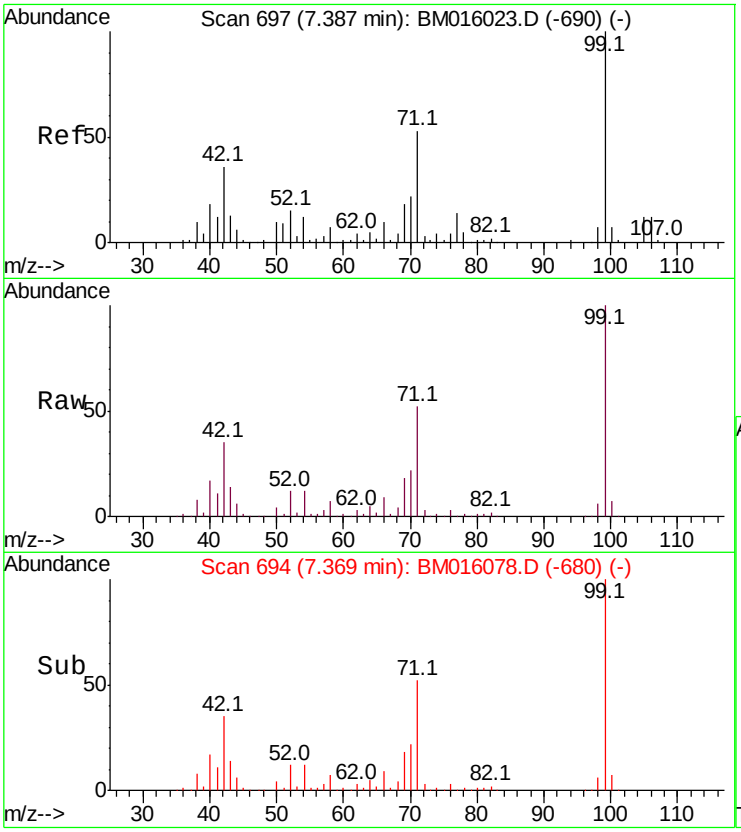


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.72 min Scan# 414
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:112 Resp: 626861

Ion	Ratio	Lower	Upper
112	100		
64	62.6	38.6	57.8#
63	44.0	19.3	28.9#



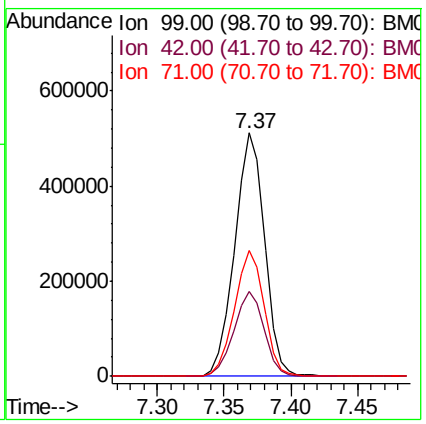


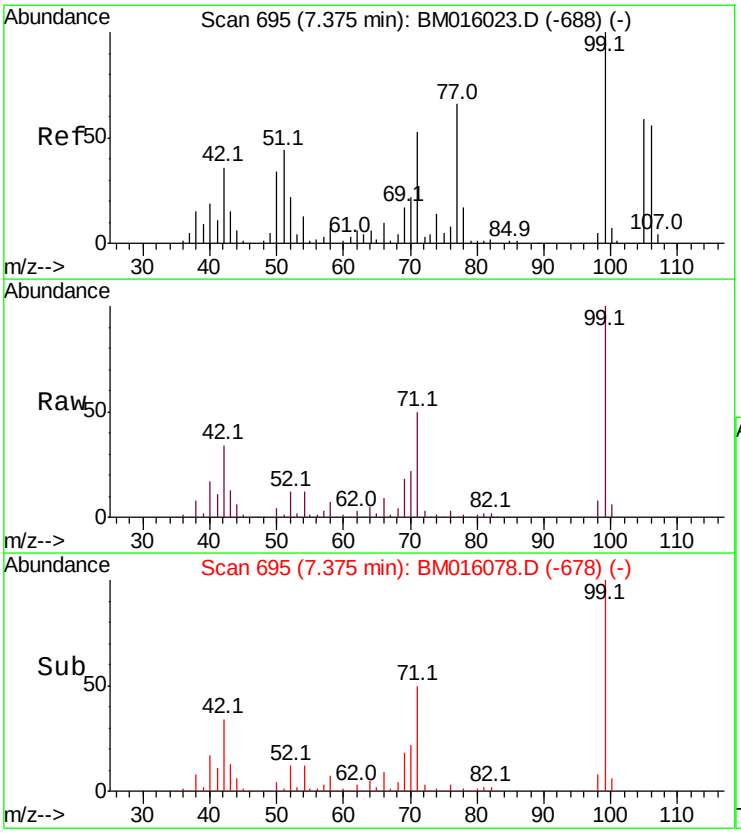
#7
Phenol-d6
Concen: N.D. ng
RT: 7.37 min Scan# 694
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 794340

Ion	Ratio	Lower	Upper
99	100		
42	35.1	11.0	16.4#
71	51.6	23.4	35.2#

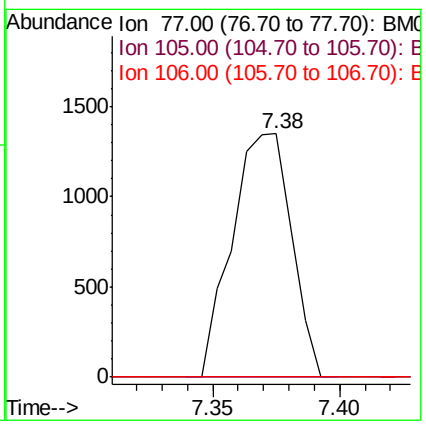


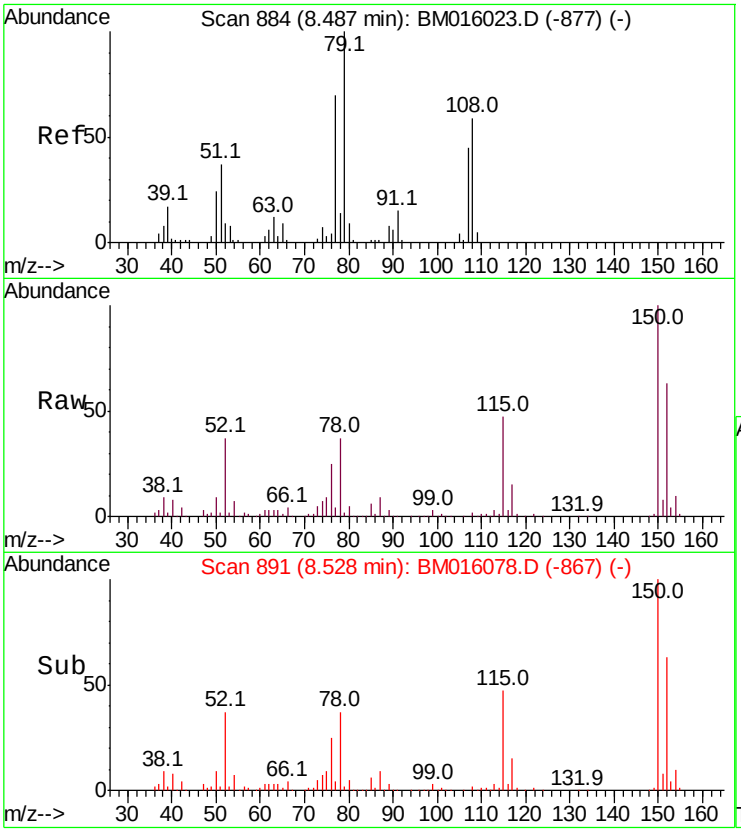


#9
Benzaldehyde
Concen: 0.617 ng
RT: 7.38 min Scan# 695
Delta R.T. -0.00 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion: 77 Resp: 2205

