Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\
Data File : BM016086.D
Acq On : 26 Jul 2018 23:37
Operator : SJ/JU
Sample : J4160-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 27 04:59:54 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	65430	20.00	ng		-0.03
21) Naphthalene-d8	11.02	136	244432	20.00	ng		-0.04
38) Acenaphthene-d10	14.83	164	129958	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	273057	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	215625	20.00	ng		-0.02
86) Perylene-d12	24.04	264	213384	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	164471	41.76	ng		-0.02
7) Phenol-d6	7.36	99	138411	26.91	ng		-0.03
23) Nitrobenzene-d5	9.39	82	560050	106.57	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	155192	94.15	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	1117399	104.62	ng		-0.02
78) Terphenyl-d14	20.13	244	1244947	120.86	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.39	94	4186	0.814	ng		82
15) Benzyl Alcohol	8.53	79	9744	2.379	ng	#	33
24) Nitrobenzene	9.39	77	3046	0.576	ng	#	40
45) 1,1'-Biphenyl	13.67	154	1124	0.096	ng		93
49) Dimethylphthalate	14.28	163	124995	10.990	ng		99
51) Acenaphthene	14.83	154	271	0.033	ng	#	5
59) Diethylphthalate	15.63	149	785	0.064	ng	#	58
73) Di-n-butylphthalate	18.49	149	762	0.040	ng	#	78
79) Butylbenzylphthalate	20.80	149	1207	0.184	ng	#	28
80) Benzo(a)anthracene	21.69	228	951	0.072	ng	#	51
82) Chrysene	21.69	228	951	0.075	ng	#	50
83) Bis(2-ethylhexyl)phthalate	21.56	149	2799	0.294	ng	#	82
84) Di-n-octyl phthalate	22.47	149	474	0.030	ng	#	31
87) Benzo(b)fluoranthene	23.33	252	706	0.056	ng	#	1
88) Benzo(k)fluoranthene	23.39	252	459	0.036	ng	#	1
89) Benzo(a)pyrene	23.94	252	237	0.020	ng	#	1

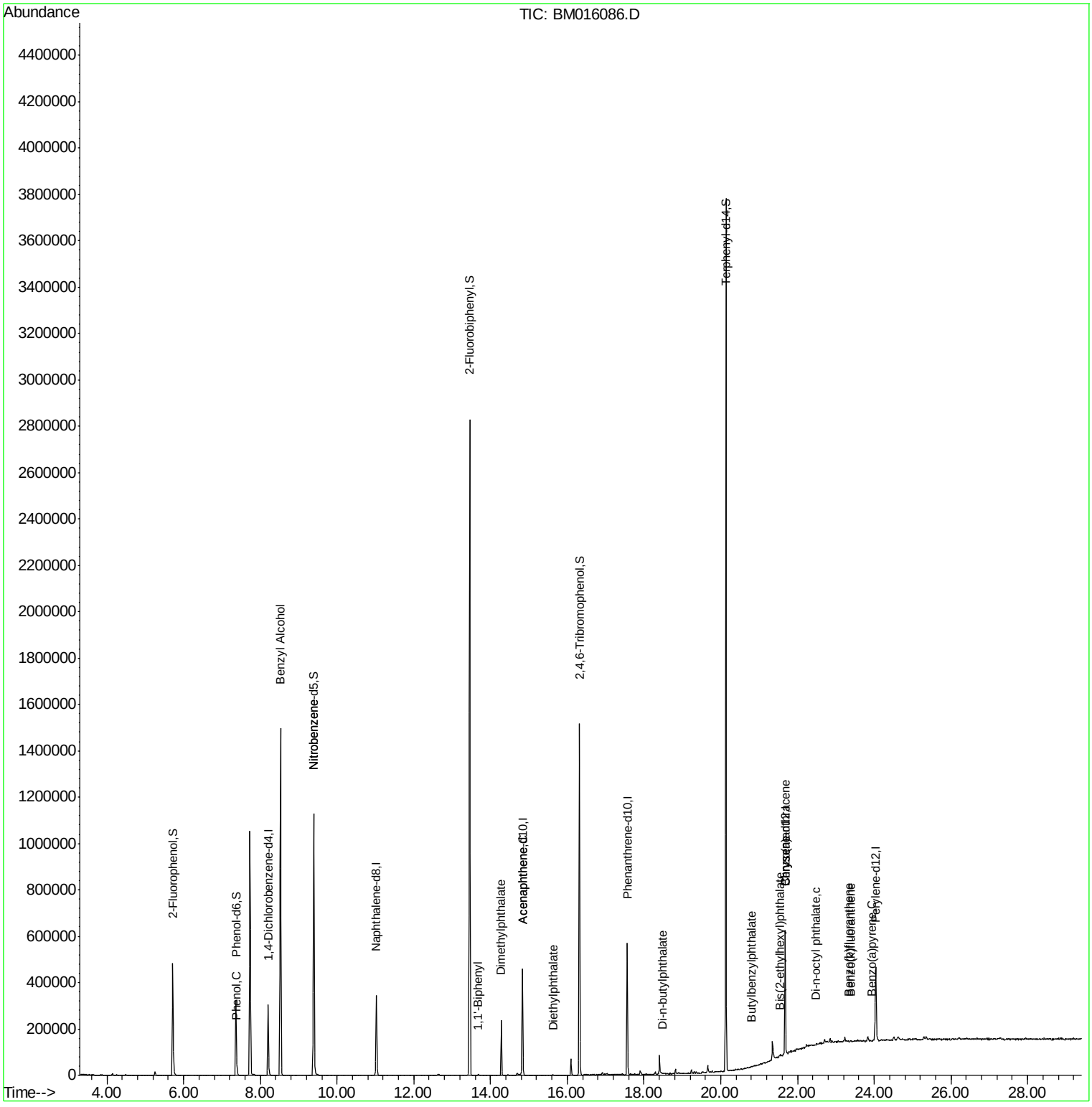
(#) = qualifier out of range (m) = manual integration (+) = signals summed

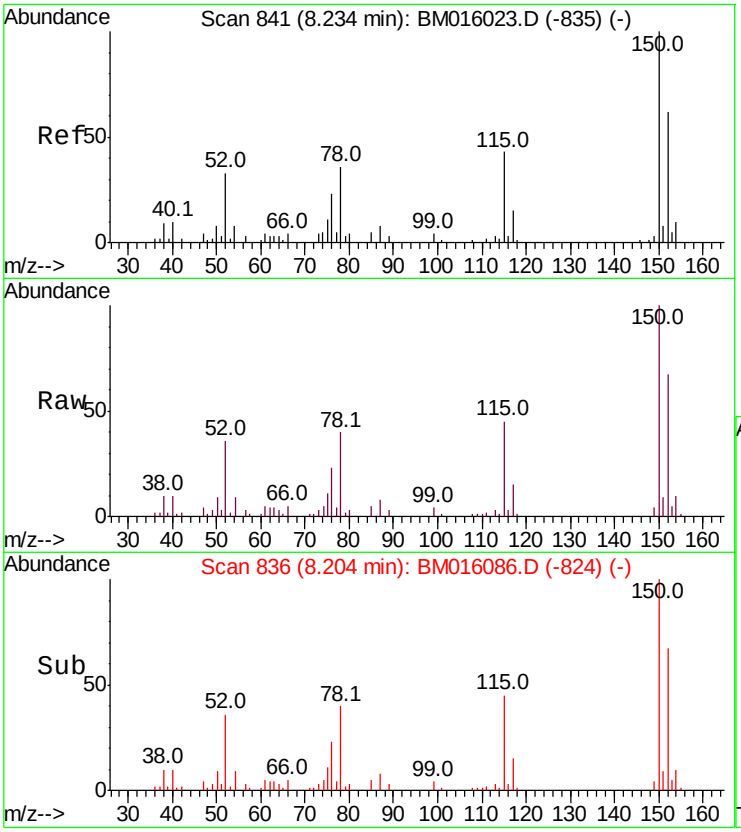
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\
Data File : BM016086.D
Acq On : 26 Jul 2018 23:37
Operator : SJ/JU
Sample : J4160-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 27 04:59:54 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



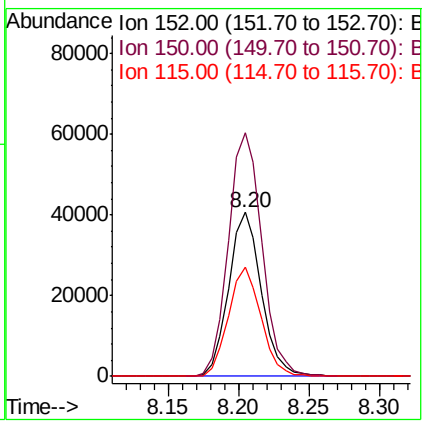


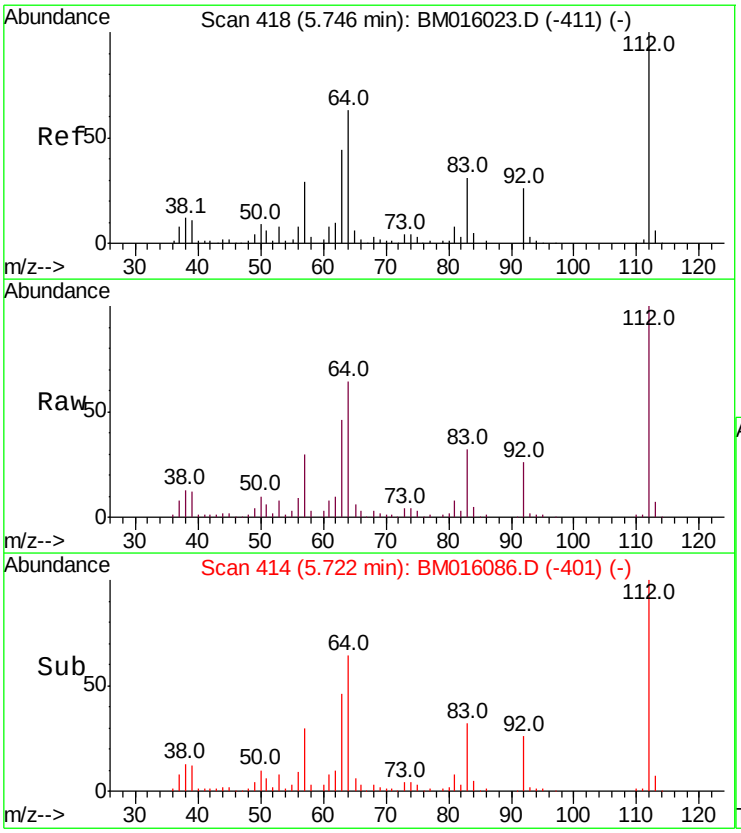
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.20 min Scan# 836
Delta R.T. -0.03 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 65430

Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	66.7	43.0	64.4#

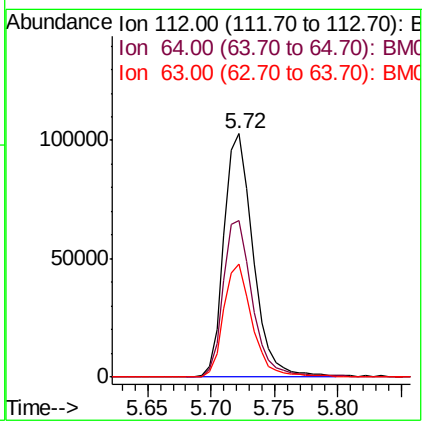


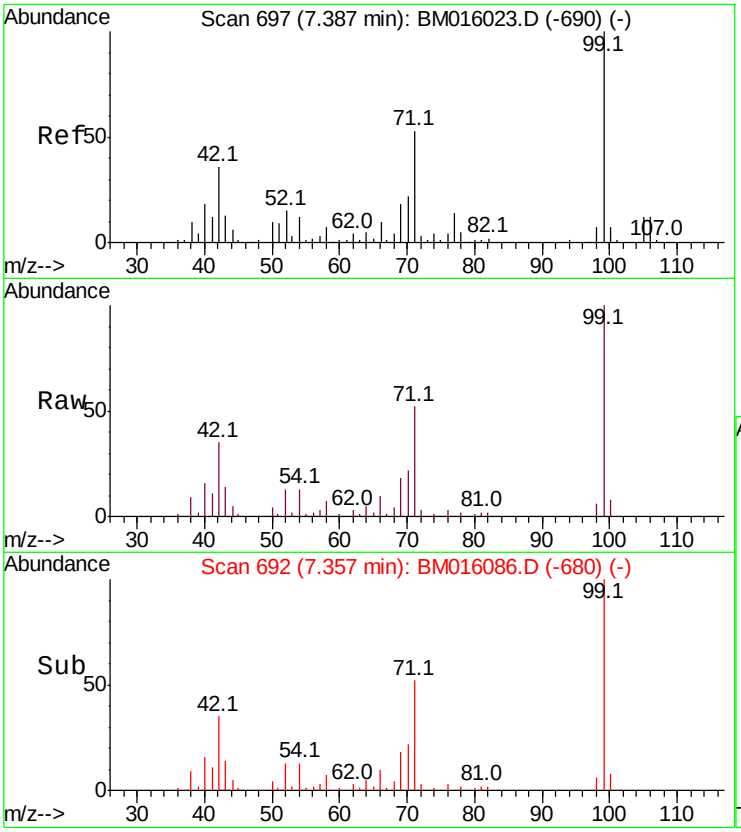


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.72 min Scan# 414
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:112 Resp: 164471

Ion	Ratio	Lower	Upper
112	100		
64	64.3	38.6	57.8#
63	46.2	19.3	28.9#



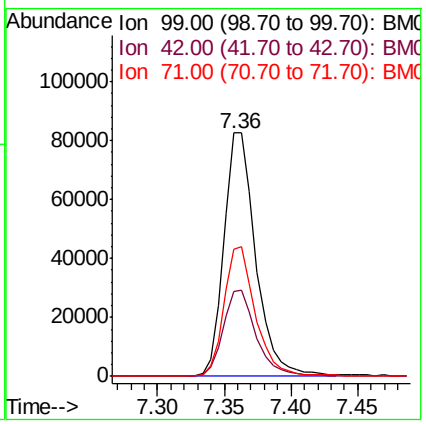


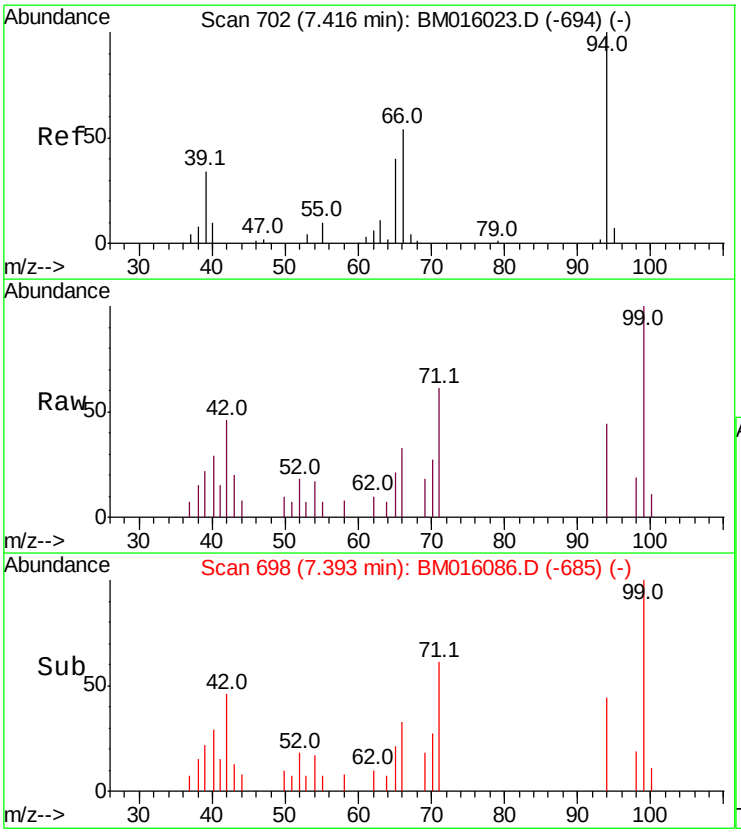
#7
Phenol-d6
Concen: N.D. ng
RT: 7.36 min Scan# 692
Delta R.T. -0.03 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 138411

Ion	Ratio	Lower	Upper
99	100		
42	34.8	11.0	16.4#
71	52.0	23.4	35.2#

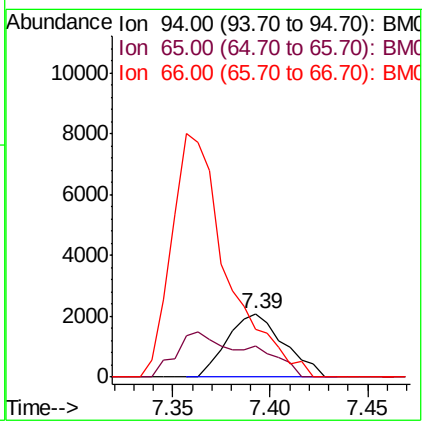


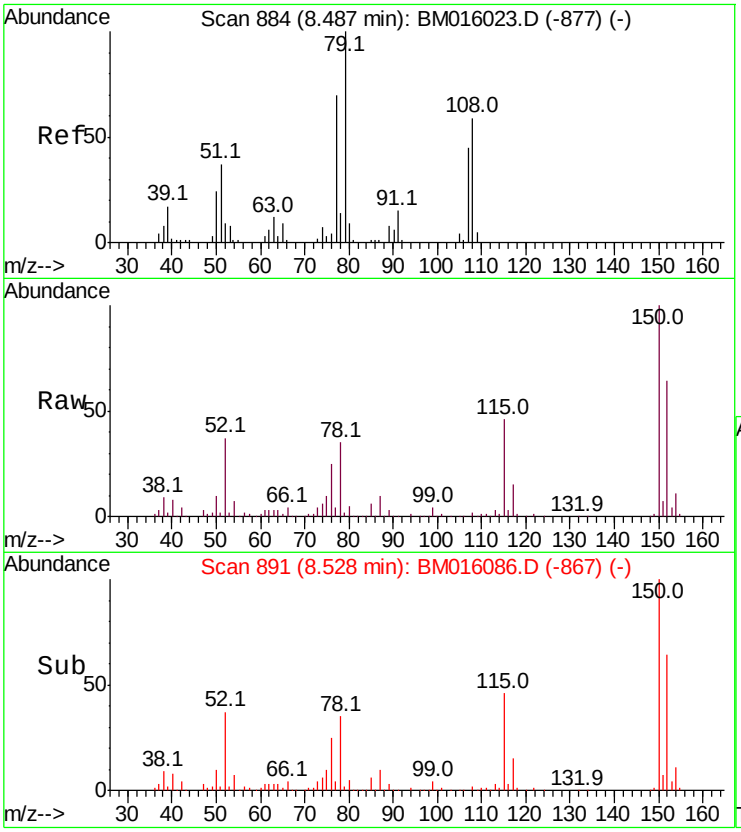


#10
Phenol
Concen: 0.814 ng
RT: 7.39 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion: 94 Resp: 4186

Ion	Ratio	Lower	Upper
94	100		
65	47.9	18.8	58.8
66	74.6	39.9	79.9



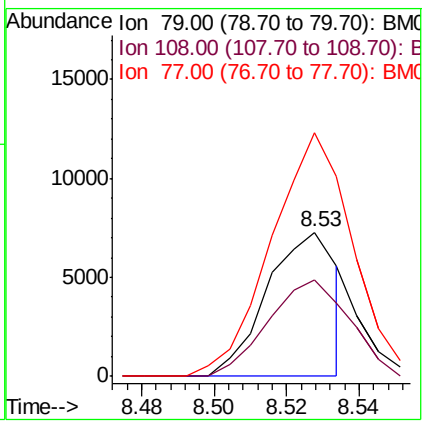


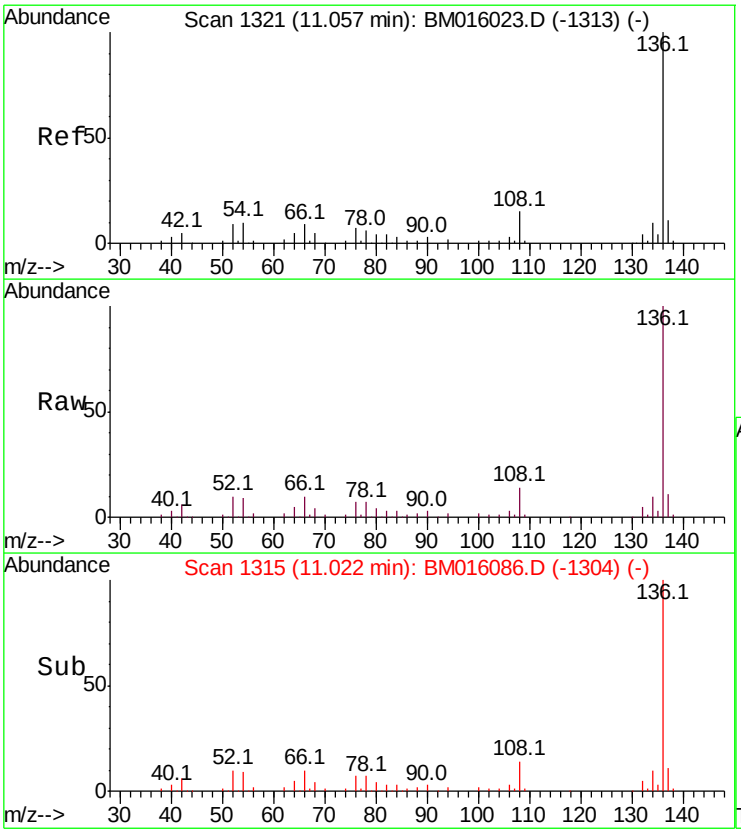
#15
Benzyl Alcohol
Concen: 2.379 ng
RT: 8.53 min Scan# 891
Delta R.T. 0.04 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 9744

