Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013793.D
Acq On : 25 Jan 2018 06:10
Operator : SJ/JU
Sample : J1222-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A97

Quant Time: Jan 25 10:14:10 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	175494	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	669852	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	367156	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	765962	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	795950	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	822440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	10180	2.29	ng/uL	0.00
5) Phenol-d5	6.78	99	253227	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	161445	19.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	225976	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	110027	10.62	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	117196	22.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	135899	24.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	224522	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	238773	25.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	703450	23.25	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	888842	23.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	95980	19.52	ng/ul	0.00
57) Fluorene-d10	15.24	176	594119	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	74083	16.07	ng/ul	0.00
70) Anthracene-d10	17.10	188	905927	24.28	ng/ul	0.00
76) Pyrene-d10	19.40	212	1007813	27.20	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	955171	25.27	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	42485	3.144	ng/ul#	87
24) 2,4-Dimethylphenol	9.56	107	24242	2.009	ng/ul#	33
28) Naphthalene	10.42	128	56681	1.701	ng/ul	97
32) Caprolactam	11.29	113	16793	5.904	ng/ul#	1
34) 2-Methylnaphthalene	12.04	142	77001	3.099	ng/ul	96
40) 1,1'-Biphenyl	13.07	154	56083	1.835	ng/ul#	87
44) Dimethylphthalate	13.71	163	199628	6.710	ng/ul	97
48) 3-Nitroaniline	14.14	138	6929	1.528	ng/ul#	10
49) Acenaphthene	14.31	153	406022	16.605	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	4655	1.408	ng/ul#	1
53) Dibenzofuran	14.65	168	272468	7.407	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.89	232	78509	10.186	ng/ul#	84
58) Fluorene	15.30	166	274513	9.110	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.41	198	7801	1.603	ng/ul#	1
64) N-Nitrosodiphenylamine	15.52	169	73157	3.247	ng/ul#	56
68) Pentachlorophenol	16.66	266	2199578	425.061	ng/ul	97
69) Phenanthrene	17.04	178	1495816	35.132	ng/ul	99
71) Anthracene	17.04	178	1495816	34.061	ng/ul	99
72) Carbazole	17.42	167	62676	1.729	ng/ul#	72
74) Fluoranthene	19.07	202	5551703	109.236	ng/ul#	94
77) Pyrene	19.44	202	4278859	88.428	ng/ul#	95
80) Benzo(a)anthracene	21.19	228	728560	15.148	ng/ul	97
82) Chrysene	21.24	228	741483	16.805	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013793.D
Acq On : 25 Jan 2018 06:10
Operator : SJ/JU
Sample : J1222-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A97

Quant Time: Jan 25 10:14:10 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Benzo(b)fluoranthene	22.74	252	370028	7.326	ng/ul#	84
86) Benzo(k)fluoranthene	22.79	252	118439	2.426	ng/ul#	86
88) Benzo(a)pyrene	23.30	252	177008	3.710	ng/ul#	89
91) Benzo(g,h,i)perylene	26.27	276	57270	1.235	ng/ul#	95

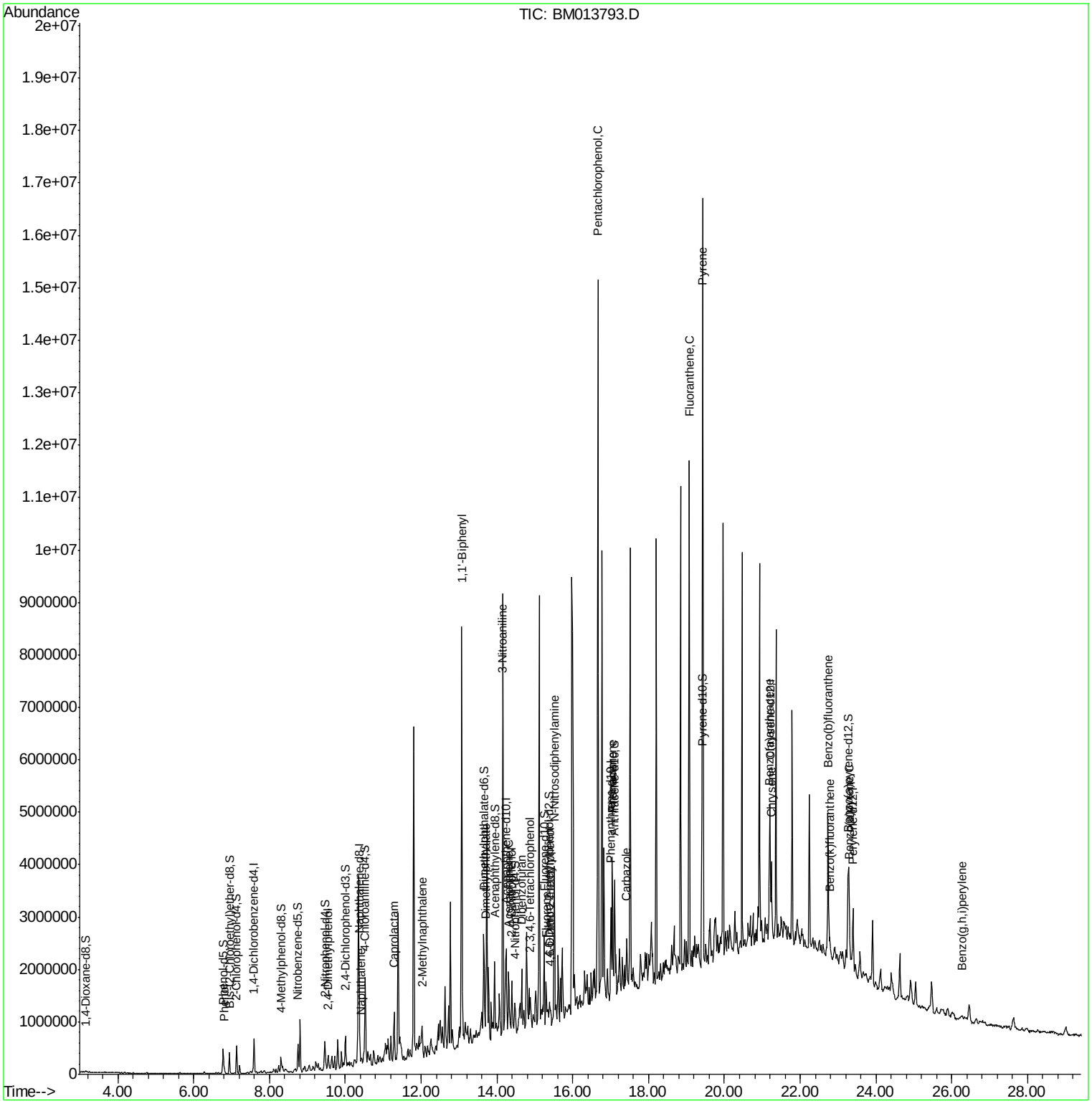
(#) = qualifier out of range (m) = manual integration (+) = signals summed

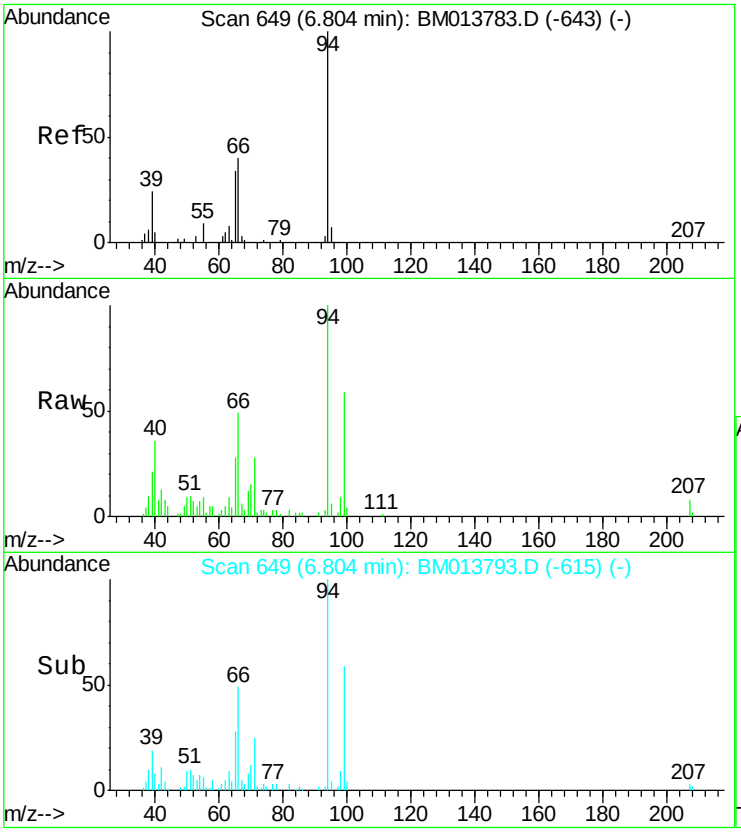
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013793.D
Acq On : 25 Jan 2018 06:10
Operator : SJ/JU
Sample : J1222-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A97

Quant Time: Jan 25 10:14:10 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration



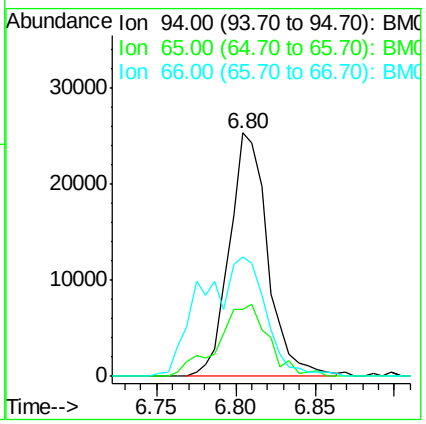


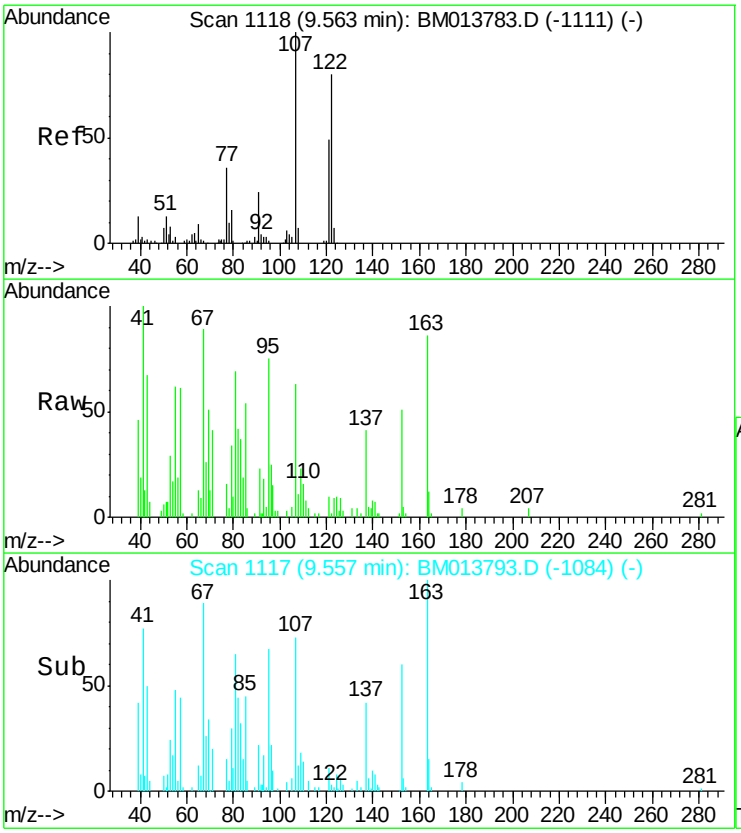
#6
Phenol
Concen: 3.144 ng/ul
RT: 6.80 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion: 94 Resp: 42485

Ion	Ratio	Lower	Upper
94	100		
65	27.6	28.2	42.4#
66	49.1	47.2	70.8

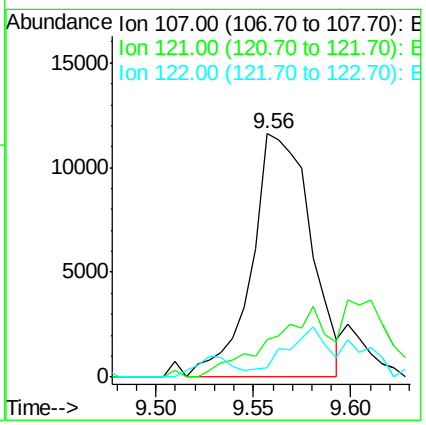


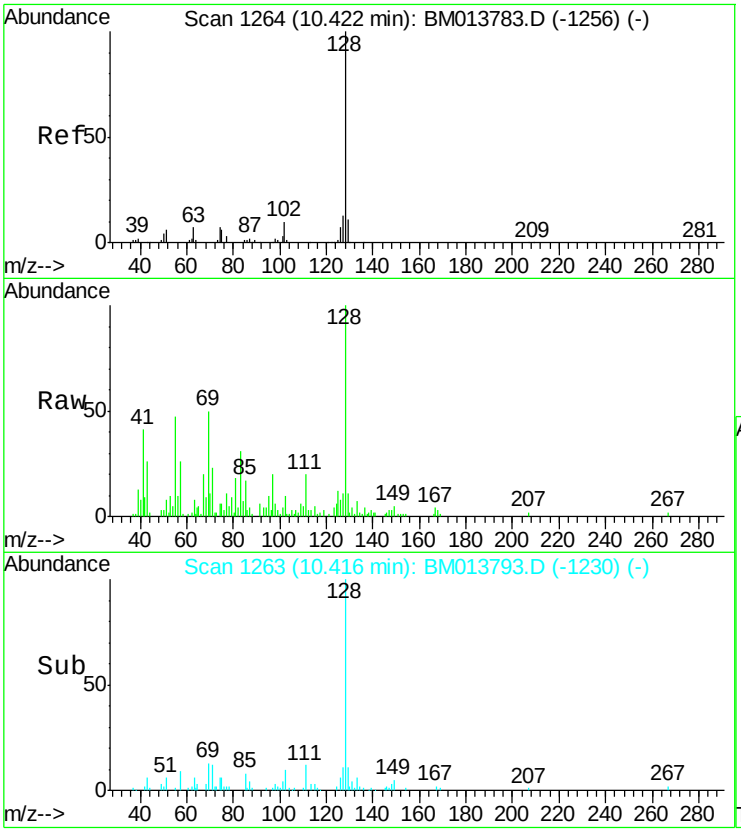


#24
2,4-Dimethylphenol
Concen: 2.009 ng/ul
RT: 9.56 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:107 Resp: 24242

Ion	Ratio	Lower	Upper
107	100		
121	15.3	31.9	47.9#
122	3.8	57.8	86.6#



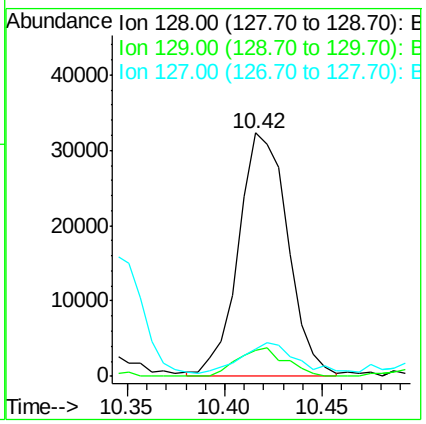


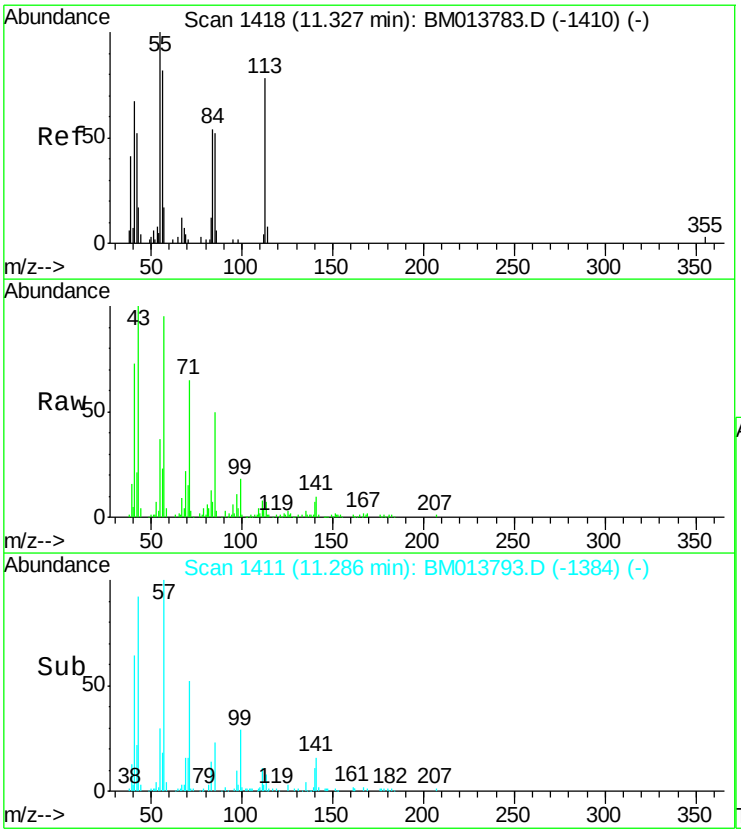
#28
Naphthalene
Concen: 1.701 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:128 Resp: 56681

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	11.3	10.6	16.0

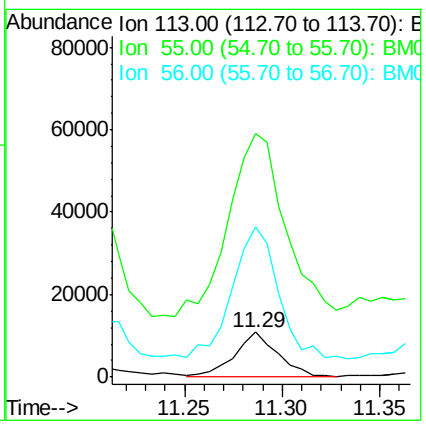


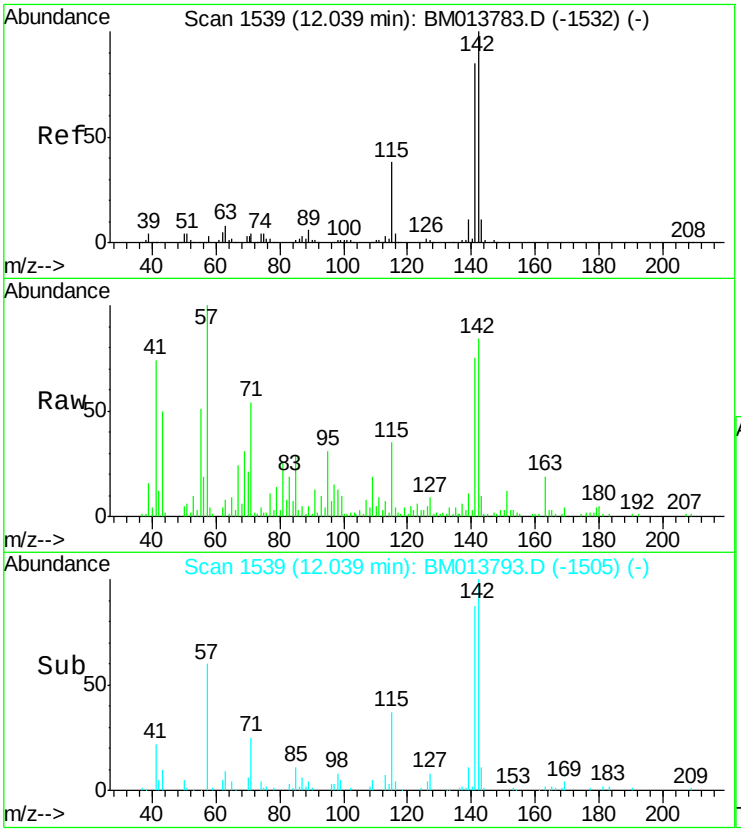


#32
Caprolactam
Concen: 5.904 ng/ul
RT: 11.29 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:113 Resp: 16793

