Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014515.D
Acq On : 07 Mar 2018 01:24
Operator : SJ/JU
Sample : J1741-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 07 04:01:13 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	115337	20.00	ng		-0.05
21) Naphthalene-d8	10.27	136	427856	20.00	ng		-0.04
38) Acenaphthene-d10	14.16	164	214735	20.00	ng		-0.04
63) Phenanthrene-d10	16.93	188	438303	20.00	ng		-0.02
75) Chrysene-d12	21.16	240	490569	20.00	ng		-0.01
86) Perylene-d12	23.33	264	447458	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	832646	125.83	ng		-0.03
7) Phenol-d6	6.71	99	1053769	112.44	ng		-0.03
23) Nitrobenzene-d5	8.67	82	781131	81.55	ng		-0.04
41) 2,4,6-Tribromophenol	15.68	330	250127	82.09	ng		-0.02
44) 2-Fluorobiphenyl	12.77	172	1129644	65.67	ng		-0.04
78) Terphenyl-d14	19.58	244	1292363	51.47	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.74	94	26745	2.891	ng	#	78
31) Naphthalene	10.32	128	501083	21.389	ng		99
32) Benzoic acid	9.71	122	661	6.303	ng	#	64
37) 2-Methylnaphthalene	11.95	142	145500	8.247	ng	#	90
45) 1,1'-Biphenyl	12.99	154	46853	2.519	ng		96
48) Acenaphthylene	13.89	152	278655	12.035	ng		99
49) Dimethylphthalate	13.64	163	81453	4.237	ng	#	97
51) Acenaphthene	14.23	154	163555	11.460	ng		96
53) 2,4-Dinitrophenol	14.30	184	143	7.729	ng	#	12
54) Dibenzofuran	14.57	168	283072	12.693	ng		91
55) 4-Nitrophenol	14.40	139	927	6.058	ng	#	9
57) Fluorene	15.23	166	320075	16.314	ng		96
70) Phenanthrene	16.98	178	6733862	254.683	ng		100
71) Anthracene	17.07	178	919091	35.675	ng		99
72) Carbazole	17.35	167	300043	12.390	ng		99
74) Fluoranthene	19.02	202	8453074	271.561	ng		99
77) Pyrene	19.39	202	8248298	242.021	ng		99
80) Benzo(a)anthracene	21.14	228	3478110	109.112	ng		99
82) Chrysene	21.19	228	3144271	101.685	ng		98
85) Indeno(1,2,3-cd)pyrene	25.51	276	1448254	59.573	ng	#	96
87) Benzo(b)fluoranthene	22.70	252	4373646	140.866	ng	#	94
88) Benzo(k)fluoranthene	22.70	252	4374763	148.218	ng	#	97
89) Benzo(a)pyrene	23.25	252	2569454	93.908	ng	#	97
90) Dibenzo(a,h)anthracene	25.51	278	399031	17.846	ng	#	82
91) Benzo(g,h,i)perylene	26.19	276	1434523	68.619	ng	#	88

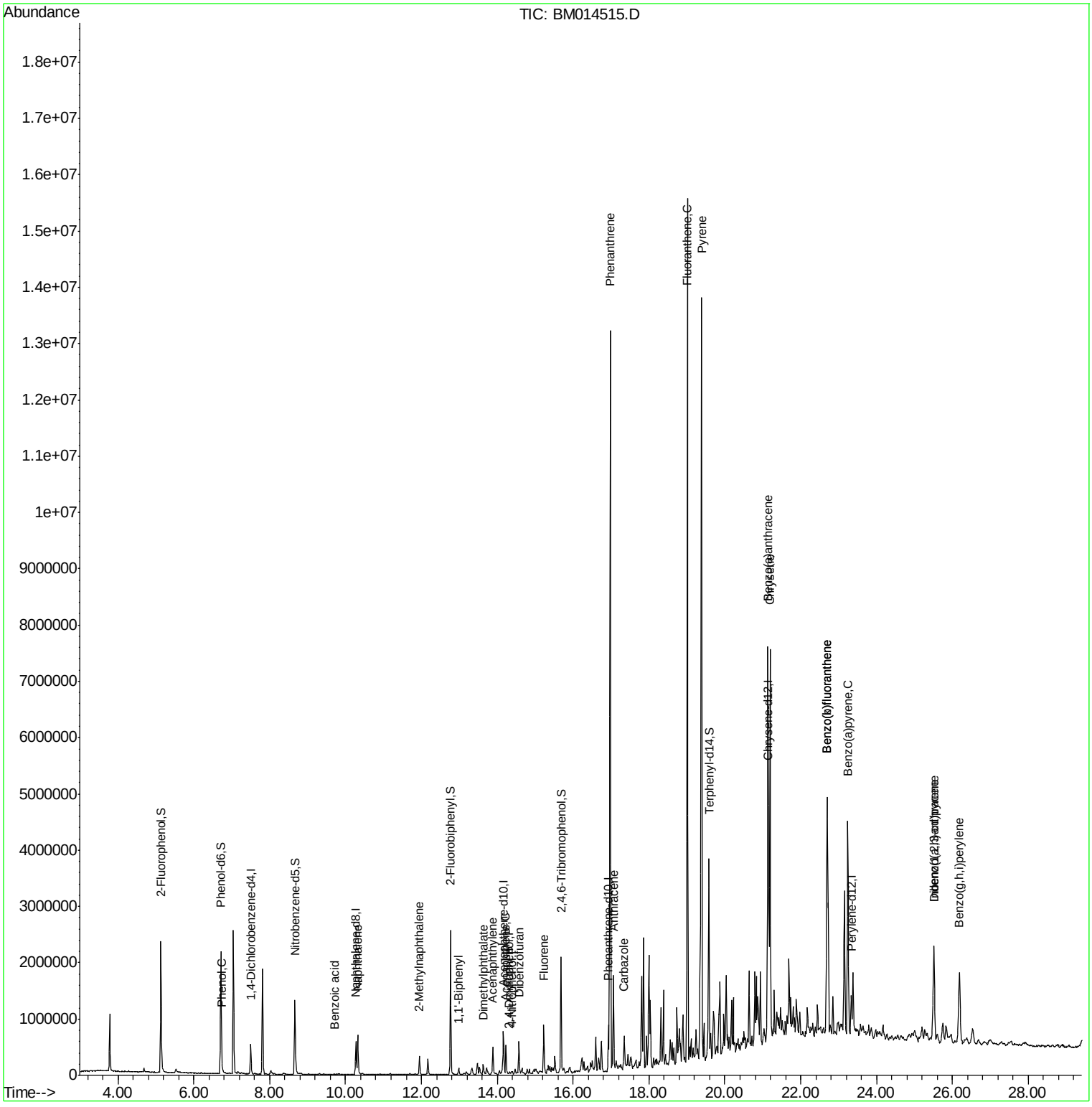
(#) = qualifier out of range (m) = manual integration (+) = signals summed

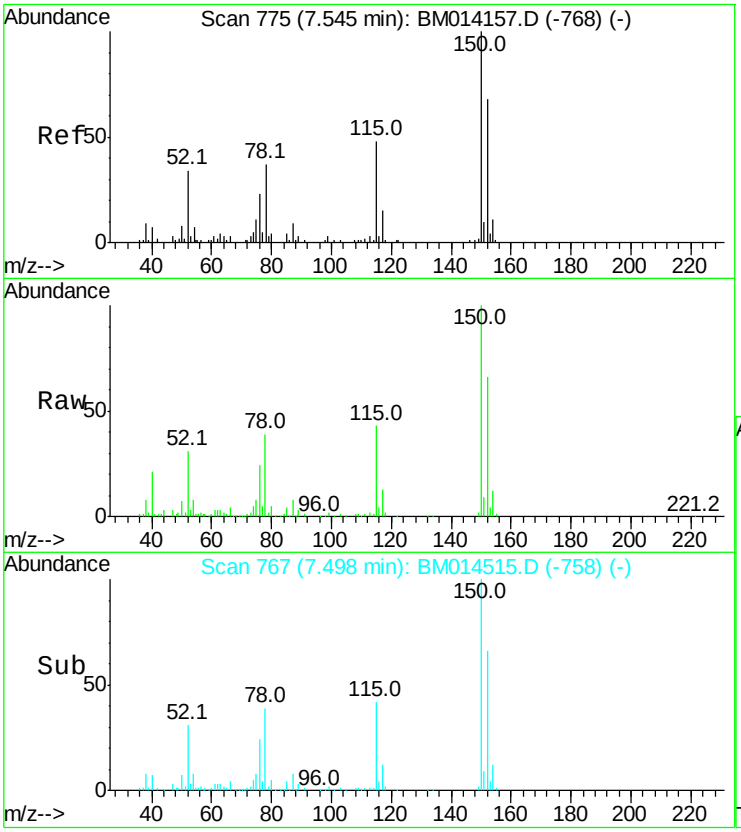
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014515.D
Acq On : 07 Mar 2018 01:24
Operator : SJ/JU
Sample : J1741-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 07 04:01:13 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration



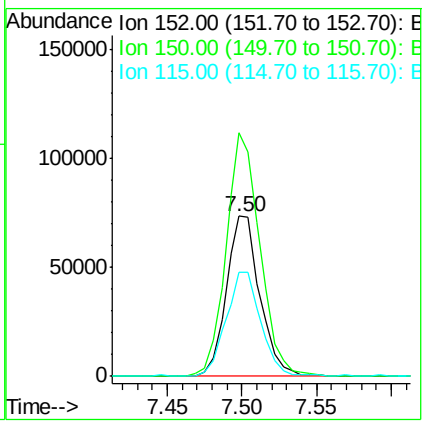


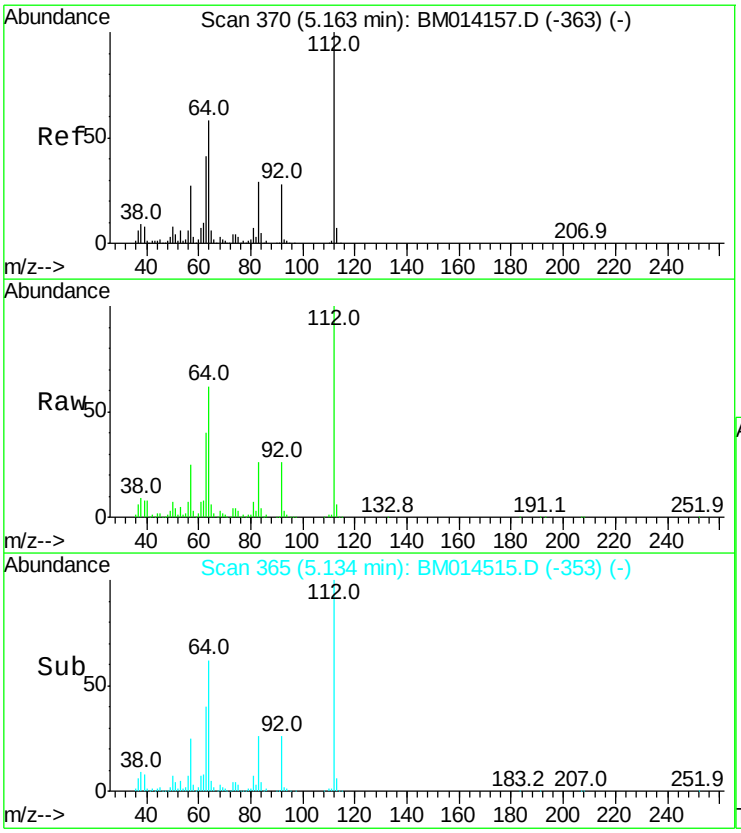
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.05 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 115337

Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	64.7	43.0	64.4#

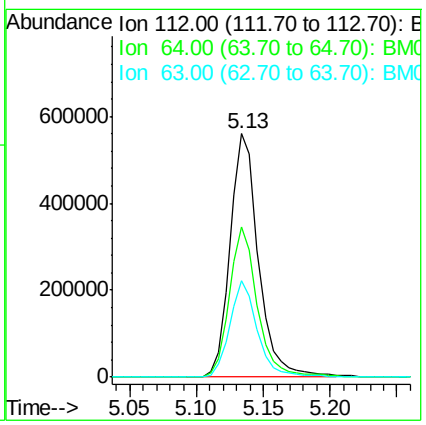


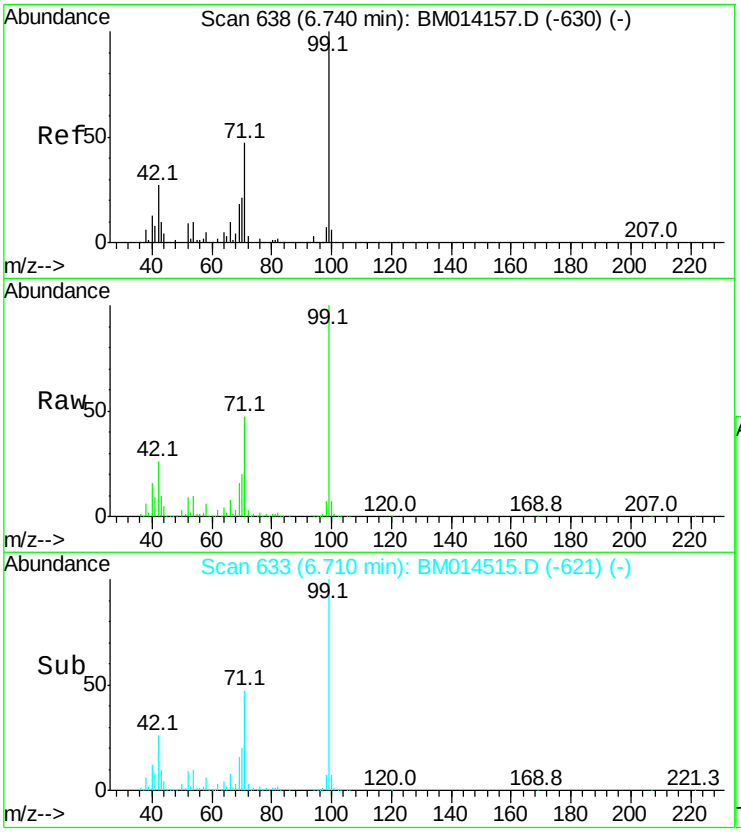


#5
2-Fluorophenol
Concen: 125.830 ng
RT: 5.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:112 Resp: 832646

Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8#
63	39.6	19.3	28.9#



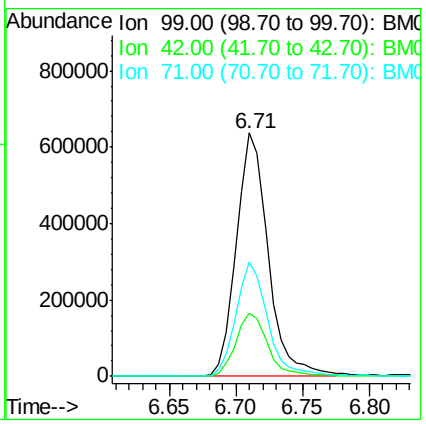


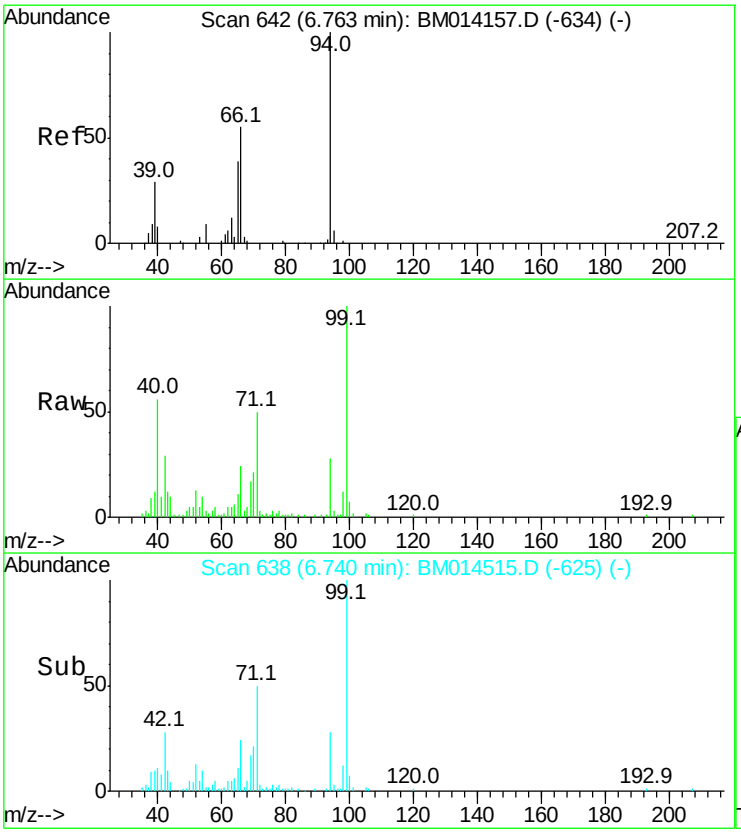
#7
Phenol-d6
Concen: 112.440 ng
RT: 6.71 min Scan# 633
Delta R.T. -0.03 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1053769

Ion	Ratio	Lower	Upper
99	100		
42	25.9	11.0	16.4#
71	46.9	23.4	35.2#

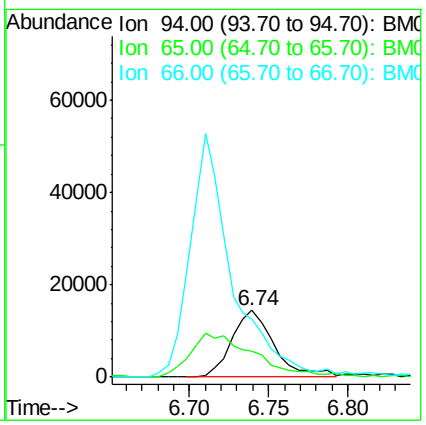


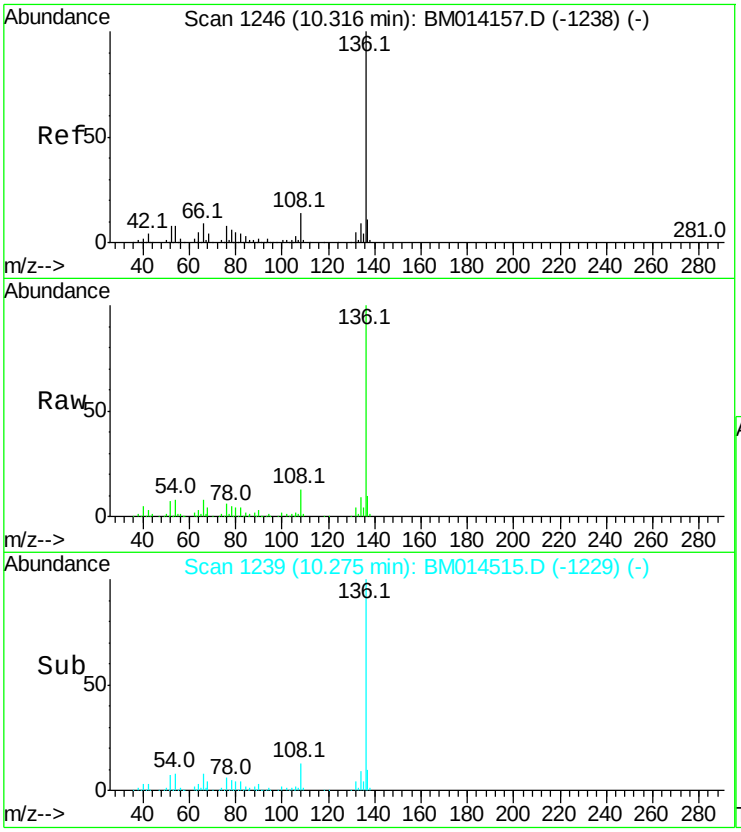


#10
Phenol
Concen: 2.891 ng
RT: 6.74 min Scan# 638
Delta R.T. -0.02 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion: 94 Resp: 26745

Ion	Ratio	Lower	Upper
94	100		
65	38.7	18.8	58.8
66	87.4	39.9	79.9#



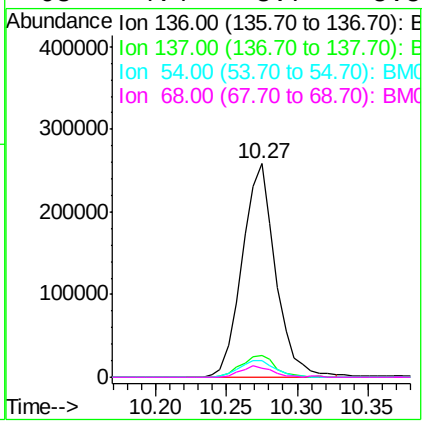


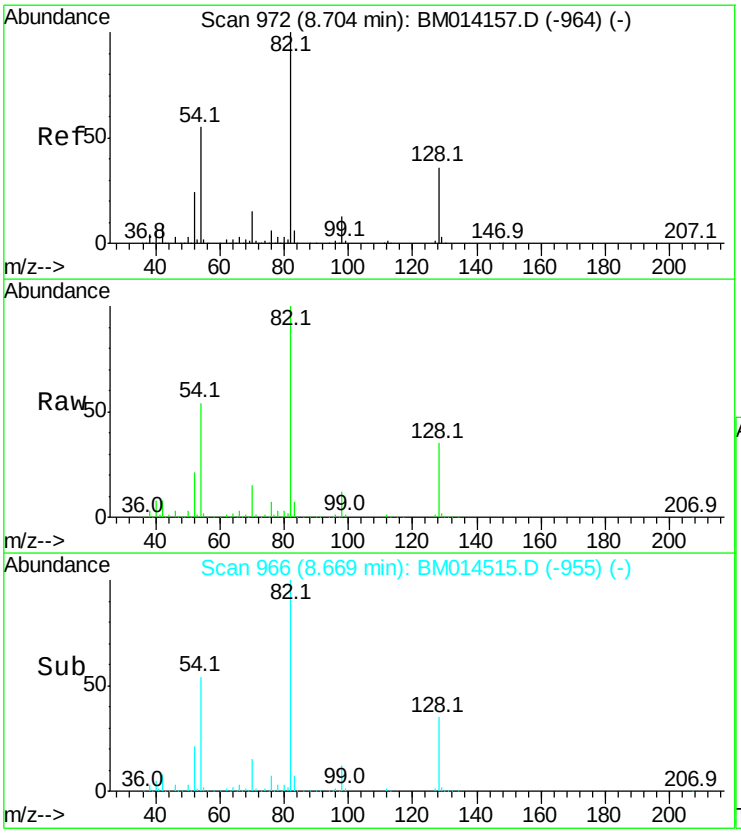
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 427856

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	7.8	4.6	6.8#
68	4.4	3.7	5.5

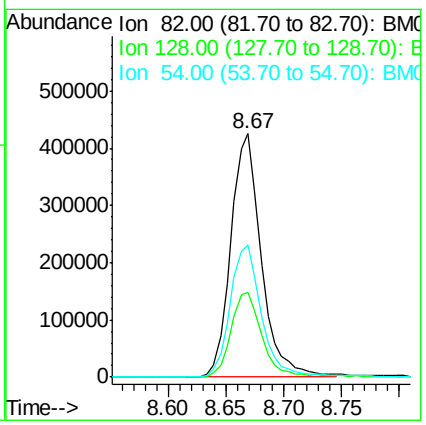


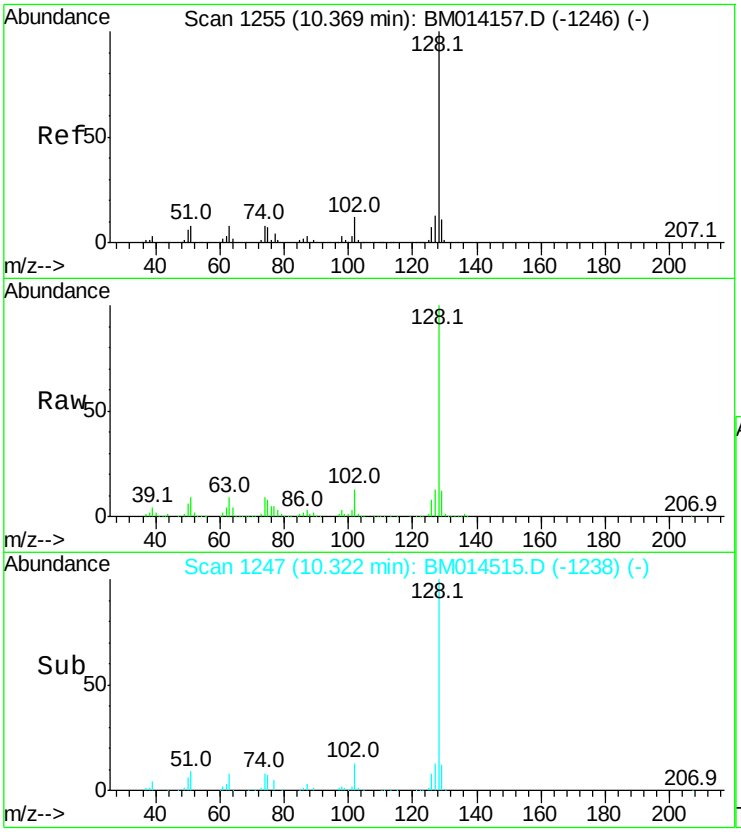


#23
Nitrobenzene-d5
Concen: 81.549 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion: 82 Resp: 781131

Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	54.4	40.6	60.8



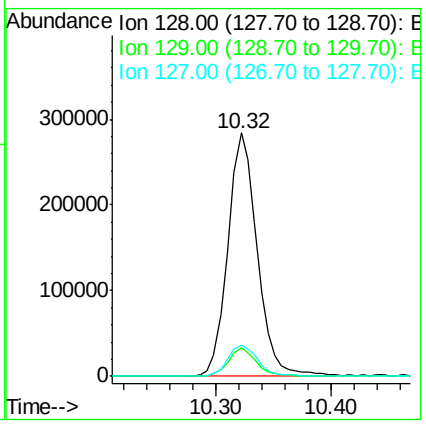


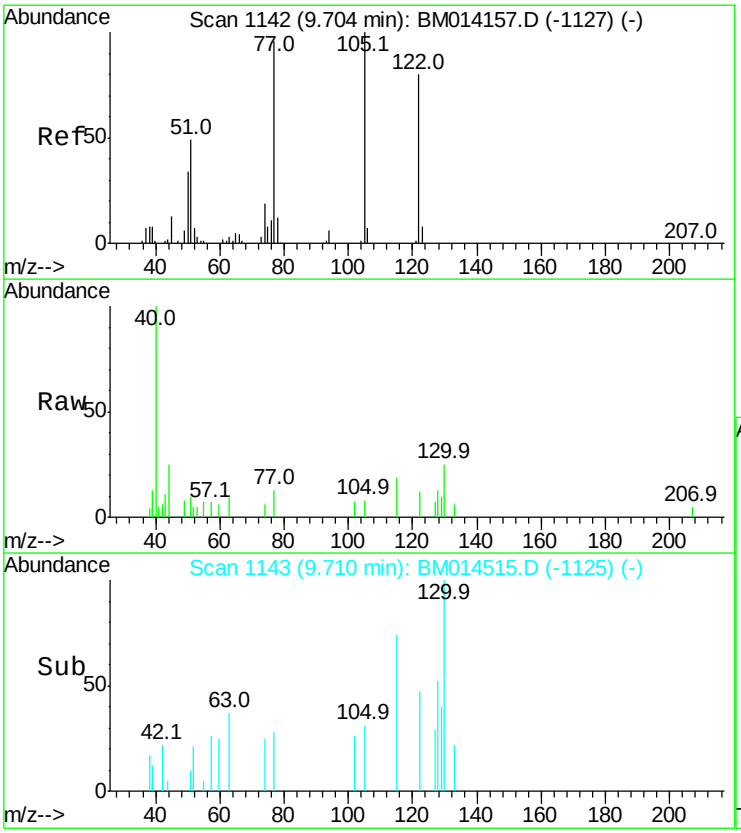
#31
Naphthalene
Concen: 21.389 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 501083

