Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022452.D
Acq On : 30 Aug 2019 21:57
Operator : HP/JU
Sample : K4543-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 31 00:10:09 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	16544	20.00	ng		-0.01
21) Naphthalene-d8	10.29	136	58199	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	35525	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	82624	20.00	ng		0.00
76) Chrysene-d12	21.16	240	131347	20.00	ng		-0.01
87) Perylene-d12	23.35	264	170789	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	42436	45.02	ng		0.00
7) Phenol-d6	6.72	99	52108	41.34	ng		0.00
23) Nitrobenzene-d5	8.70	82	35154	26.46	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	23100	31.78	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	64934	20.71	ng		0.00
79) Terphenyl-d14	19.59	244	141454	14.21	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.75	94	3214	2.538	ng	#	73
50) Dimethylphthalate	13.66	163	11004	3.561	ng	#	97
52) Acenaphthene	14.25	154	7424	3.559	ng		96
55) Dibenzofuran	14.60	168	7255	2.064	ng		95
58) Fluorene	15.25	166	11315	3.604	ng		96
71) Phenanthrene	16.99	178	194637	40.414	ng		98
72) Anthracene	17.09	178	42814	9.035	ng		96
75) Fluoranthene	19.02	202	341353	53.223	ng		99
78) Pyrene	19.39	202	276614	30.902	ng		100
81) Benzo(a)anthracene	21.14	228	163714	17.365	ng		100
83) Chrysene	21.20	228	139081	15.499	ng		97
86) Indeno(1,2,3-cd)pyrene	25.53	276	92491	10.247	ng		99
88) Benzo(b)fluoranthene	22.70	252	189983	16.012	ng	#	99
89) Benzo(k)fluoranthene	22.70	252	189983	16.141	ng	#	98
90) Benzo(a)pyrene	23.26	252	136443	12.956	ng	#	98
91) Dibenzo(a,h)anthracene	25.53	278	25671	2.445	ng	#	82
92) Benzo(g,h,i)perylene	26.20	276	88285	9.646	ng		100

