Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013807.D
Acq On : 25 Jan 2018 16:02
Operator : SJ/JU
Sample : J1222-11 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 25 16:57:39 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 16:56:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	133938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	498268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	284542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	569044	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	570897	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	576619	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	1053	0.31	ng/uL	0.00
5) Phenol-d5	6.80	99	21175	2.06	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	15163	2.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	19431	2.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	16243	2.05	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	8690	2.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	8901	2.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	15262	1.93	ng/ul	0.02
29) 4-Chloroaniline-d4	10.54	131	11774	1.72	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	58426	2.49	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	69714	2.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	373	0.10	ng/ul	0.00
57) Fluorene-d10	15.24	176	50633	2.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	5093	1.49	ng/ul	0.02
70) Anthracene-d10	17.00	188	569044	20.53	ng/ul	-0.09
76) Pyrene-d10	19.40	212	84215	3.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	73665	2.78	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.42	128	305376	12.319	ng/ul	96
34) 2-Methylnaphthalene	12.04	142	230126	12.452	ng/ul	91
40) 1,1'-Biphenyl	13.07	154	58165	2.456	ng/ul#	89
49) Acenaphthene	14.31	153	155989	8.232	ng/ul	97
53) Dibenzofuran	14.65	168	176064	6.176	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.89	232	46678	7.815	ng/ul#	84
58) Fluorene	15.30	166	157312	6.736	ng/ul#	95
67) Atrazine	16.66	200	120707	18.071	ng/ul#	41
68) Pentachlorophenol	16.66	266	820645	213.466	ng/ul	97
69) Phenanthrene	17.04	178	807834	25.539	ng/ul	98
71) Anthracene	17.04	178	807834	24.761	ng/ul	99
72) Carbazole	17.42	167	78384	2.911	ng/ul	98
74) Fluoranthene	19.07	202	452285	11.979	ng/ul#	97
77) Pyrene	19.43	202	317751	9.155	ng/ul#	96
80) Benzo(a)anthracene	21.19	228	71628	2.076	ng/ul#	92
82) Chrysene	21.24	228	66123	2.089	ng/ul#	90
85) Benzo(b)fluoranthene	22.74	252	45683	1.290	ng/ul#	78

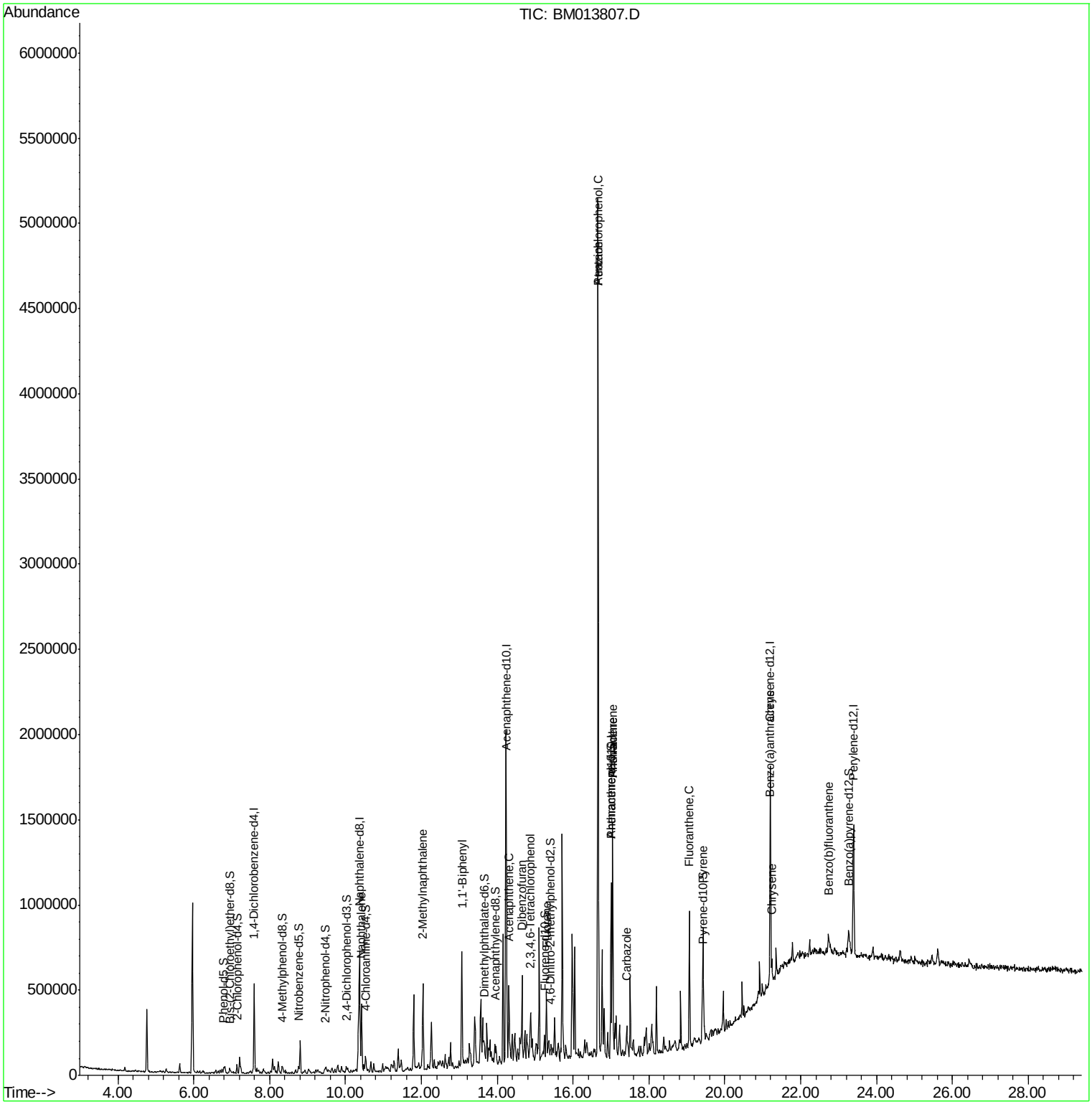
(#) = qualifier out of range (m) = manual integration (+) = signals summed

