Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010082.D
Acq On : 19 May 2017 23:02
Operator : SJ/MA
Sample : I3202-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 20 04:03:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 14:14:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	191623	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	629650	20.00	ng		0.00
38) Acenaphthene-d10	14.60	164	378887	20.00	ng		0.00
63) Phenanthrene-d10	17.34	188	895404	20.00	ng		0.00
75) Chrysene-d12	21.50	240	1258382	20.00	ng		0.00
86) Perylene-d12	23.87	264	1259034	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1515036	142.78	ng		0.00
7) Phenol-d6	7.16	99	1716586	125.72	ng		0.00
23) Nitrobenzene-d5	9.16	82	1231626	105.53	ng		0.00
41) 2,4,6-Tribromophenol	16.09	330	853876	148.38	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	3116365	105.74	ng		0.00
78) Terphenyl-d14	19.95	244	5142379	92.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	153	0.03	ng	#	100
3) Pyridine	3.86	79	260	0.02	ng	#	1
4) n-Nitrosodimethylamine	3.77	42	447	0.09	ng	#	17
8) 2-Chlorophenol	7.55	128	200	0.02	ng	#	1
9) Benzaldehyde	7.16	77	5262	0.62	ng	#	11
10) Phenol	7.19	94	334	0.02	ng	#	1
14) 1,2-Dichlorobenzene	8.32	146	122	0.01	ng	#	1
15) Benzyl Alcohol	8.29	79	26210	2.54	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	8.48	45	801	0.08	ng		66
22) Acetophenone	8.81	105	861	0.05	ng	#	46
24) Nitrobenzene	9.21	77	337	0.03	ng	#	42
25) Isophorone	9.74	82	110	0.01	ng	#	62
31) Naphthalene	10.83	128	418860	12.44	ng		99
37) 2-Methylnaphthalene	12.43	142	25070	1.03	ng	#	88
45) 1,1'-Biphenyl	13.44	154	12927	0.41	ng		98
47) 2-Nitroaniline	13.72	65	116	0.02	ng	#	1
48) Acenaphthylene	14.33	152	46620	1.25	ng		99
49) Dimethylphthalate	14.08	163	247	0.01	ng	#	77
51) Acenaphthene	14.67	154	10632	0.46	ng		90
54) Dibenzofuran	15.00	168	6037	0.17	ng	#	82
55) 4-Nitrophenol	15.00	139	2544	0.53	ng	#	18
57) Fluorene	15.64	166	14245	0.45	ng		95
59) Diethylphthalate	15.42	149	3098	0.10	ng	#	85
62) Azobenzene	15.93	77	567	0.02	ng	#	27
65) n-Nitrosodiphenylamine	15.87	169	2157	0.08	ng		95
67) Hexachlorobenzene	16.59	284	116	0.01	ng	#	47
69) Pentachlorophenol	16.96	266	123	0.02	ng	#	19
70) Phenanthrene	17.39	178	31356	0.63	ng		97
71) Anthracene	17.49	178	2852	0.06	ng	#	62
72) Carbazole	17.77	167	10015	0.23	ng		94
73) Di-n-butylphthalate	18.29	149	6997	0.13	ng	#	96
74) Fluoranthene	19.39	202	4190	0.06	ng		89
76) Benzidine	19.55	184	112	0.00	ng	#	68
77) Pyrene	19.75	202	3339	0.05	ng	#	67

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010082.D
Acq On : 19 May 2017 23:02
Operator : SJ/MA
Sample : I3202-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 20 04:03:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 14:14:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Butylbenzylphthalate	20.62	149	539	0.02	ng	#	66
80) Benzo(a)anthracene	21.50	228	5297	0.08	ng	#	86
81) 3,3'-Dichlorobenzidine	21.42	252	1285	0.05	ng	#	71
82) Chrysene	21.54	228	1069	0.02	ng	#	76
83) Bis(2-ethylhexyl)phthalate	21.38	149	2892	0.08	ng	#	72
84) Di-n-octyl phthalate	22.30	149	1392	0.02	ng	#	21
85) Indeno(1,2,3-cd)pyrene	26.30	276	9111	0.09	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	2807	0.04	ng	#	1
88) Benzo(k)fluoranthene	23.20	252	3287	0.05	ng	#	1
89) Benzo(a)pyrene	23.77	252	4102	0.06	ng	#	1
90) Dibenzo(a,h)anthracene	26.30	278	1552	0.02	ng	#	1
91) Benzo(g,h,i)perylene	27.05	276	9459	0.12	ng	#	63

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
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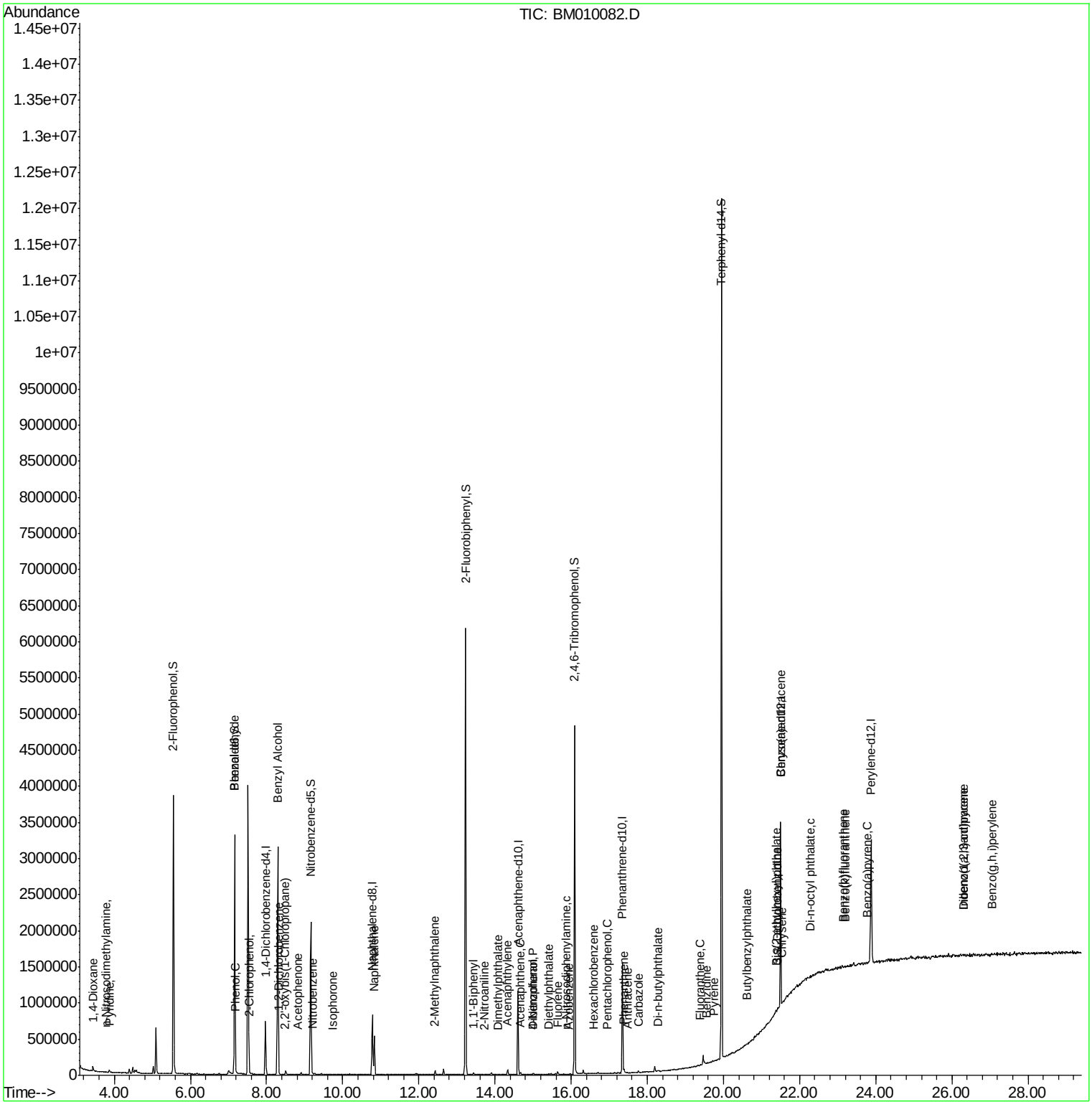
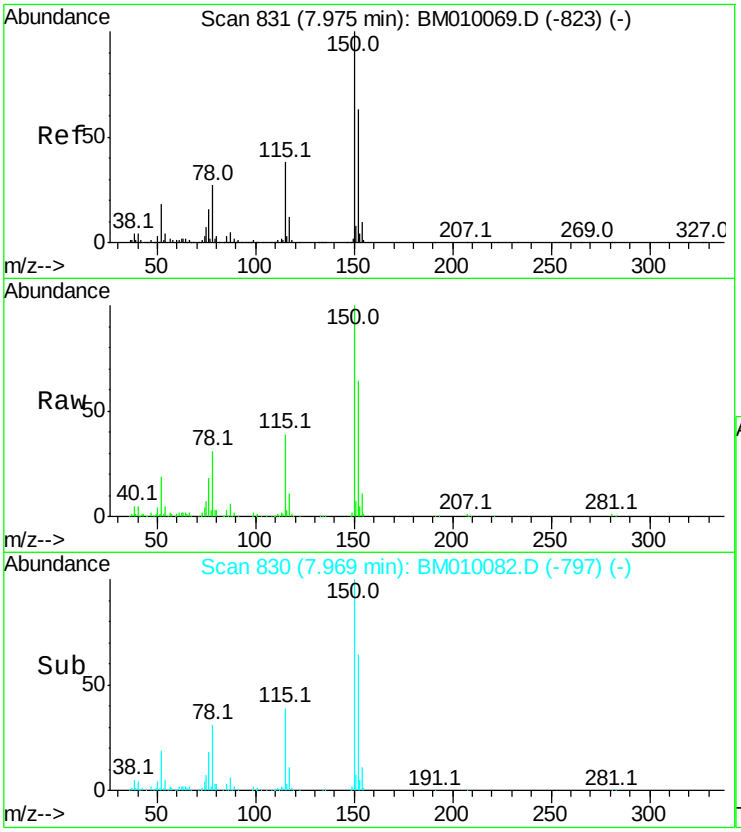


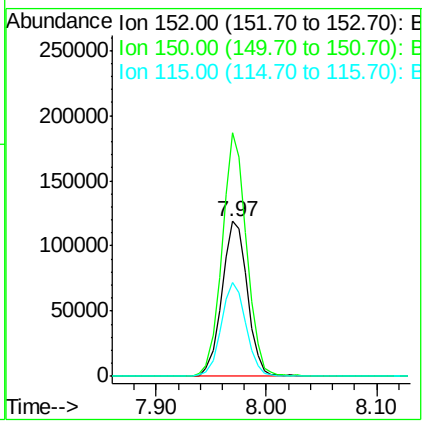


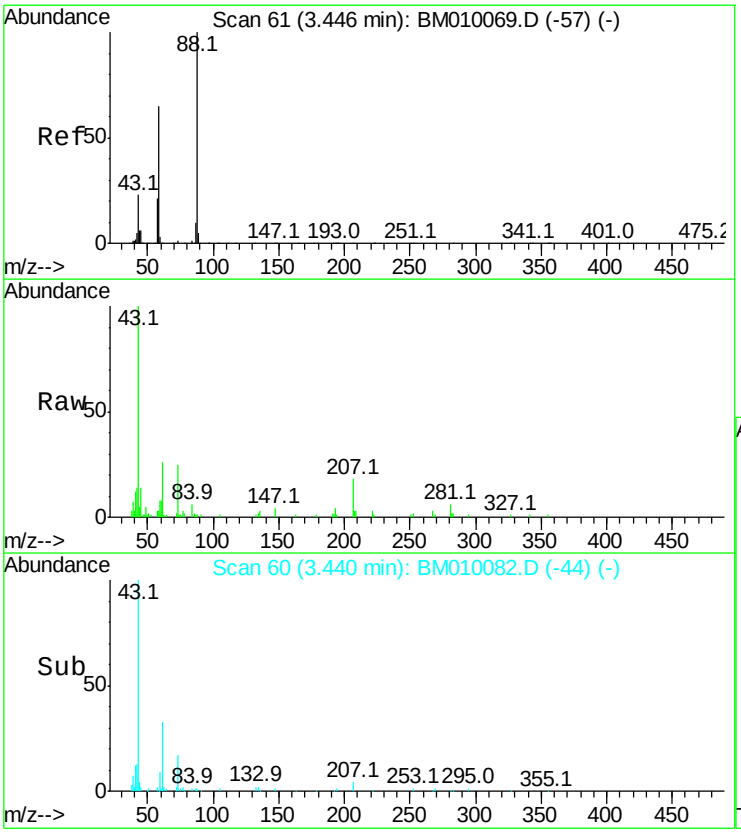
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 191623

Ion	Ratio	Lower	Upper
152	100		
150	157.3	119.5	179.3
115	61.0	43.0	64.4

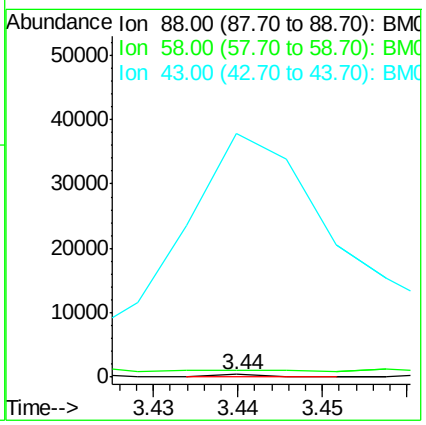


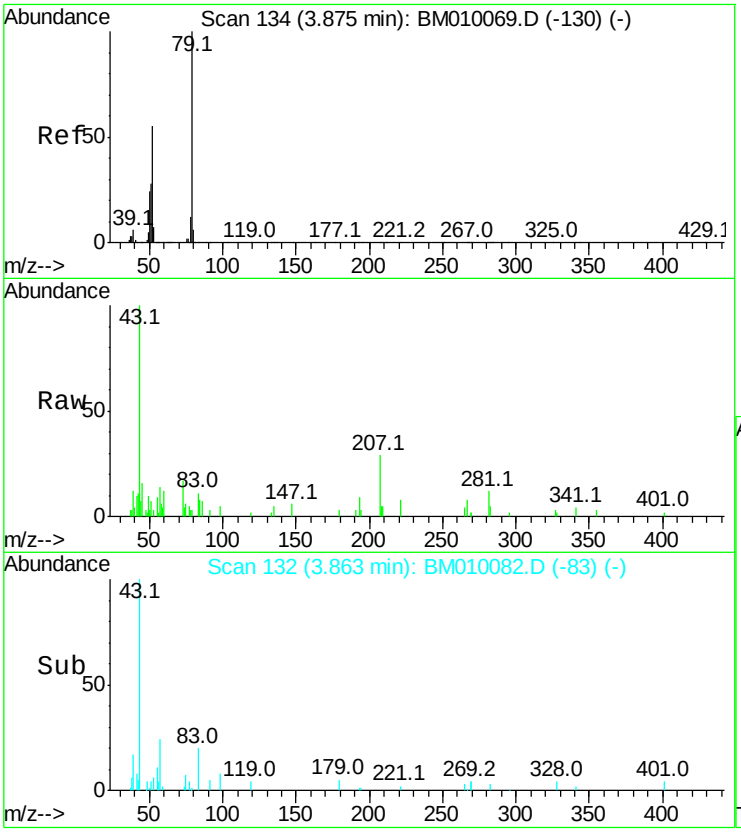


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 88 Resp: 153

Ion	Ratio	Lower	Upper
88	100		
58	562.7	0.0	0.0#
43	26917.6	0.0	0.0#



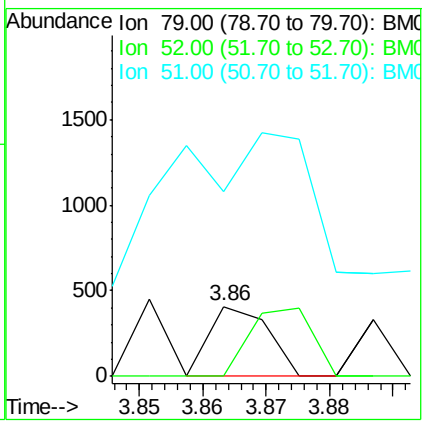


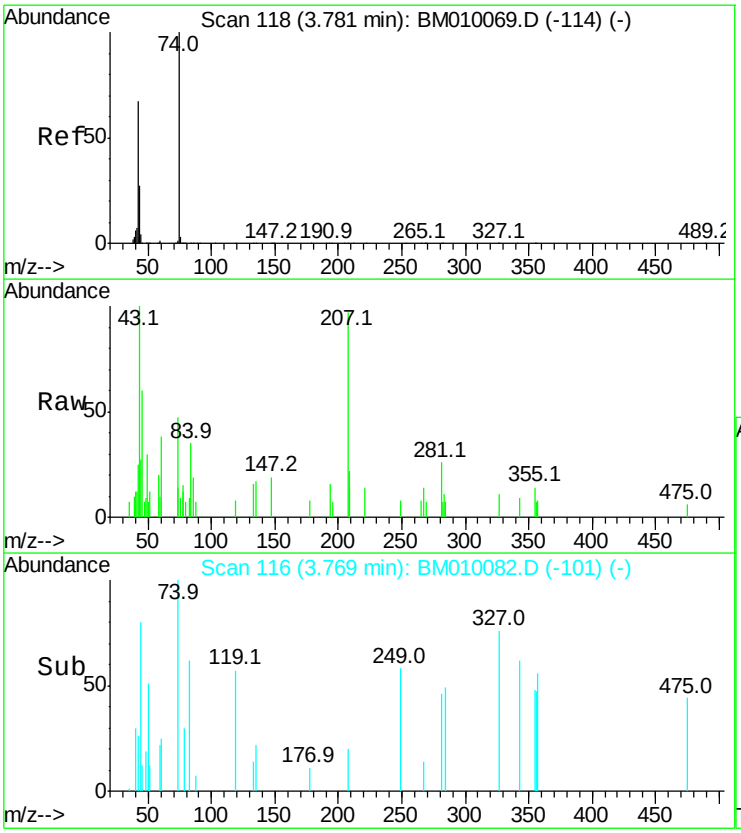
#3
Pyridine
Concen: 0.02 ng
RT: 3.86 min Scan# 132
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 260

Ion	Ratio	Lower	Upper
79	100		
52	0.0	51.1	76.7#
51	265.8	26.1	39.1#

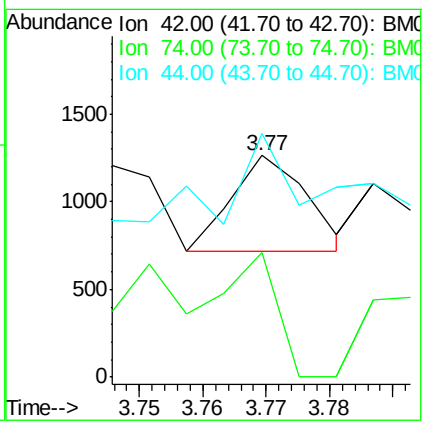


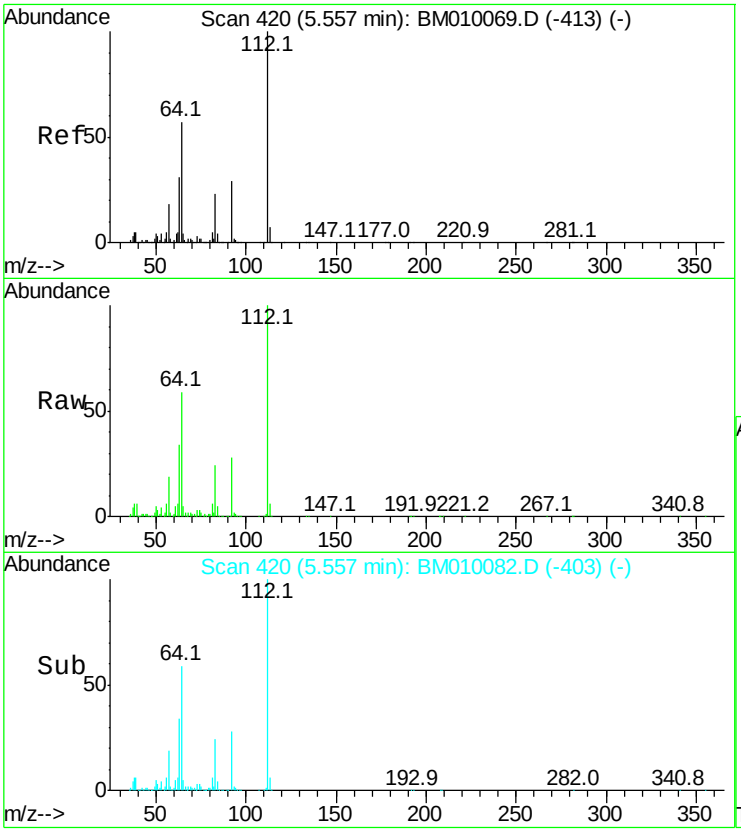


#4
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.77 min Scan# 116
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 42 Resp: 447