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	12.8	10.4	15.6

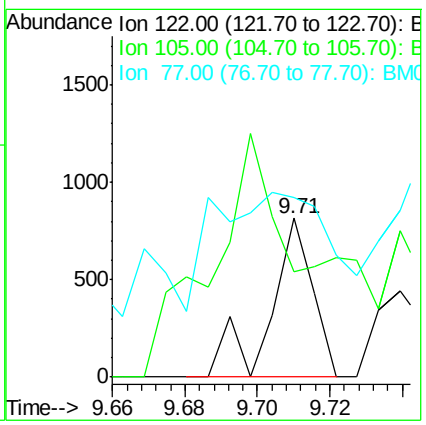


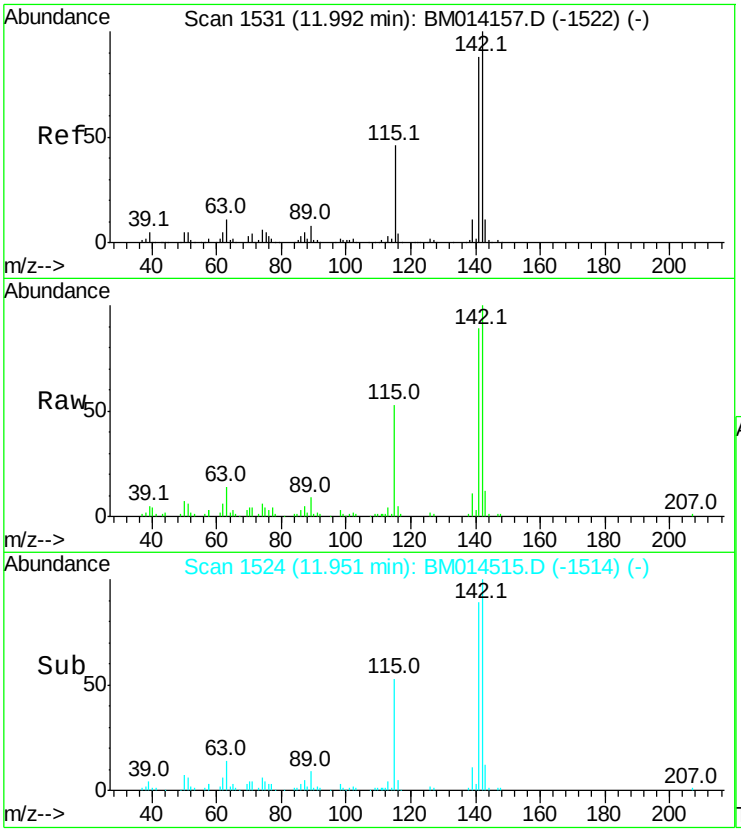


#32
Benzoic acid
Concen: 6.303 ng
RT: 9.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:122 Resp: 661

Ion	Ratio	Lower	Upper
122	100		
105	66.3	99.9	139.9#
77	112.8	73.7	113.7



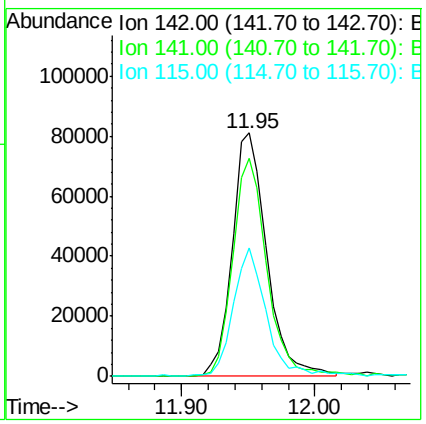


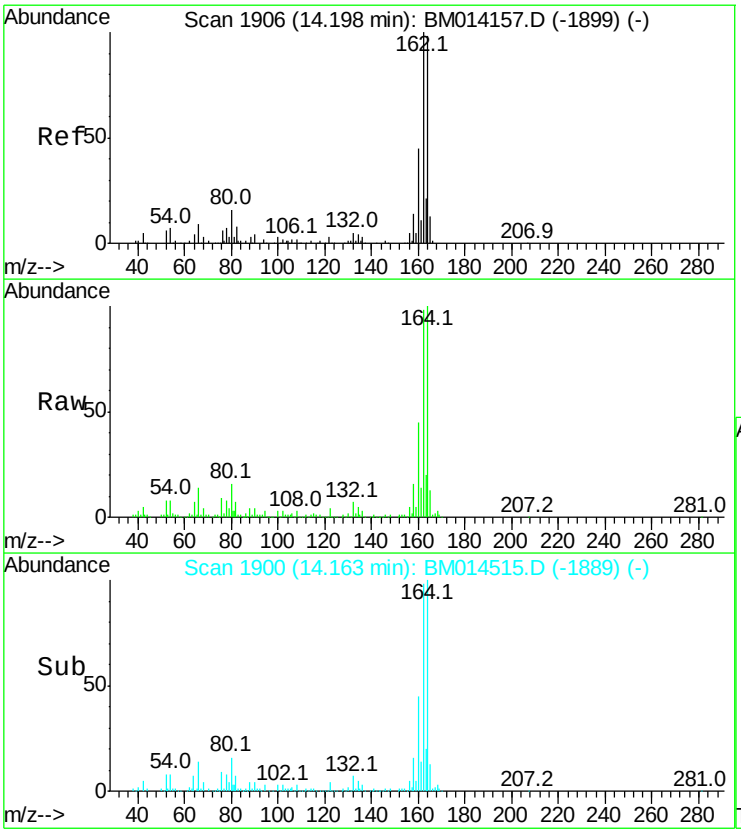
#37
2-Methylnaphthalene
Concen: 8.247 ng
RT: 11.95 min Scan# 1524
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 145500

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	52.9	25.4	38.0#

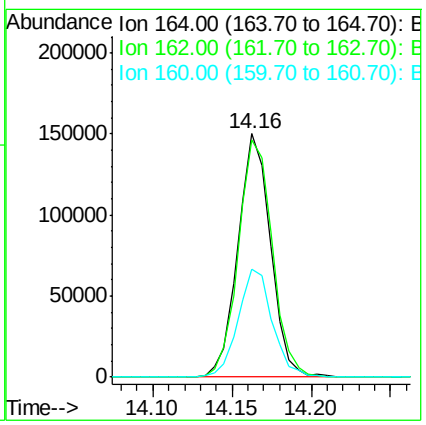


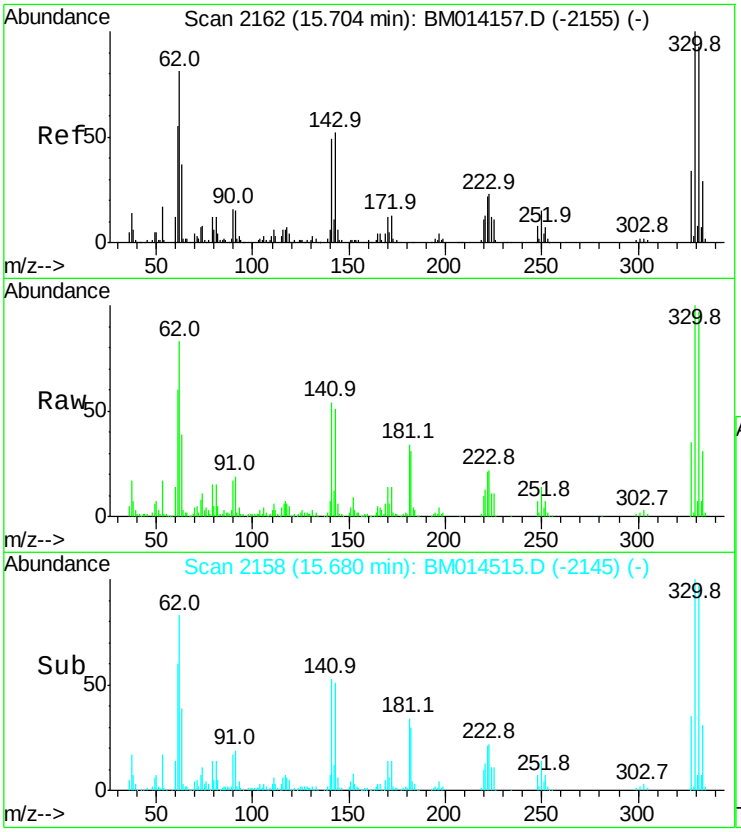


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1900
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:164 Resp: 214735

Ion	Ratio	Lower	Upper
164	100		
162	97.6	82.4	123.6
160	44.6	35.8	53.6



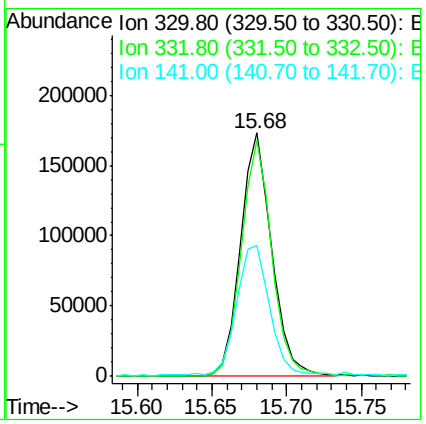


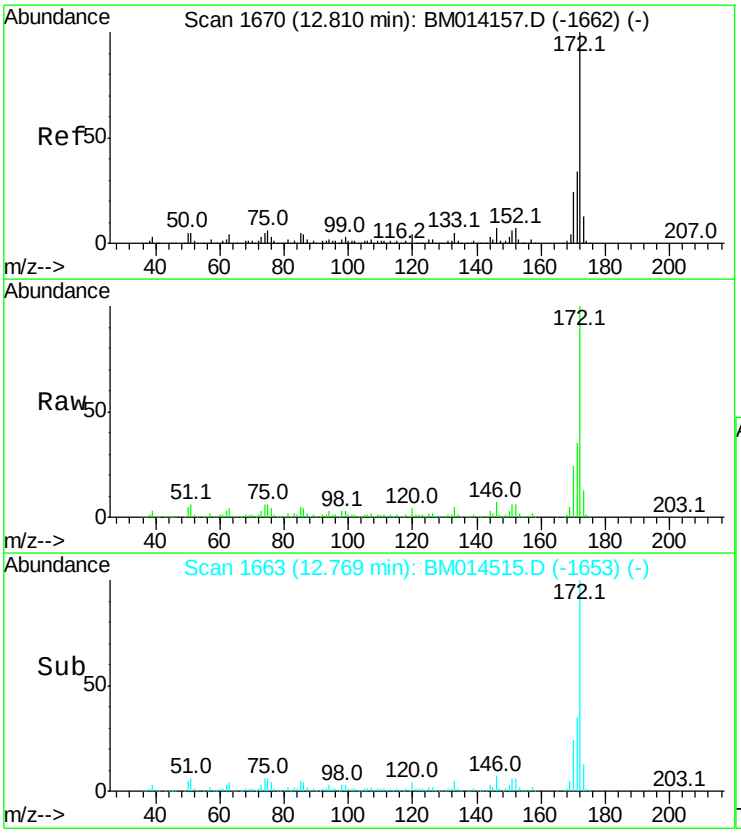
#41
2,4,6-Tribromophenol
Concen: 82.089 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 250127

Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	57.4	0.0	0.0#

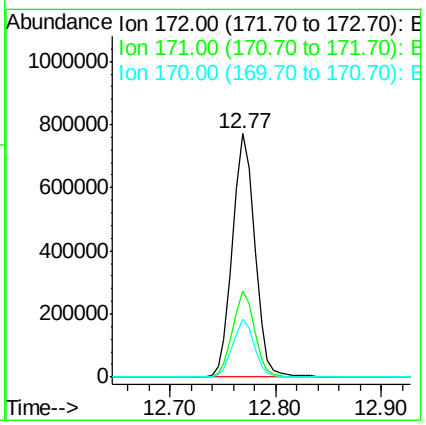


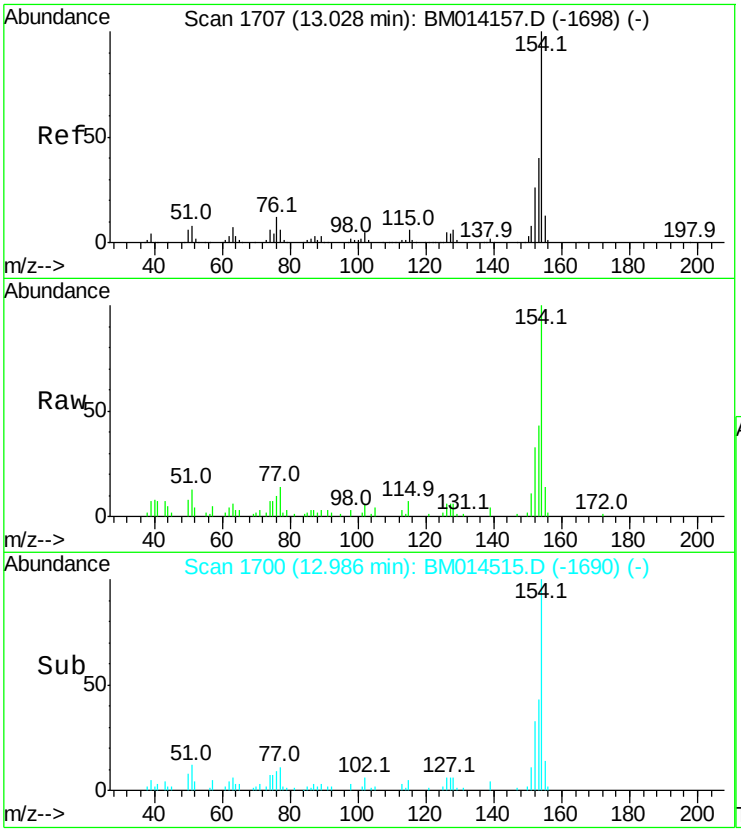


#44
2-Fluorobiphenyl
Concen: 65.669 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:172 Resp: 1129644