Ion	Ratio	Lower	Upper
79	100		
108	66.7	65.0	97.4
77	169.0	53.0	79.6#

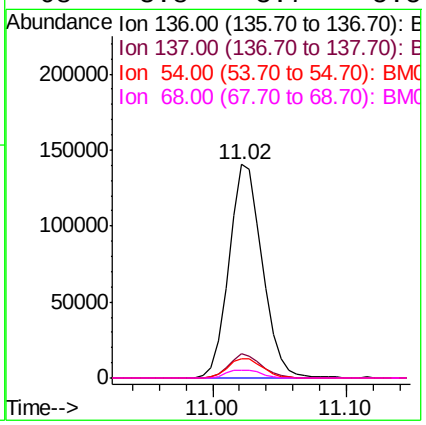


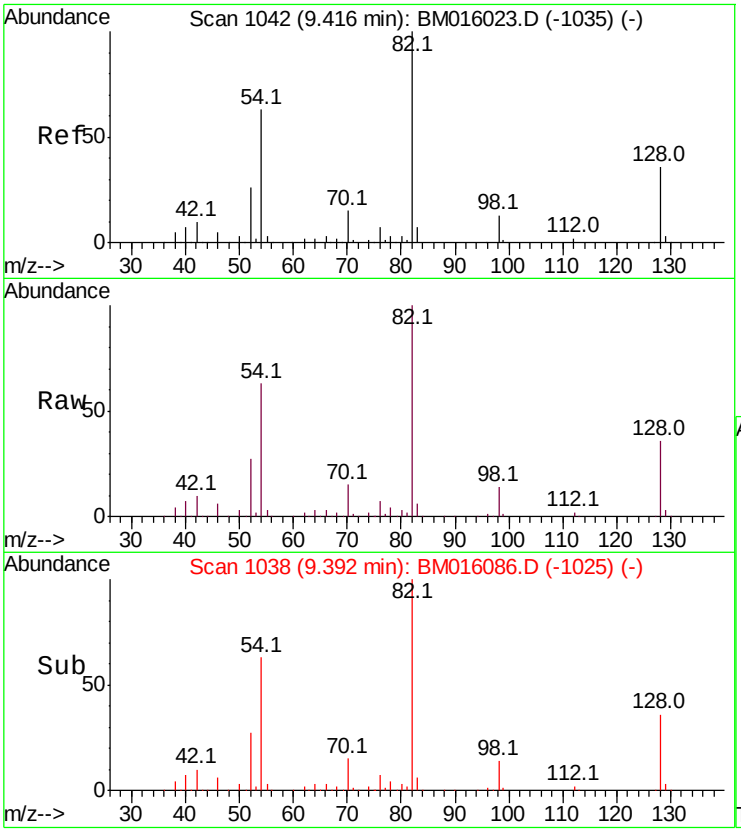


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:136 Resp: 244432

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.8	4.6	6.8#
68	3.8	3.7	5.5



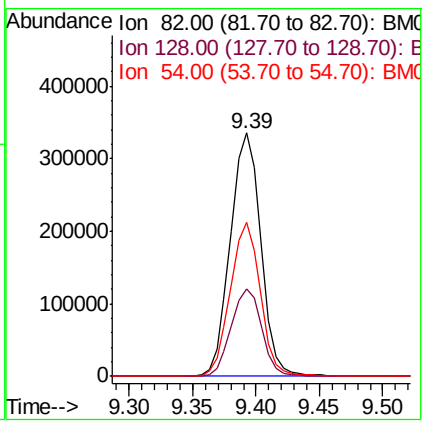


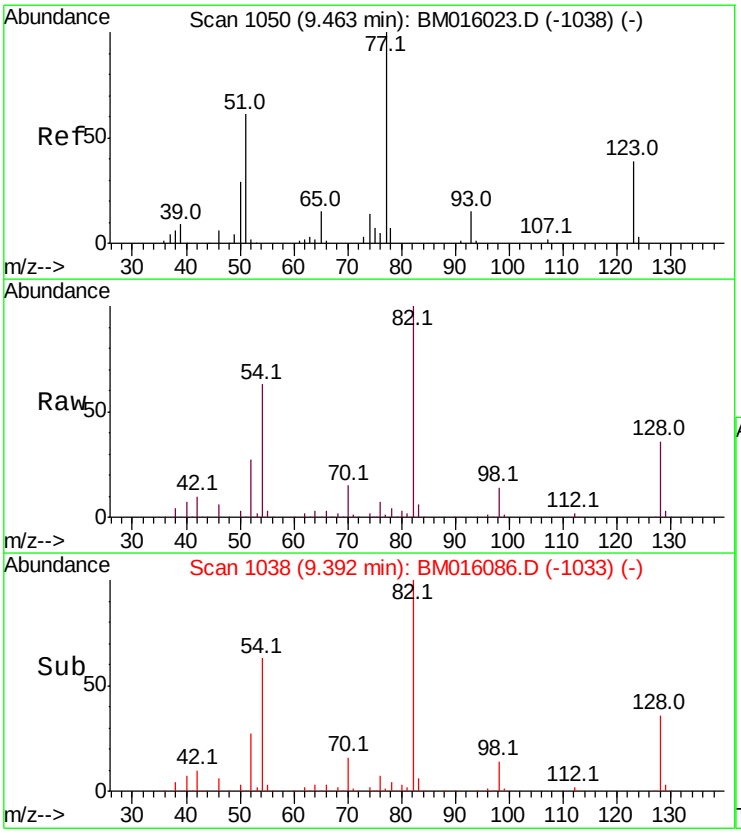
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 560050

Ion	Ratio	Lower	Upper
82	100		
128	35.9	32.8	49.2
54	63.2	40.6	60.8#

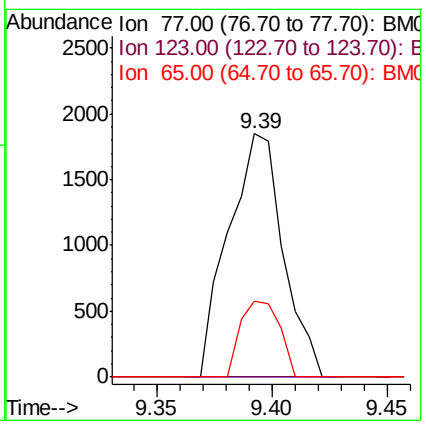


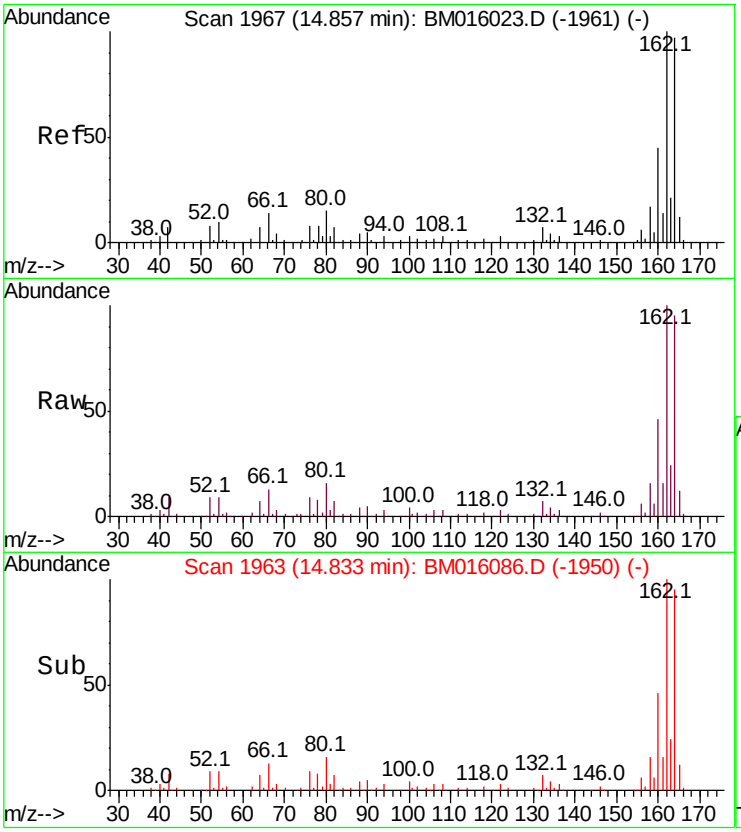


#24
Nitrobenzene
Concen: 0.576 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.07 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion: 77 Resp: 3046