Ion	Ratio	Lower	Upper
42	100		
74	56.4	119.3	178.9#
44	109.8	5.4	8.2#



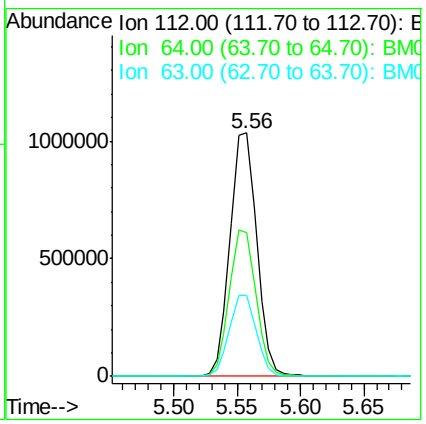


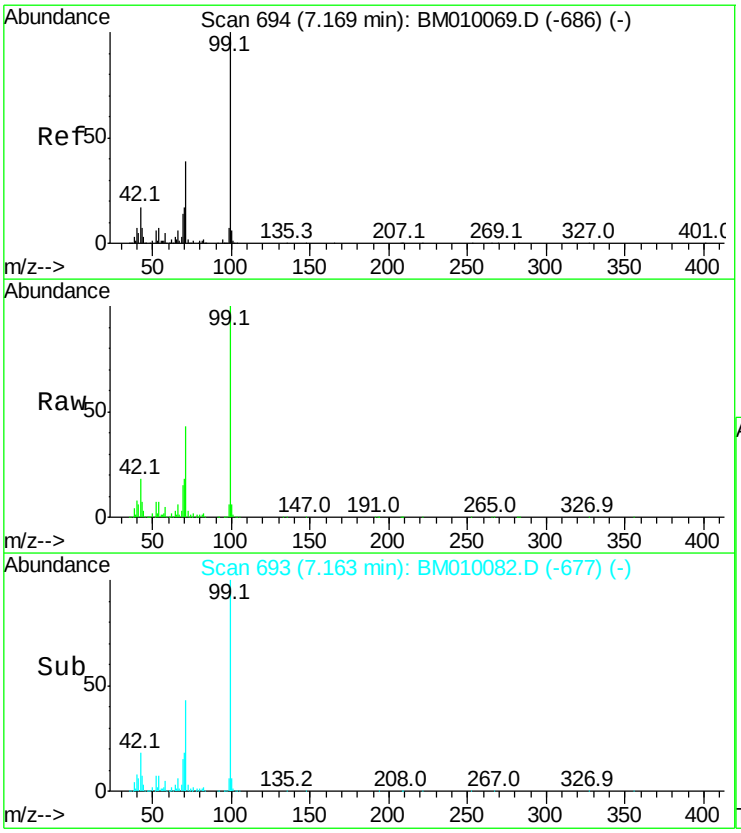
#5
2-Fluorophenol
Concen: 142.78 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:112 Resp: 1515036

Ion	Ratio	Lower	Upper
112	100		
64	59.0	38.6	57.8#
63	33.5	19.3	28.9#

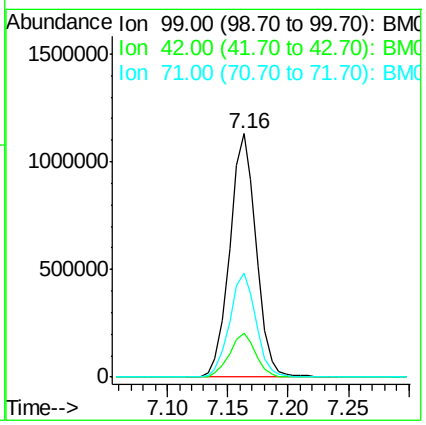


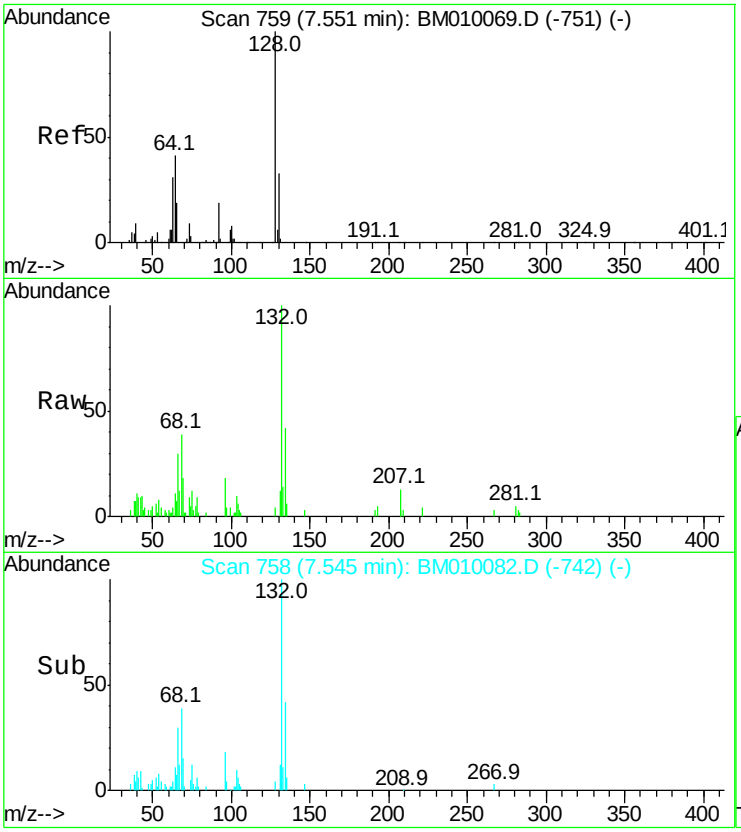


#7
Phenol-d6
Concen: 125.72 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 99 Resp: 1716586

Ion	Ratio	Lower	Upper
99	100		
42	17.9	11.0	16.4#
71	42.9	23.4	35.2#



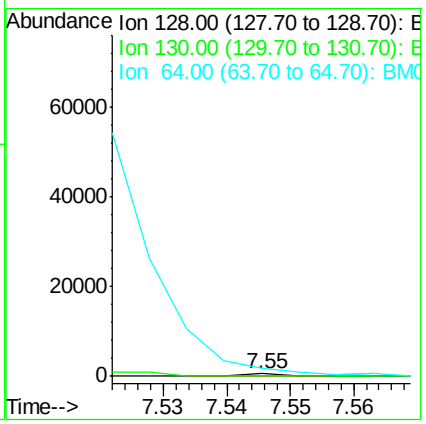


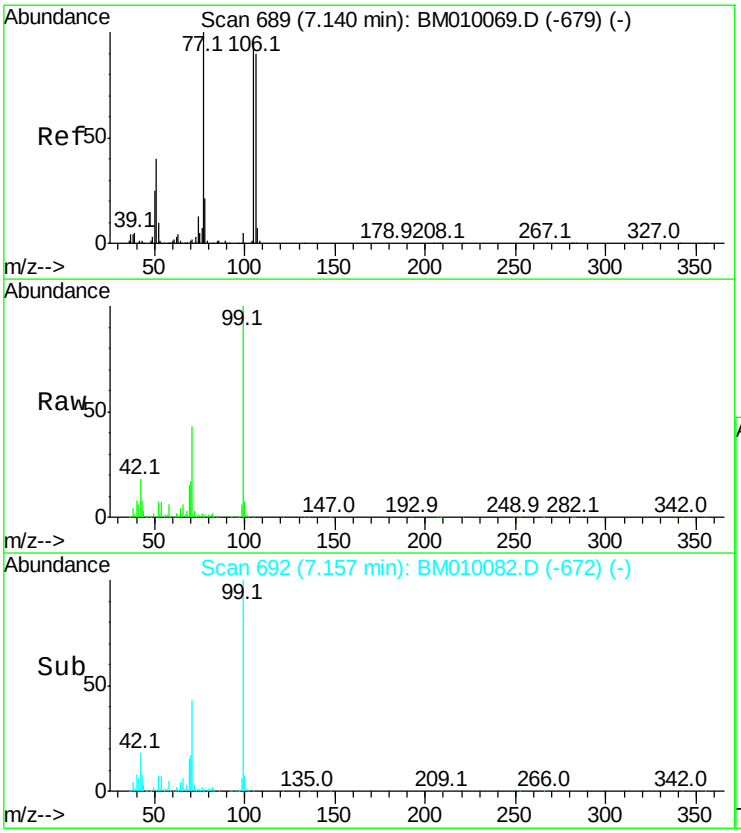
#8
2-Chlorophenol
Concen: 0.02 ng
RT: 7.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 200

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	309.4	24.9	64.9#

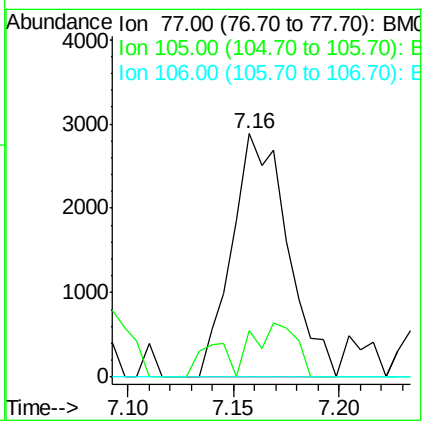


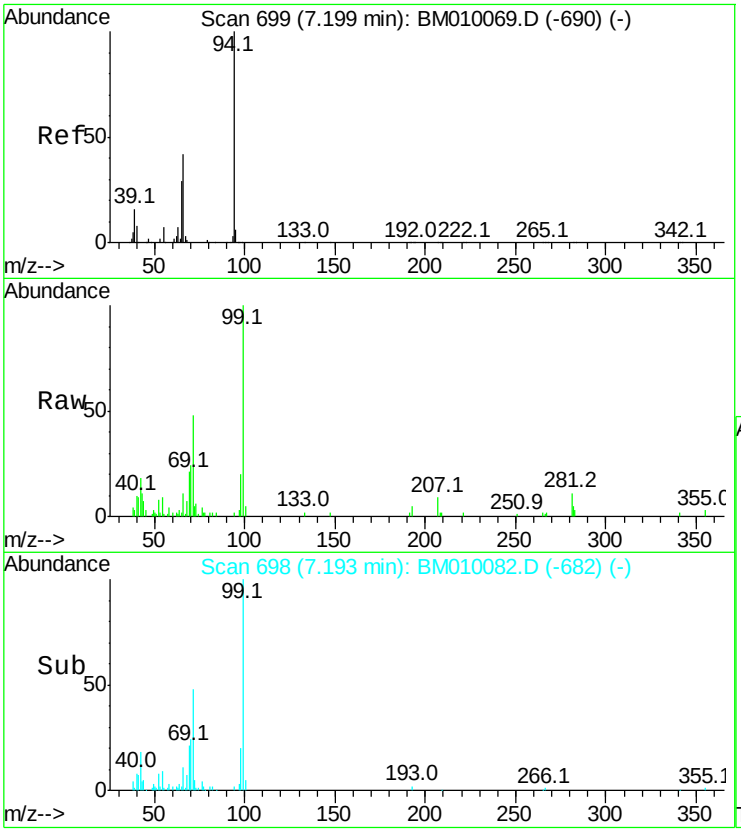


#9
Benzaldehyde
Concen: 0.62 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.02 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 77 Resp: 5262

Ion	Ratio	Lower	Upper
77	100		
105	18.8	78.8	118.8#
106	0.0	73.7	113.7#



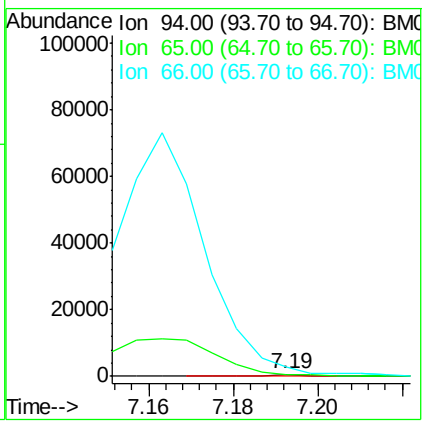


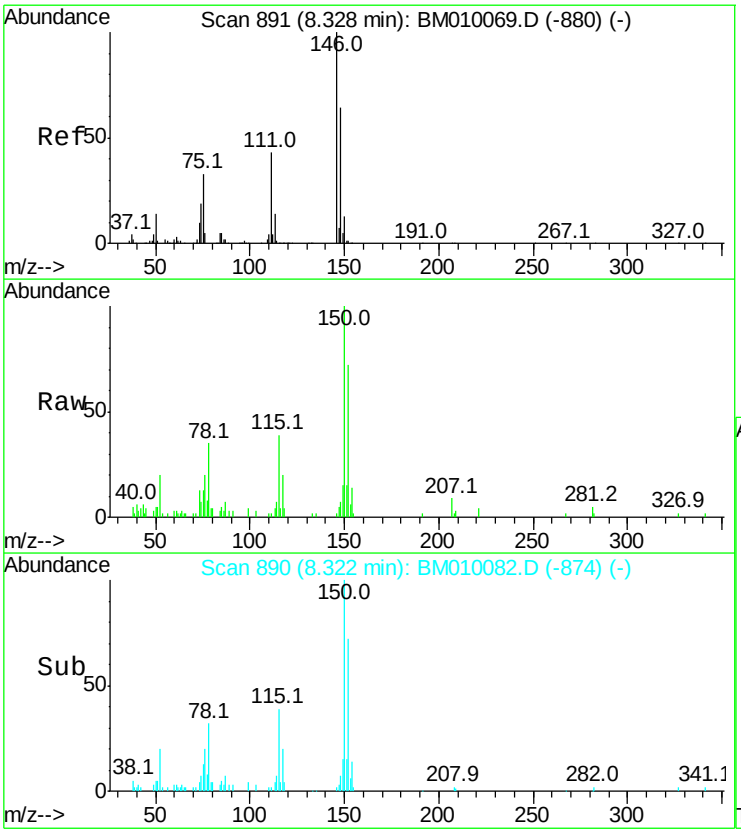
#10
Phenol
Concen: 0.02 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 334

Ion	Ratio	Lower	Upper
94	100		
65	80.8	18.8	58.8#
66	447.0	39.9	79.9#

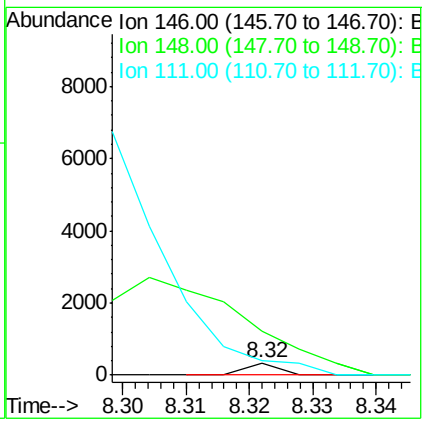


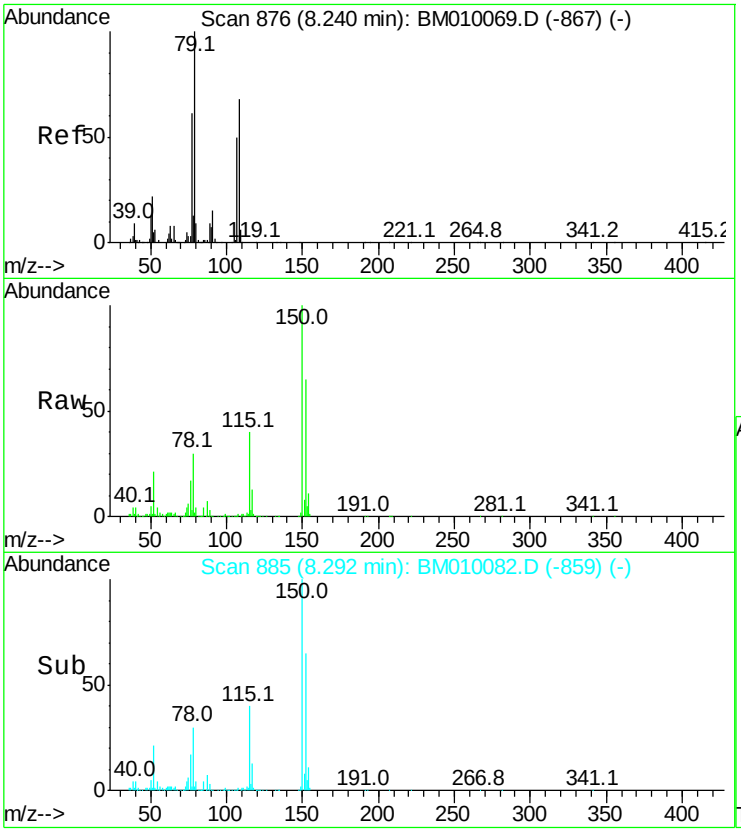


#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:146 Resp: 122

Ion	Ratio	Lower	Upper
146	100		
148	354.0	52.3	78.5#
111	119.1	30.6	45.8#



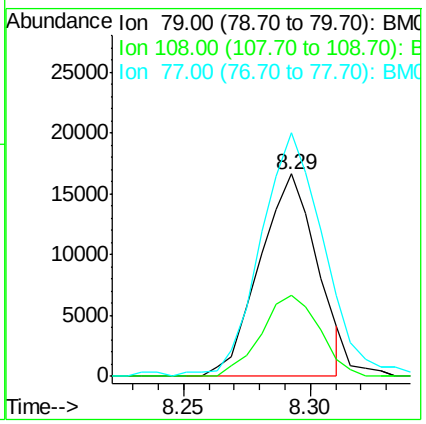


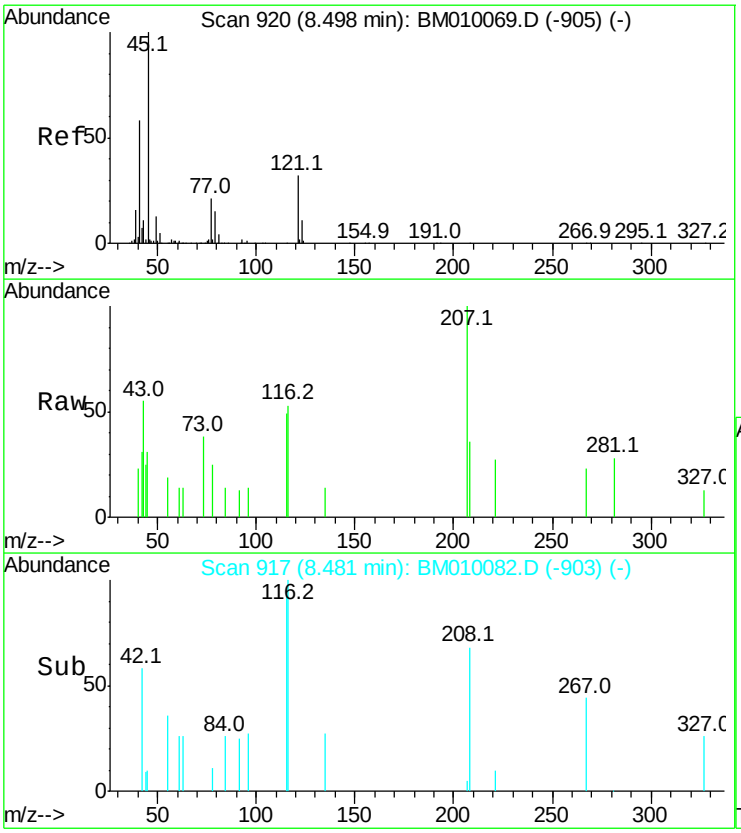
#15
Benzyl Alcohol
Concen: 2.54 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.05 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 79 Resp: 26210