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.9	18.8	28.2



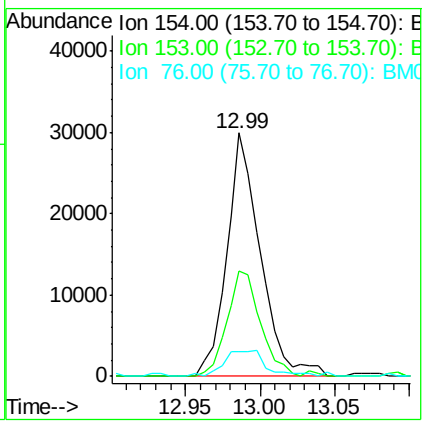


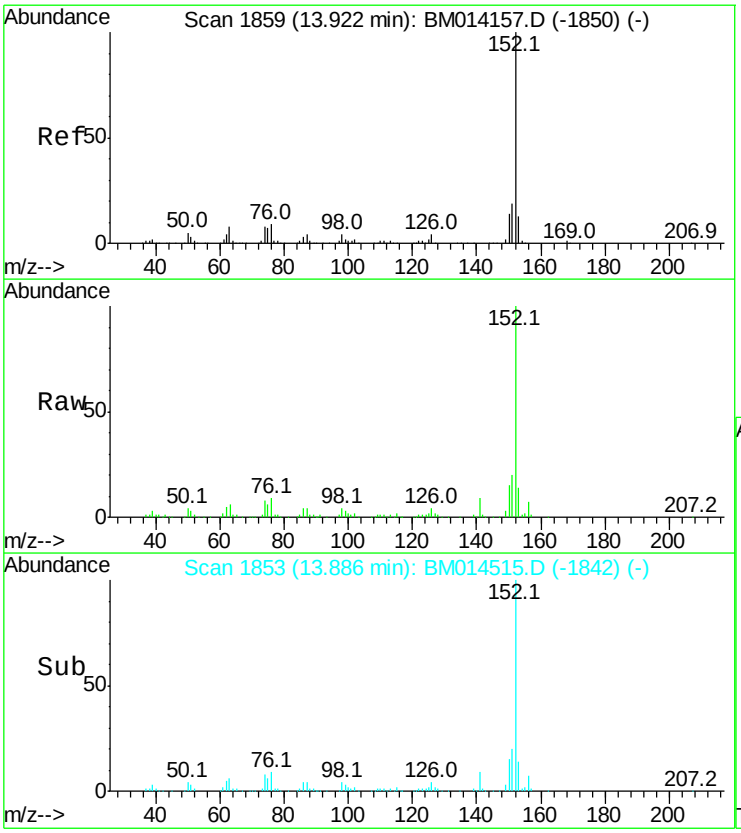
#45
1,1'-Biphenyl
Concen: 2.519 ng
RT: 12.99 min Scan# 1700
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 46853

Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.7	60.7
76	10.0	0.0	30.9

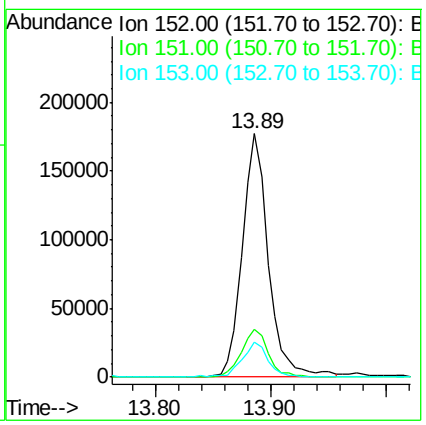


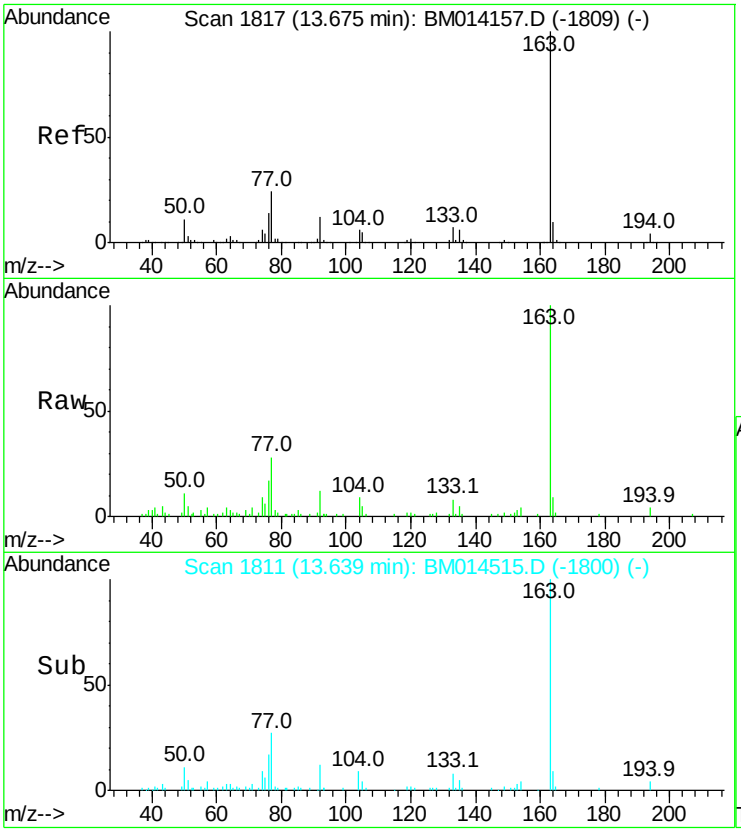


#48
Acenaphthylene
Concen: 12.035 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:152 Resp: 278655

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	14.5	10.6	16.0



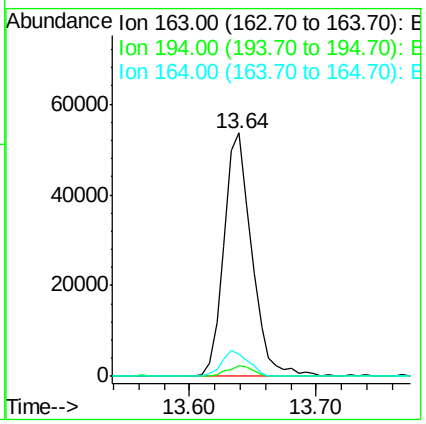


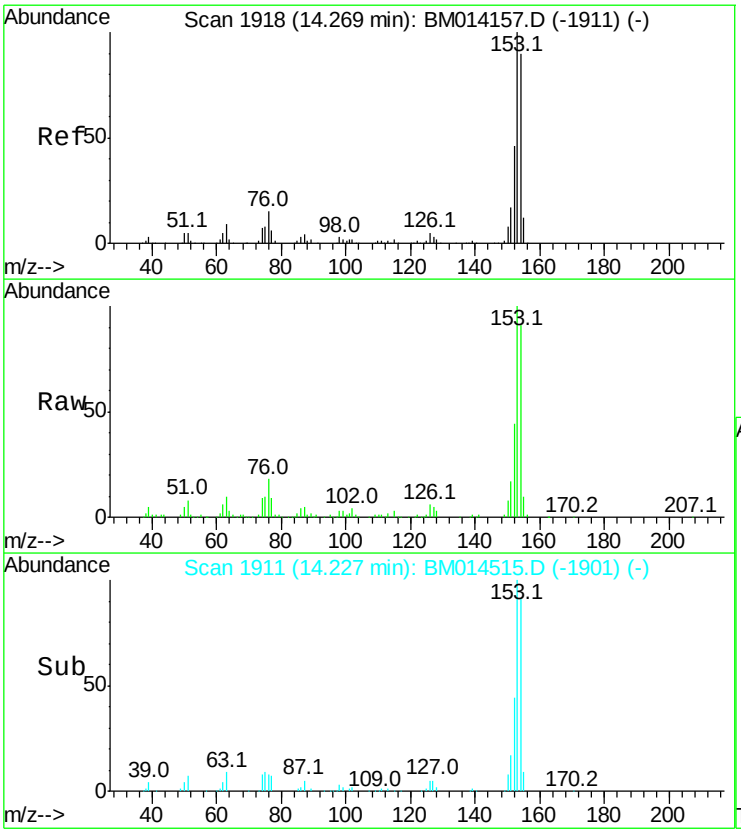
#49
Dimethylphthalate
Concen: 4.237 ng
RT: 13.64 min Scan# 1811
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 81453

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	8.9	8.2	12.2

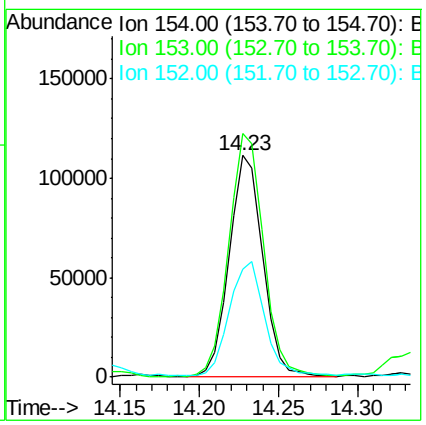


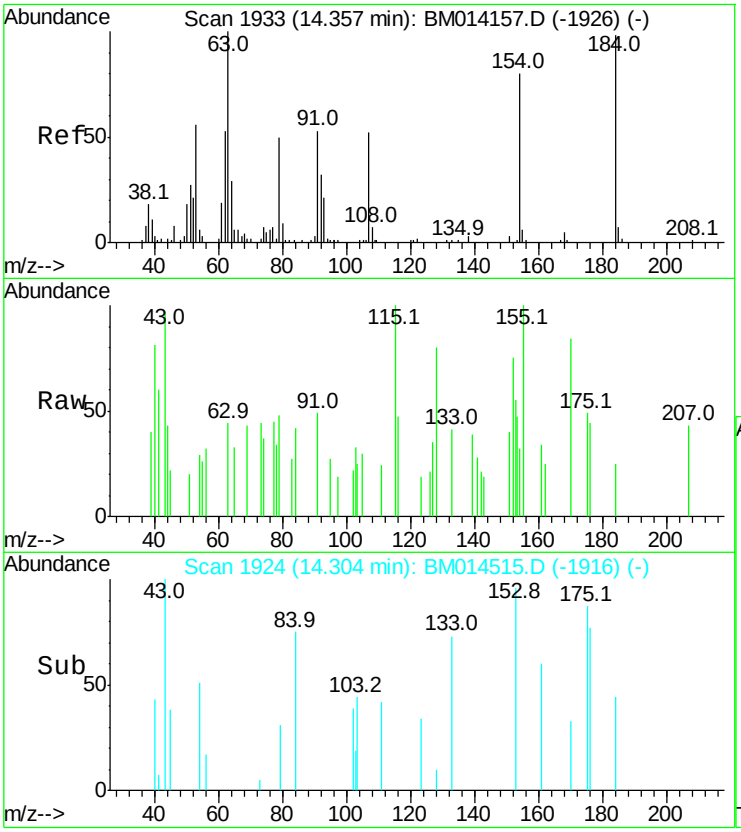


#51
Acenaphthene
Concen: 11.460 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:154 Resp: 163555

Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.0	135.0
152	48.9	42.6	63.8



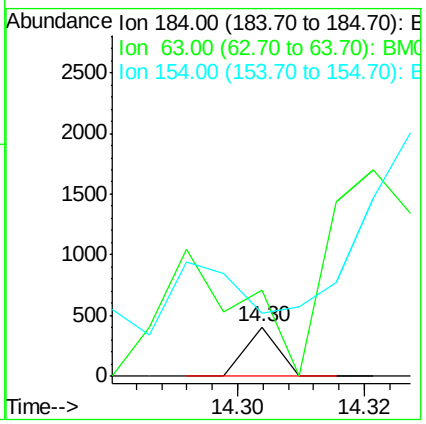


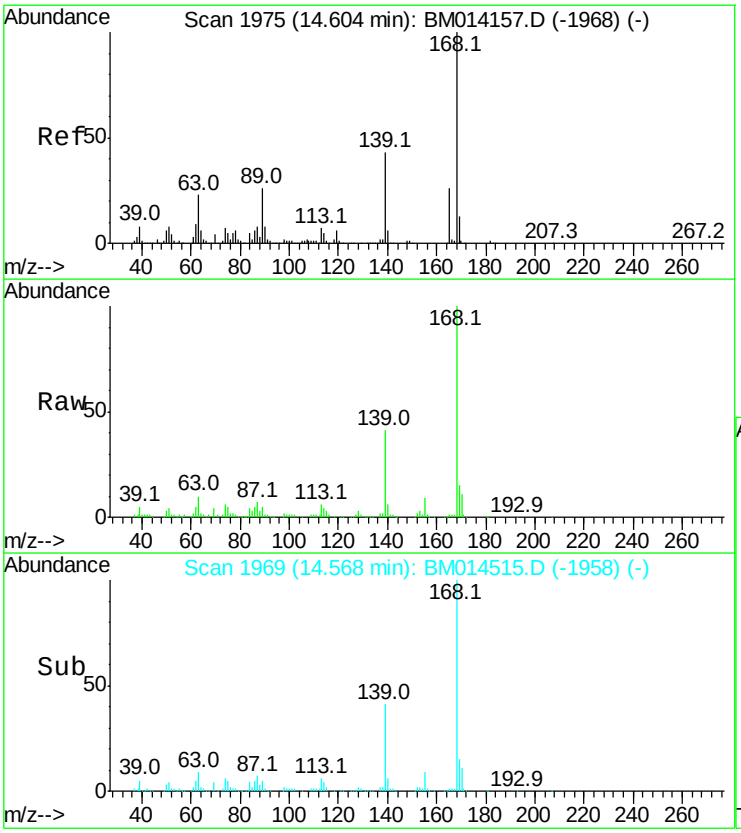
#53
2,4-Dinitrophenol
Concen: 7.729 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 143

Ion	Ratio	Lower	Upper
184	100		
63	174.4	69.2	103.8#
154	128.8	53.3	79.9#

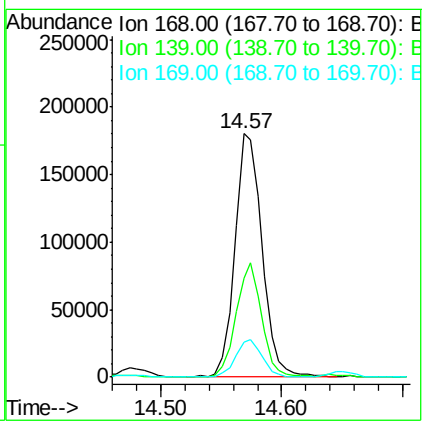


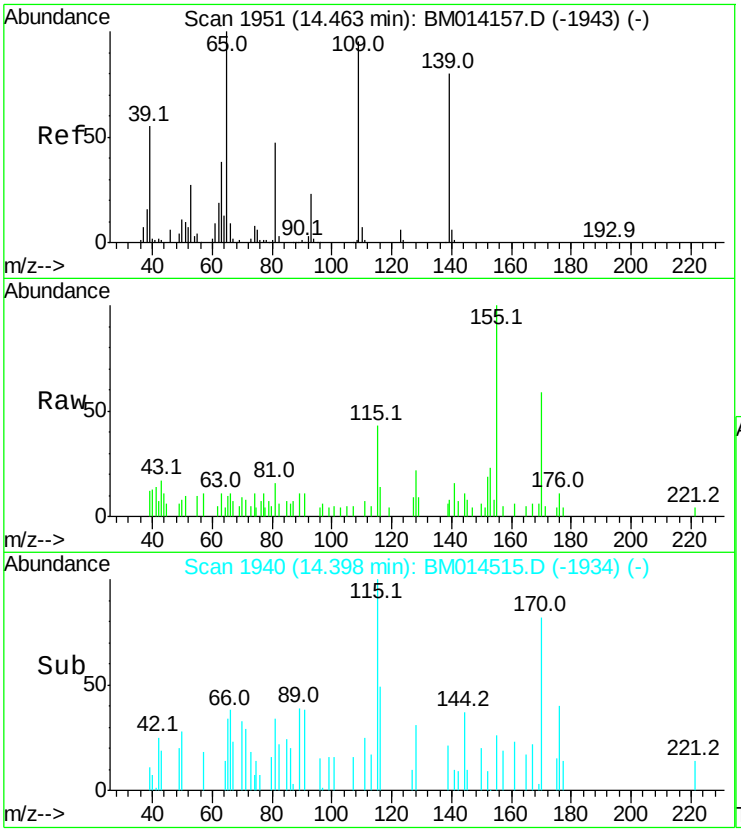


#54
Dibenzofuran
Concen: 12.693 ng
RT: 14.57 min Scan# 1969
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:168 Resp: 283072

Ion	Ratio	Lower	Upper
168	100		
139	40.8	27.3	40.9
169	14.6	10.6	16.0



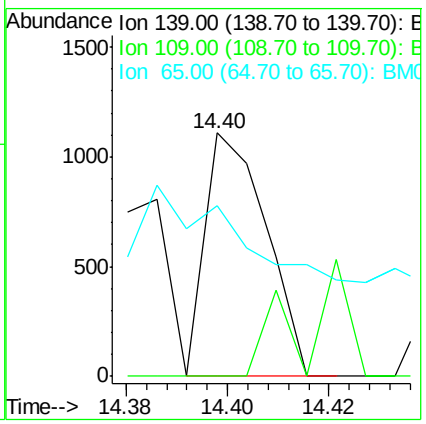


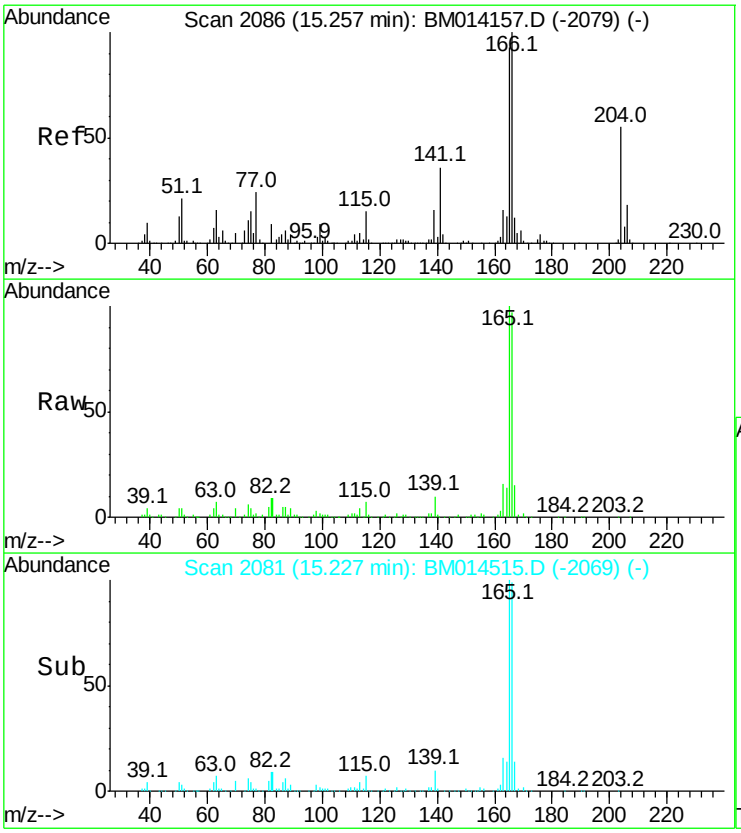
#55
4-Nitrophenol
Concen: 6.058 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.06 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 927

Ion	Ratio	Lower	Upper
139	100		
109	0.0	130.0	170.0#
65	70.2	130.0	170.0#

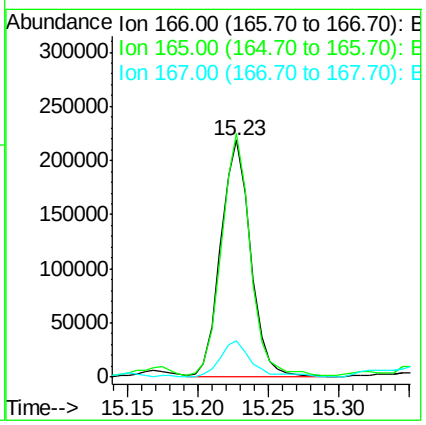


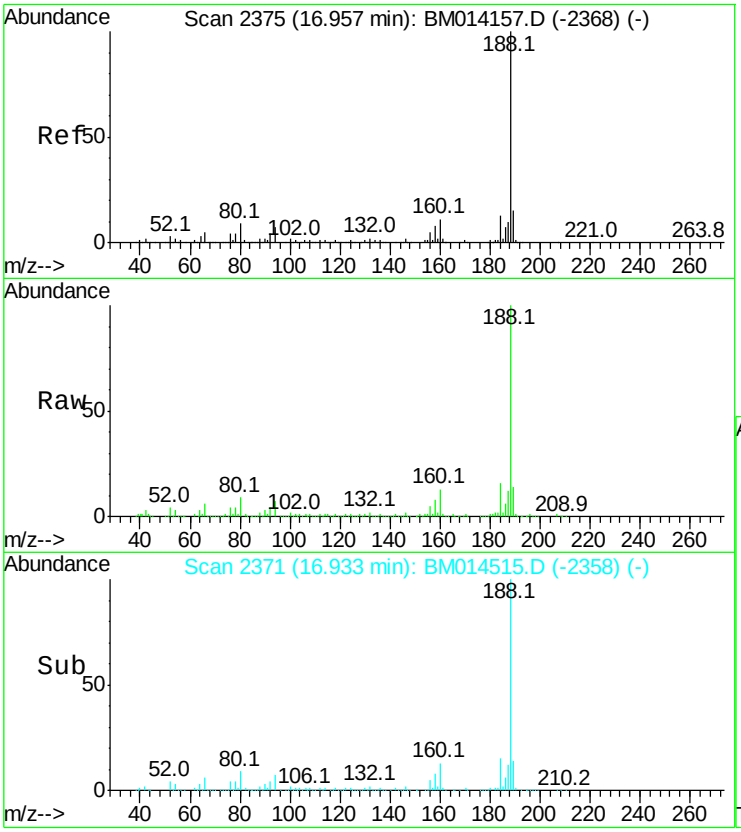


#57
Fluorene
Concen: 16.314 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:166 Resp: 320075

Ion	Ratio	Lower	Upper
166	100		
165	102.7	79.0	118.4
167	15.2	10.3	15.5



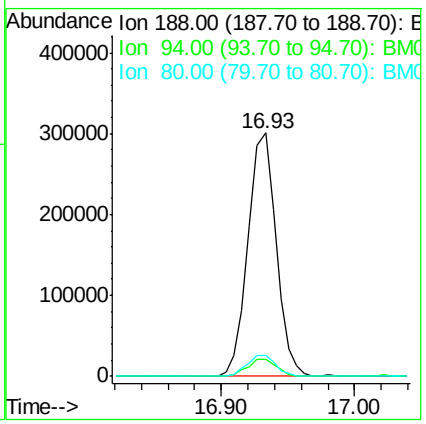


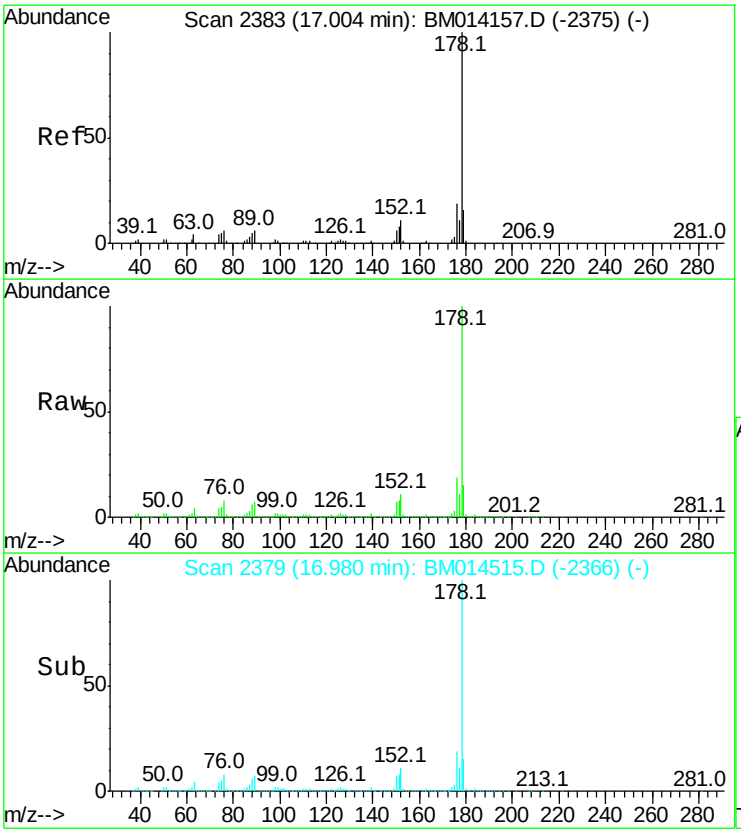
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 438303