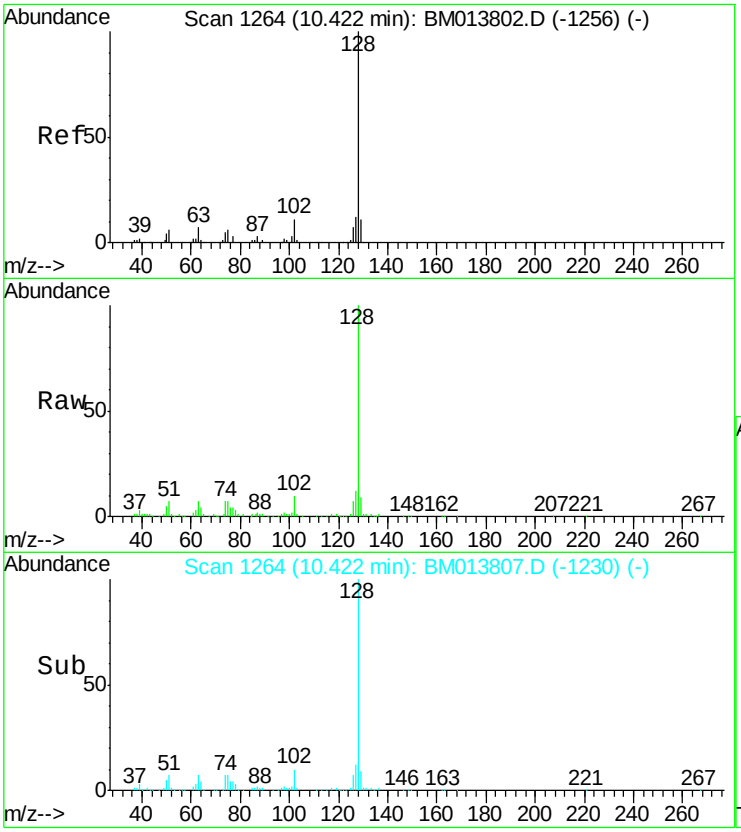
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013807.D
Acq On : 25 Jan 2018 16:02
Operator : SJ/JU
Sample : J1222-11 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 25 16:57:39 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 16:56:26 2018
Response via : Initial Calibration



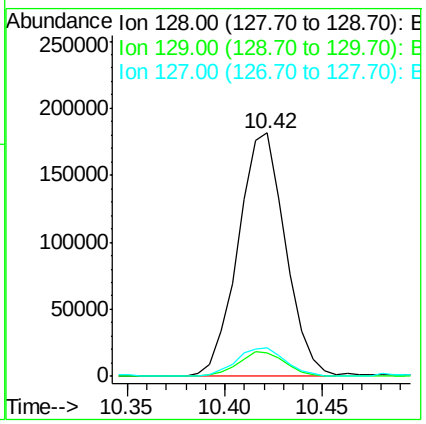


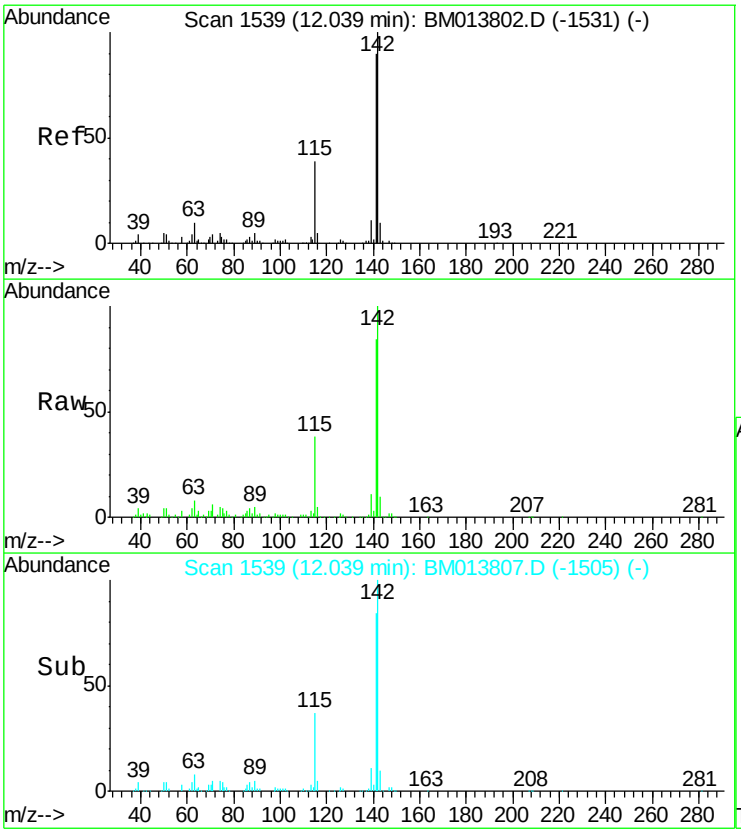
#28
Naphthalene
Concen: 12.319 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 305376

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.8	13.2
127	11.7	10.6	16.0

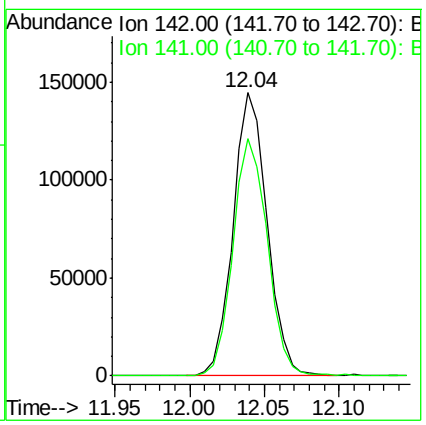


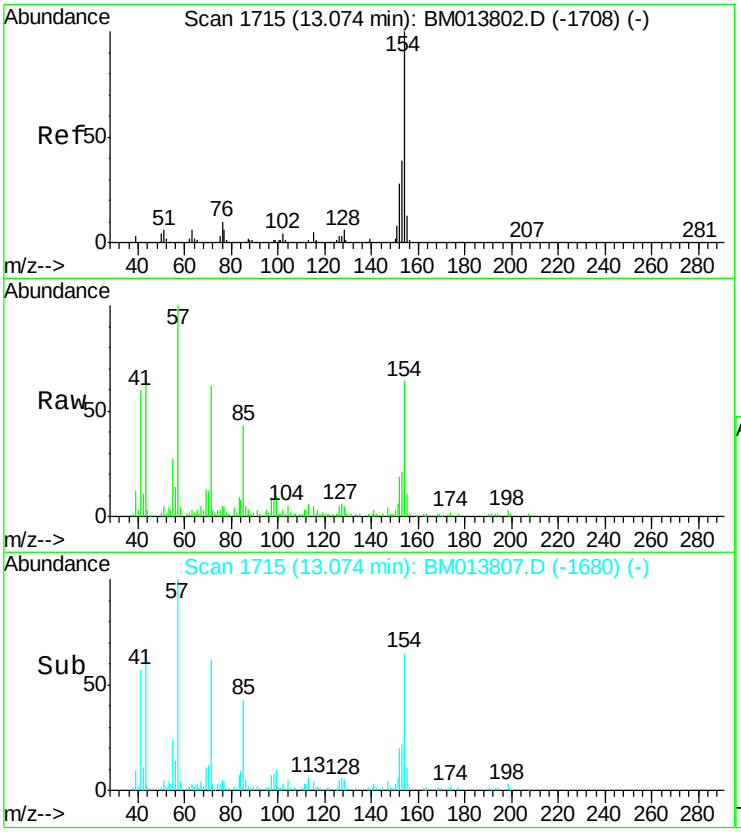


#34
2-Methylnaphthalene
Concen: 12.452 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:142 Resp: 230126