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	31.4	10.9	16.3#



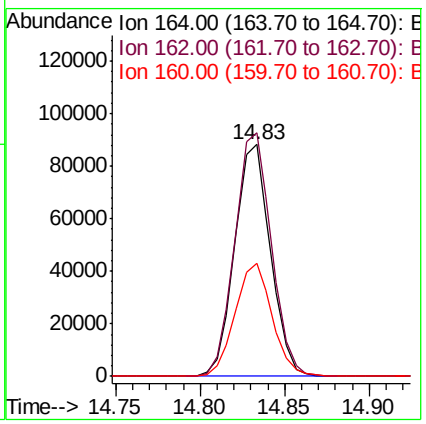


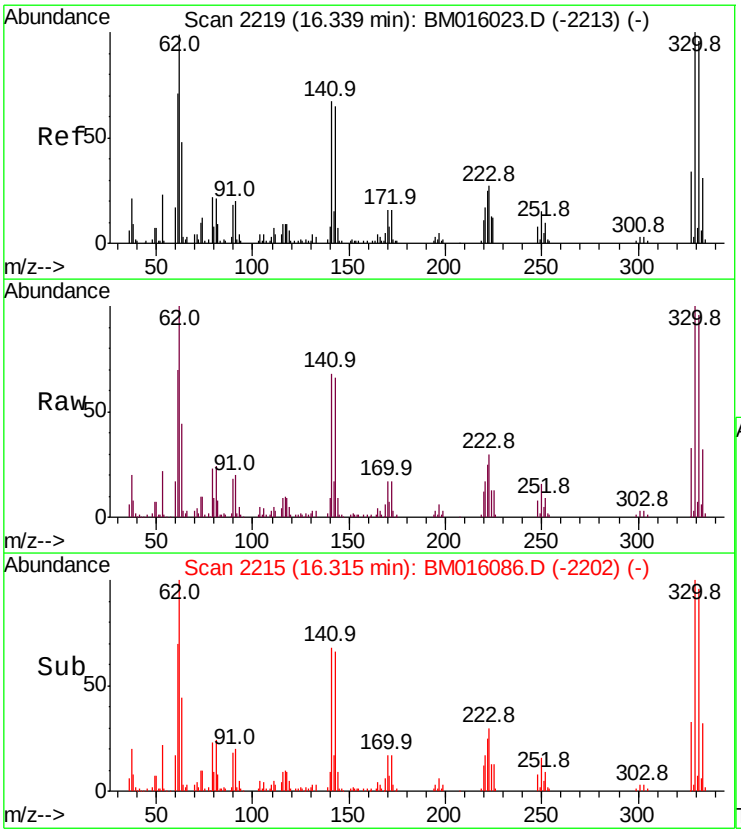
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 129958

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	48.6	35.8	53.6

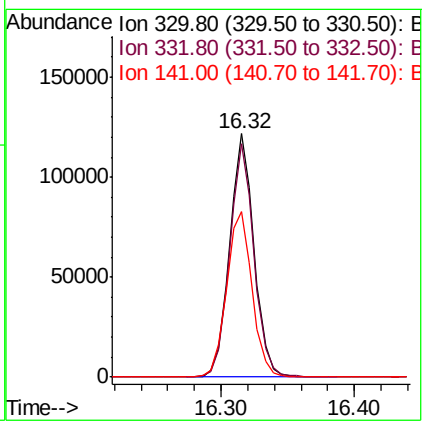


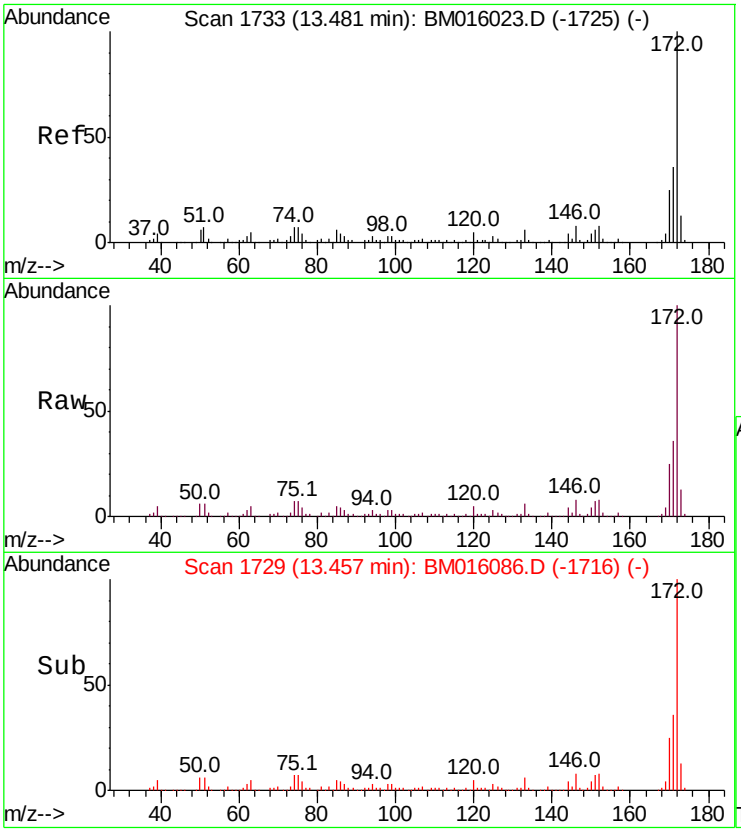


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.32 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:330 Resp: 155192

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	71.3	0.0	0.0#



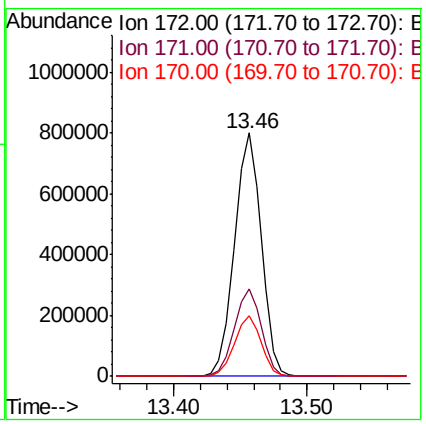


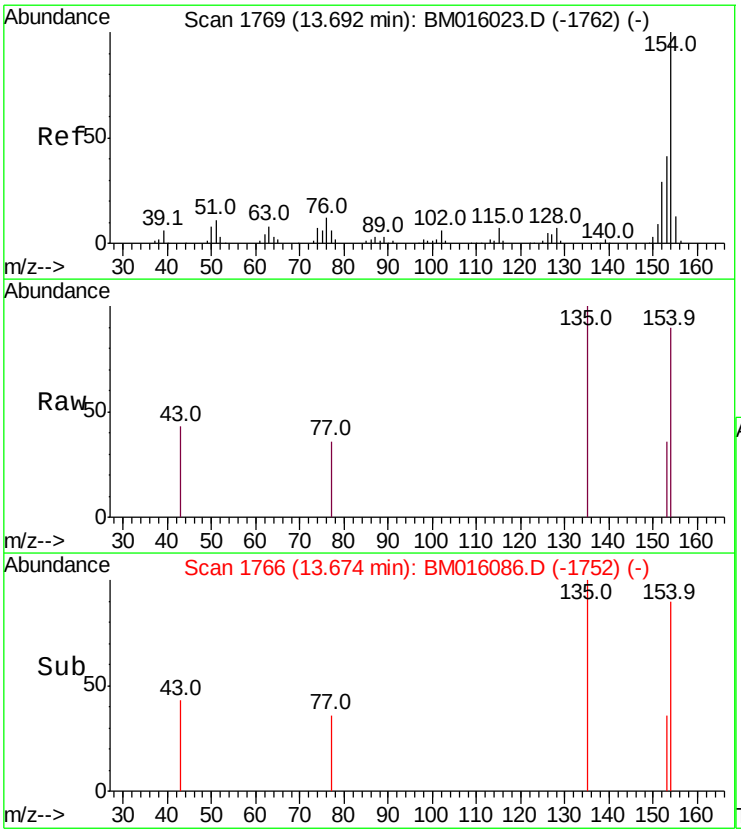
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.46 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1117399

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.7	18.8	28.2

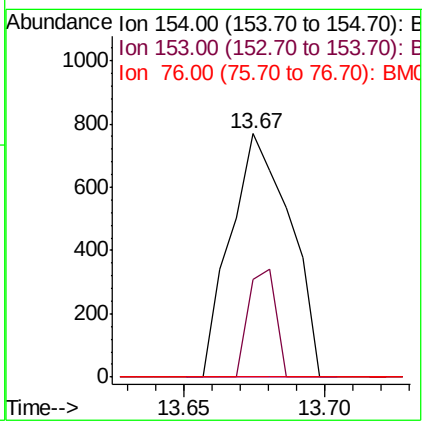


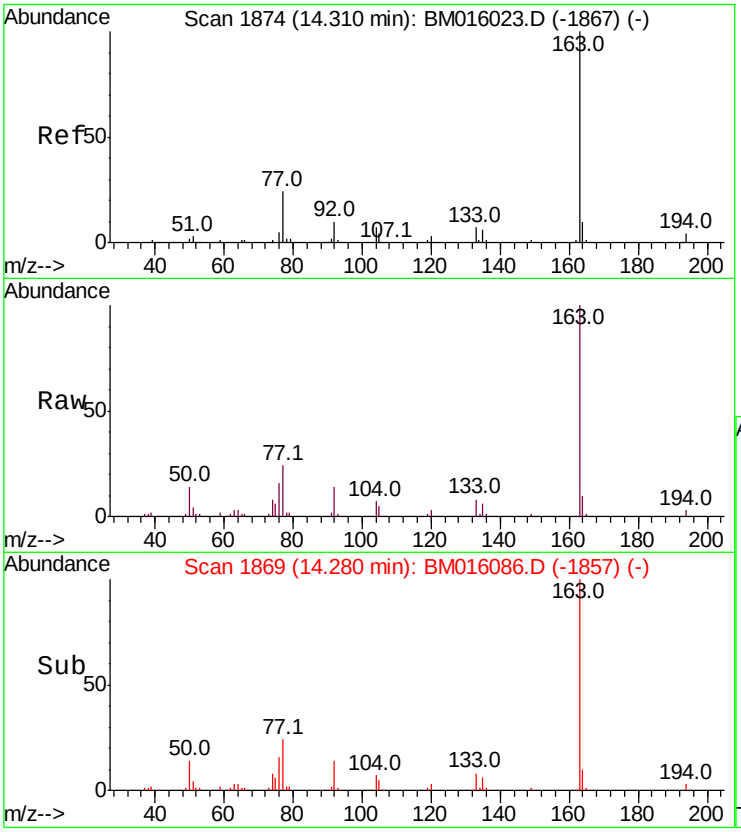


#45
1,1'-Biphenyl
Concen: 0.096 ng
RT: 13.67 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:154 Resp: 1124