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#



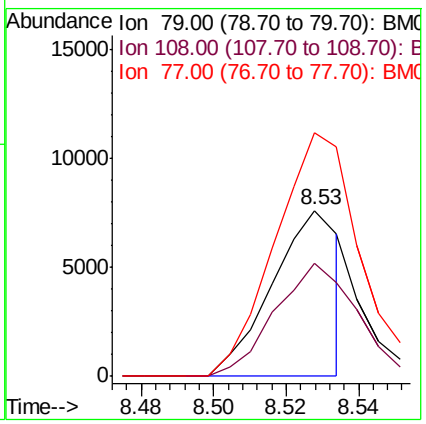


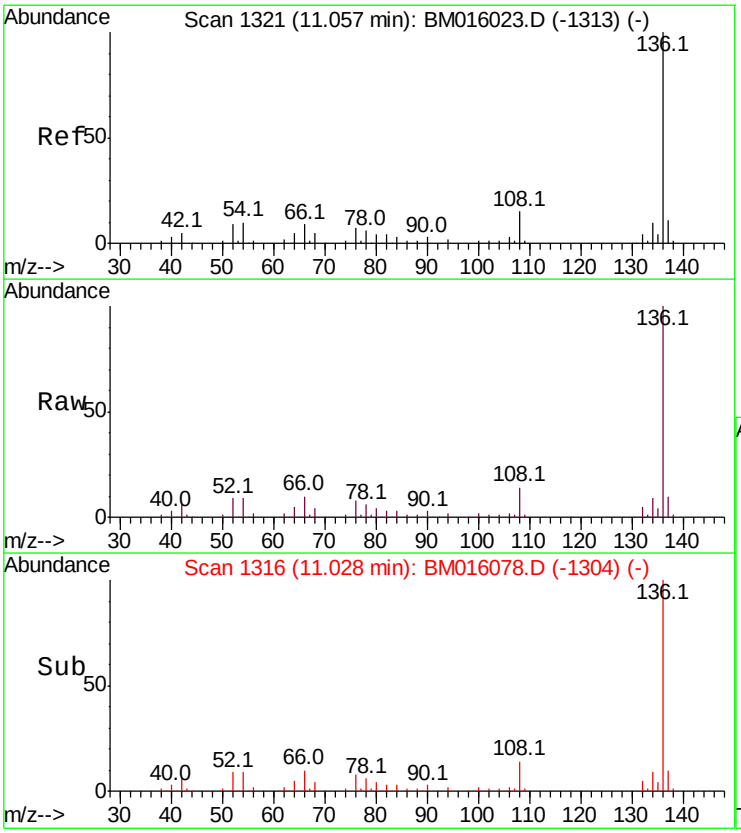
#15
Benzyl Alcohol
Concen: 2.424 ng
RT: 8.53 min Scan# 891
Delta R.T. 0.04 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 9823

Ion	Ratio	Lower	Upper
79	100		
108	68.2	65.0	97.4
77	147.1	53.0	79.6#

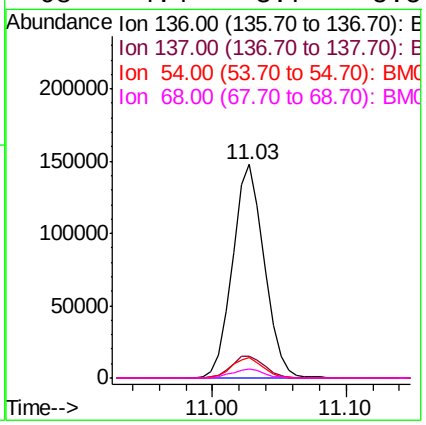


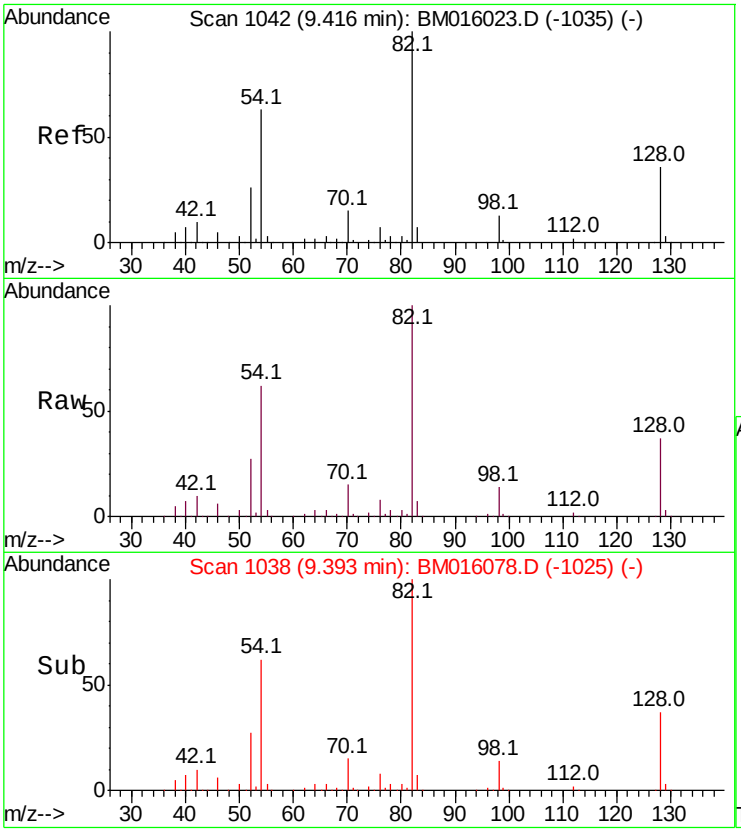


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.03 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:136 Resp: 243142

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	9.4	4.6	6.8#
68	4.4	3.7	5.5



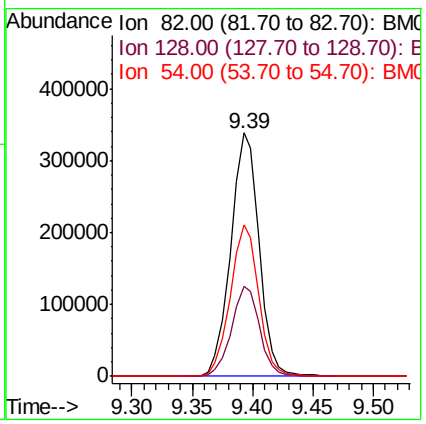


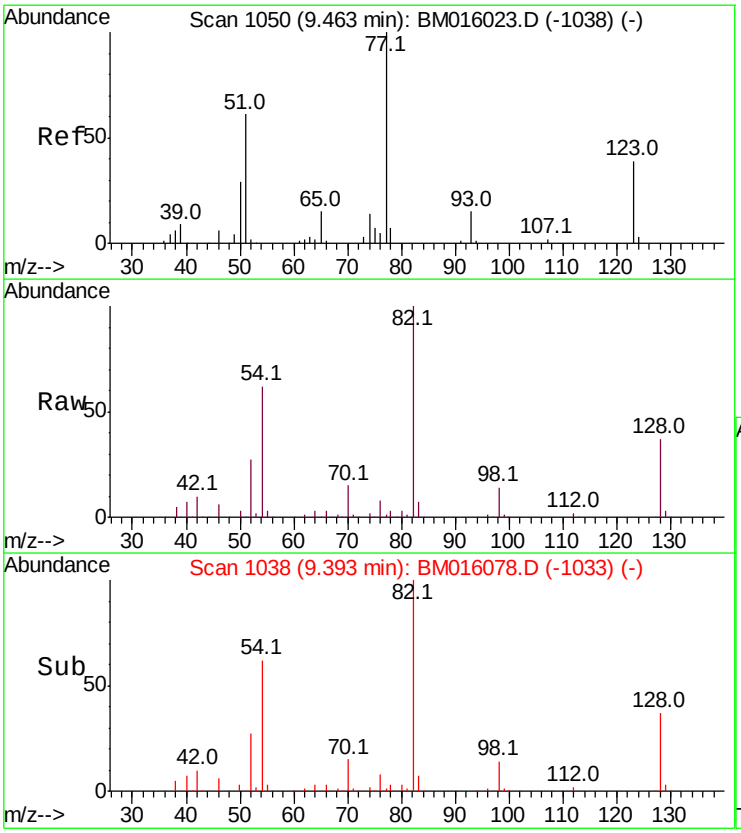
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 553342

