Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022445.D
Acq On : 30 Aug 2019 17:40
Operator : HP/JU
Sample : K4594-01DL 100X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 30 18:23:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	12687	20.00	ng		-0.01
21) Naphthalene-d8	10.29	136	45417	20.00	ng		-0.01
39) Acenaphthene-d10	14.18	164	27861	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	69987	20.00	ng		0.00
76) Chrysene-d12	21.16	240	102409	20.00	ng		-0.01
87) Perylene-d12	23.35	264	127463	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	461	0.64	ng		0.01
7) Phenol-d6	6.74	99	762	0.79	ng		0.02
23) Nitrobenzene-d5	8.71	82	388	0.37	ng		0.01
42) 2,4,6-Tribromophenol	15.70	330	590	1.03	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	3250	1.32	ng		-0.01
79) Terphenyl-d14	19.60	244	133075	17.15	ng		0.00
Target Compounds							Qvalue
52) Acenaphthene	14.24	154	4093	2.502	ng		98
58) Fluorene	15.24	166	7146	2.902	ng		98
60) Diethylphthalate	15.03	149	6415	2.534	ng		96
71) Phenanthrene	16.99	178	115419	28.292	ng		98
72) Anthracene	17.09	178	35079	8.740	ng		98
73) Carbazole	17.38	167	19081	5.751	ng	#	94
75) Fluoranthene	19.02	202	286544	52.744	ng		98
77) Benzidine	19.19	184	3917	2.271	ng	#	1
78) Pyrene	19.39	202	206333	29.564	ng		100
80) Butylbenzylphthalate	20.30	149	6534	2.683	ng		98
81) Benzo(a)anthracene	21.15	228	136704	18.598	ng		99
83) Chrysene	21.20	228	122080	17.449	ng		99
84) Bis(2-ethylhexyl)phthalate	21.07	149	10068	3.044	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.53	276	80831	11.486	ng		99
88) Benzo(b)fluoranthene	22.70	252	161760	18.268	ng	#	97
89) Benzo(k)fluoranthene	22.70	252	161760	18.415	ng	#	95
90) Benzo(a)pyrene	23.26	252	133612	17.000	ng	#	92
91) Dibenzo(a,h)anthracene	25.53	278	19489	2.487	ng	#	90
92) Benzo(g,h,i)perylene	26.20	276	80808	11.830	ng		97

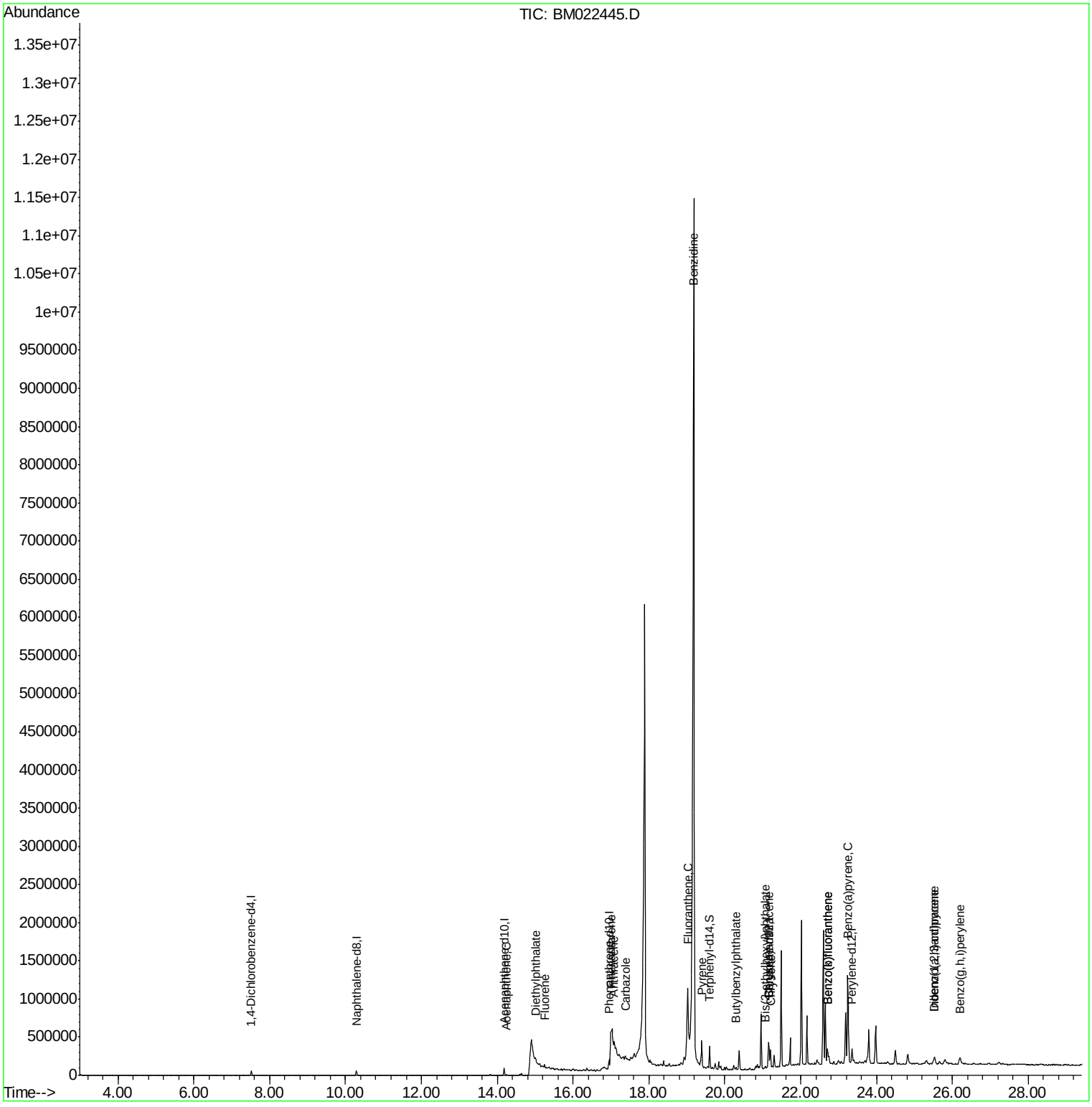
(#) = qualifier out of range (m) = manual integration (+) = signals summed

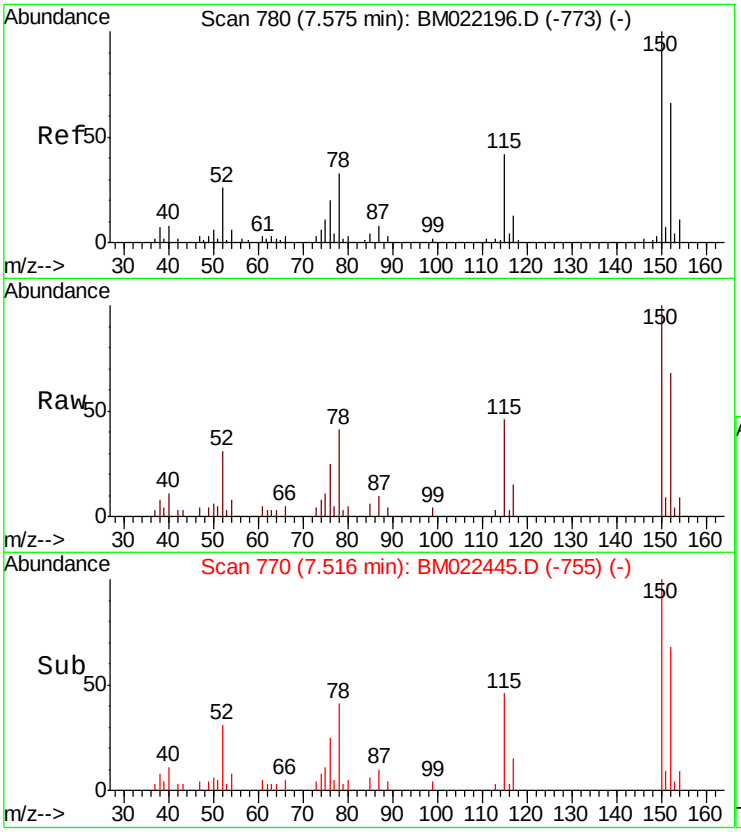
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022445.D
Acq On : 30 Aug 2019 17:40
Operator : HP/JU
Sample : K4594-01DL 100X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 30 18:23:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration



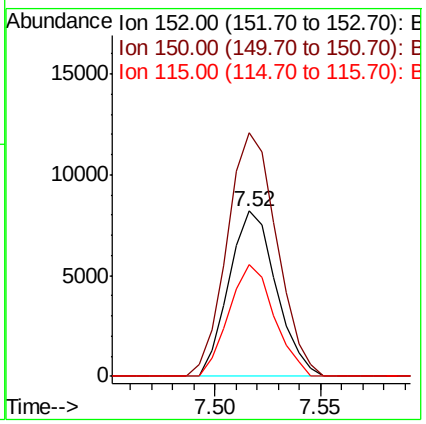


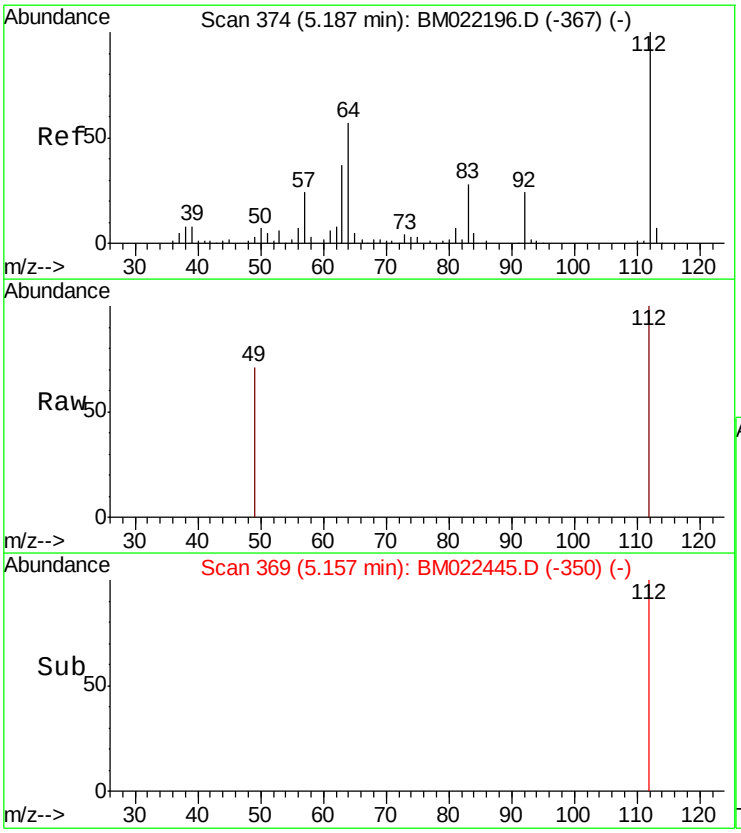
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 12687