Ion	Ratio	Lower	Upper
142	100		
141	83.8	74.1	111.1



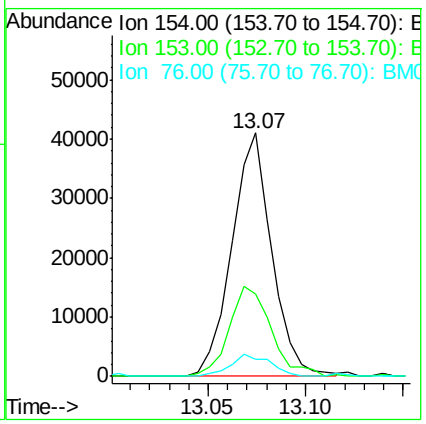


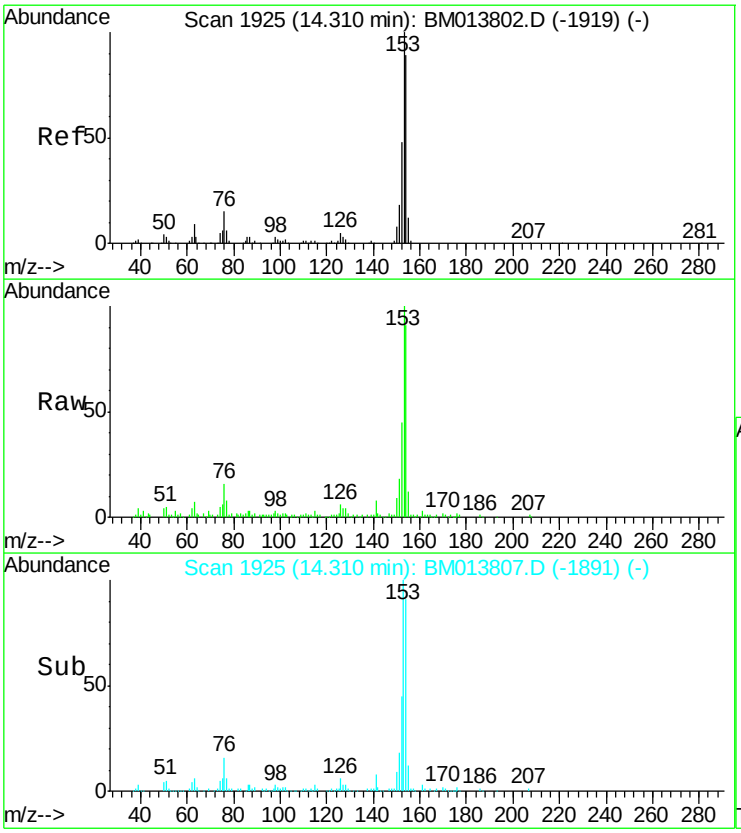
#40
1,1'-Biphenyl
Concen: 2.456 ng/ul
RT: 13.07 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 58165

Ion	Ratio	Lower	Upper
154	100		
153	33.6	32.6	48.8
76	7.2	8.5	12.7#

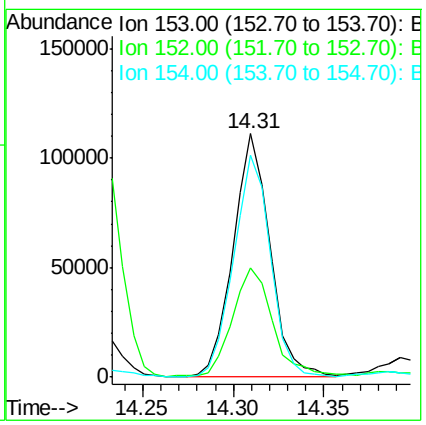


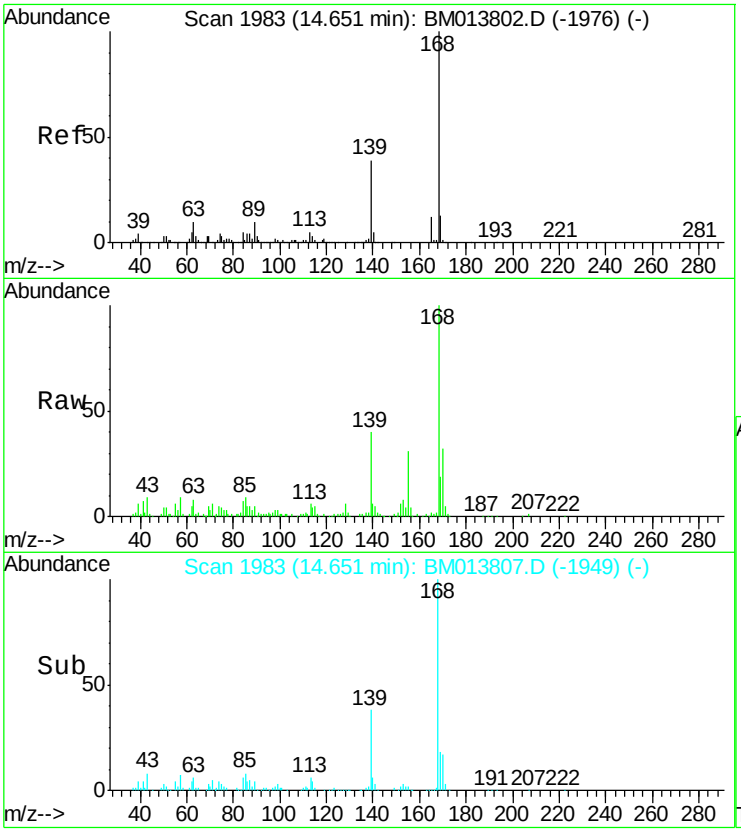


#49
Acenaphthene
Concen: 8.232 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:153 Resp: 155989