Ion	Ratio	Lower	Upper
82	100		
128	36.7	32.8	49.2
54	62.4	40.6	60.8#

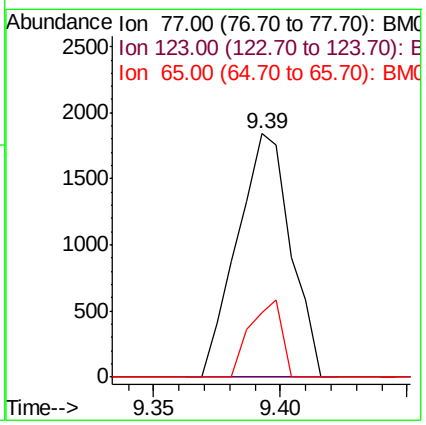


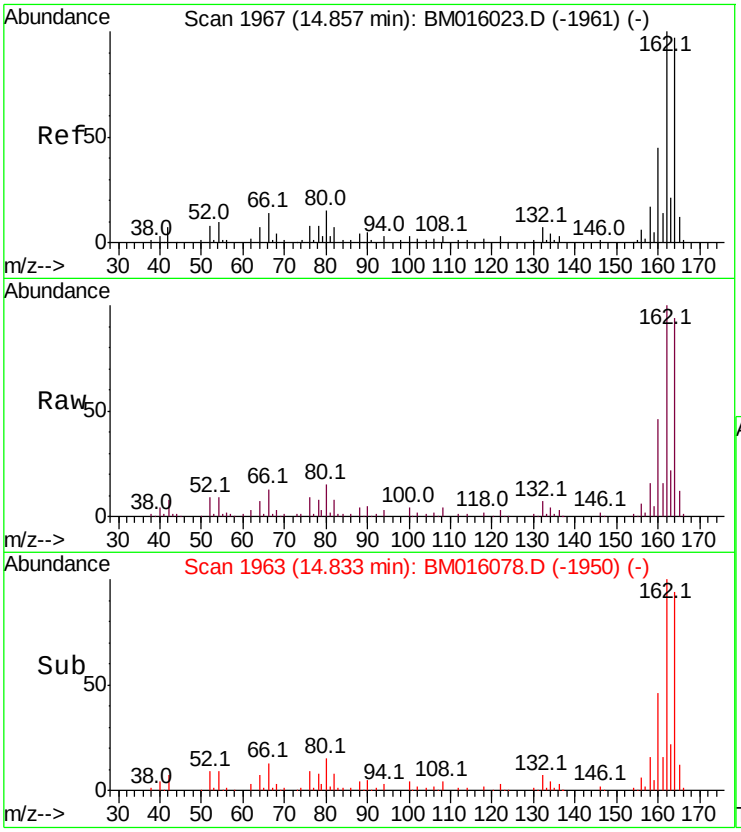


#24
Nitrobenzene
Concen: 0.516 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.07 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion: 77 Resp: 2716

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	26.3	10.9	16.3#



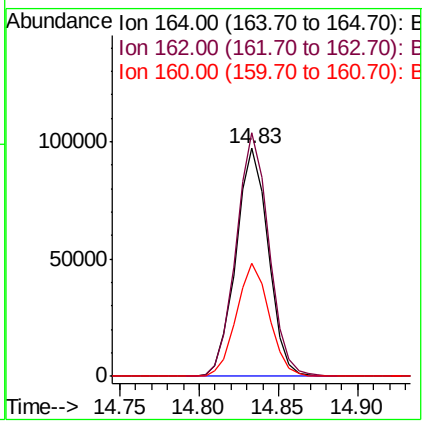


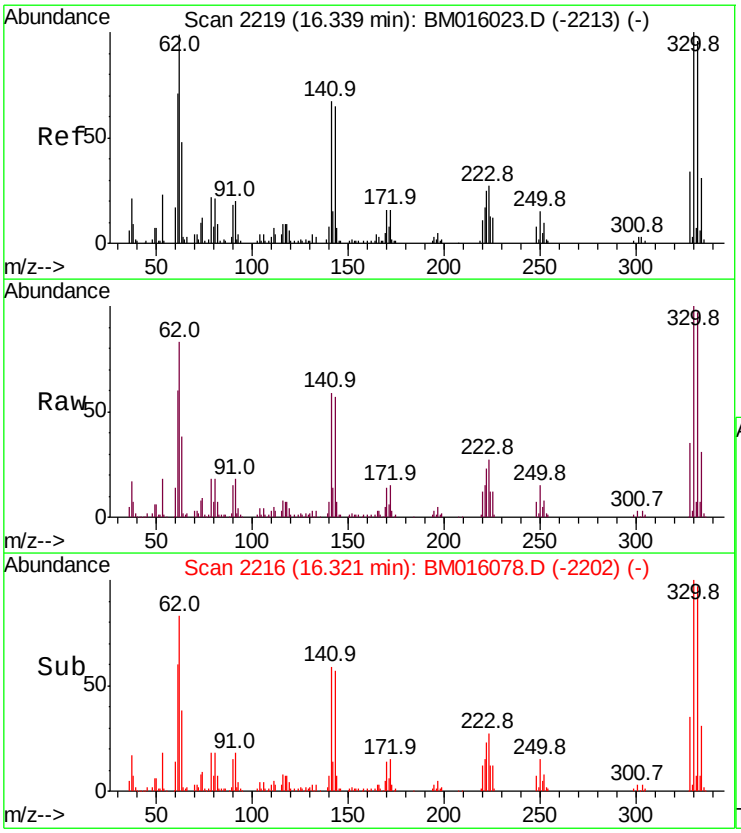
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 137910

Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.4	123.6
160	49.5	35.8	53.6

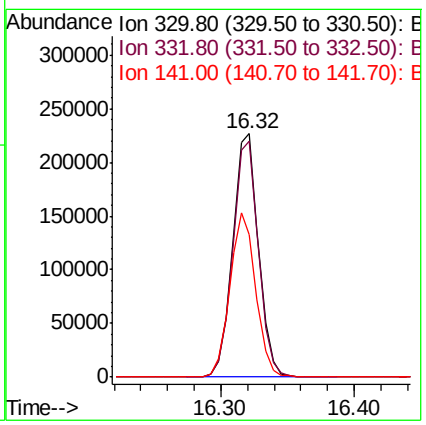


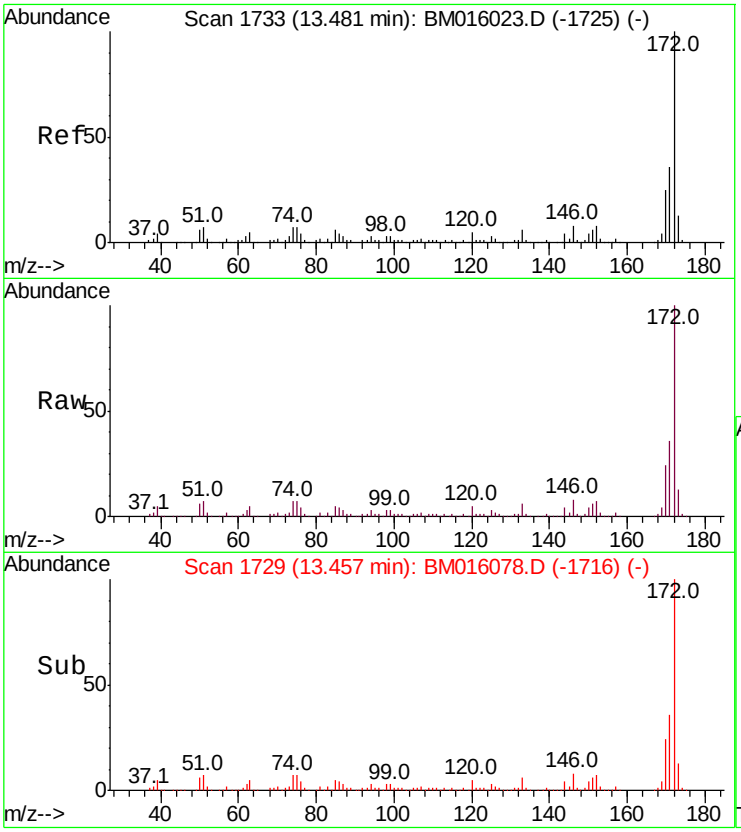


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.32 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:330 Resp: 303988

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	67.9	0.0	0.0#



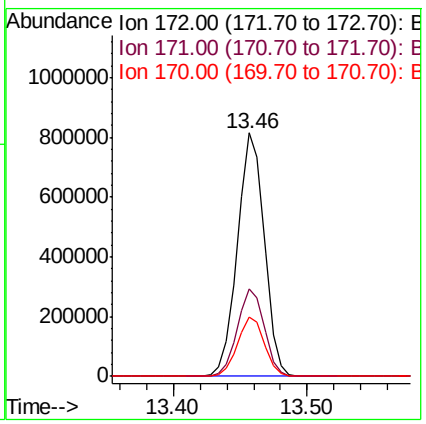


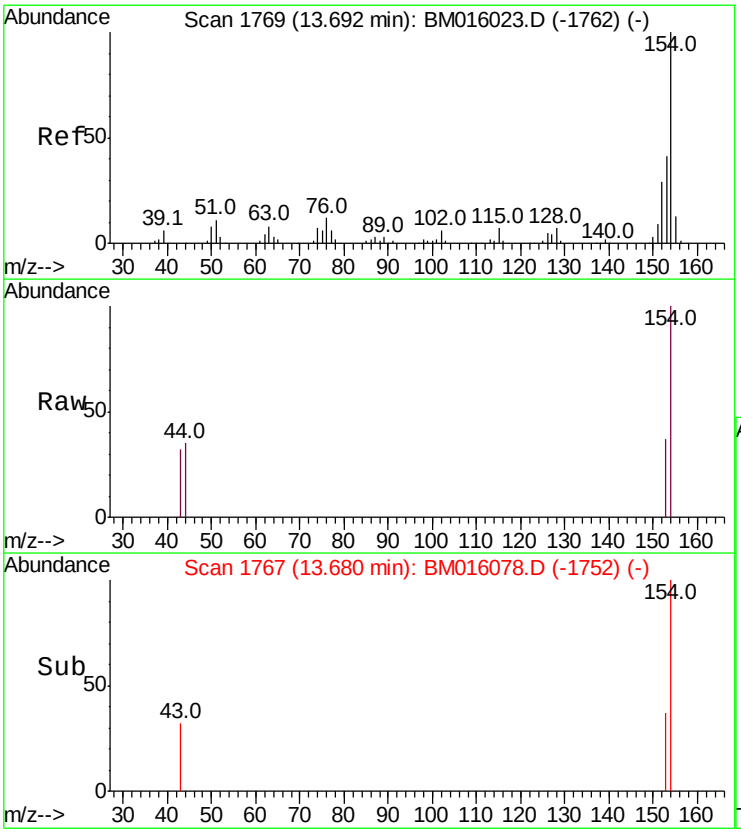
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.46 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1133223