Ion	Ratio	Lower	Upper
152	100		
150	147.6	125.4	188.0
115	67.7	50.3	75.5

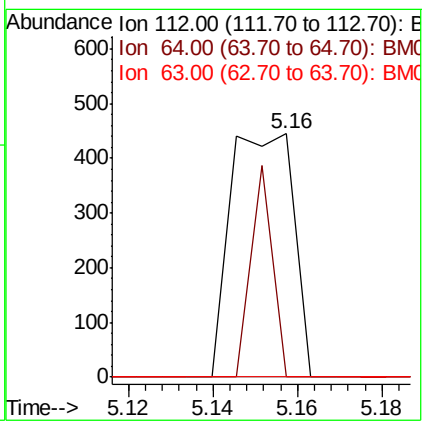


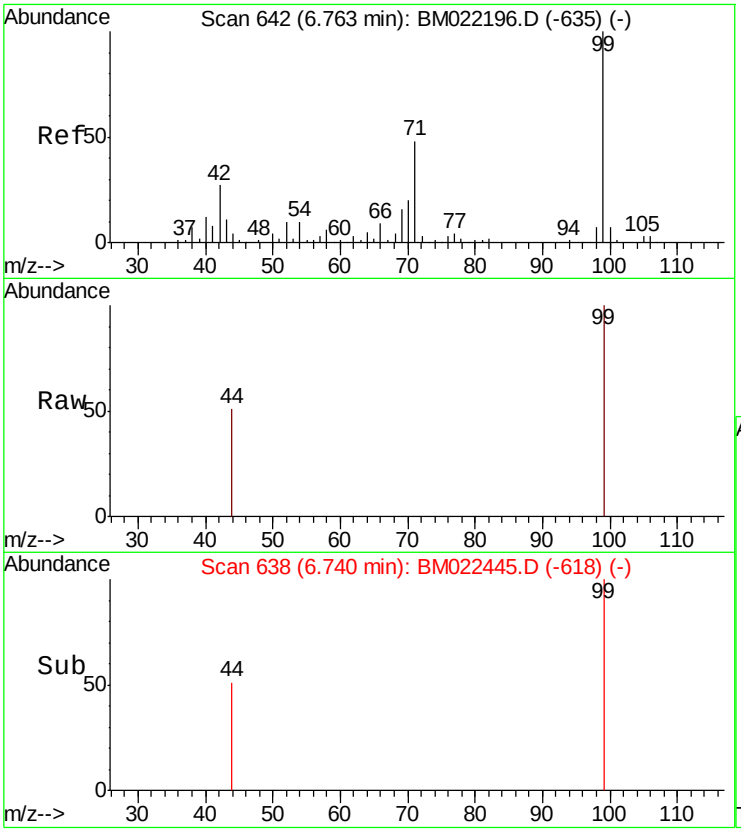


#5
2-Fluorophenol
Concen: 0.638 ng
RT: 5.16 min Scan# 369
Delta R.T. 0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:112 Resp: 461

Ion	Ratio	Lower	Upper
112	100		
64	0.0	45.4	68.2#
63	0.0	34.5	51.7#



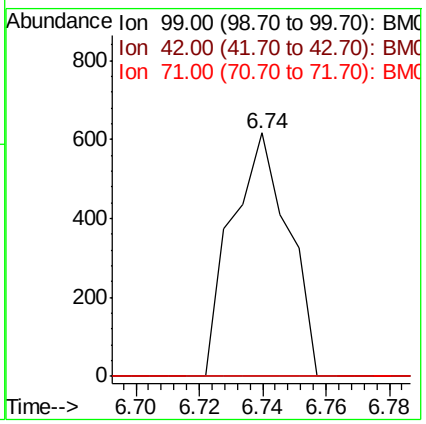


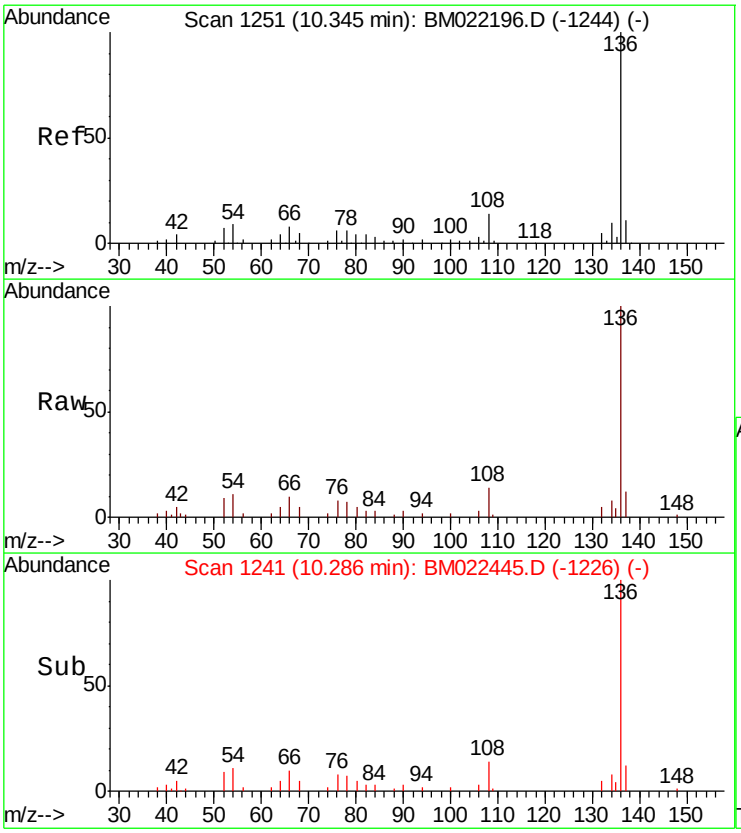
#7
Phenol-d6
Concen: 0.788 ng
RT: 6.74 min Scan# 638
Delta R.T. 0.02 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 762

Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.3	39.5#
71	0.0	46.6	69.8#

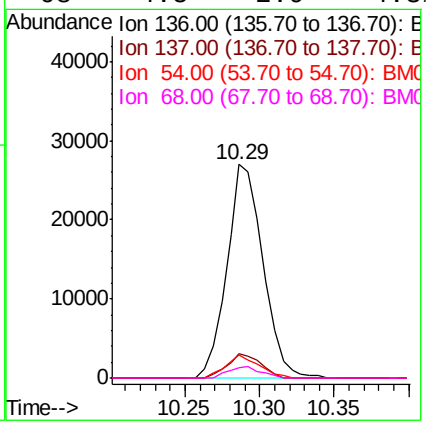


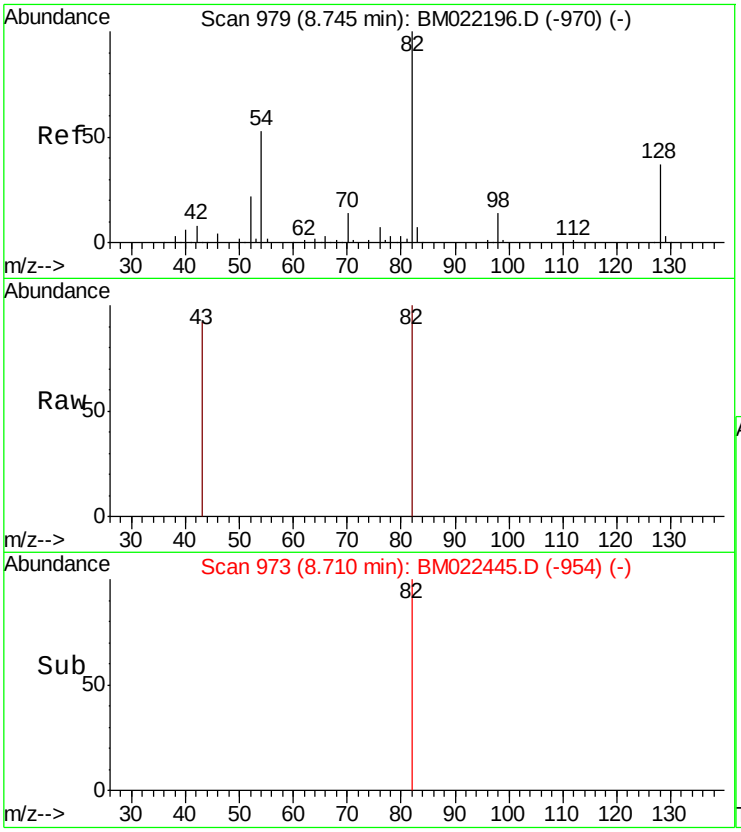


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:136 Resp: 45417

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	10.6	7.0	10.6#
68	4.5	2.9	4.3#



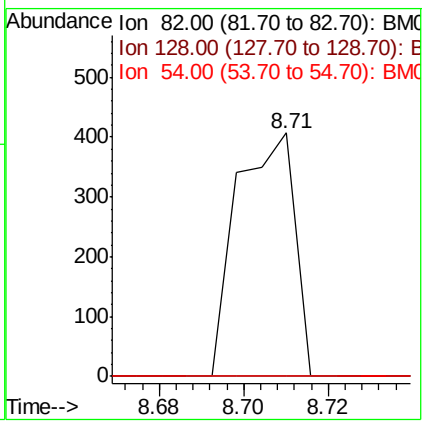


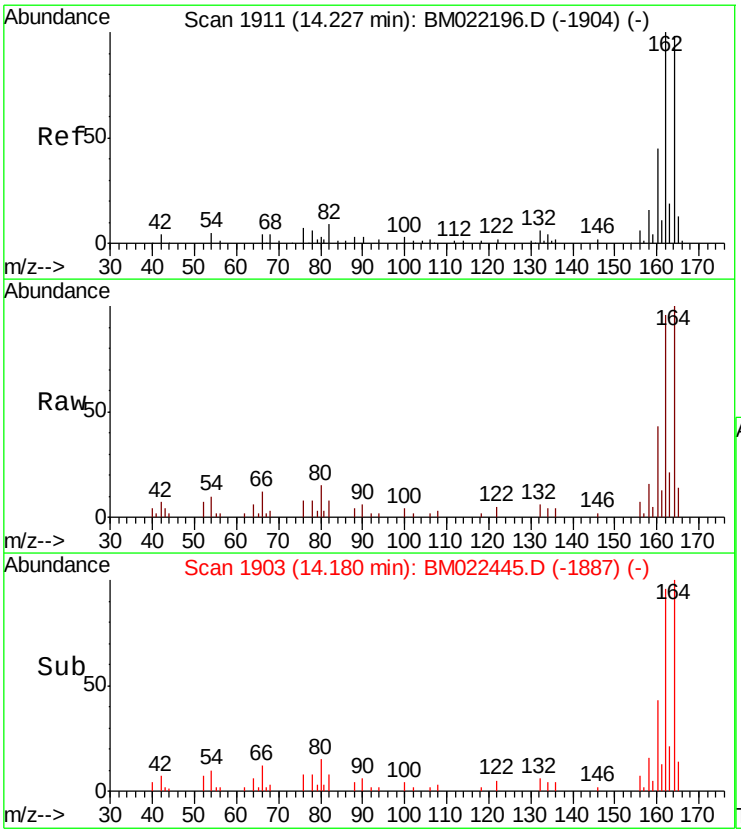
#23
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.71 min Scan# 973
Delta R.T. 0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 388