Ion	Ratio	Lower	Upper
113	100		
55	543.2	208.0	312.0#
56	335.7	160.0	240.0#



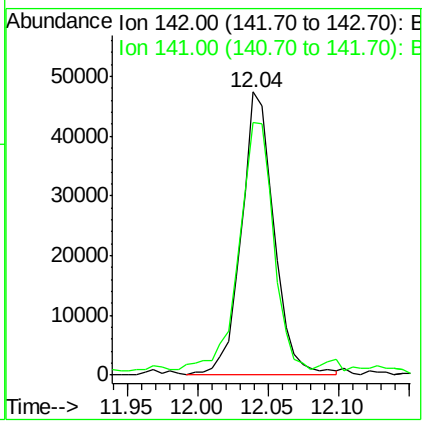


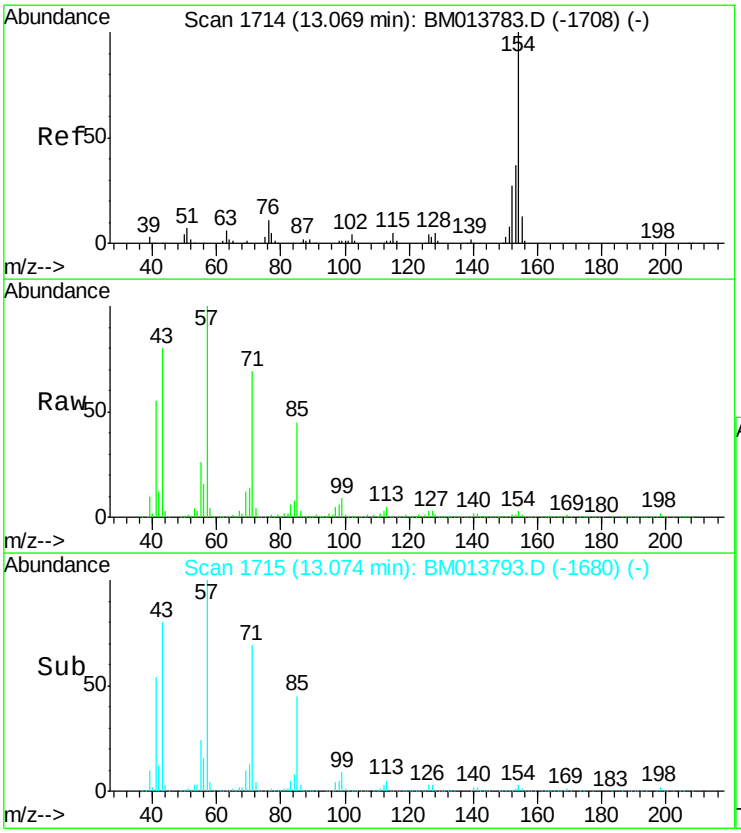
#34
2-Methylnaphthalene
Concen: 3.099 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:142 Resp: 77001

Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.1	111.1

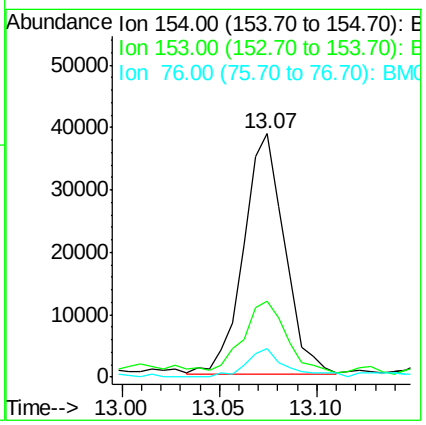


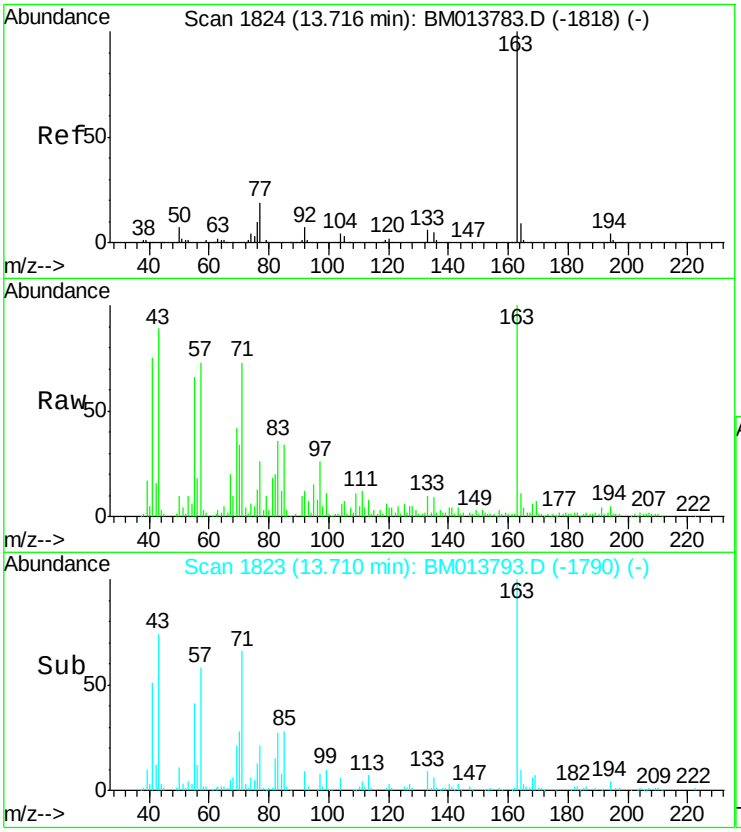


#40
1,1'-Biphenyl
Concen: 1.835 ng/ul
RT: 13.07 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:154 Resp: 56083

Ion	Ratio	Lower	Upper
154	100		
153	31.2	32.6	48.8#
76	11.6	8.5	12.7



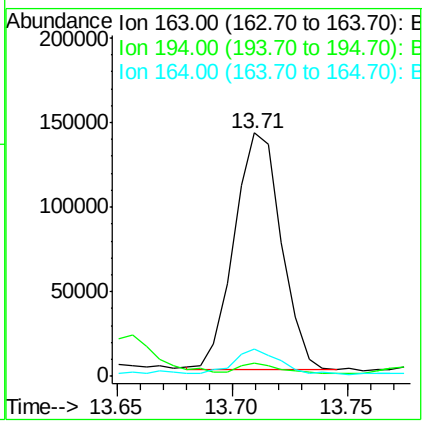


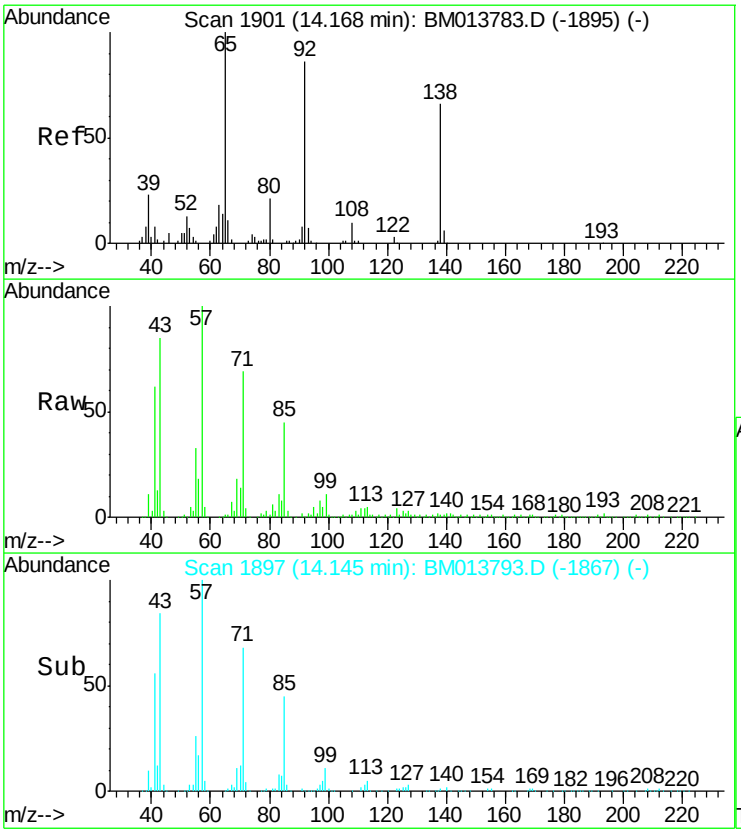
#44
Dimethylphthalate
Concen: 6.710 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:163 Resp: 199628

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	11.4	8.2	12.4

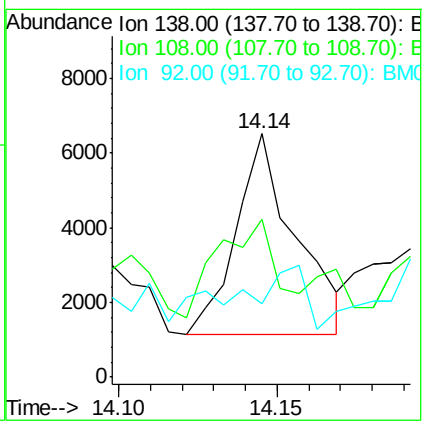


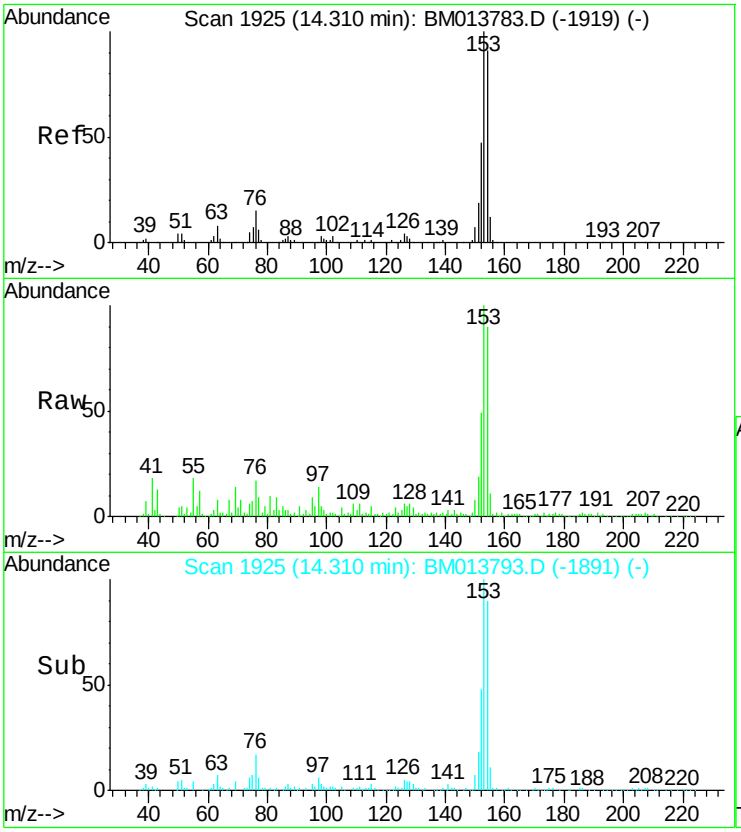


#48
3-Nitroaniline
Concen: 1.528 ng/ul
RT: 14.14 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:138 Resp: 6929