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.7	60.7
76	0.0	0.0	30.9



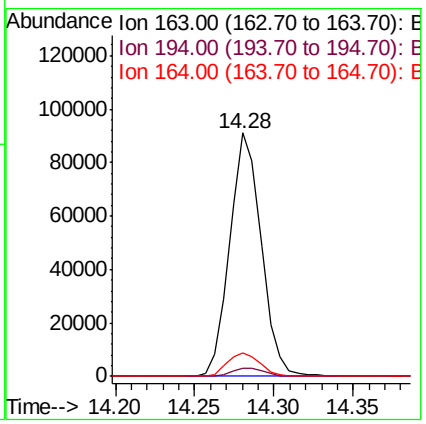


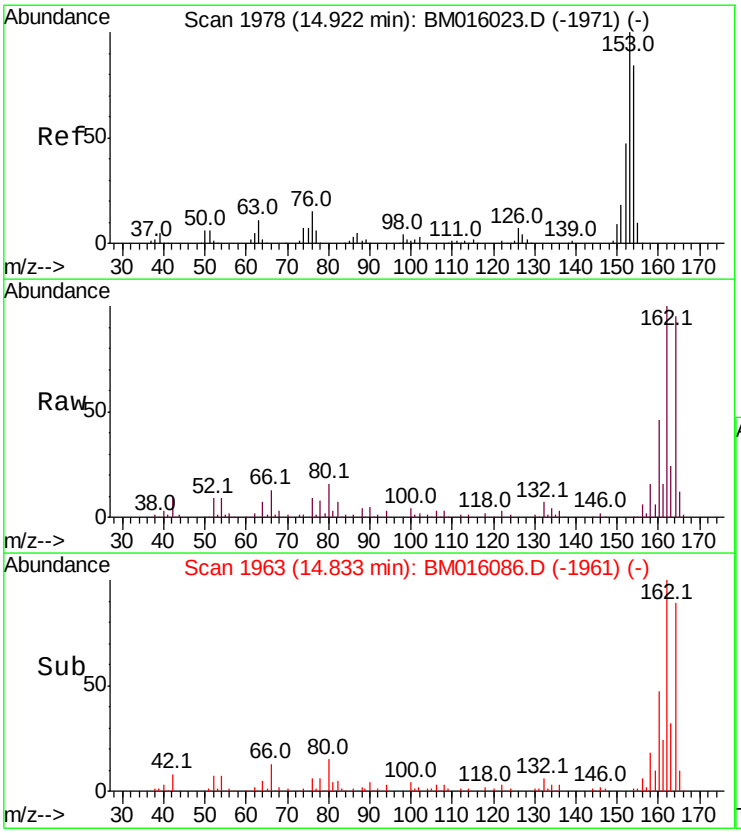
#49
Dimethylphthalate
Concen: 10.990 ng
RT: 14.28 min Scan# 1869
Delta R.T. -0.03 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 124995

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

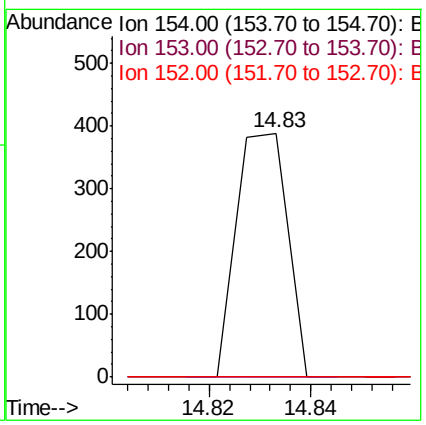


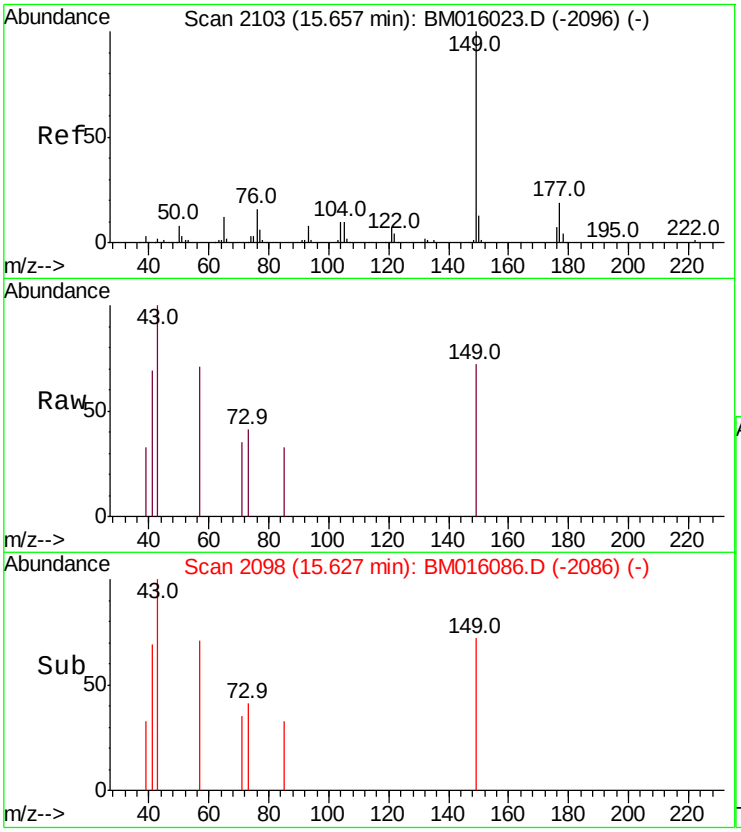


#51
Acenaphthene
Concen: 0.033 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.09 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:154 Resp: 271

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



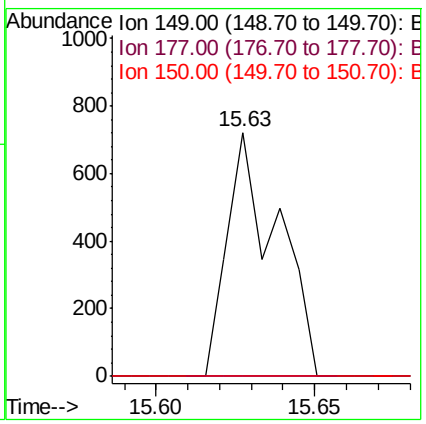


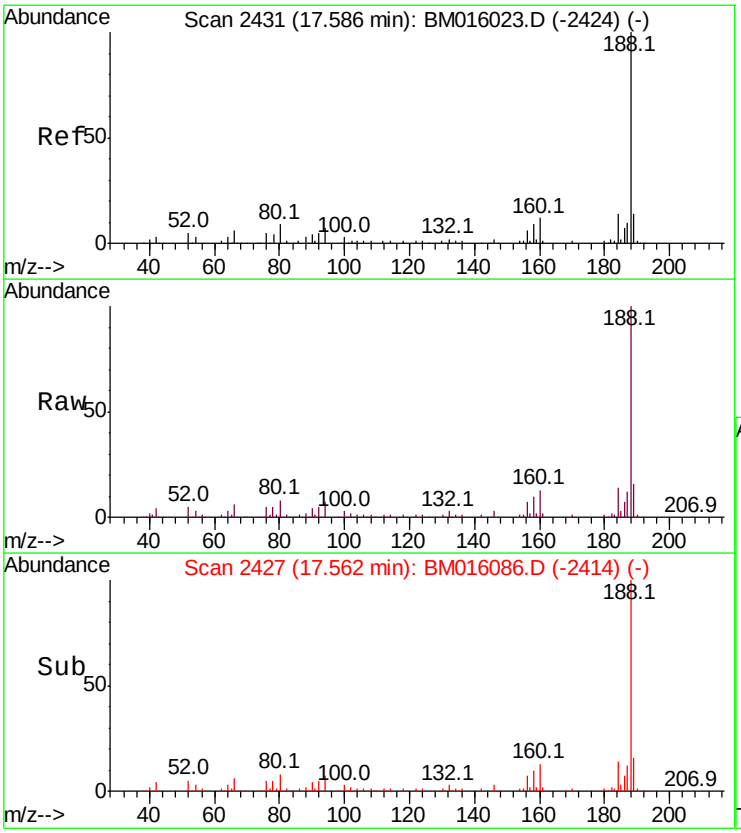
#59
Diethylphthalate
Concen: 0.064 ng
RT: 15.63 min Scan# 2098
Delta R.T. -0.03 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 785