Ion	Ratio	Lower	Upper
79	100		
108	39.9	65.0	97.4#
77	120.4	53.0	79.6#

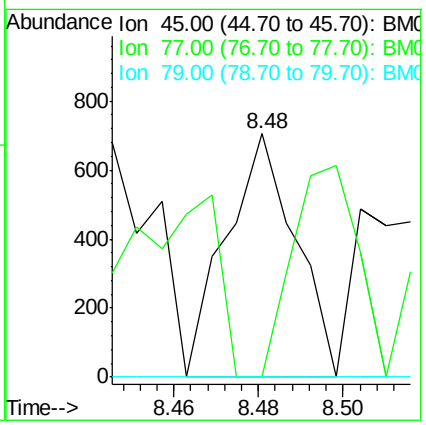


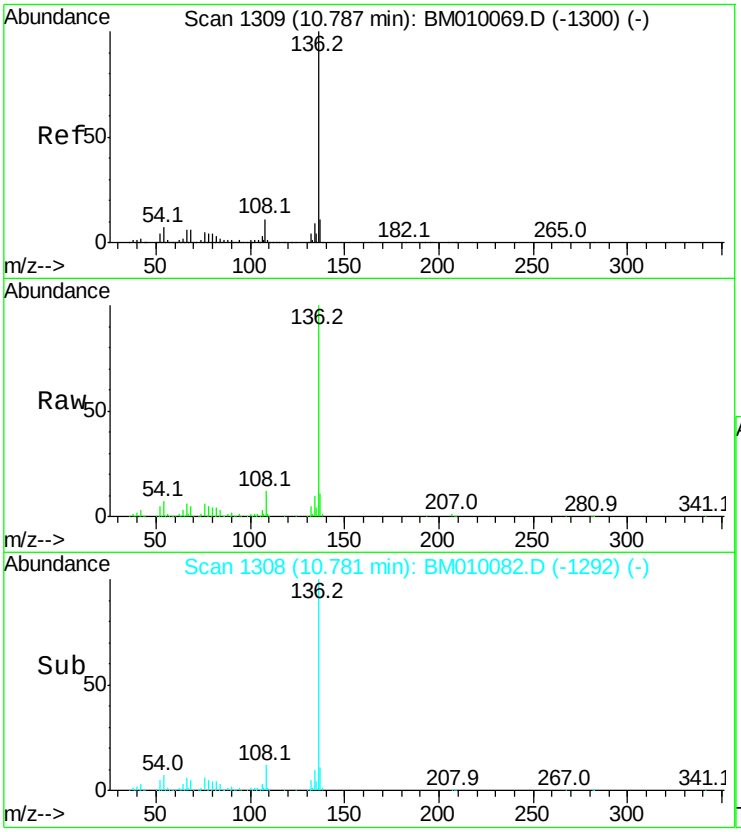


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.08 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 45 Resp: 801

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	32.0



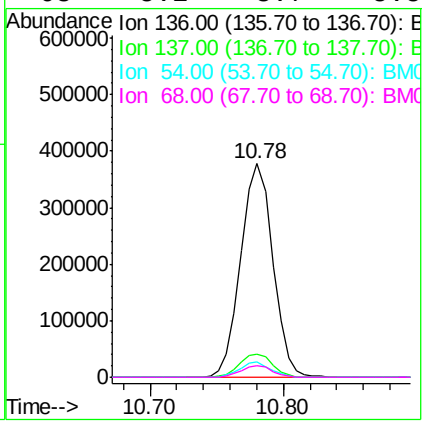


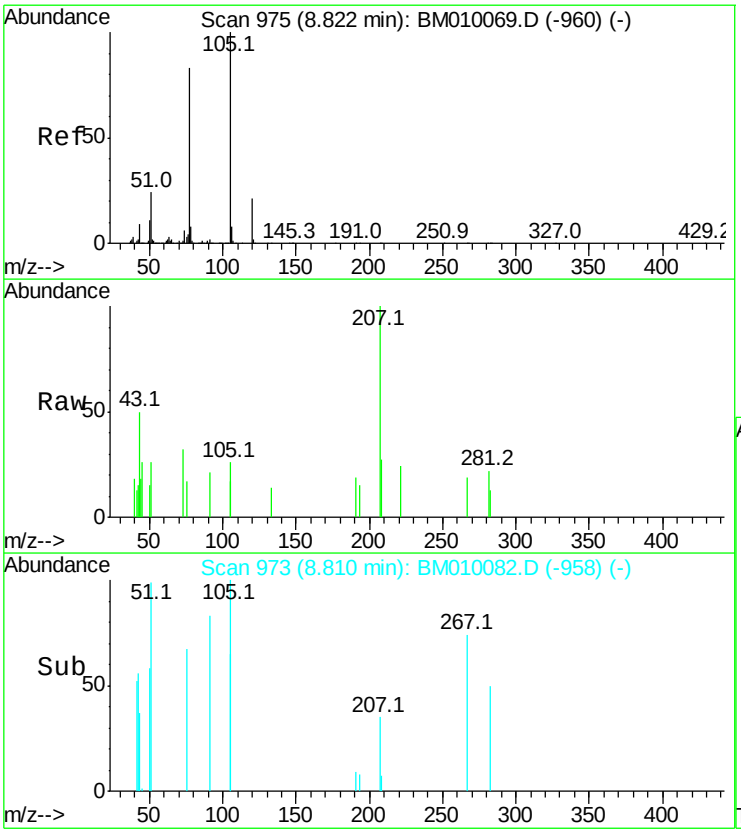
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 629650

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.9	4.6	6.8#
68	5.2	3.7	5.5

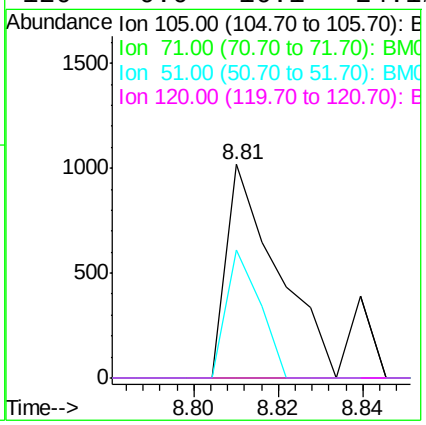


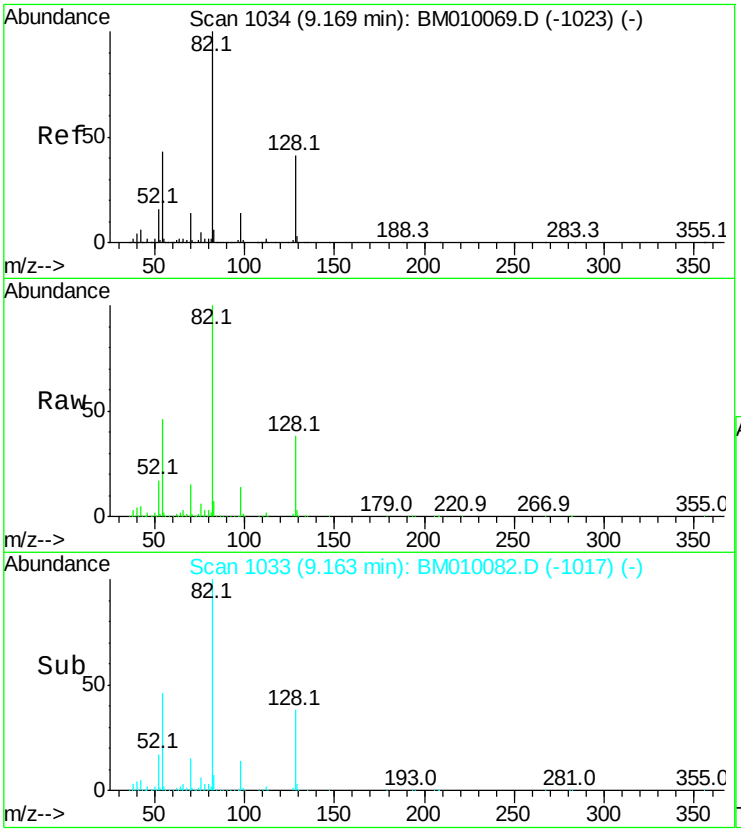


#22
Acetophenone
Concen: 0.05 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:105 Resp: 861

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	60.0	21.6	32.4#
120	0.0	16.1	24.1#



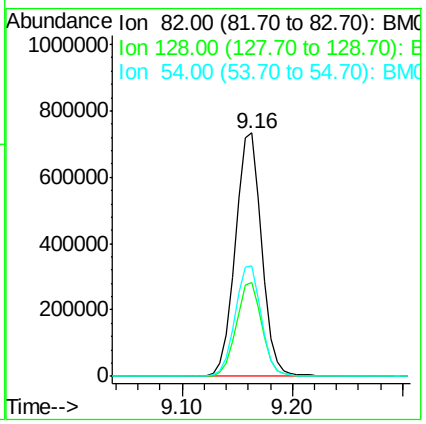


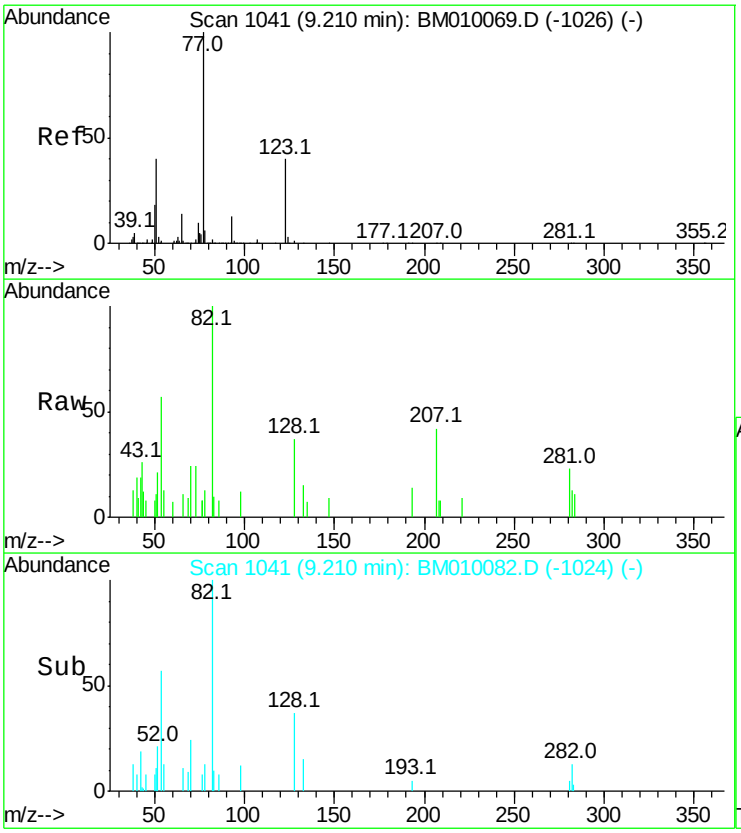
#23
Nitrobenzene-d5
Concen: 105.53 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1231626

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.8	49.2
54	45.6	40.6	60.8

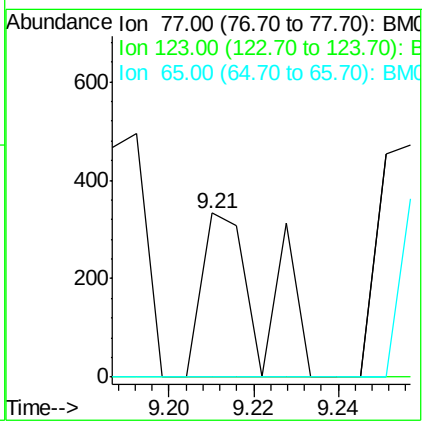


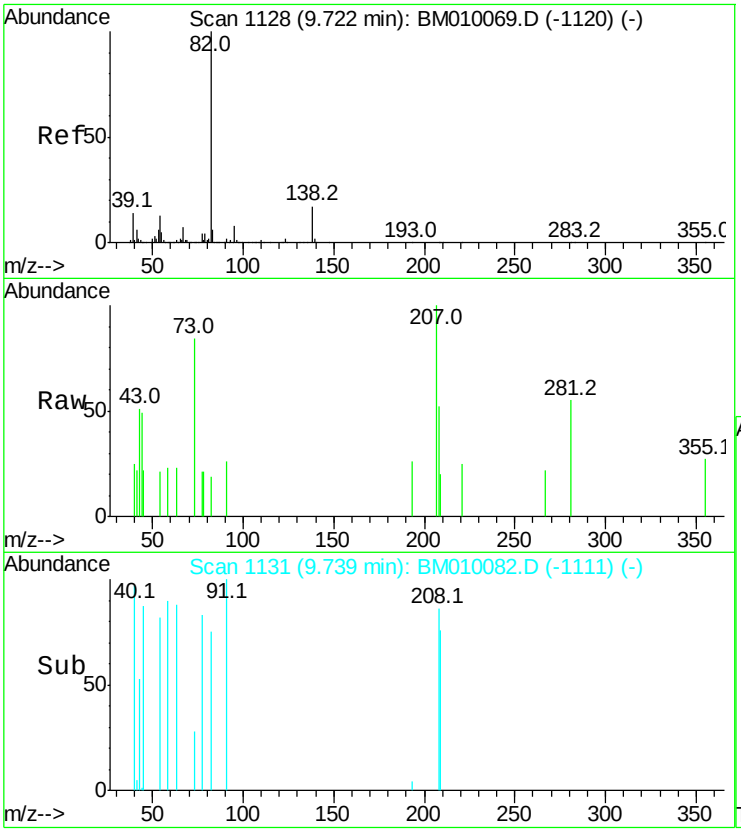


#24
Nitrobenzene
Concen: 0.03 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 77 Resp: 337

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



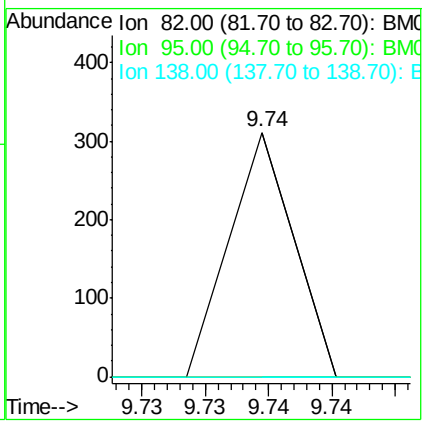


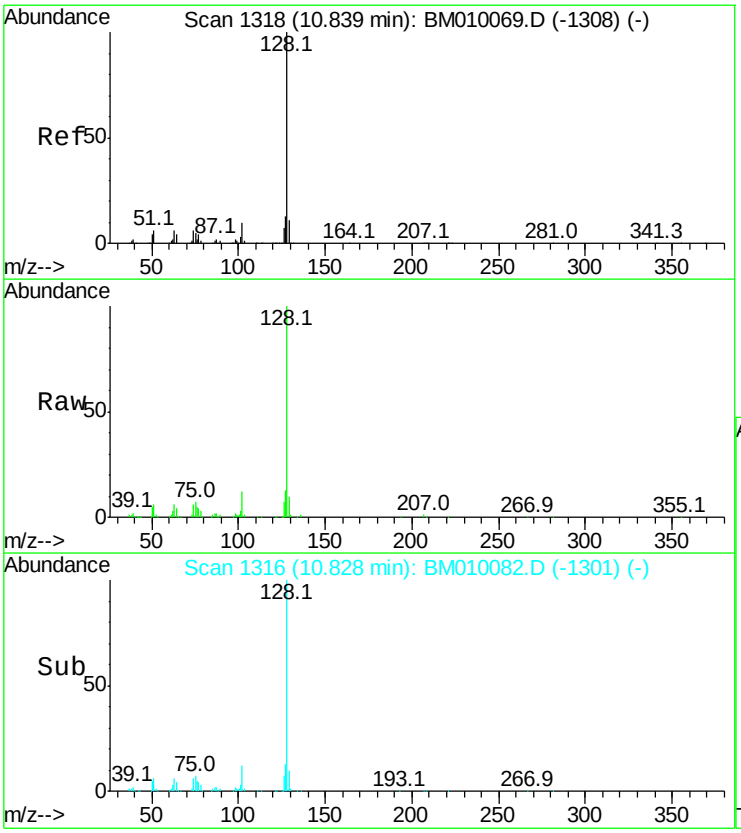
#25
Isophorone
Concen: 0.01 ng
RT: 9.74 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 110

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.3	24.5#

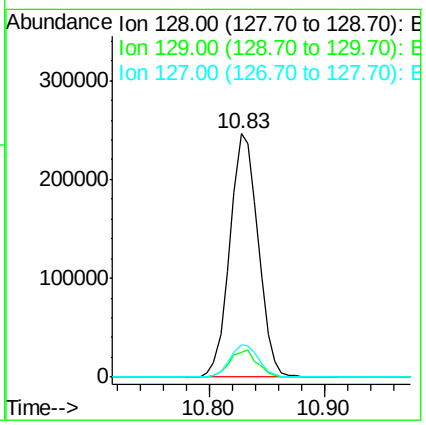


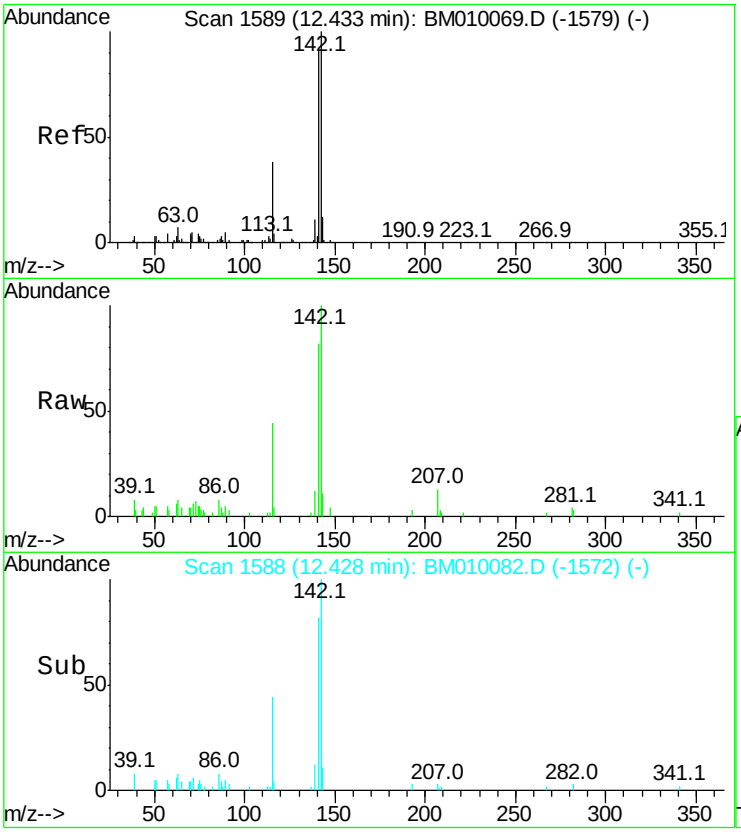


#31
Naphthalene
Concen: 12.44 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:128 Resp: 418860

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	13.2	10.4	15.6



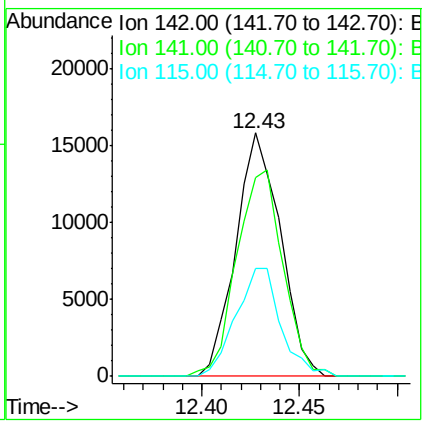


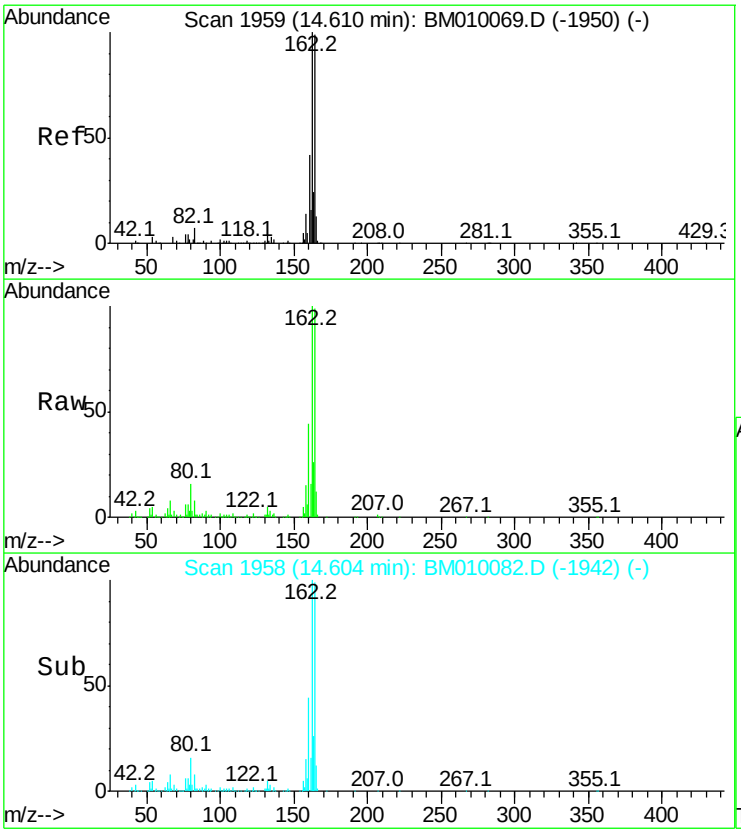
#37
2-Methylnaphthalene
Concen: 1.03 ng
RT: 12.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 25070

