Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013240.D
Acq On : 07 Dec 2017 13:18
Operator : SJ/JU
Sample : I6647-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0248

Quant Time: Dec 08 01:54:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 01:54:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	212364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	805570	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	390680	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	748767	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	728186	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	756296	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	10873	2.54	ng/uL	0.00
5) Phenol-d5	6.88	99	282446	15.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	171510	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	243327	16.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	228346	14.55	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	120451	18.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	126107	18.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	226120	16.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	186423	14.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	611500	17.59	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	758682	17.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	79726	13.20	ng/ul	0.00
57) Fluorene-d10	15.33	176	485853	16.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	54410	11.55	ng/ul	0.00
70) Anthracene-d10	17.19	188	670982	17.89	ng/ul	0.00
76) Pyrene-d10	19.49	212	684376	18.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	676001	17.55	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.90	94	30498	1.679	ng/ul#	85
34) 2-Methylnaphthalene	12.15	142	43952	1.411	ng/ul	89
40) 1,1'-Biphenyl	13.17	154	38592	1.169	ng/ul	93
44) Dimethylphthalate	13.80	163	138922	4.178	ng/ul	99
49) Acenaphthene	14.40	153	199358	7.371	ng/ul	97
53) Dibenzofuran	14.74	168	102016	2.555	ng/ul	97
58) Fluorene	15.39	166	274067	8.298	ng/ul	99
69) Phenanthrene	17.13	178	3445312	80.992	ng/ul	100
71) Anthracene	17.22	178	323905	7.449	ng/ul	98
72) Carbazole	17.49	167	233585	6.246	ng/ul	98
74) Fluoranthene	19.16	202	4368227	83.794	ng/ul#	94
77) Pyrene	19.52	202	3805292	86.016	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	1234592	26.722	ng/ul	97
82) Chrysene	21.32	228	1690450	39.438	ng/ul	97
85) Benzo(b)fluoranthene	22.85	252	2007239	39.371	ng/ul#	93
86) Benzo(k)fluoranthene	22.85	252	2007239	41.836	ng/ul#	91
88) Benzo(a)pyrene	23.42	252	1099635	24.010	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.78	276	885494	19.486	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.79	278	232073	5.998	ng/ul#	68
91) Benzo(g,h,i)perylene	26.47	276	894362	24.952	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013240.D
Acq On : 07 Dec 2017 13:18
Operator : SJ/JU
Sample : I6647-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
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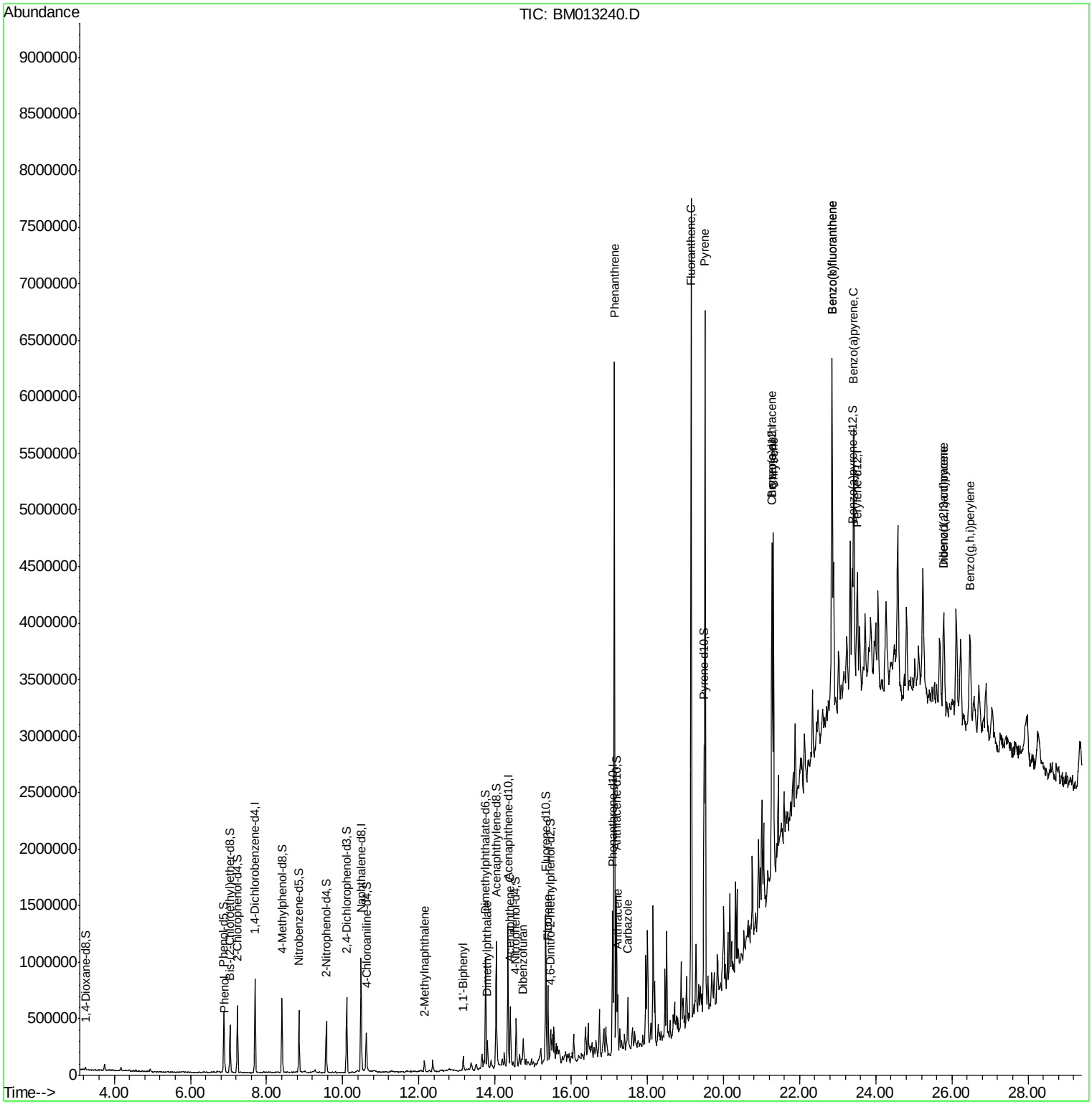
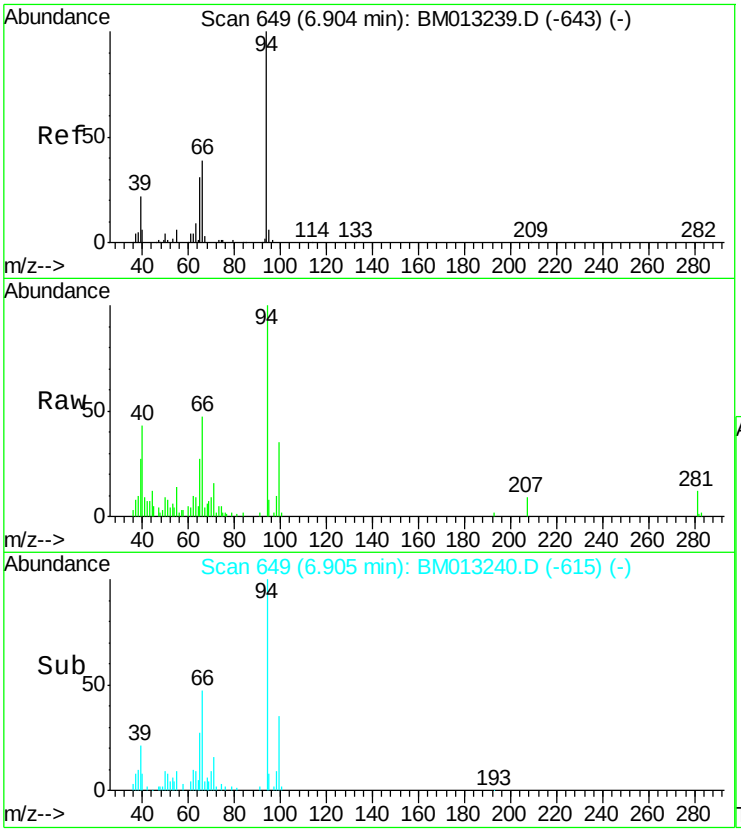
Quant Time: Dec 08 01:54:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 01:54:15 2017
Response via : Initial Calibration