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	9.8	14.8#

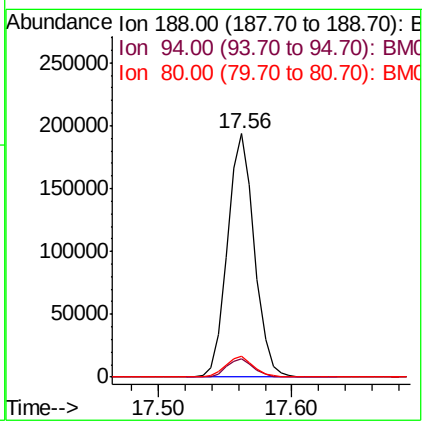


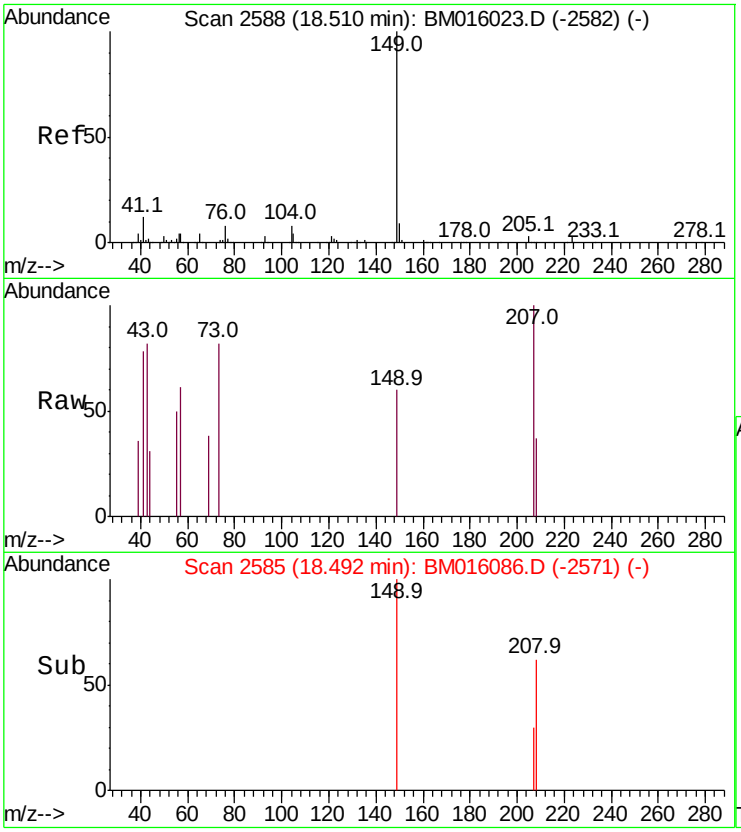


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:188 Resp: 273057

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.4	9.3	13.9#



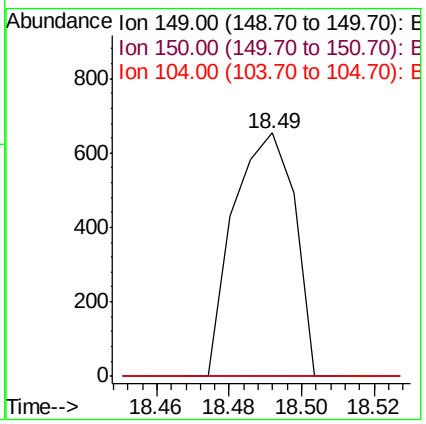


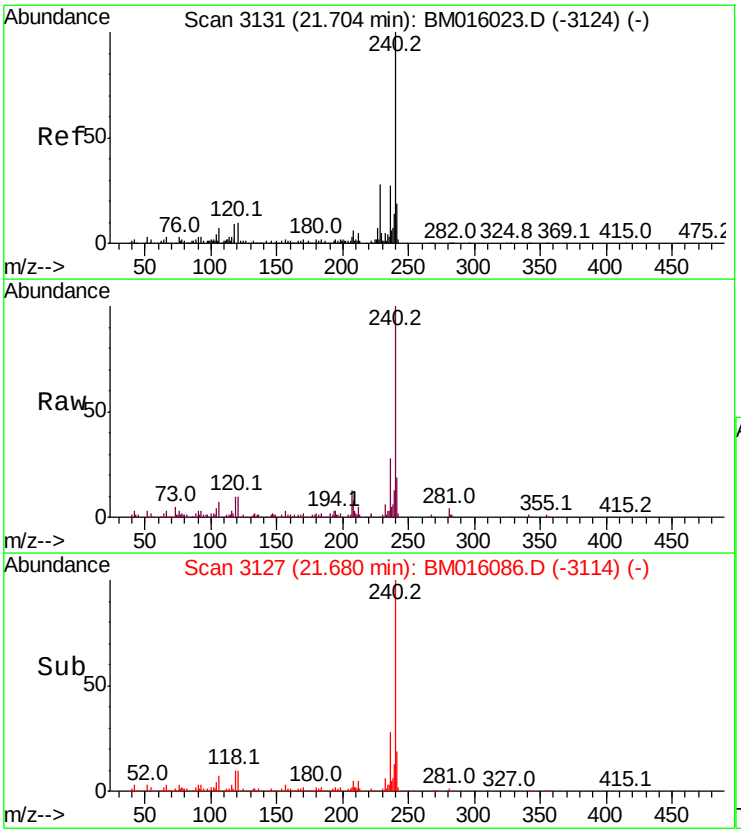
#73
Di-n-butylphthalate
Concen: 0.040 ng
RT: 18.49 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 762

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

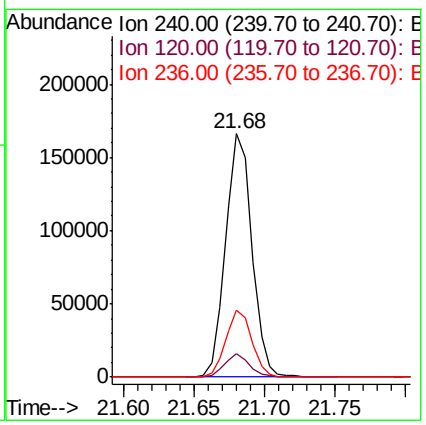


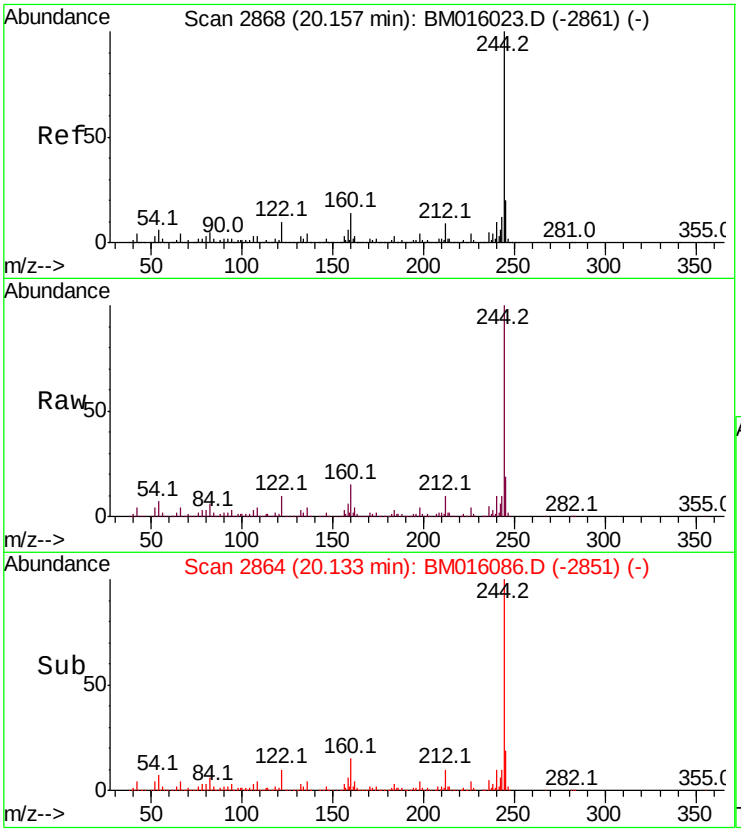


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:240 Resp: 215625

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	27.6	20.0	30.0



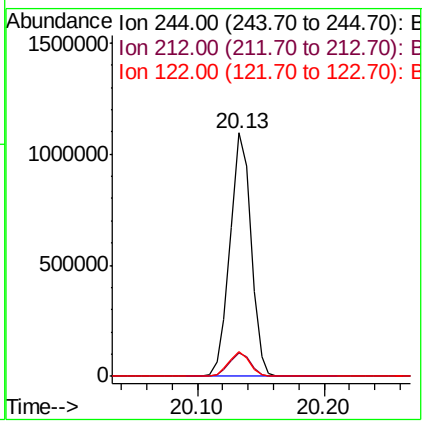


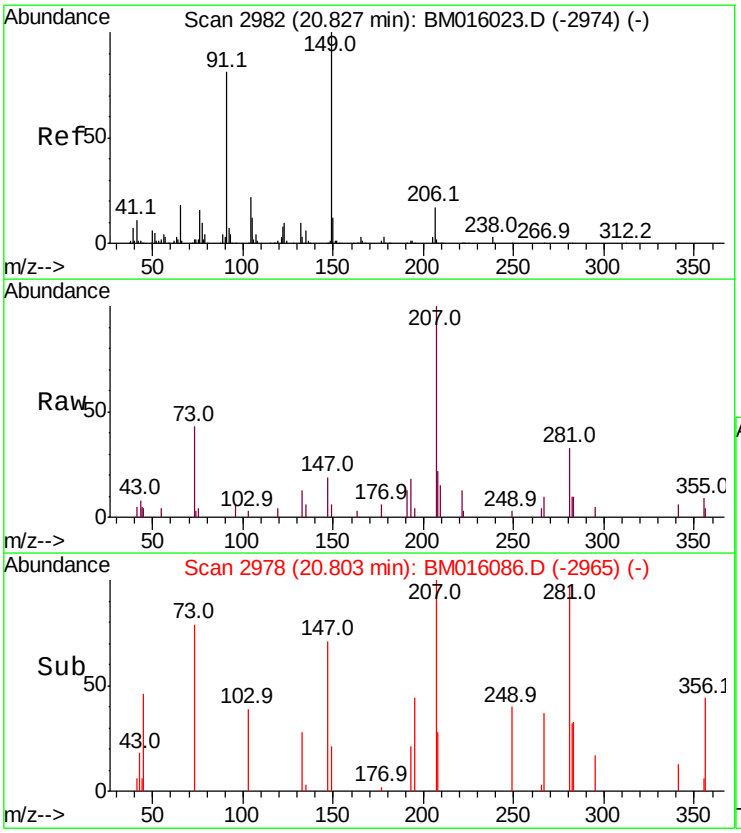
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.13 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 1244947

Ion	Ratio	Lower	Upper
244	100		
212	9.7	4.9	7.3#
122	10.3	6.2	9.4#

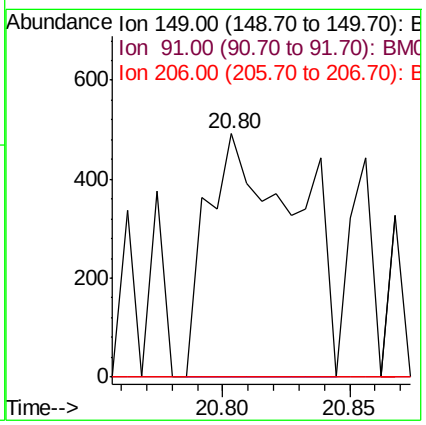


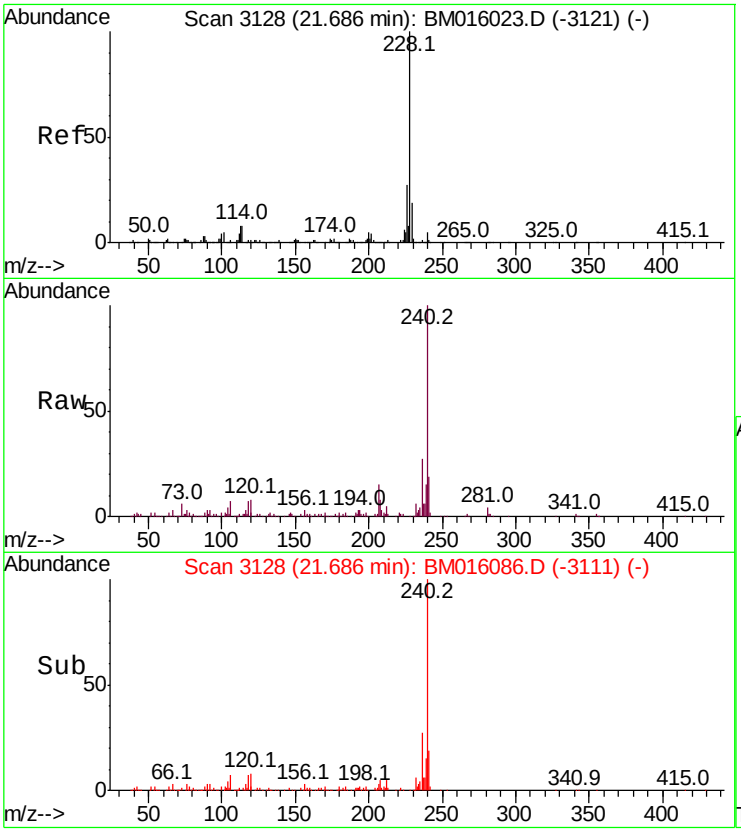


#79
Butylbenzylphthalate
Concen: 0.184 ng
RT: 20.80 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:149 Resp: 1207

