Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Time: Mar 06 05:54:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	239828	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	879755	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	438526	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	901030	20.00	ng		0.00
76) Chrysene-d12	21.27	240	871232	20.00	ng		-0.01
87) Perylene-d12	23.52	264	949053	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1375008	93.94	ng		0.00
7) Phenol-d6	6.85	99	1828555	88.68	ng		0.00
23) Nitrobenzene-d5	8.85	82	1157624	60.84	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	551843	87.30	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	1947944	58.97	ng		-0.01
79) Terphenyl-d14	19.72	244	2343735	55.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	120	0.019	ng	#	1
3) Pyridine	3.61	79	123	0.007	ng	#	1
4) n-Nitrosodimethylamine	3.58	42	515	0.116	ng	#	1
9) Benzaldehyde	6.86	77	4412	Below Cal		#	7
10) Phenol	6.88	94	27570	1.271	ng		90
15) Benzyl Alcohol	7.99	79	19795	1.208	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	8.22	45	347	0.022	ng	#	14
20) 3+4-Methylphenols	8.47	107	407	0.021	ng	#	70
22) Acetophenone	8.53	105	389	0.016	ng	#	1
24) Nitrobenzene	8.85	77	3992	0.202	ng	#	38
25) Isophorone	9.37	82	1025	0.034	ng	#	68
31) Naphthalene	10.51	128	1947	0.045	ng	#	68
46) 1,1'-Biphenyl	13.16	154	2885	0.076	ng		80
49) Acenaphthylene	14.05	152	2001	0.046	ng	#	61
50) Dimethylphthalate	13.80	163	114629	3.137	ng		100
52) Acenaphthene	14.40	154	426	0.016	ng	#	53
55) Dibenzofuran	14.74	168	491	0.011	ng	#	44
58) Fluorene	15.39	166	512	0.015	ng	#	57
60) Diethylphthalate	15.17	149	1857	0.049	ng	#	59
63) Azobenzene	15.67	77	107	0.003	ng	#	57
71) Phenanthrene	17.13	178	28008	0.578	ng		97
72) Anthracene	17.22	178	5737	0.122	ng		99
73) Carbazole	17.51	167	3220	0.065	ng	#	79
74) Di-n-butylphthalate	18.05	149	17396	0.307	ng		97
75) Fluoranthene	19.15	202	87151	1.558	ng		98
78) Pyrene	19.52	202	84272	1.665	ng		99
80) Butylbenzylphthalate	20.42	149	3091	0.134	ng	#	89
81) Benzo(a)anthracene	21.26	228	56793	1.118	ng		97
82) 3,3'-Dichlorobenzidine	21.20	252	227	0.011	ng	#	26
83) Chrysene	21.32	228	63906	1.313	ng		98
84) Bis(2-ethylhexyl)phthalate	21.19	149	75628	2.241	ng		98
85) Di-n-octyl phthalate	22.06	149	1089	0.019	ng	#	8
86) Indeno(1,2,3-cd)pyrene	25.80	276	53537	0.953	ng		96
88) Benzo(b)fluoranthene	22.85	252	96102	1.770	ng	#	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019040.D
Acq On : 05 Mar 2019 17:13
Operator : JU/SJ
Sample : K1705-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW002-022719

Quant Time: Mar 06 05:54:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
89) Benzo(k)fluoranthene	22.85	252	95238	1.762	ng	#	97
90) Benzo(a)pyrene	23.42	252	64190	1.248	ng	#	93
91) Dibenzo(a,h)anthracene	25.81	278	13221	0.259	ng	#	84
92) Benzo(g,h,i)perylene	26.50	276	52787	1.113	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
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Acq On : 05 Mar 2019 17:13
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Misc :
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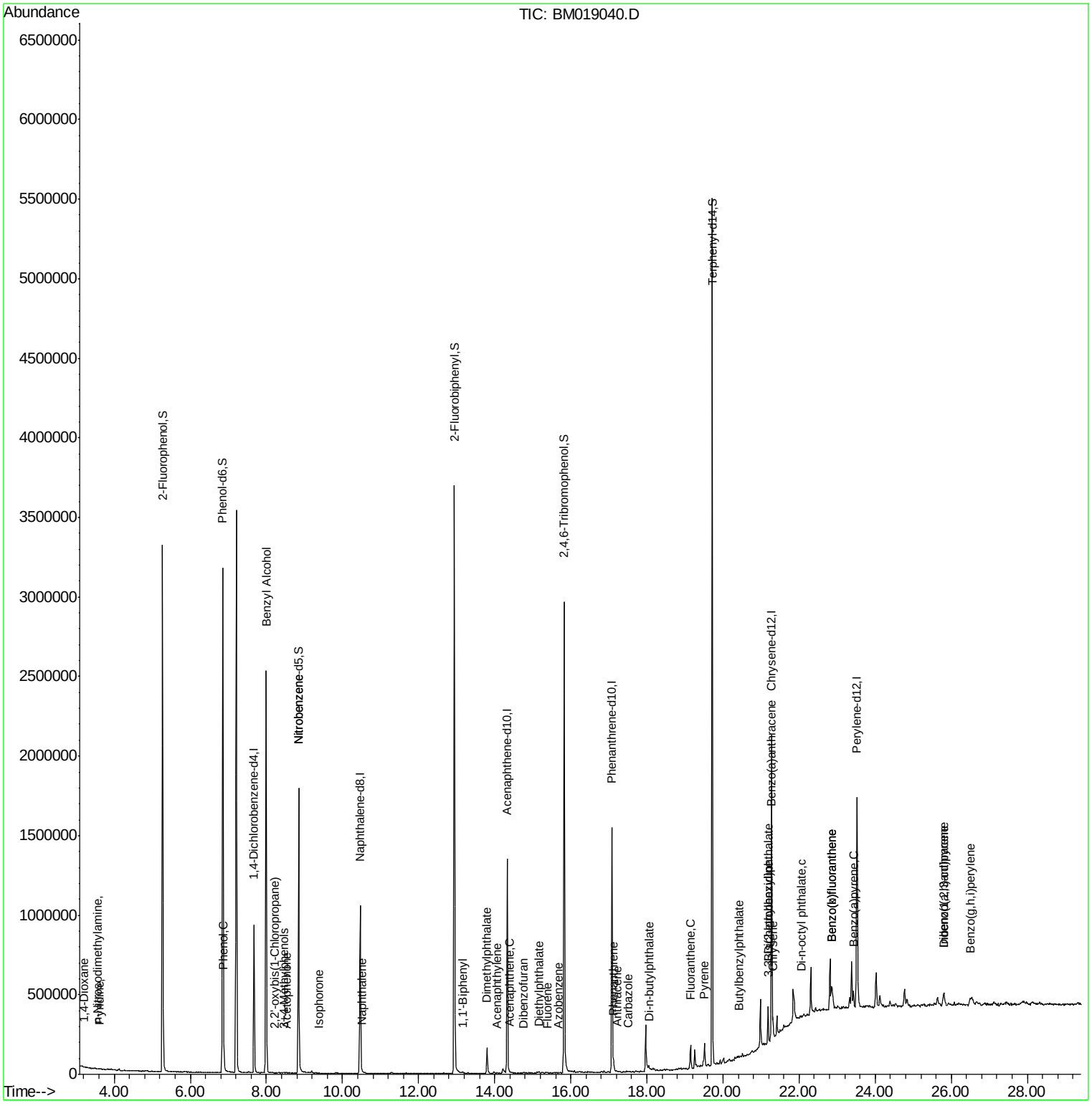
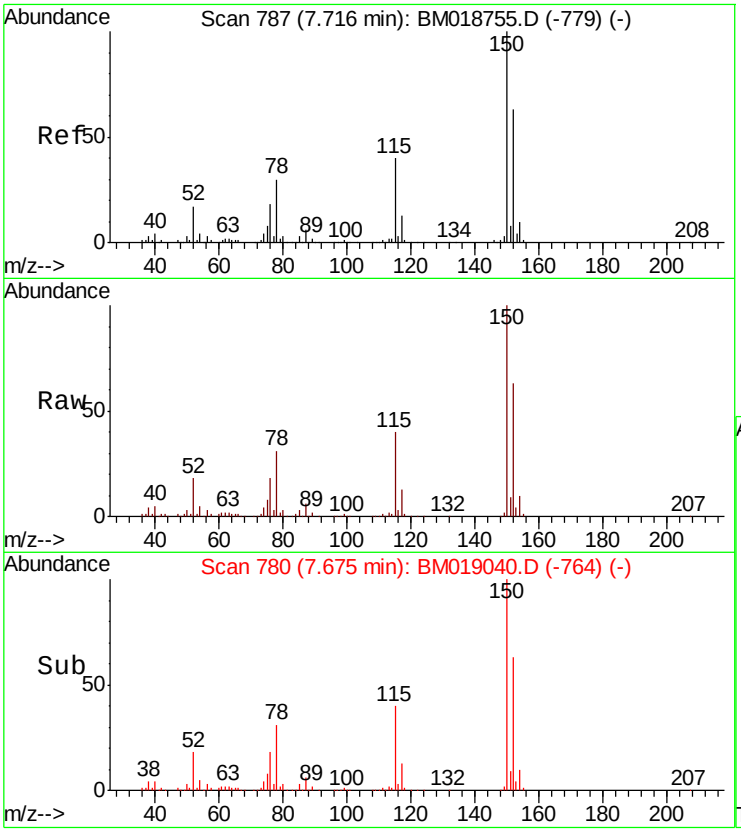
Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Quant Time: Mar 06 05:54:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration



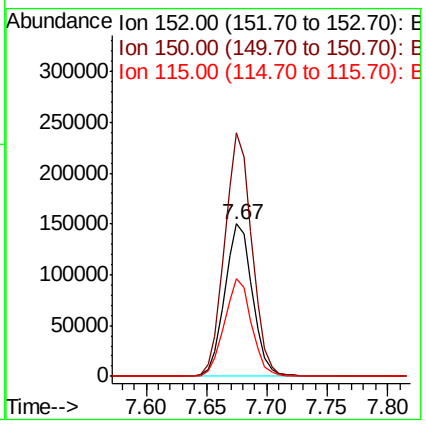


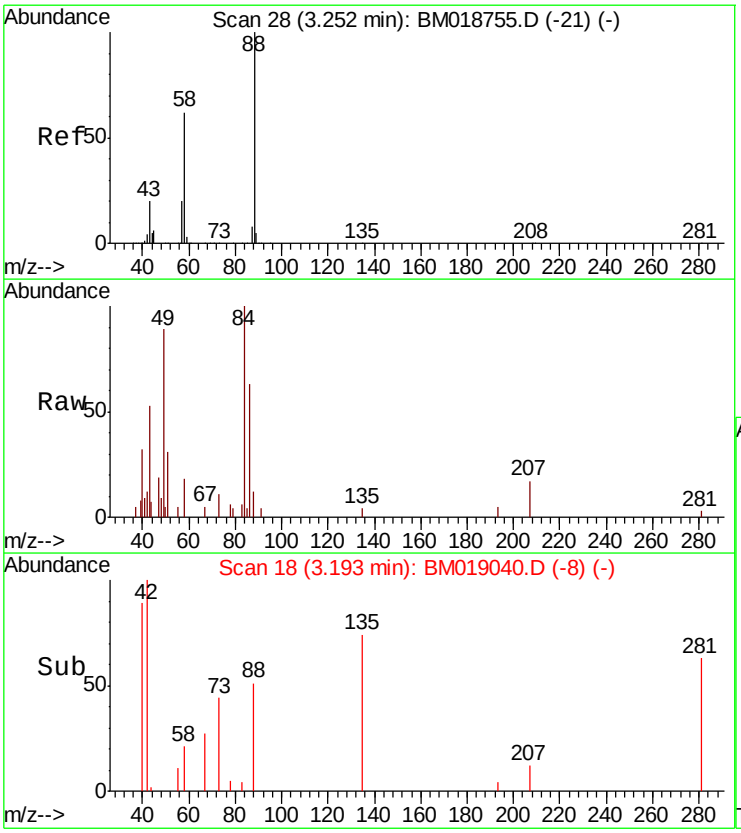
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:152 Resp: 239828

Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.3	190.9
115	64.4	50.8	76.2

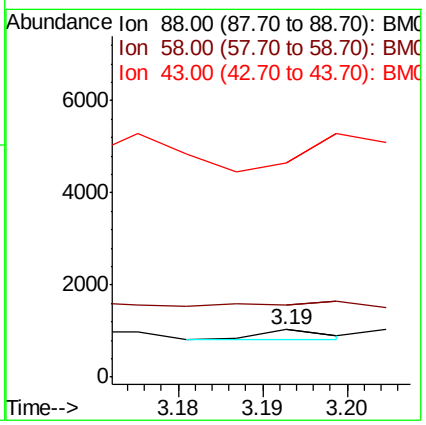


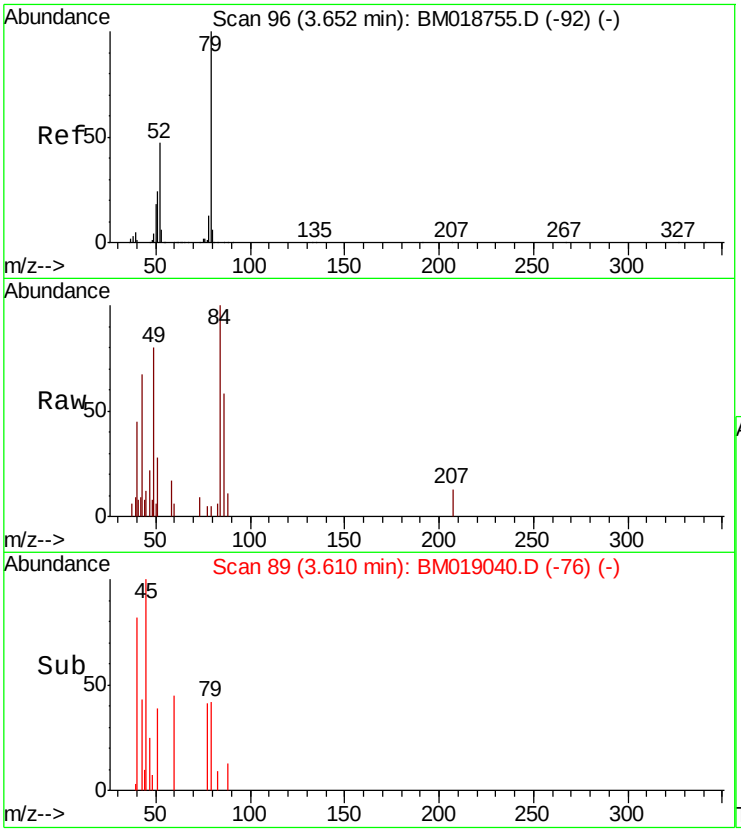


#2
1,4-Dioxane
Concen: 0.019 ng
RT: 3.19 min Scan# 18
Delta R.T. -0.04 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 88 Resp: 120

Ion	Ratio	Lower	Upper
88	100		
58	0.0	49.8	74.6#
43	1013.3	16.7	25.1#



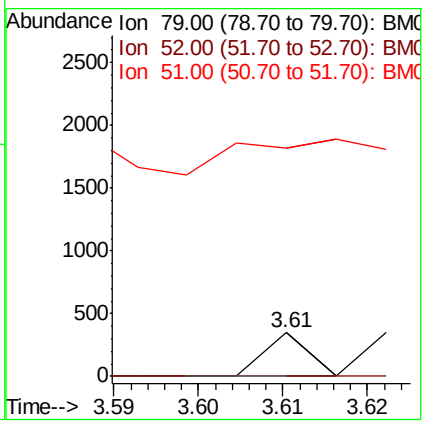


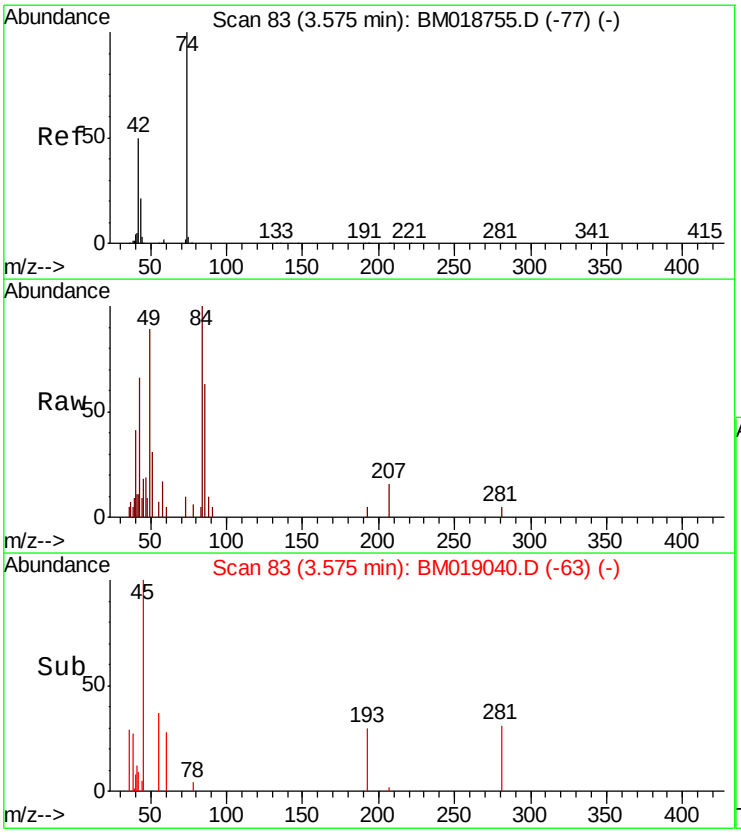
#3
Pyridine
Concen: 0.007 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion: 79 Resp: 123