Ion	Ratio	Lower	Upper
138	100		
108	64.8	9.9	14.9#
92	30.0	105.0	157.4#



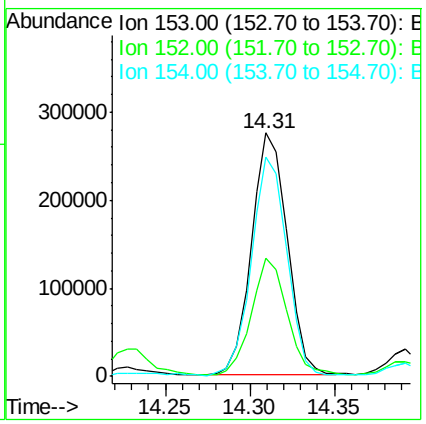


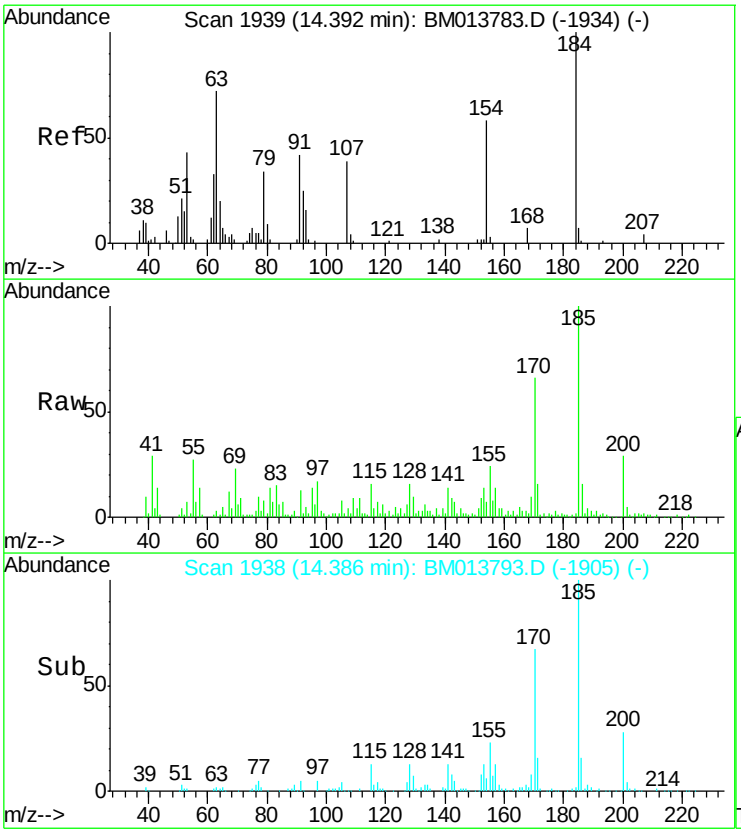
#49
Acenaphthene
Concen: 16.605 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:153 Resp: 406022

Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.6	56.4
154	90.0	70.4	105.6

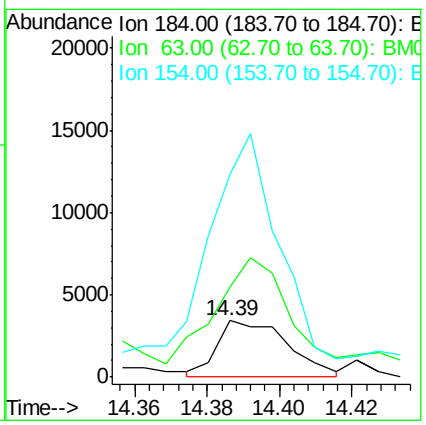


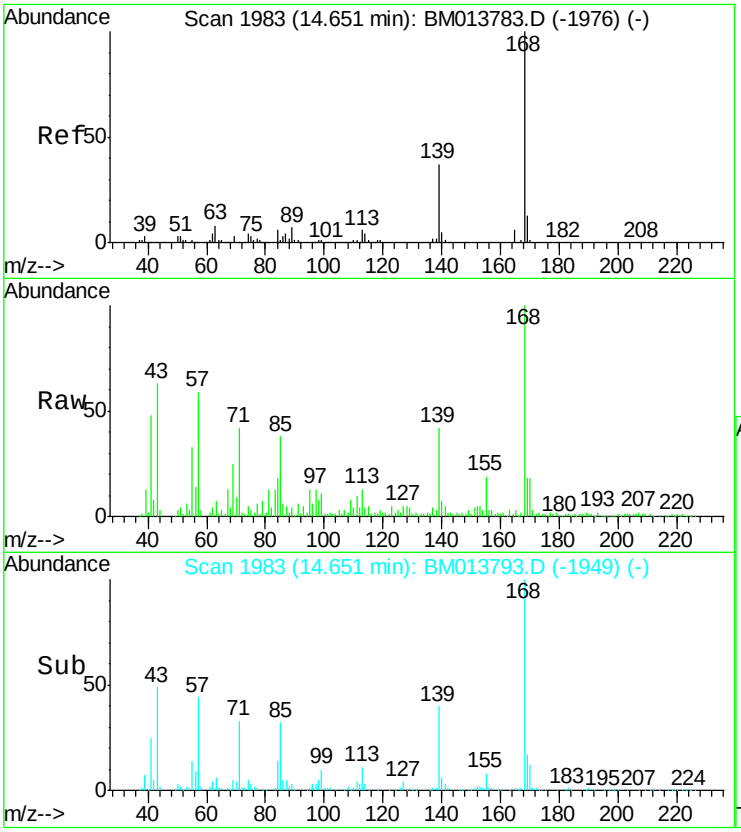


#50
2,4-Dinitrophenol
Concen: 1.408 ng/ul
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:184 Resp: 4655

Ion	Ratio	Lower	Upper
184	100		
63	160.3	50.1	75.1#
154	360.1	54.5	81.7#



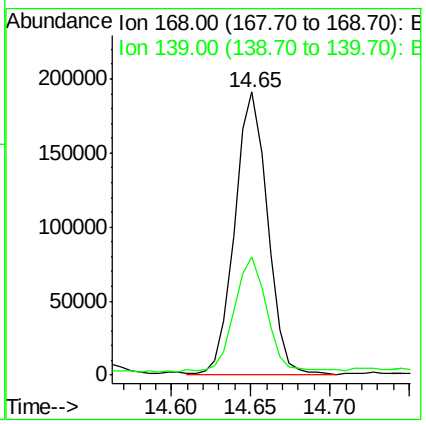


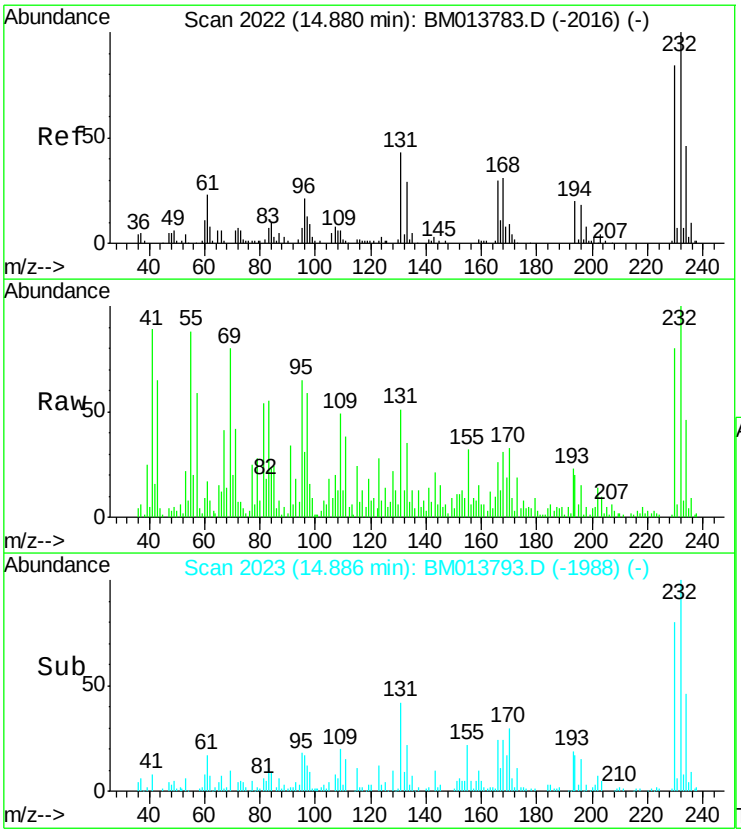
#53
Dibenzofuran
Concen: 7.407 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:168 Resp: 272468

Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.8	46.2

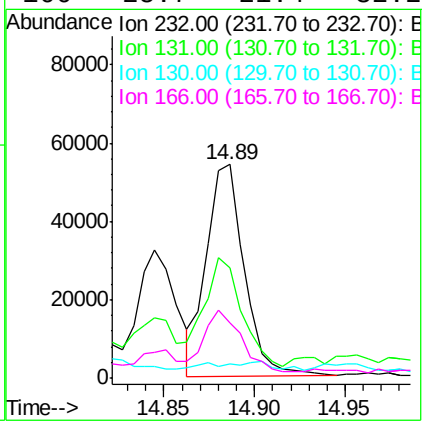


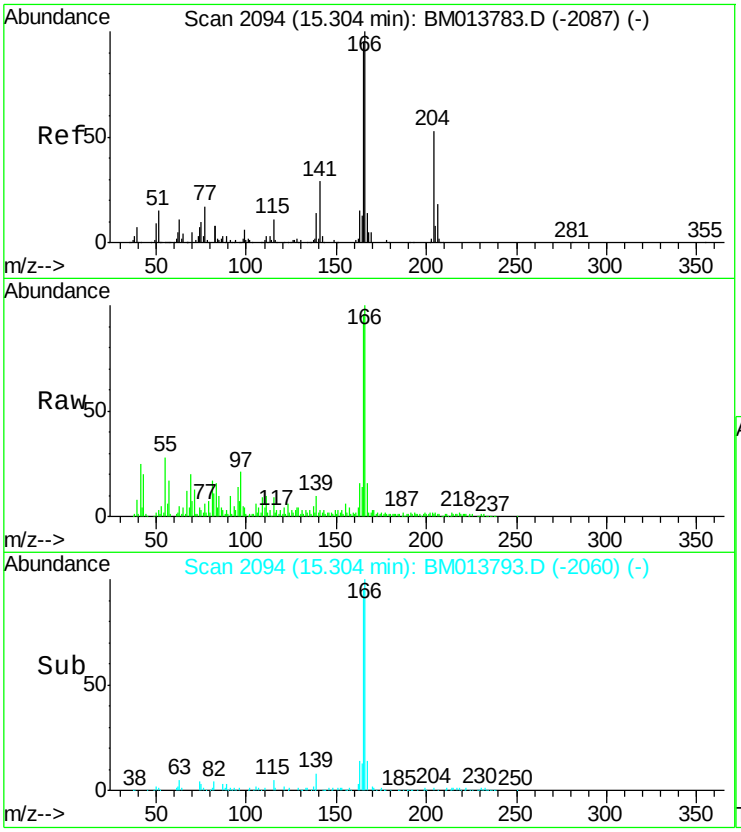


#55
2,3,4,6-Tetrachlorophenol
Concen: 10.186 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:232 Resp: 78509

Ion	Ratio	Lower	Upper
232	100		
131	51.5	29.0	43.4#
130	6.3	2.0	3.0#
166	25.7	21.4	32.2



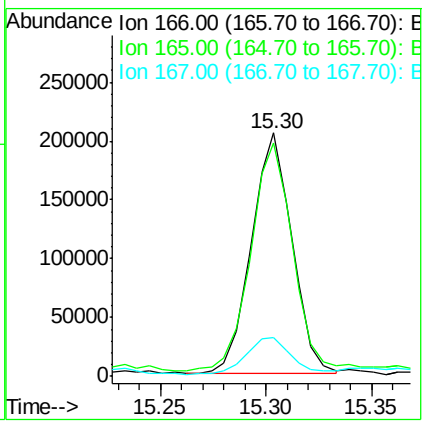


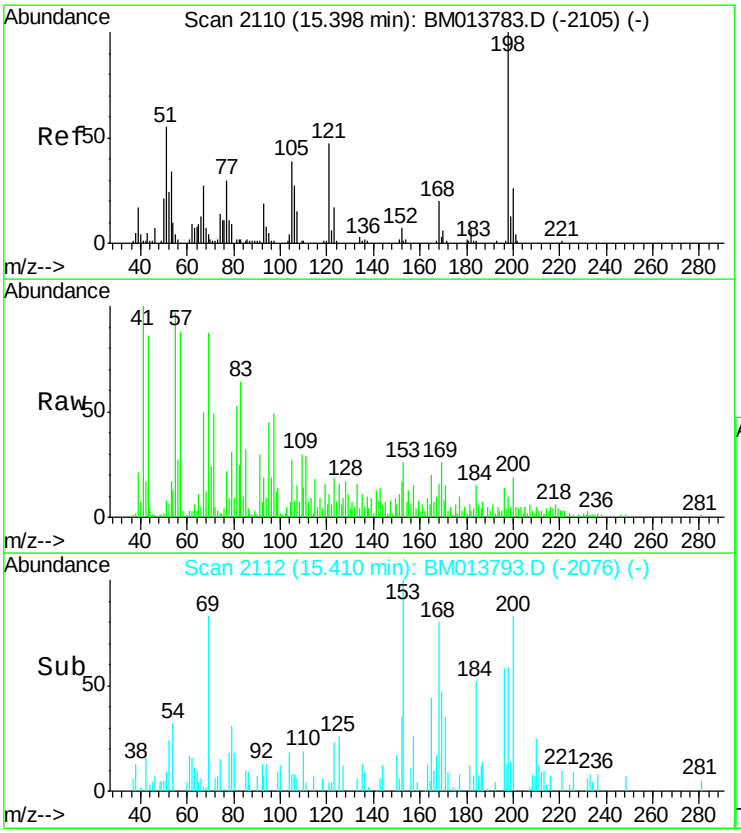
#58
Fluorene
Concen: 9.110 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:166 Resp: 274513

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.9	116.9
167	15.9	10.6	16.0

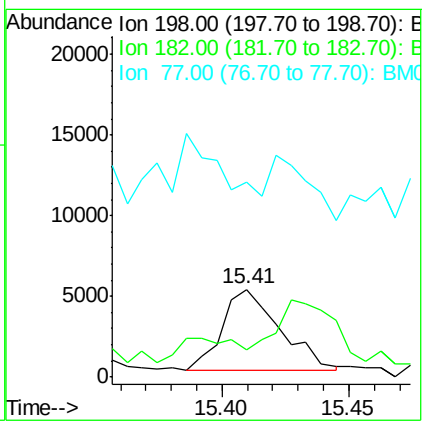


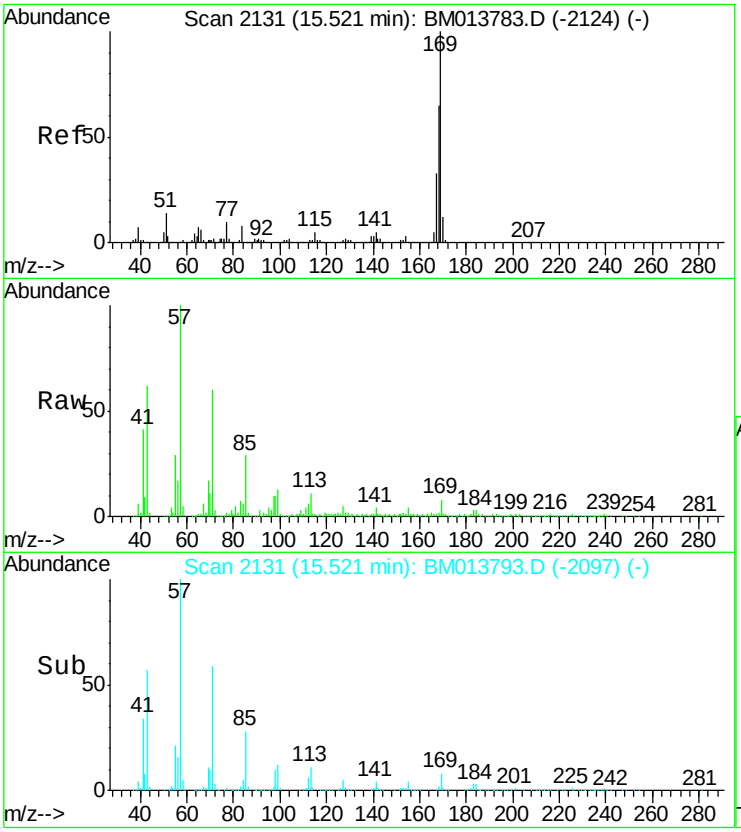


#63
4,6-Dinitro-2-methylphenol
Concen: 1.603 ng/ul
RT: 15.41 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:198 Resp: 7801

Ion	Ratio	Lower	Upper
198	100		
182	31.5	3.8	5.6#
77	222.9	25.2	37.8#



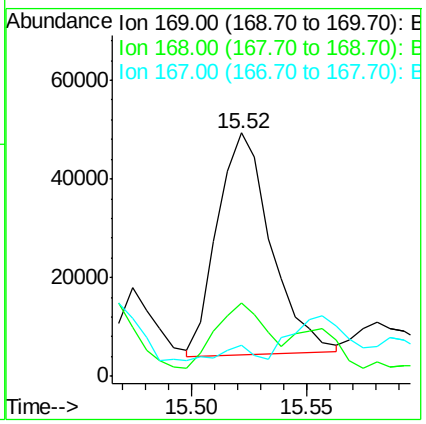


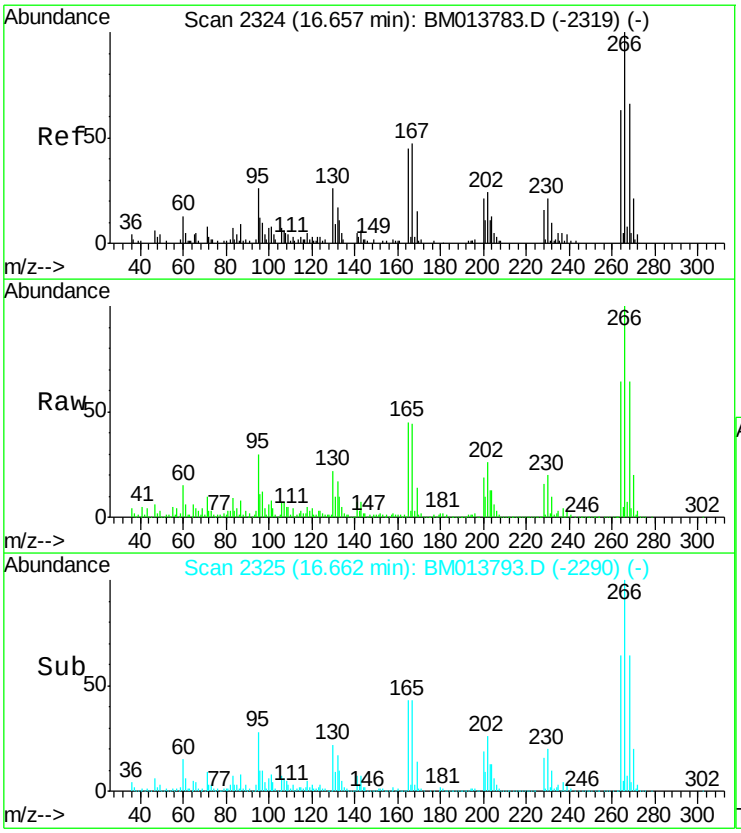
#64
N-Nitrosodiphenylamine
Concen: 3.247 ng/ul
RT: 15.52 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:169 Resp: 73157