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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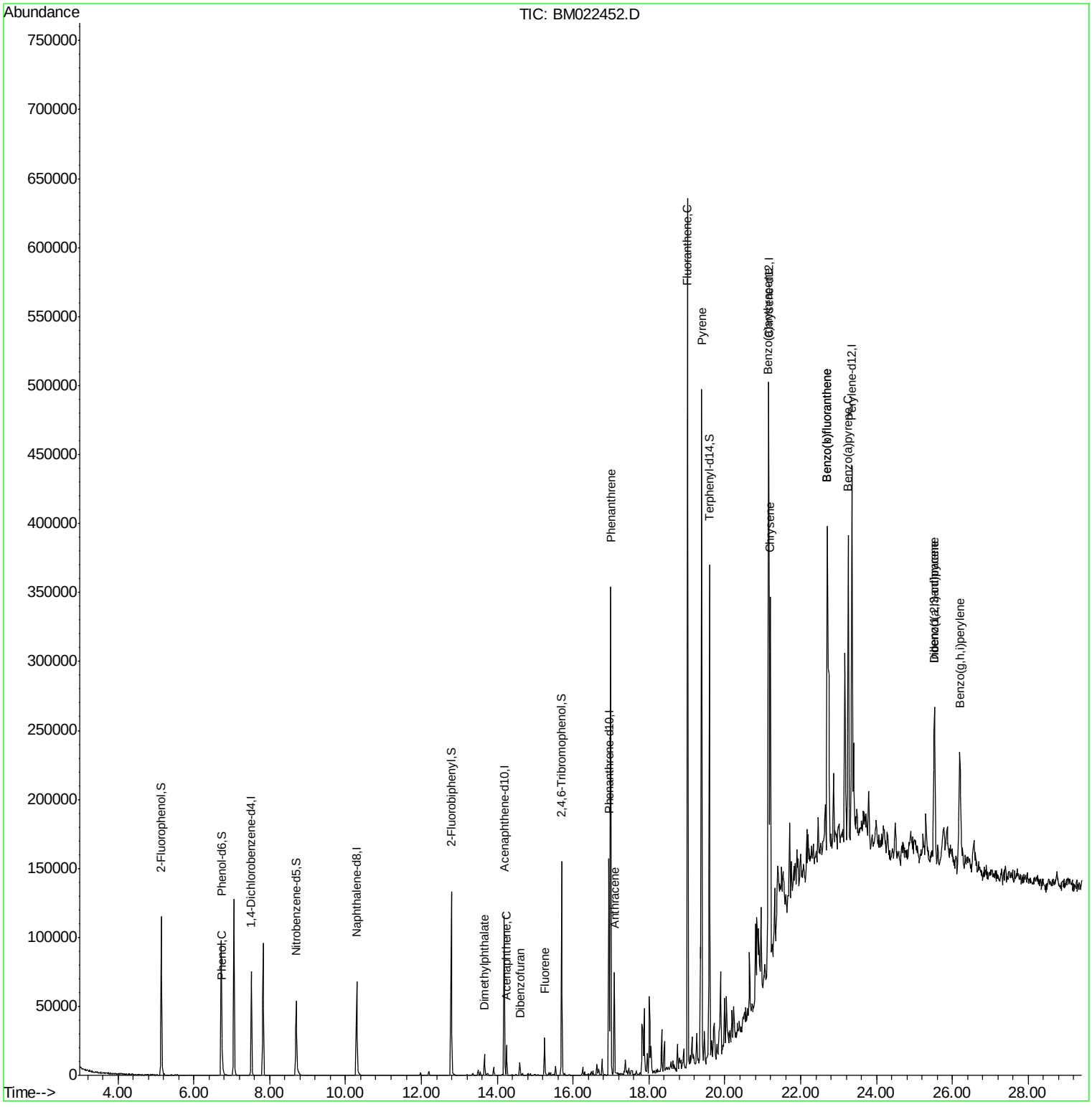
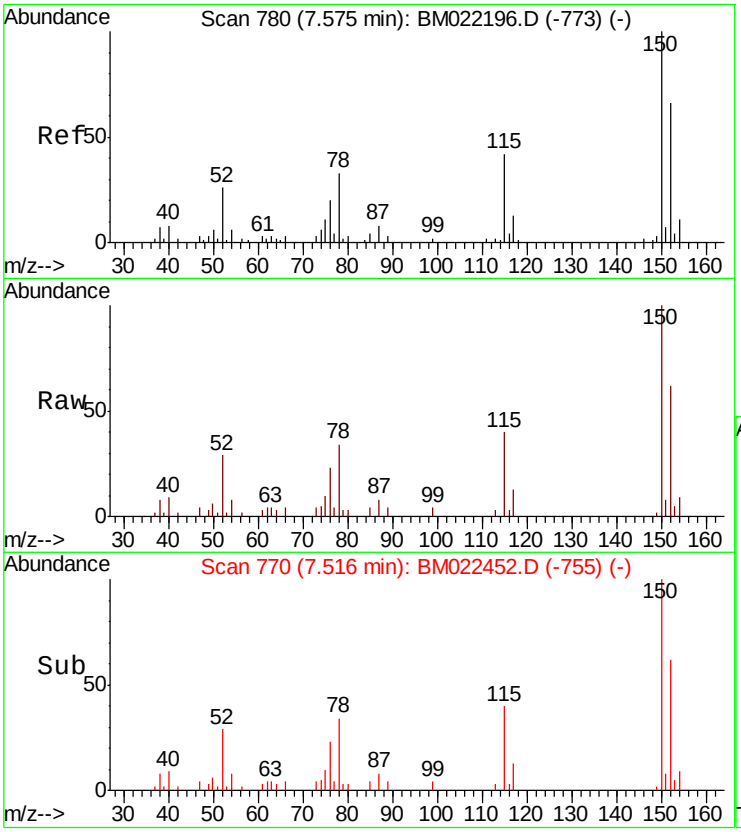
Response via : Initial Calibration