Ion	Ratio	Lower	Upper
82	100		
128	0.0	27.9	41.9#
54	0.0	45.2	67.8#

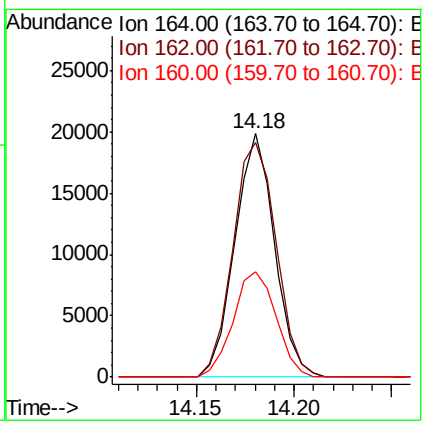


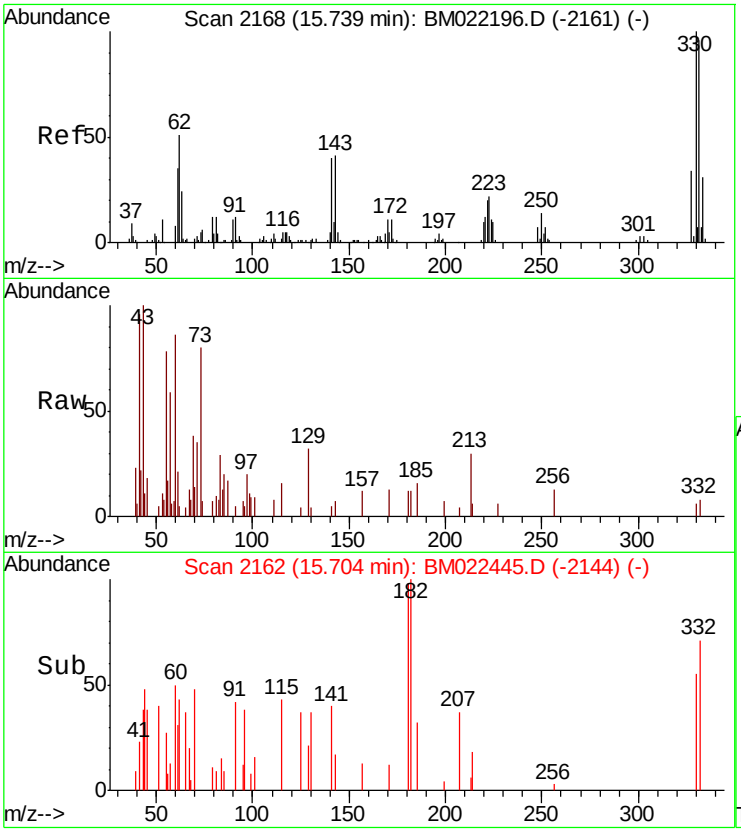


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:164 Resp: 27861

Ion	Ratio	Lower	Upper
164	100		
162	96.1	80.6	121.0
160	43.4	37.3	55.9



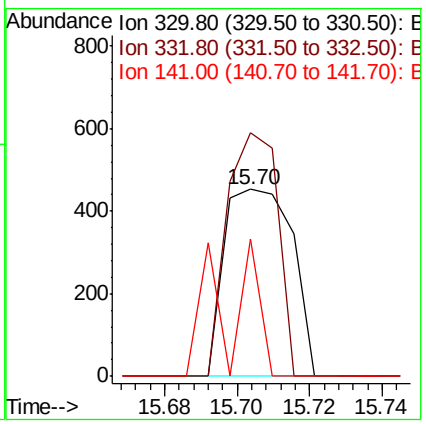


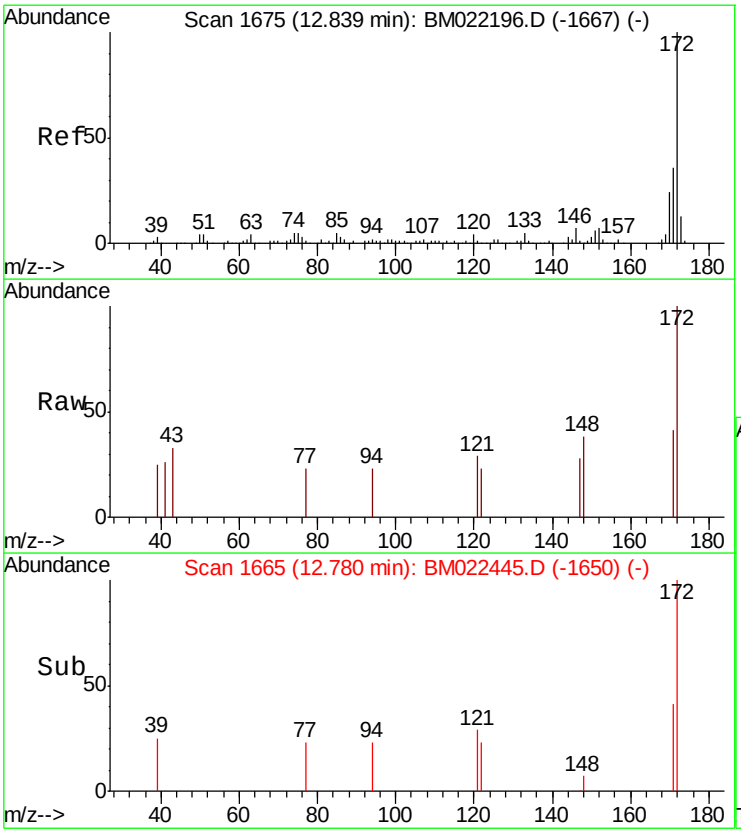
#42
2,4,6-Tribromophenol
Concen: 1.035 ng
RT: 15.70 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 590

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.8
141	39.2	35.6	53.4

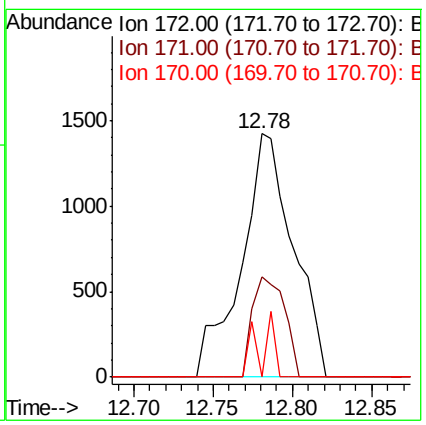


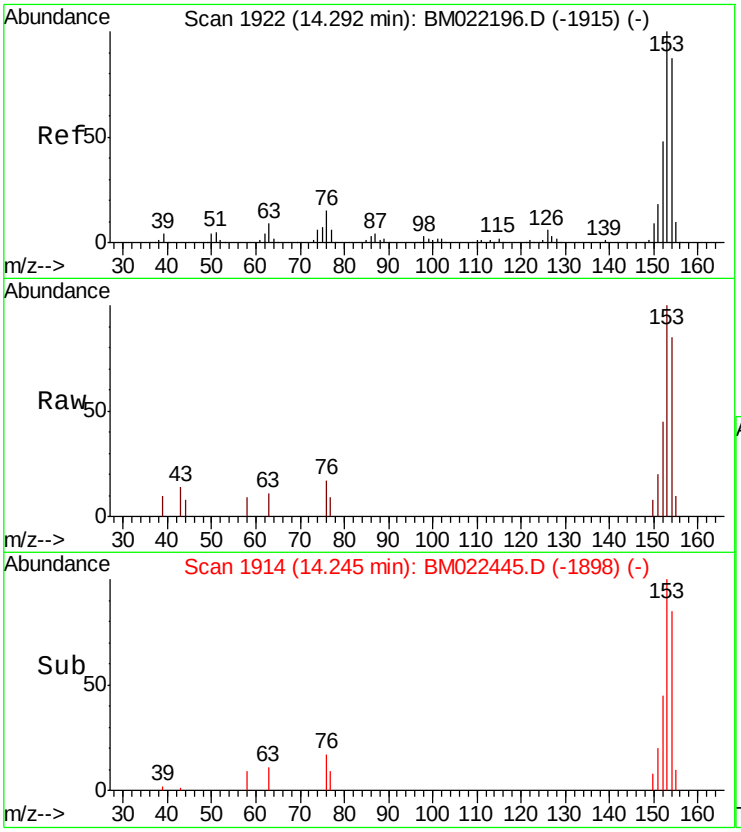


#45
2-Fluorobiphenyl
Concen: 1.321 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:172 Resp: 3250

Ion	Ratio	Lower	Upper
172	100		
171	41.0	28.5	42.7
170	0.0	18.9	28.3#



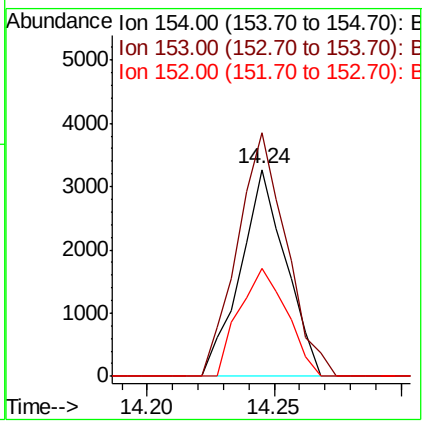


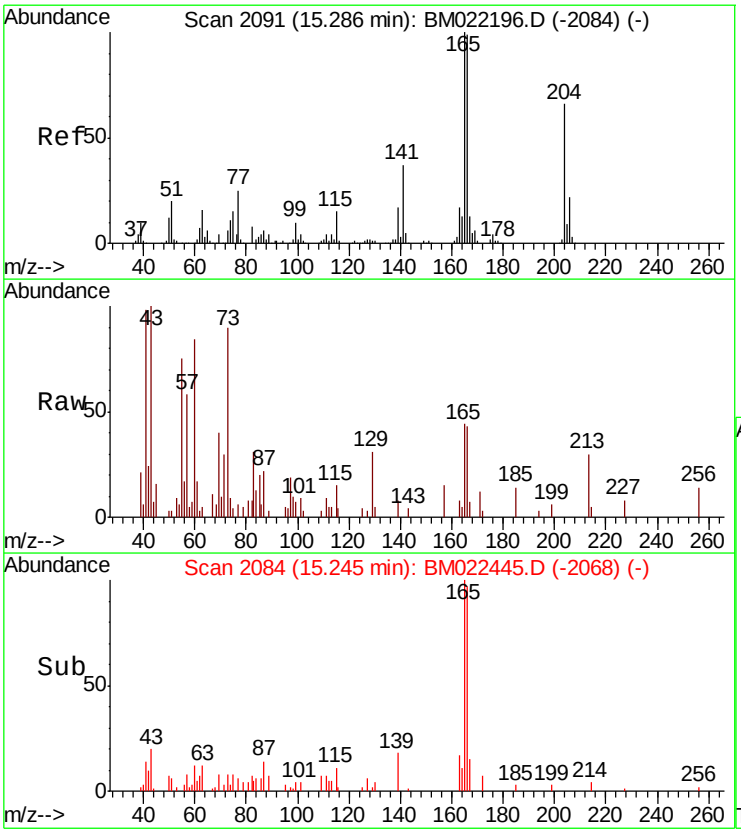
#52
Acenaphthene
Concen: 2.502 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 4093