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.3	18.8	28.2

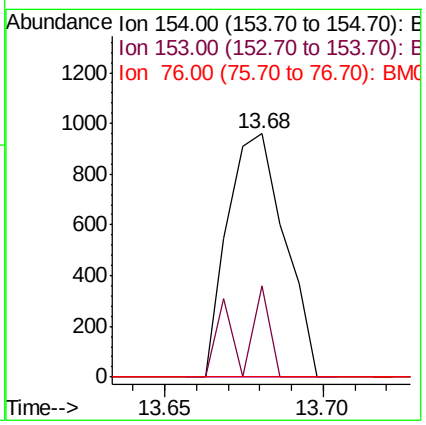


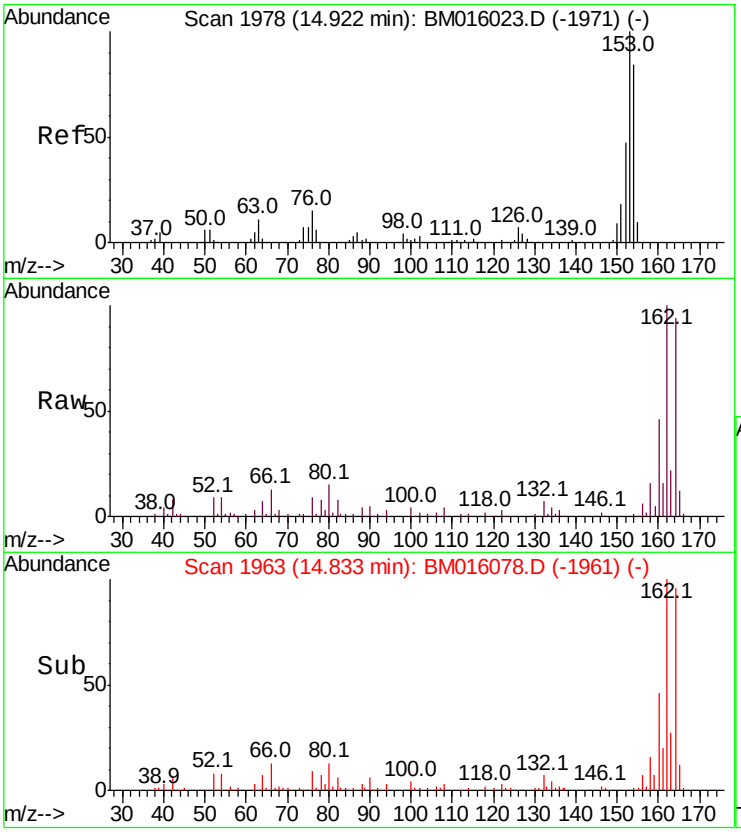


#45
1,1'-Biphenyl
Concen: 0.096 ng
RT: 13.68 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:154 Resp: 1195

Ion	Ratio	Lower	Upper
154	100		
153	37.4	20.7	60.7
76	0.0	0.0	30.9



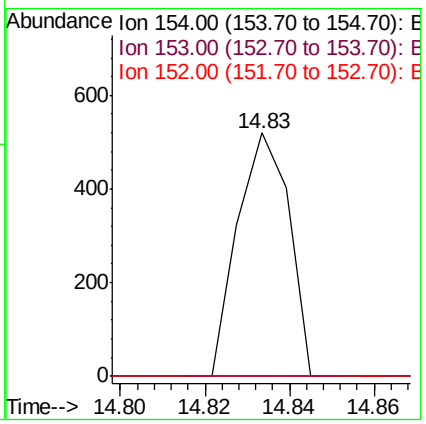


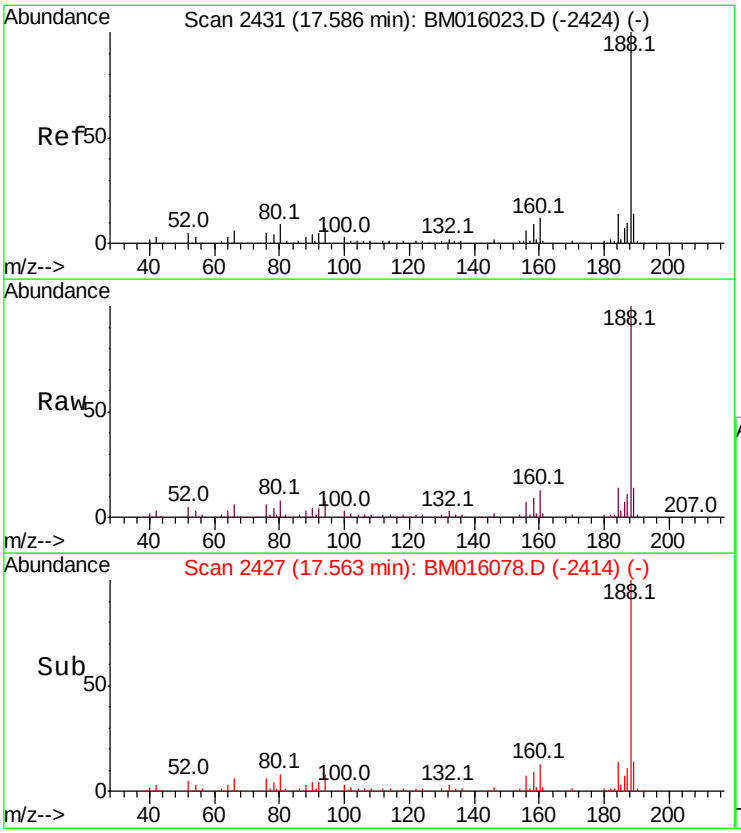
#51
Acenaphthene
Concen: 0.050 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.09 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 440

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.0	135.0#
152	0.0	42.6	63.8#