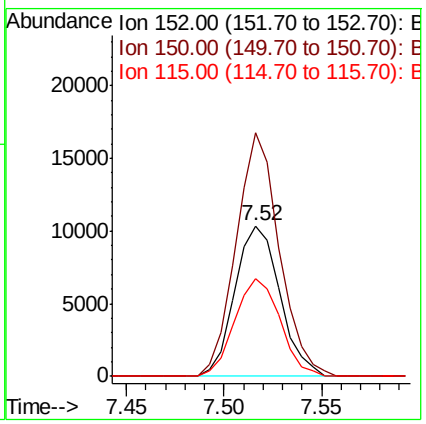


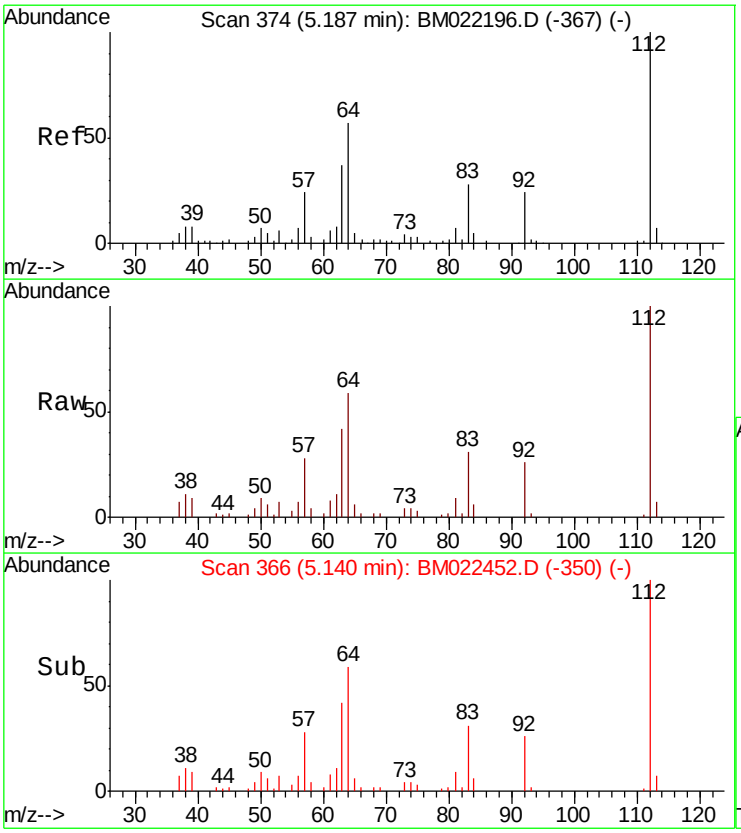
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 16544