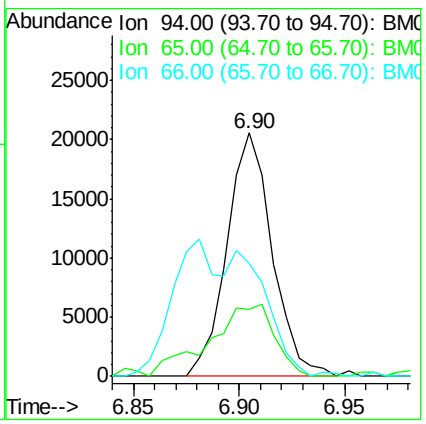


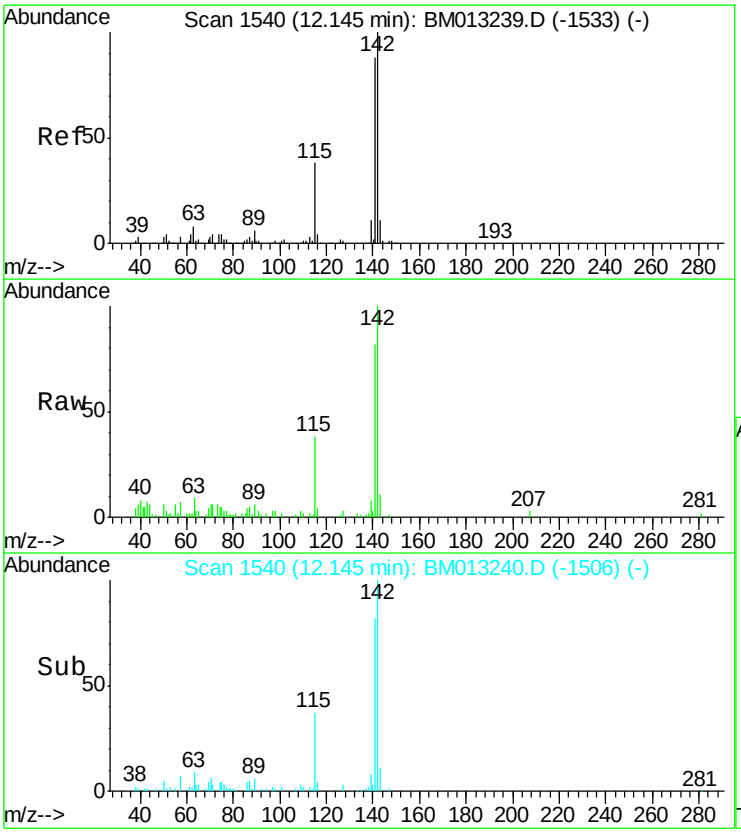
#6
Phenol
Concen: 1.679 ng/ul
RT: 6.90 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion: 94 Resp: 30498

Ion	Ratio	Lower	Upper
94	100		
65	27.5	28.2	42.4#
66	46.7	47.2	70.8#

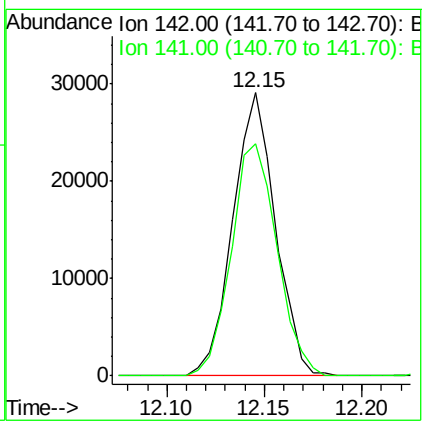


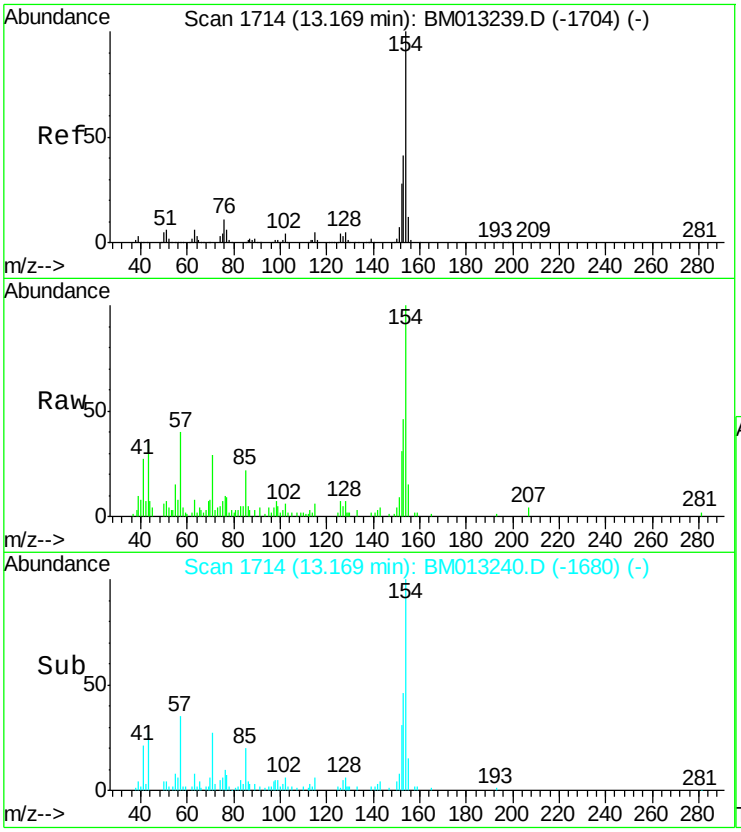


#34
2-Methylnaphthalene
Concen: 1.411 ng/ul
RT: 12.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:142 Resp: 43952