Ion	Ratio	Lower	Upper
153	100		
152	44.7	37.6	56.4
154	91.1	70.4	105.6



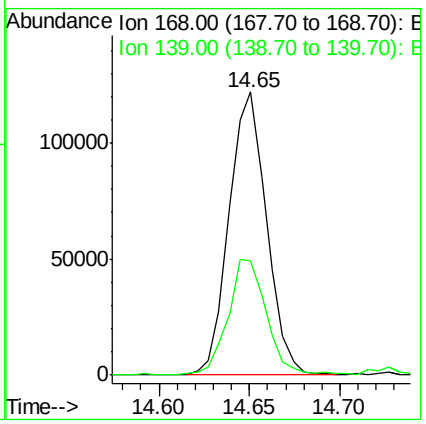


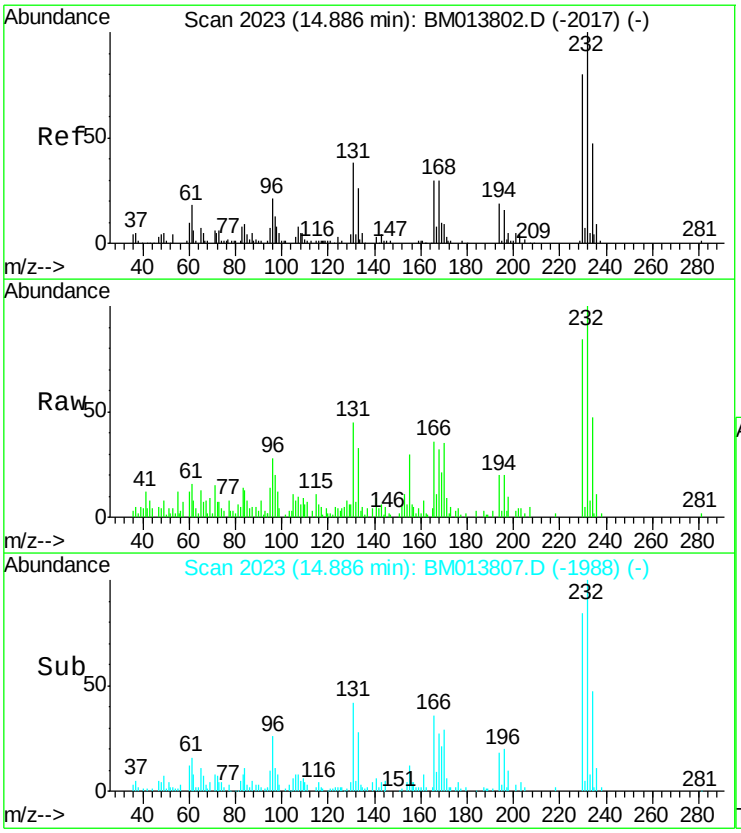
#53
Dibenzofuran
Concen: 6.176 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 176064

Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.8	46.2

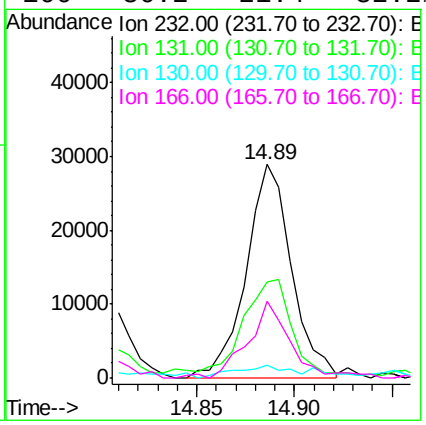


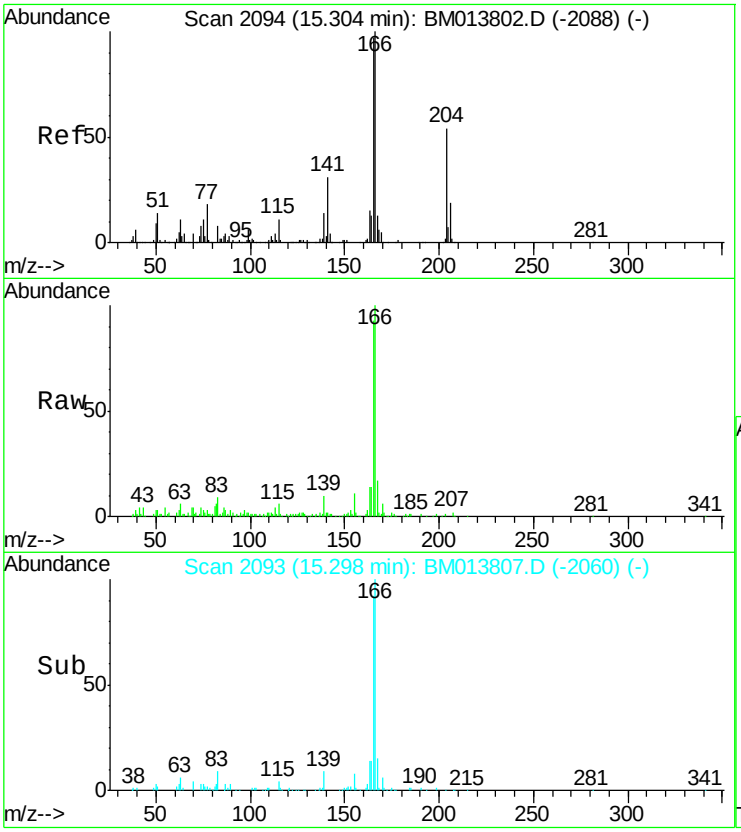


#55
2,3,4,6-Tetrachlorophenol
Concen: 7.815 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:232 Resp: 46678

Ion	Ratio	Lower	Upper
232	100		
131	45.1	29.0	43.4#
130	6.1	2.0	3.0#
166	36.2	21.4	32.2#