Ion	Ratio	Lower	Upper
79	100		
52	0.0	37.6	56.4#
51	523.6	19.7	29.5#

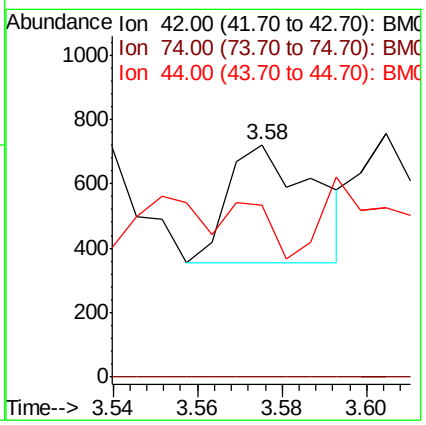


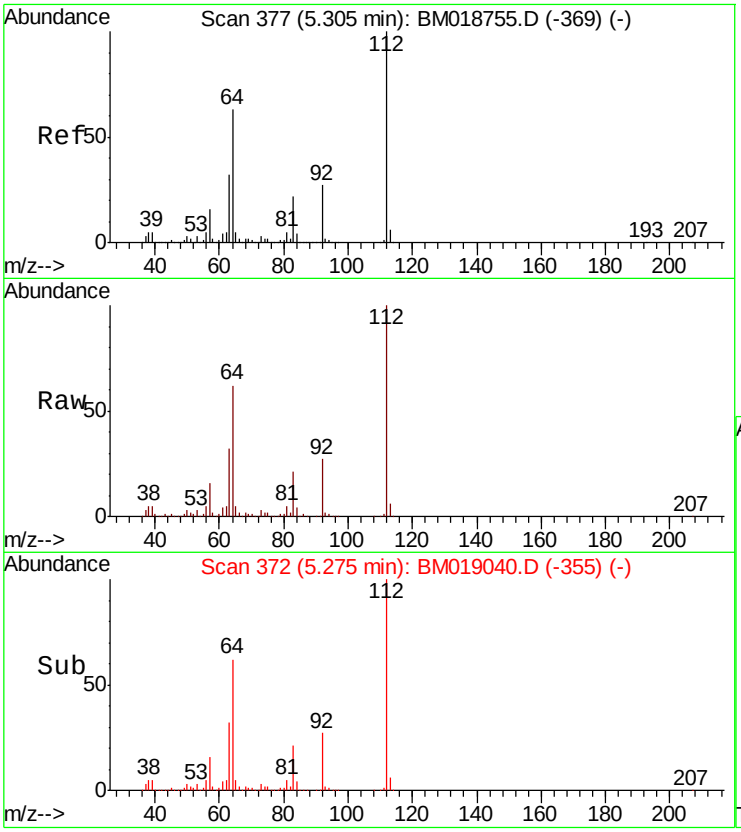


#4
n-Nitrosodimethylamine
Concen: 0.116 ng
RT: 3.58 min Scan# 83
Delta R.T. 0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 42 Resp: 515

Ion	Ratio	Lower	Upper
42	100		
74	0.0	158.1	237.1#
44	74.2	4.9	7.3#



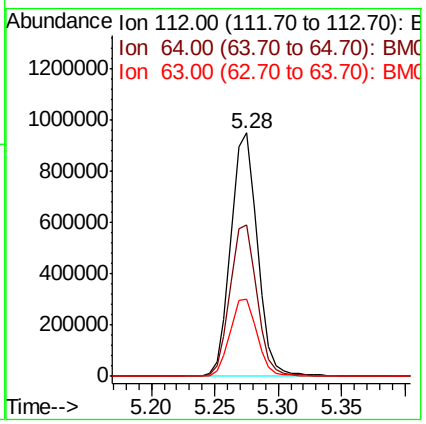


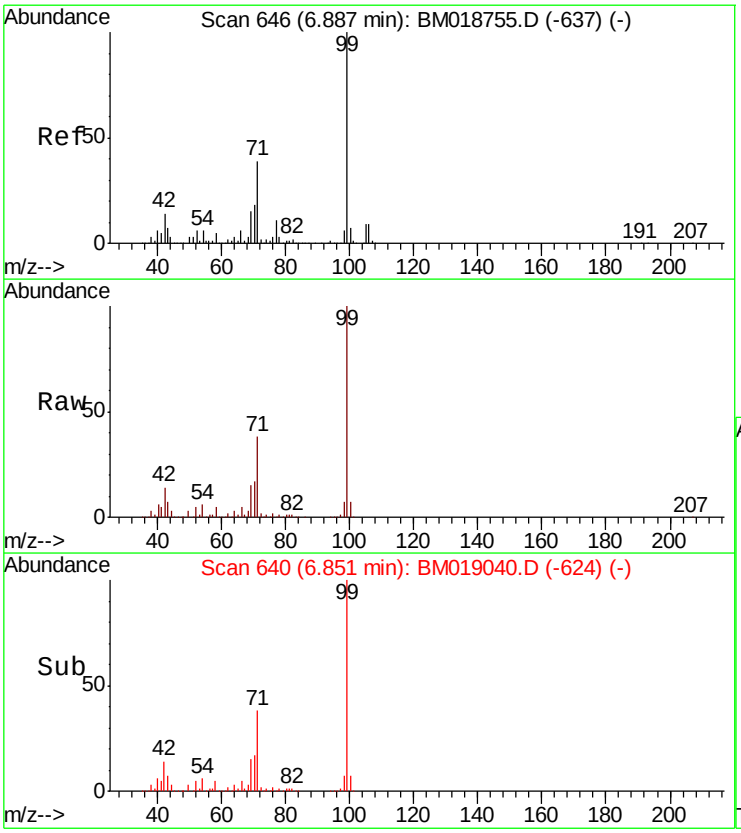
#5
2-Fluorophenol
Concen: 93.939 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:112 Resp: 1375008

Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.6	75.8
63	31.7	25.7	38.5

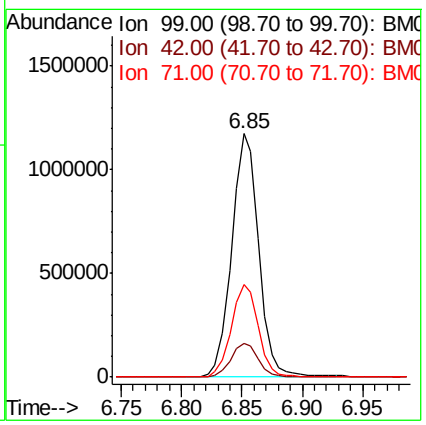


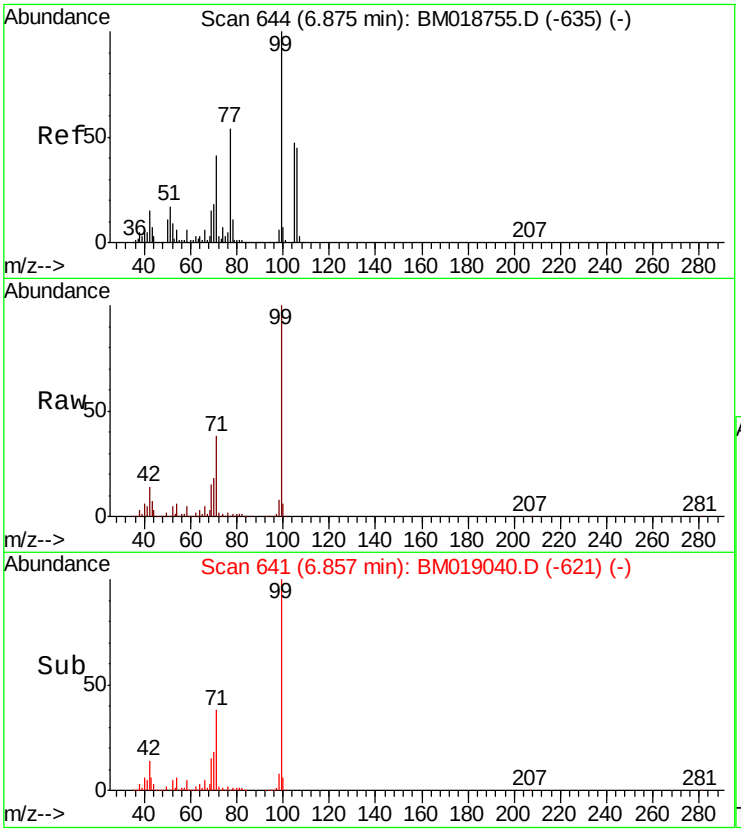


#7
Phenol-d6
Concen: 88.677 ng
RT: 6.85 min Scan# 640
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 99 Resp: 1828555

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	37.9	31.3	46.9



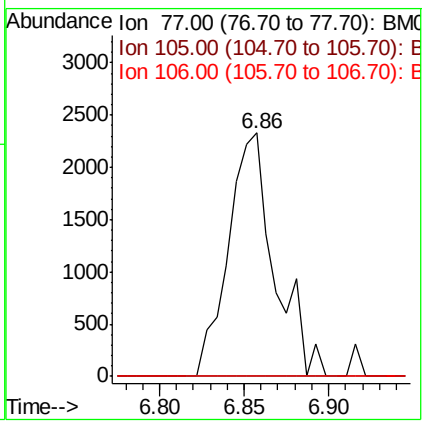


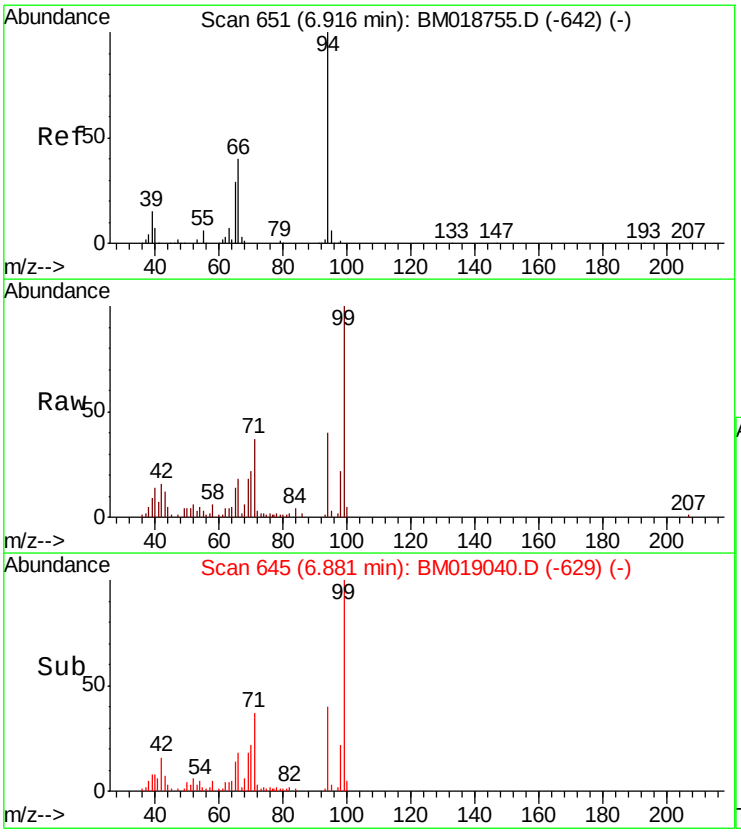
#9
Benzaldehyde
Concen: Below Cal
RT: 6.86 min Scan# 641
Delta R.T. 0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion: 77 Resp: 4412

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.3	107.3#
106	0.0	62.9	102.9#

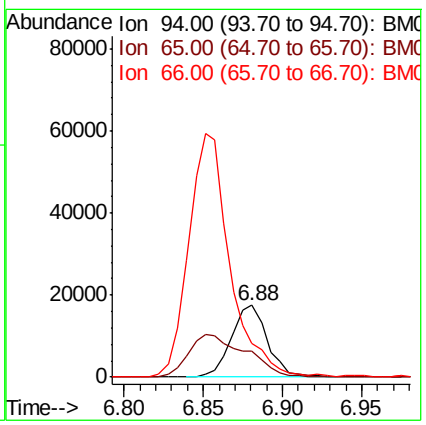


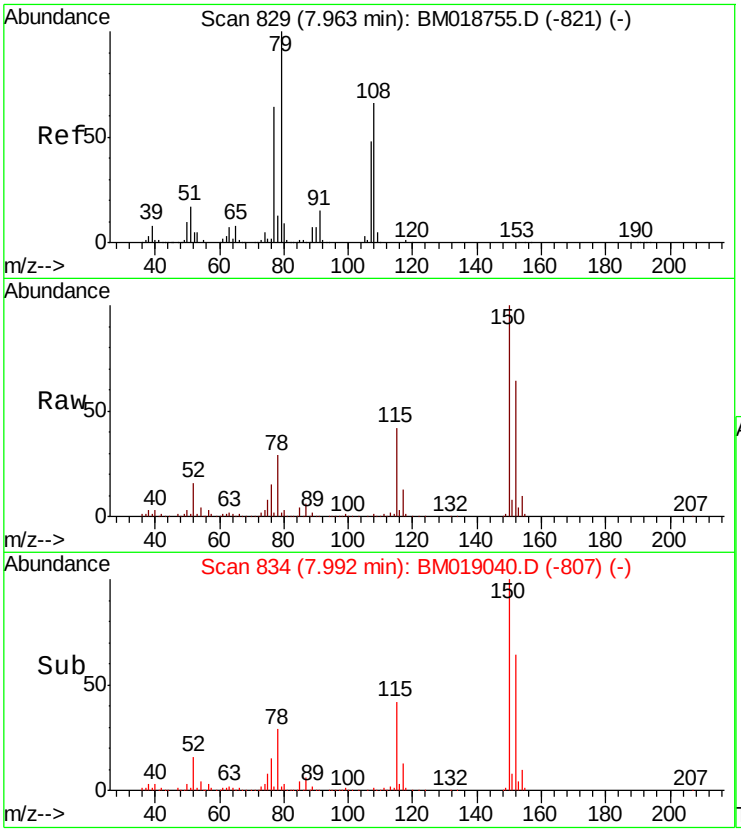


#10
Phenol
Concen: 1.271 ng
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 94 Resp: 27570

Ion	Ratio	Lower	Upper
94	100		
65	35.8	9.6	49.6
66	46.1	20.4	60.4



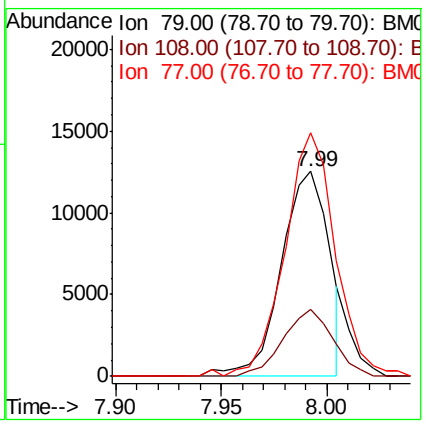


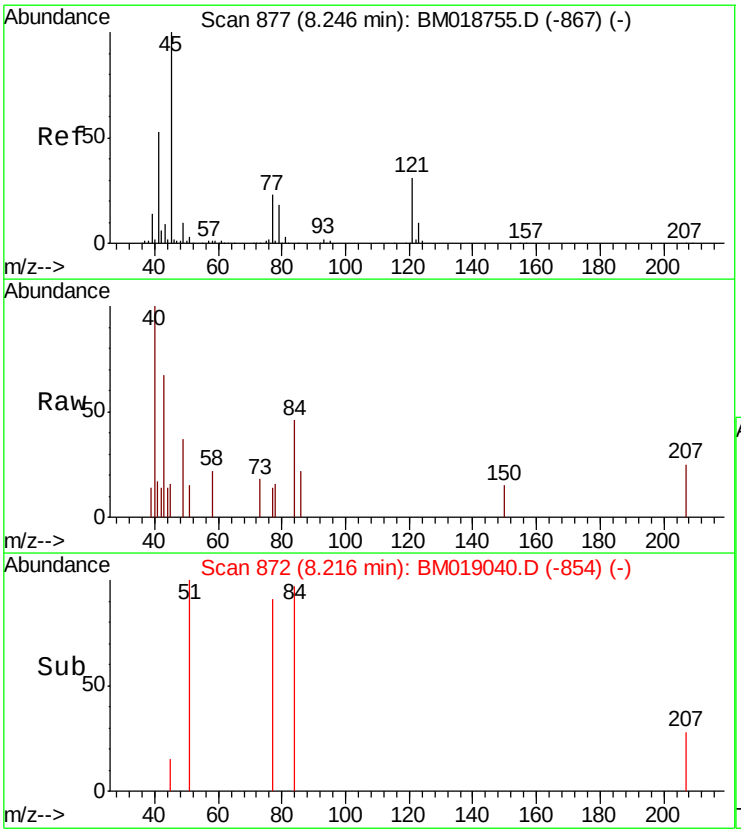
#15
Benzyl Alcohol
Concen: 1.208 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.06 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion: 79 Resp: 19795

Ion	Ratio	Lower	Upper
79	100		
108	32.8	52.7	79.1#
77	118.7	51.0	76.4#

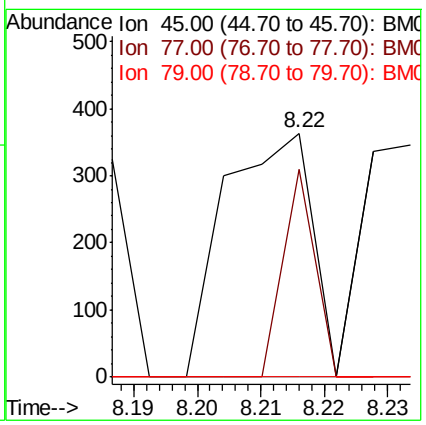


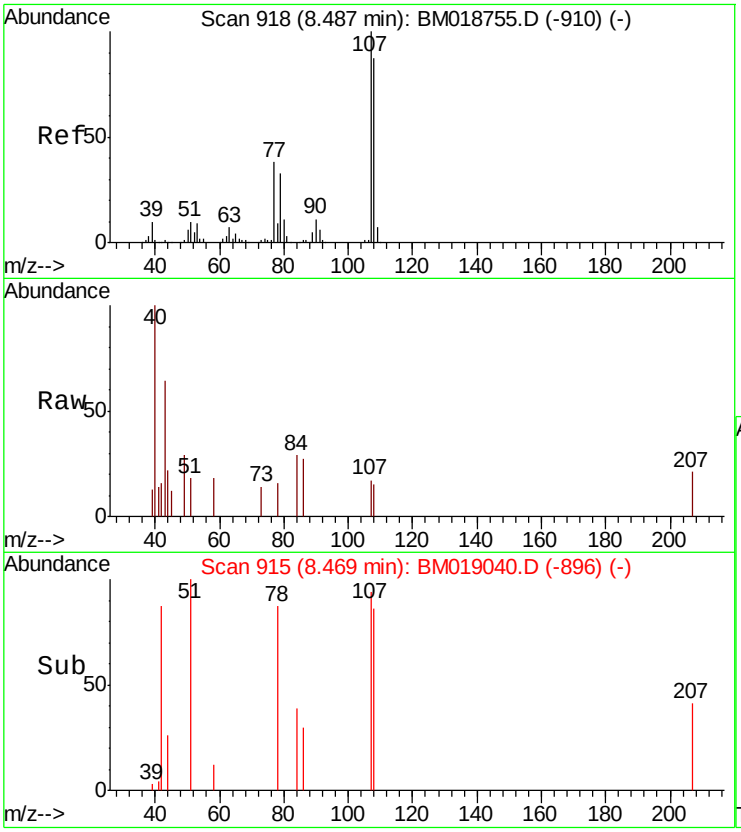


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.022 ng
RT: 8.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 45 Resp: 347