Ion	Ratio	Lower	Upper
152	100		
150	161.7	125.4	188.0
115	65.3	50.3	75.5

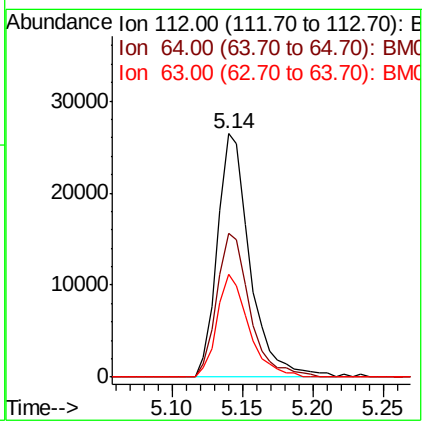


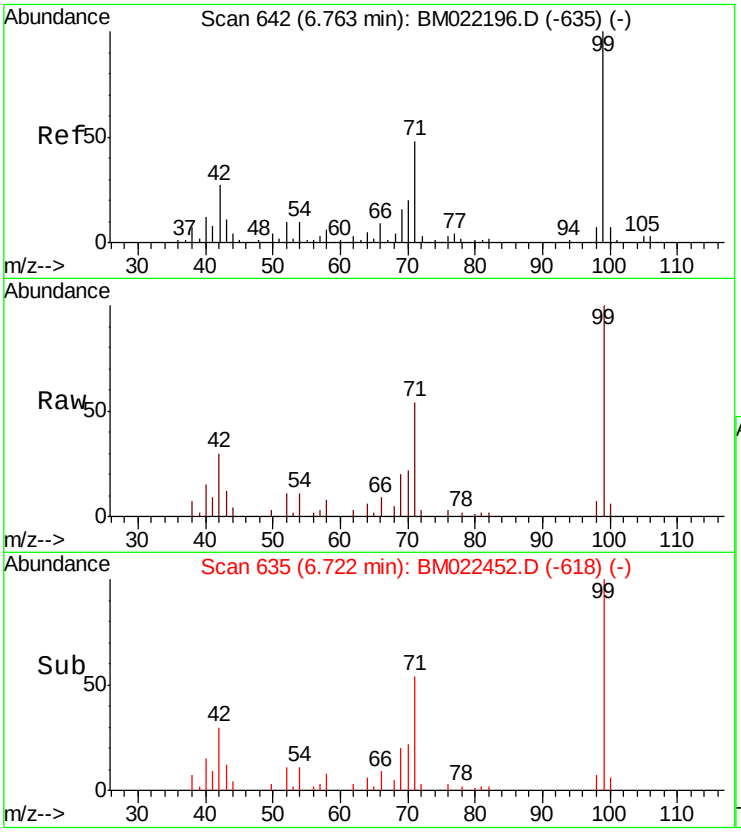


#5
2-Fluorophenol
Concen: 45.025 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:112 Resp: 42436

Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.4	68.2
63	42.4	34.5	51.7



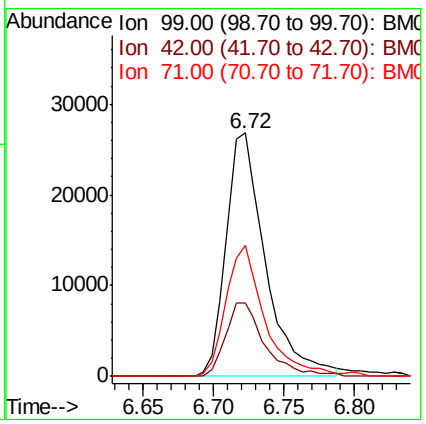


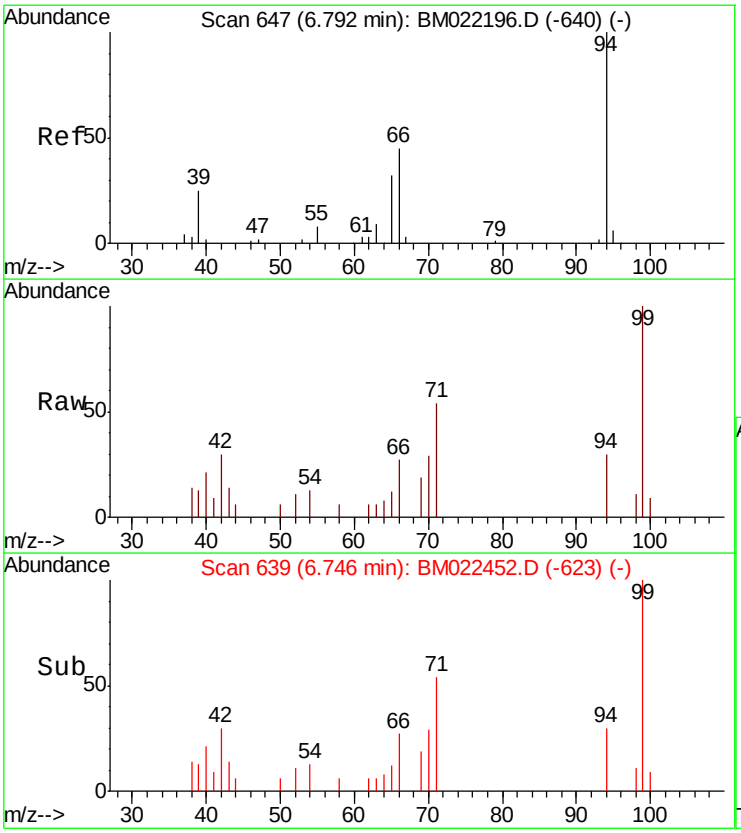
#7
Phenol-d6
Concen: 41.343 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 52108