Ion	Ratio	Lower	Upper
154	100		
153	117.9	94.3	141.5
152	52.5	45.4	68.2

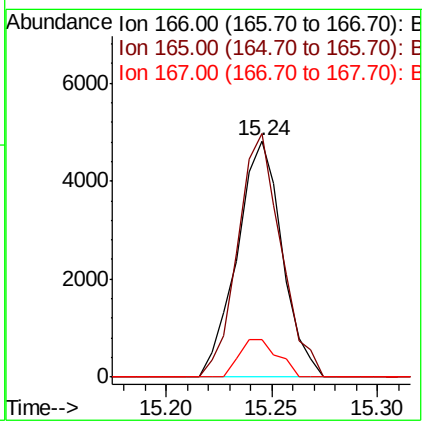


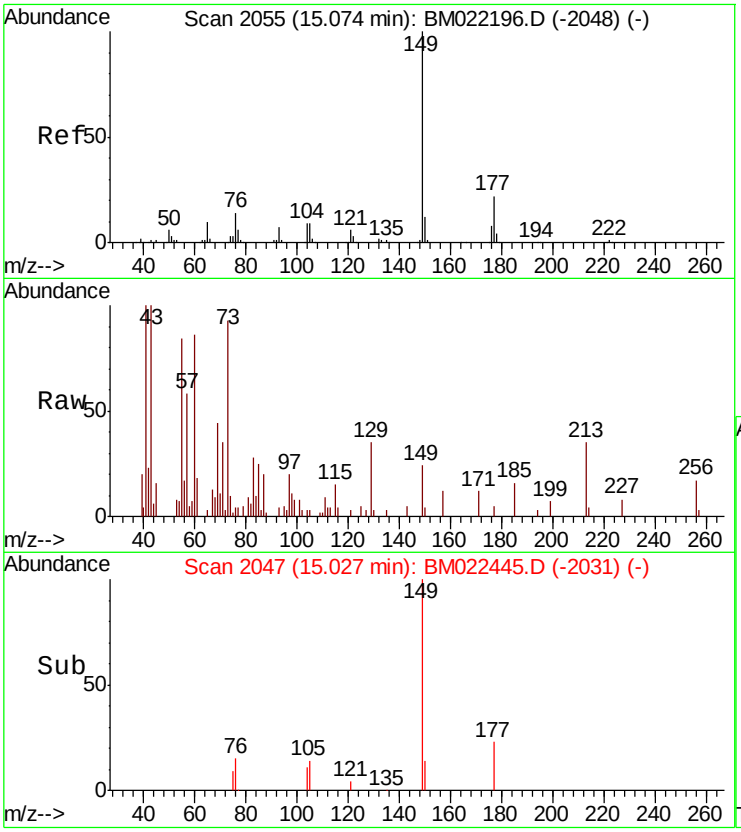


#58
Fluorene
Concen: 2.902 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:166 Resp: 7146

Ion	Ratio	Lower	Upper
166	100		
165	103.1	81.1	121.7
167	15.9	11.1	16.7



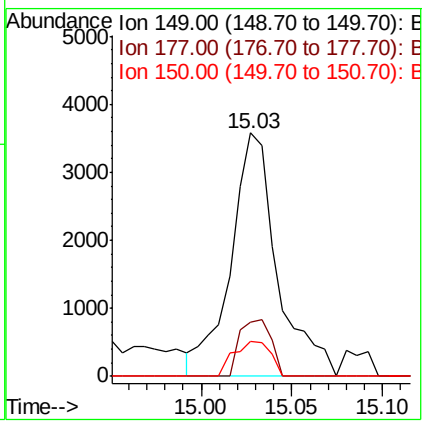


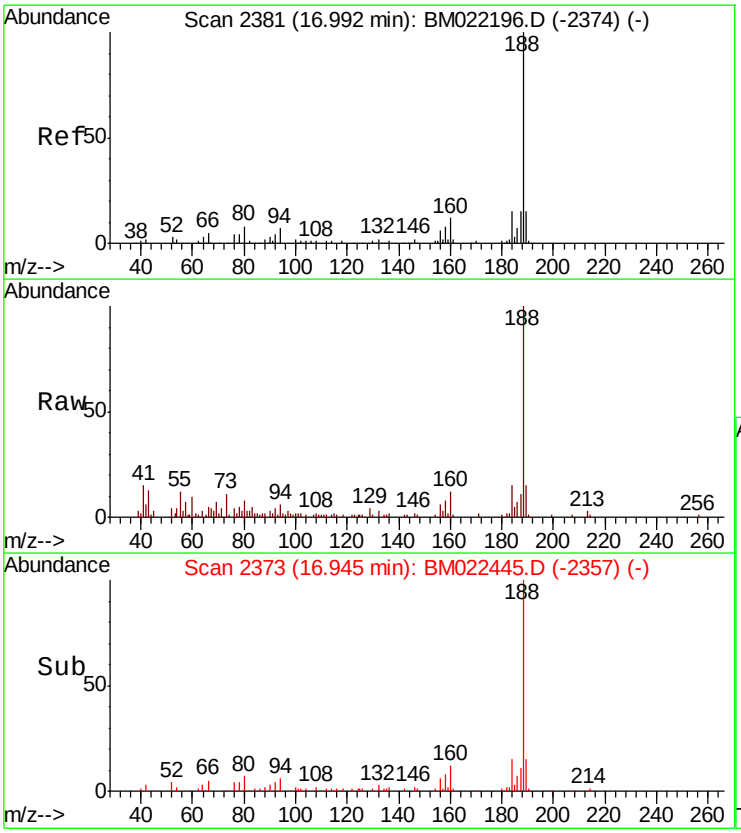
#60
Diethylphthalate
Concen: 2.534 ng
RT: 15.03 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 6415

Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.6	25.0
150	14.5	9.8	14.8

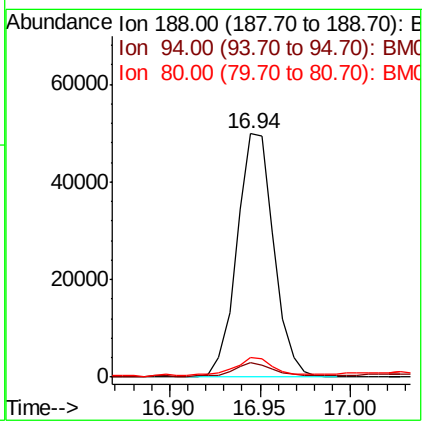


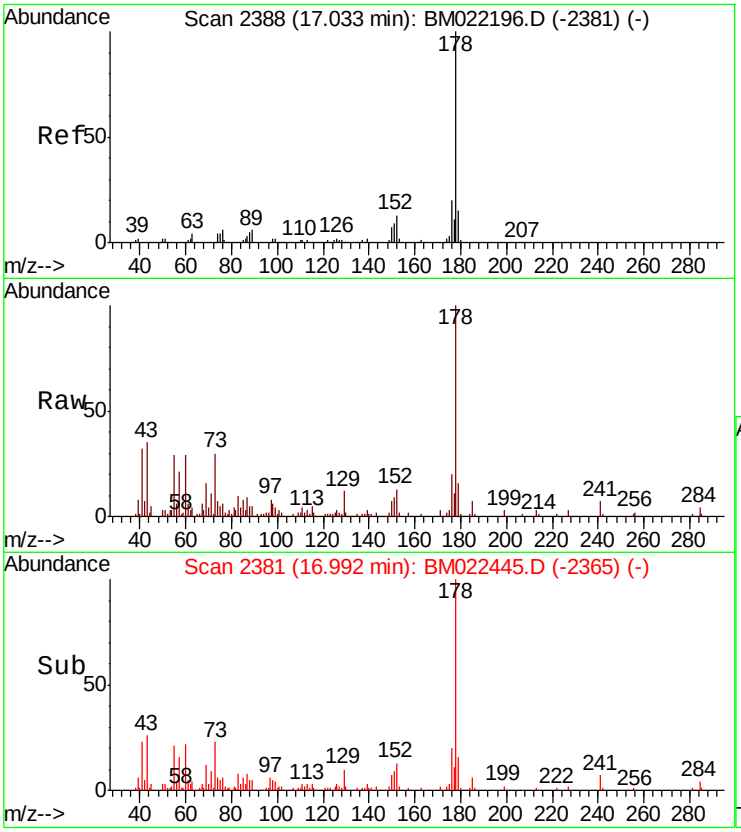


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:188 Resp: 69987

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.4	6.6
80	8.2	5.0	7.6#



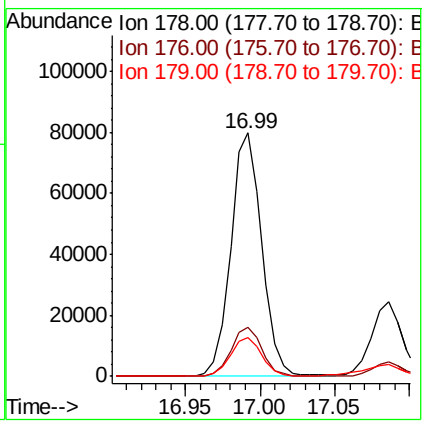


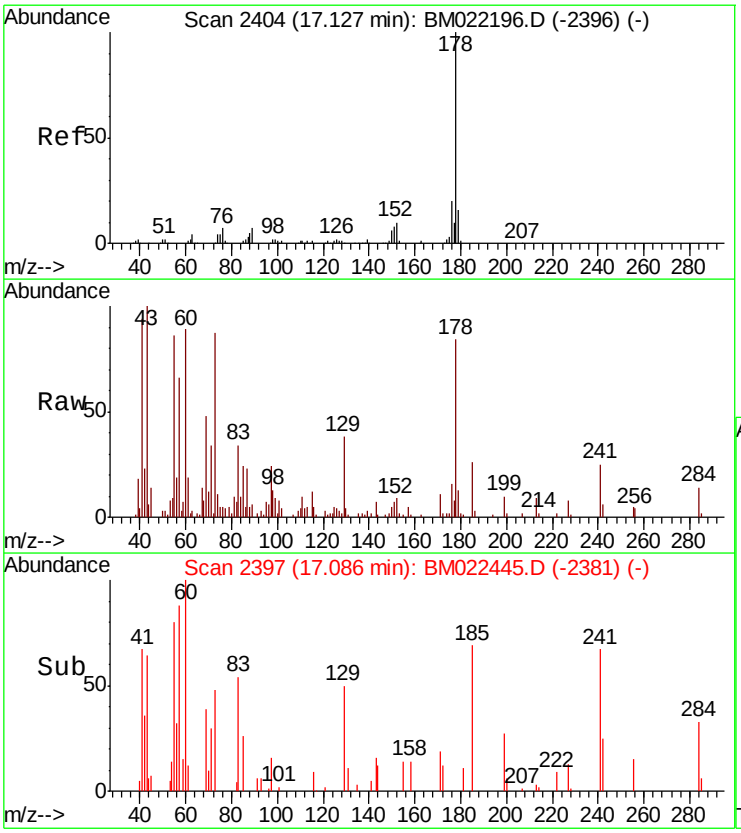
#71
Phenanthrene
Concen: 28.292 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 115419