Ion	Ratio	Lower	Upper
45	100		
77	85.1	5.0	45.0#
79	0.0	0.0	39.3



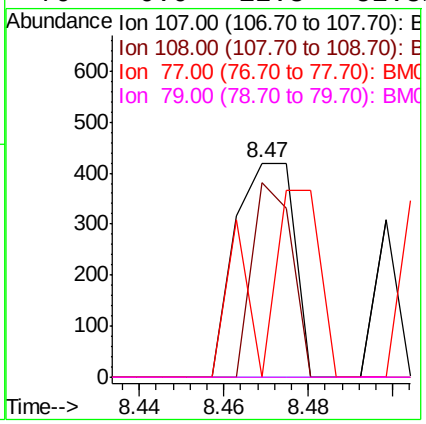


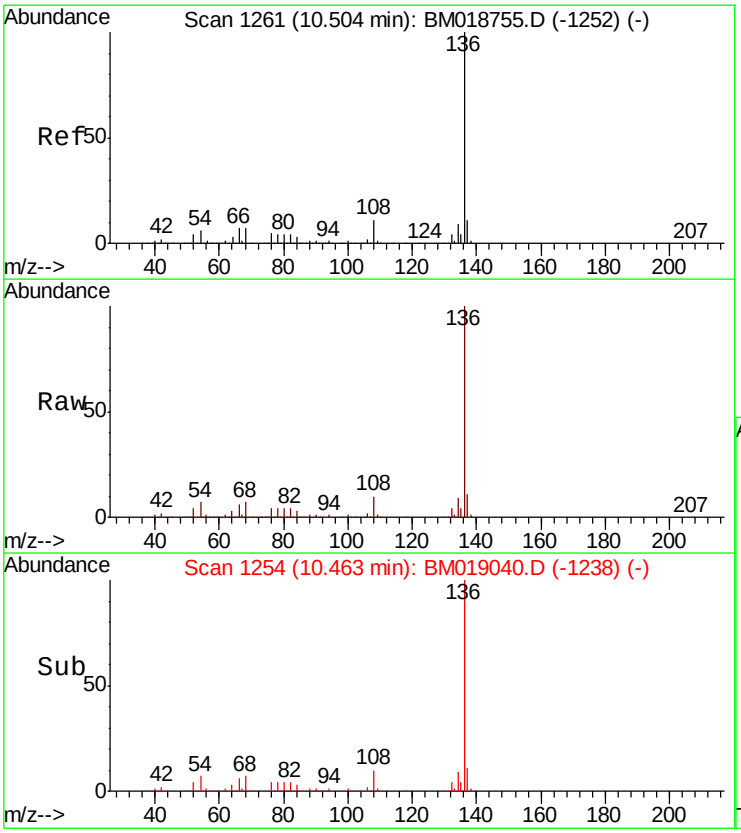
#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 8.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:107 Resp: 407

Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.3	107.3
77	0.0	18.0	58.0#
79	0.0	12.8	52.8#

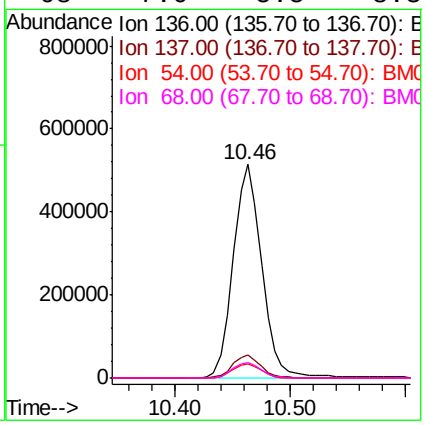


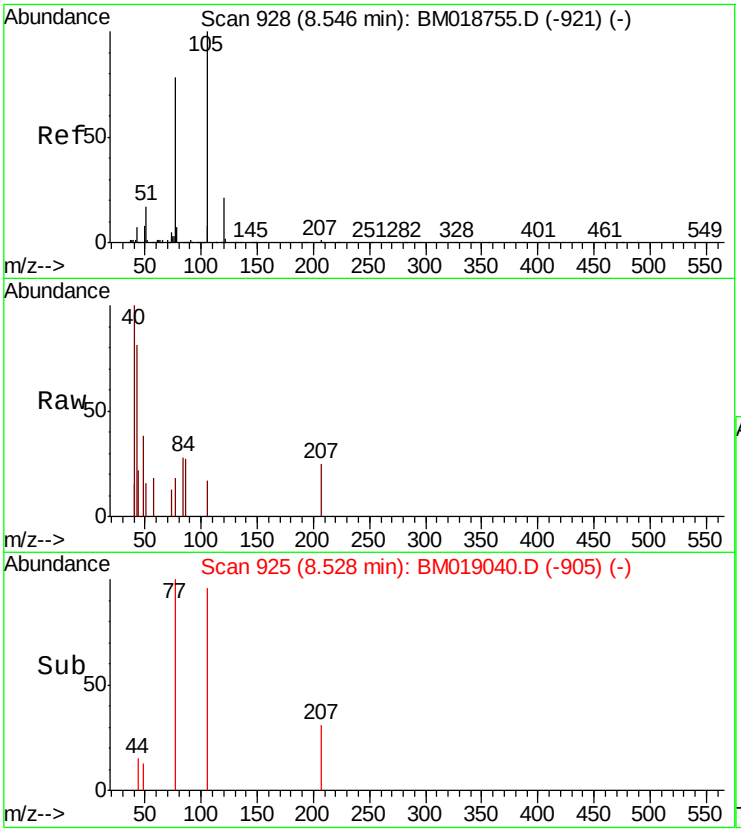


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:136 Resp: 879755

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.0	7.6
68	7.0	5.5	8.3



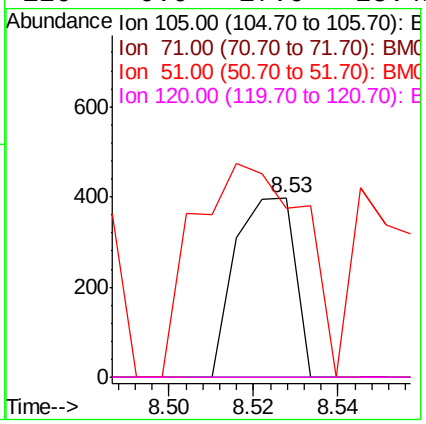


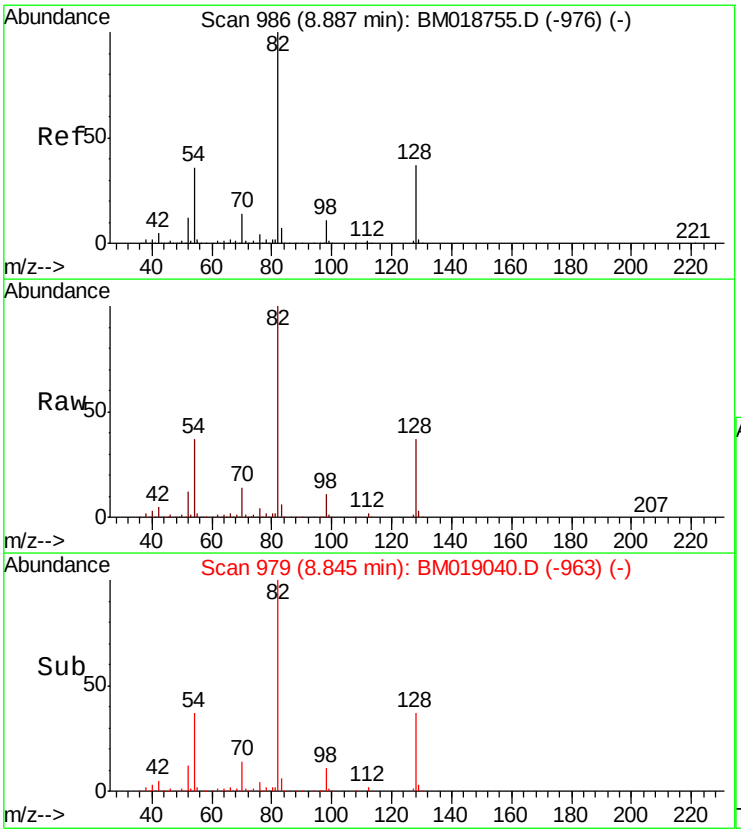
#22
Acetophenone
Concen: 0.016 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:105 Resp: 389

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	94.0	15.5	23.3#
120	0.0	17.0	25.4#

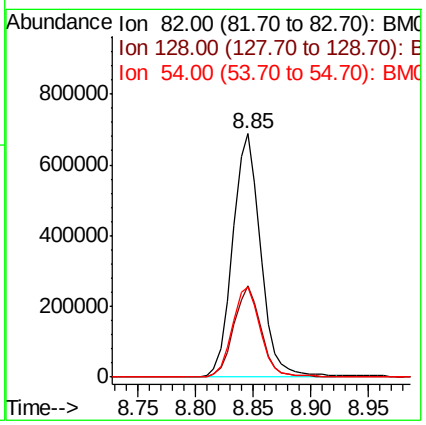


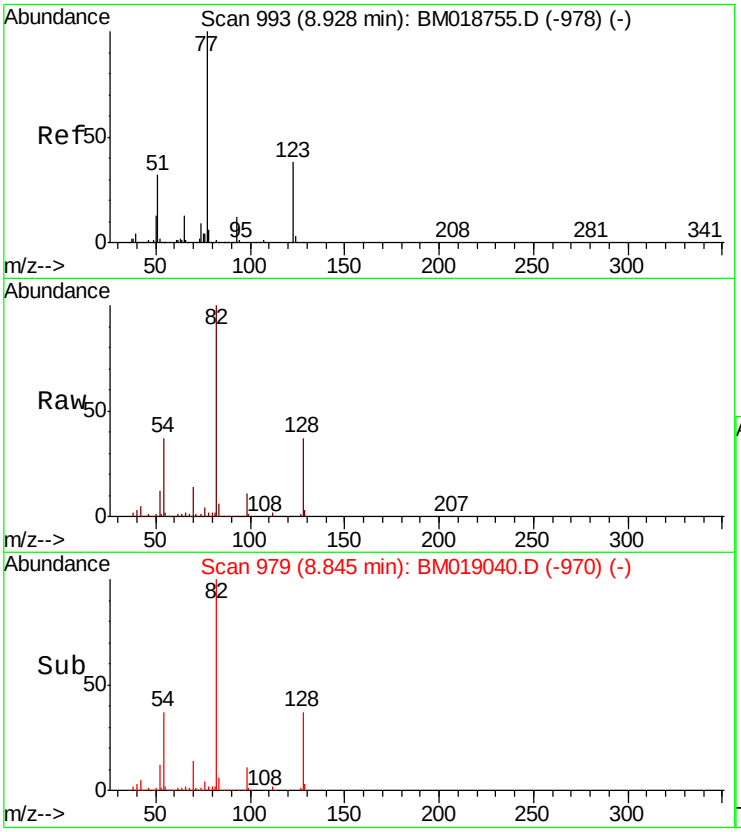


#23
Nitrobenzene-d5
Concen: 60.843 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 82 Resp: 1157624

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.9	44.9
54	37.2	29.1	43.7



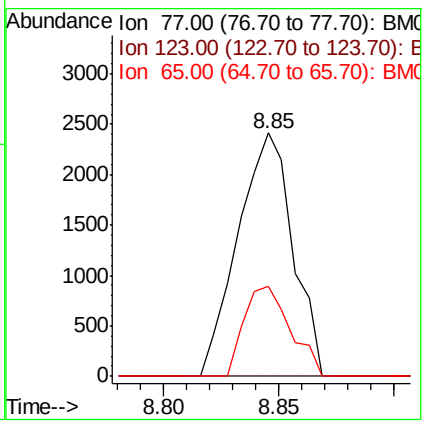


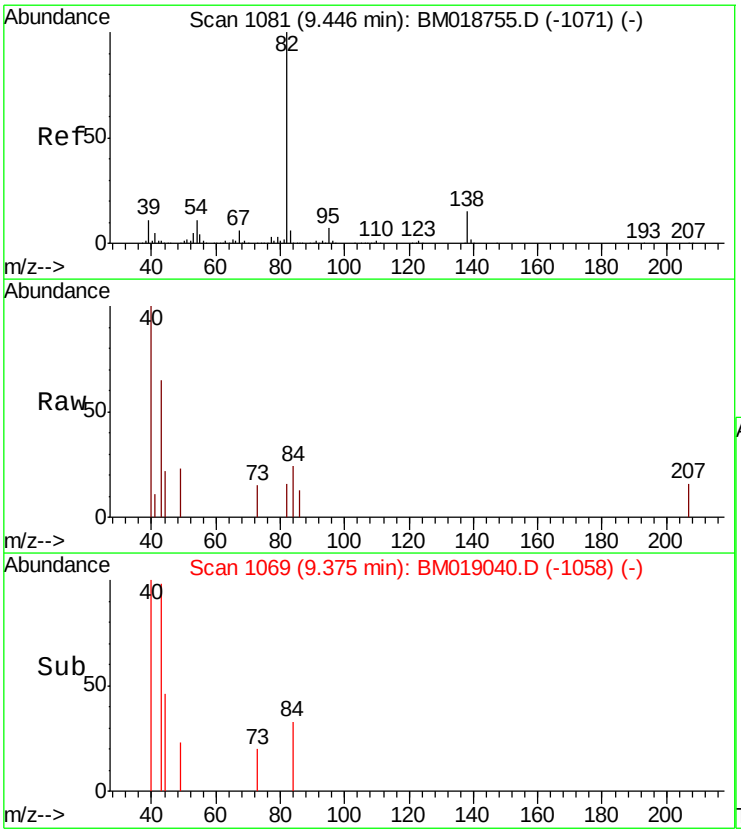
#24
Nitrobenzene
Concen: 0.202 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.05 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion: 77 Resp: 3992

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	36.9	10.5	15.7#

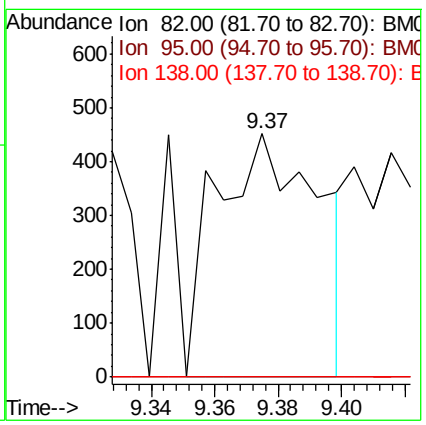


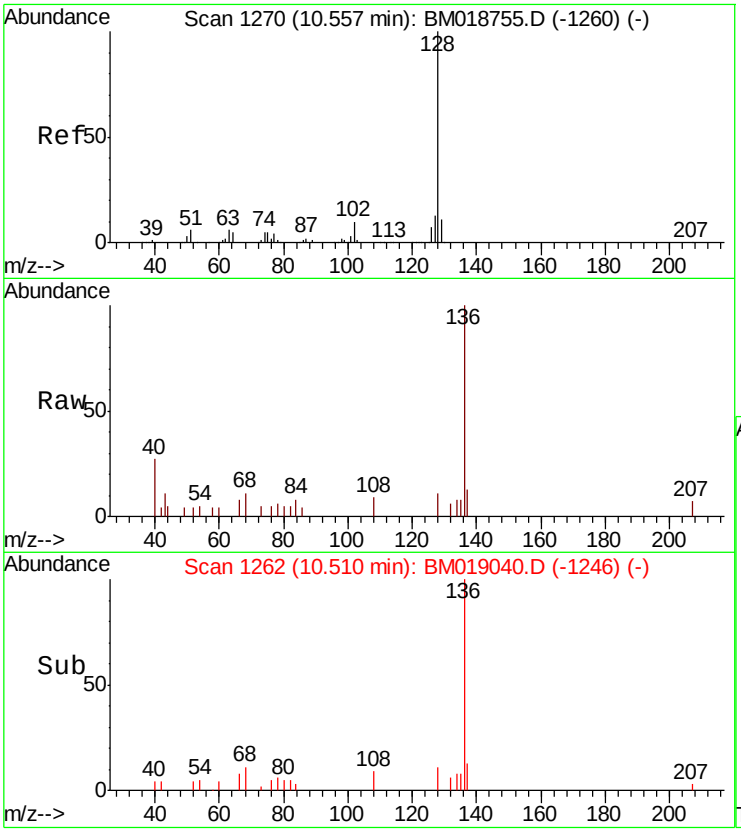


#25
Isophorone
Concen: 0.034 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.04 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 82 Resp: 1025