Ion	Ratio	Lower	Upper
142	100		
141	82.2	74.1	111.1



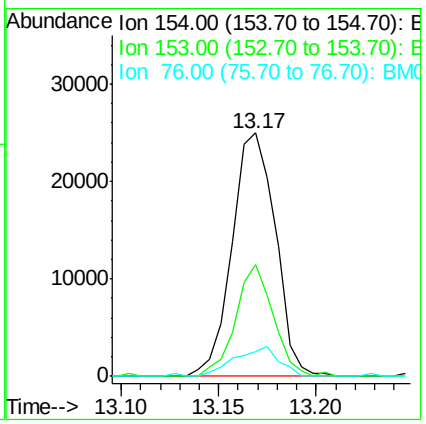


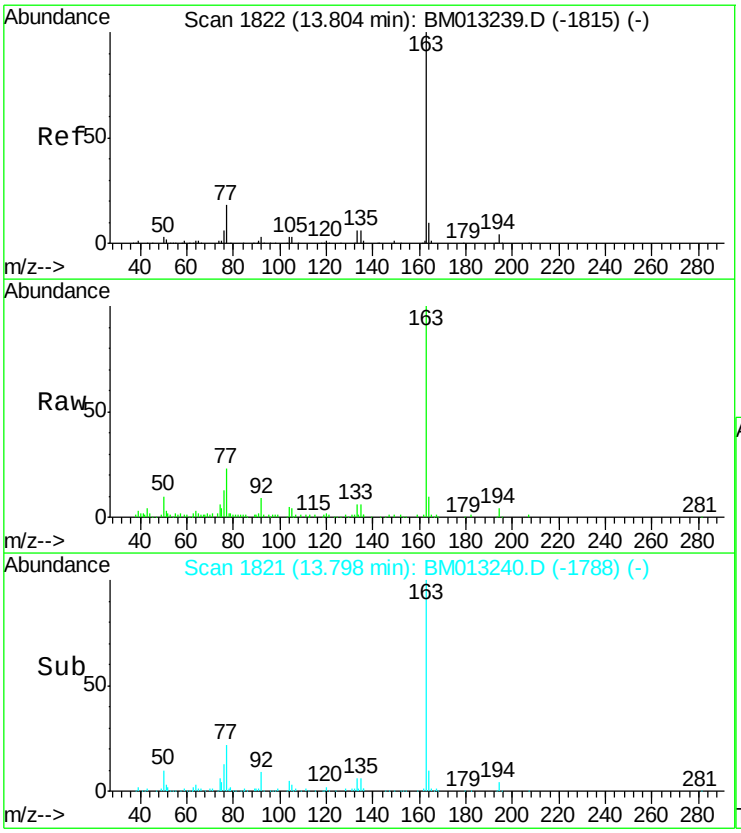
#40
1,1'-Biphenyl
Concen: 1.169 ng/ul
RT: 13.17 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:154 Resp: 38592

Ion	Ratio	Lower	Upper
154	100		
153	46.1	32.6	48.8
76	10.2	8.5	12.7

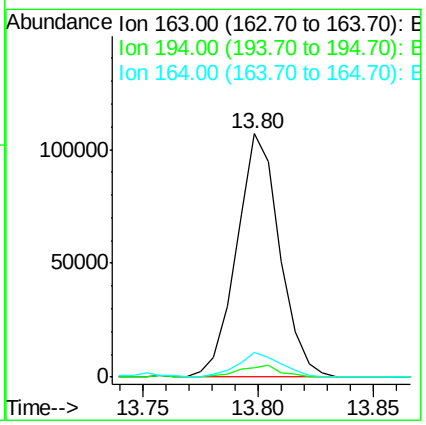


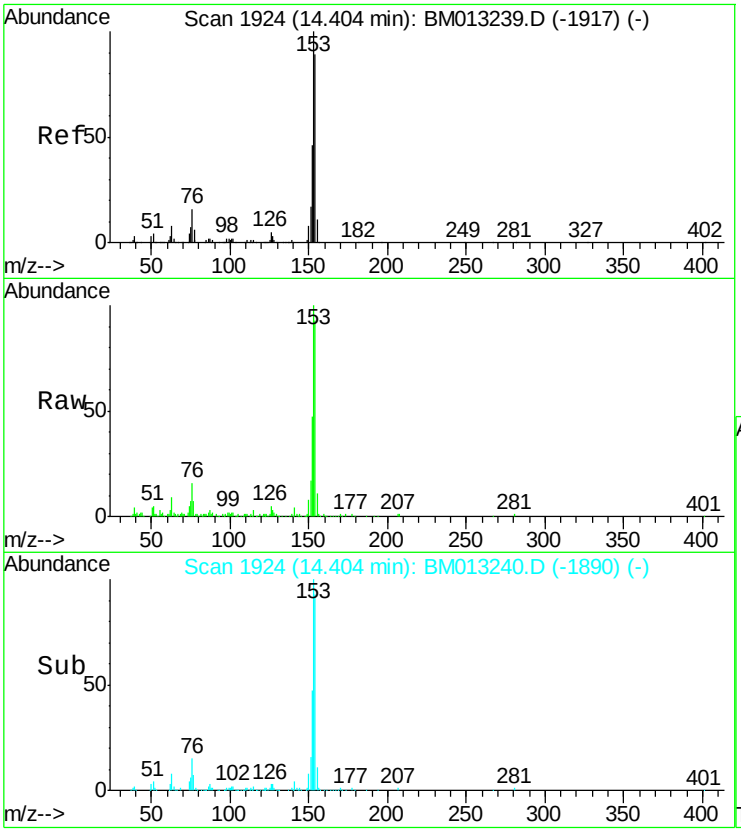


#44
Dimethylphthalate
Concen: 4.178 ng/ul
RT: 13.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:163 Resp: 138922

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.9	8.2	12.4



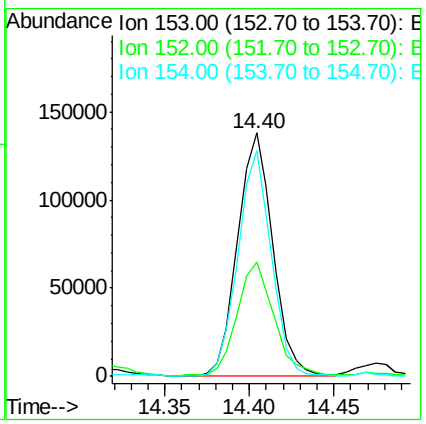


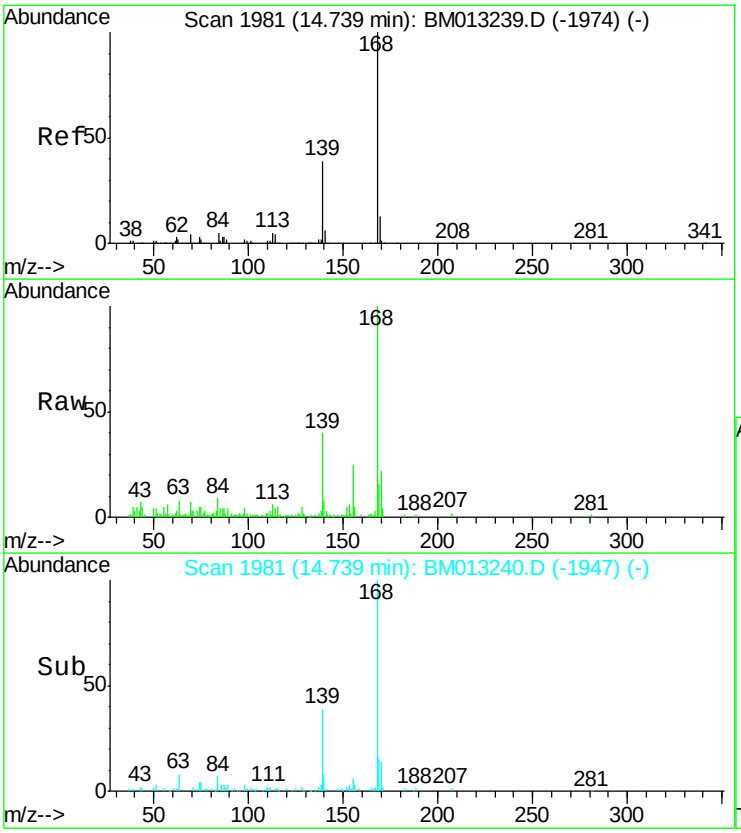
#49
Acenaphthene
Concen: 7.371 ng/ul
RT: 14.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:153 Resp: 199358