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



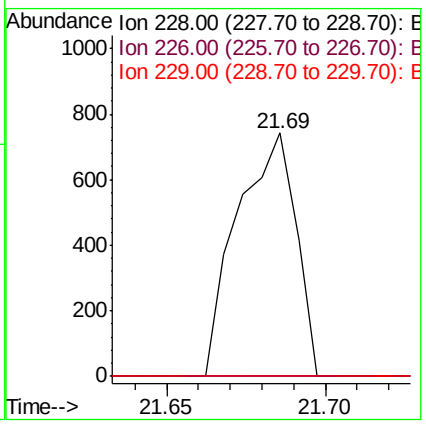


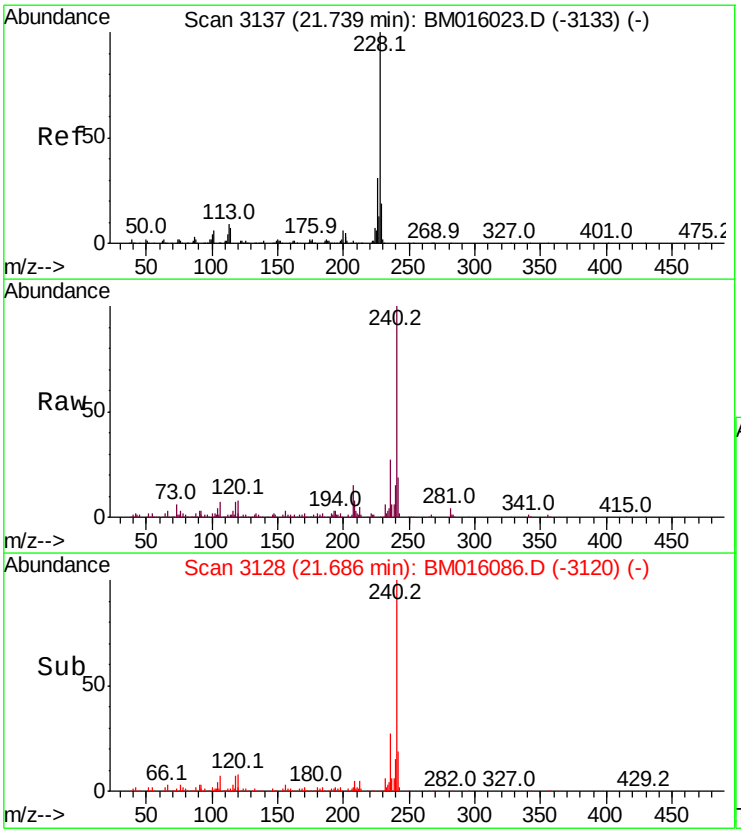
#80
Benzo(a)anthracene
Concen: 0.072 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 951

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

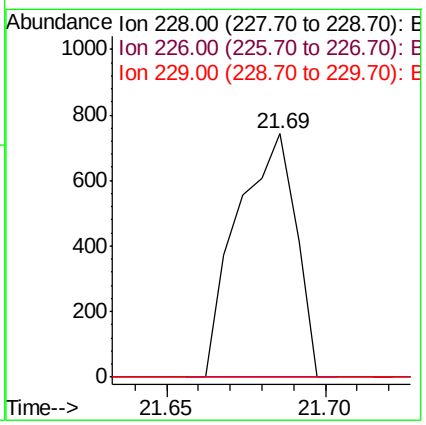


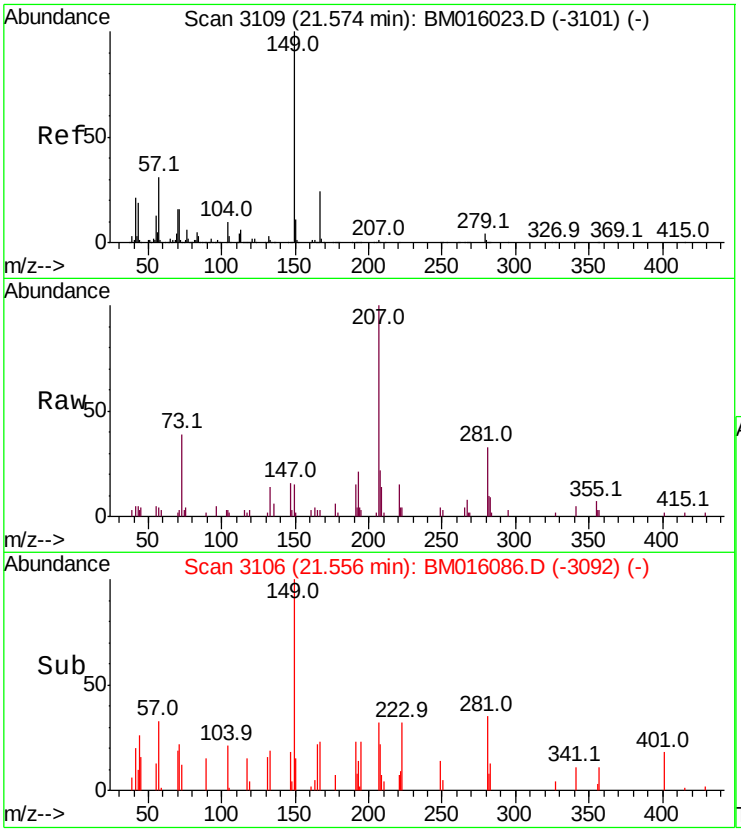


#82
Chrysene
Concen: 0.075 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.05 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:228 Resp: 951

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



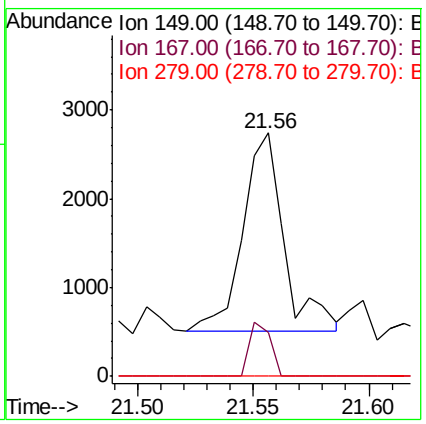


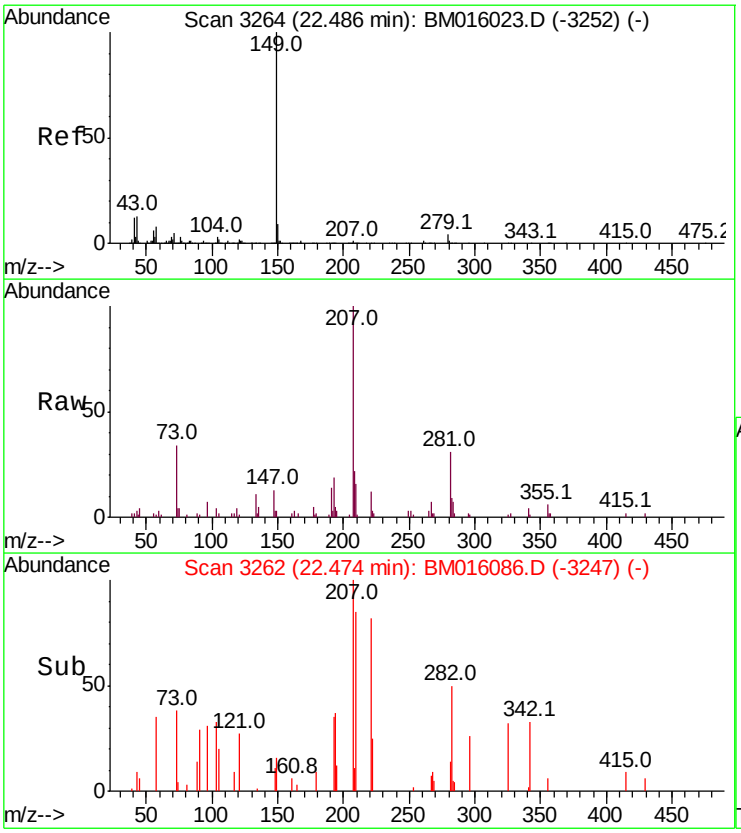
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.294 ng
RT: 21.56 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2799