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.3	18.5#



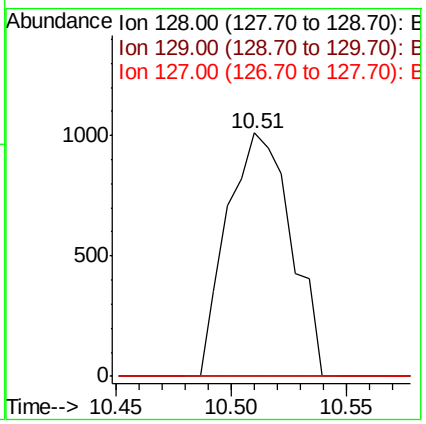


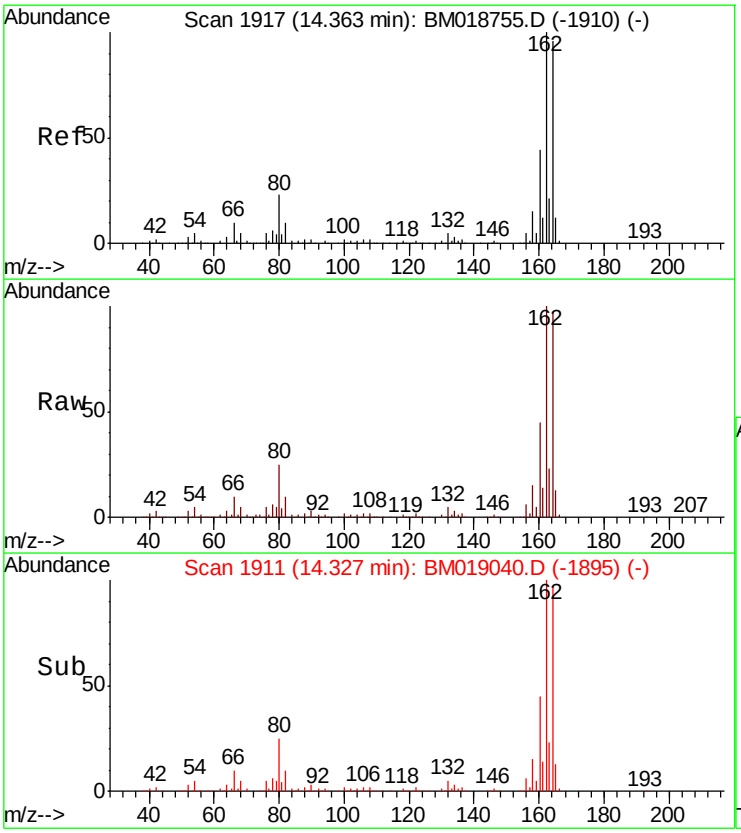
#31
Naphthalene
Concen: 0.045 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:128 Resp: 1947

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	0.0	10.7	16.1#

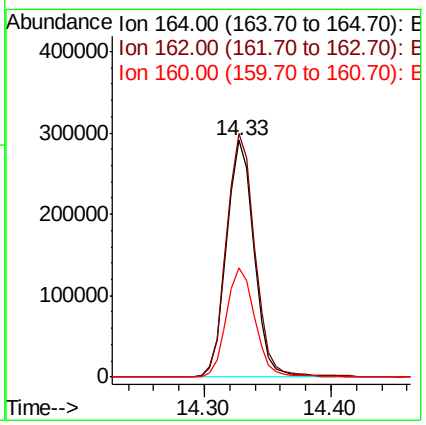


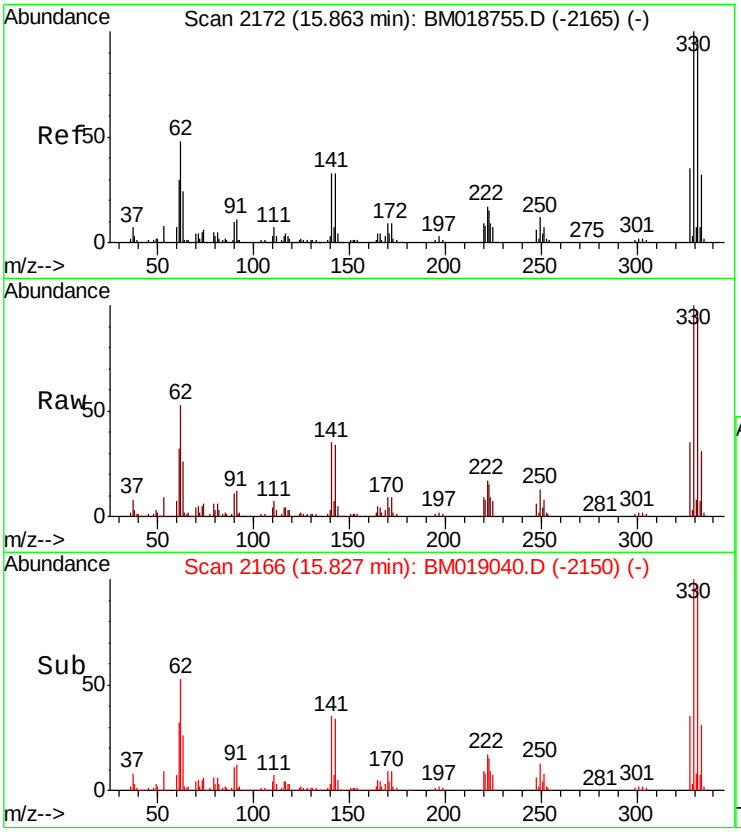


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:164 Resp: 438526

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.4	125.0
160	45.8	36.6	55.0



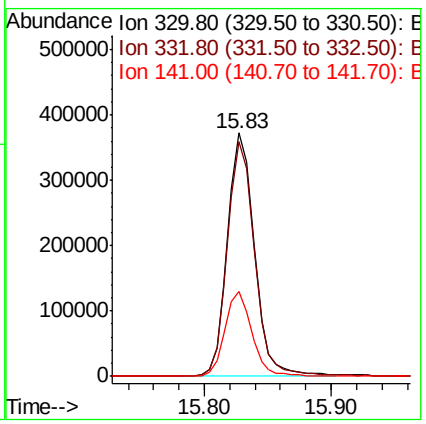


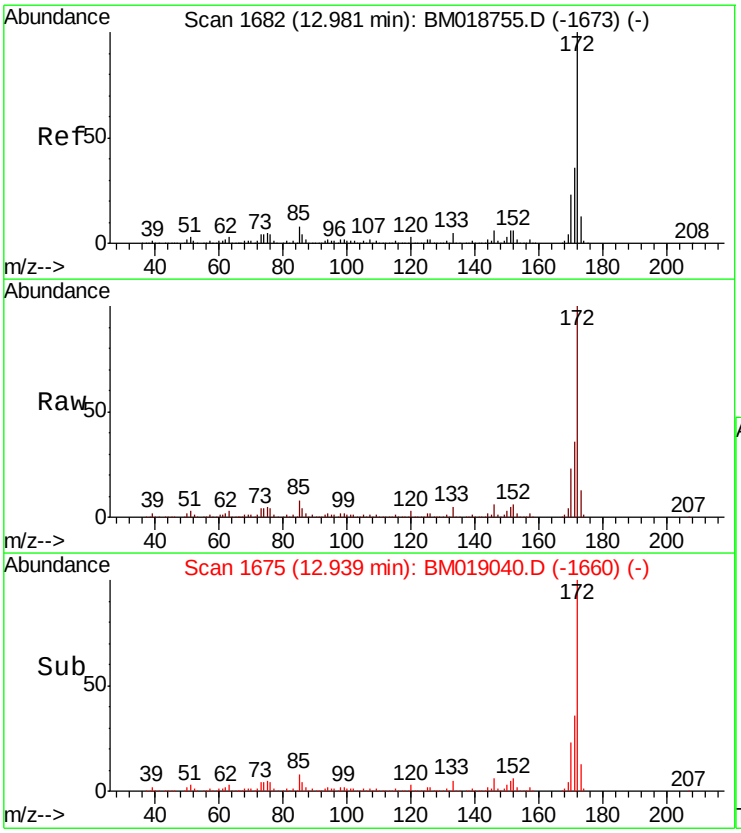
#42
2,4,6-Tribromophenol
Concen: 87.300 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:330 Resp: 551843

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	34.6	28.7	43.1

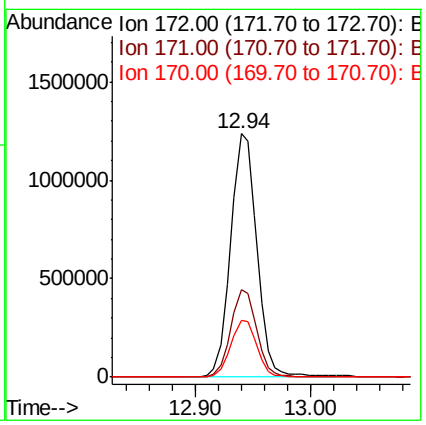


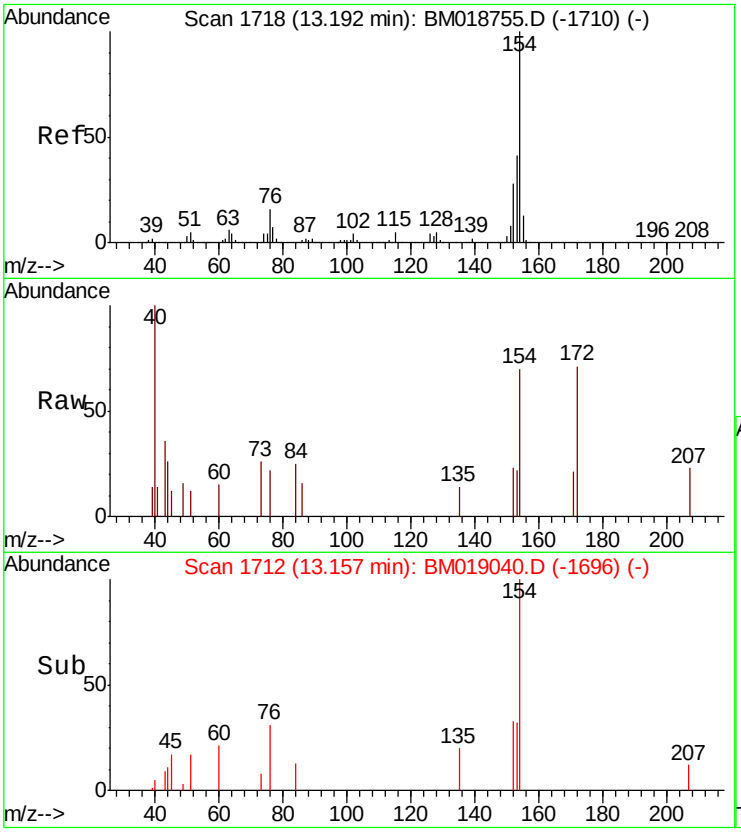


#45
2-Fluorobiphenyl
Concen: 58.967 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:172 Resp: 1947944

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.3	18.6	28.0



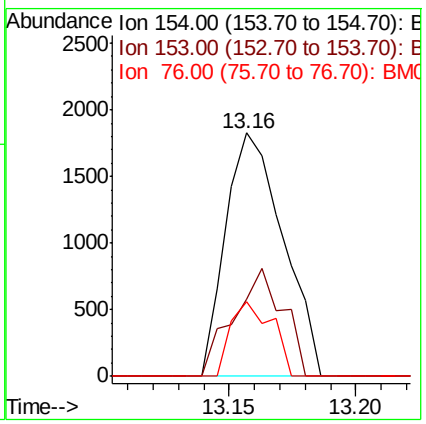


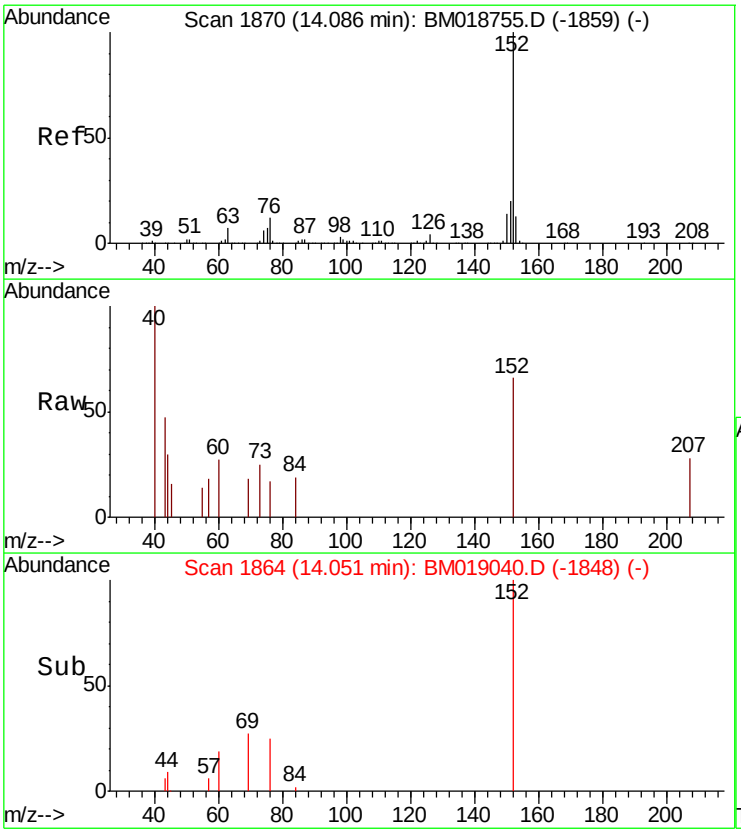
#46
1,1'-Biphenyl
Concen: 0.076 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:154 Resp: 2885

Ion	Ratio	Lower	Upper
154	100		
153	32.0	21.1	61.1
76	30.8	0.0	35.7

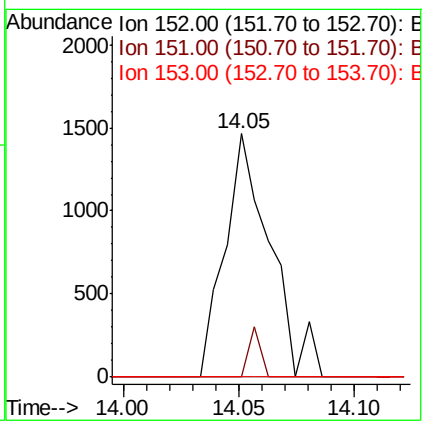


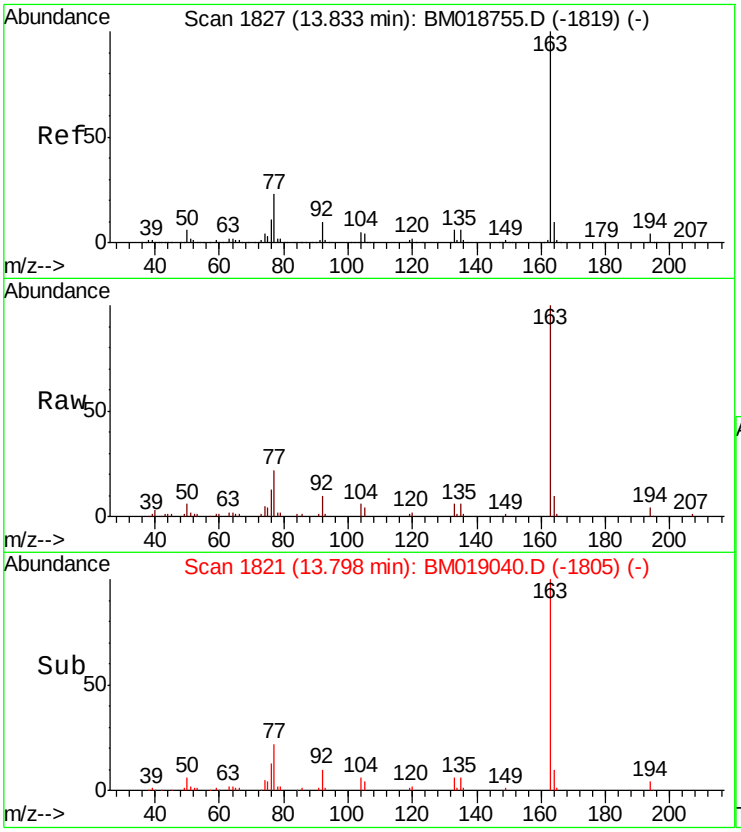


#49
Acenaphthylene
Concen: 0.046 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:152 Resp: 2001

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.8	23.8#
153	0.0	10.5	15.7#



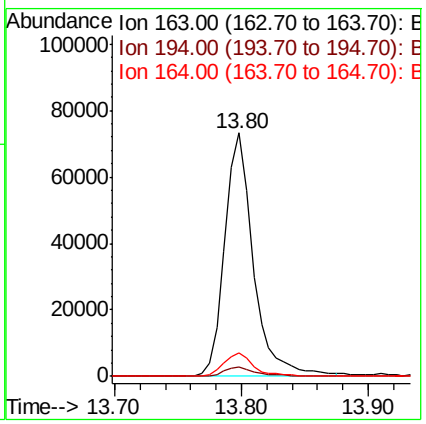


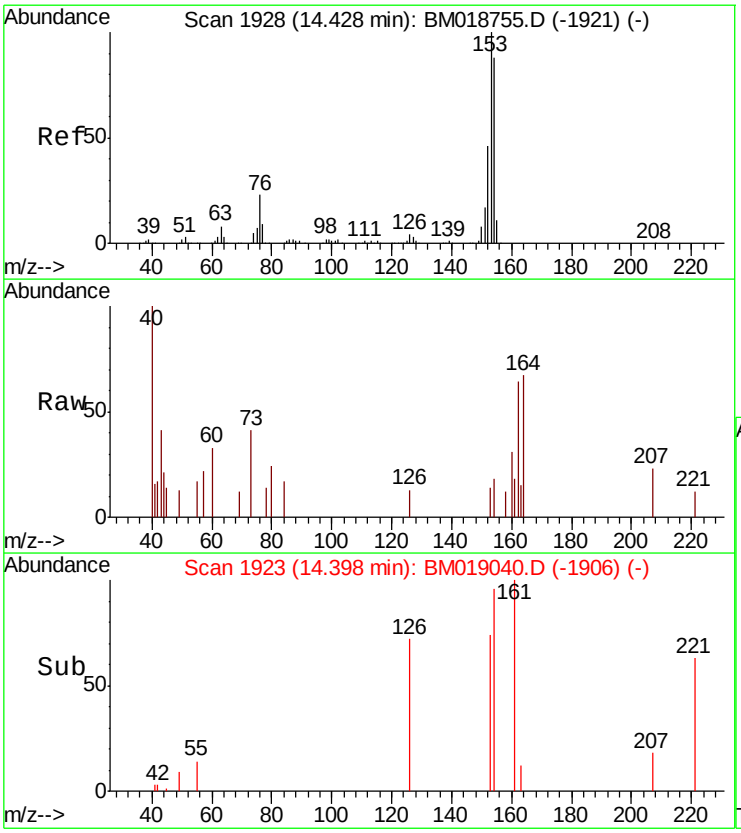
#50
Dimethylphthalate
Concen: 3.137 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:163 Resp: 114629