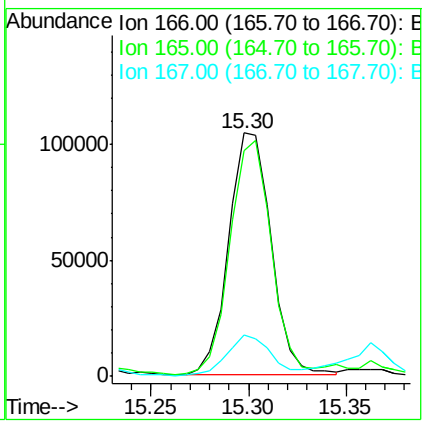


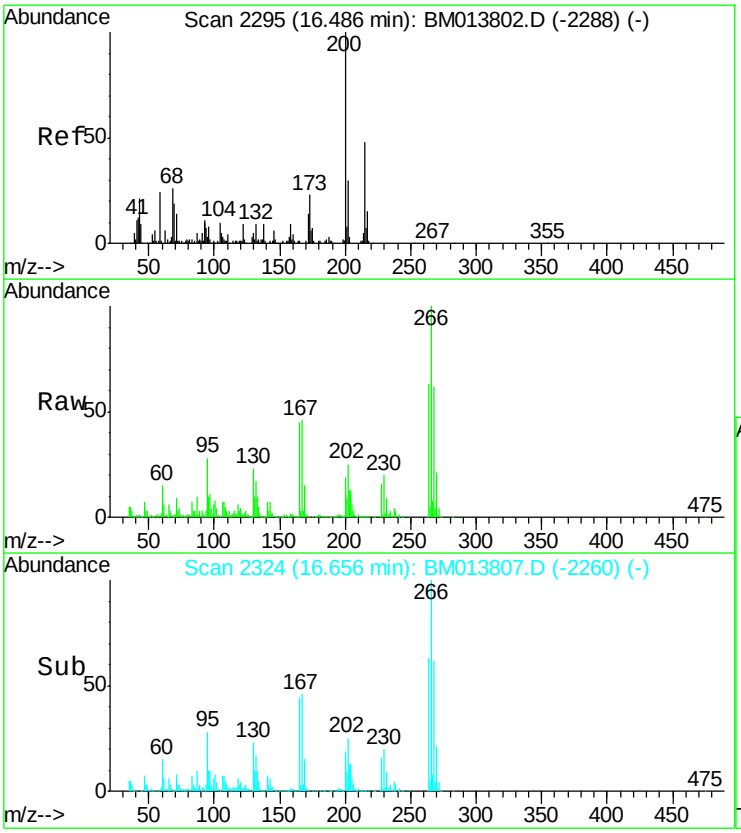
#58
Fluorene
Concen: 6.736 ng/ul
RT: 15.30 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 157312

Ion	Ratio	Lower	Upper
166	100		
165	92.6	77.9	116.9
167	16.9	10.6	16.0#

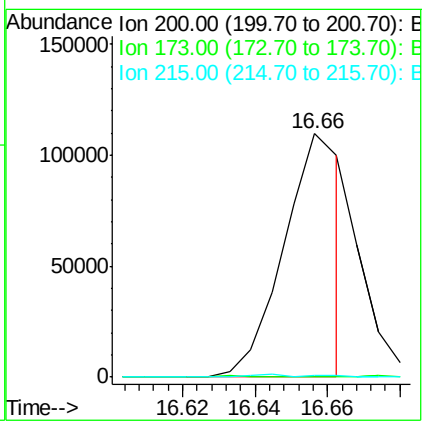


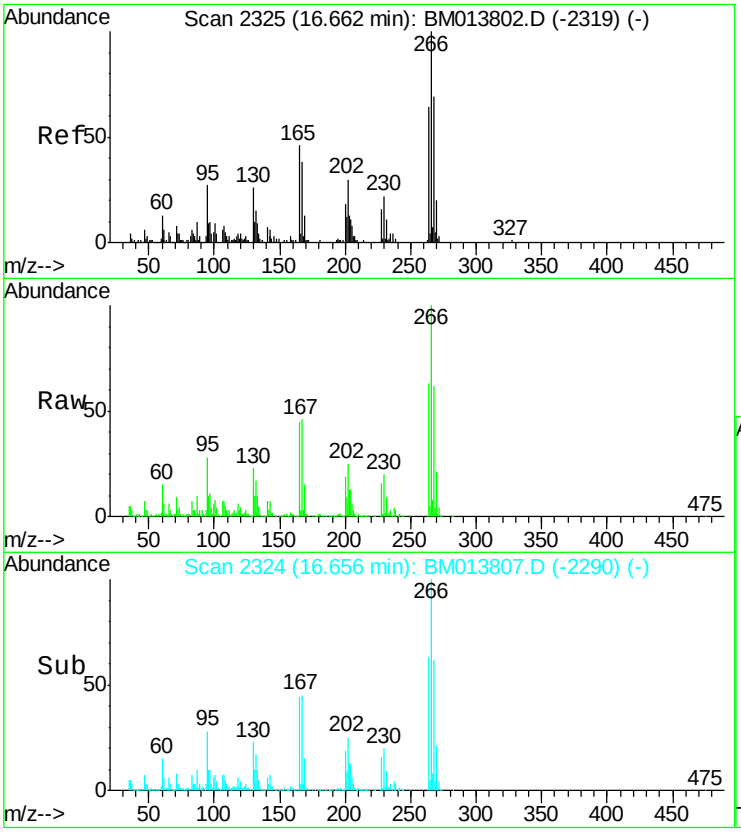


#67
Atrazine
Concen: 18.071 ng/ul
RT: 16.66 min Scan# 2324
Delta R.T. 0.18 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:200 Resp: 120707

Ion	Ratio	Lower	Upper
200	100		
173	0.0	18.2	27.2#
215	1.3	35.0	52.4#



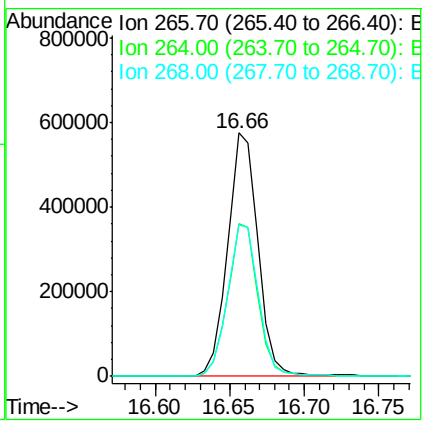


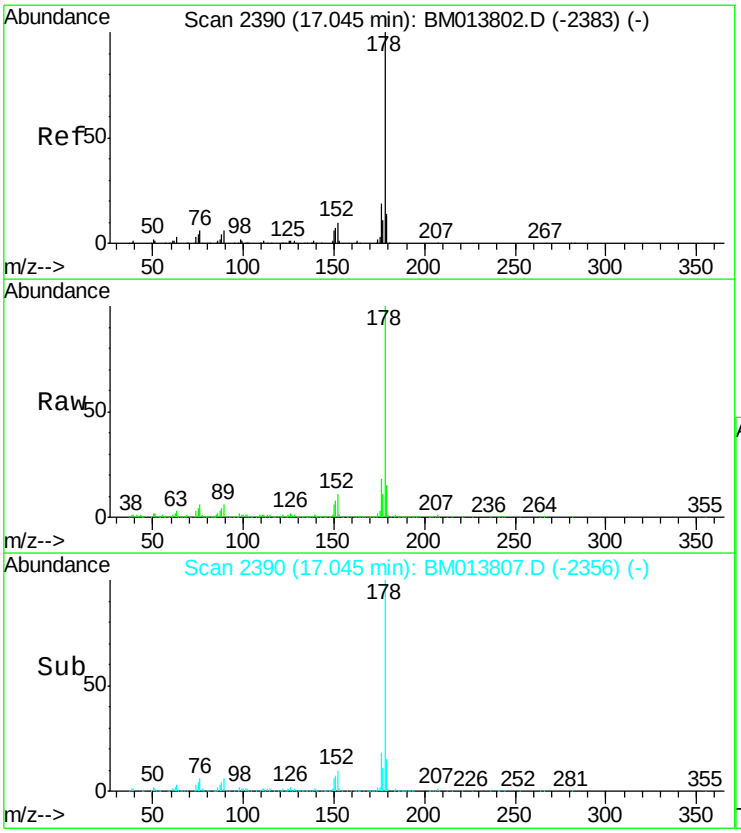
#68
Pentachlorophenol
Concen: 213.466 ng/ul
RT: 16.66 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 820645