Ion	Ratio	Lower	Upper
99	100		
42	29.9	26.3	39.5
71	53.7	46.6	69.8

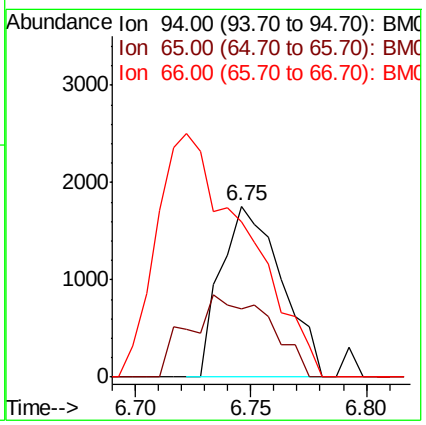


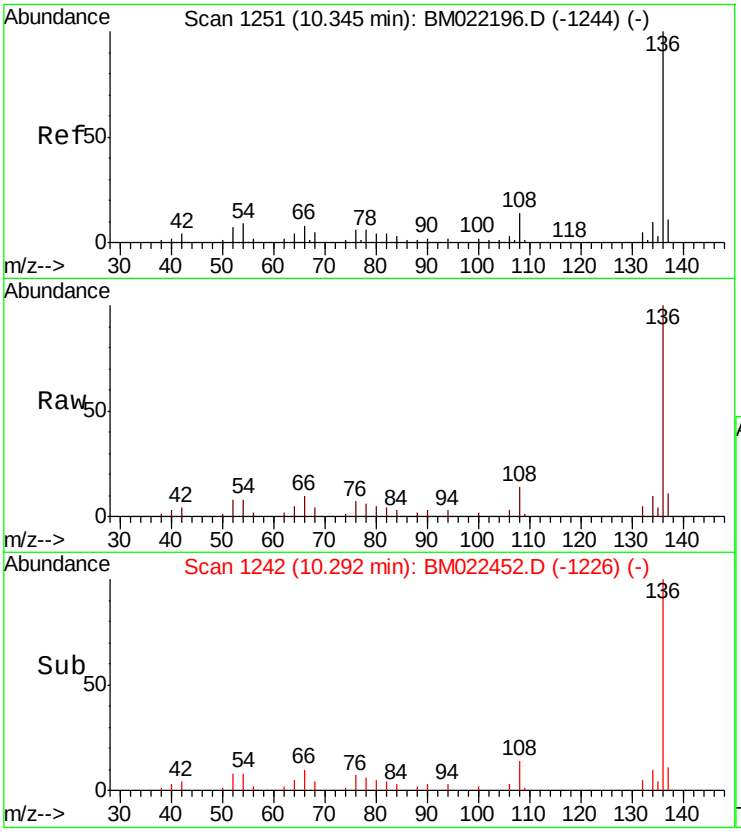


#10
Phenol
Concen: 2.538 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion: 94 Resp: 3214

Ion	Ratio	Lower	Upper
94	100		
65	39.8	17.7	57.7
66	90.9	39.6	79.6#



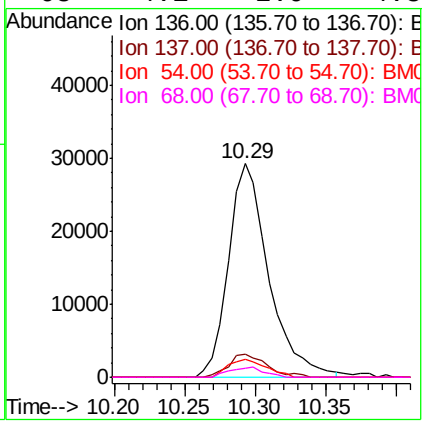


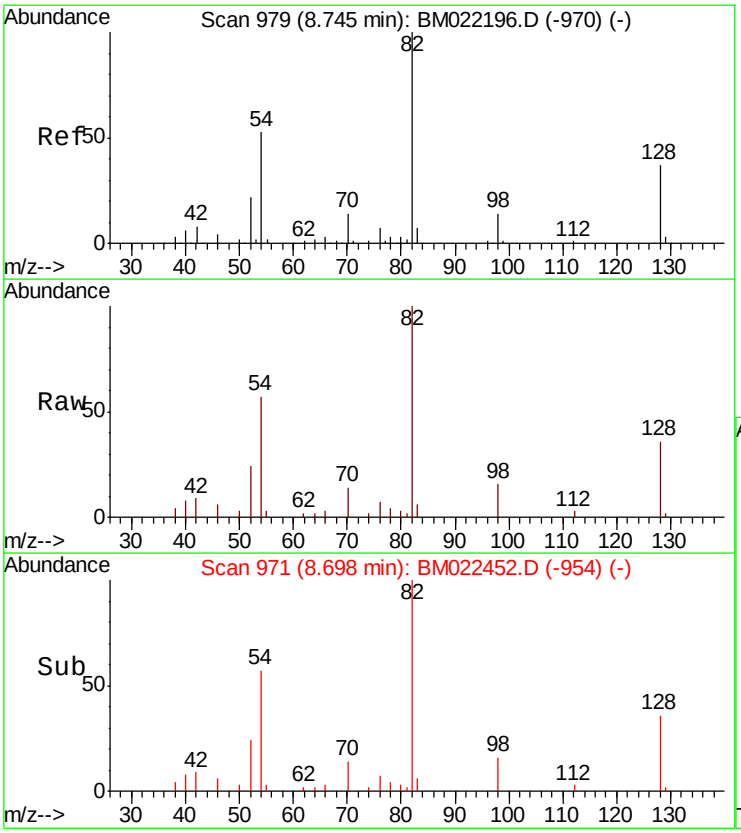
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 58199