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.0	12.3	18.5

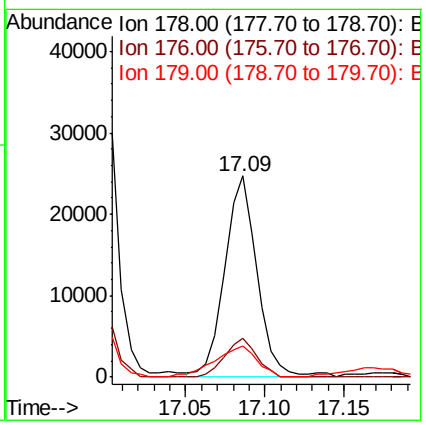


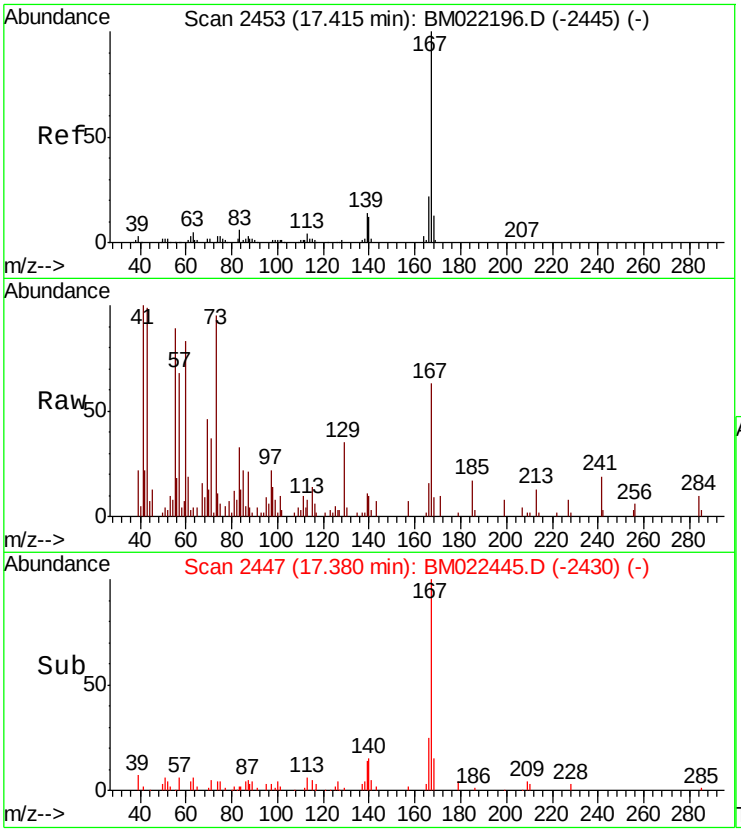


#72
Anthracene
Concen: 8.740 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:178 Resp: 35079

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.8	11.8	17.6



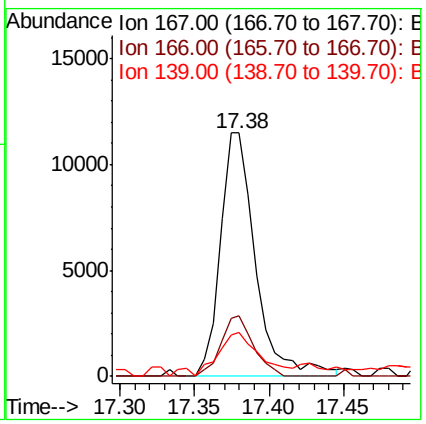


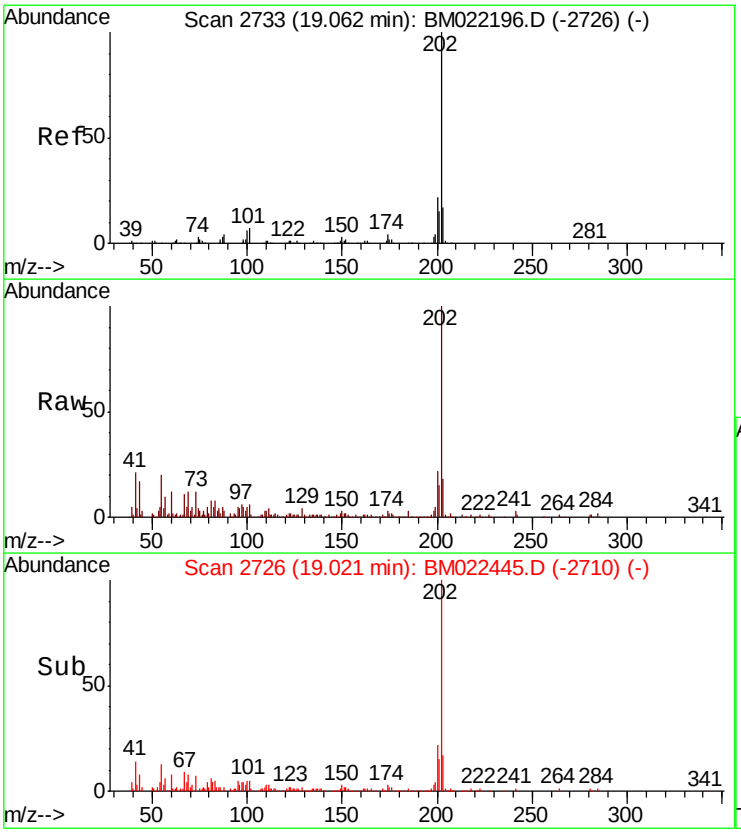
#73
Carbazole
Concen: 5.751 ng
RT: 17.38 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 19081

Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.8	26.6
139	17.9	11.6	17.4#

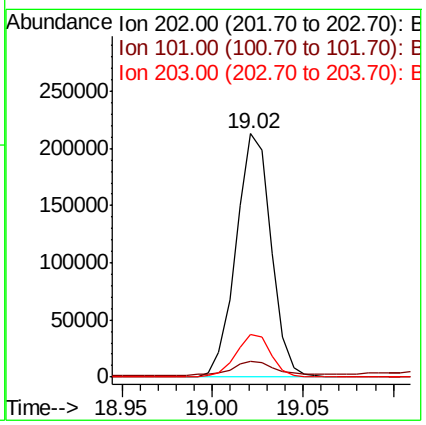


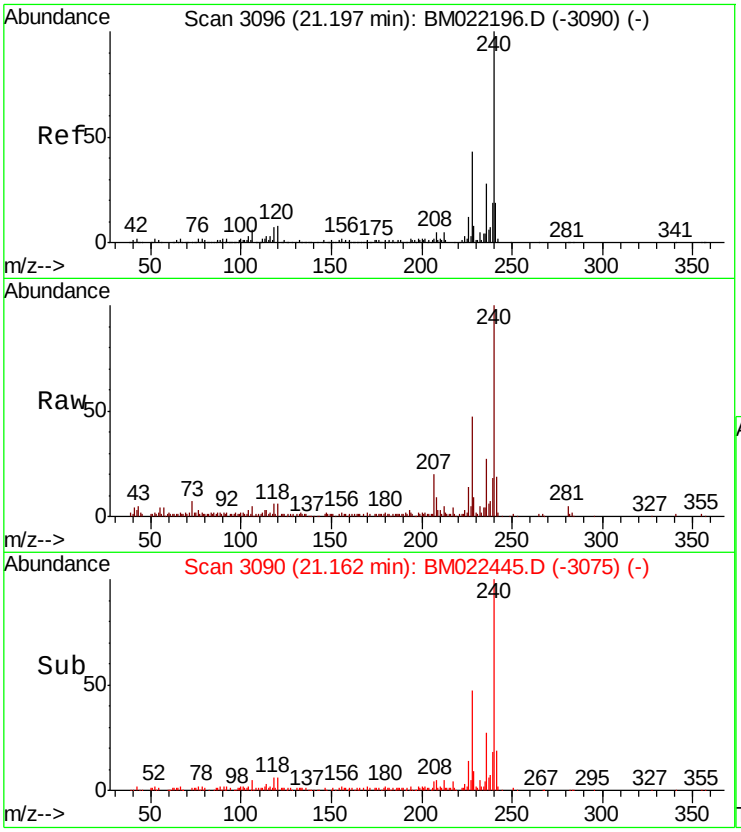


#75
Fluoranthene
Concen: 52.744 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:202 Resp: 286544

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	25.1
203	17.6	0.0	37.1



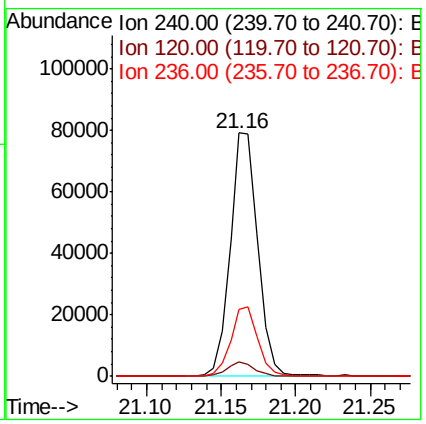


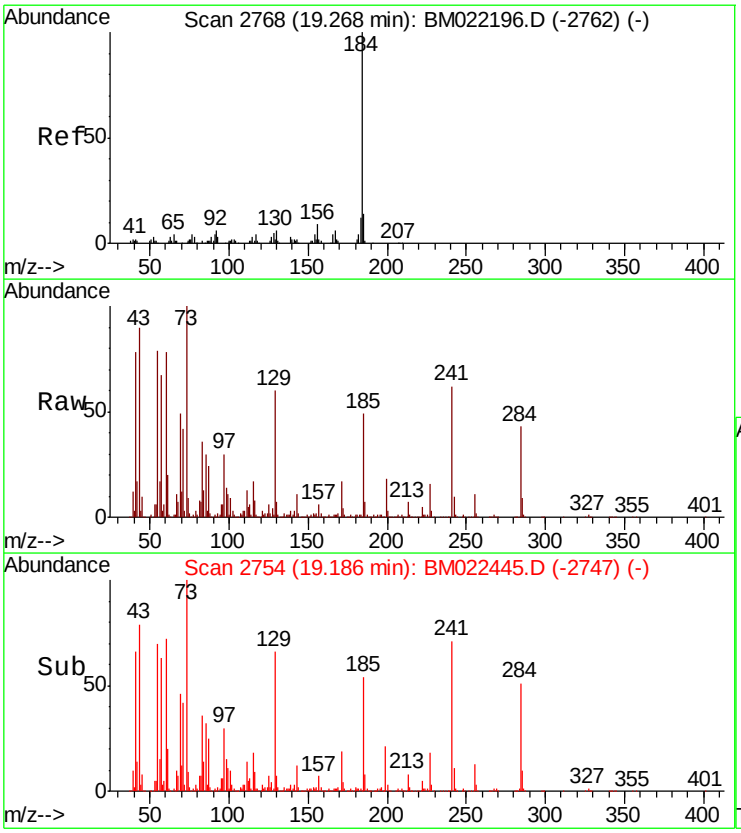
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 102409

Ion	Ratio	Lower	Upper
240	100		
120	5.8	3.9	5.9
236	27.4	21.4	32.2

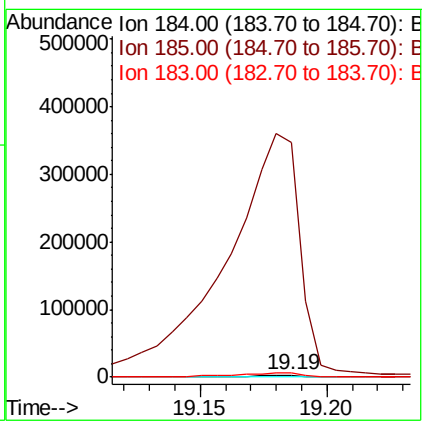


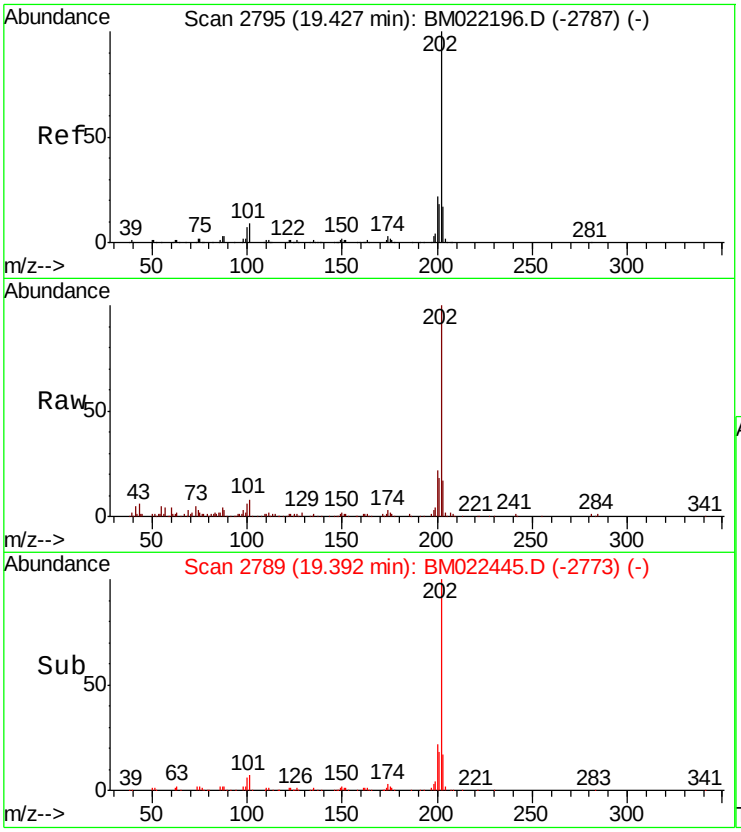


#77
Benzidine
Concen: 2.271 ng
RT: 19.19 min Scan# 2754
Delta R.T. -0.06 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:184 Resp: 3917