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.7	7.8	11.8

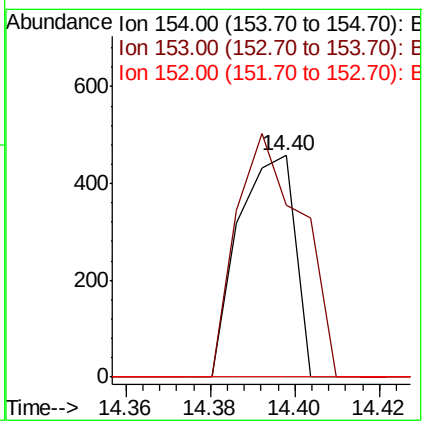


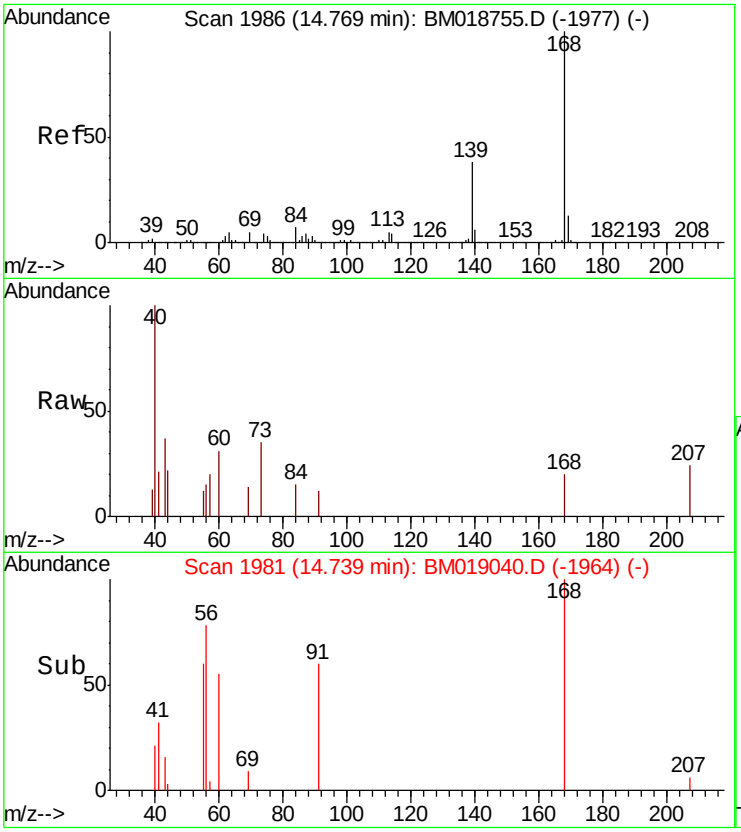


#52
Acenaphthene
Concen: 0.016 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:154 Resp: 426

Ion	Ratio	Lower	Upper
154	100		
153	77.9	91.3	136.9#
152	0.0	42.2	63.4#



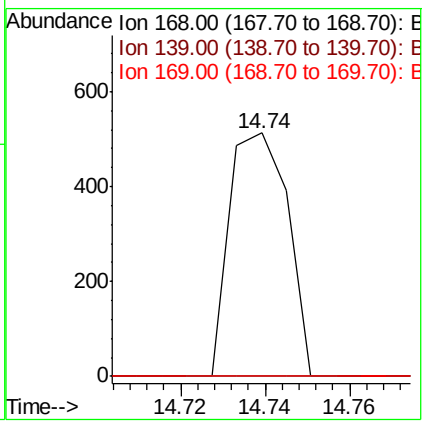


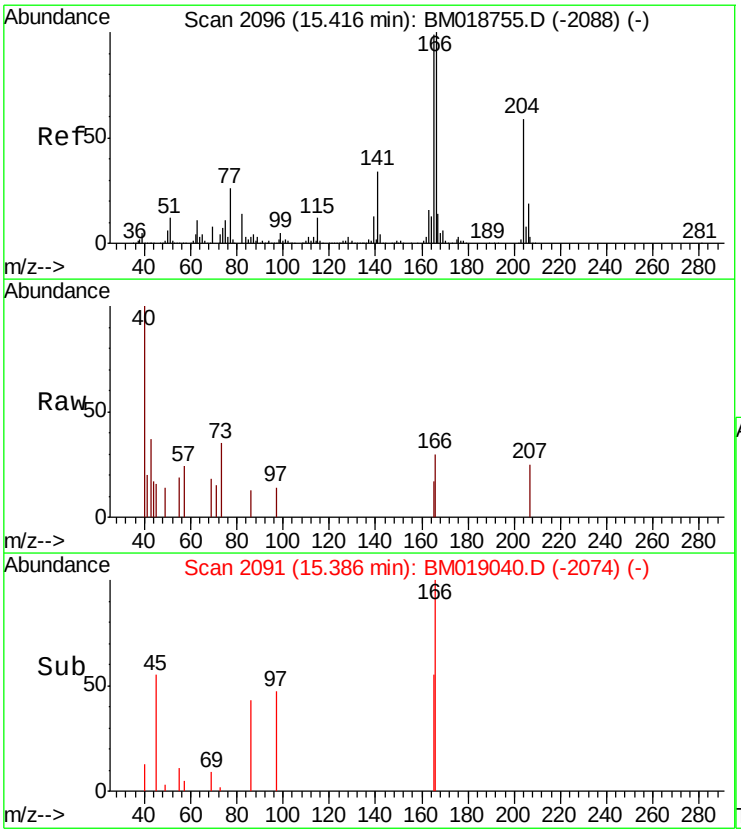
#55
Dibenzofuran
Concen: 0.011 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:168 Resp: 491

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.7	46.1#
169	0.0	10.3	15.5#

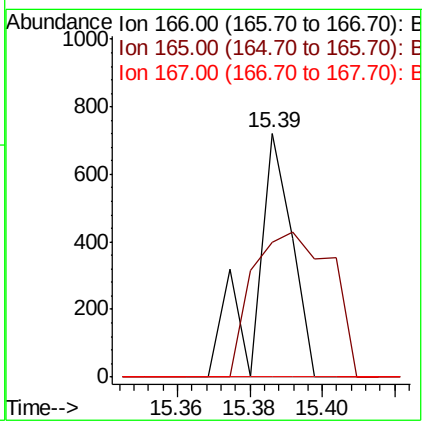


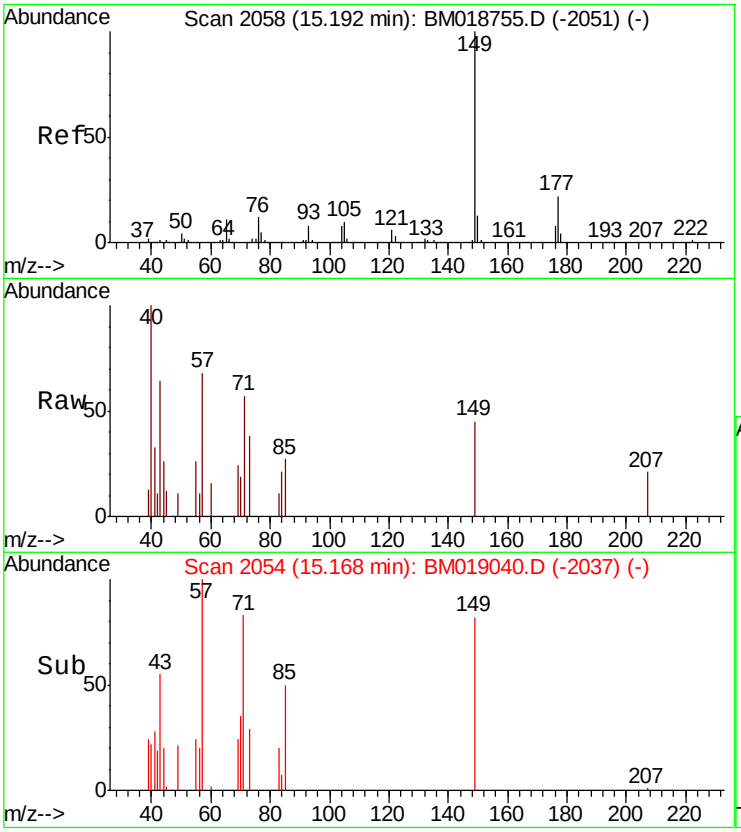


#58
Fluorene
Concen: 0.015 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:166 Resp: 512

Ion	Ratio	Lower	Upper
166	100		
165	55.5	79.1	118.7#
167	0.0	11.0	16.4#



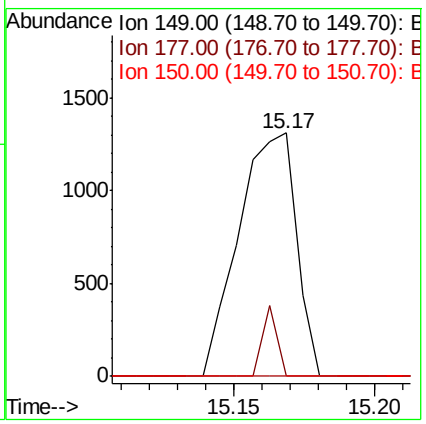


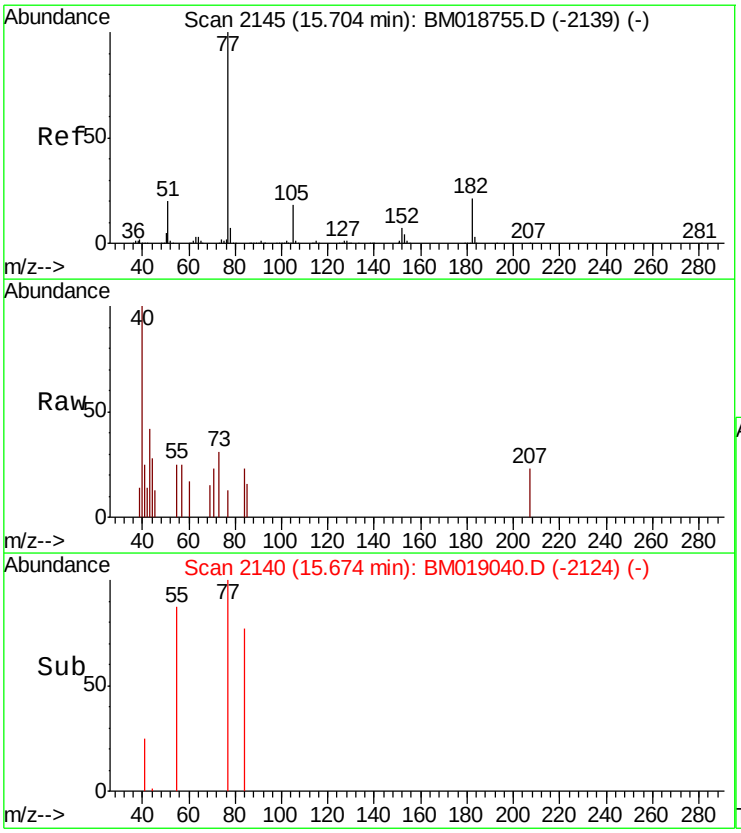
#60
Diethylphthalate
Concen: 0.049 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:149 Resp: 1857

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.2	25.8#
150	0.0	10.2	15.2#

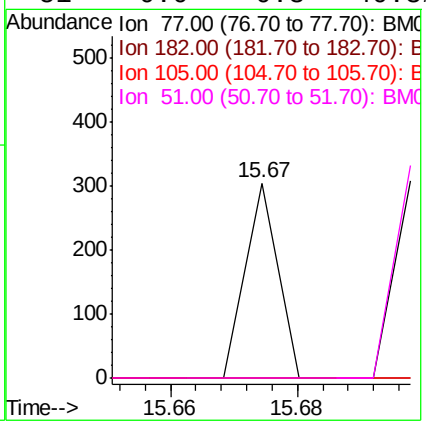


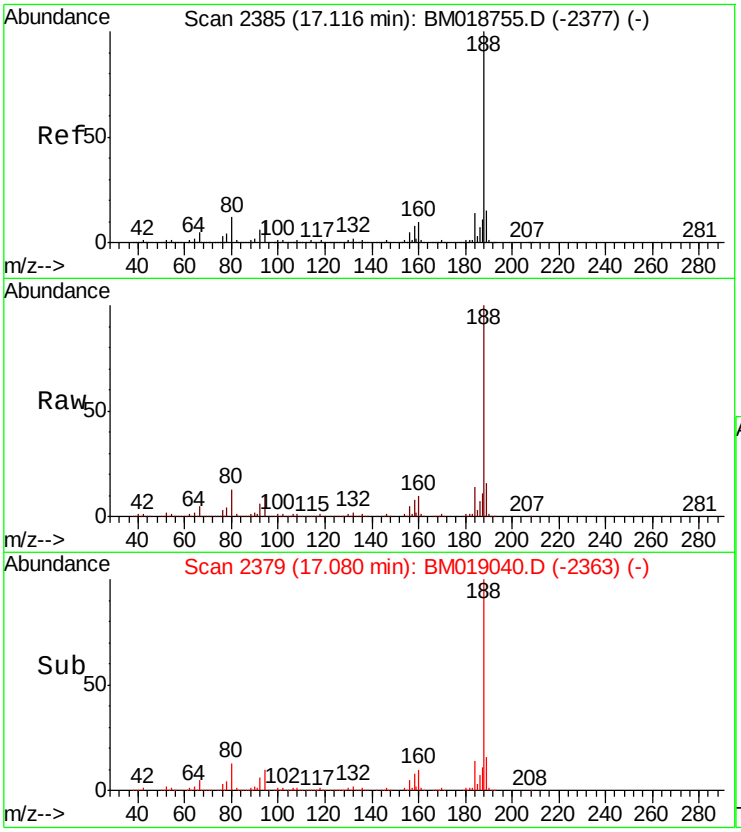


#63
Azobenzene
Concen: 0.003 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion: 77 Resp: 107

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.0	41.0#
105	0.0	0.0	37.7
51	0.0	0.3	40.3#



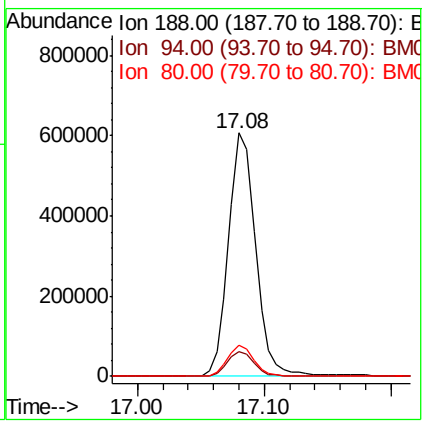


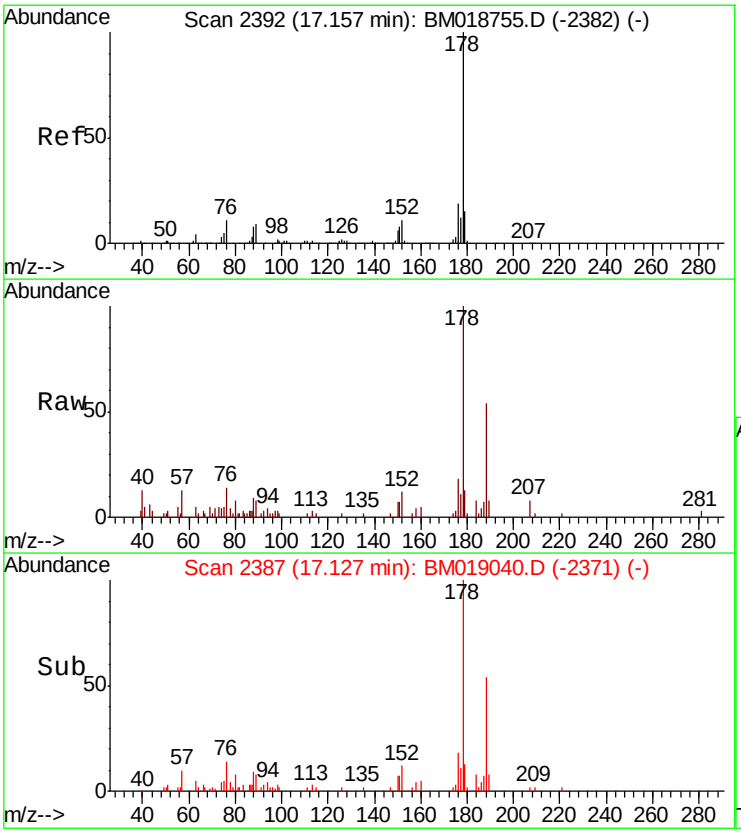
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:188 Resp: 901030