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.6	56.4
154	92.7	70.4	105.6

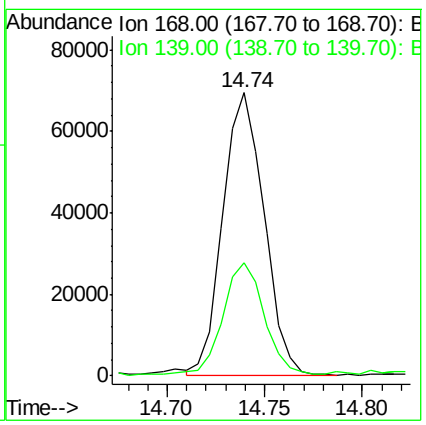


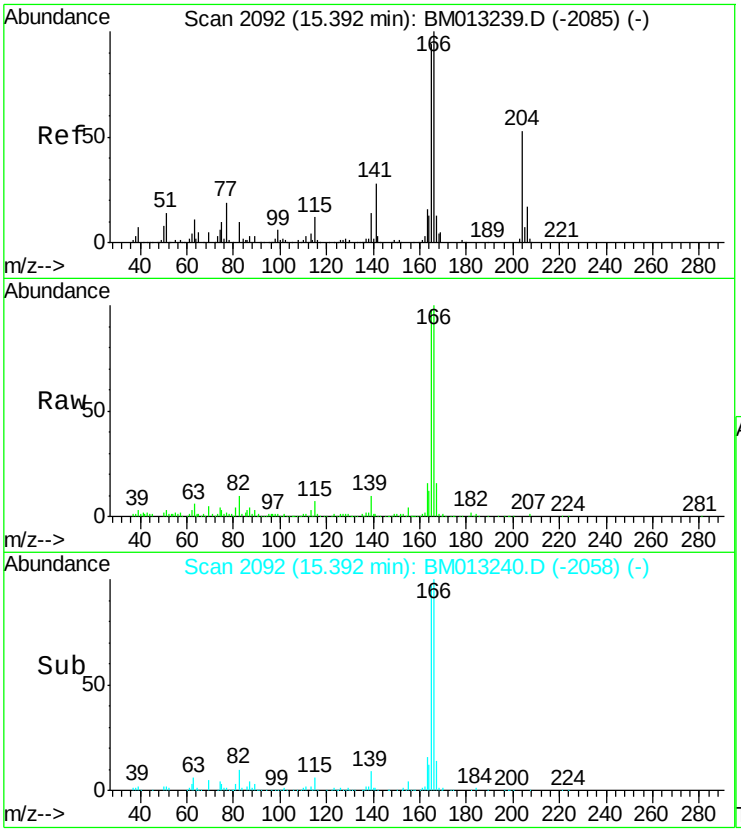


#53
Dibenzofuran
Concen: 2.555 ng/ul
RT: 14.74 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:168 Resp: 102016

Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.8	46.2



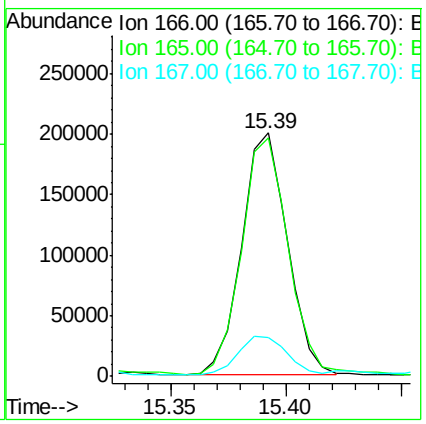


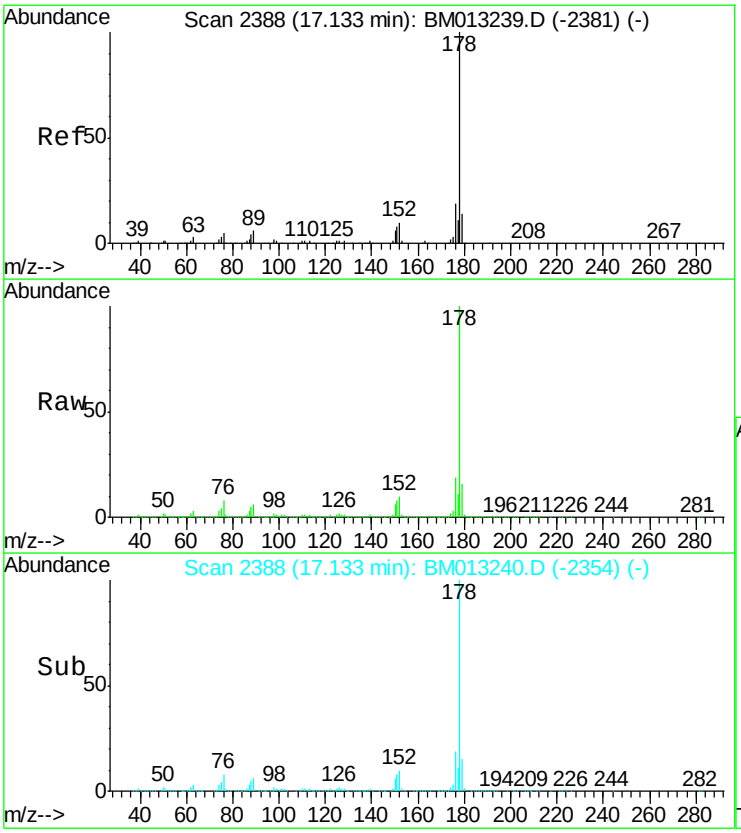
#58
Fluorene
Concen: 8.298 ng/ul
RT: 15.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:166 Resp: 274067

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	15.8	10.6	16.0

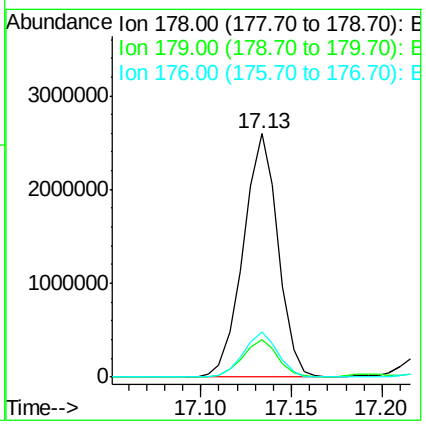


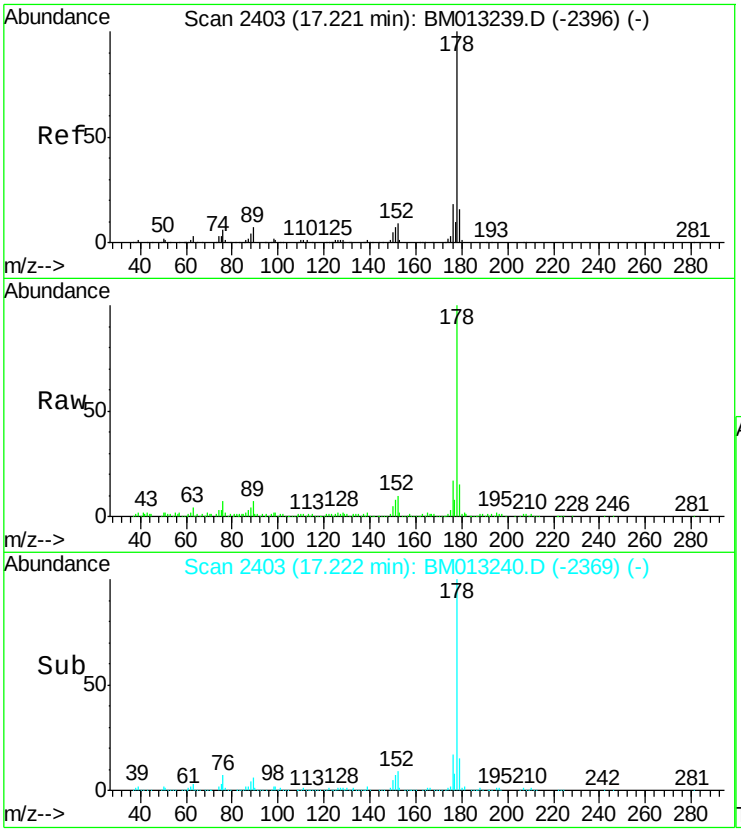


#69
Phenanthrene
Concen: 80.992 ng/ul
RT: 17.13 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:178 Resp: 3445312