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.4	7.0	10.6
68	4.1	2.9	4.3

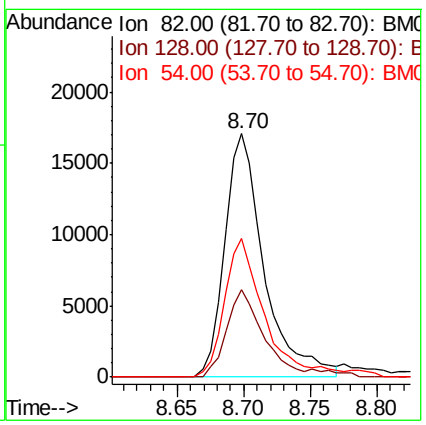


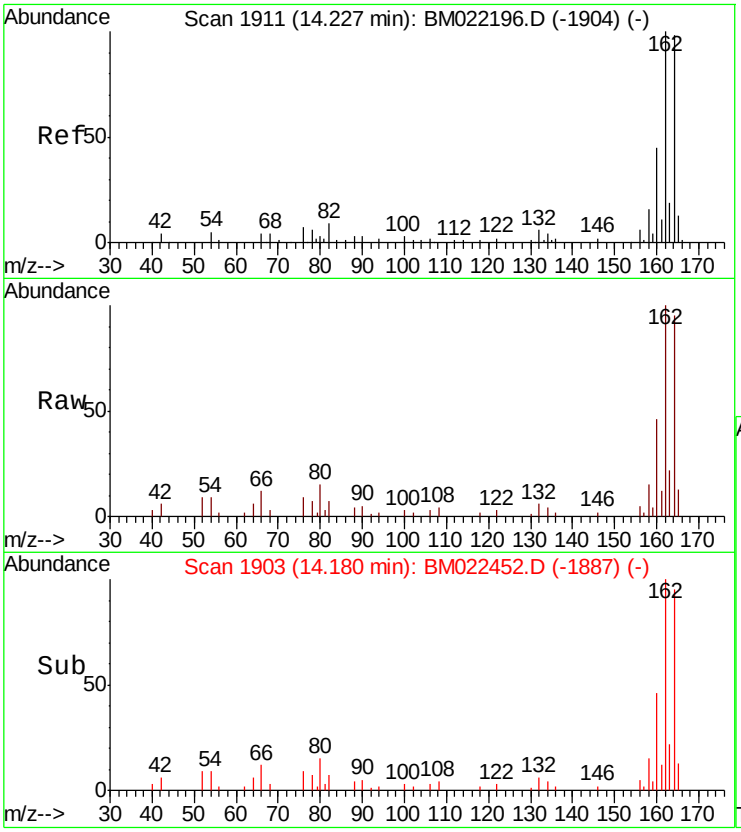


#23
Nitrobenzene-d5
Concen: 26.457 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion: 82 Resp: 35154