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.3	73.9
268	62.3	52.6	78.8

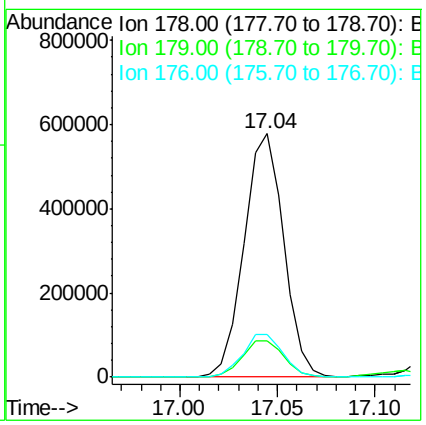


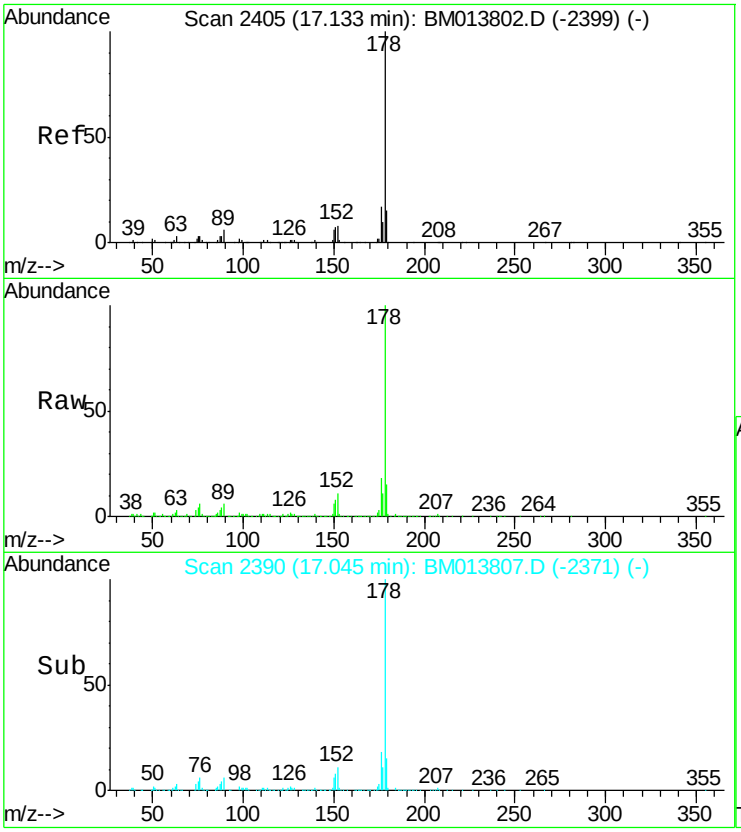


#69
Phenanthrene
Concen: 25.539 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:178 Resp: 807834

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	17.5	14.9	22.3



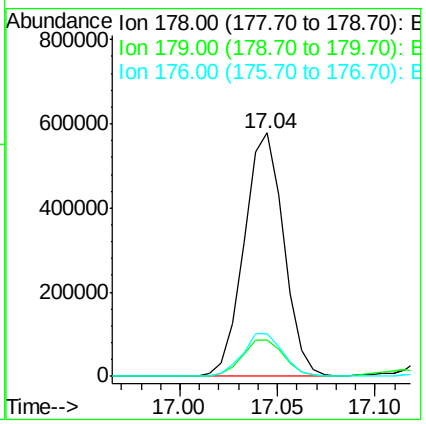


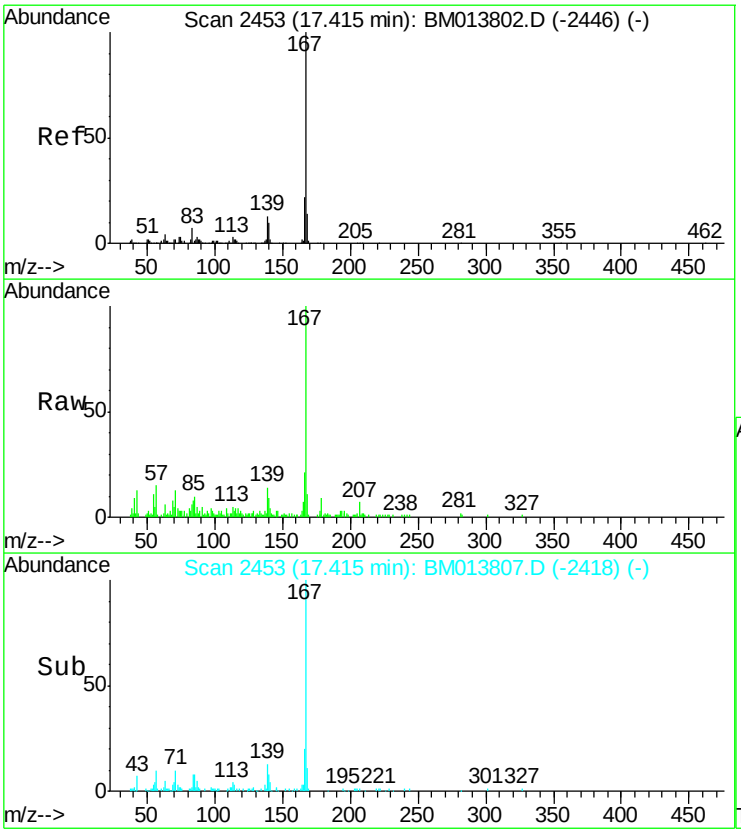
#71
Anthracene
Concen: 24.761 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. -0.09 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 807834