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.7	14.9	22.3



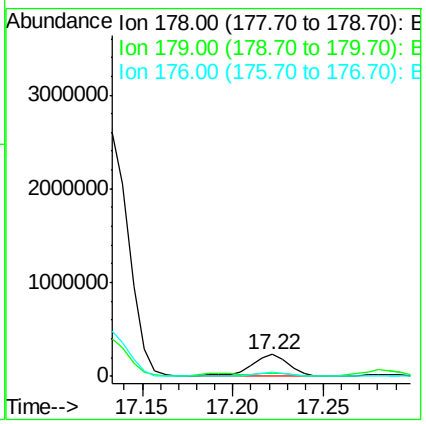


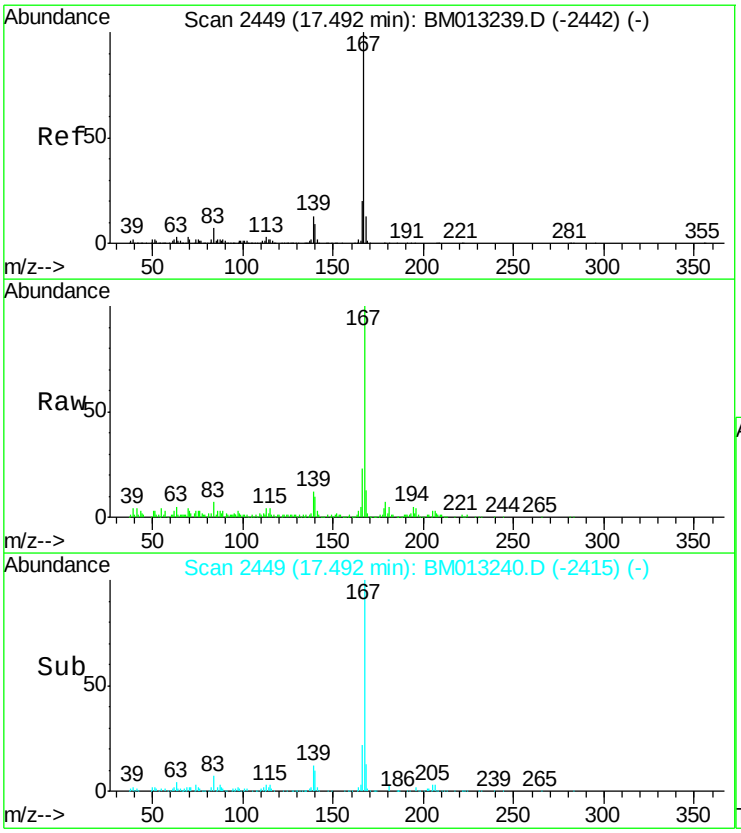
#71
Anthracene
Concen: 7.449 ng/ul
RT: 17.22 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:178 Resp: 323905

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.4	14.6	21.8

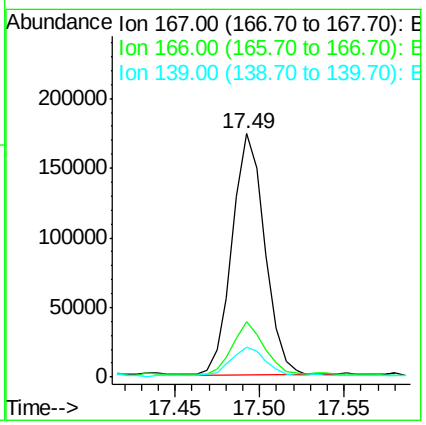


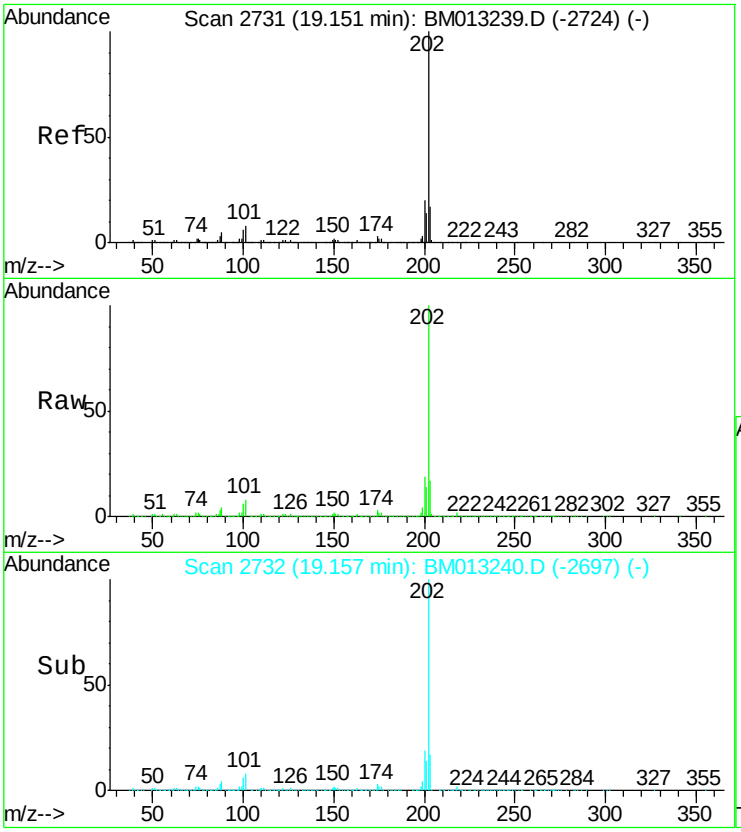


#72
Carbazole
Concen: 6.246 ng/ul
RT: 17.49 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:167 Resp: 233585

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.1	25.7
139	12.3	10.0	15.0



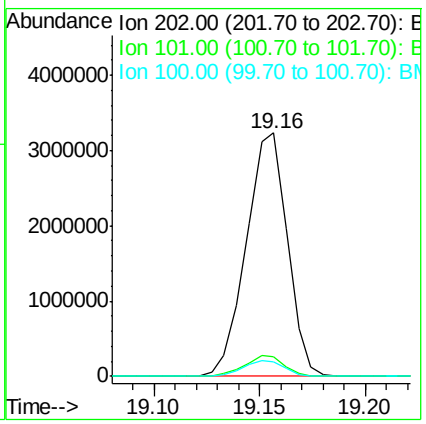


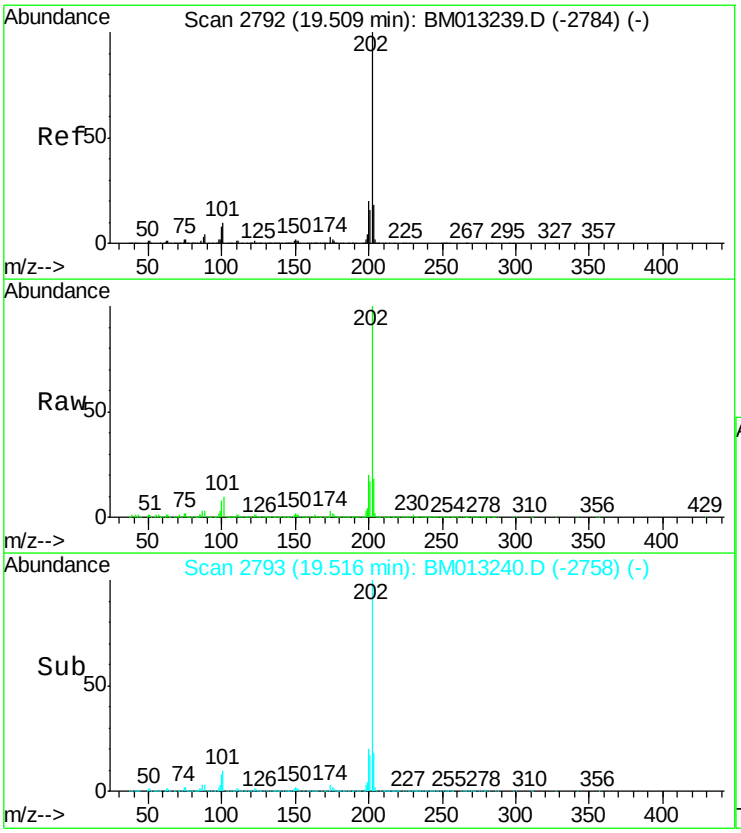
#74
Fluoranthene
Concen: 83.794 ng/ul
RT: 19.16 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:202 Resp: 4368227

Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	6.0	3.4	5.2#

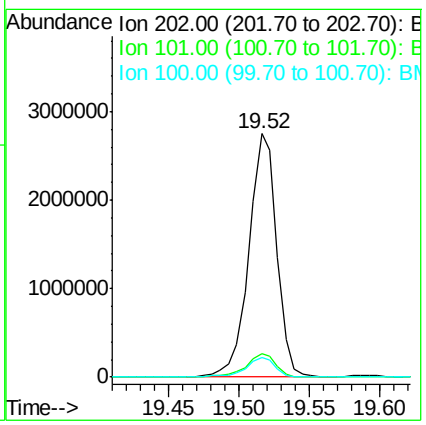


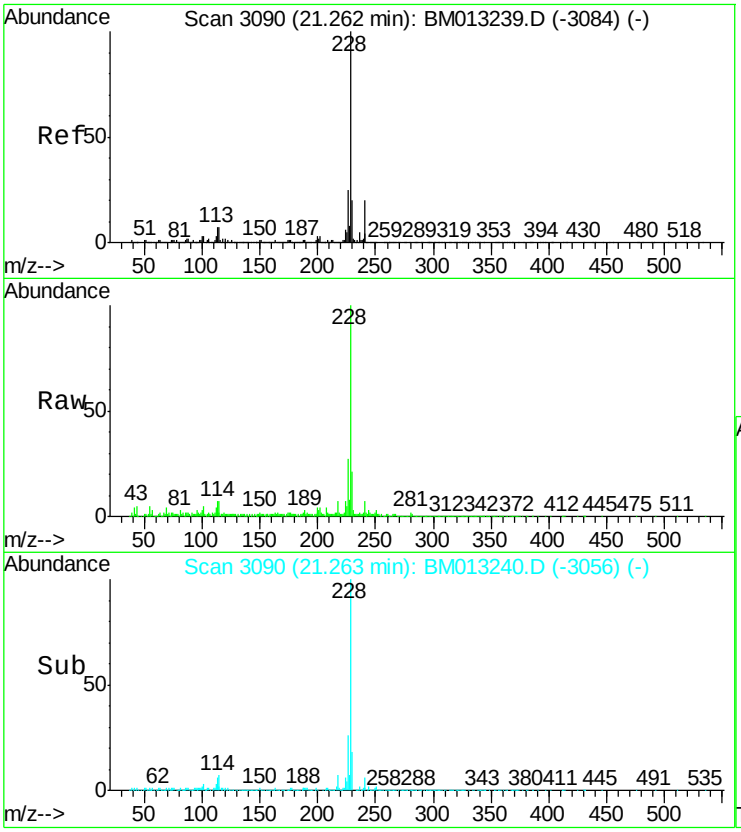


#77
Pyrene
Concen: 86.016 ng/ul
RT: 19.52 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:202 Resp: 3805292

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	8.2	4.9	7.3#



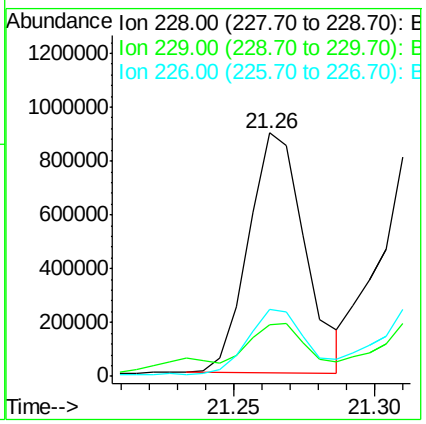


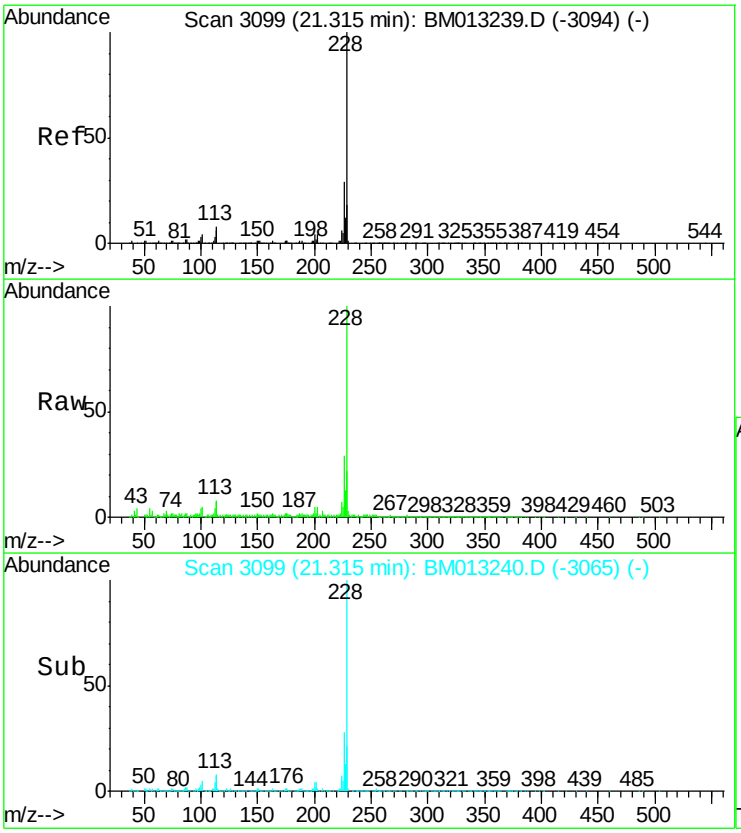
#80
Benzo(a)anthracene
Concen: 26.722 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:228 Resp: 1234592

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	27.5	21.4	32.0

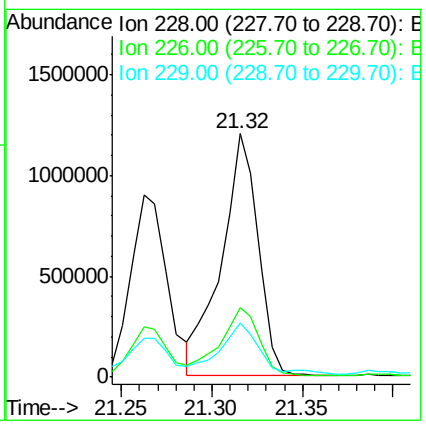


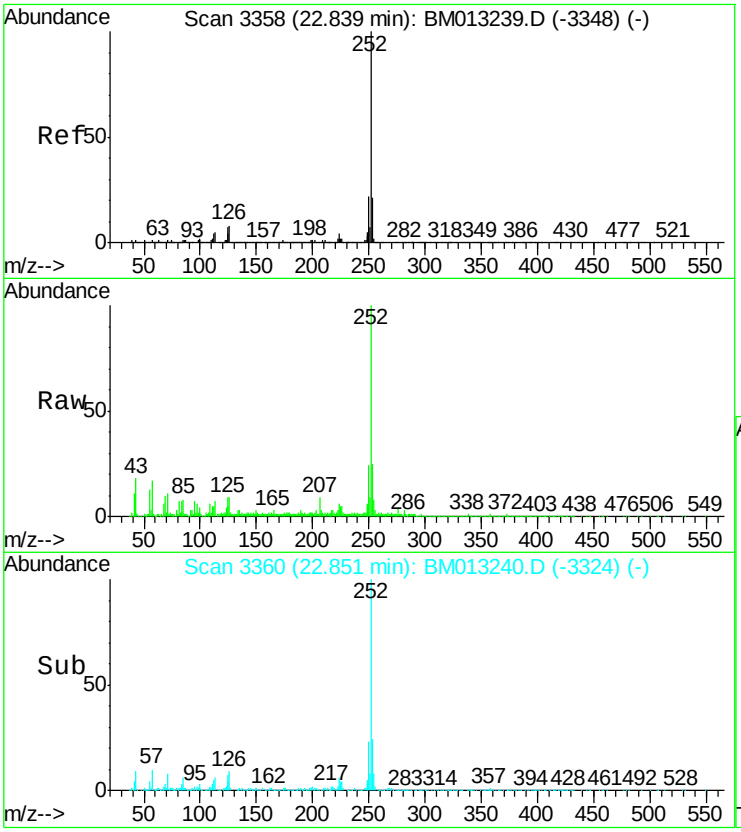


#82
Chrysene
Concen: 39.438 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:228 Resp: 1690450