Ion	Ratio	Lower	Upper
142	100		
141	81.7	71.9	107.9
115	44.1	25.4	38.0#

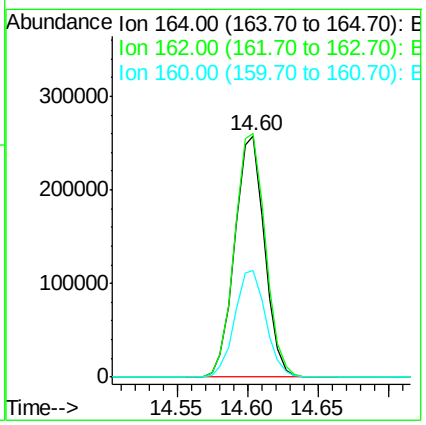


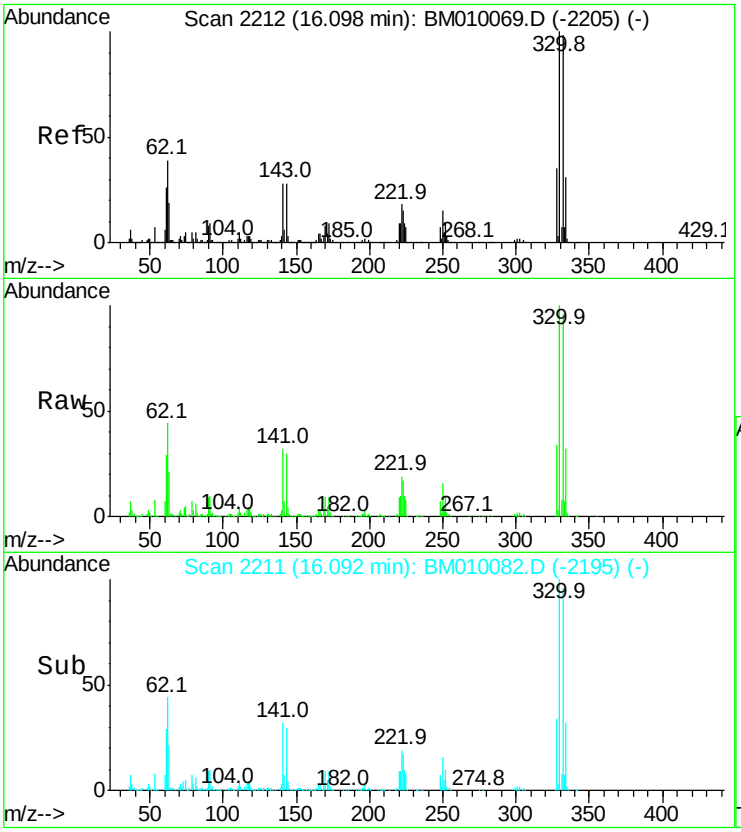


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:164 Resp: 378887

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	43.9	35.8	53.6



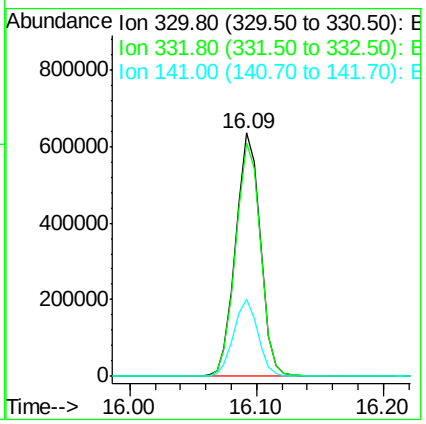


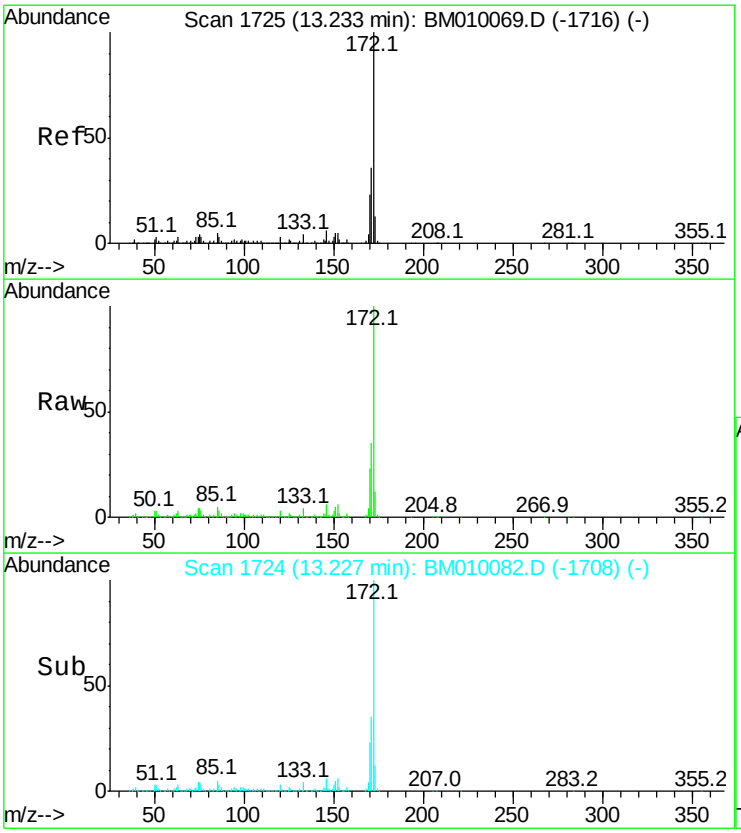
#41
2,4,6-Tribromophenol
Concen: 148.38 ng
RT: 16.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 853876

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	31.1	0.0	0.0#

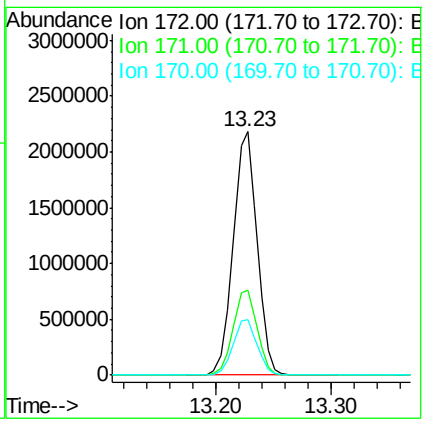


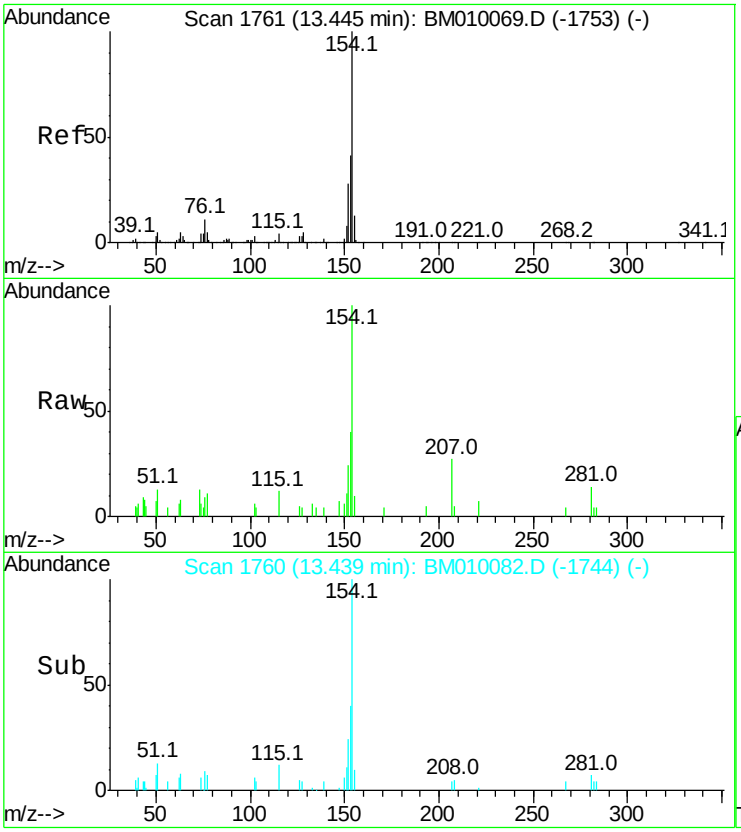


#44
2-Fluorobiphenyl
Concen: 105.74 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:172 Resp: 3116365

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.7	18.8	28.2



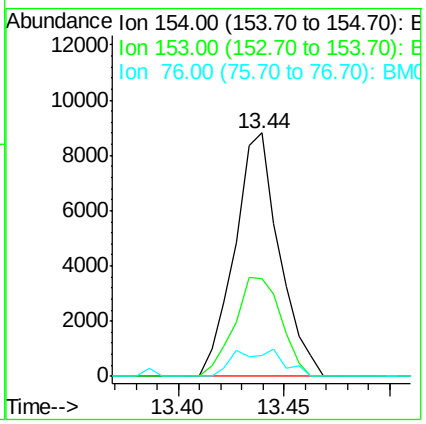


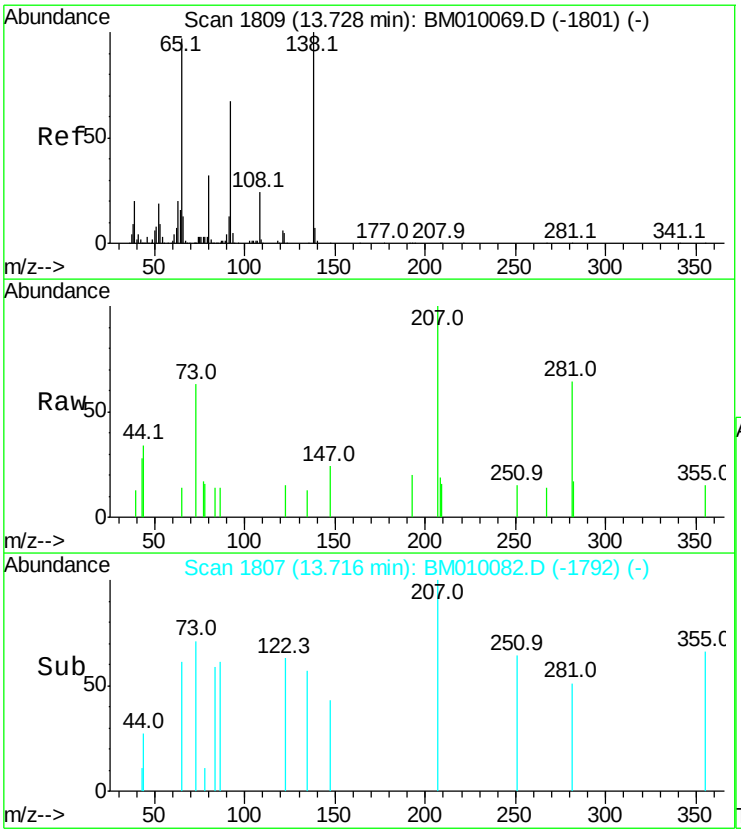
#45
1,1'-Biphenyl
Concen: 0.41 ng
RT: 13.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 12927

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	8.7	0.0	30.9

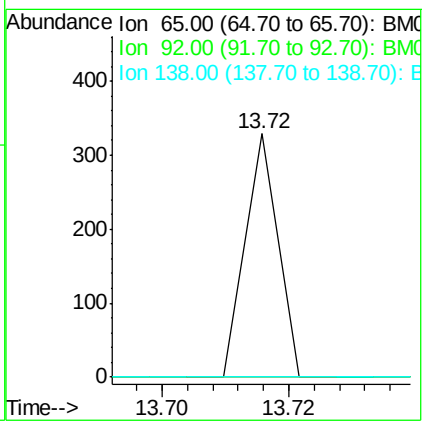


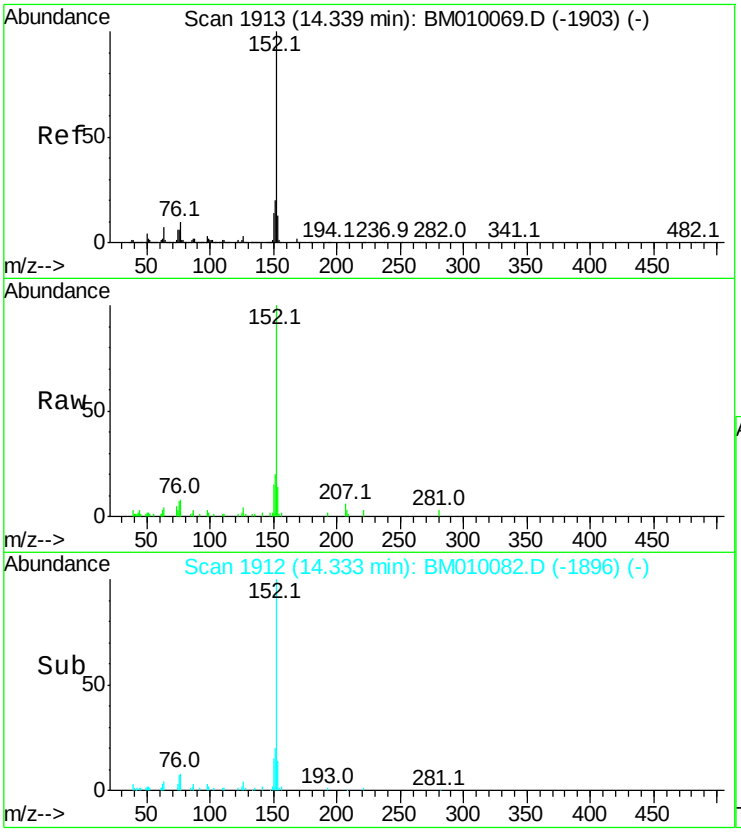


#47
2-Nitroaniline
Concen: 0.02 ng
RT: 13.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 65 Resp: 116

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



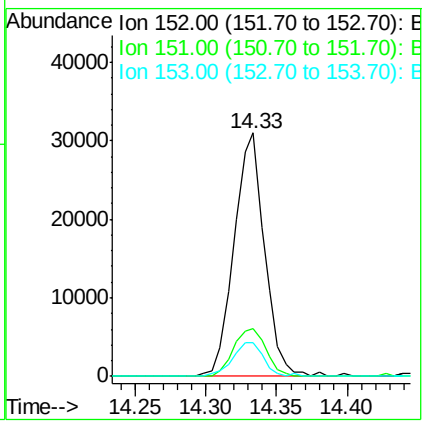


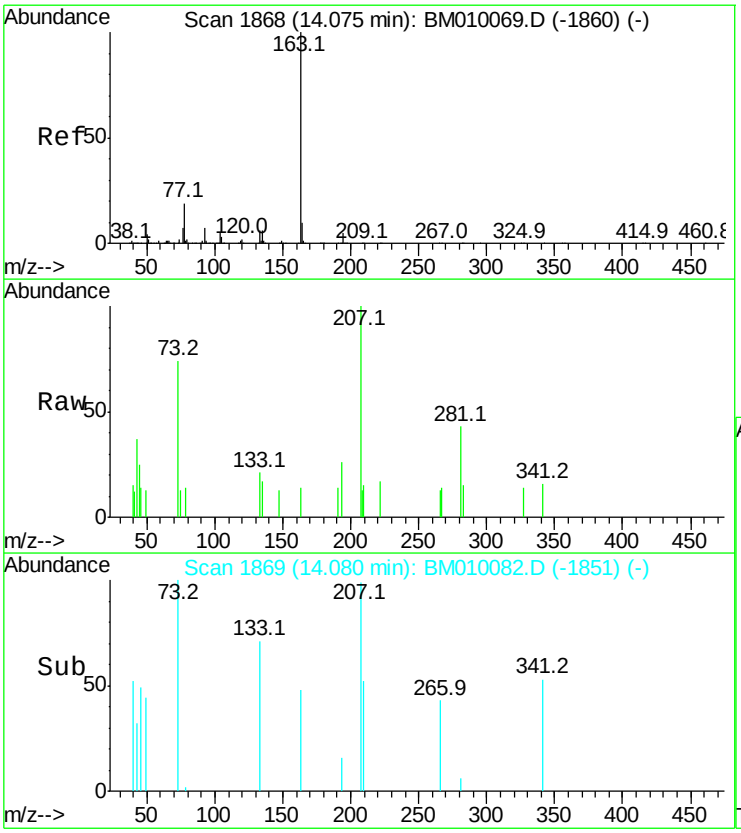
#48
Acenaphthylene
Concen: 1.25 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 46620

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.9	10.6	16.0

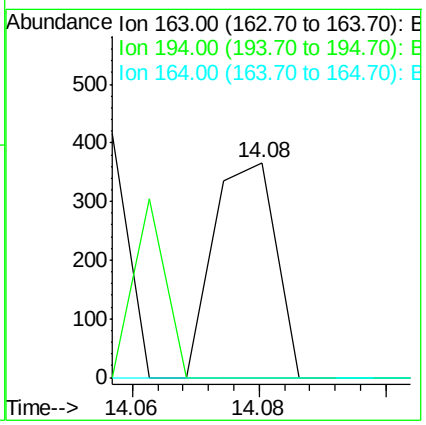


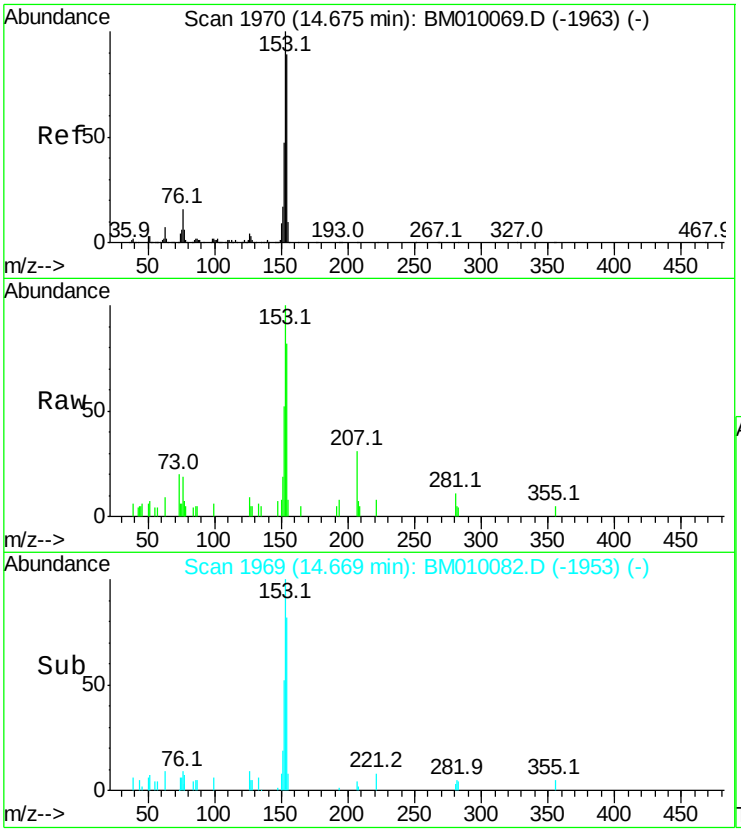


#49
Dimethylphthalate
Concen: 0.01 ng
RT: 14.08 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:163 Resp: 247

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	0.0	8.2	12.2#



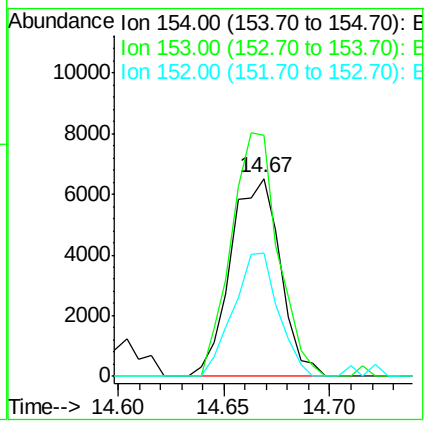


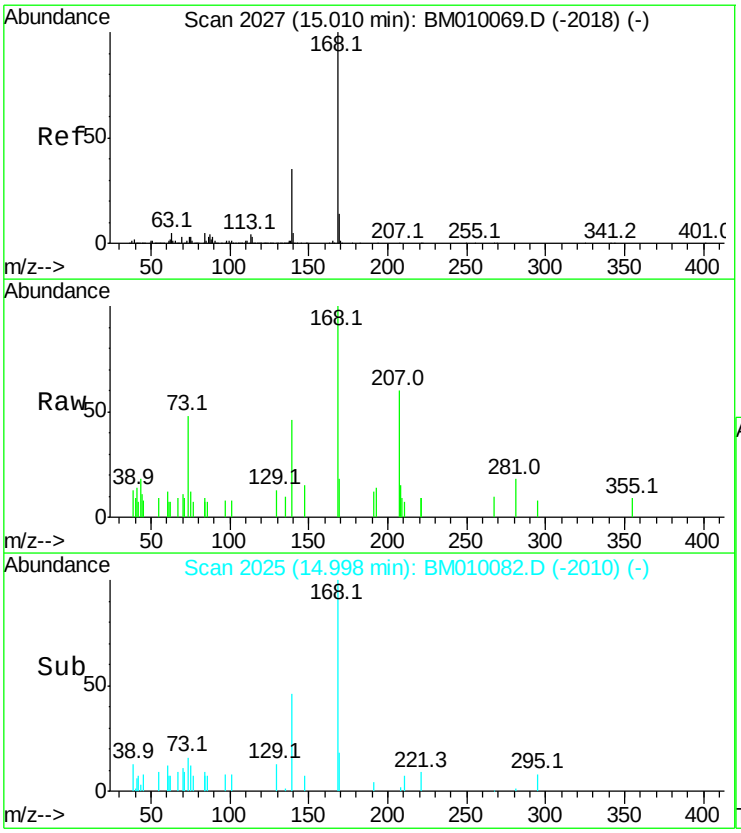
#51
Acenaphthene
Concen: 0.46 ng
RT: 14.67 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 10632