Ion	Ratio	Lower	Upper
82	100		
128	35.8	27.9	41.9
54	57.2	45.2	67.8



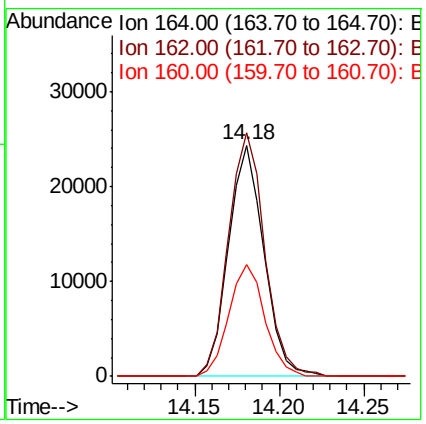


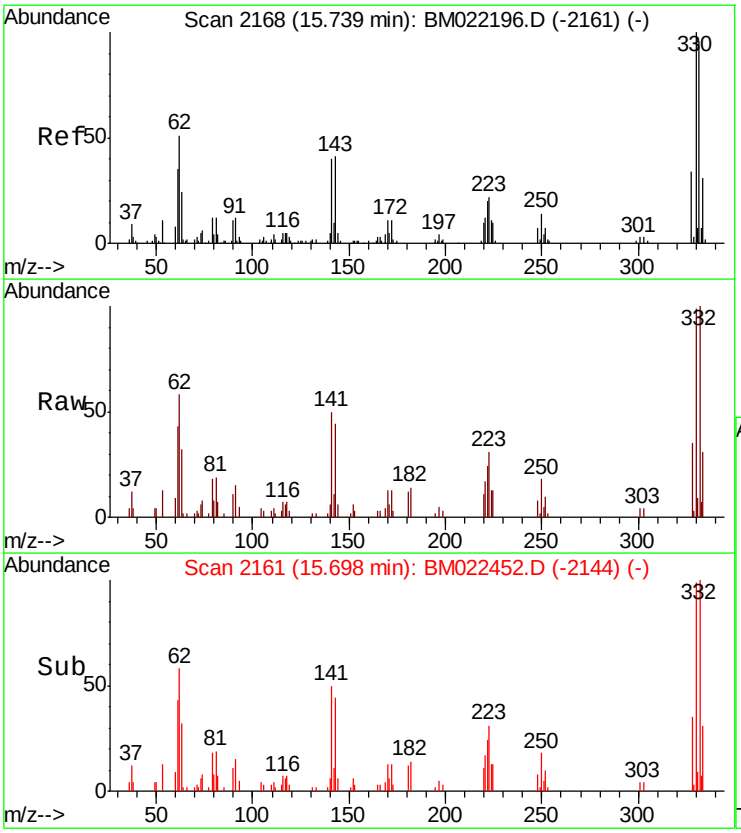
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 35525