Ion	Ratio	Lower	Upper
169	100		
168	30.2	54.0	81.0#
167	12.7	29.1	43.7#

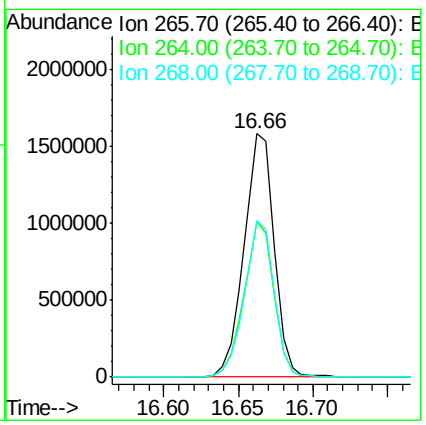


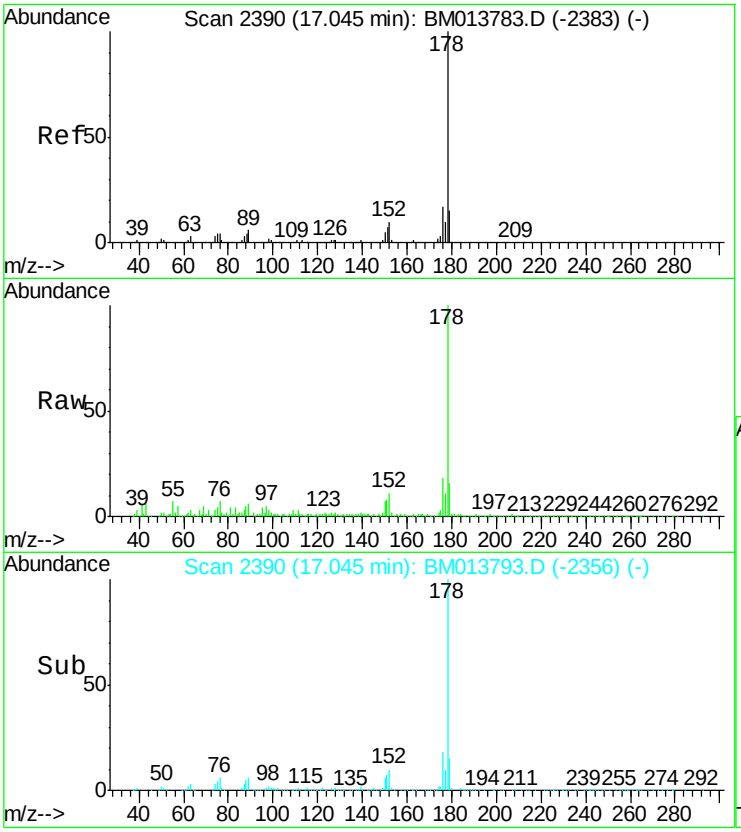


#68
Pentachlorophenol
Concen: 425.061 ng/ul
RT: 16.66 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:266 Resp: 2199578

Ion	Ratio	Lower	Upper
266	100		
264	64.0	49.3	73.9
268	64.1	52.6	78.8



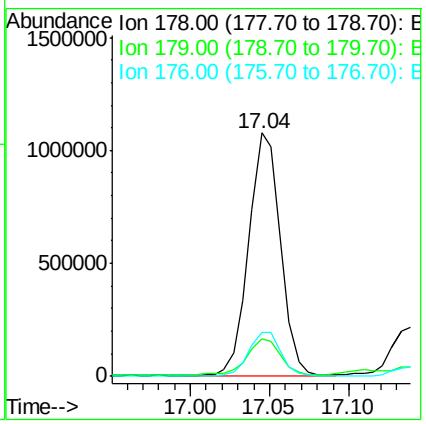


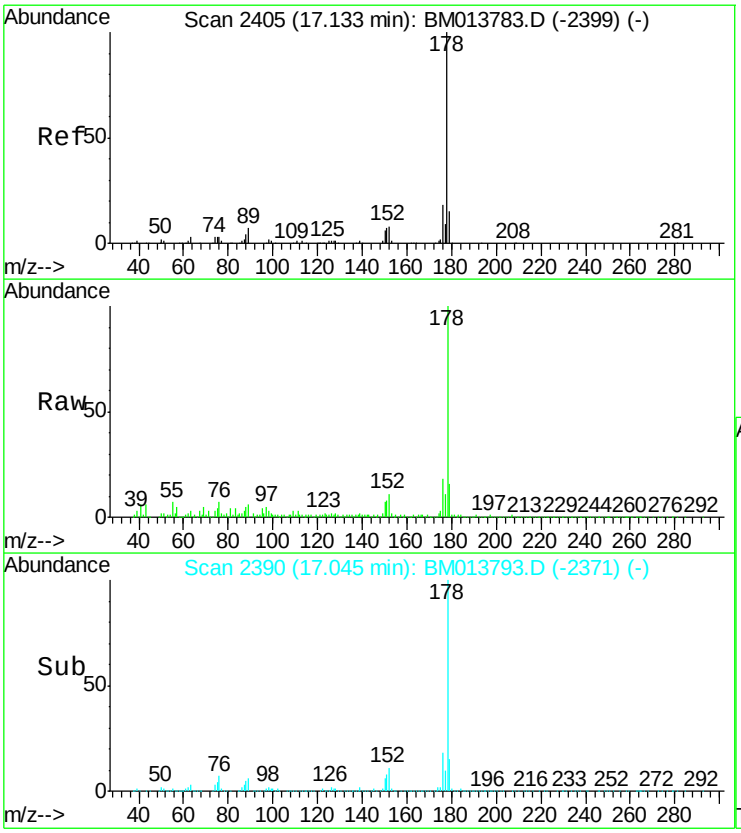
#69
Phenanthrene
Concen: 35.132 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:178 Resp: 1495816

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.0	14.9	22.3

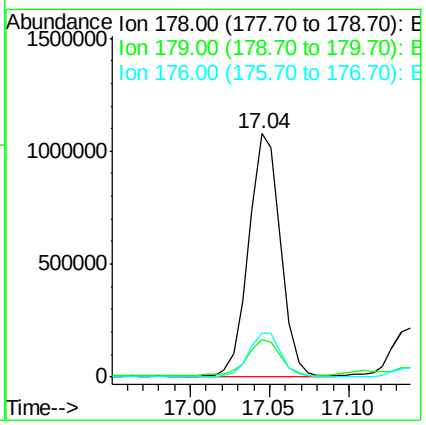


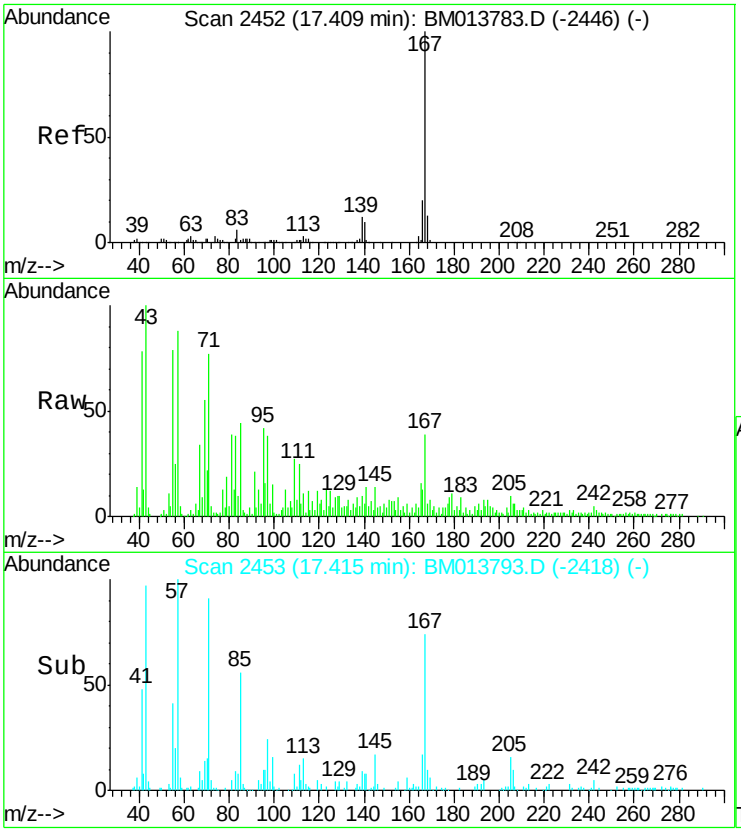


#71
Anthracene
Concen: 34.061 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. -0.09 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:178 Resp: 1495816

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.0	14.6	21.8



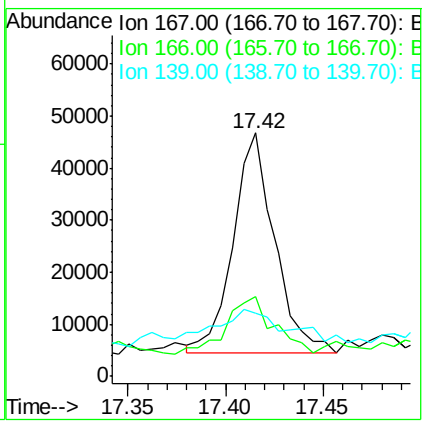


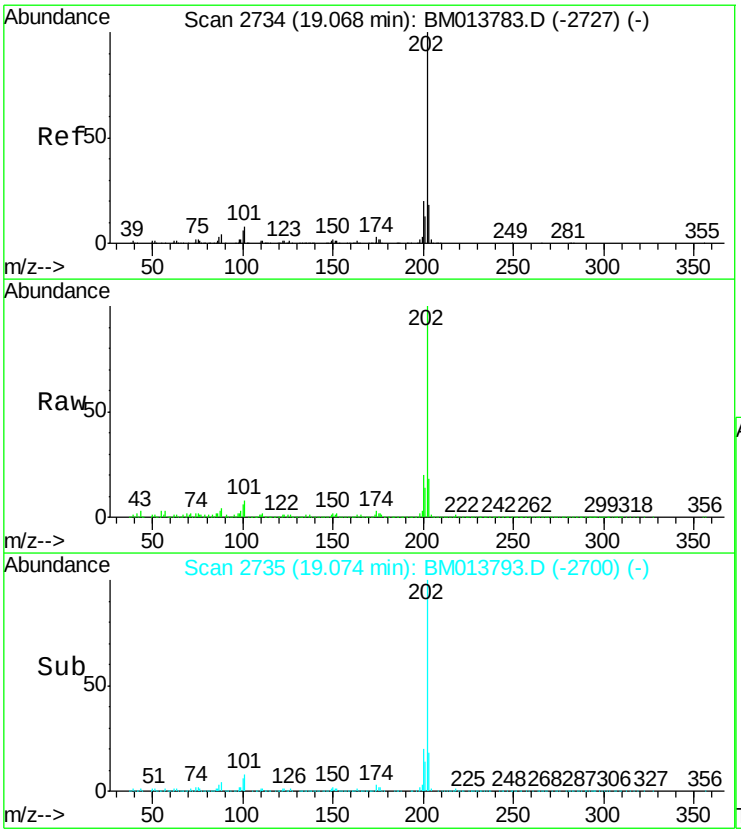
#72
Carbazole
Concen: 1.729 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:167 Resp: 62676