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	8.7	9.3	13.9#

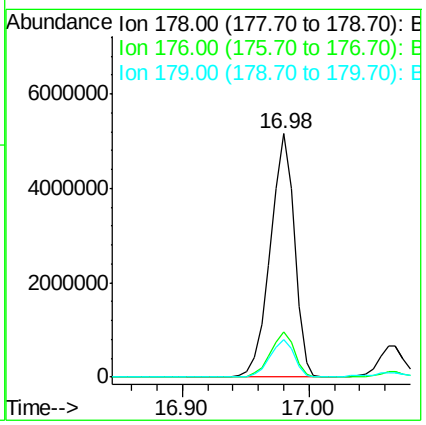


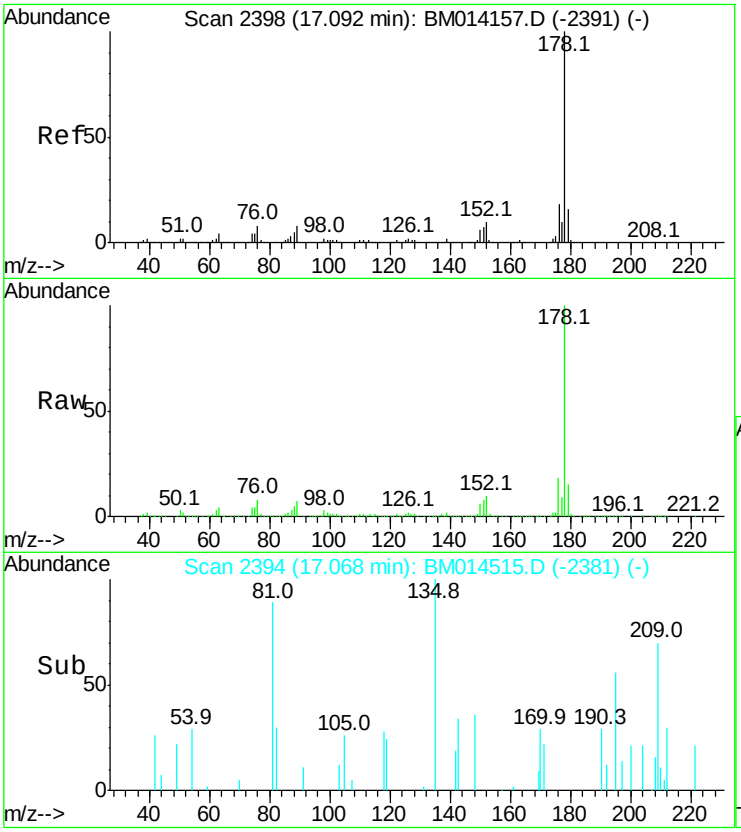


#70
Phenanthrene
Concen: 254.683 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.02 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:178 Resp: 6733862

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.2	12.1	18.1



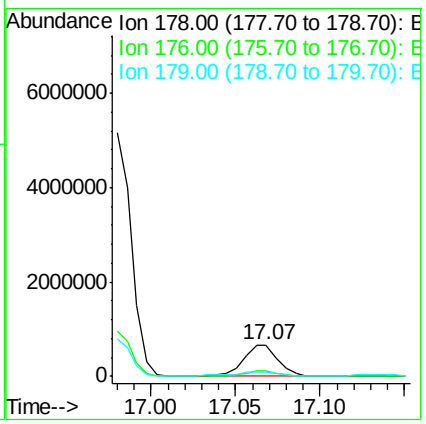


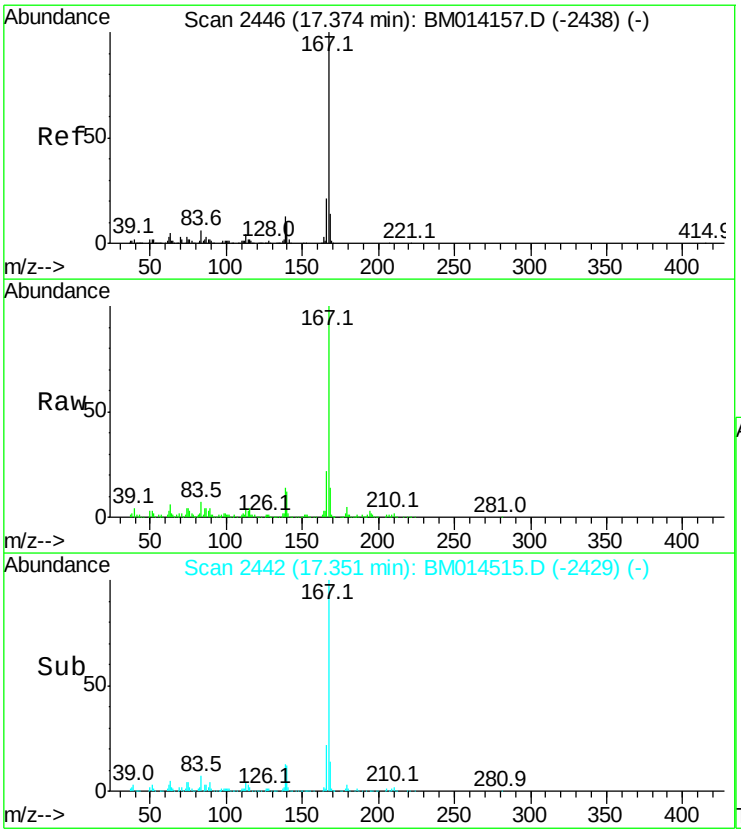
#71
Anthracene
Concen: 35.675 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 919091

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	15.2	12.6	19.0

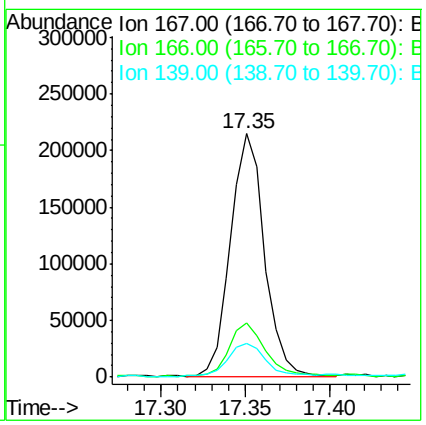


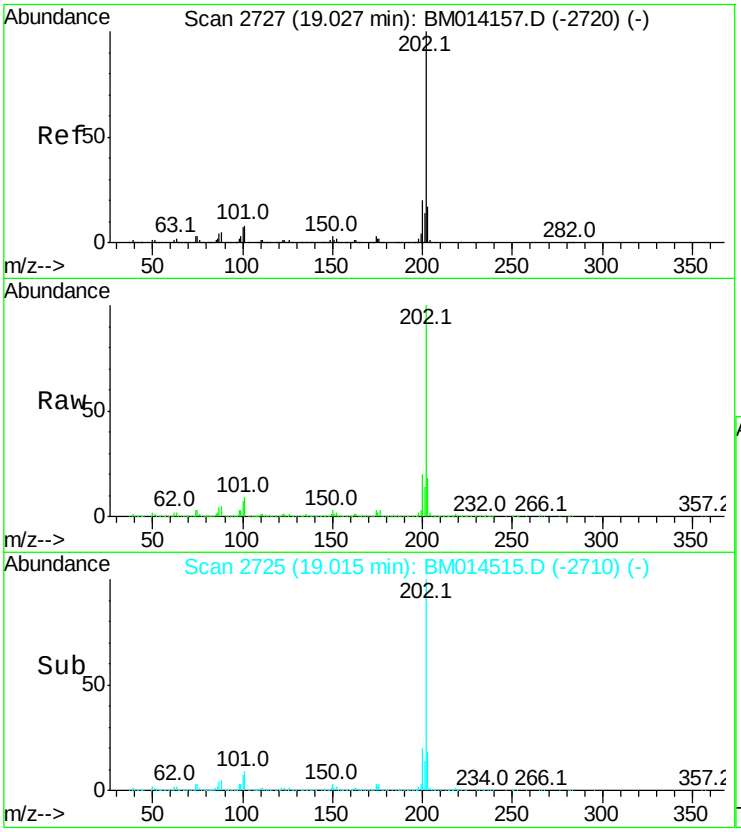


#72
Carbazole
Concen: 12.390 ng
RT: 17.35 min Scan# 2442
Delta R.T. -0.02 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:167 Resp: 300043

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	13.6	10.8	16.2



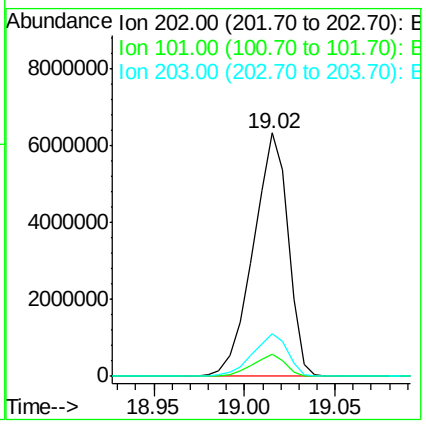


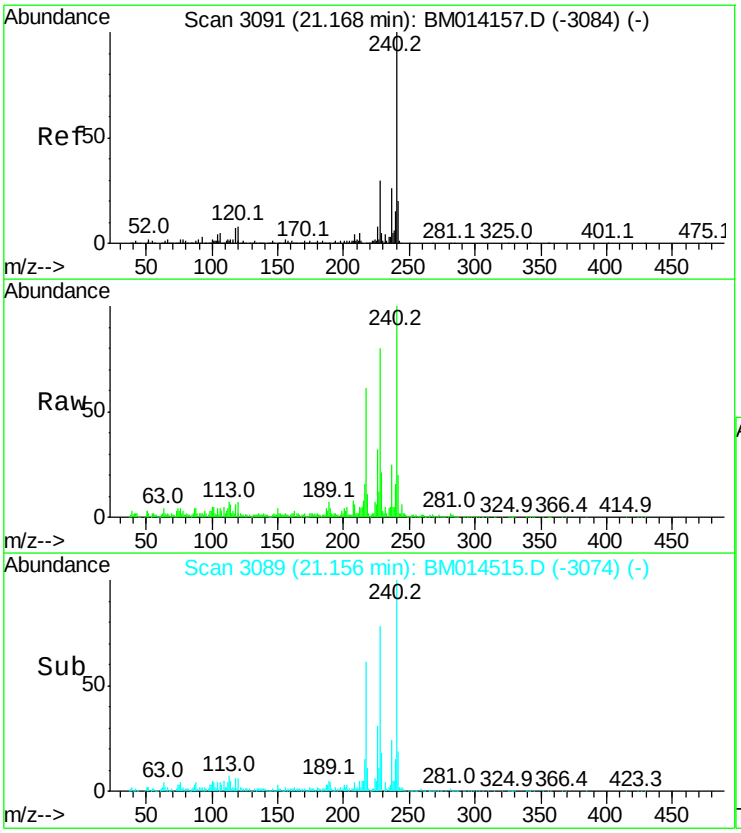
#74
Fluoranthene
Concen: 271.561 ng
RT: 19.02 min Scan# 2725
Delta R.T. -0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 8453074