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	12.6	9.7	14.5

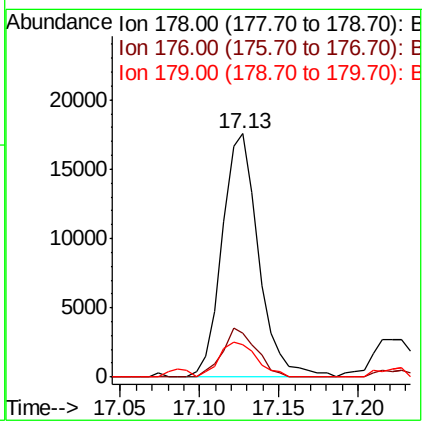


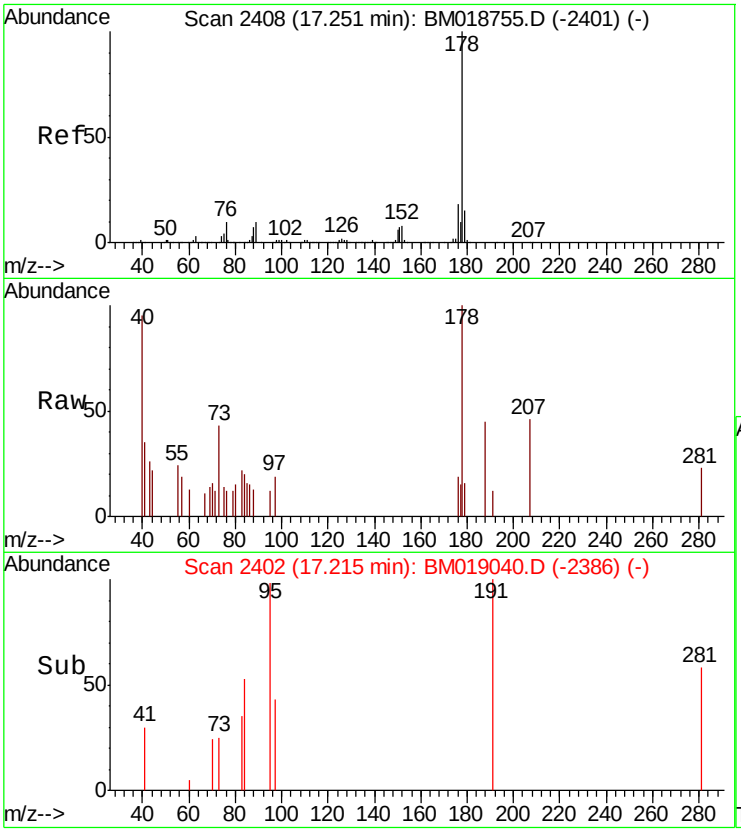


#71
Phenanthrene
Concen: 0.578 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:178 Resp: 28008

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	13.4	12.3	18.5



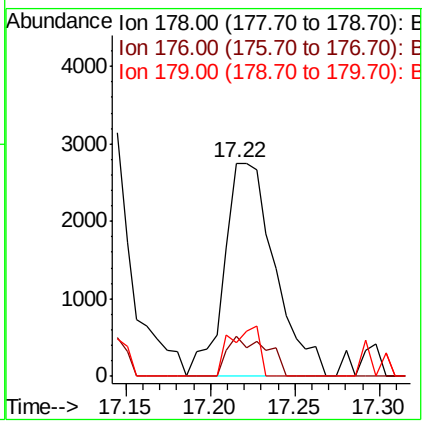


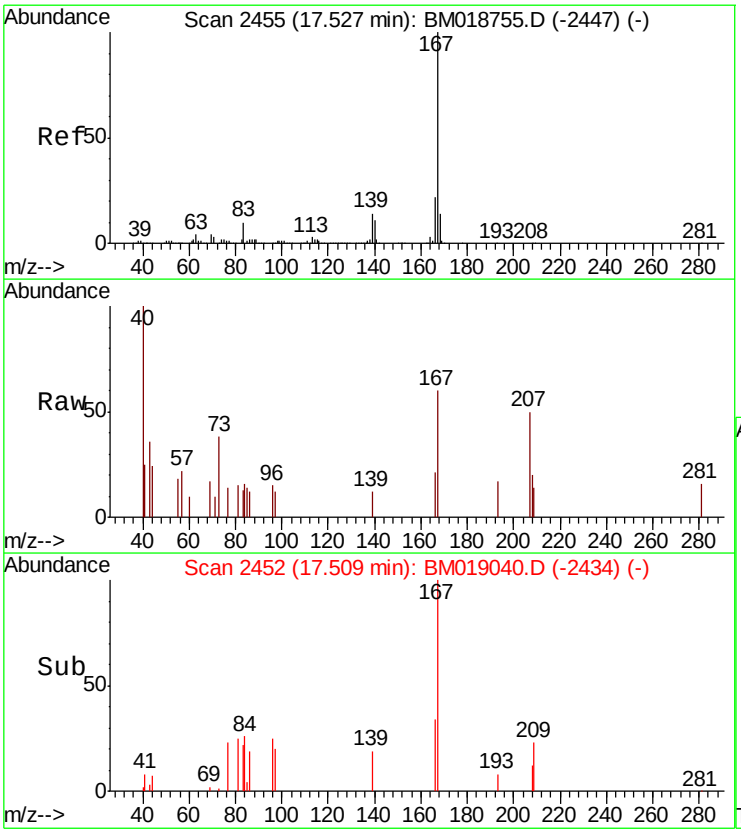
#72
Anthracene
Concen: 0.122 ng
RT: 17.22 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:178 Resp: 5737

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.7	12.1	18.1

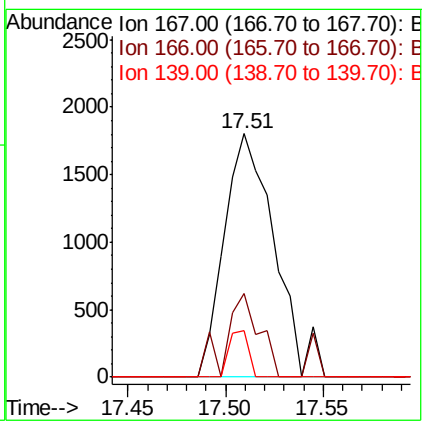


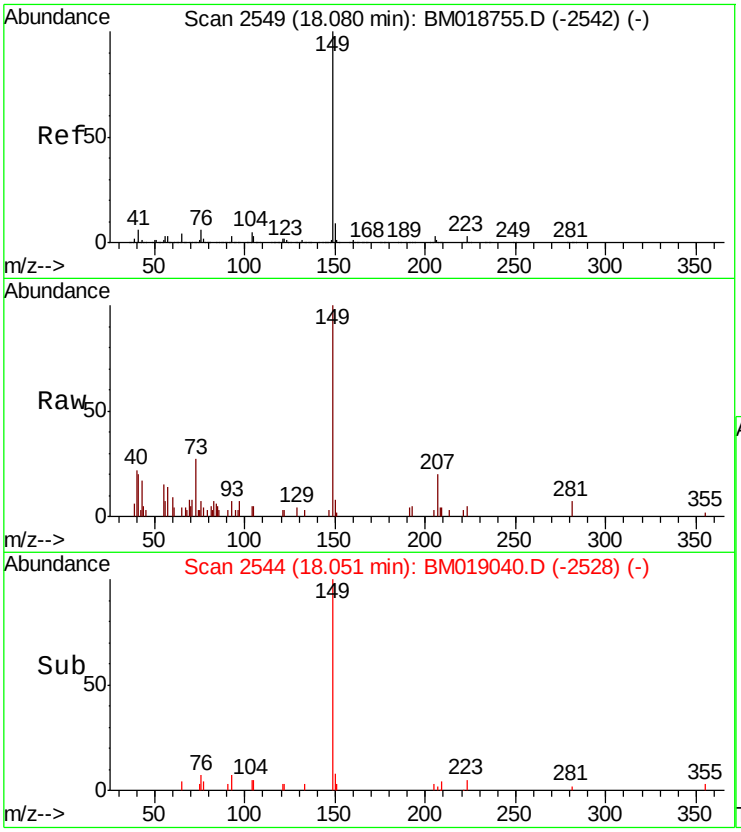


#73
Carbazole
Concen: 0.065 ng
RT: 17.51 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:167 Resp: 3220

Ion	Ratio	Lower	Upper
167	100		
166	34.2	17.7	26.5#
139	19.2	10.9	16.3#



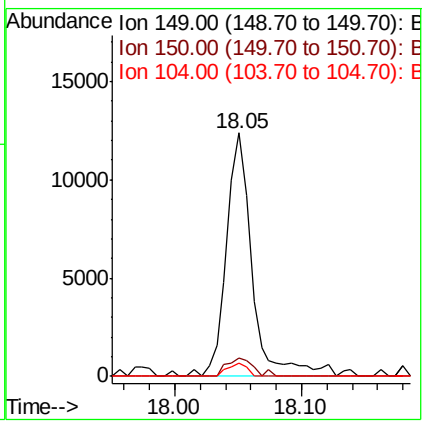


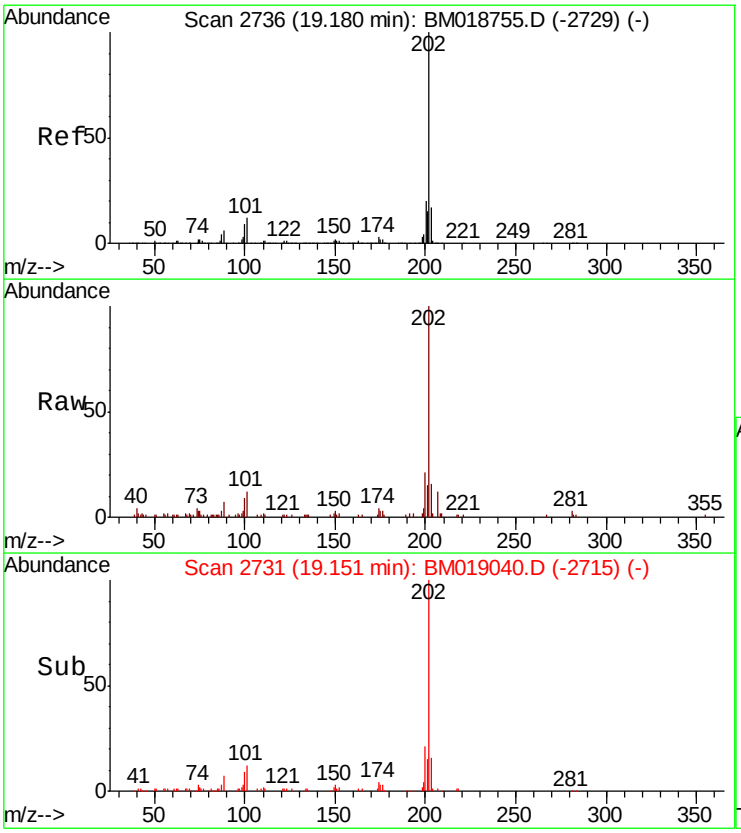
#74
Di-n-butylphthalate
Concen: 0.307 ng
RT: 18.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:149 Resp: 17396

Ion	Ratio	Lower	Upper
149	100		
150	7.6	7.4	11.0
104	5.2	4.3	6.5

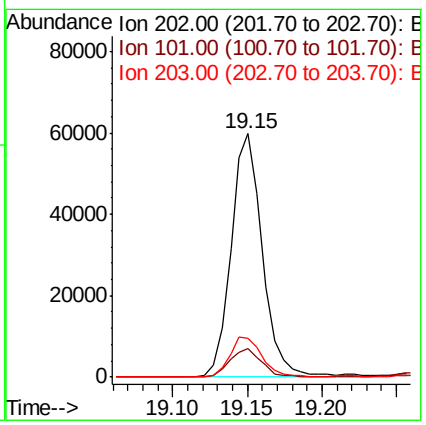


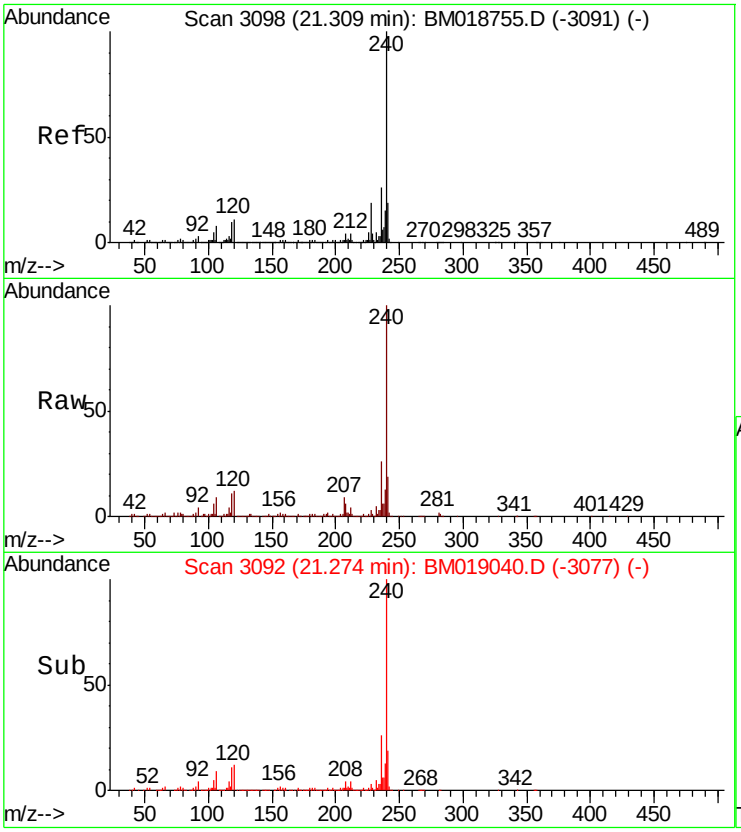


#75
Fluoranthene
Concen: 1.558 ng
RT: 19.15 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:202 Resp: 87151

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.5
203	15.8	0.0	37.3



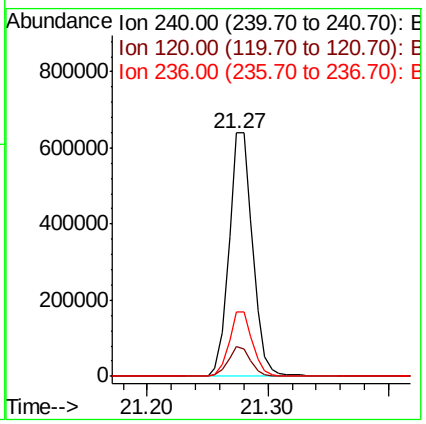


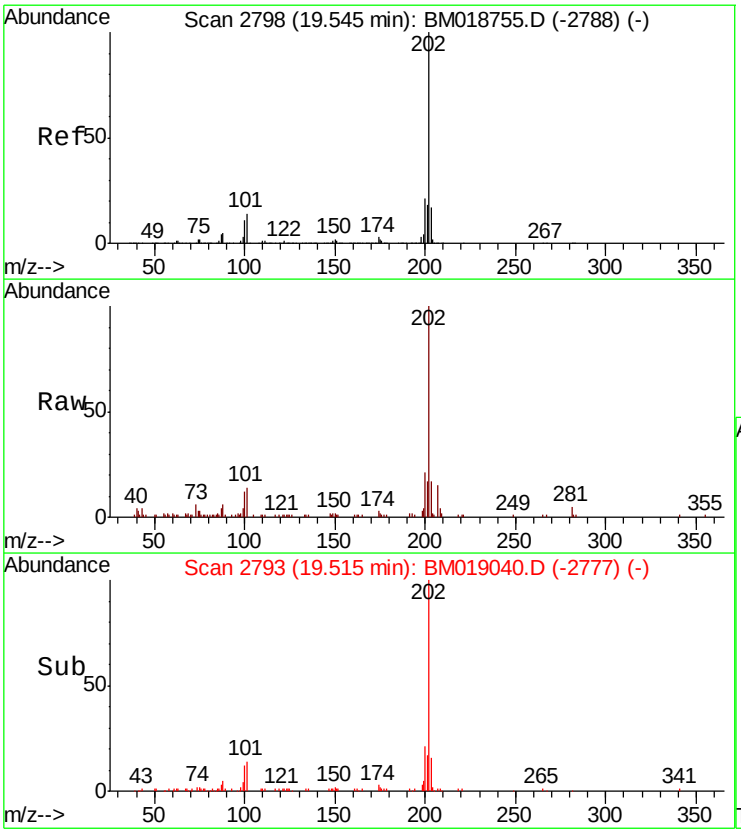
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:240 Resp: 871232

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	26.3	20.9	31.3

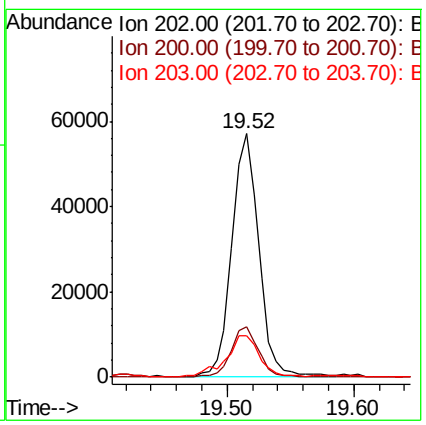


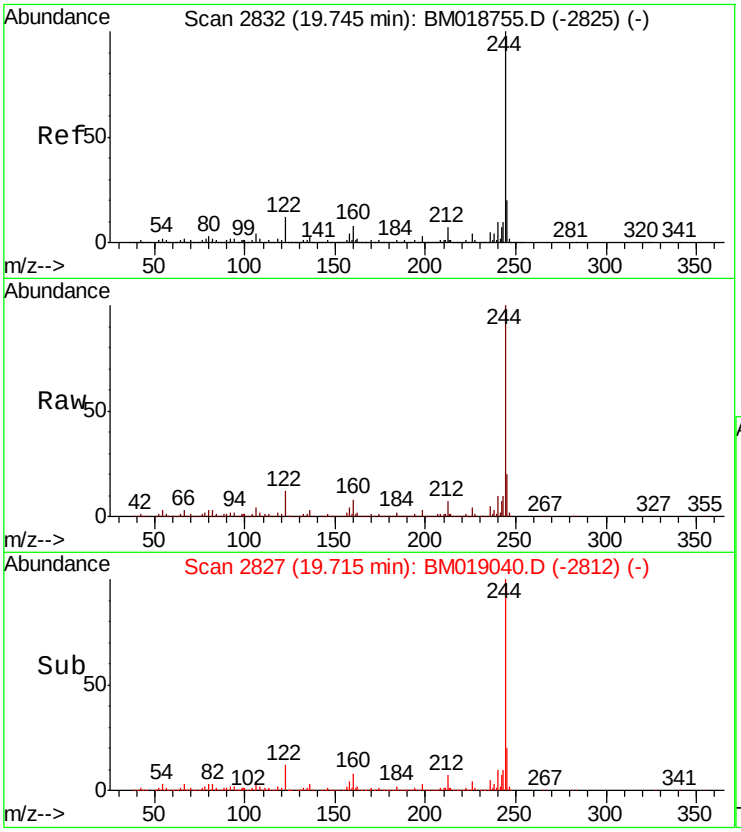


#78
Pyrene
Concen: 1.665 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:202 Resp: 84272