Ion	Ratio	Lower	Upper
154	100		
153	121.4	90.0	135.0
152	62.5	42.6	63.8

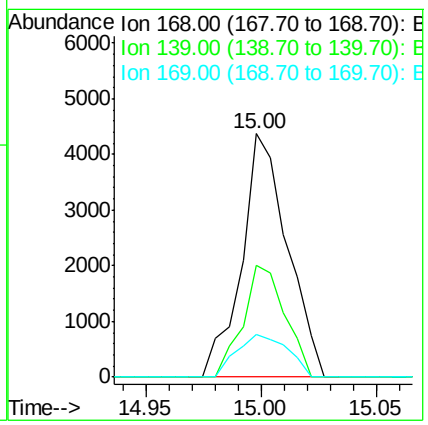


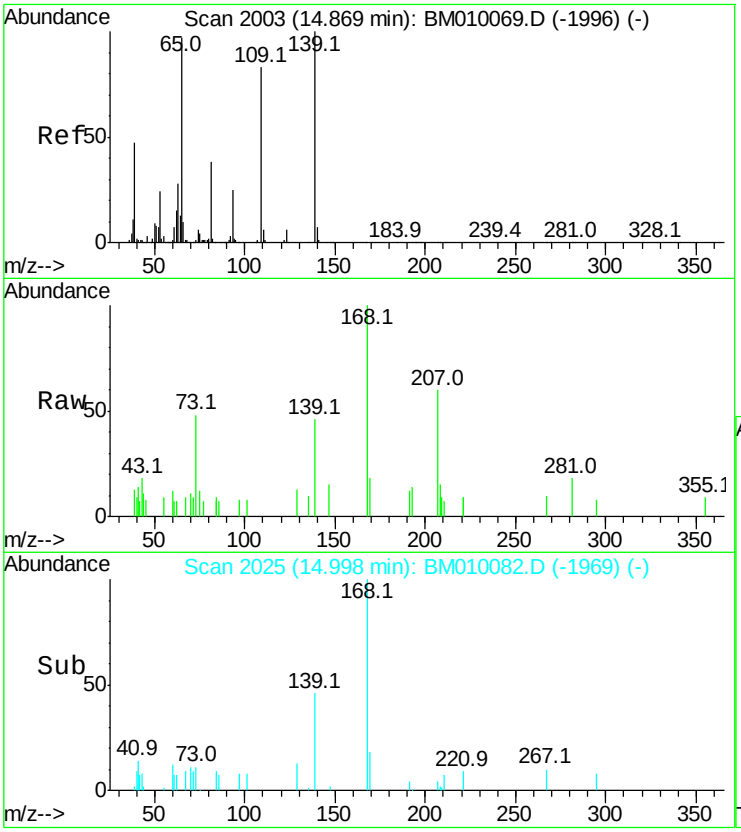


#54
Dibenzofuran
Concen: 0.17 ng
RT: 15.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:168 Resp: 6037

Ion	Ratio	Lower	Upper
168	100		
139	46.0	27.3	40.9#
169	17.8	10.6	16.0#



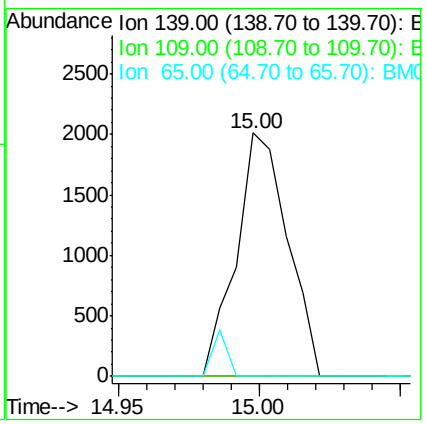


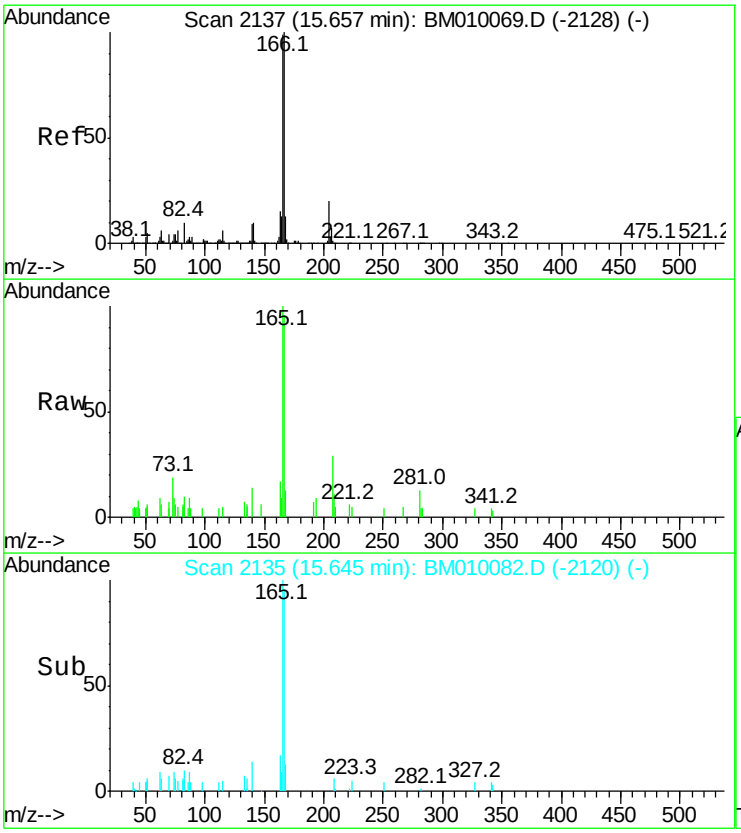
#55
4-Nitrophenol
Concen: 0.53 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.13 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 2544

Ion	Ratio	Lower	Upper
139	100		
109	0.0	37.7	77.7#
65	0.0	49.9	89.9#

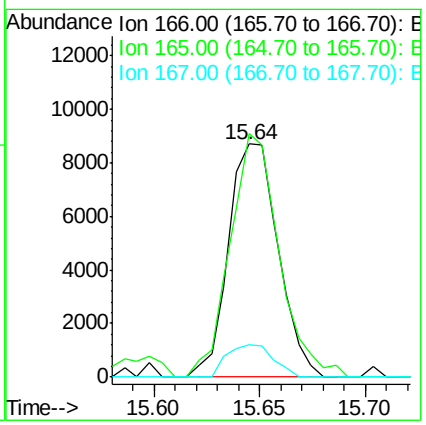


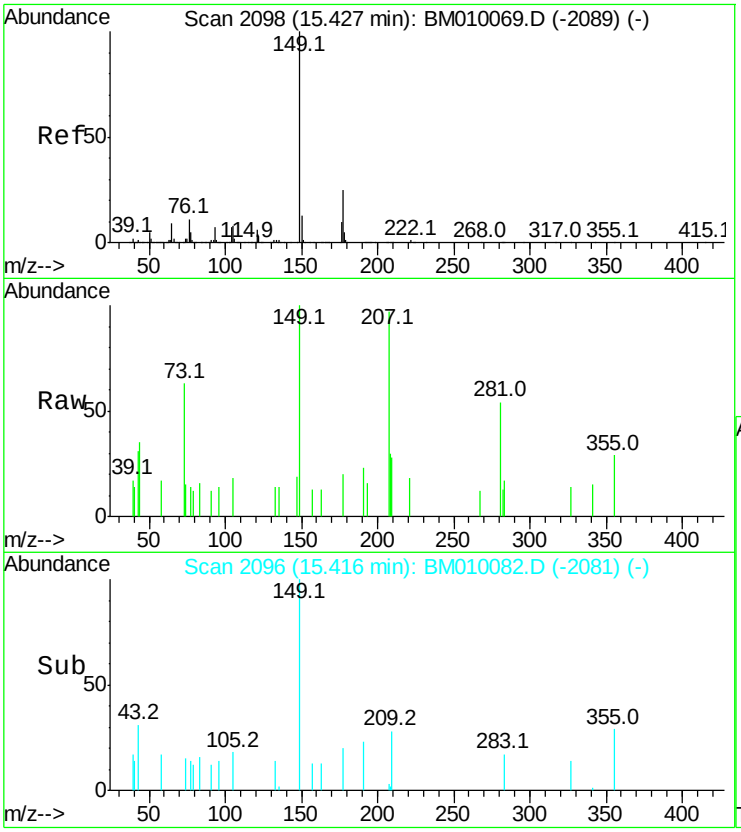


#57
Fluorene
Concen: 0.45 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:166 Resp: 14245

Ion	Ratio	Lower	Upper
166	100		
165	104.5	79.0	118.4
167	13.8	10.3	15.5



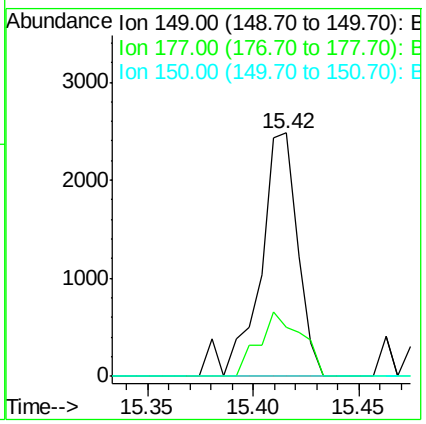


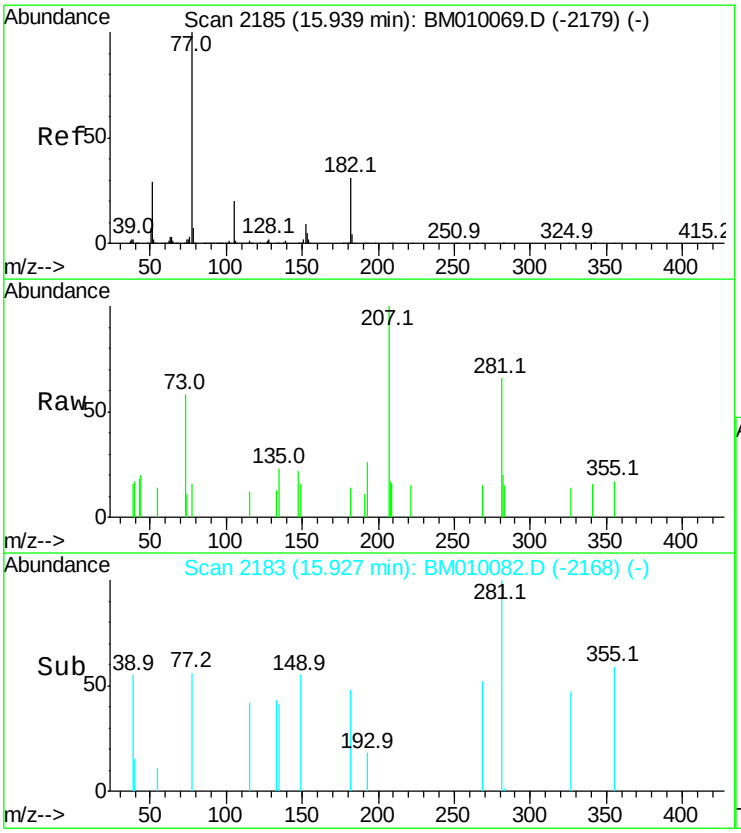
#59
Diethylphthalate
Concen: 0.10 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3098

Ion	Ratio	Lower	Upper
149	100		
177	20.1	18.3	27.5
150	0.0	9.8	14.8#

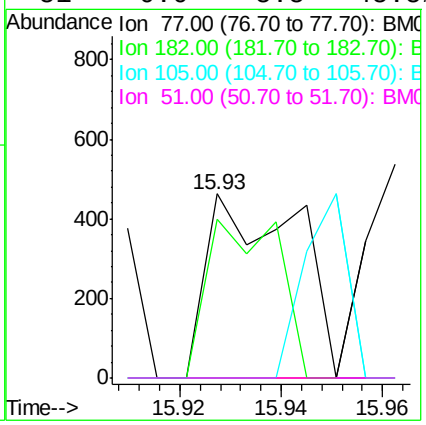


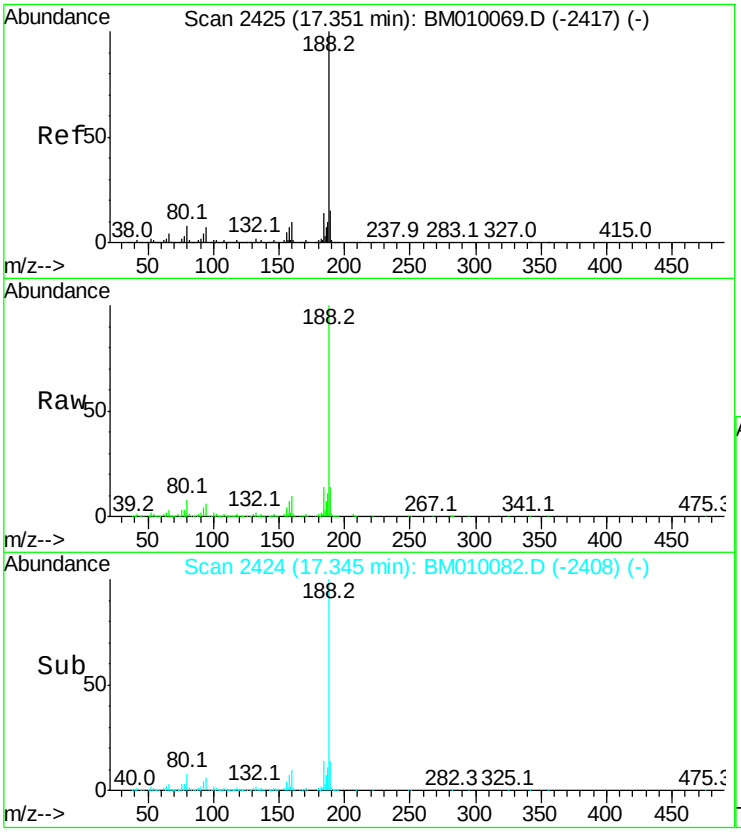


#62
Azobenzene
Concen: 0.02 ng
RT: 15.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion: 77 Resp: 567

Ion	Ratio	Lower	Upper
77	100		
182	86.6	6.5	46.5#
105	0.0	3.8	43.8#
51	0.0	5.5	45.5#



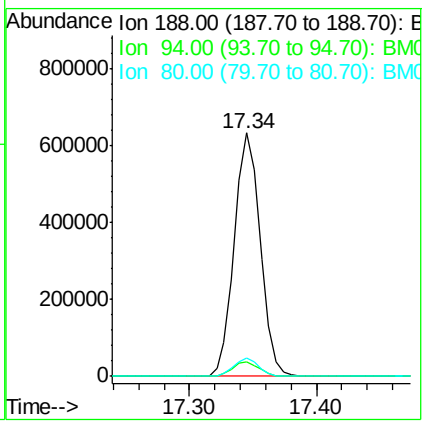


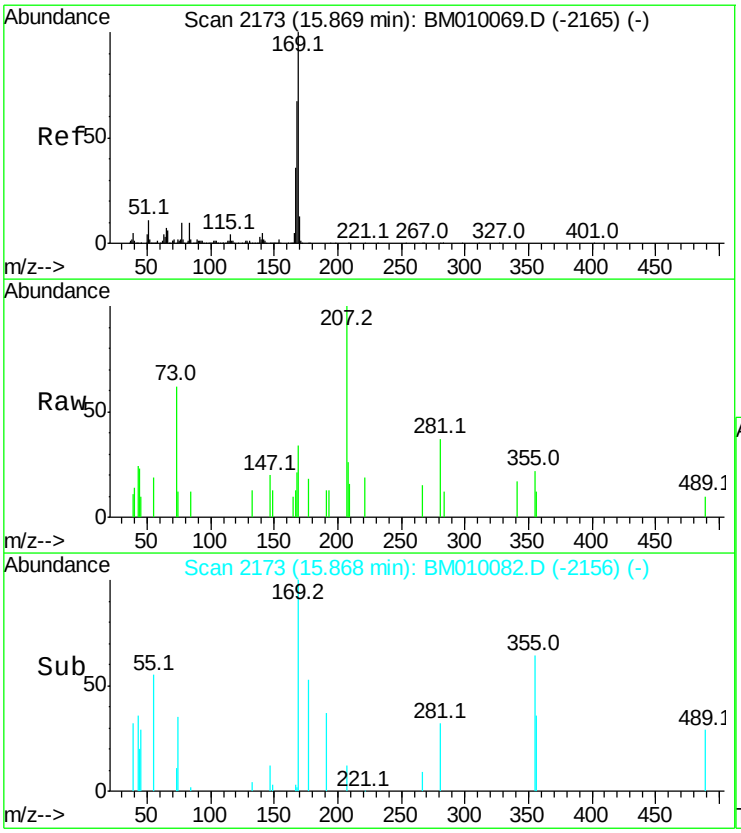
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 895404

Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	7.7	9.3	13.9#

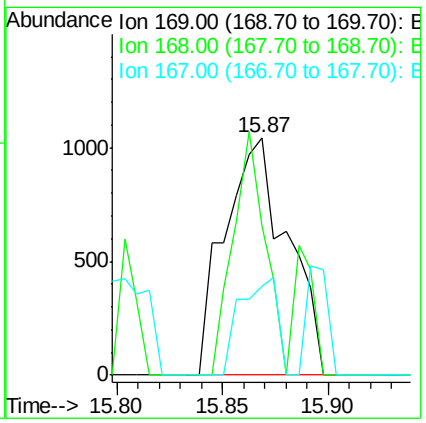


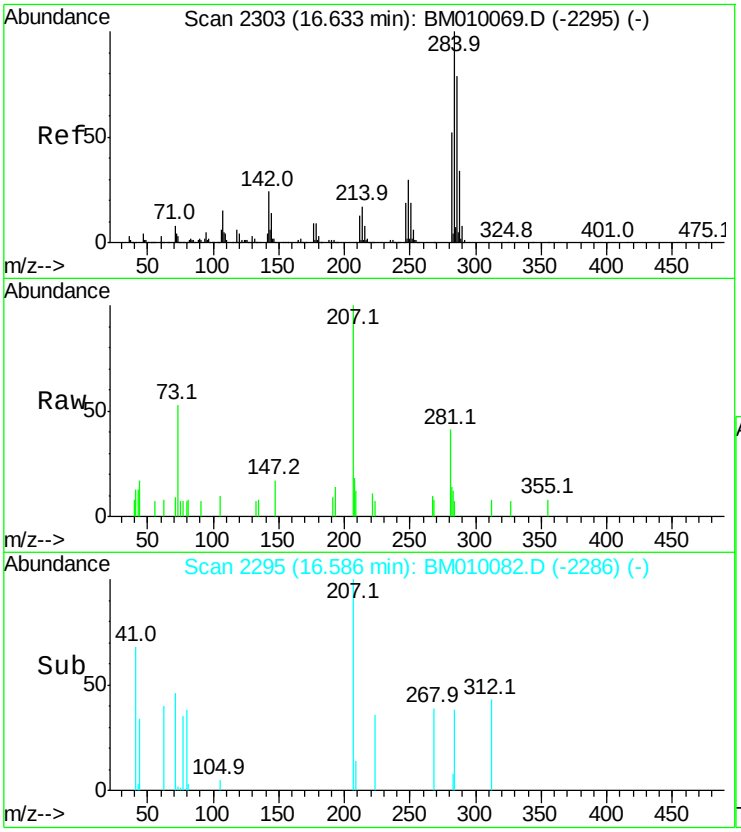


#65
n-Nitrosodiphenylamine
Concen: 0.08 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:169 Resp: 2157