Ion	Ratio	Lower	Upper
184	100		
185	13932.6	11.8	17.6#
183	235.4	9.4	14.2#



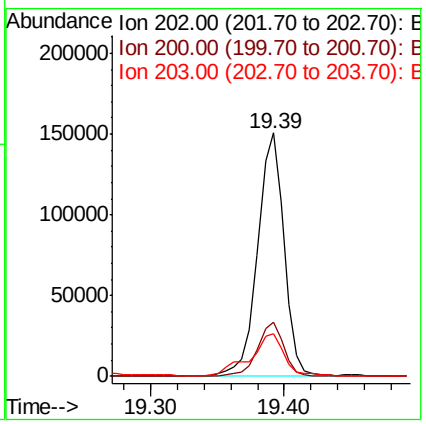


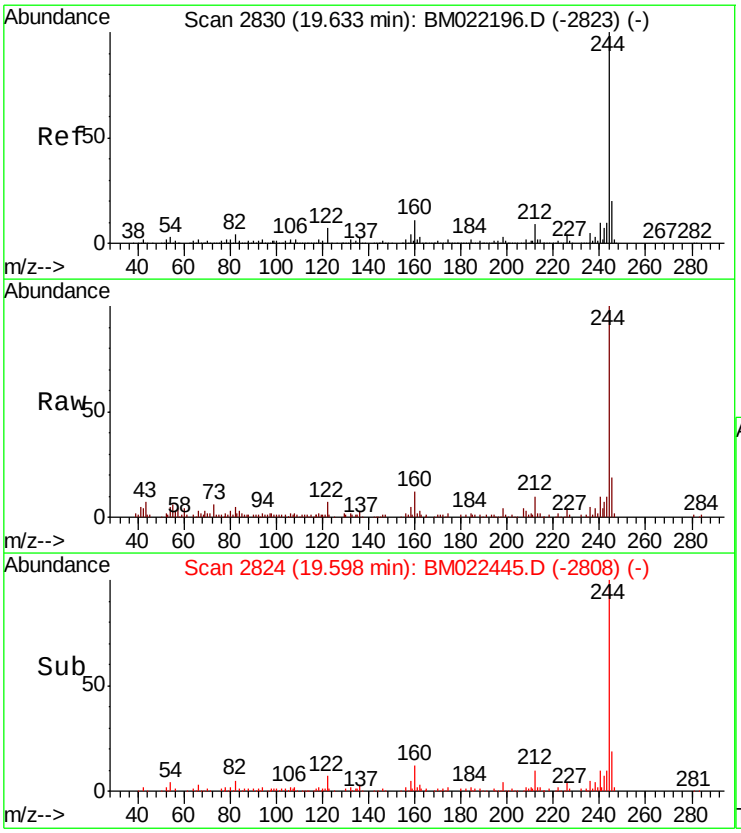
#78
Pyrene
Concen: 29.564 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 206333

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.4	13.8	20.8

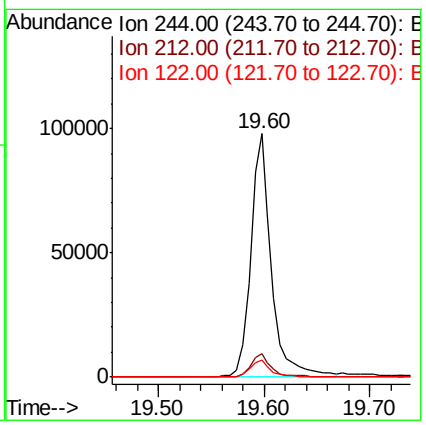


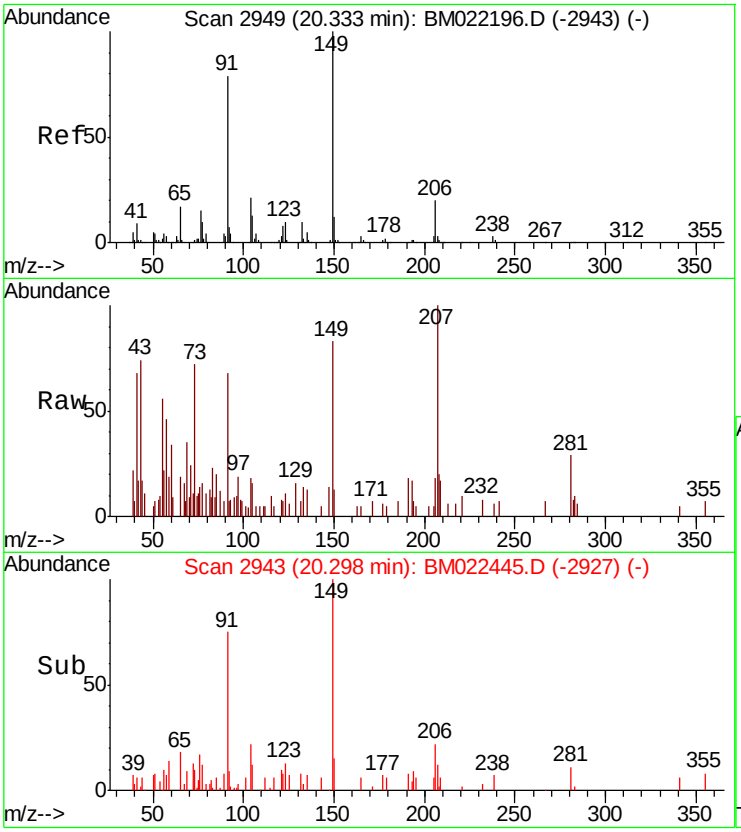


#79
Terphenyl-d14
Concen: 17.149 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:244 Resp: 133075

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.4
122	7.1	3.9	5.9#



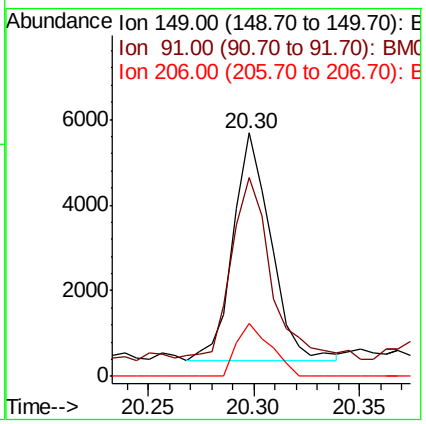


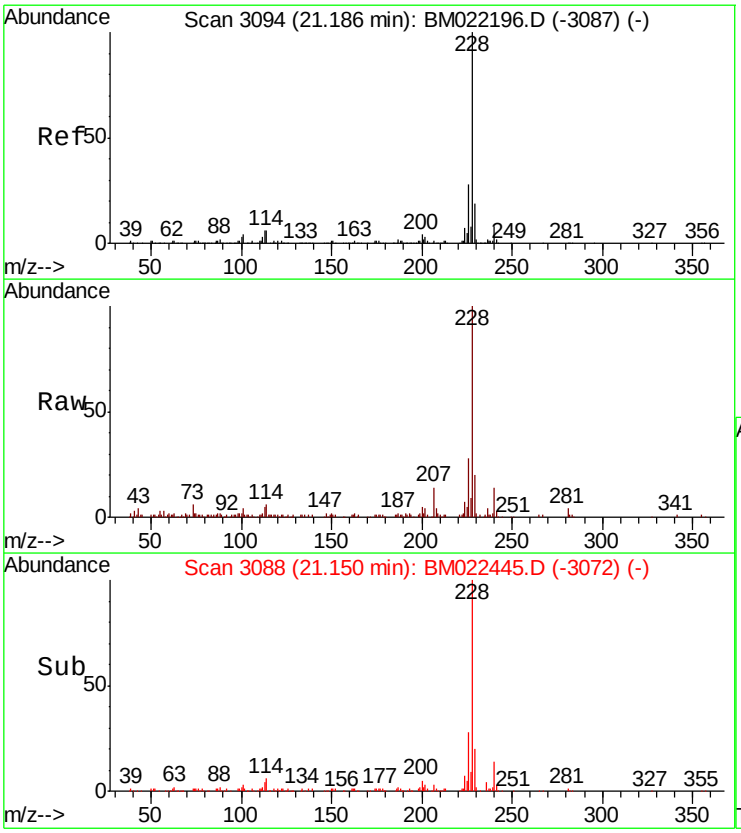
#80
Butylbenzylphthalate
Concen: 2.683 ng
RT: 20.30 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 6534

Ion	Ratio	Lower	Upper
149	100		
91	81.9	64.0	96.0
206	21.6	17.6	26.4

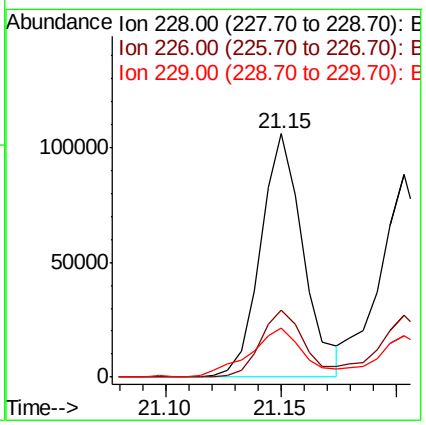


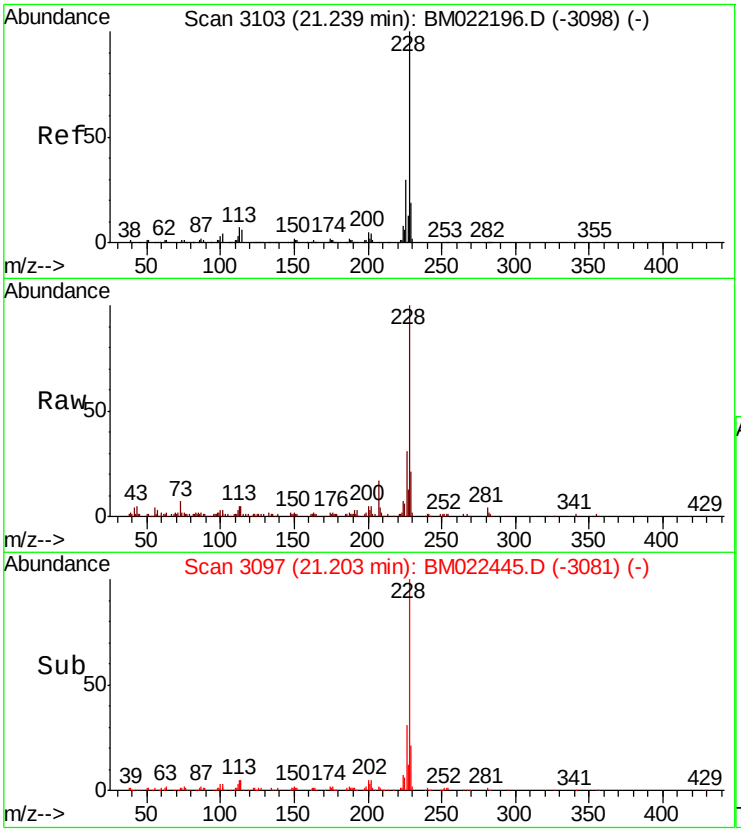


#81
Benzo(a)anthracene
Concen: 18.598 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:228 Resp: 136704