Ion	Ratio	Lower	Upper
149	100		
167	18.2	22.4	33.6#
279	0.0	3.4	5.0#

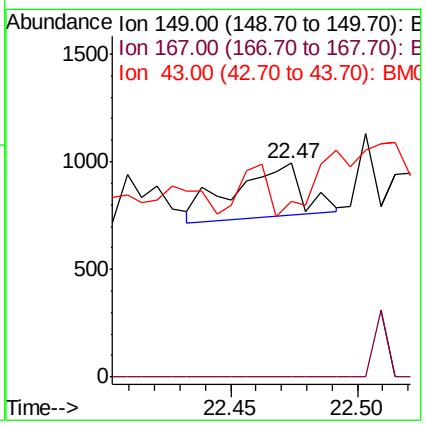


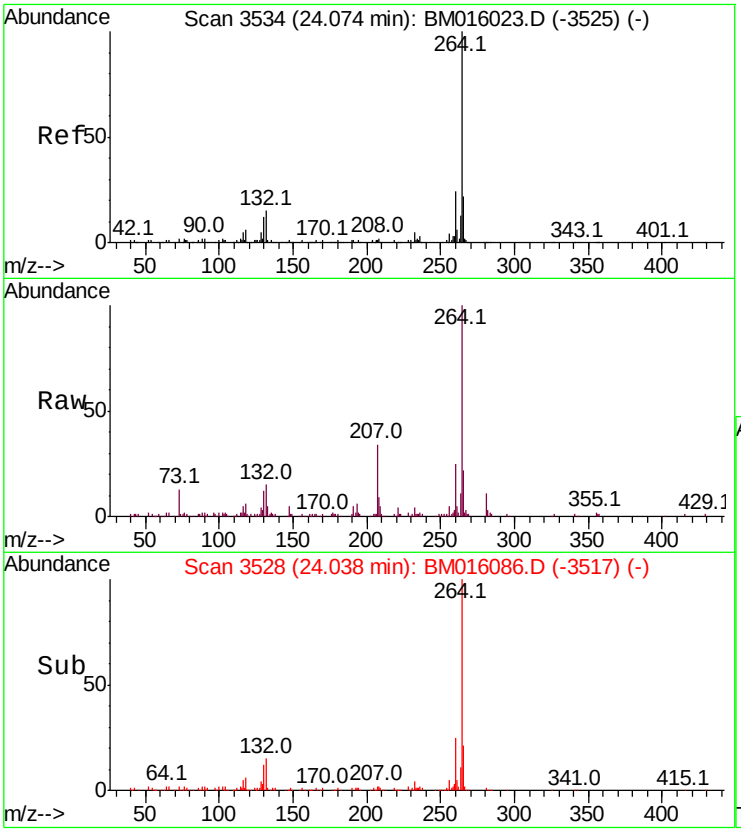


#84
Di-n-octyl phthalate
Concen: 0.030 ng
RT: 22.47 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:149 Resp: 474

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	38.2	7.3	10.9#



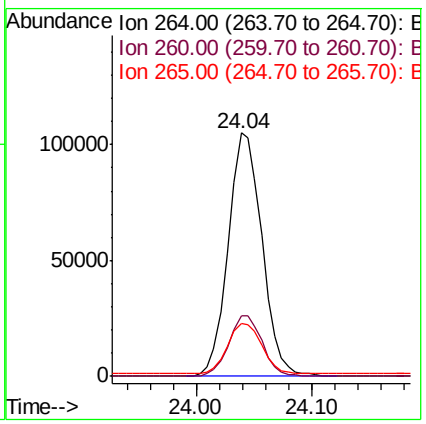


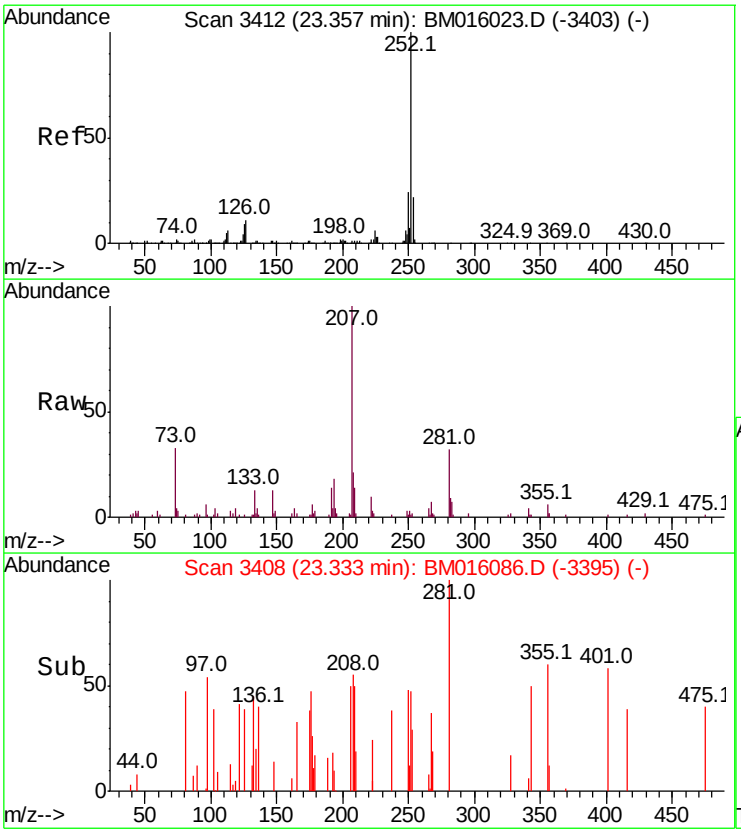
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.04 min Scan# 3528
Delta R.T. -0.04 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 213384

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.6	27.8
265	21.9	17.3	25.9

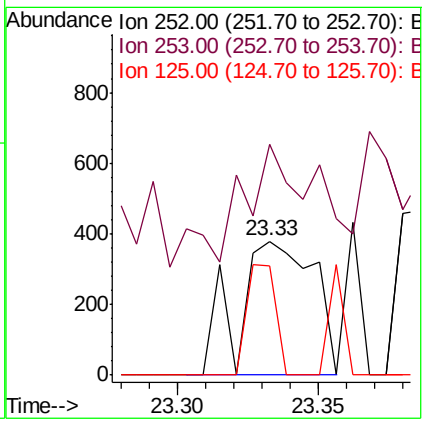


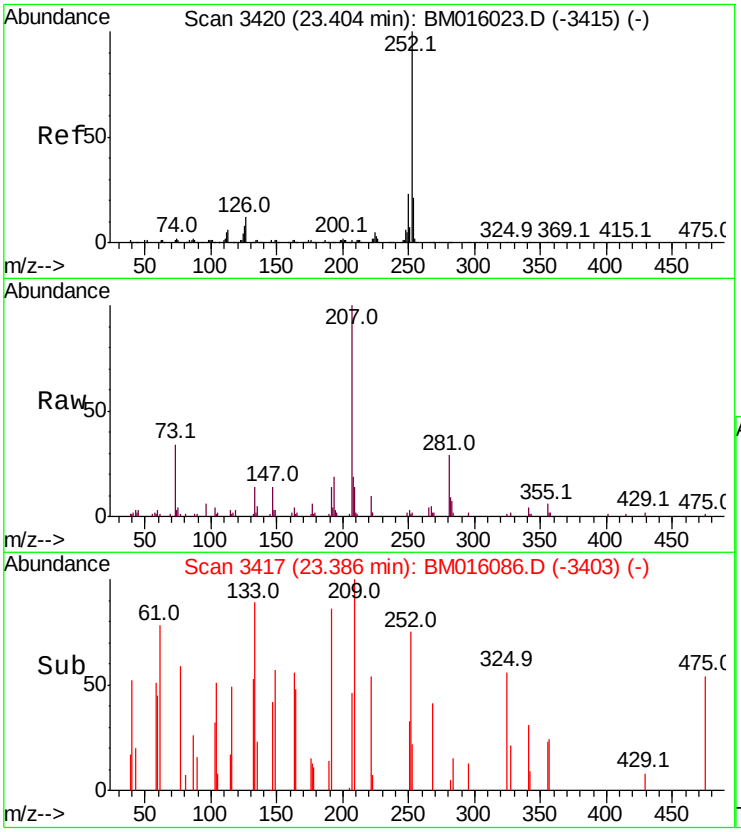


#87
Benzo(b)fluoranthene
Concen: 0.056 ng
RT: 23.33 min Scan# 3408
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:252 Resp: 706

Ion	Ratio	Lower	Upper
252	100		
253	173.3	18.0	27.0#
125	81.7	9.9	14.9#



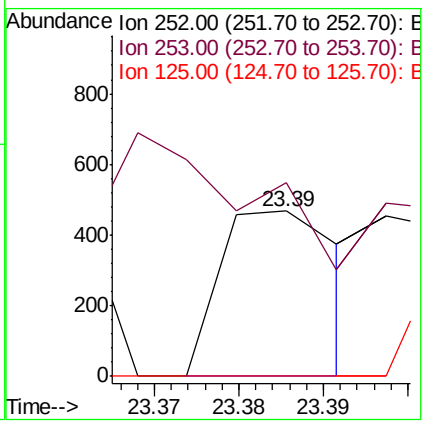


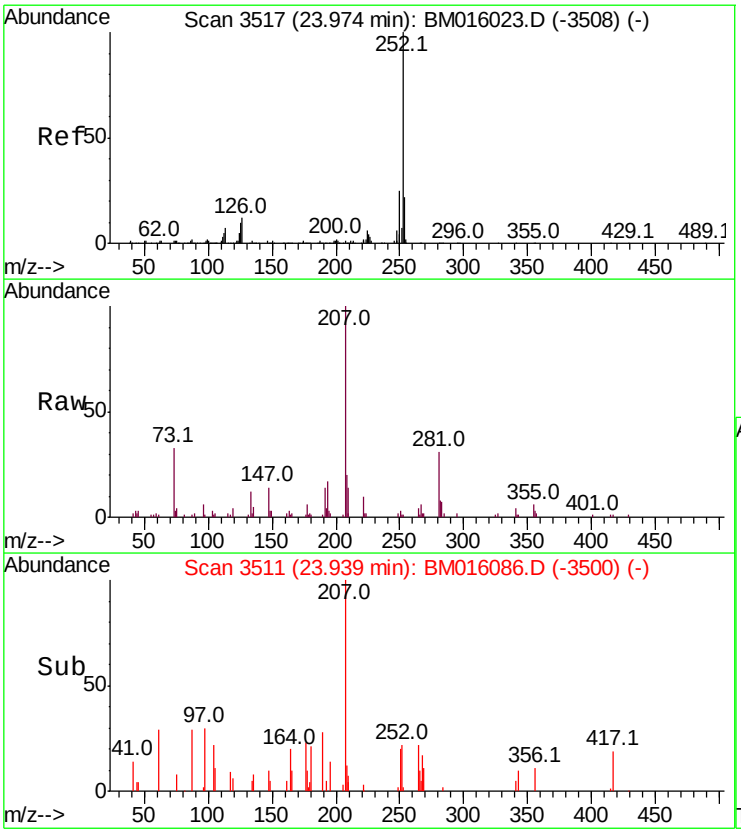
#88
Benzo(k)fluoranthene
Concen: 0.036 ng
RT: 23.39 min Scan# 3417
Delta R.T. -0.02 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 459

Ion	Ratio	Lower	Upper
252	100		
253	117.5	17.2	25.8#
125	0.0	8.1	12.1#





#89
Benzo(a)pyrene
Concen: 0.020 ng
RT: 23.94 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BM016086.D
Acq: 26 Jul 2018 23:37

Tgt Ion:252 Resp: 237

Ion	Ratio	Lower	Upper
252	100		
253	154.7	17.6	26.4#
125	0.0	7.4	11.2#