Ion	Ratio	Lower	Upper
169	100		
168	62.7	53.9	80.9
167	37.5	28.9	43.3



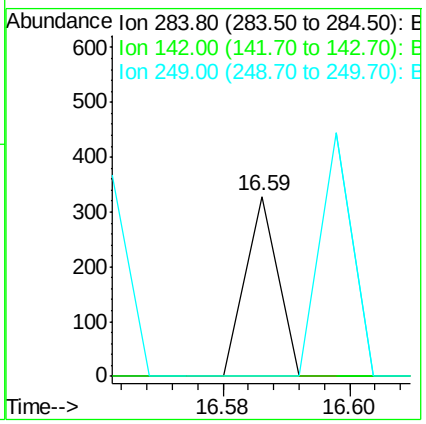


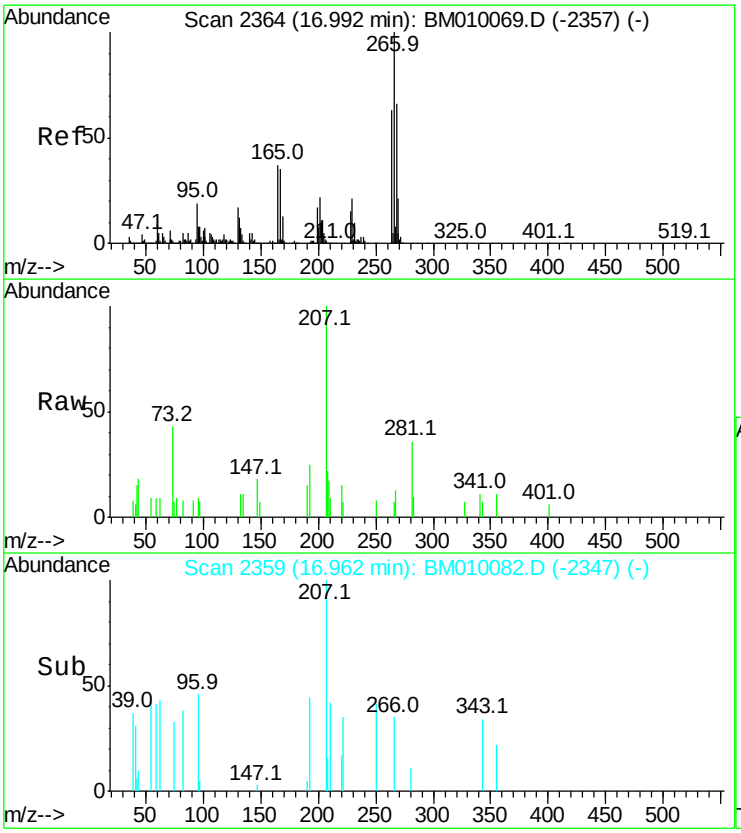
#67
Hexachlorobenzene
Concen: 0.01 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.05 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 116

Ion	Ratio	Lower	Upper
284	100		
142	0.0	20.4	30.6#
249	0.0	23.8	35.6#

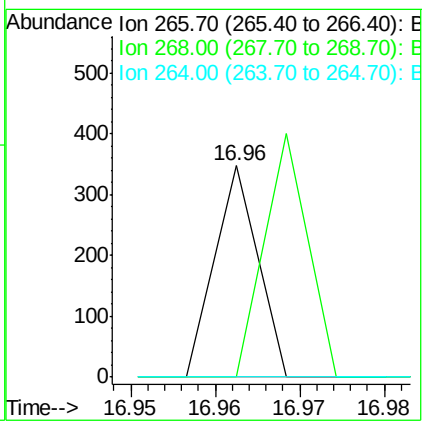


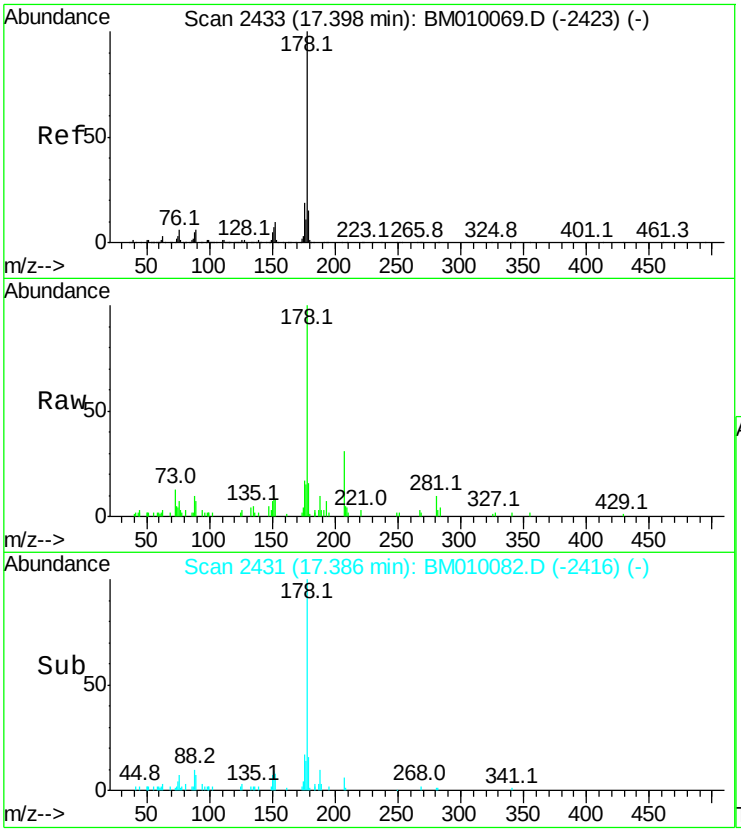


#69
Pentachlorophenol
Concen: 0.02 ng
RT: 16.96 min Scan# 2359
Delta R.T. -0.03 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:266 Resp: 123

Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.0	78.0#
264	0.0	49.0	73.4#



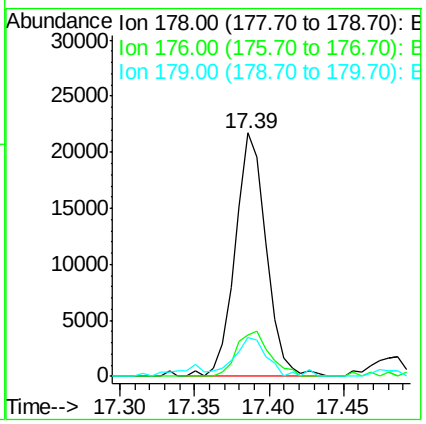


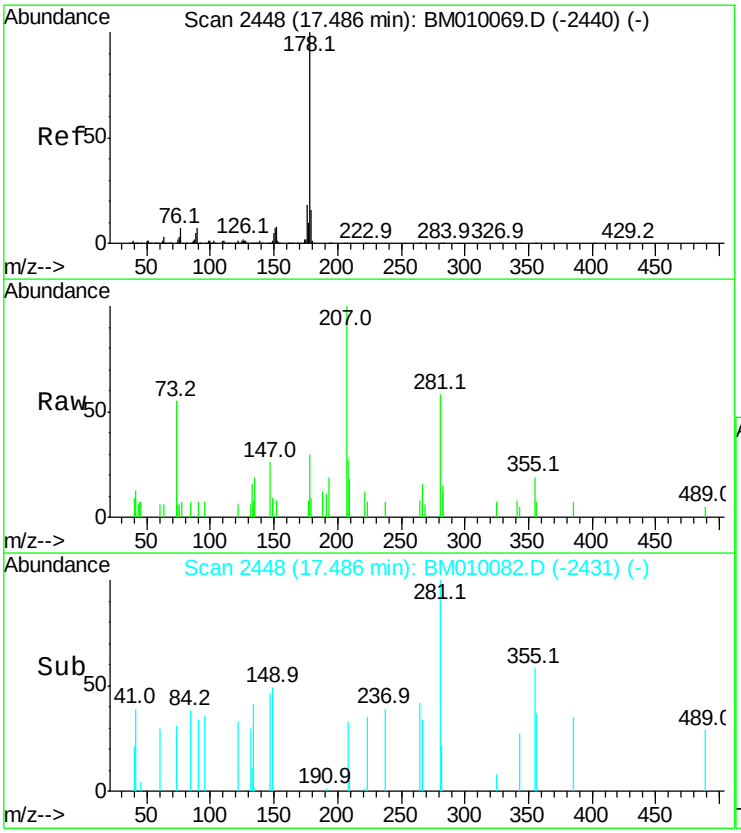
#70
Phenanthrene
Concen: 0.63 ng
RT: 17.39 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 31356

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.2	22.8
179	15.7	12.1	18.1

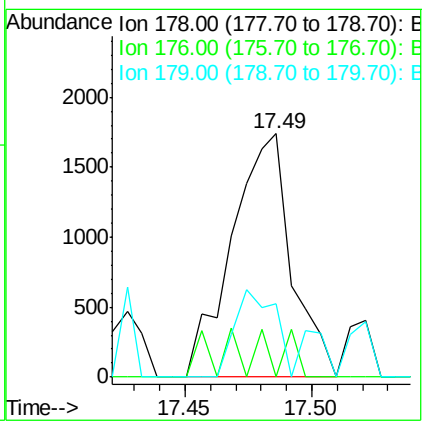


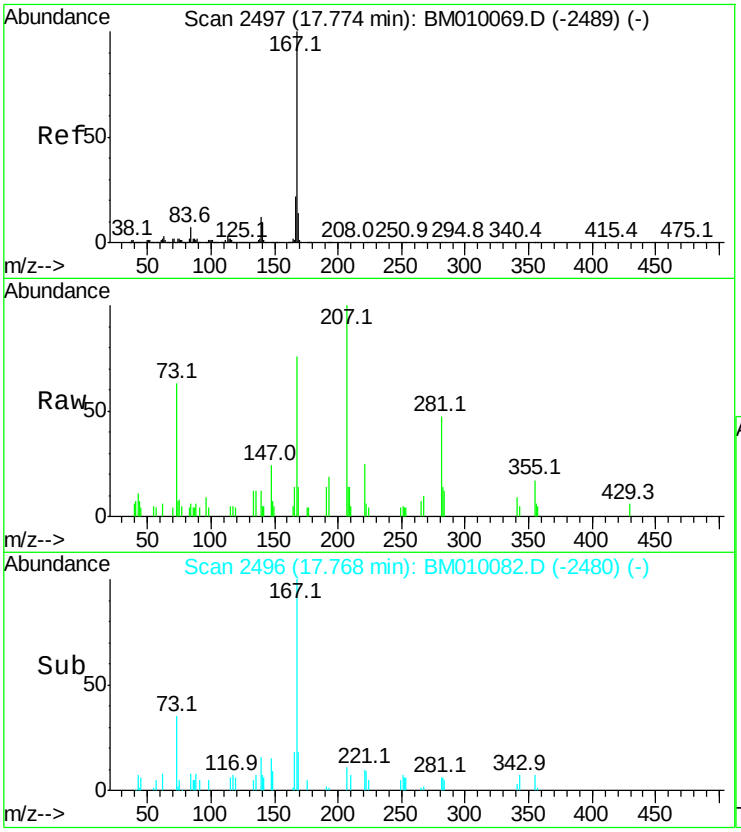


#71
Anthracene
Concen: 0.06 ng
RT: 17.49 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:178 Resp: 2852

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	29.9	12.6	19.0#



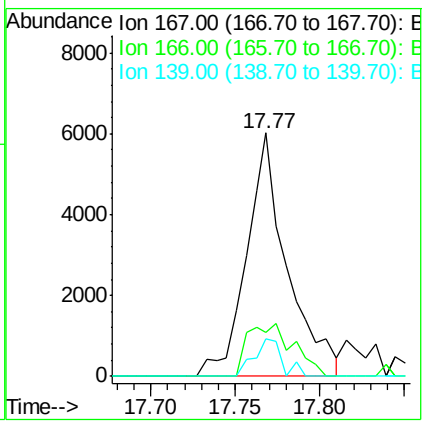


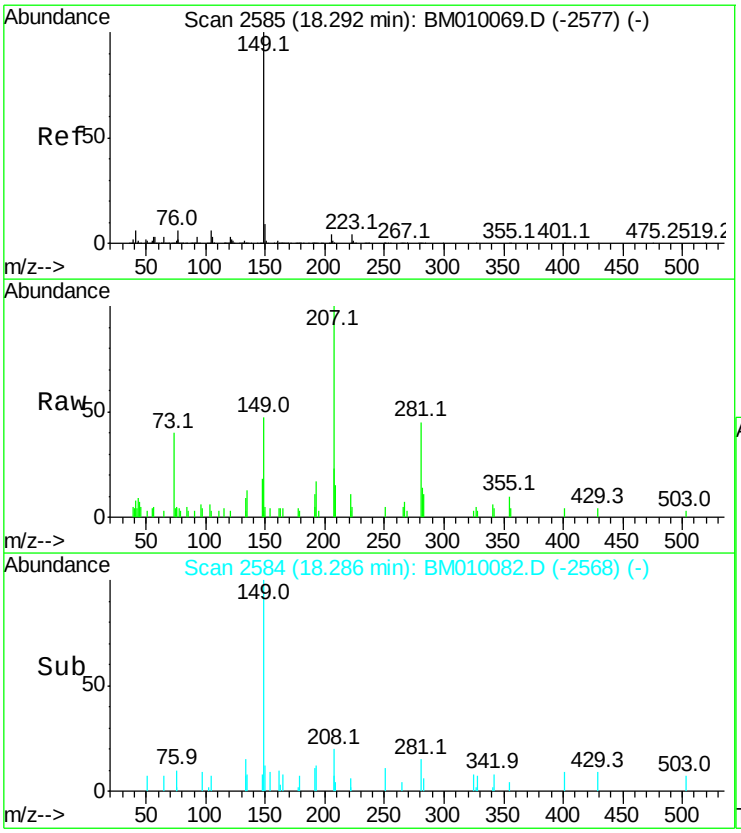
#72
Carbazole
Concen: 0.23 ng
RT: 17.77 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 10015

Ion	Ratio	Lower	Upper
167	100		
166	18.3	17.2	25.8
139	15.6	10.8	16.2

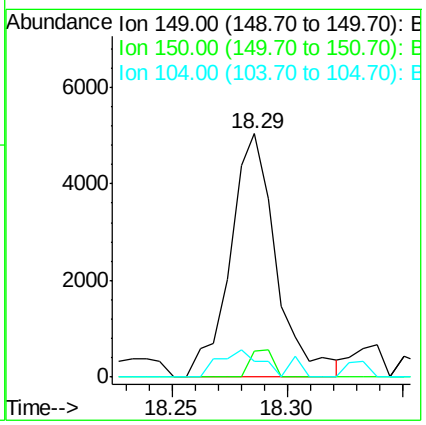


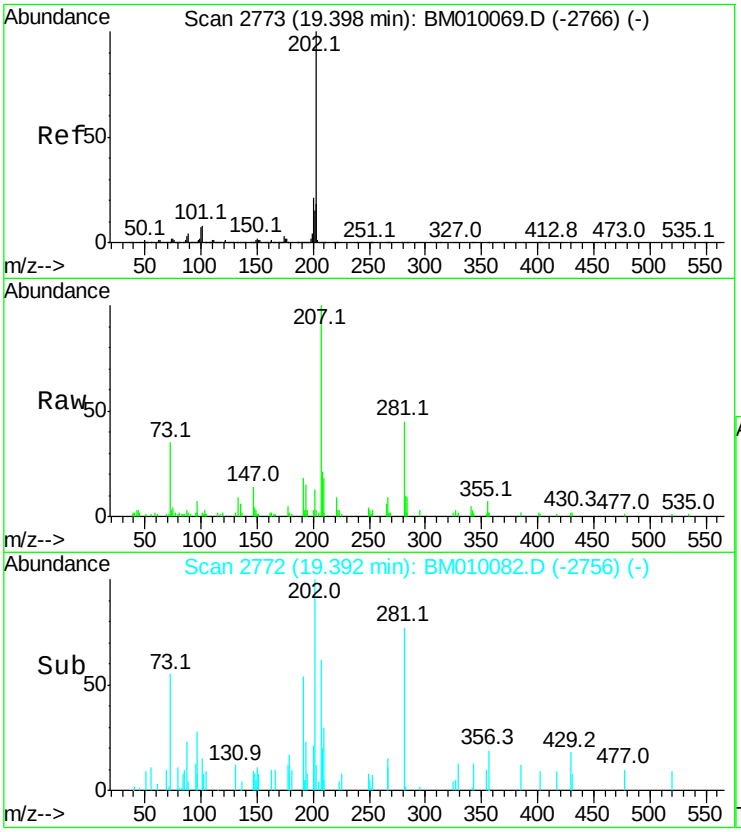


#73
Di-n-butylphthalate
Concen: 0.13 ng
RT: 18.29 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:149 Resp: 6997

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.5	11.3
104	6.5	3.7	5.5#



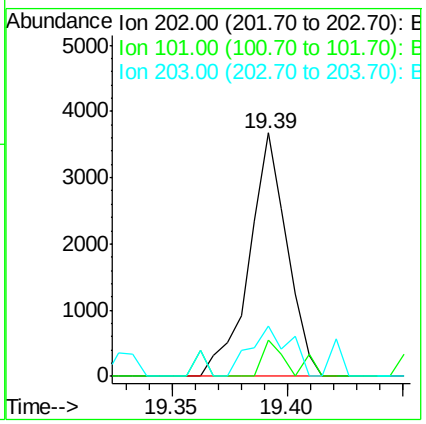


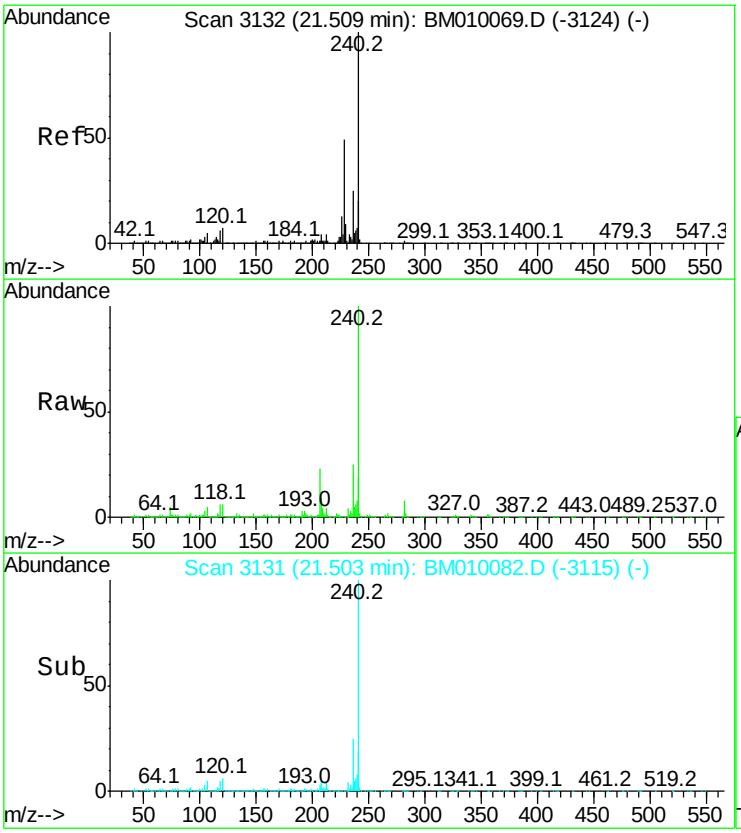
#74
Fluoranthene
Concen: 0.06 ng
RT: 19.39 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4190