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	17.5	14.6	21.8

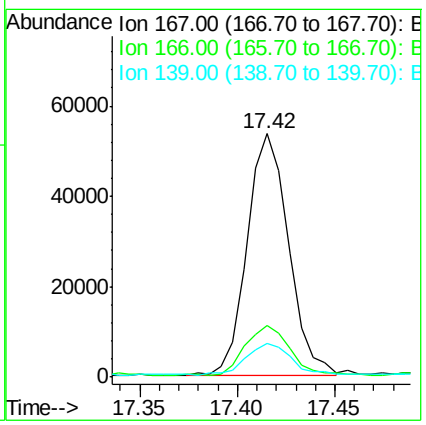


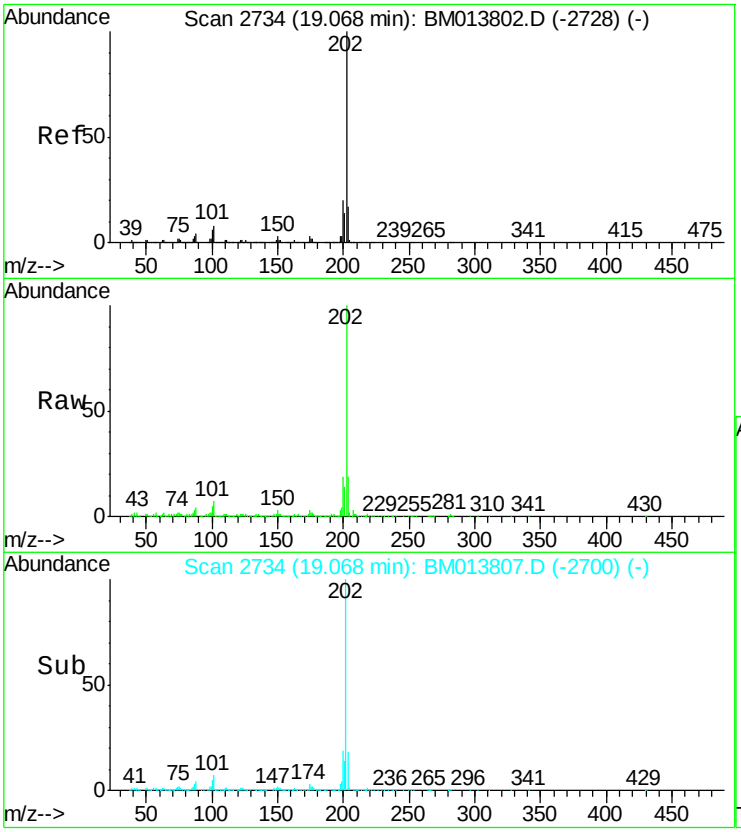


#72
Carbazole
Concen: 2.911 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:167 Resp: 78384

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	13.9	10.0	15.0



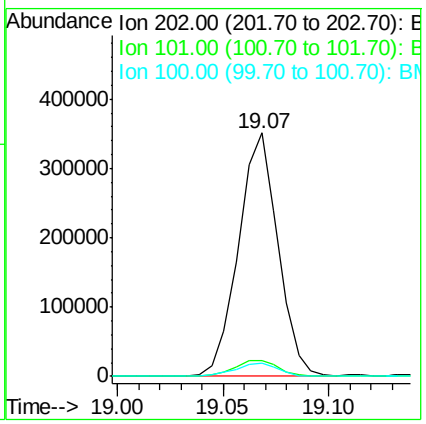


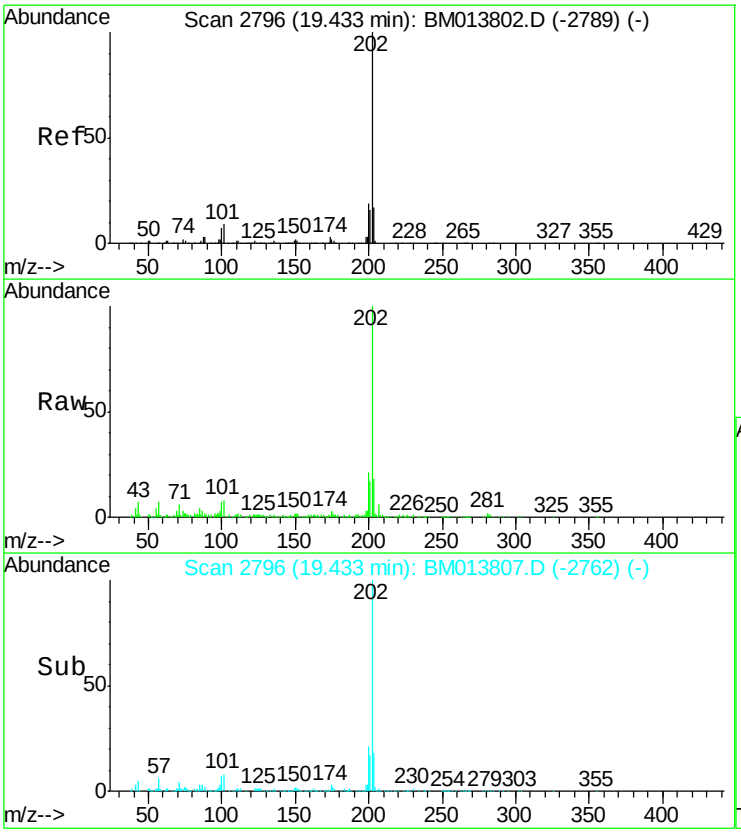
#74
Fluoranthene
Concen: 11.979 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 452285

Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.6	7.0
100	5.3	3.4	5.2#

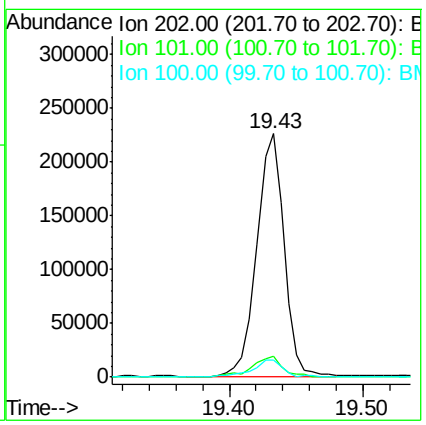


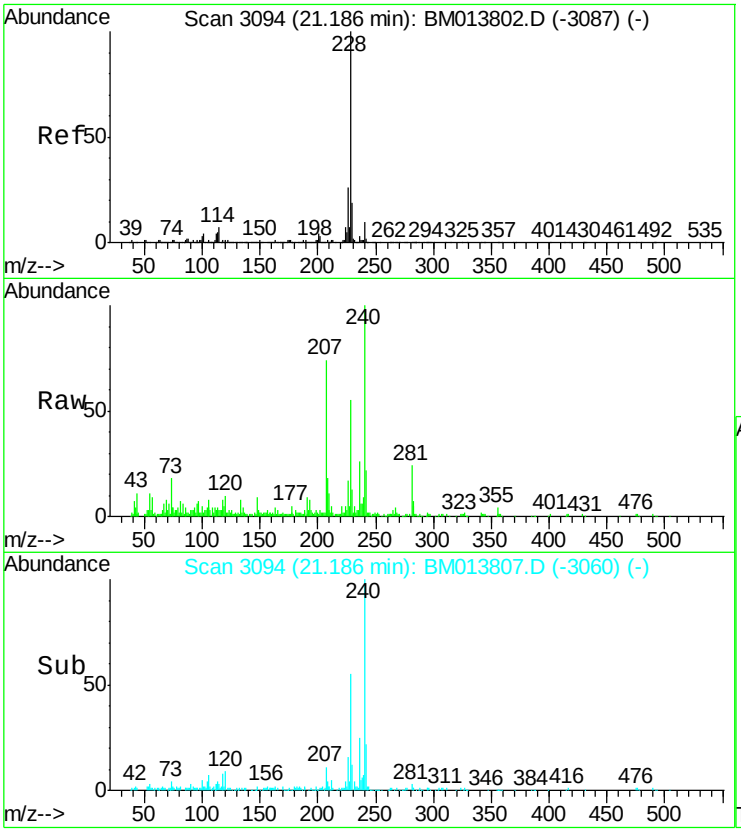


#77
Pyrene
Concen: 9.155 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:202 Resp: 317751