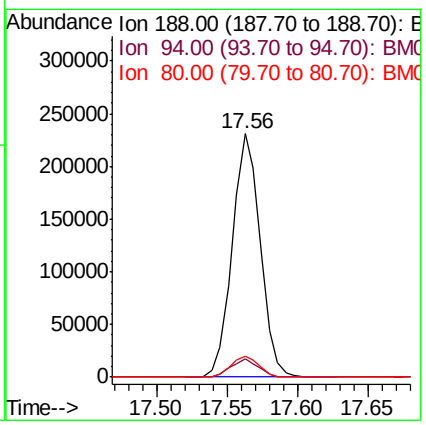


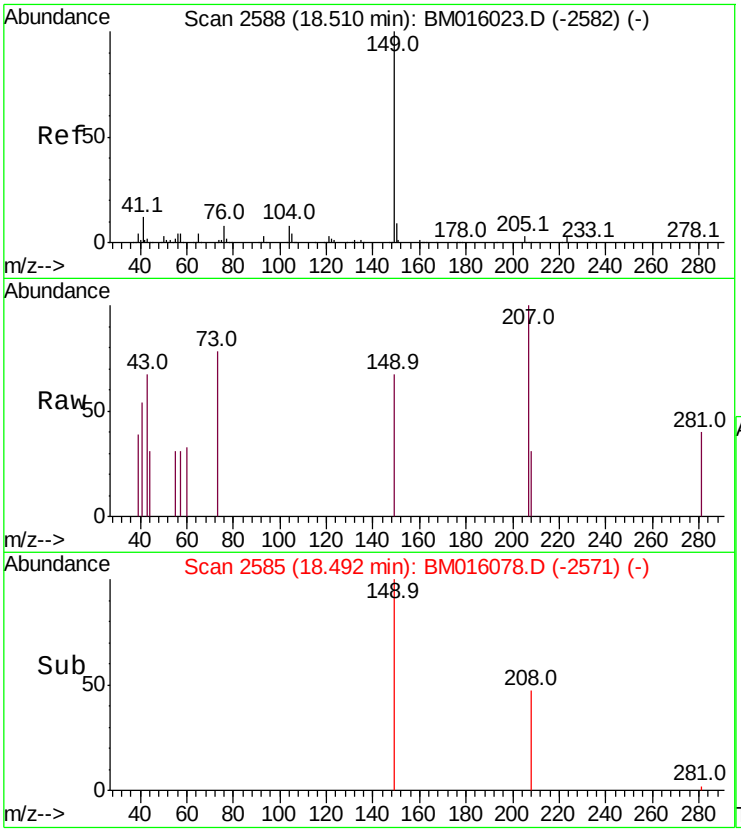


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:188 Resp: 317978

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.7	13.1#
80	8.5	9.3	13.9#



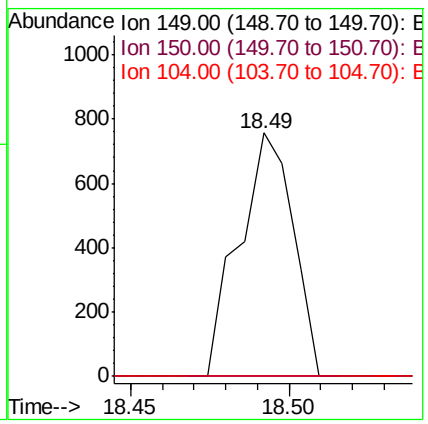


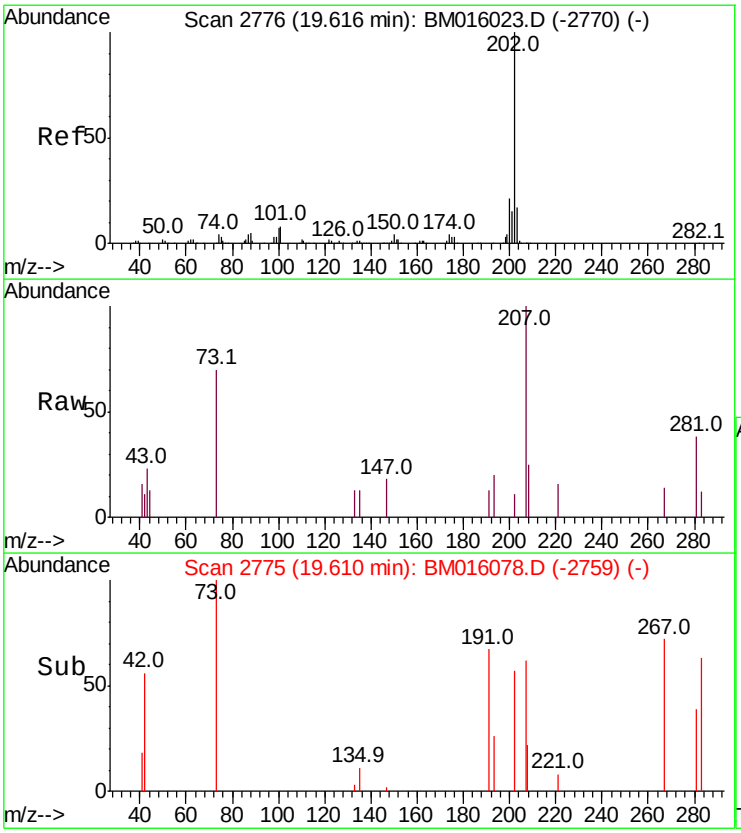
#73
Di-n-butylphthalate
Concen: 0.040 ng
RT: 18.49 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 897

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	3.7	5.5#

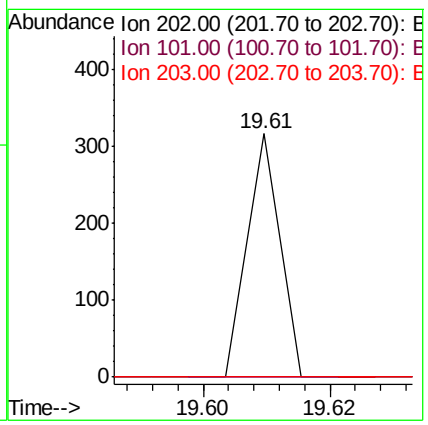


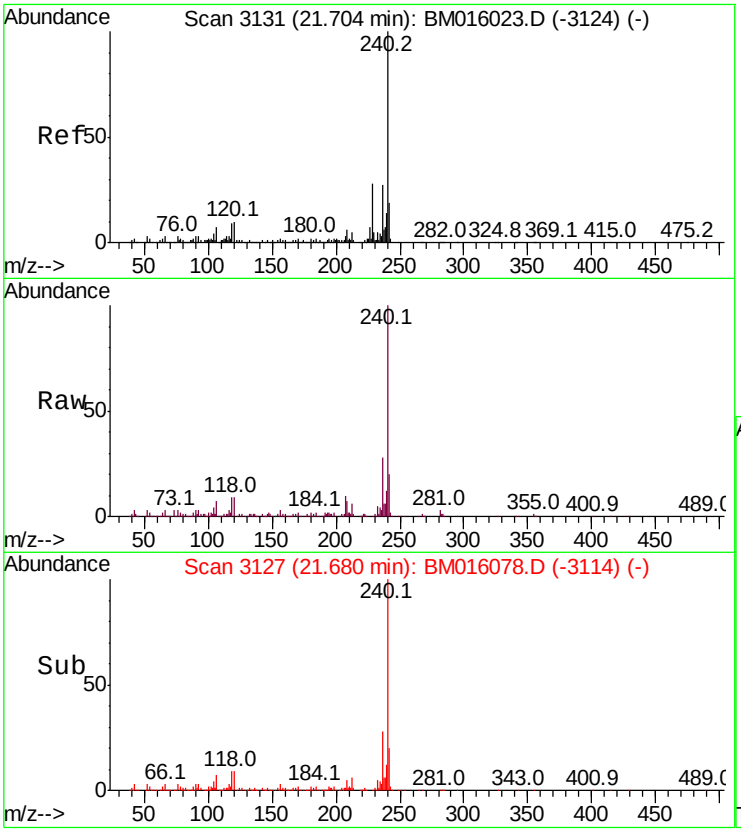


#74
Fluoranthene
Concen: 0.006 ng
RT: 19.61 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:202 Resp: 112

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.7
203	0.0	0.0	37.2



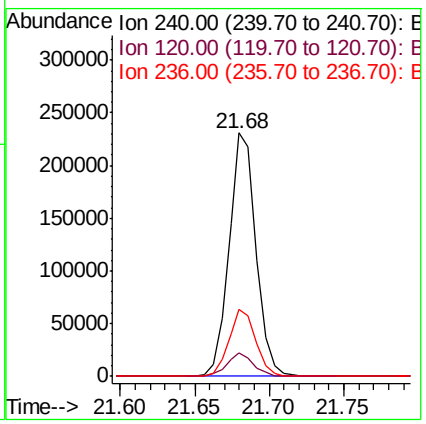


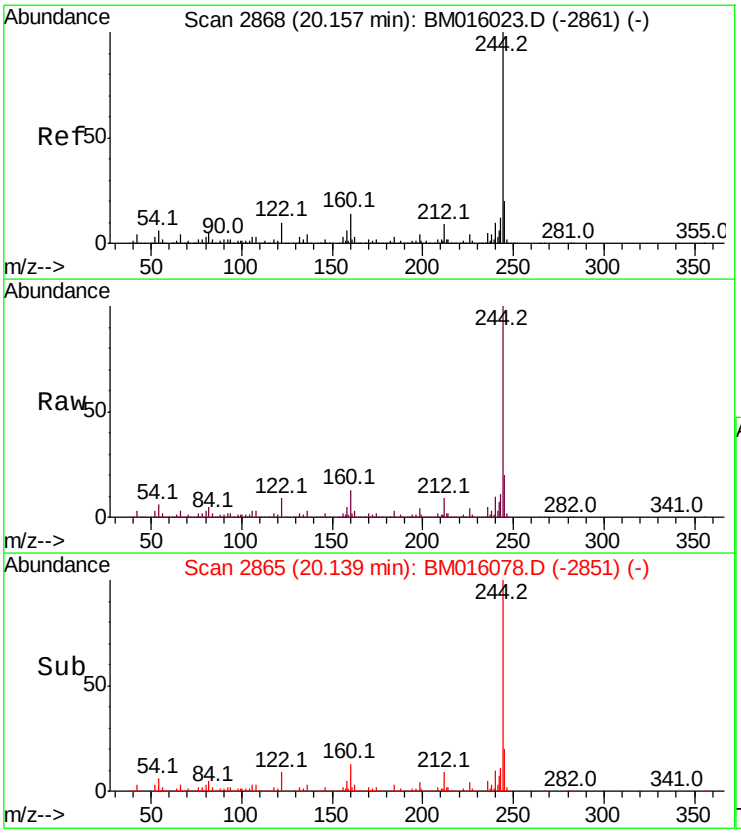
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 290977