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	16.8	13.8	20.8



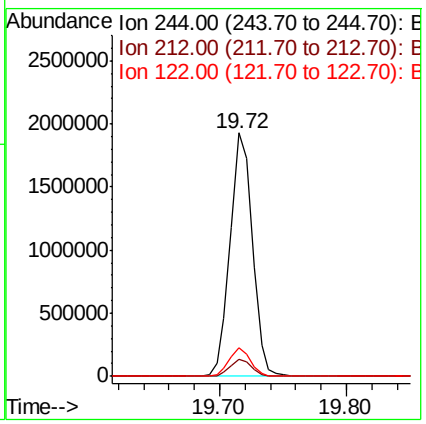


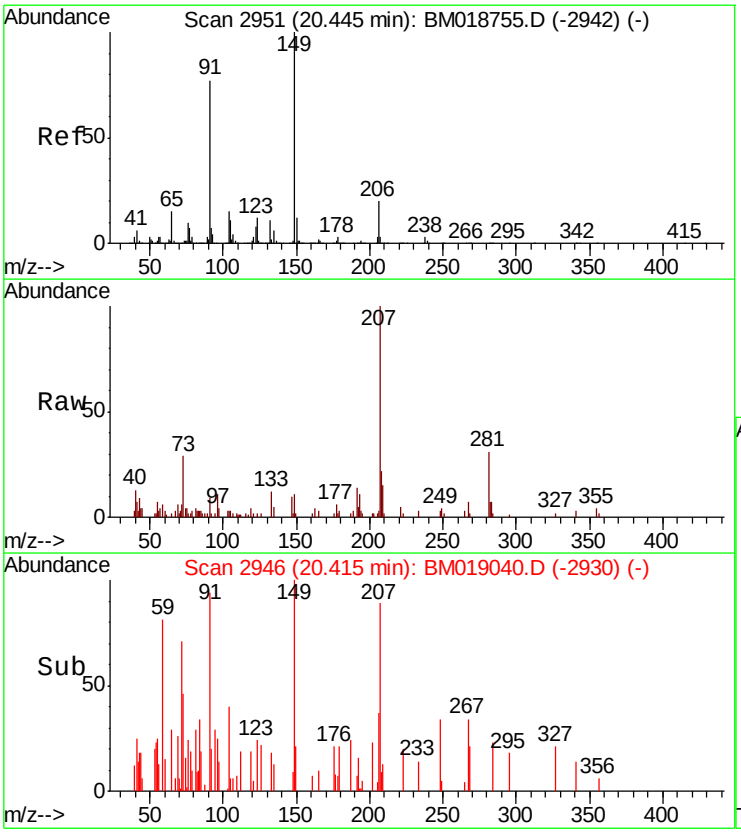
#79
Terphenyl-d14
Concen: 55.495 ng
RT: 19.72 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:244 Resp: 2343735

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.5	9.3	13.9

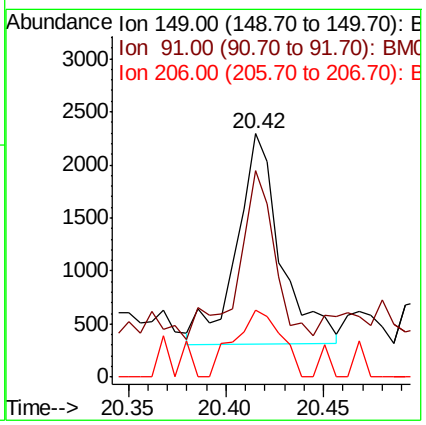


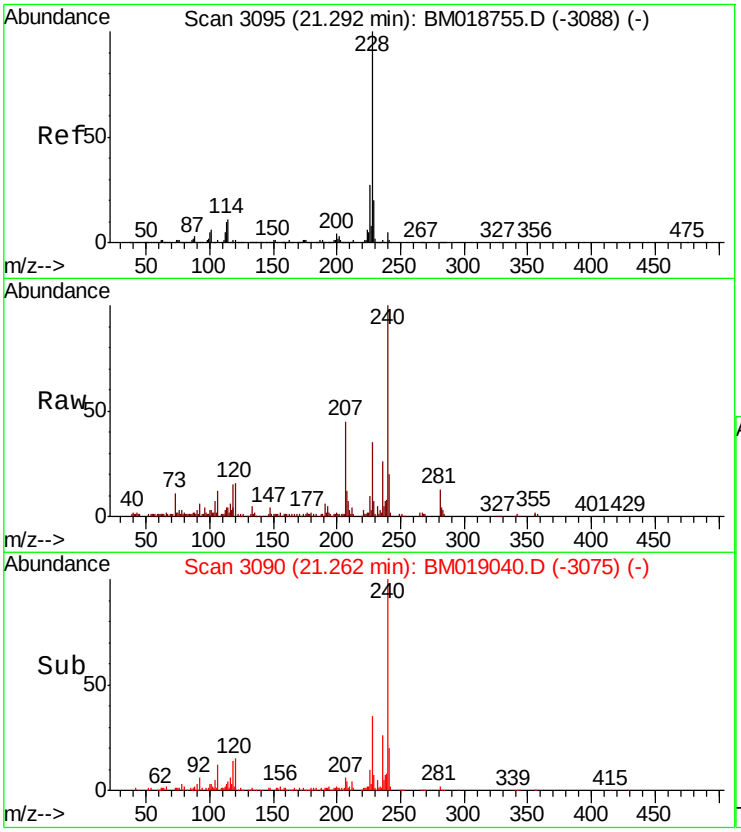


#80
Butylbenzylphthalate
Concen: 0.134 ng
RT: 20.42 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:149 Resp: 3091

Ion	Ratio	Lower	Upper
149	100		
91	84.7	61.4	92.0
206	27.3	15.8	23.8#



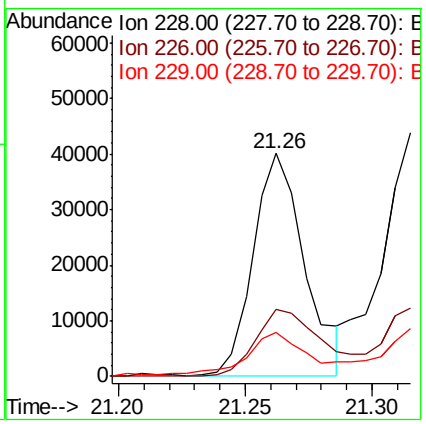


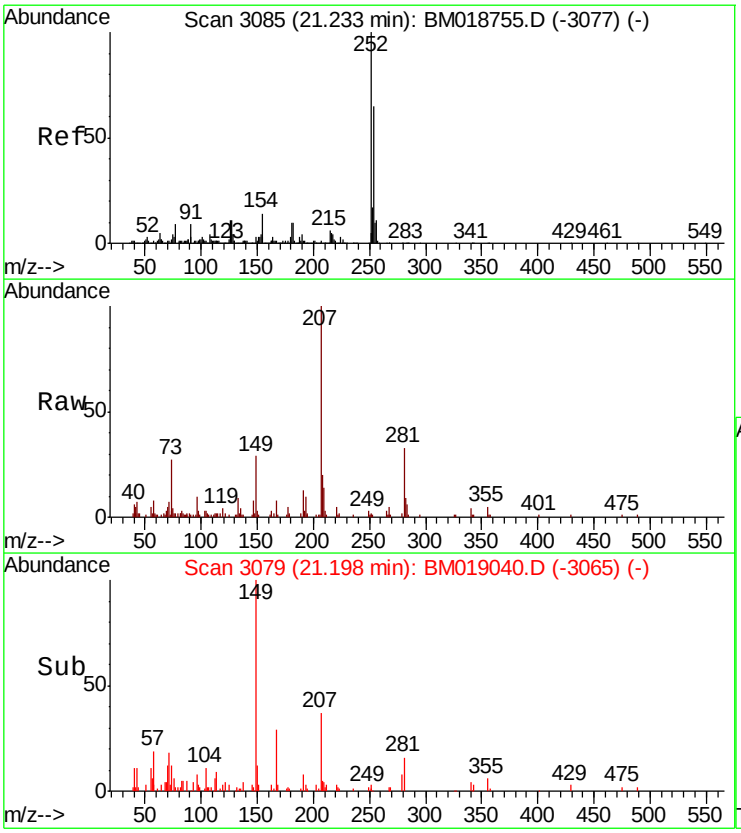
#81
Benzo(a)anthracene
Concen: 1.118 ng
RT: 21.26 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:228 Resp: 56793

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.9	32.9
229	19.8	15.9	23.9

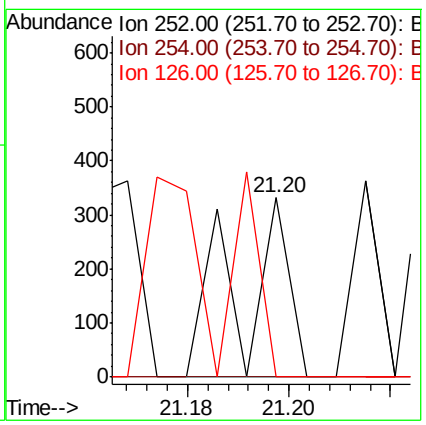


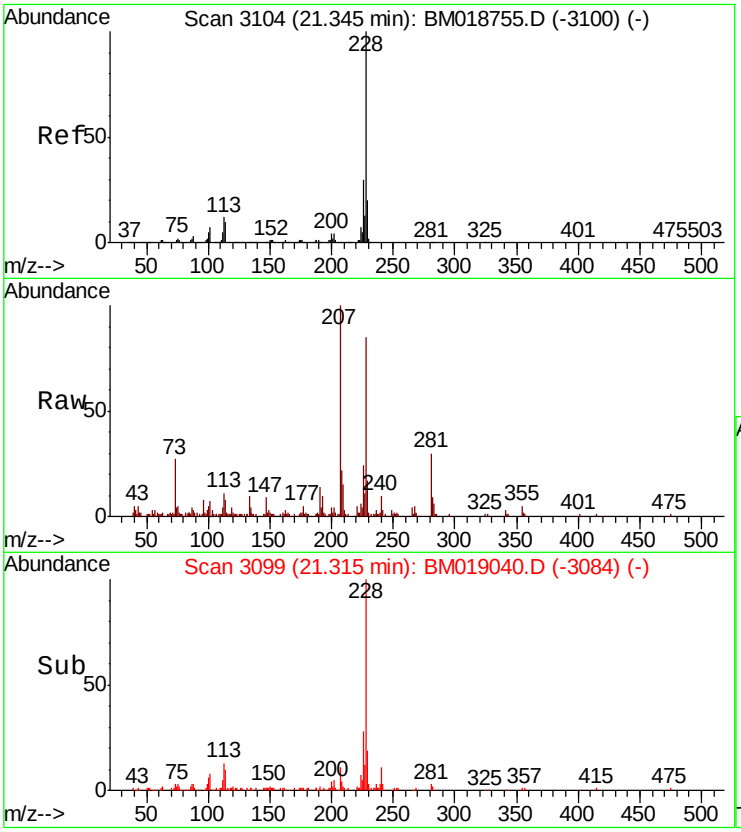


#82
3,3'-Dichlorobenzidine
Concen: 0.011 ng
RT: 21.20 min Scan# 3079
Delta R.T. -0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:252 Resp: 227

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.8	77.8#
126	0.0	9.1	13.7#



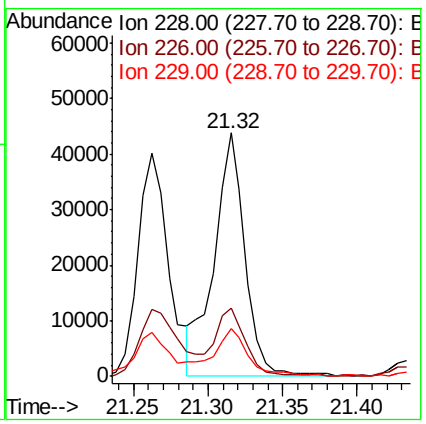


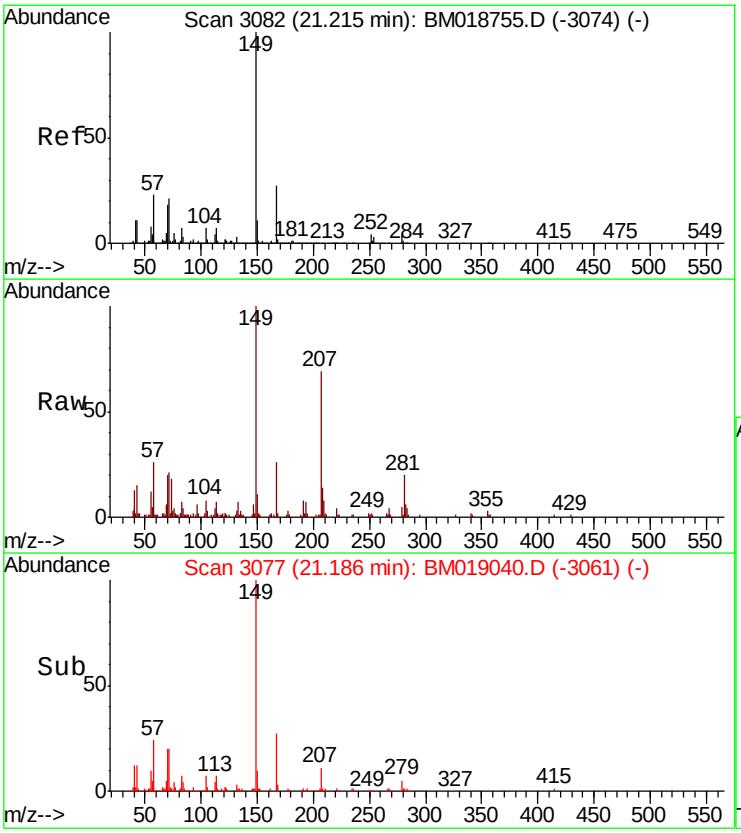
#83
Chrysene
Concen: 1.313 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:228 Resp: 63906

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.1	36.1
229	19.8	16.0	24.0

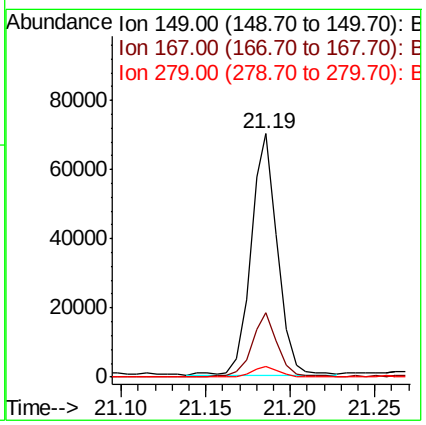


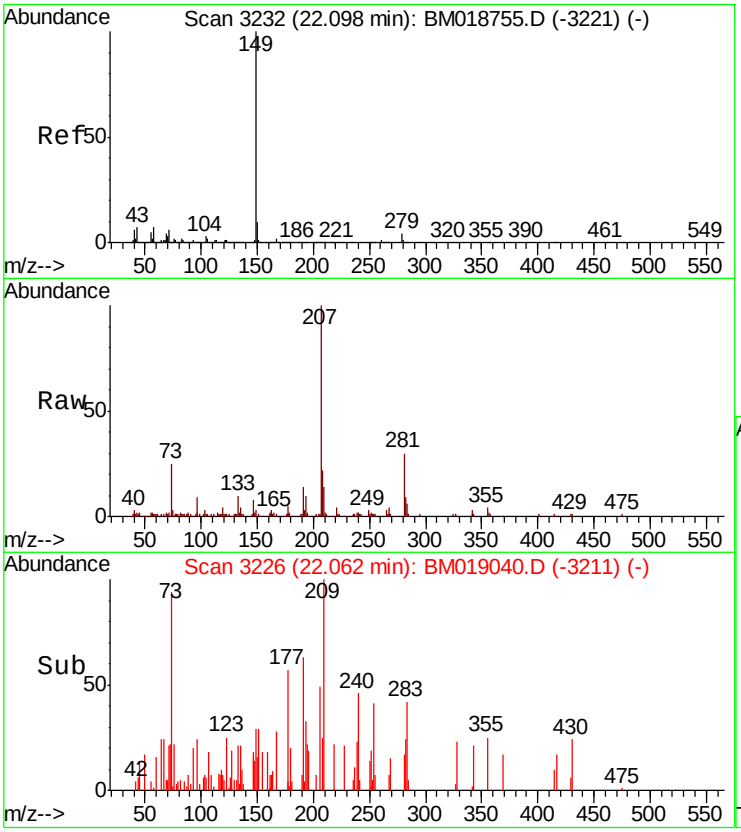


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.241 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:149 Resp: 75628

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.6
279	4.6	3.6	5.4



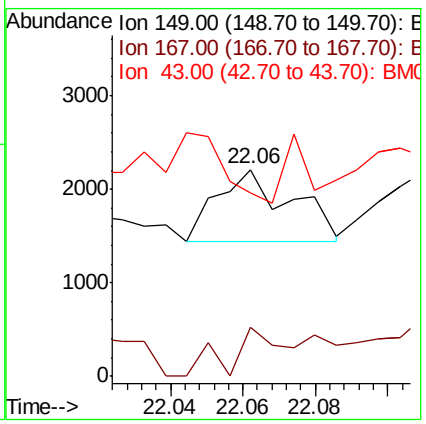


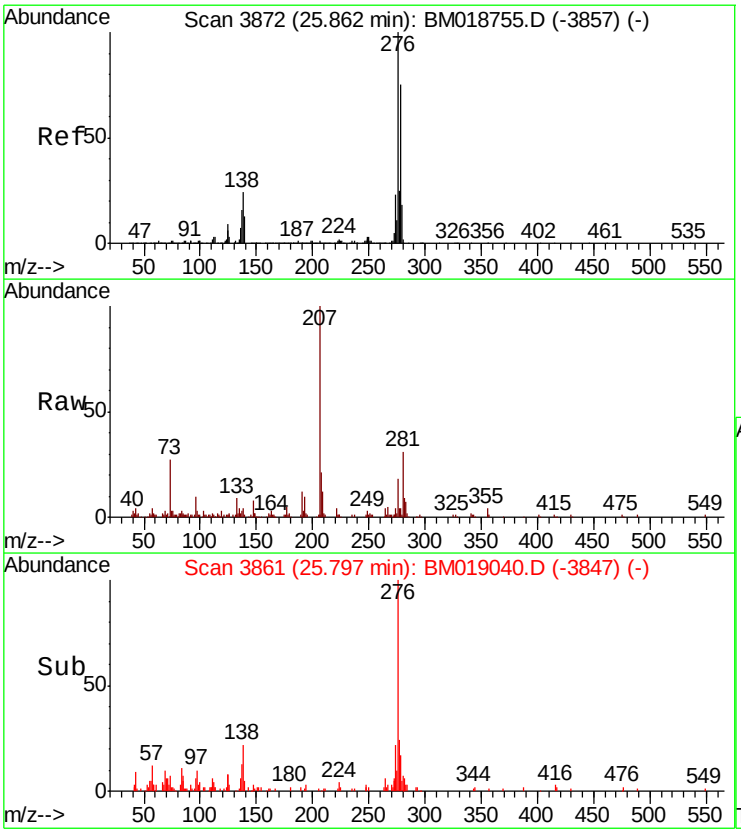
#85
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 22.06 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:149 Resp: 1089