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	22.2	15.5	23.3



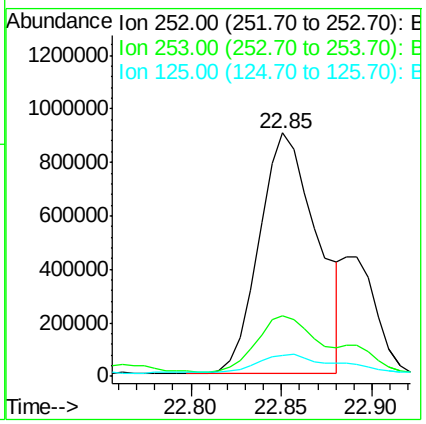


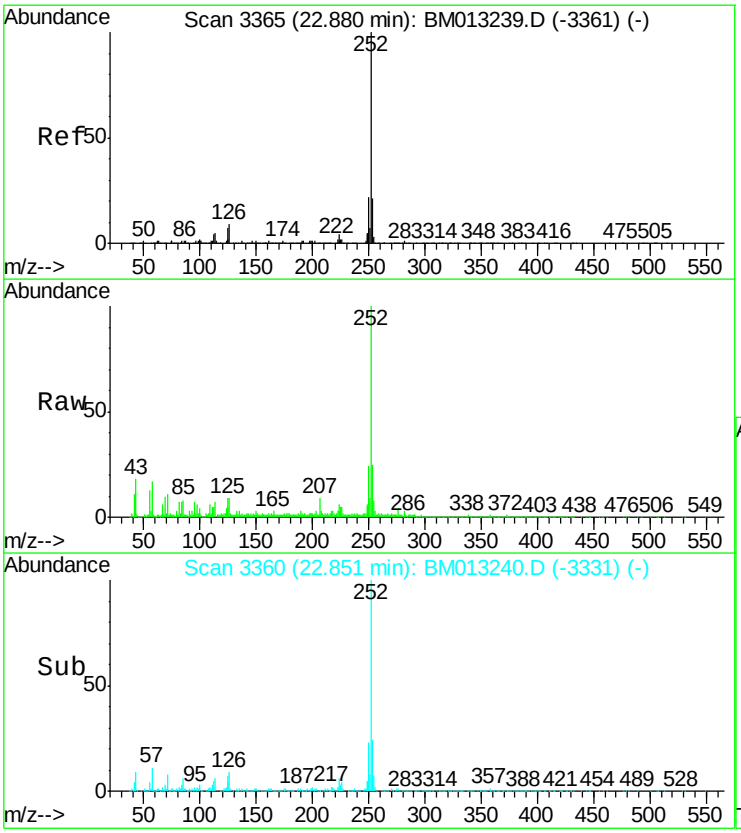
#85
Benzo(b)fluoranthene
Concen: 39.371 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:252 Resp: 2007239

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	8.8	3.6	5.4#

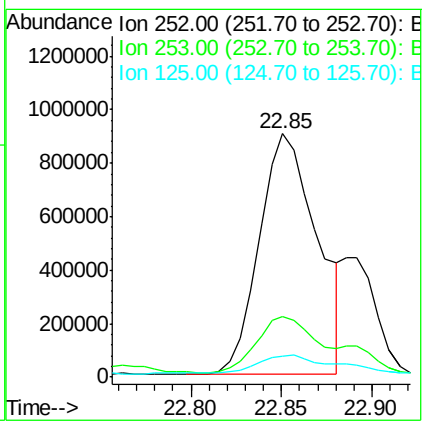


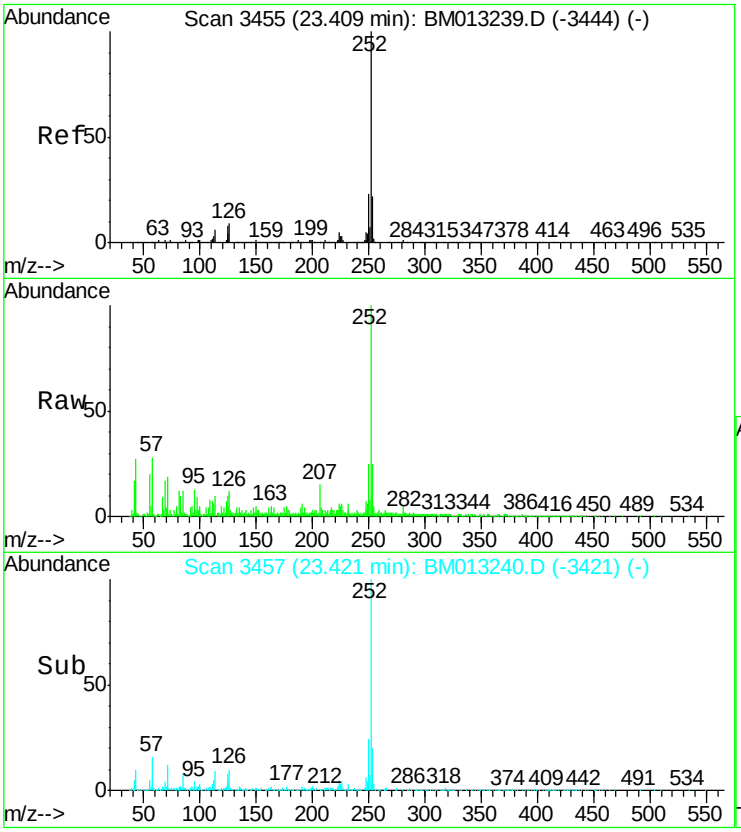


#86
Benzo(k)fluoranthene
Concen: 41.836 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. -0.03 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:252 Resp: 2007239