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	27.7	20.0	30.0

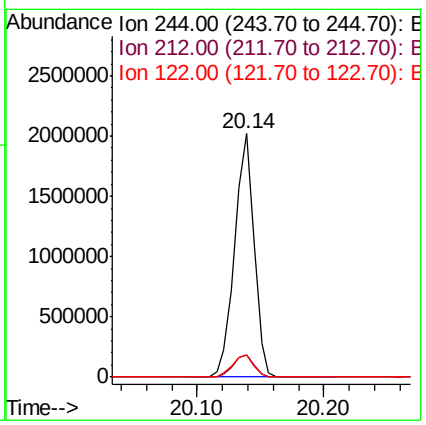


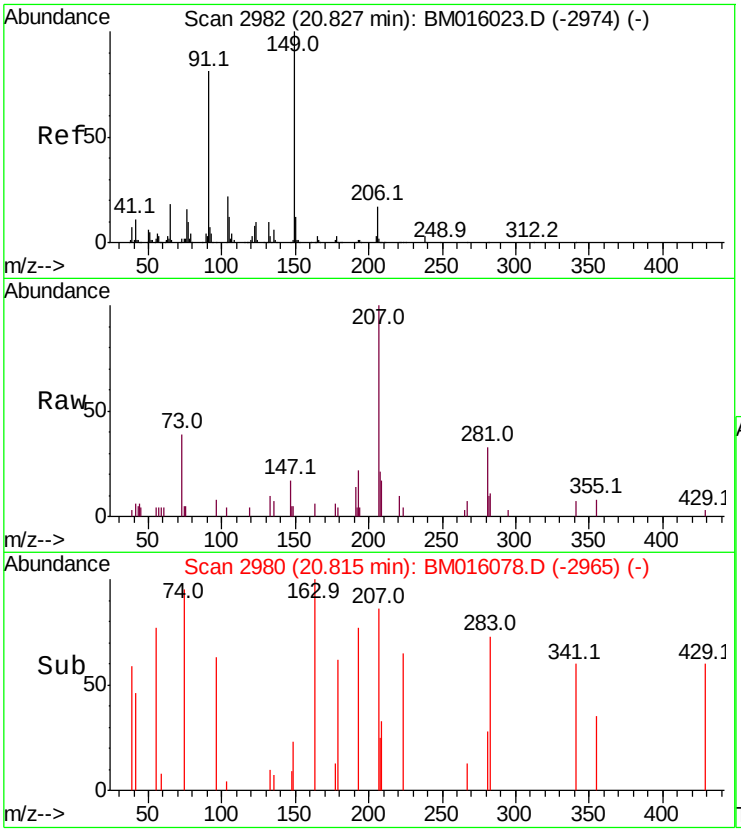


#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.14 min Scan# 2865
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:244 Resp: 2125762

Ion	Ratio	Lower	Upper
244	100		
212	9.2	4.9	7.3#
122	9.0	6.2	9.4



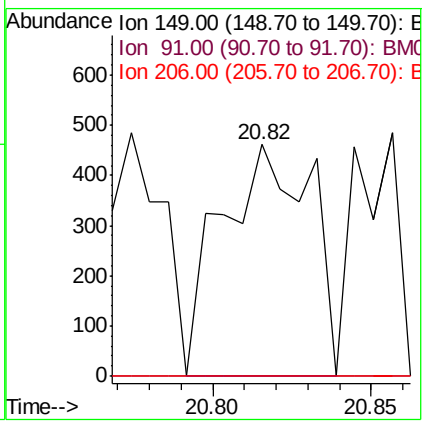


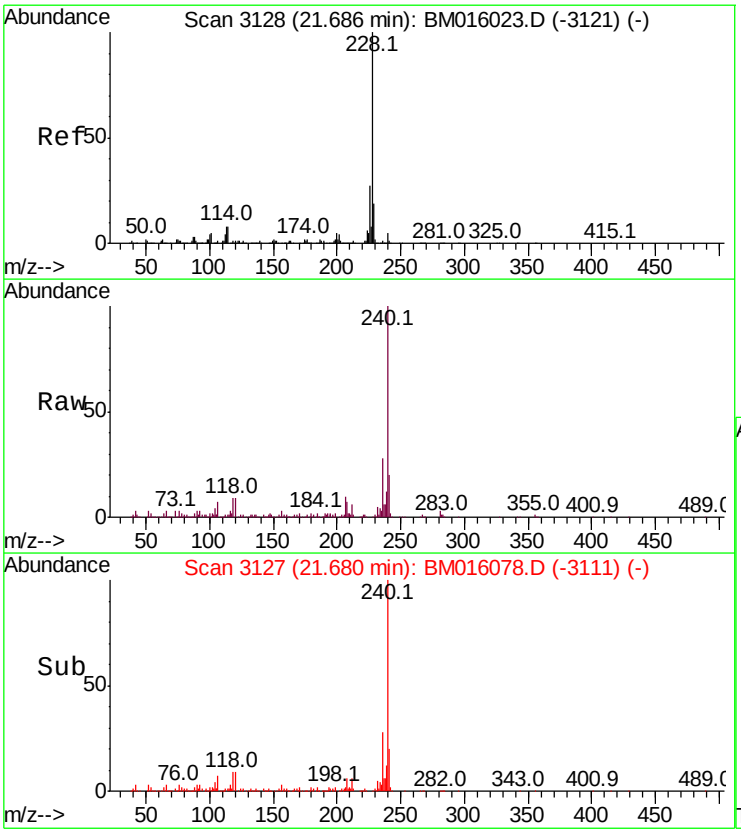
#79
Butylbenzylphthalate
Concen: 0.102 ng
RT: 20.82 min Scan# 2980
Delta R.T. -0.01 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 907

Ion	Ratio	Lower	Upper
149	100		
91	0.0	50.1	75.1#
206	0.0	16.2	24.2#

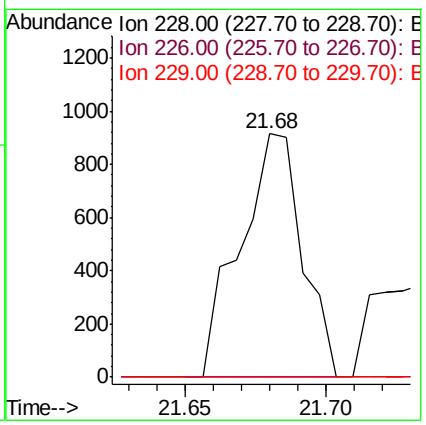


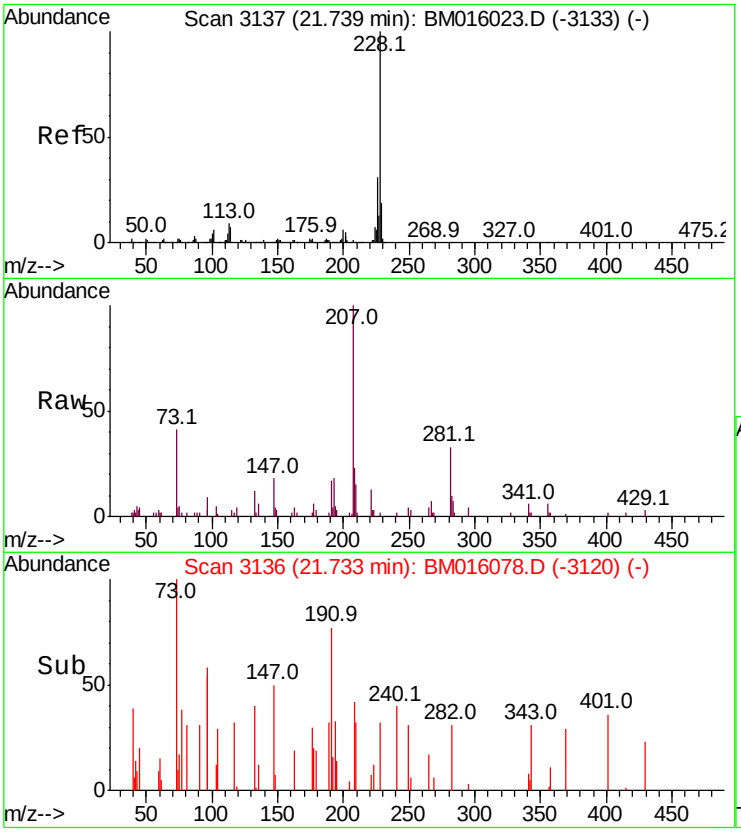


#80
Benzo(a)anthracene
Concen: 0.078 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:228 Resp: 1401