Ion	Ratio	Lower	Upper
167	100		
166	32.8	17.1	25.7#
139	26.1	10.0	15.0#

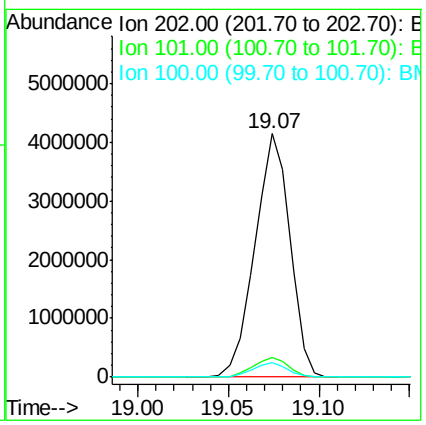


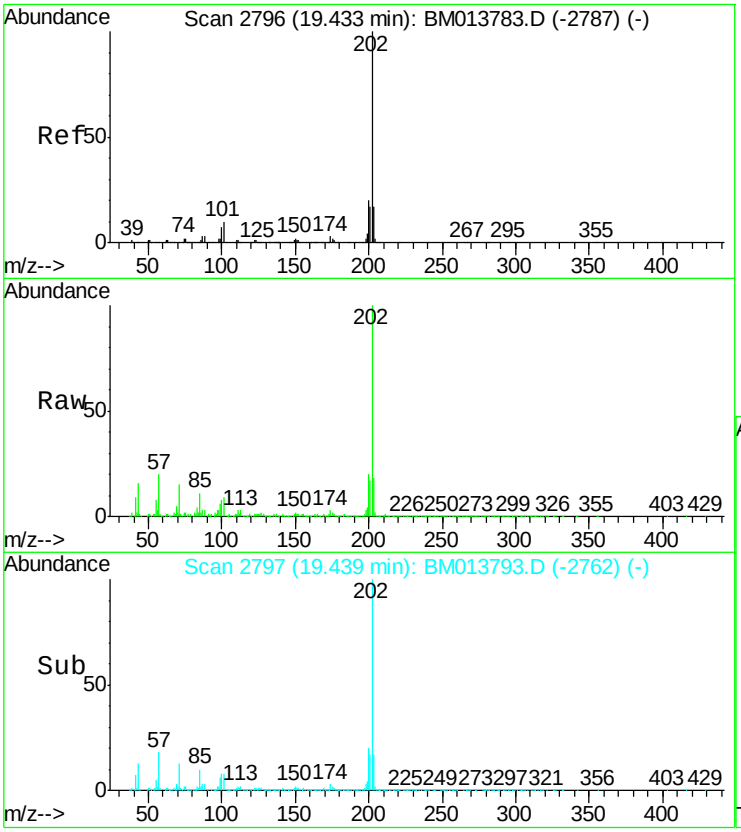


#74
Fluoranthene
Concen: 109.236 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:202 Resp: 5551703

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.1	3.4	5.2#



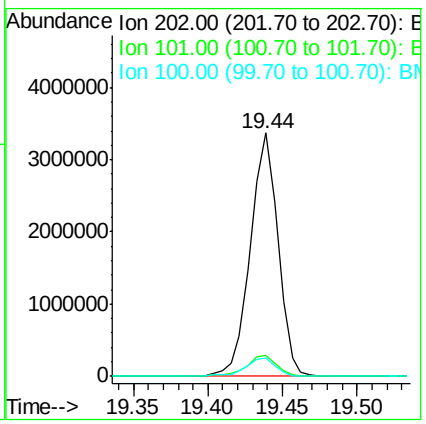


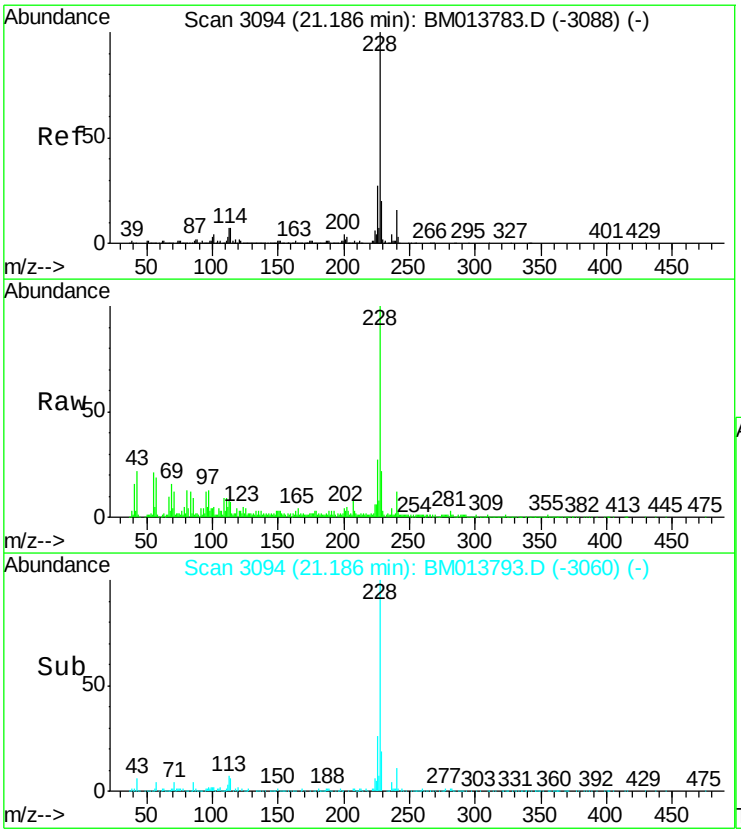
#77
Pyrene
Concen: 88.428 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:202 Resp: 4278859

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	7.6	4.9	7.3#

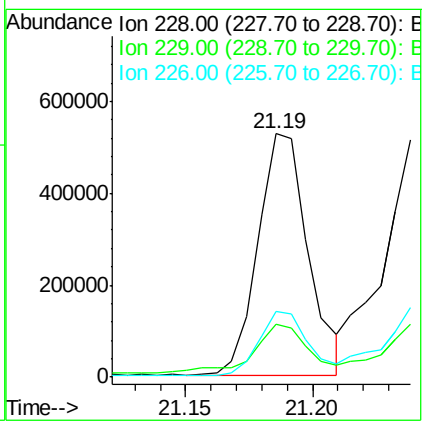


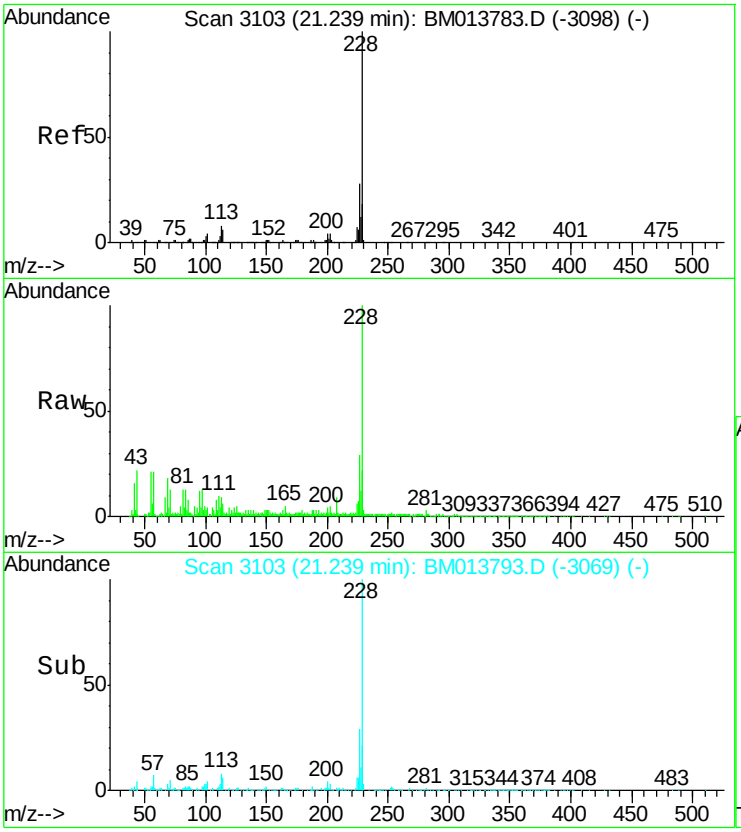


#80
Benzo(a)anthracene
Concen: 15.148 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:228 Resp: 728560