Ion	Ratio	Lower	Upper
149	100		
167	49.3	1.3	1.9#
43	36.8	6.0	9.0#

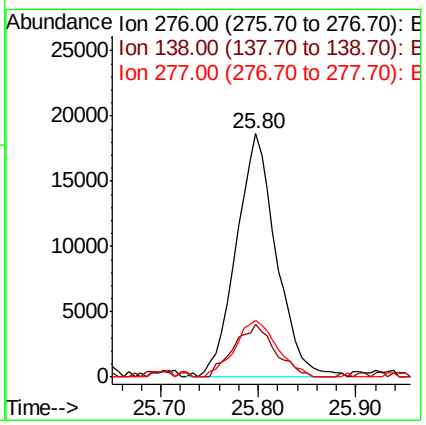


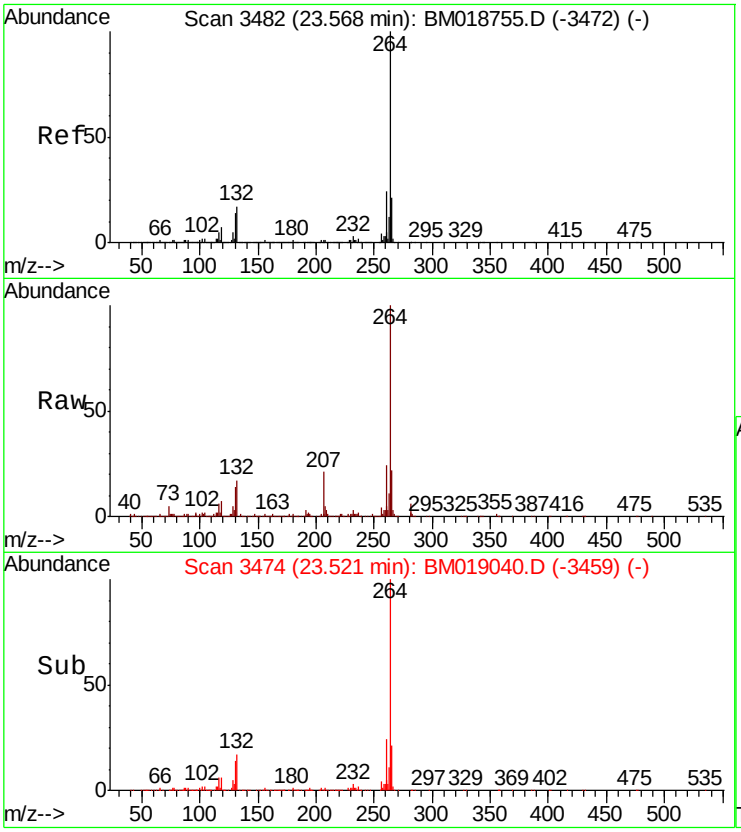


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.953 ng
RT: 25.80 min Scan# 3861
Delta R.T. -0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:276 Resp: 53537

Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.2	30.4
277	24.6	20.3	30.5



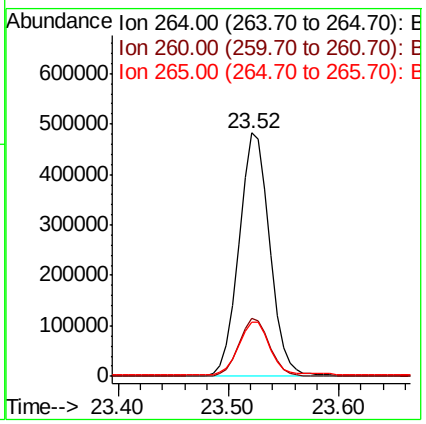


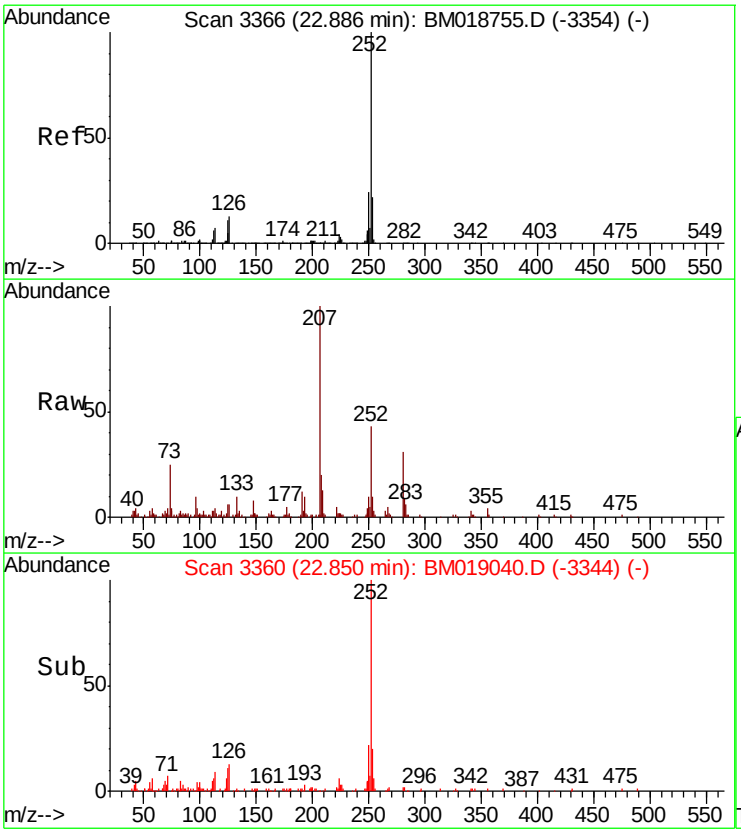
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:264 Resp: 949053

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.2	17.3	25.9

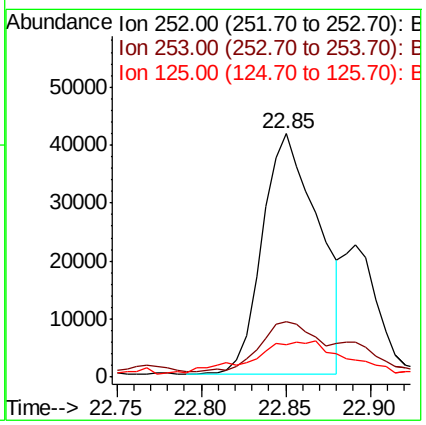


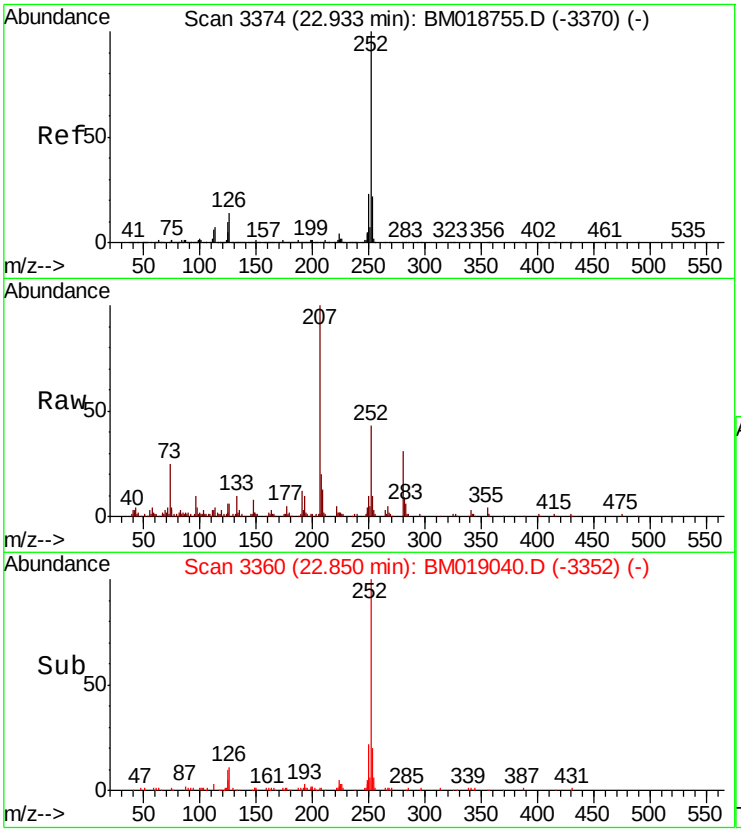


#88
Benzo(b)fluoranthene
Concen: 1.770 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:252 Resp: 96102

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.3	8.6	12.8#



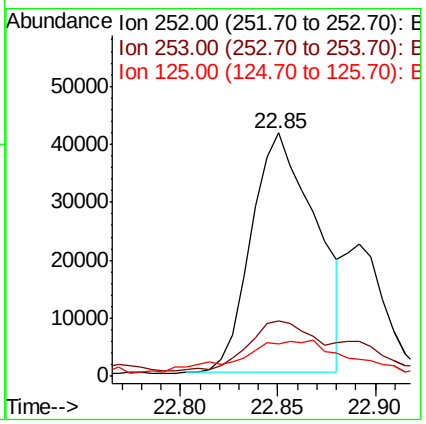


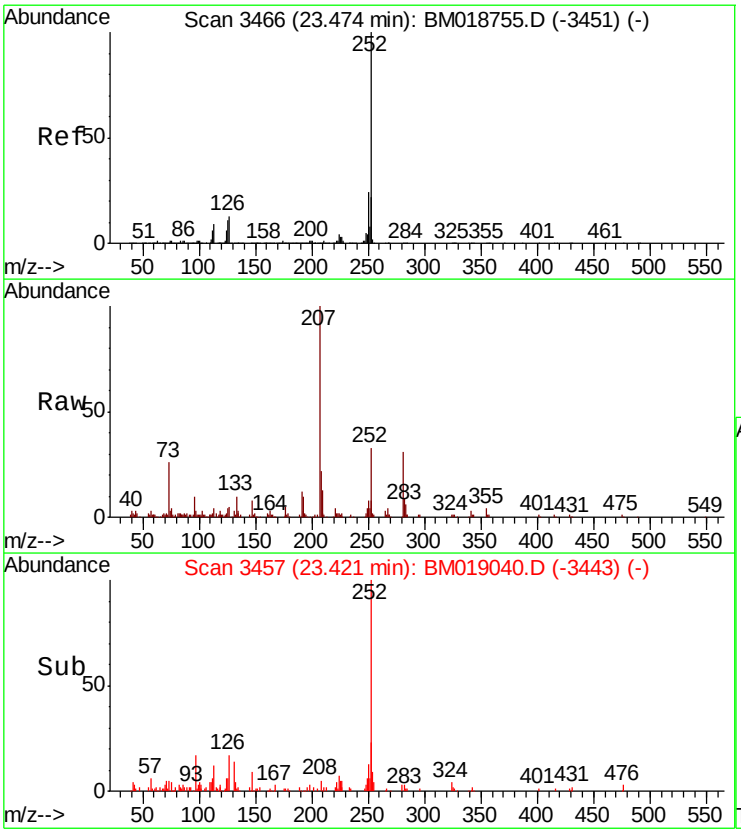
#89
Benzo(k)fluoranthene
Concen: 1.762 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:252 Resp: 95238

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.3	8.2	12.4#

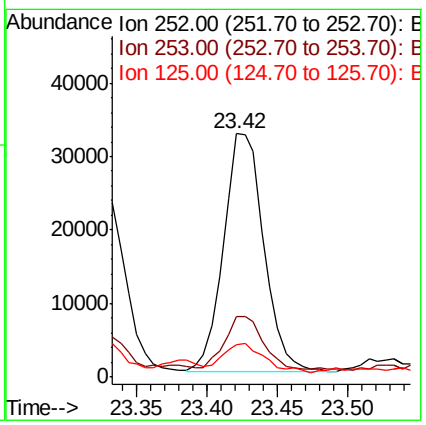


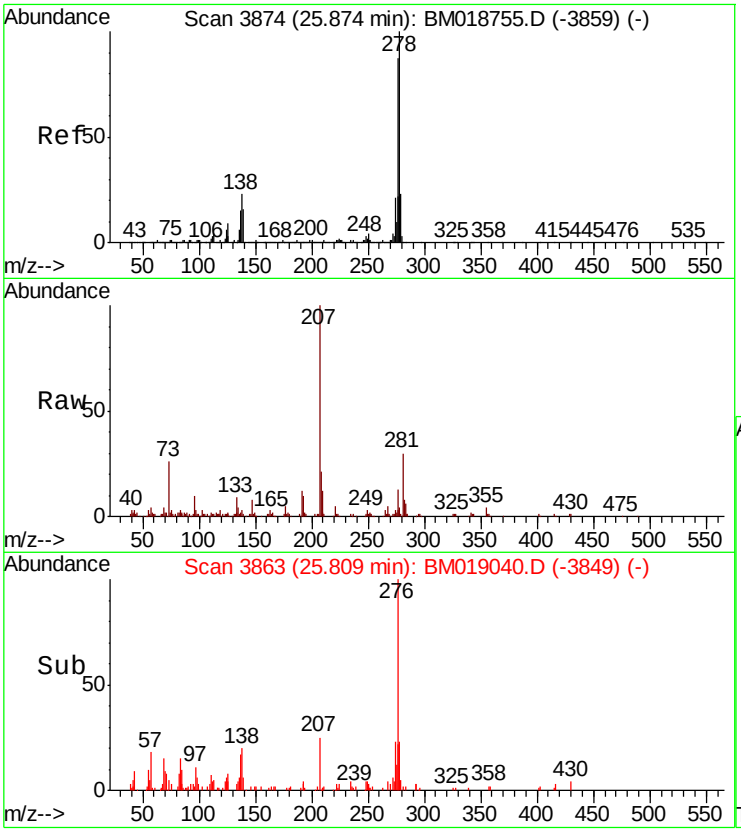


#90
Benzo(a)pyrene
Concen: 1.248 ng
RT: 23.42 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:252 Resp: 64190

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	13.4	8.6	13.0#



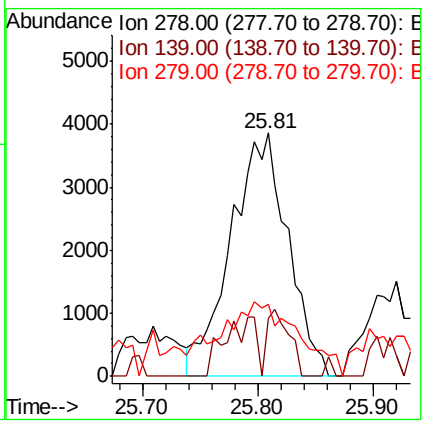


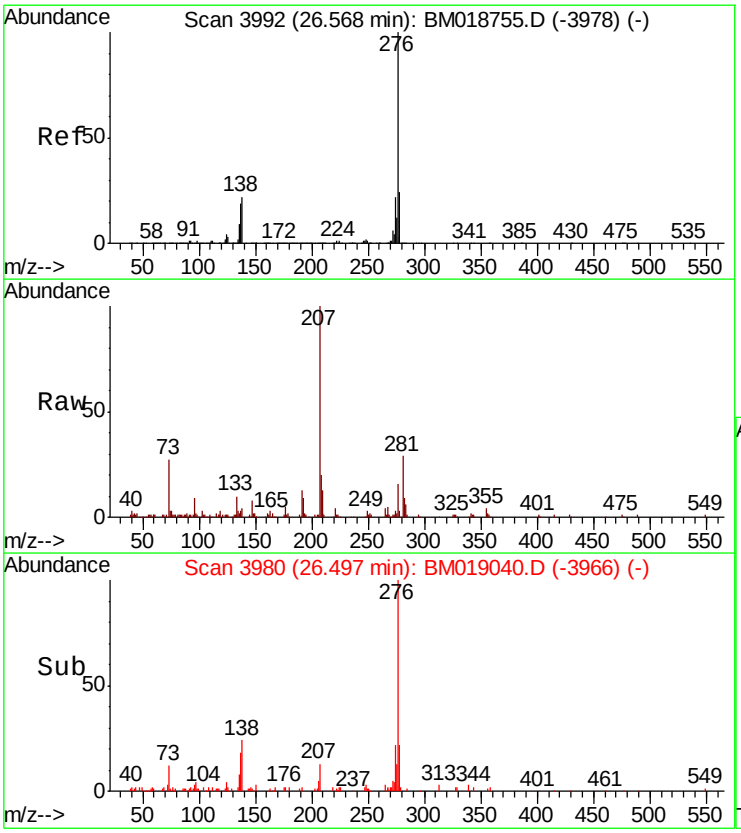
#91
Dibenzo(a,h)anthracene
Concen: 0.259 ng
RT: 25.81 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719

Tgt Ion:278 Resp: 13221

Ion	Ratio	Lower	Upper
278	100		
139	24.1	12.6	18.8#
279	29.7	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 1.113 ng
RT: 26.50 min Scan# 3980
Delta R.T. -0.02 min
Lab File: BM019040.D
Acq: 05 Mar 2019 17:13

Tgt Ion:276 Resp: 52787

Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.2	28.8
138	23.6	17.3	25.9