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	0.0	16.0	24.0#



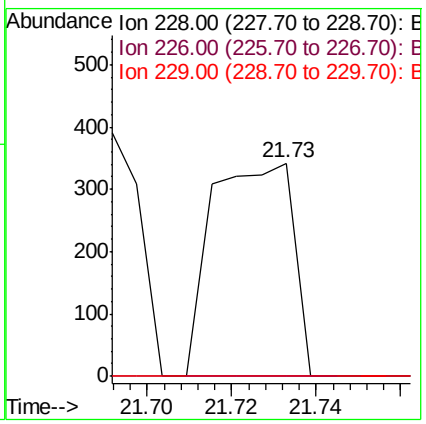


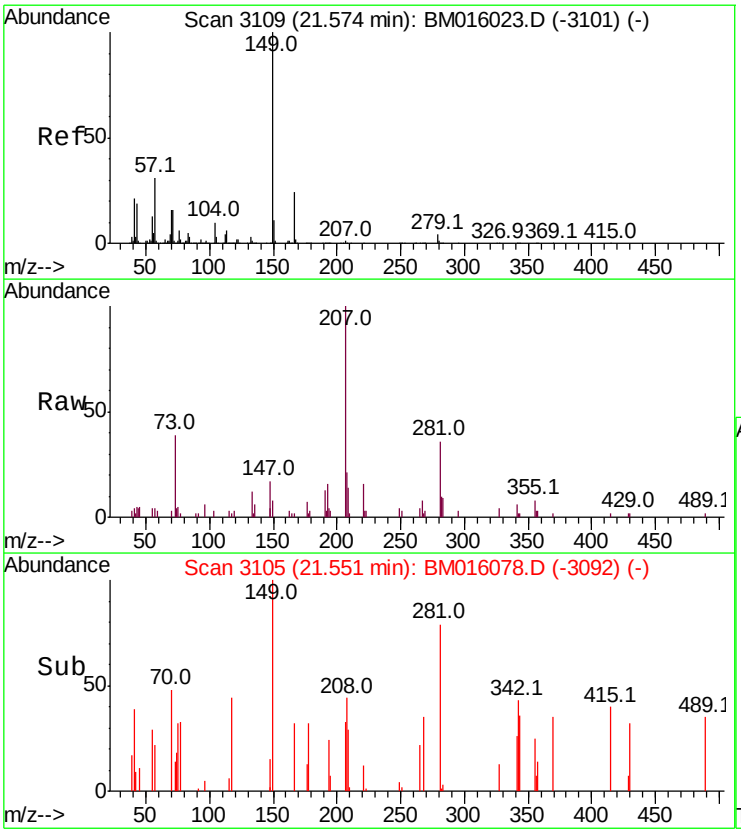
#82
Chrysene
Concen: 0.027 ng
RT: 21.73 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 457

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.1	36.1#
229	0.0	15.5	23.3#

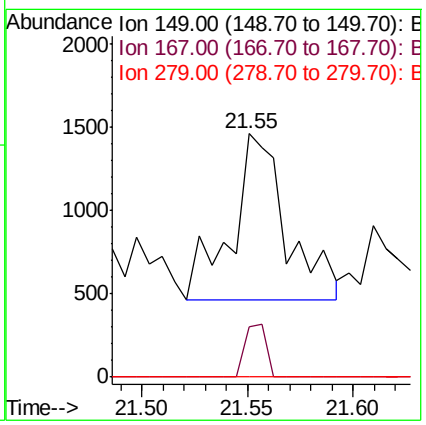


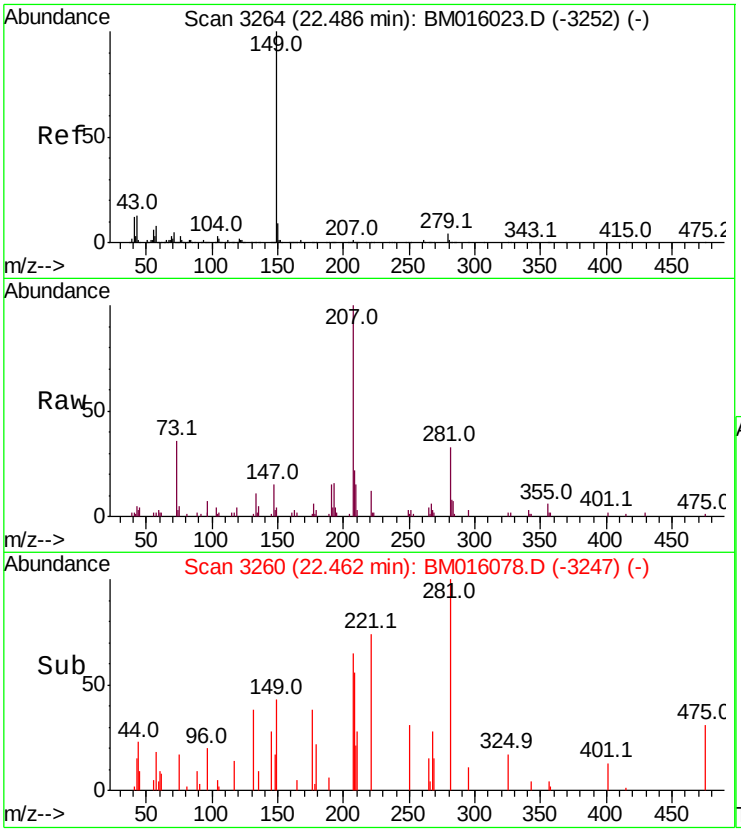


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.55 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:149 Resp: 1807

Ion	Ratio	Lower	Upper
149	100		
167	20.8	22.4	33.6#
279	0.0	3.4	5.0#



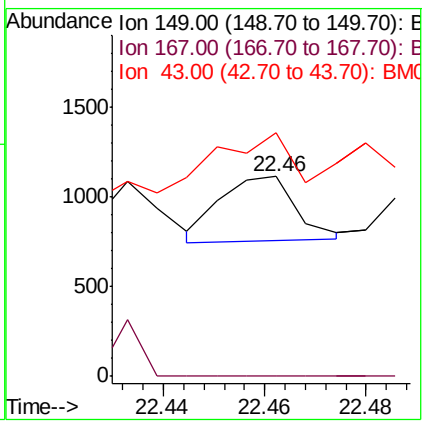


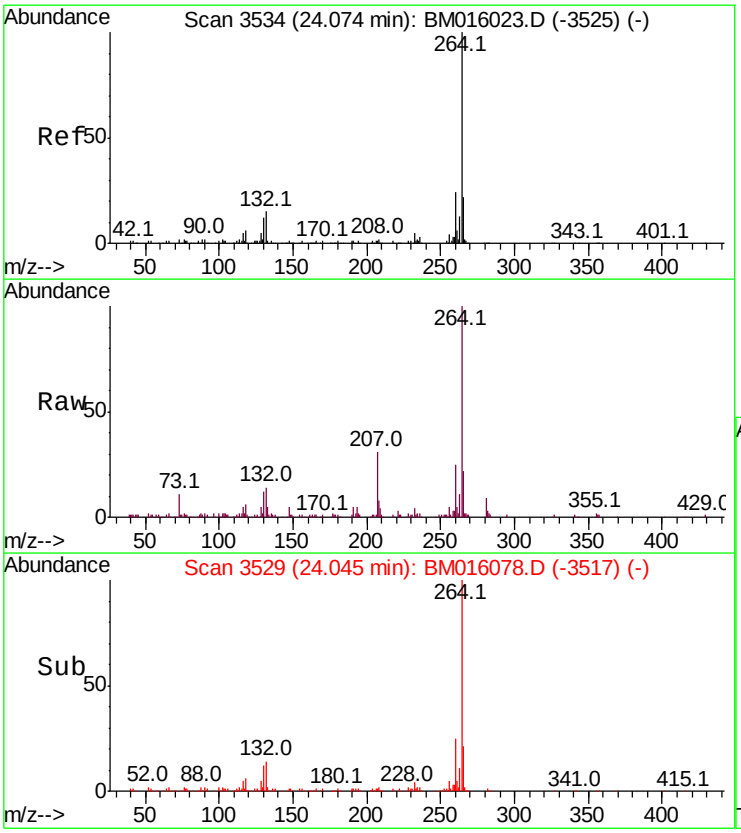
#84
Di-n-octyl phthalate
Concen: 0.017 ng
RT: 22.46 min Scan# 3260
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 376