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.0
226	26.9	21.4	32.0



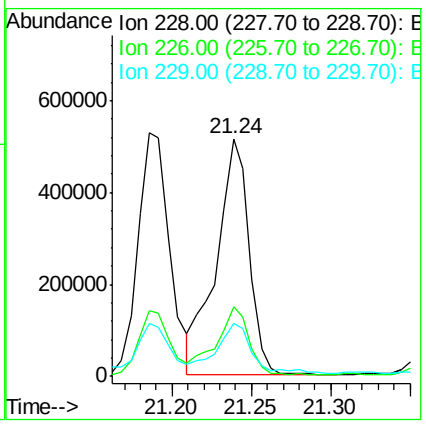


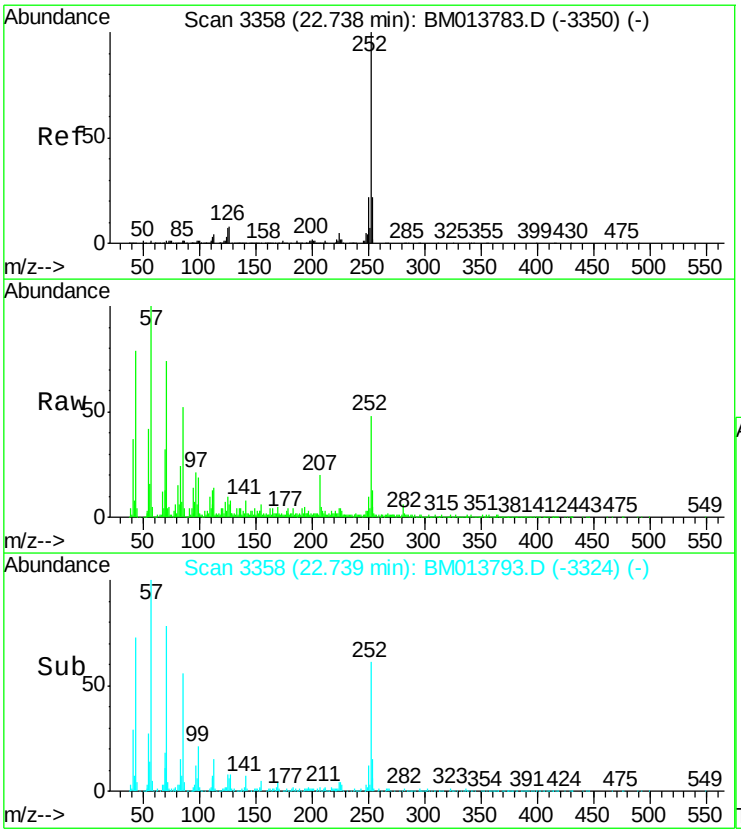
#82
Chrysene
Concen: 16.805 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:228 Resp: 741483

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.1	15.5	23.3

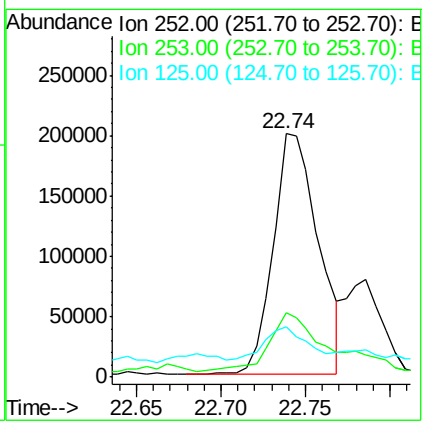


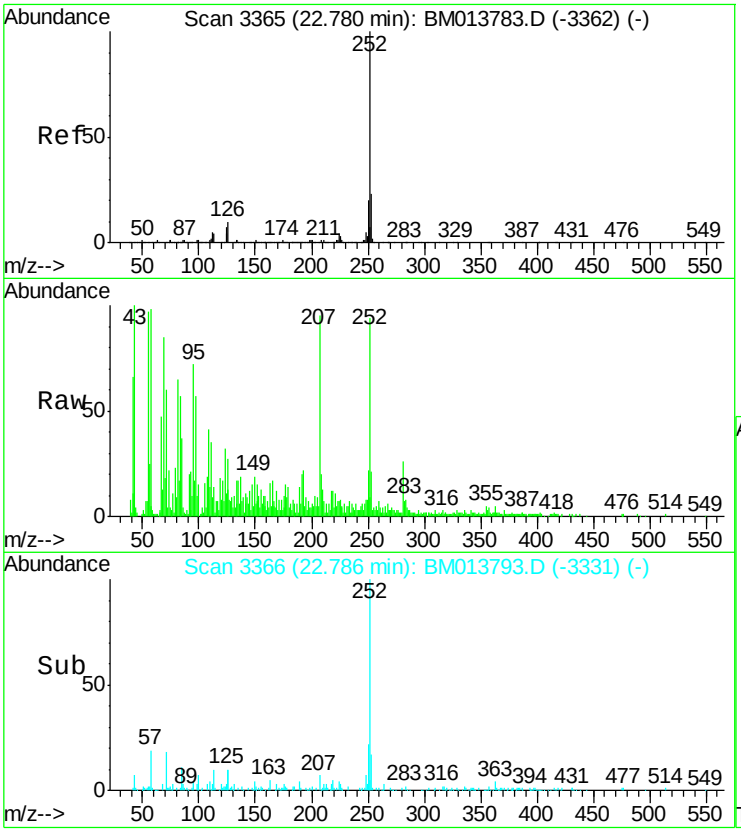


#85
Benzo(b)fluoranthene
Concen: 7.326 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:252 Resp: 370028

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	20.9	3.6	5.4#



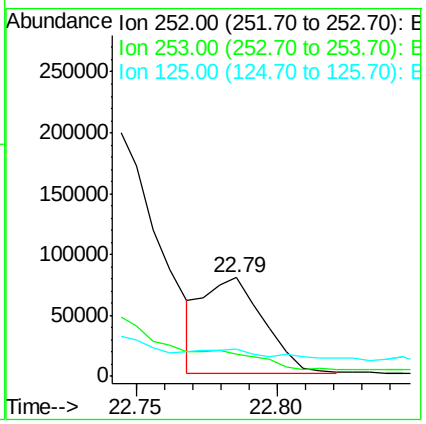


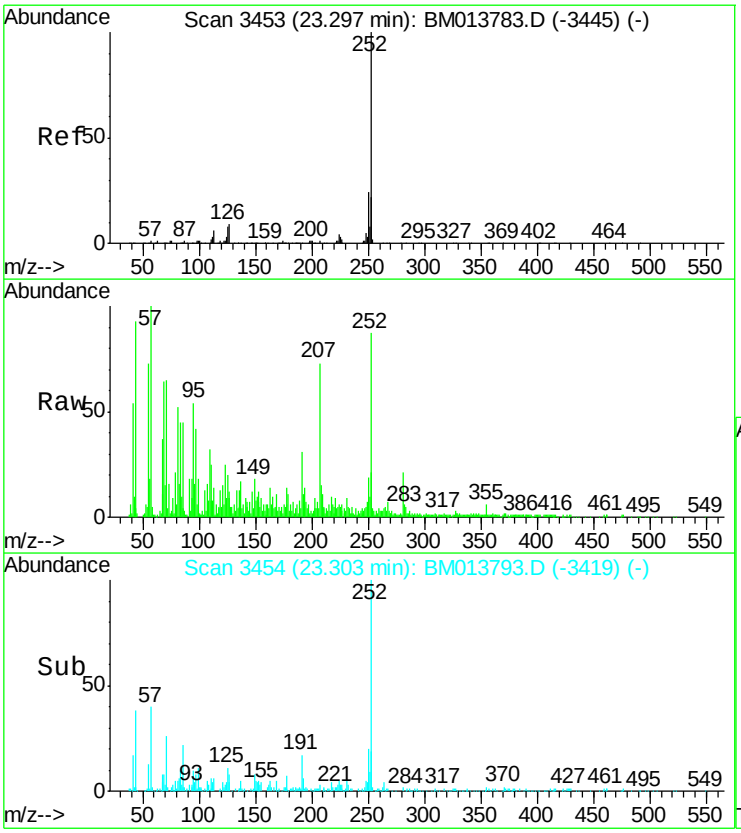
#86
Benzo(k)fluoranthene
Concen: 2.426 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:252 Resp: 118439

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	28.3	3.4	5.2#

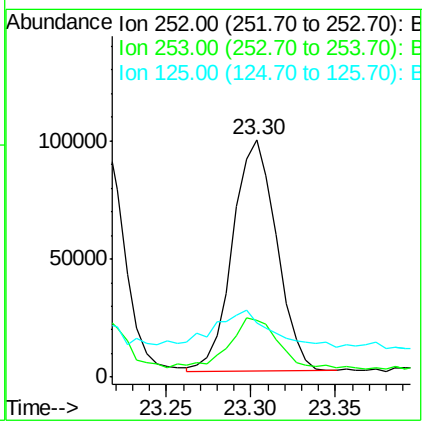


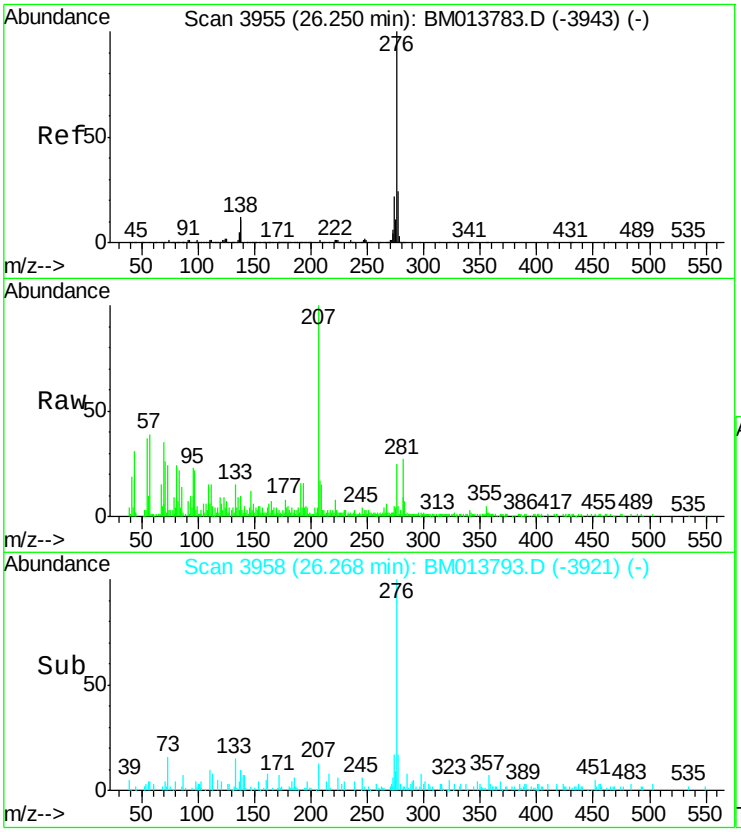


#88
Benzo(a)pyrene
Concen: 3.710 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Tgt Ion:252 Resp: 177008

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	22.9	4.0	6.0#





#91
Benzo(g,h,i)perylene
Concen: 1.235 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. 0.02 min
Lab File: BM013793.D
Acq: 25 Jan 2018 06:10

Instrument :
BNA_M
ClientSampleId :
F6A97

Tgt Ion:276 Resp: 57270

Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.5	12.7#
277	22.1	18.6	28.0