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	28.7
203	20.9	0.0	37.2

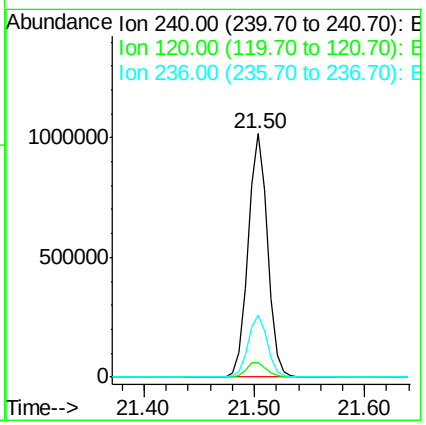


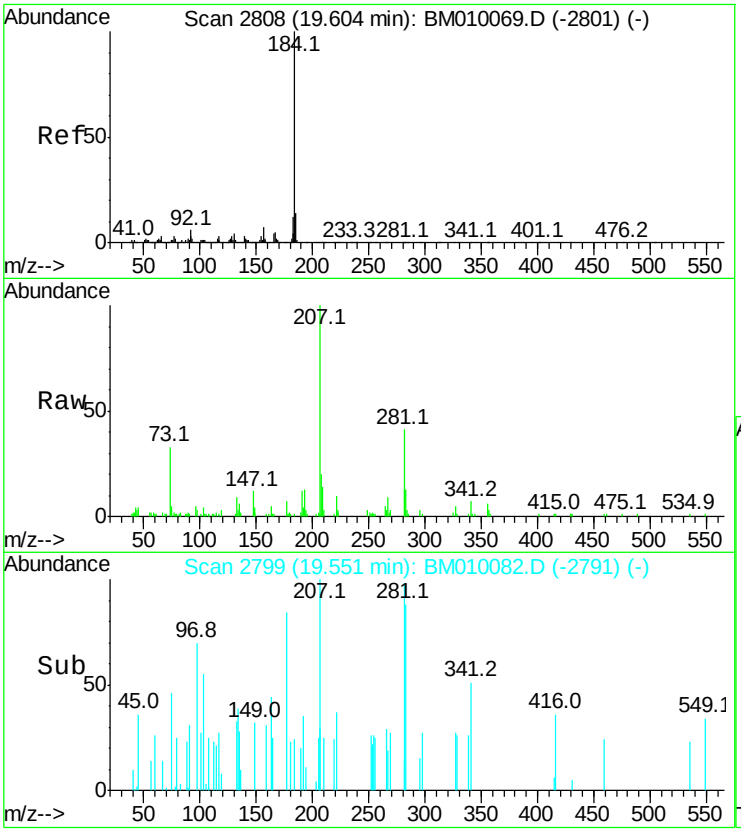


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:240 Resp: 1258382

Ion	Ratio	Lower	Upper
240	100		
120	6.0	8.2	12.2#
236	25.2	20.0	30.0



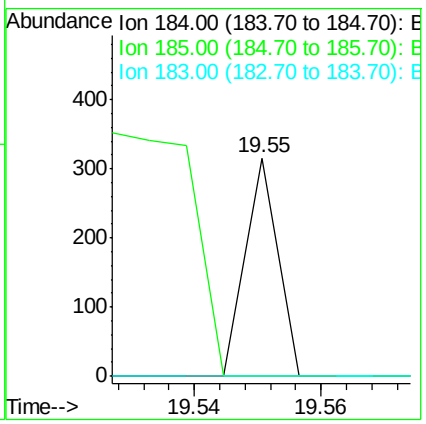


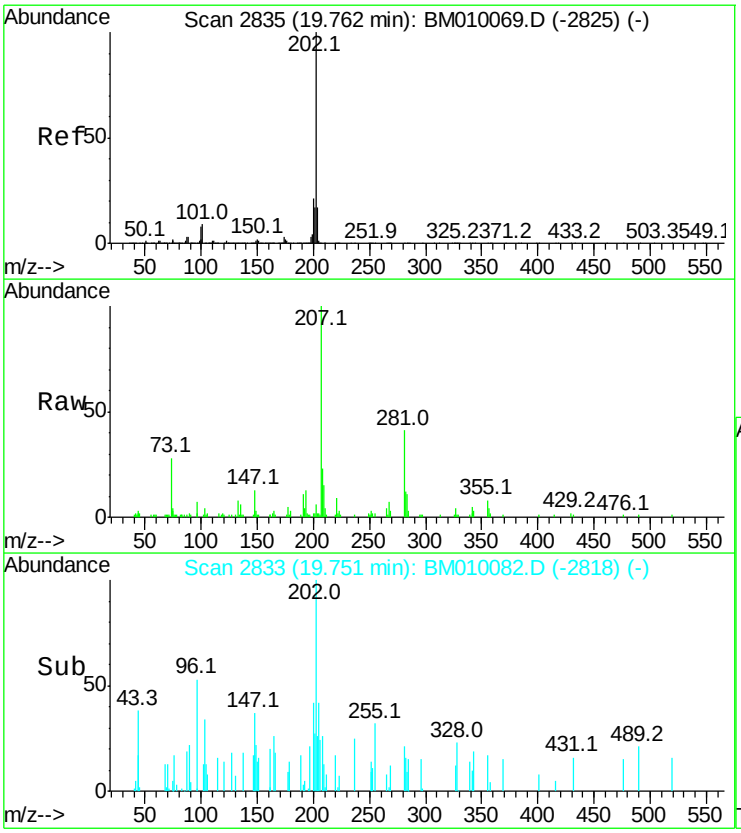
#76
Benzidine
Concen: 0.00 ng
RT: 19.55 min Scan# 2799
Delta R.T. -0.05 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 112

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.3	16.9#
183	0.0	8.9	13.3#

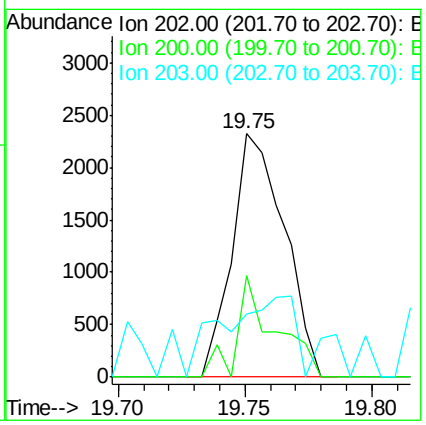


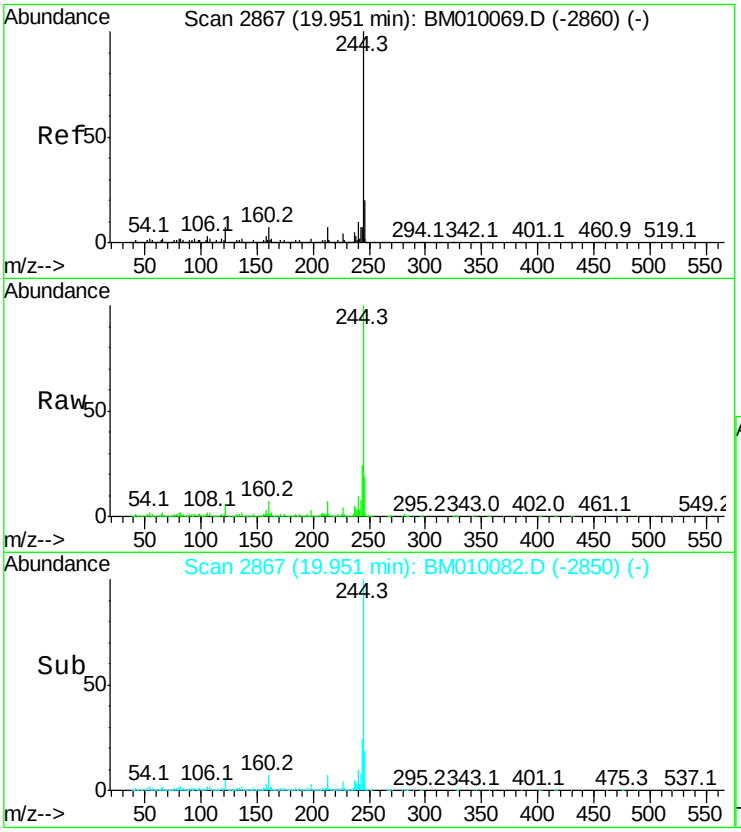


#77
Pyrene
Concen: 0.05 ng
RT: 19.75 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:202 Resp: 3339

Ion	Ratio	Lower	Upper
202	100		
200	41.8	16.9	25.3#
203	25.8	14.1	21.1#



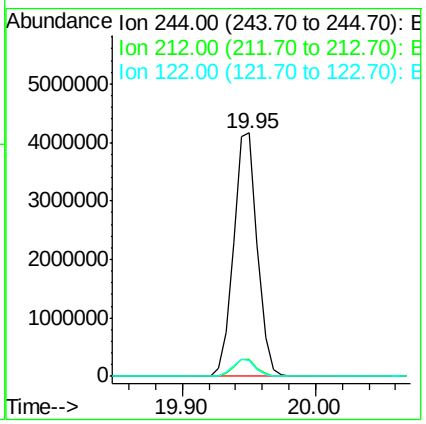


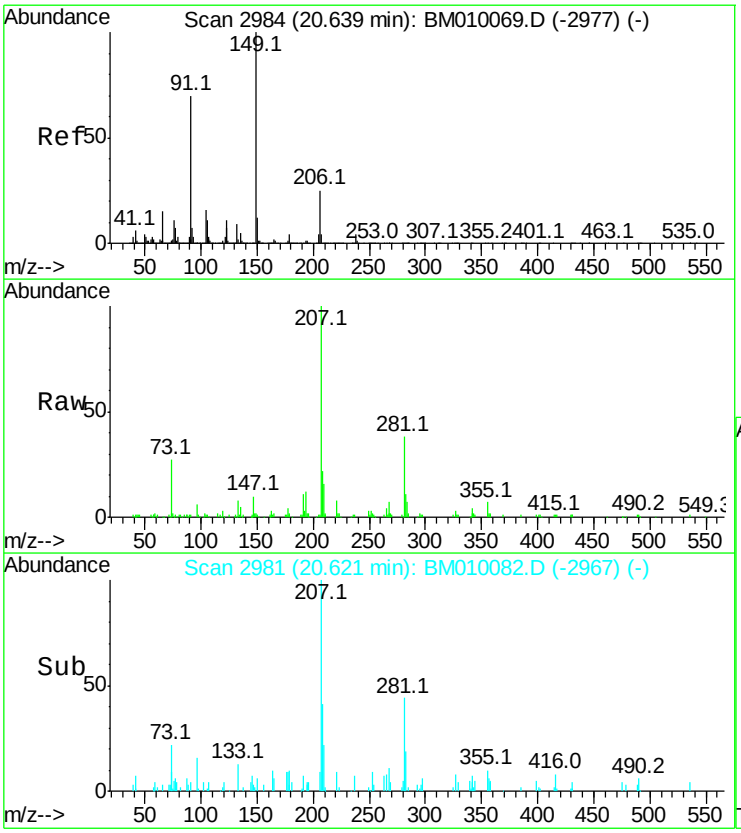
#78
Terphenyl-d14
Concen: 92.92 ng
RT: 19.95 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 5142379

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	6.4	6.2	9.4

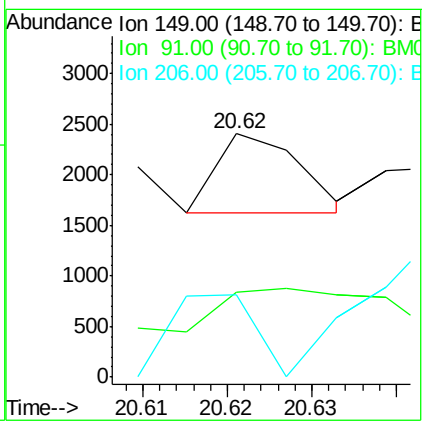


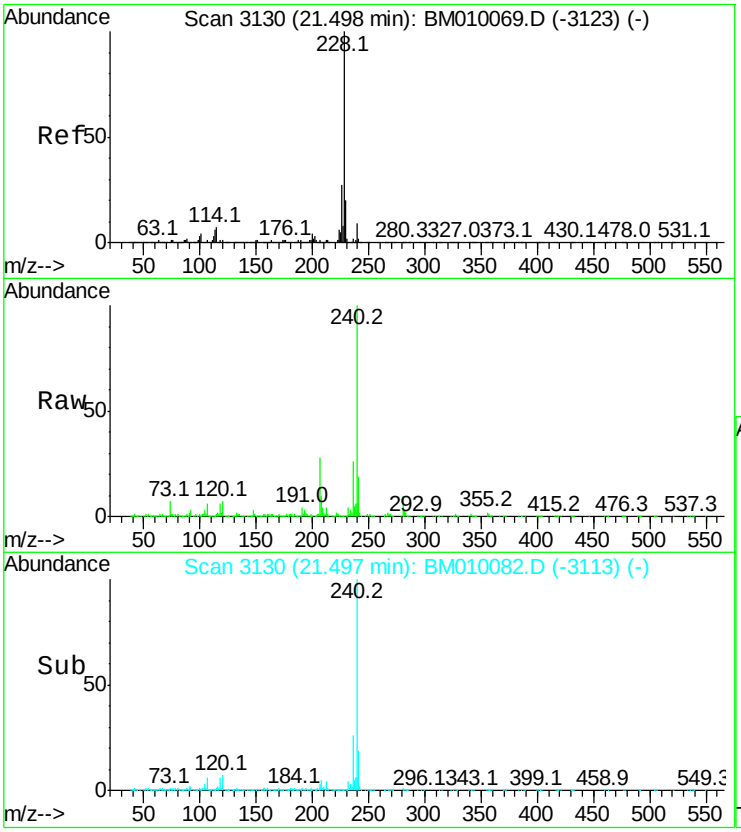


#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 20.62 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:149 Resp: 539

Ion	Ratio	Lower	Upper
149	100		
91	34.6	50.1	75.1#
206	33.7	16.2	24.2#



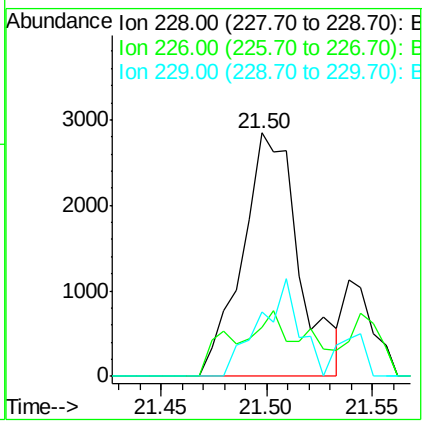


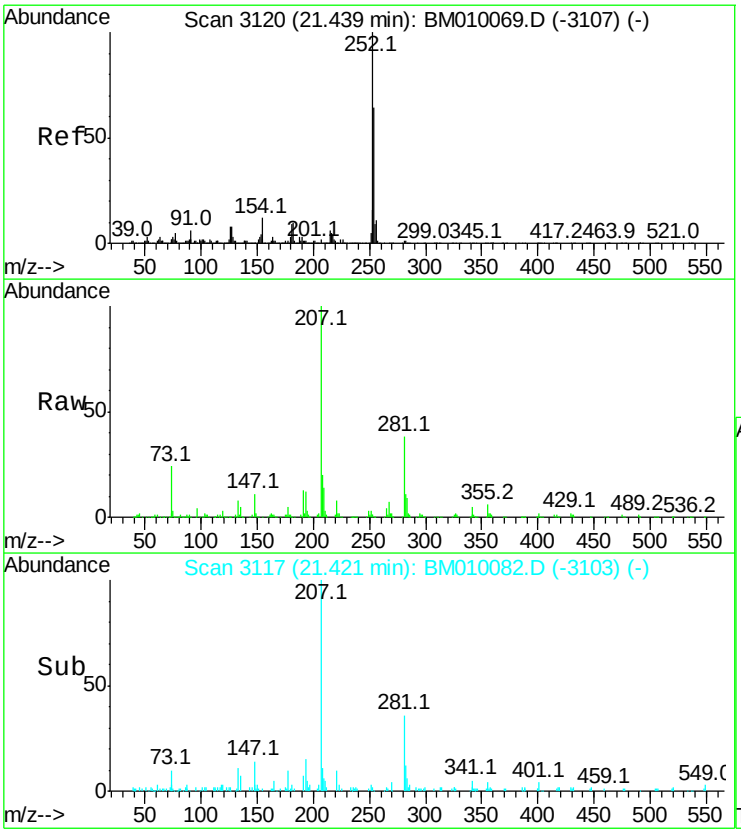
#80
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5297

Ion	Ratio	Lower	Upper
228	100		
226	20.2	21.7	32.5#
229	26.5	16.0	24.0#

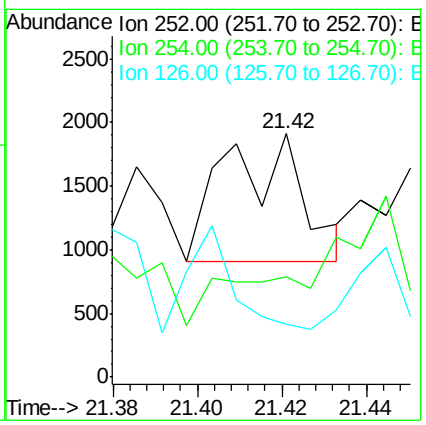


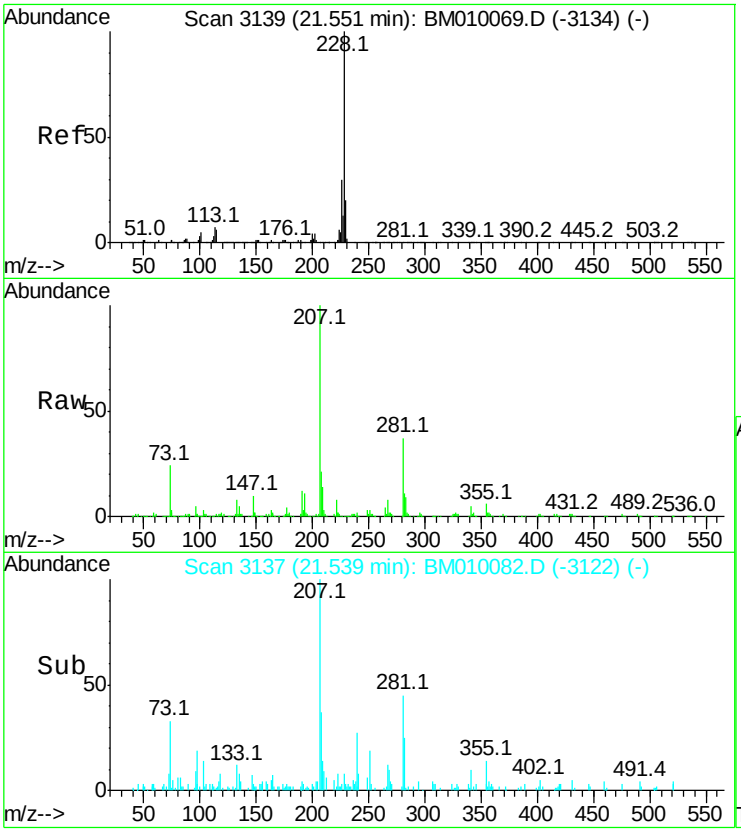


#81
3,3'-Dichlorobenzidine
Concen: 0.05 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:252 Resp: 1285

Ion	Ratio	Lower	Upper
252	100		
254	41.2	51.9	77.9#
126	22.0	9.8	14.8#



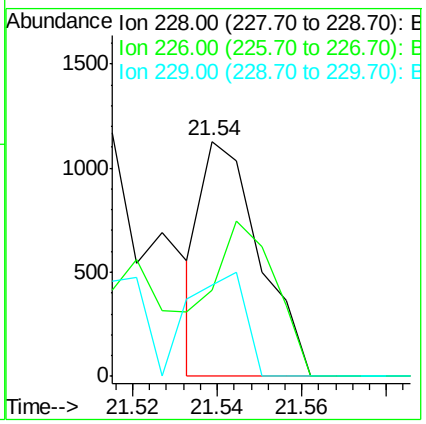


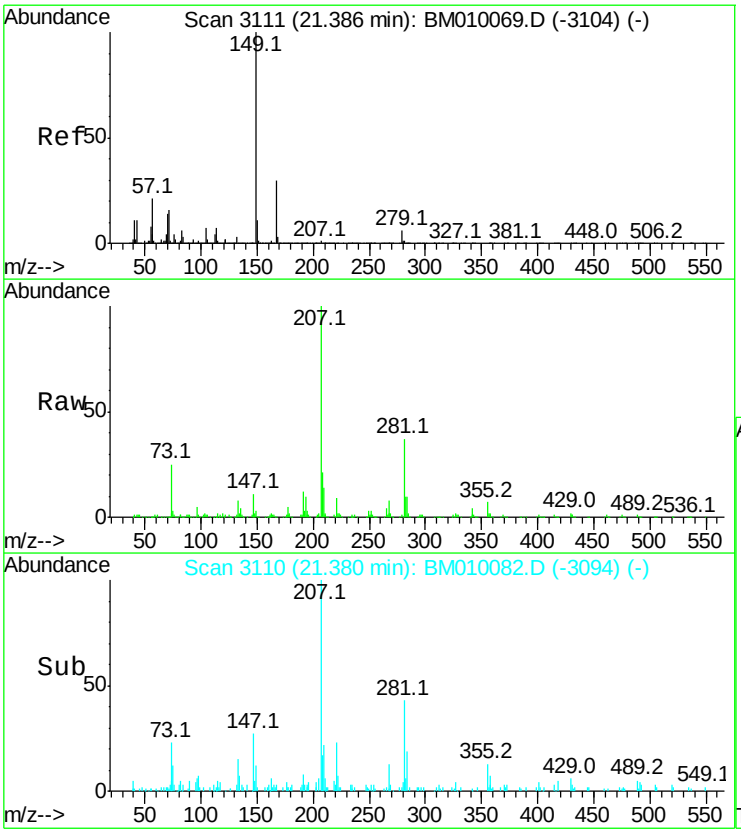
#82
Chrysene
Concen: 0.02 ng
RT: 21.54 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1069

Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.1	36.1#
229	39.0	15.5	23.3#