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	158.2	7.3	10.9#

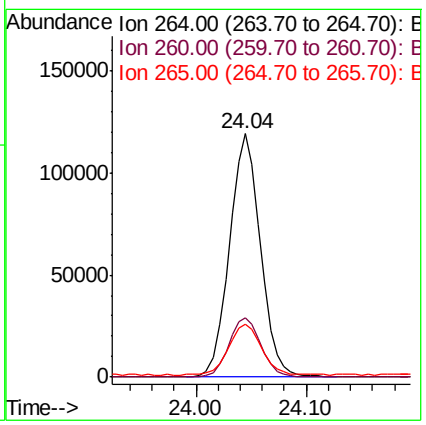


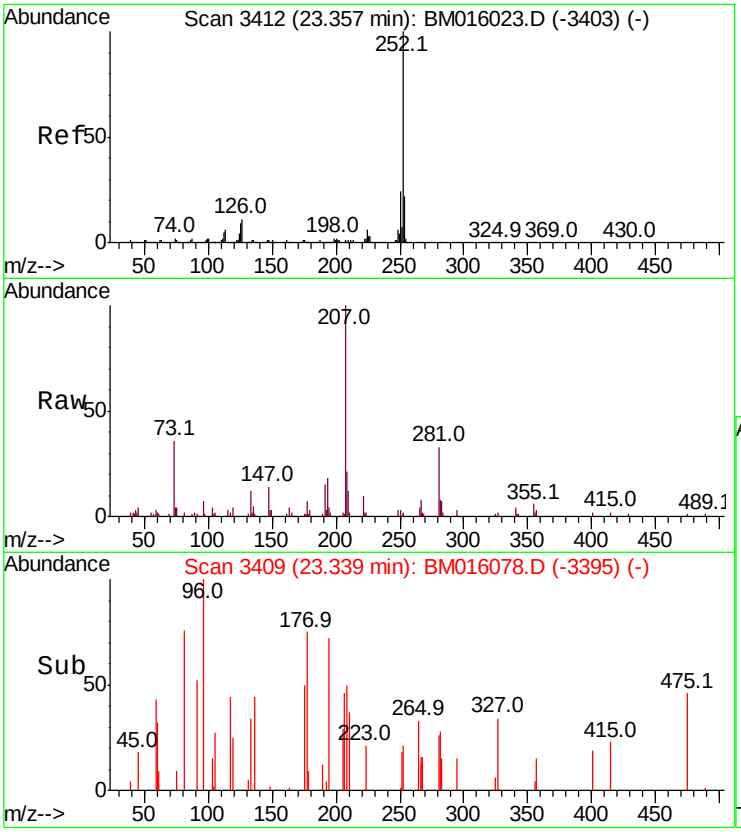


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.04 min Scan# 3529
Delta R.T. -0.03 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:264 Resp: 234406

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.9	17.3	25.9



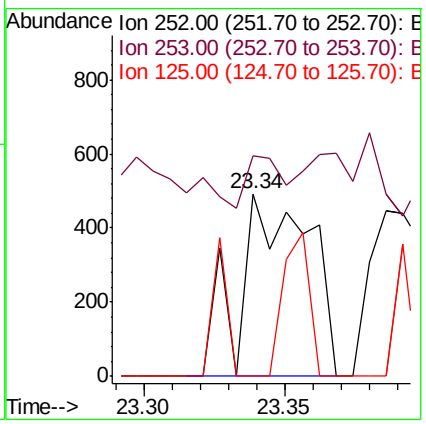


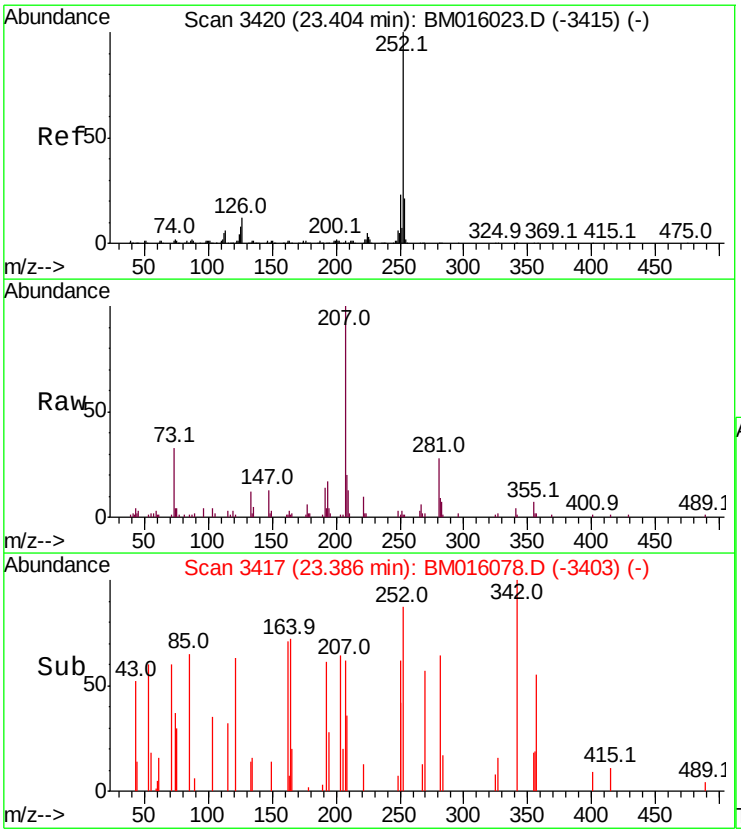
#87
Benzo(b)fluoranthene
Concen: 0.062 ng
RT: 23.34 min Scan# 3409
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 854

Ion	Ratio	Lower	Upper
252	100		
253	120.9	18.0	27.0#
125	0.0	9.9	14.9#

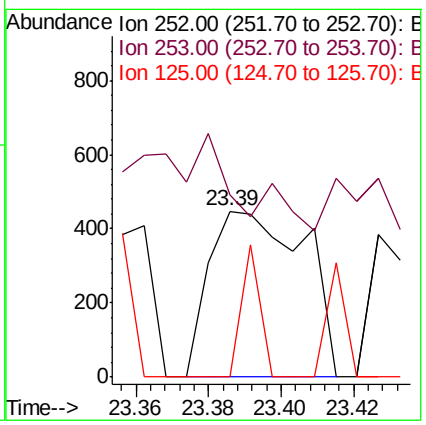


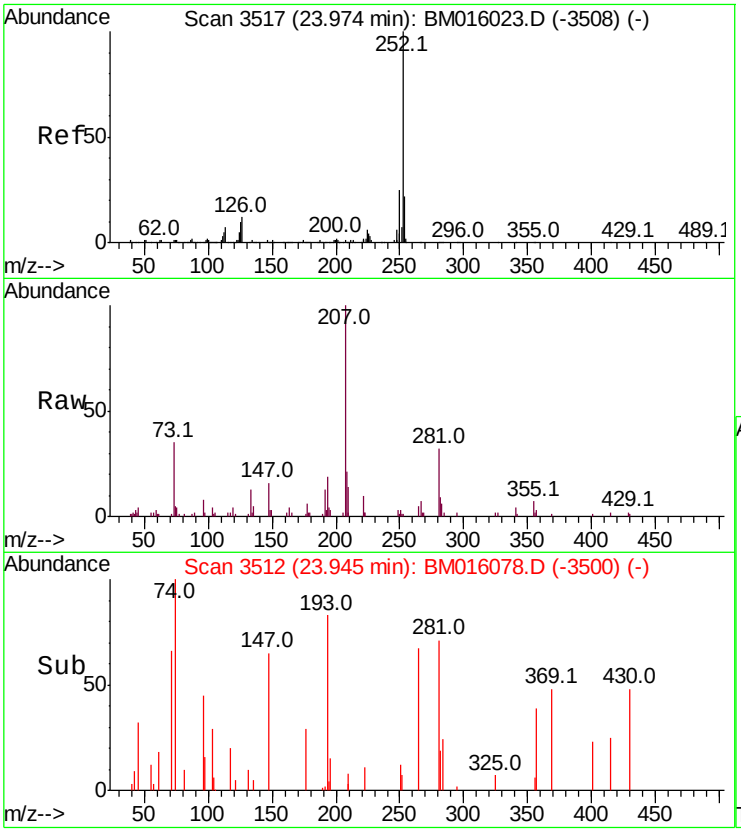


#88
Benzo(k)fluoranthene
Concen: 0.058 ng
RT: 23.39 min Scan# 3417
Delta R.T. -0.02 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Tgt Ion:252 Resp: 816

Ion	Ratio	Lower	Upper
252	100		
253	110.0	17.2	25.8#
125	0.0	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 0.018 ng
RT: 23.94 min Scan# 3512
Delta R.T. -0.03 min
Lab File: BM016078.D
Acq: 26 Jul 2018 18:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 245

Ion	Ratio	Lower	Upper
252	100		
253	111.1	17.6	26.4#
125	0.0	7.4	11.2#