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	6.9	4.9	7.3



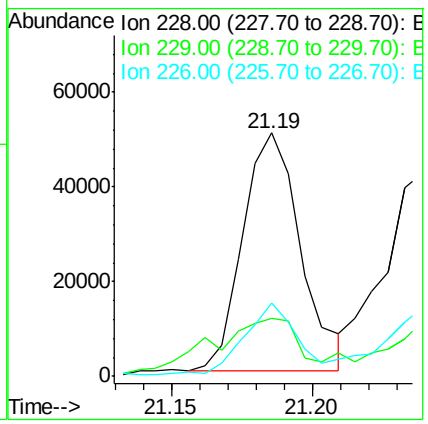


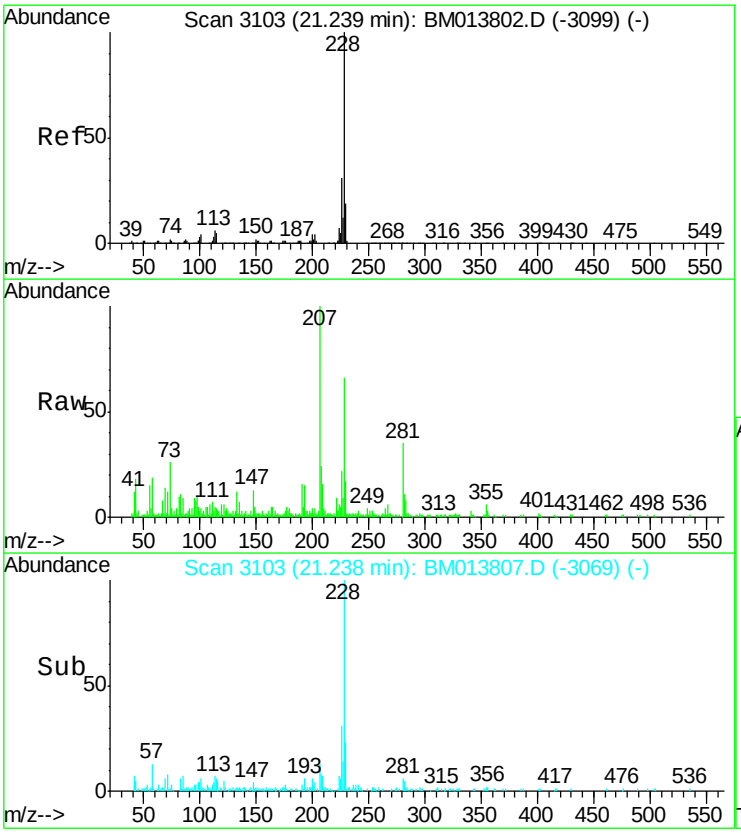
#80
Benzo(a)anthracene
Concen: 2.076 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 71628

Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.4	23.0#
226	30.0	21.4	32.0

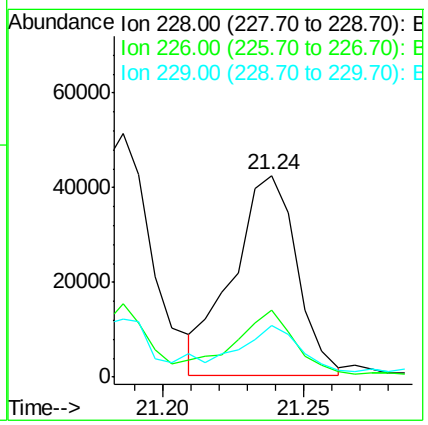


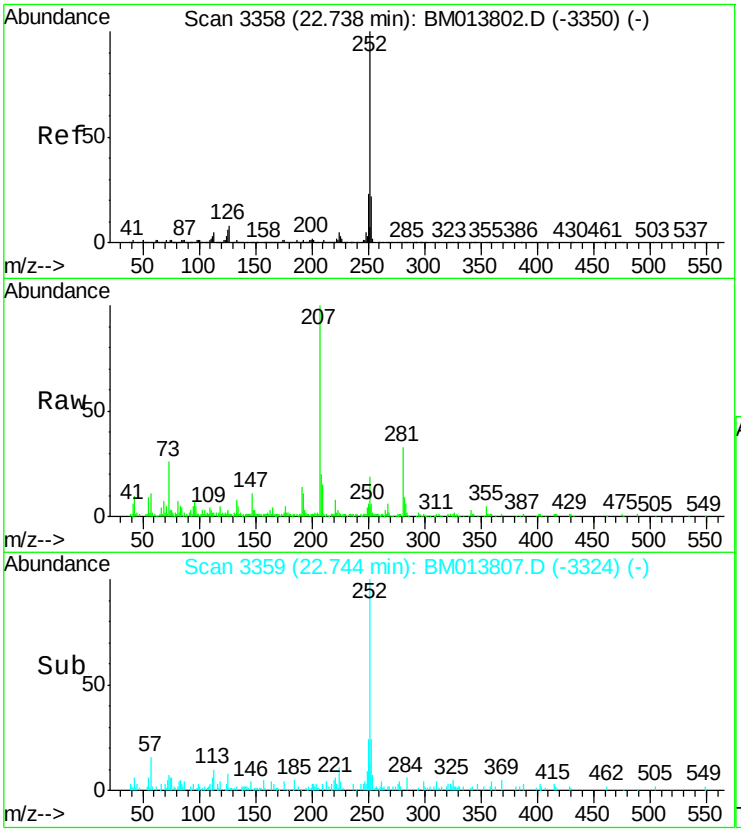


#82
Chrysene
Concen: 2.089 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion:228 Resp: 66123

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.2
229	25.5	15.5	23.3#





#85
Benzo(b)fluoranthene
Concen: 1.290 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 45683

Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.9	26.9#
125	13.3	3.6	5.4#