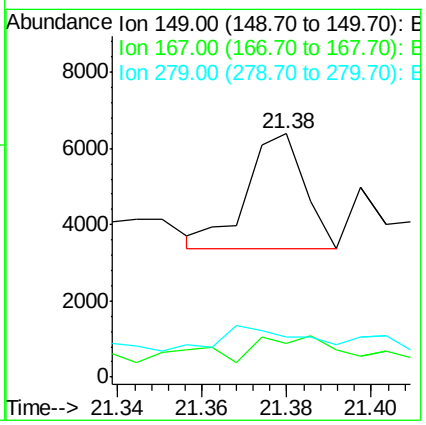


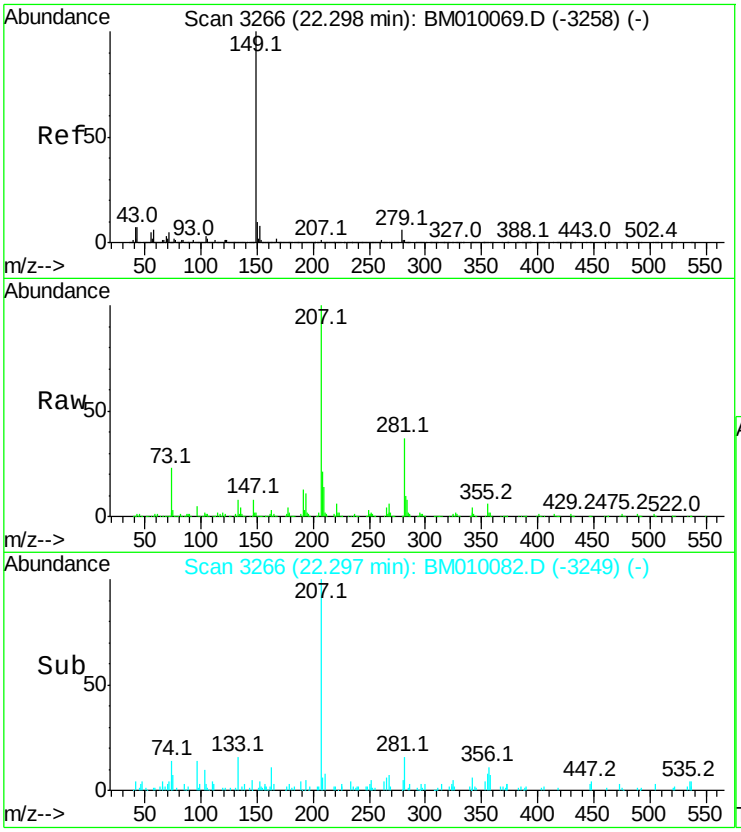


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.38 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:149 Resp: 2892

Ion	Ratio	Lower	Upper
149	100		
167	13.8	22.4	33.6#
279	16.2	3.4	5.0#



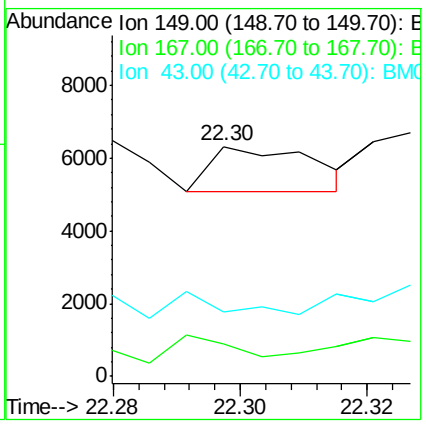


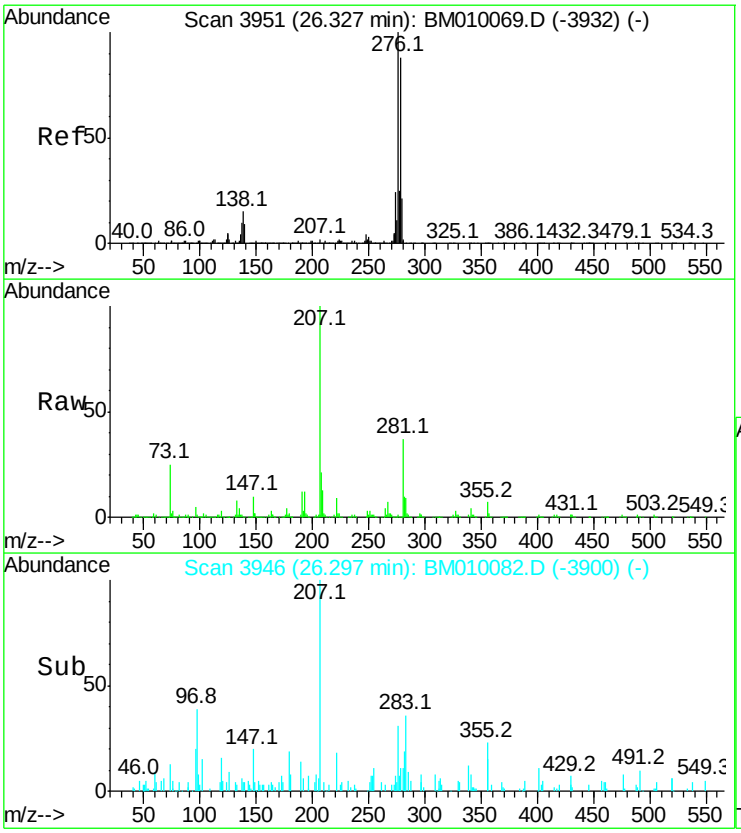
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.30 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1392

Ion	Ratio	Lower	Upper
149	100		
167	42.6	1.2	1.8#
43	35.8	7.3	10.9#

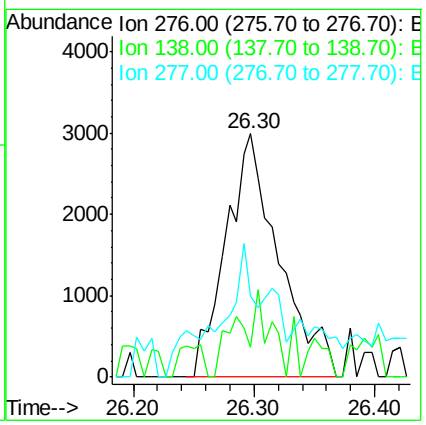


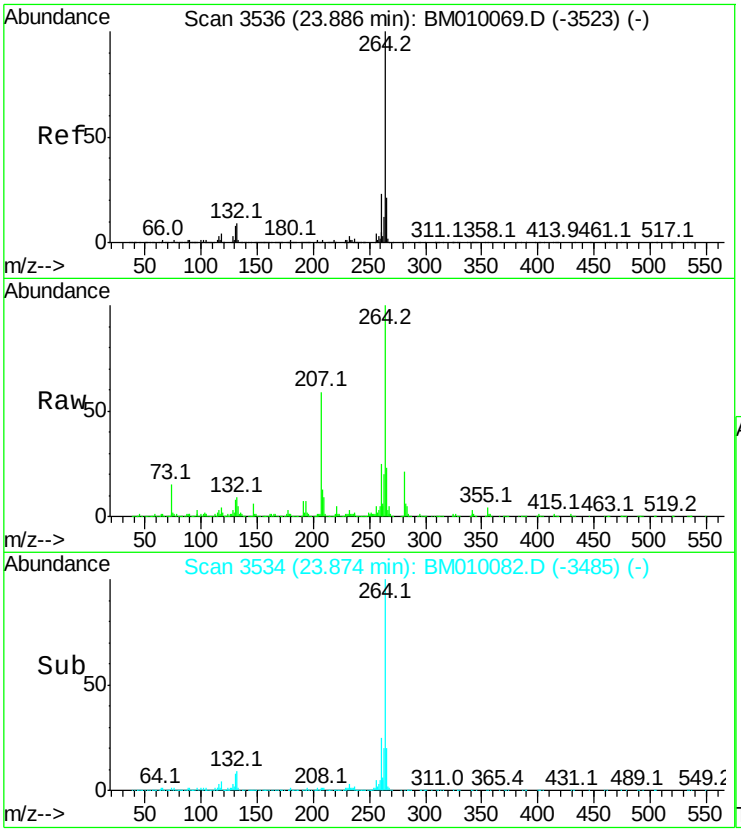


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.03 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:276 Resp: 9111

Ion	Ratio	Lower	Upper
276	100		
138	10.5	0.0	0.0#
277	13.2	0.0	0.0#



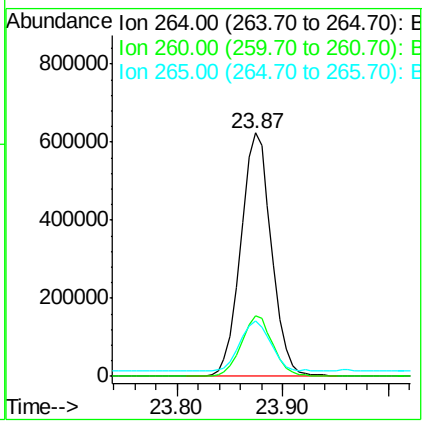


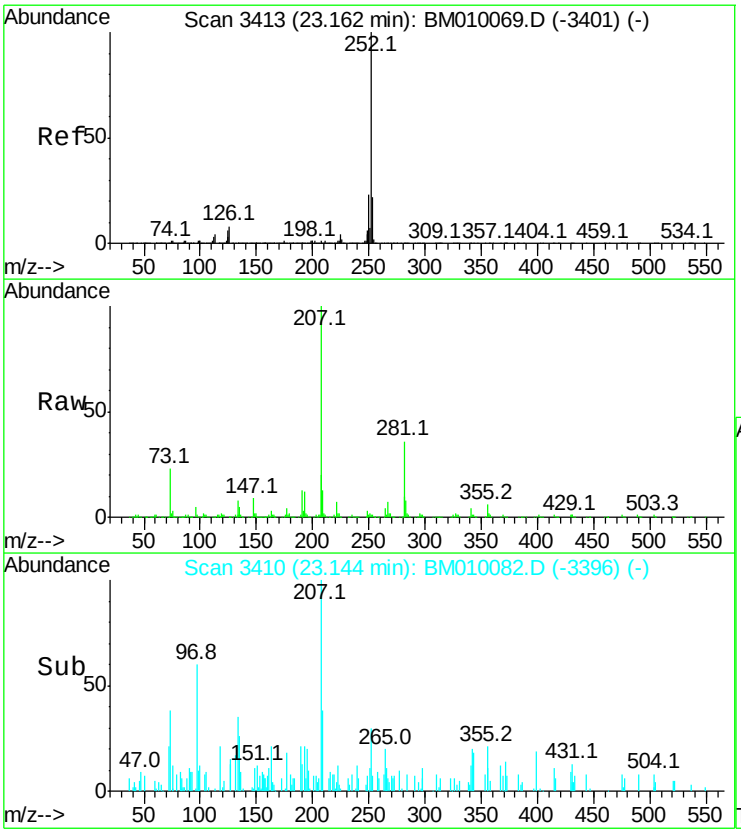
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1259034

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	22.6	17.3	25.9

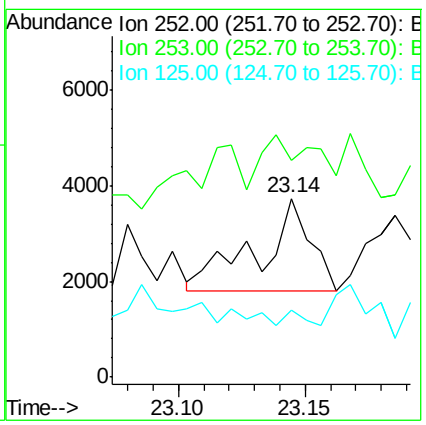


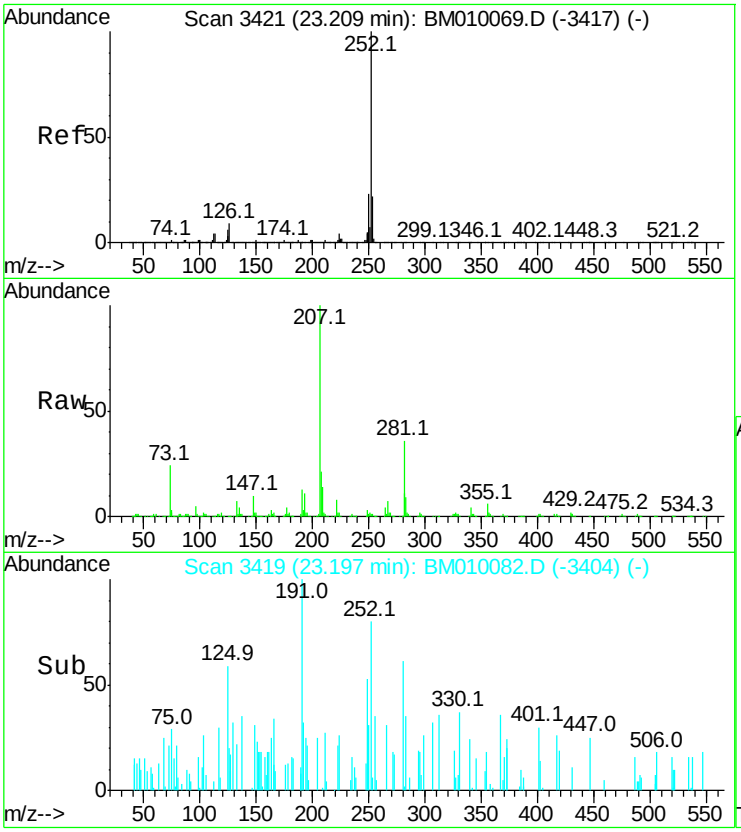


#87
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.14 min Scan# 3410
Delta R.T. -0.02 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:252 Resp: 2807

Ion	Ratio	Lower	Upper
252	100		
253	120.9	18.0	27.0#
125	54.6	9.9	14.9#



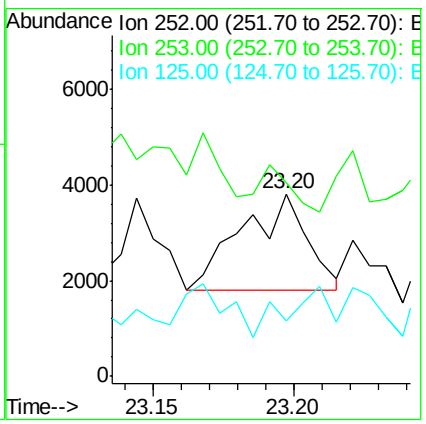


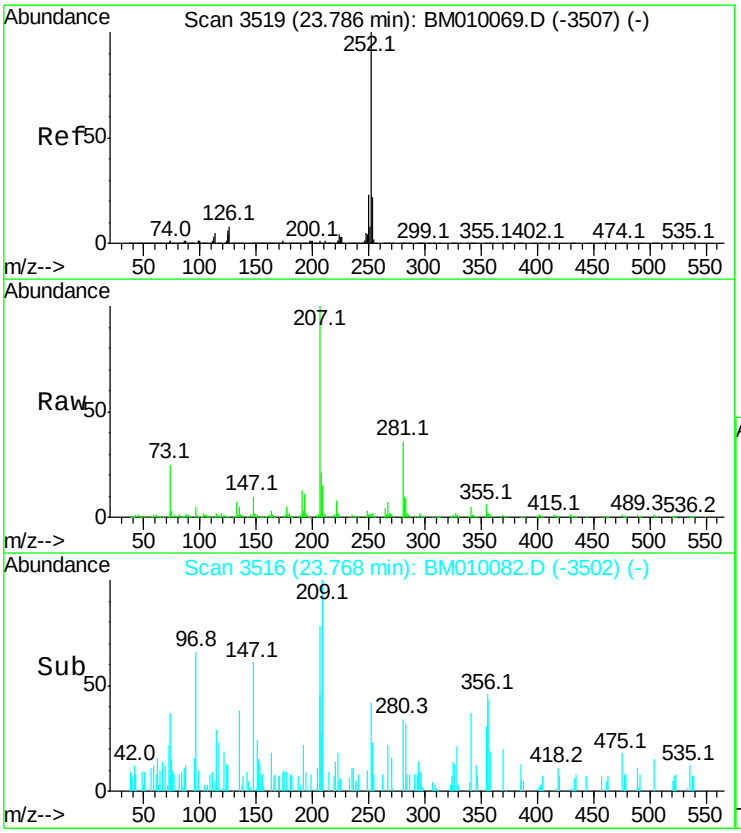
#88
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 23.20 min Scan# 3419
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3287

Ion	Ratio	Lower	Upper
252	100		
253	106.0	17.2	25.8#
125	30.7	8.1	12.1#

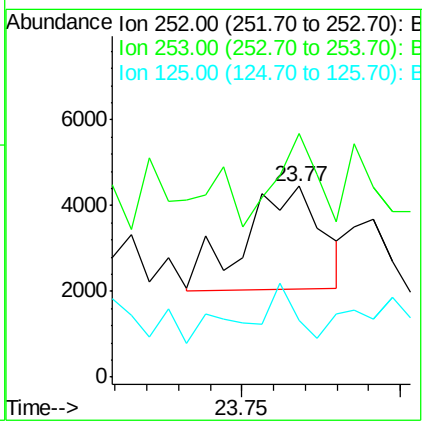


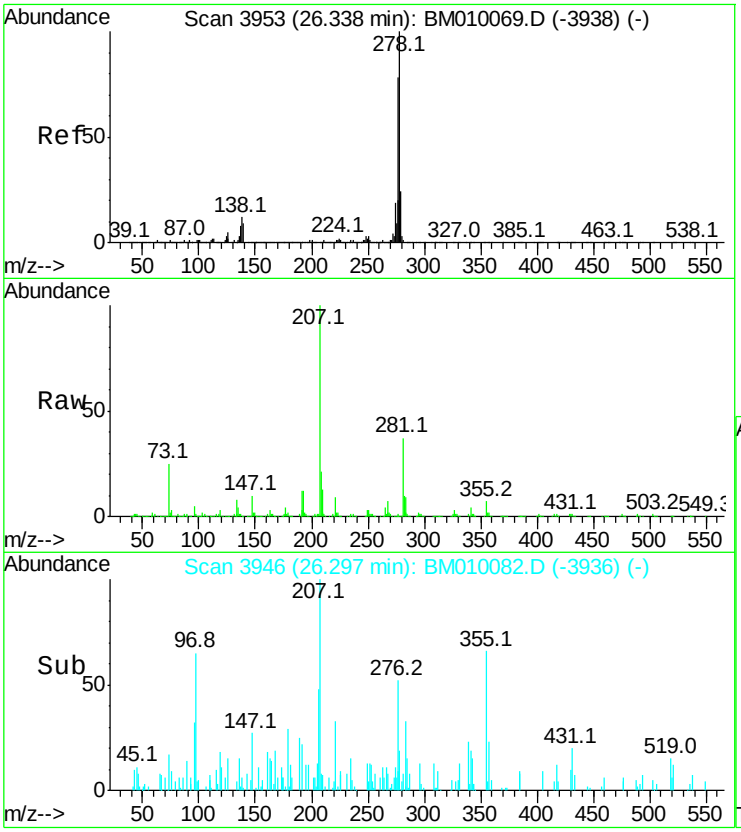


#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.77 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:252 Resp: 4102

Ion	Ratio	Lower	Upper
252	100		
253	127.4	17.6	26.4#
125	29.4	7.4	11.2#



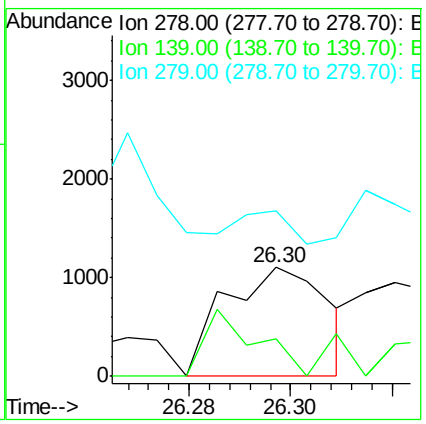


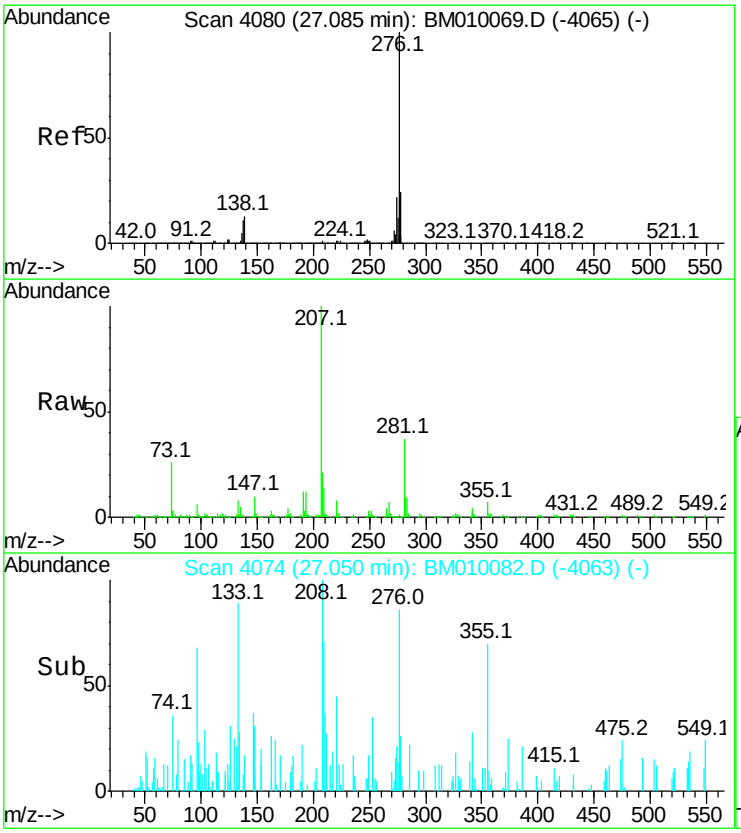
#90
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.04 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1552

Ion	Ratio	Lower	Upper
278	100		
139	33.9	13.4	20.0#
279	151.2	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 27.05 min Scan# 4074
Delta R.T. -0.04 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:276 Resp: 9459

Ion	Ratio	Lower	Upper
276	100		
277	52.2	18.5	27.7#
138	17.0	19.0	28.6#