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.0	15.9	23.9



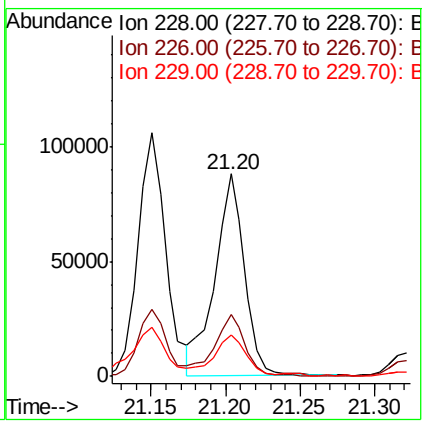


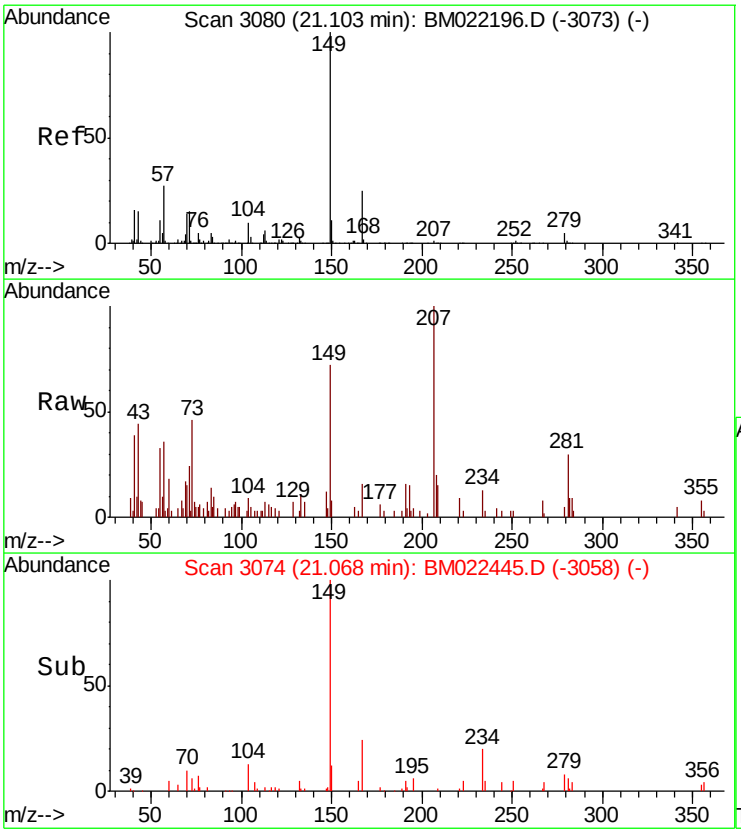
#83
Chrysene
Concen: 17.449 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 122080

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	20.6	15.7	23.5

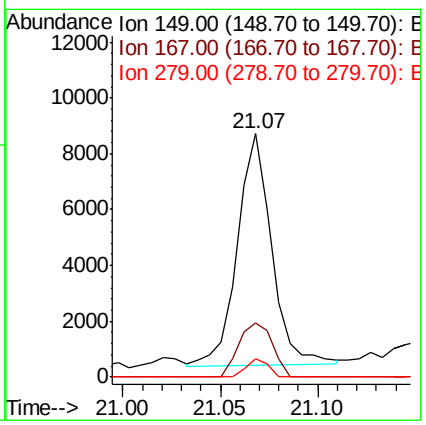


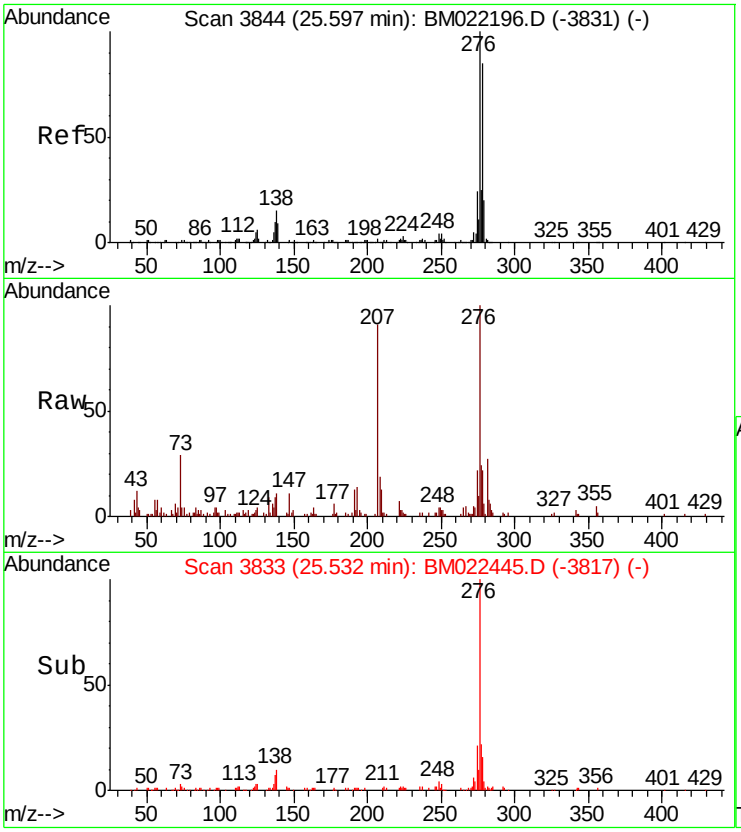


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.044 ng
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:149 Resp: 10068

Ion	Ratio	Lower	Upper
149	100		
167	22.5	19.6	29.4
279	7.3	4.4	6.6#



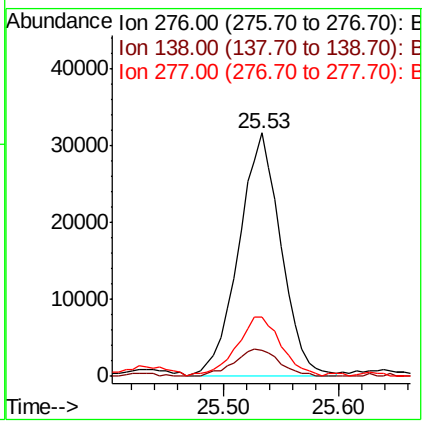


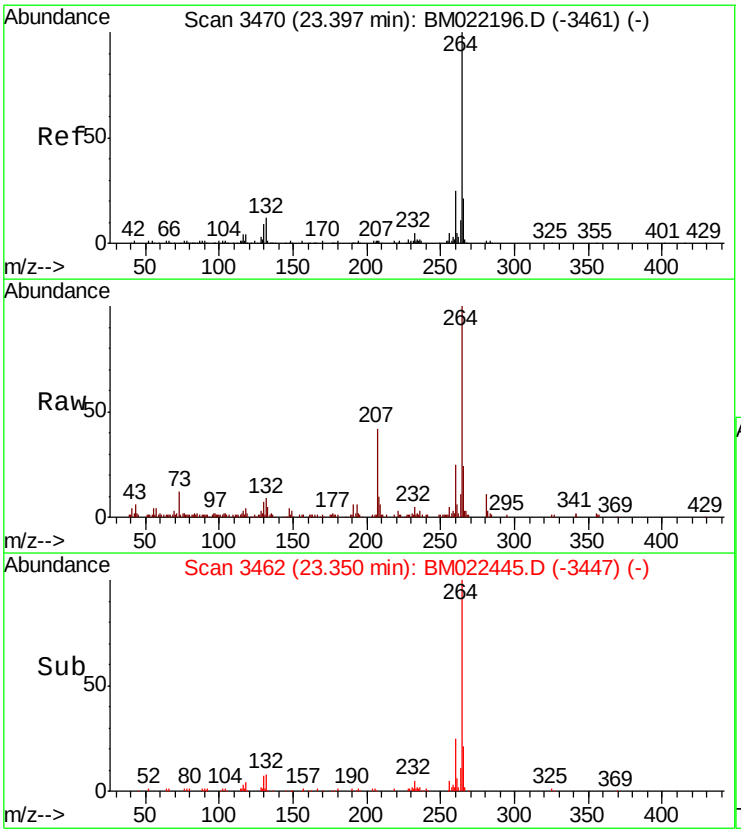
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.486 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 80831

Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.1	13.7
277	25.5	20.0	30.0

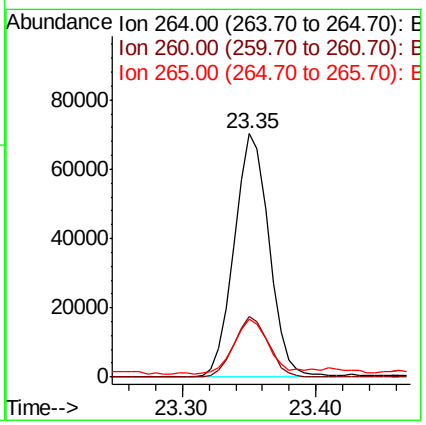


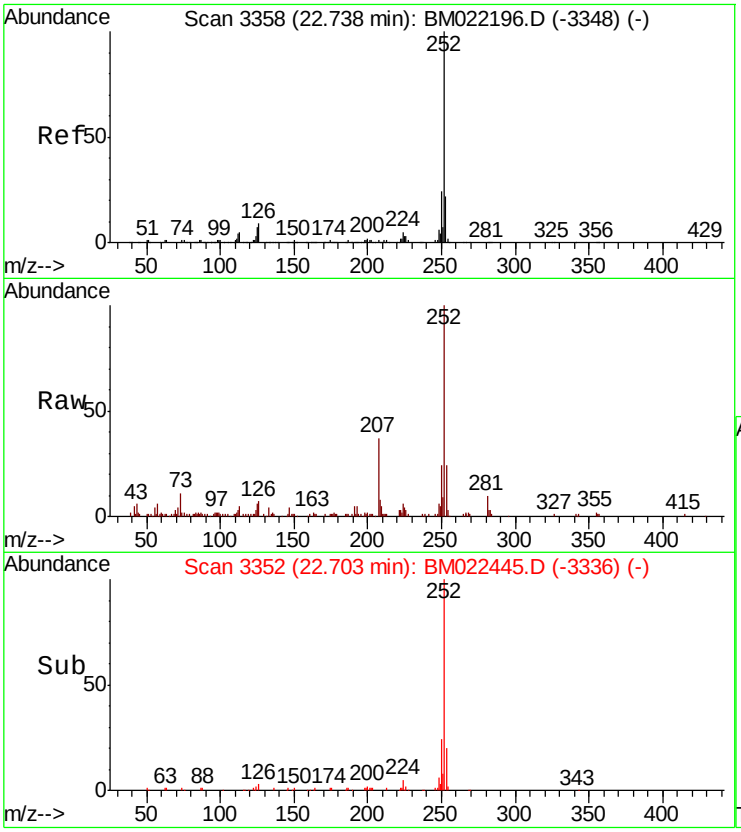


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:264 Resp: 127463

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	23.7	18.2	27.2



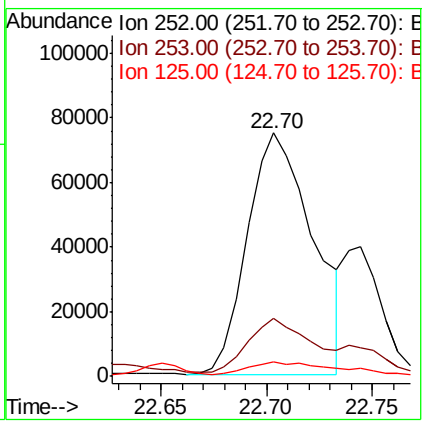


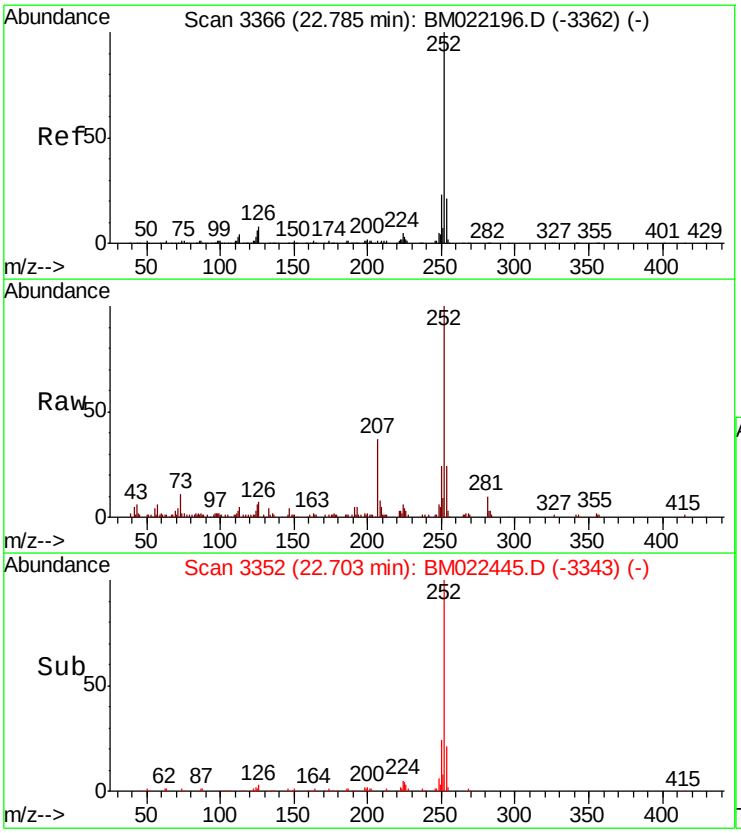
#88
Benzo(b)fluoranthene
Concen: 18.268 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 161760

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	5.9	3.5	5.3#

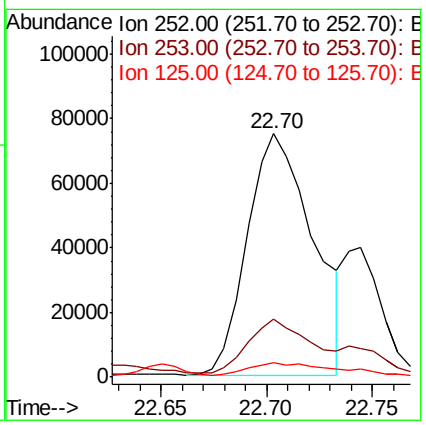


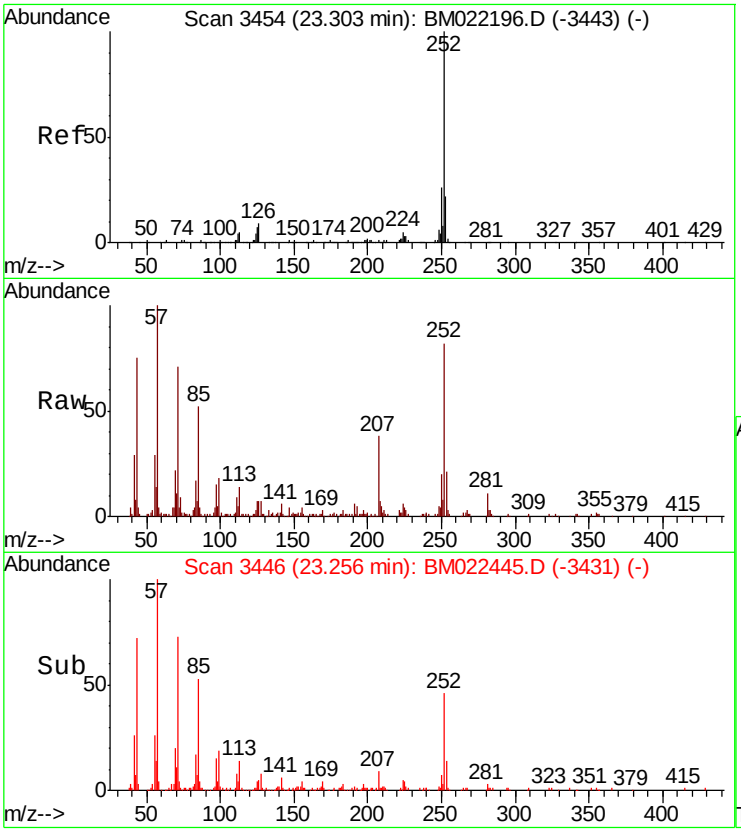


#89
Benzo(k)fluoranthene
Concen: 18.415 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.05 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:252 Resp: 161760

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	5.9	3.7	5.5#



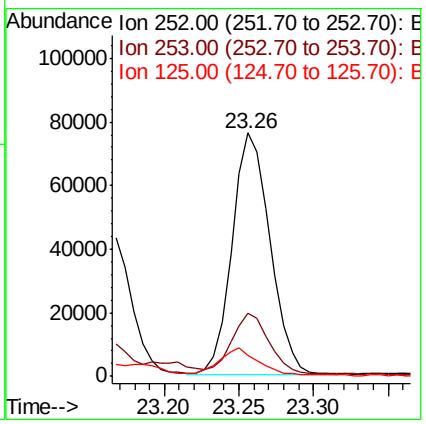


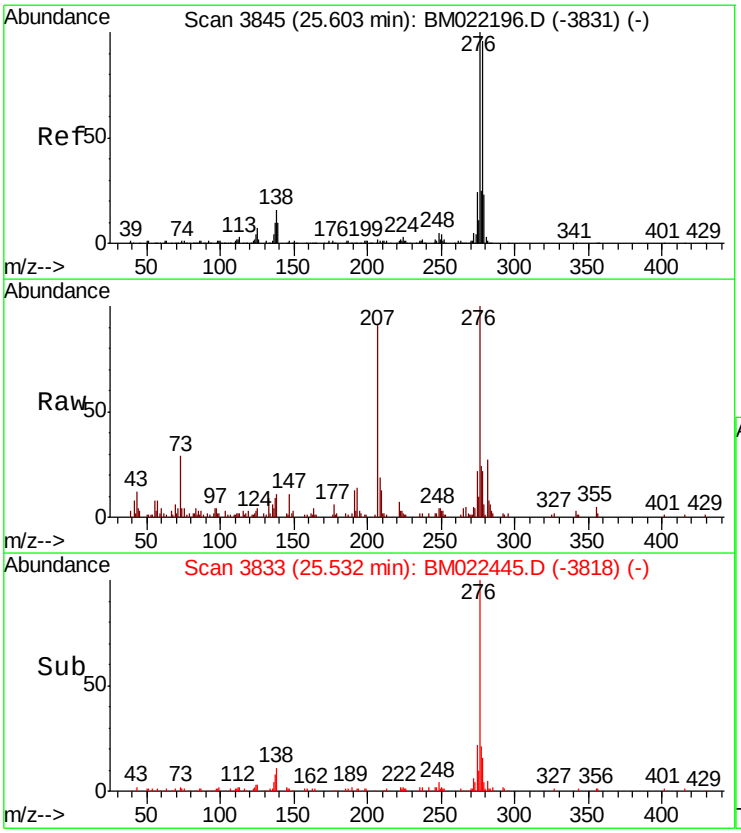
#90
Benzo(a)pyrene
Concen: 17.000 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 133612

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.2	27.2
125	8.7	3.8	5.8#

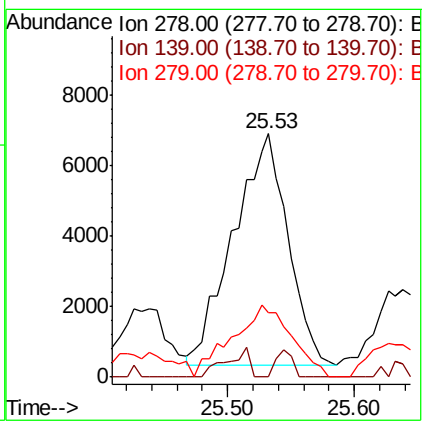


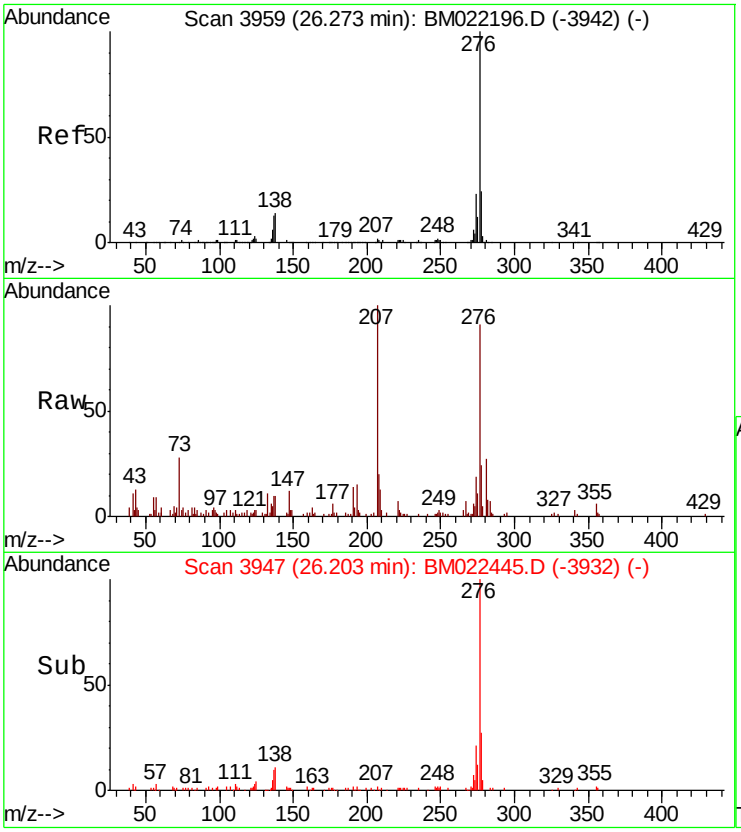


#91
Dibenzo(a,h)anthracene
Concen: 2.487 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Tgt Ion:278 Resp: 19489

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.6	9.8#
279	26.7	19.3	28.9





#92
Benzo(g,h,i)perylene
Concen: 11.830 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.01 min
Lab File: BM022445.D
Acq: 30 Aug 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 80808

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.4	29.0
138	11.0	8.8	13.2