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	8.8	3.4	5.2#



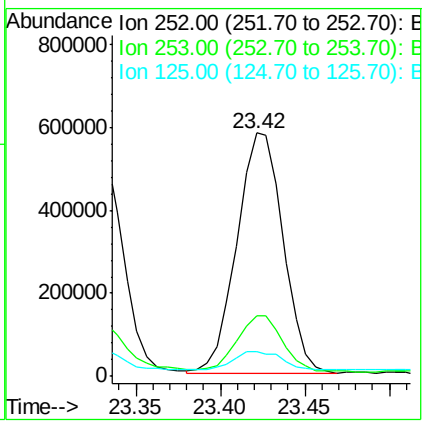


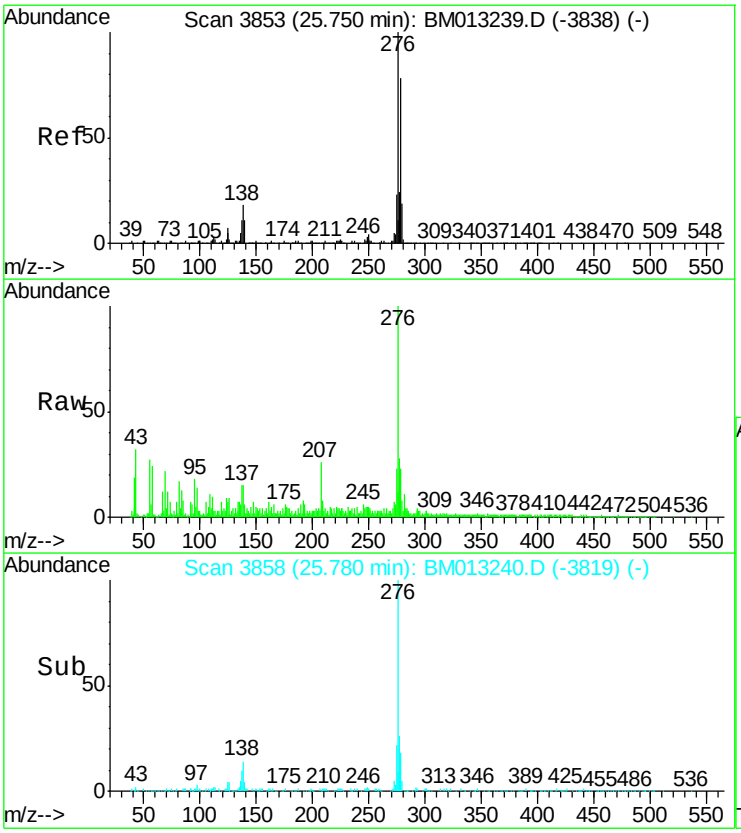
#88
Benzo(a)pyrene
Concen: 24.010 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:252 Resp: 1099635

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	10.3	4.0	6.0#

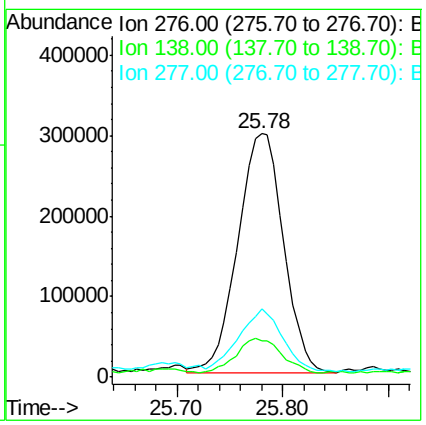


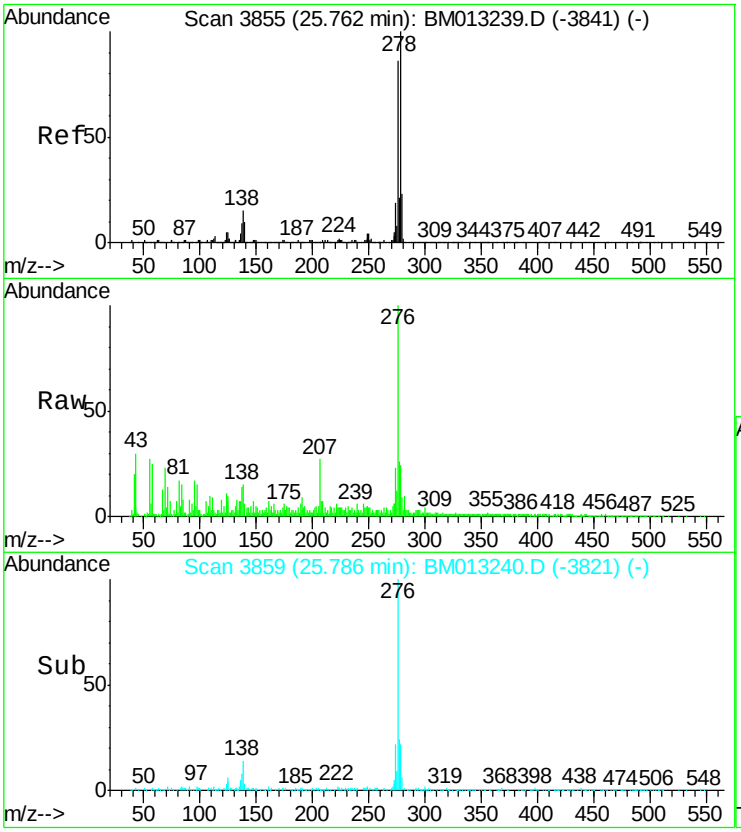


#89
Indeno(1,2,3-cd)pyrene
Concen: 19.486 ng/ul
RT: 25.78 min Scan# 3858
Delta R.T. 0.03 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:276 Resp: 885494

Ion	Ratio	Lower	Upper
276	100		
138	14.8	9.3	13.9#
277	28.0	19.9	29.9



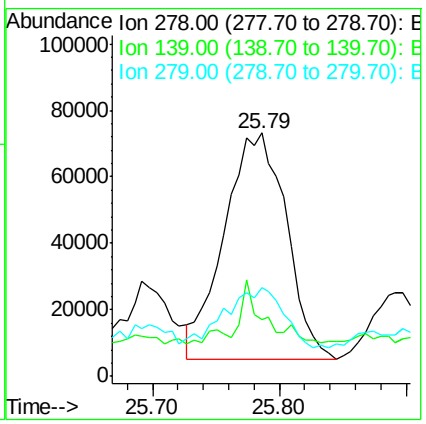


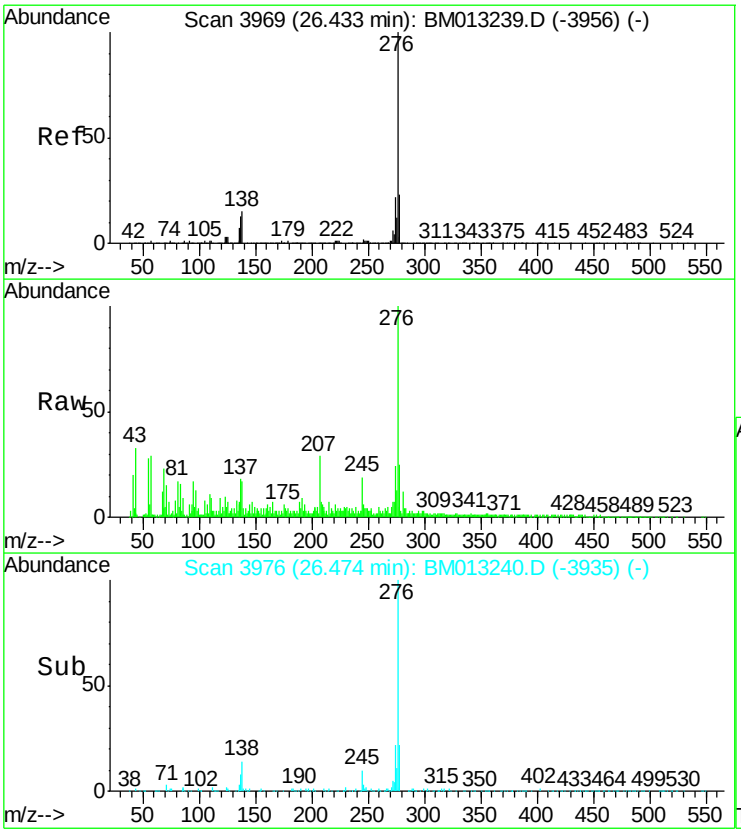
#90
Dibenzo(a,h)anthracene
Concen: 5.998 ng/ul
RT: 25.79 min Scan# 3859
Delta R.T. 0.02 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Instrument :
BNA_M
ClientSampleId :
C0248

Tgt Ion:278 Resp: 232073

Ion	Ratio	Lower	Upper
278	100		
139	23.4	5.8	8.8#
279	36.4	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 24.952 ng/ul
RT: 26.47 min Scan# 3976
Delta R.T. 0.04 min
Lab File: BM013240.D
Acq: 07 Dec 2017 13:18

Tgt Ion:276 Resp: 894362

Ion	Ratio	Lower	Upper
276	100		
138	16.7	8.5	12.7#
277	25.3	18.6	28.0