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.7
203	17.6	0.0	37.2

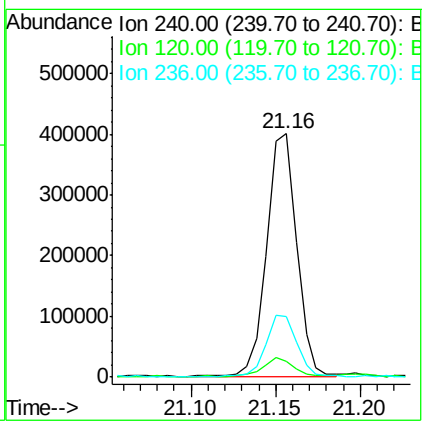


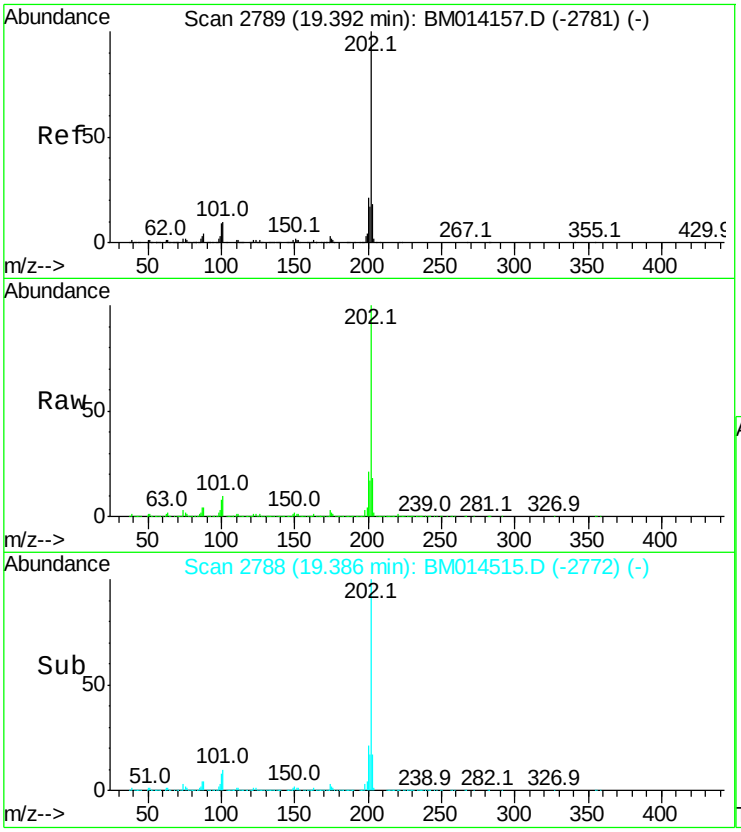


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:240 Resp: 490569

Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.2	12.2#
236	24.8	20.0	30.0



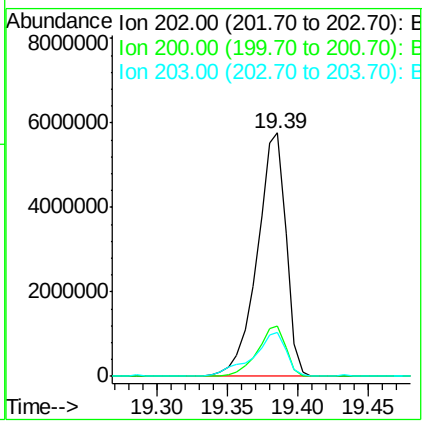


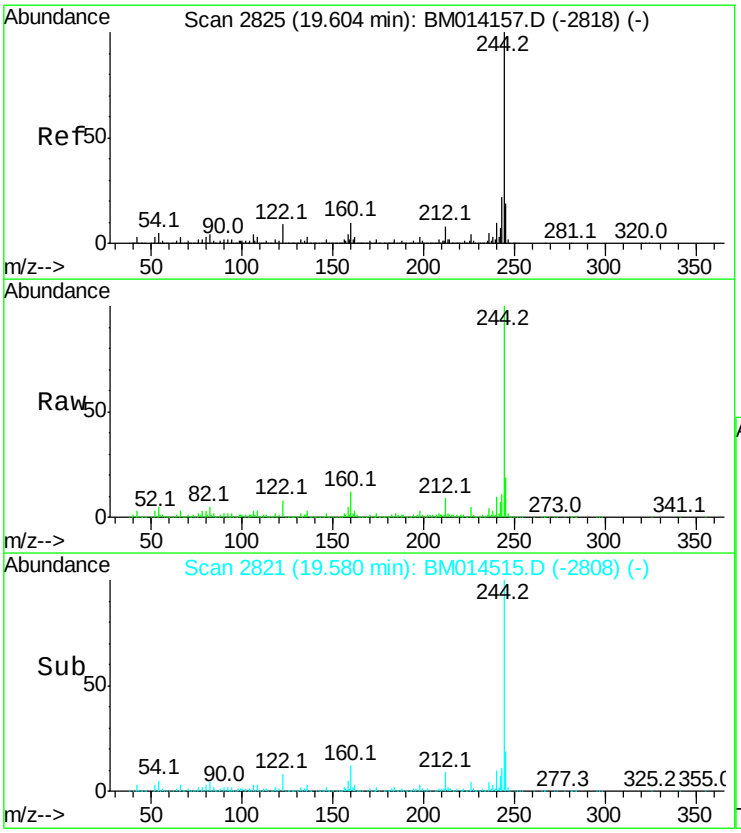
#77
Pyrene
Concen: 242.021 ng
RT: 19.39 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 8248298

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.8	14.1	21.1

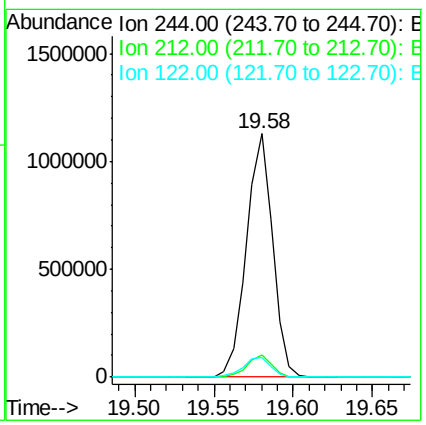


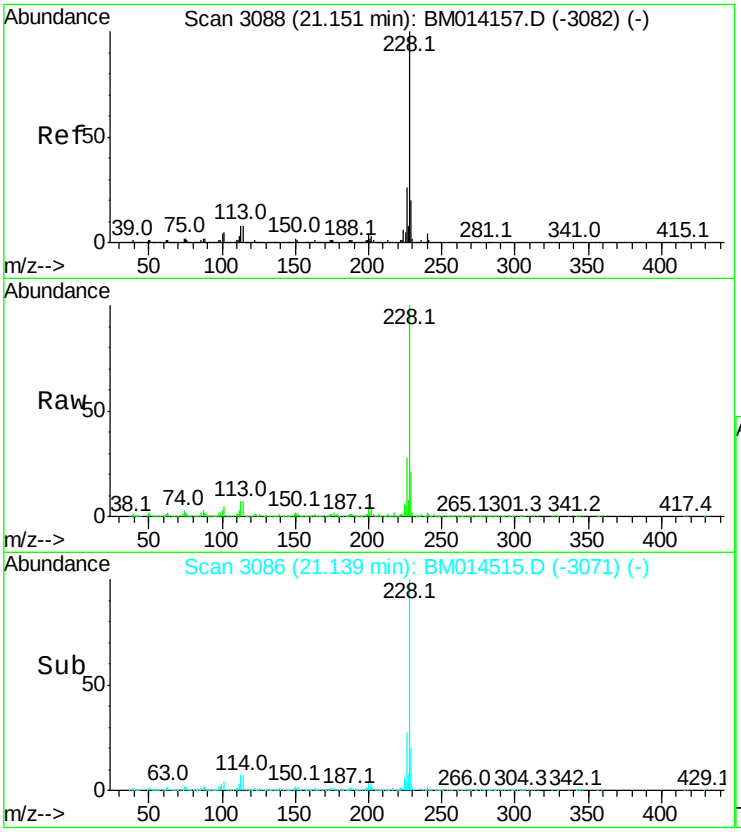


#78
Terphenyl-d14
Concen: 51.475 ng
RT: 19.58 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:244 Resp: 1292363

Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	7.9	6.2	9.4



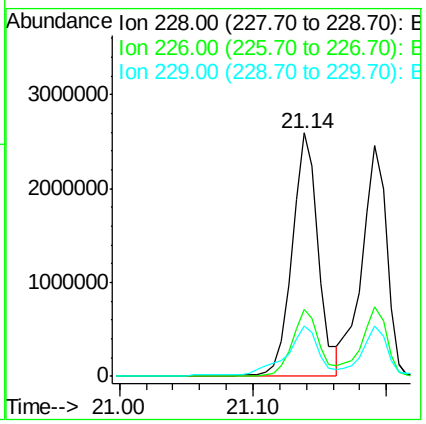


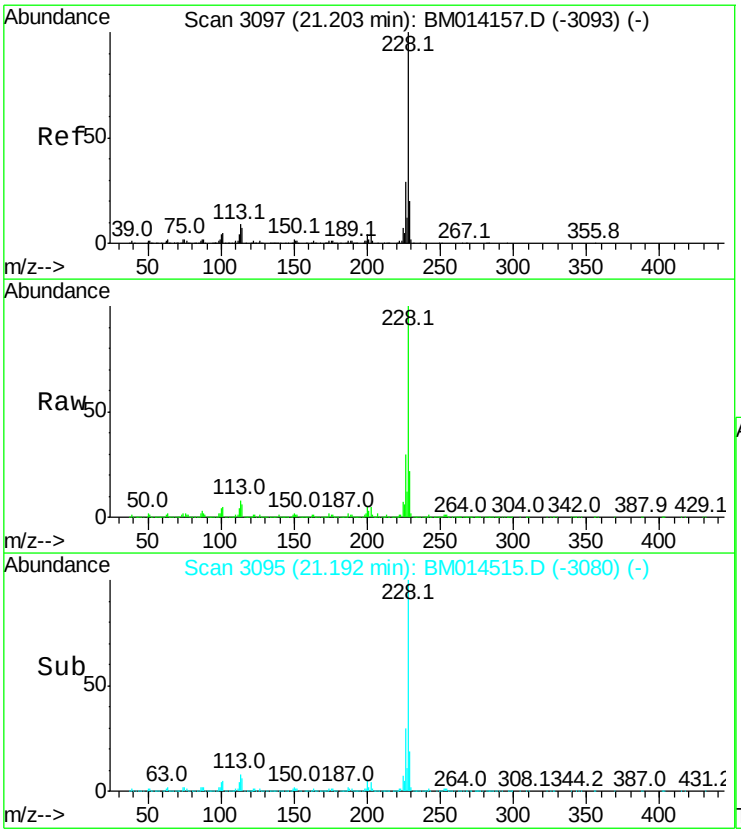
#80
Benzo(a)anthracene
Concen: 109.112 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3478110

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	20.8	16.0	24.0

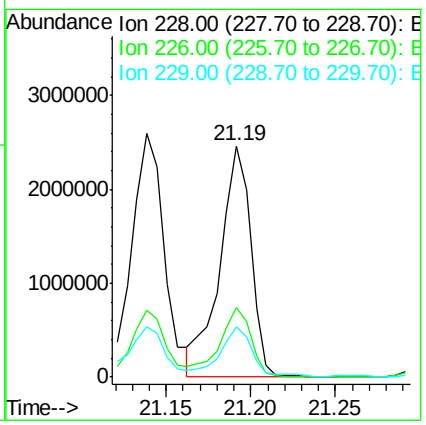


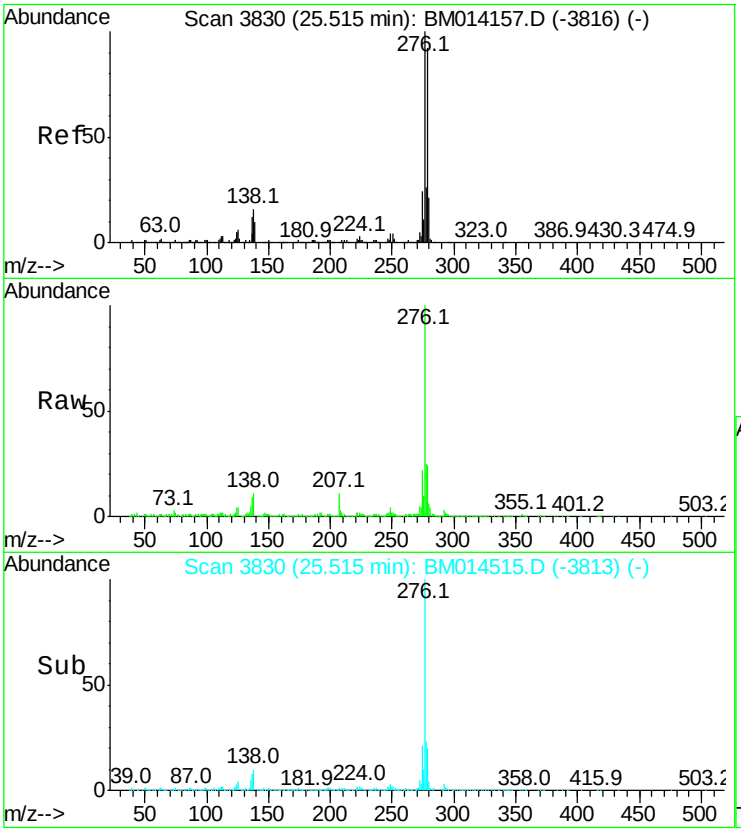


#82
Chrysene
Concen: 101.685 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:228 Resp: 3144271

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	21.9	15.5	23.3



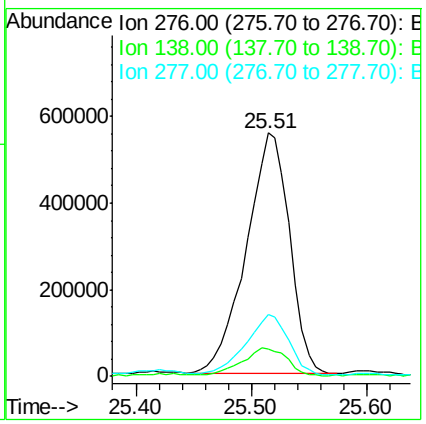


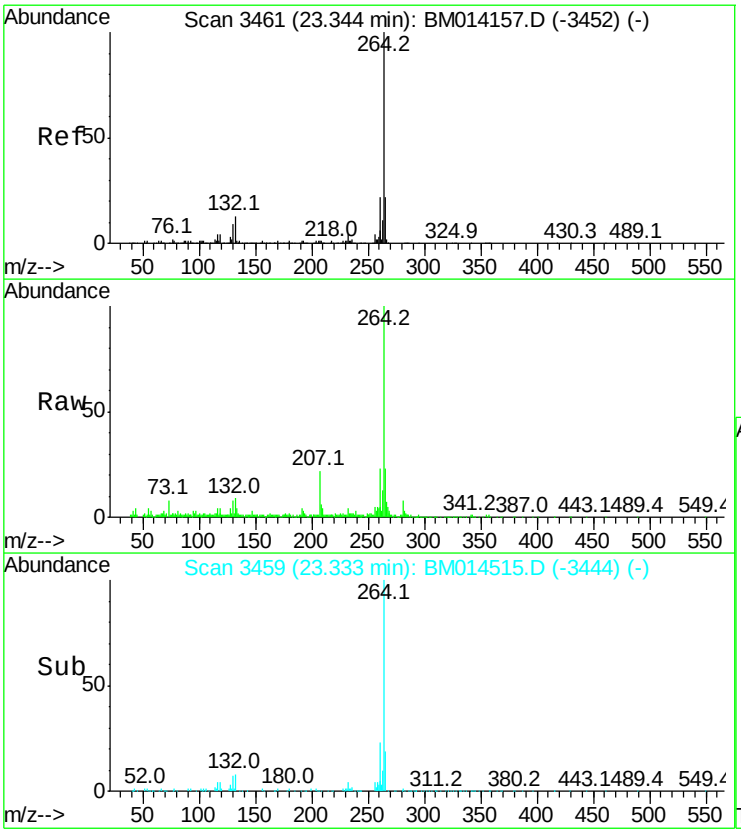
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.573 ng
RT: 25.51 min Scan# 3830
Delta R.T. -0.00 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1448254

Ion	Ratio	Lower	Upper
276	100		
138	11.6	12.0	18.0#
277	24.2	20.0	30.0

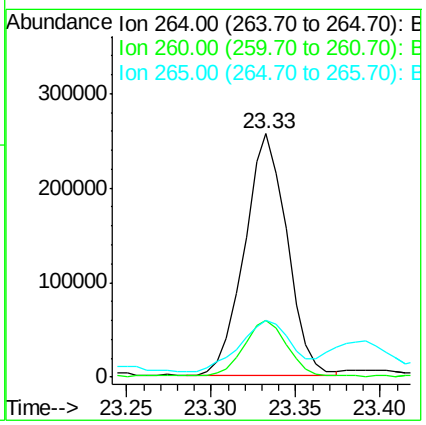


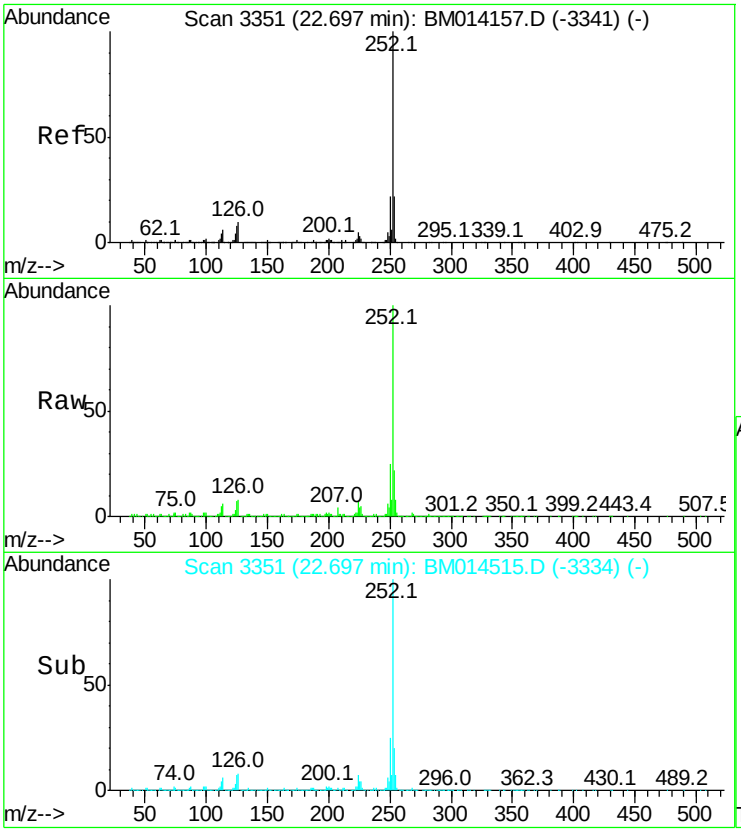


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:264 Resp: 447458

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	23.0	17.3	25.9



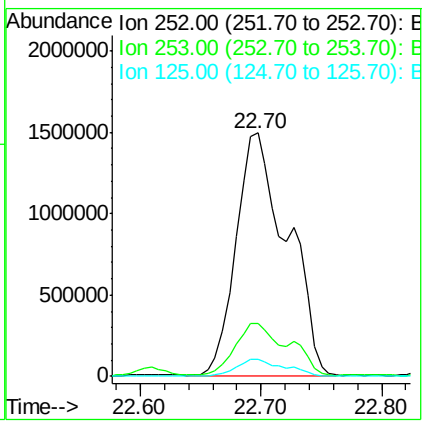


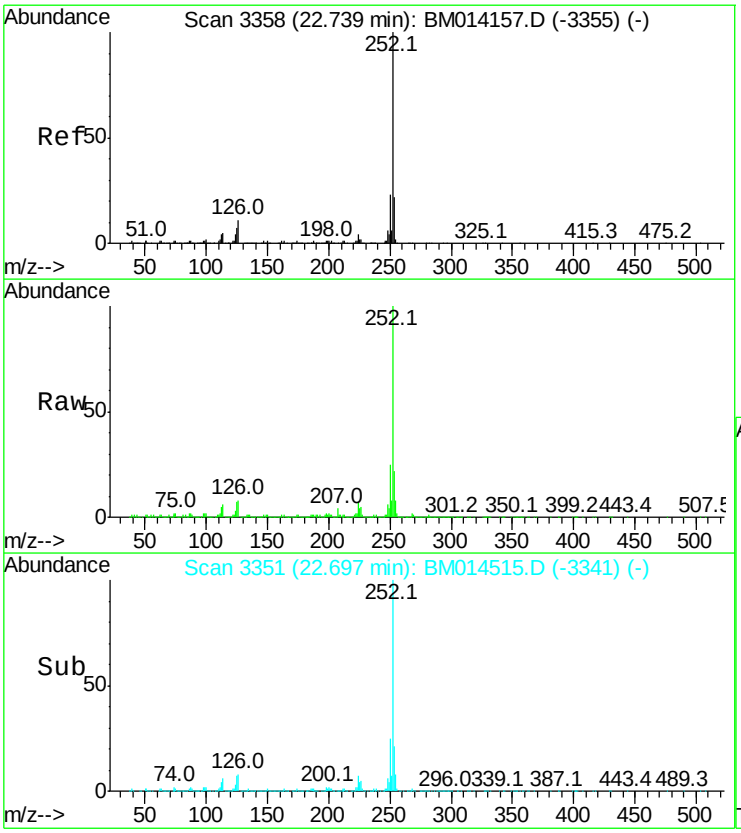
#87
Benzo(b)fluoranthene
Concen: 140.866 ng
RT: 22.70 min Scan# 3351
Delta R.T. -0.00 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4373646

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	6.8	9.9	14.9#

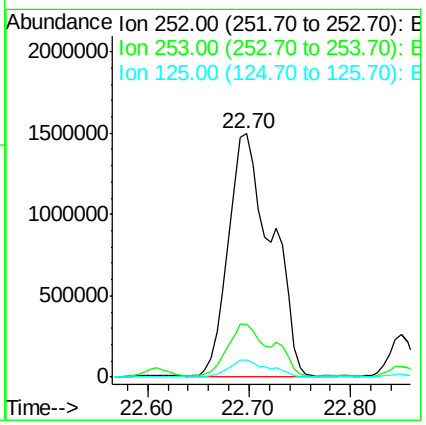


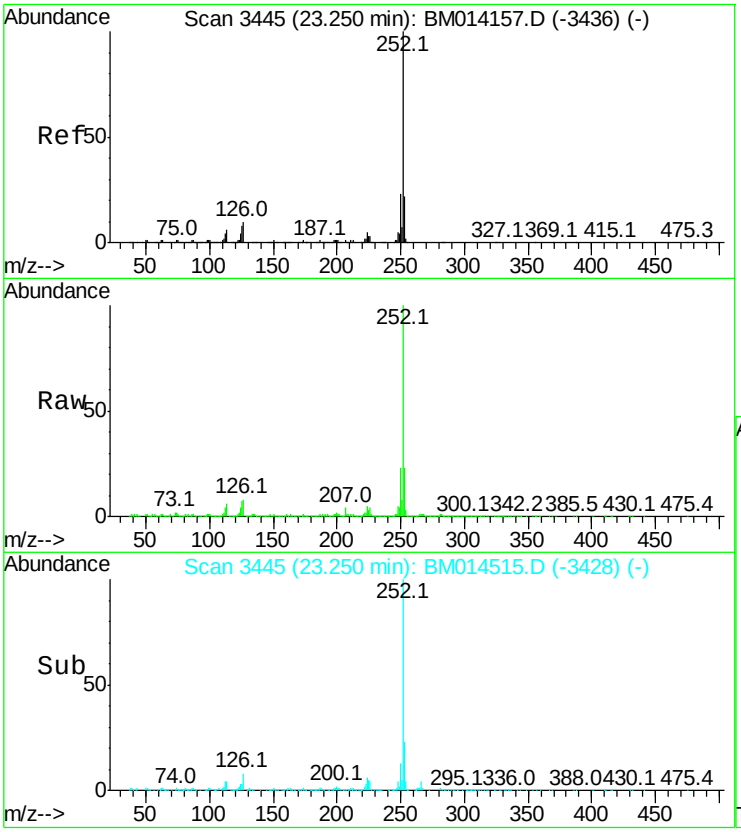


#88
Benzo(k)fluoranthene
Concen: 148.218 ng
RT: 22.70 min Scan# 3351
Delta R.T. -0.04 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:252 Resp: 4374763

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.8	8.1	12.1#



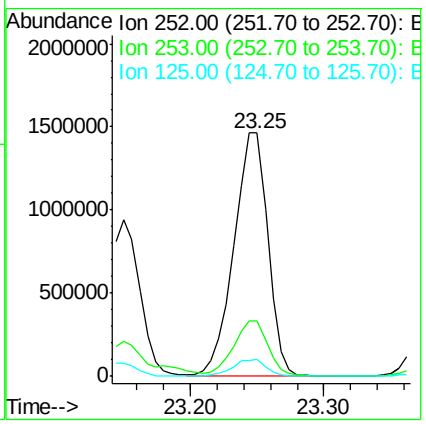


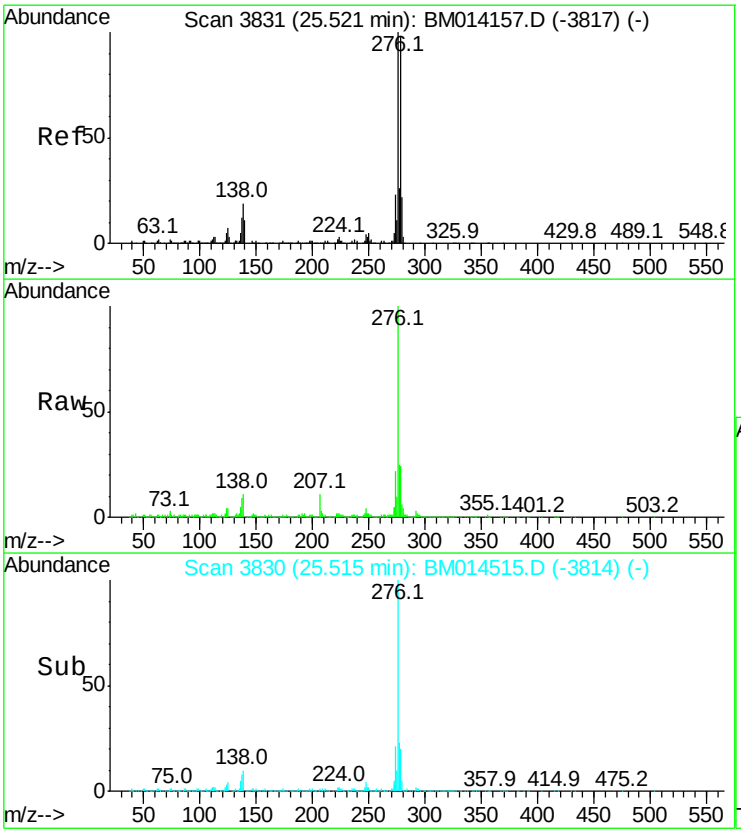
#89
Benzo(a)pyrene
Concen: 93.908 ng
RT: 23.25 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2569454

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	6.8	7.4	11.2#

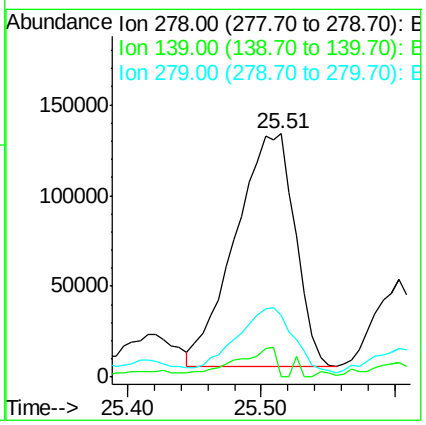


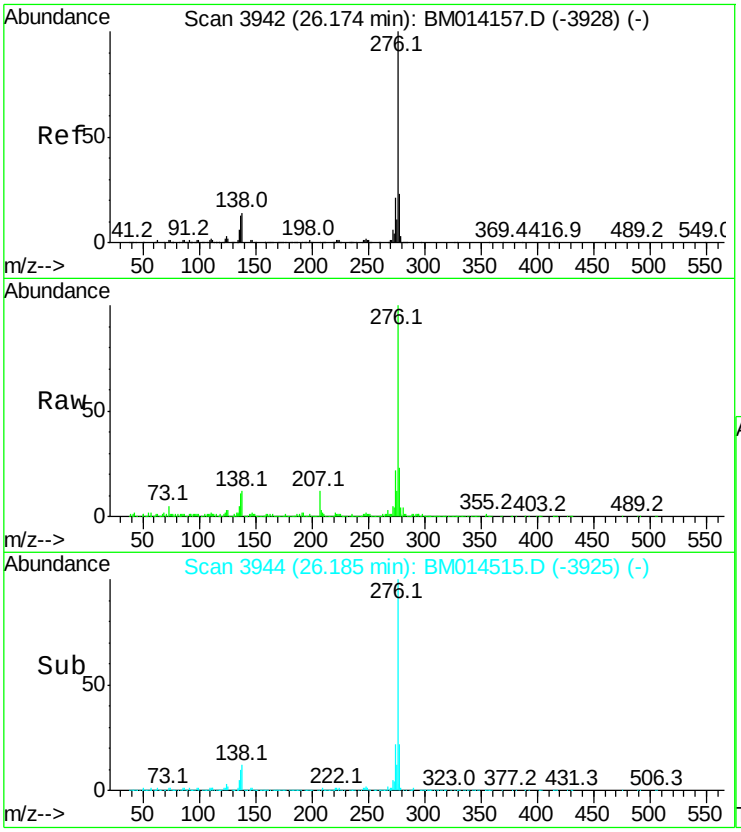


#90
Dibenzo(a,h)anthracene
Concen: 17.846 ng
RT: 25.51 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Tgt Ion:278 Resp: 399031

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	25.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 68.619 ng
RT: 26.19 min Scan# 3944
Delta R.T. 0.01 min
Lab File: BM014515.D
Acq: 07 Mar 2018 01:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1434523

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	12.3	19.0	28.6#