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.6	121.0
160	48.6	37.3	55.9

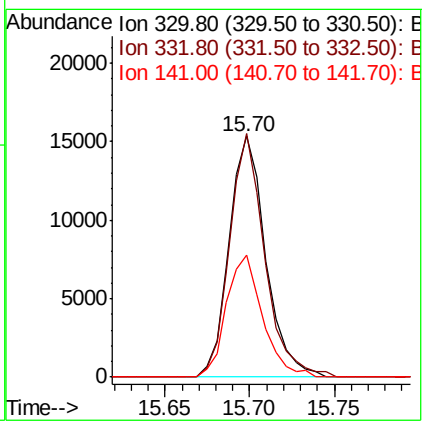


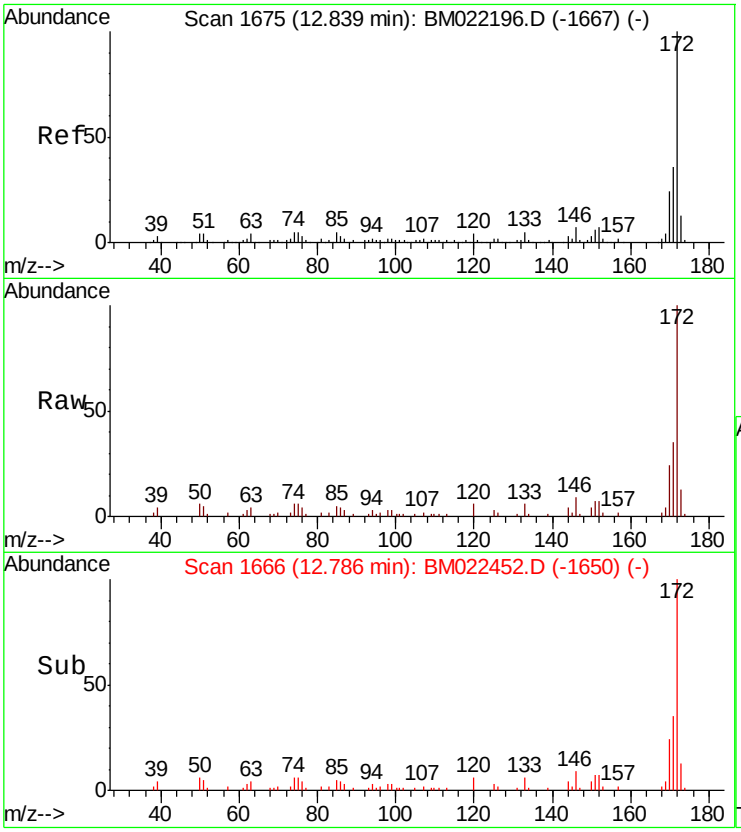


#42
2,4,6-Tribromophenol
Concen: 31.777 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:330 Resp: 23100

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	50.1	35.6	53.4



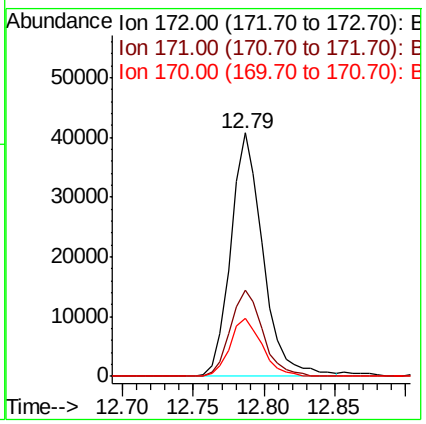


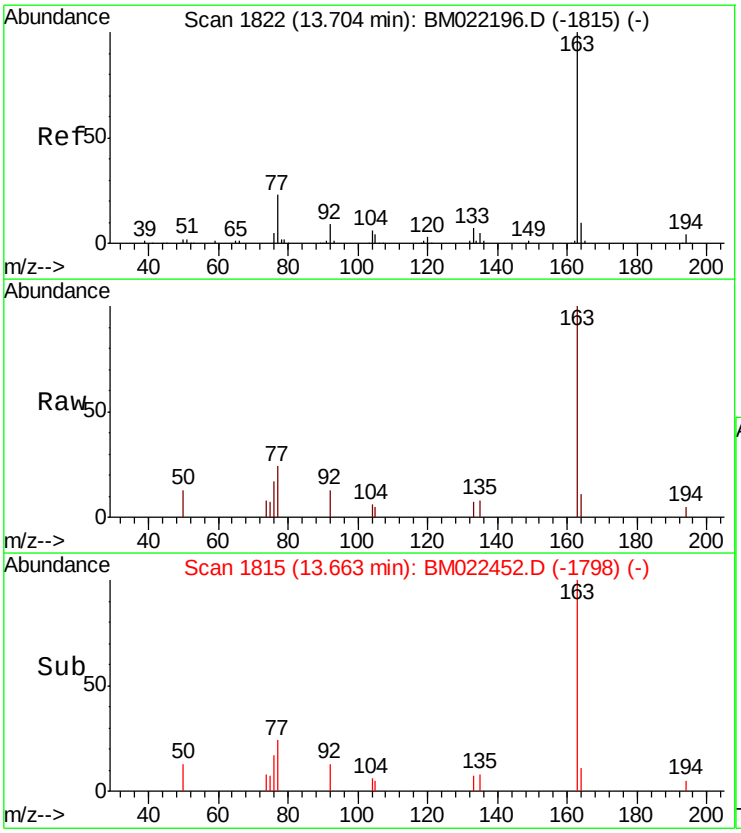
#45
2-Fluorobiphenyl
Concen: 20.707 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 64934

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.9	18.9	28.3

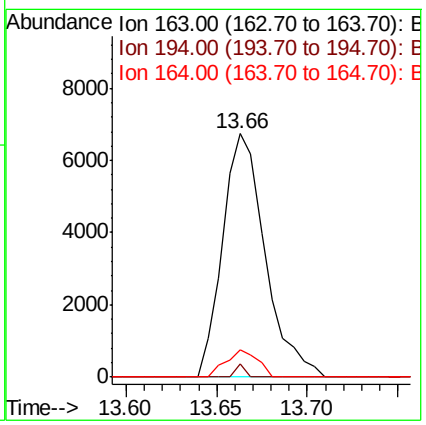


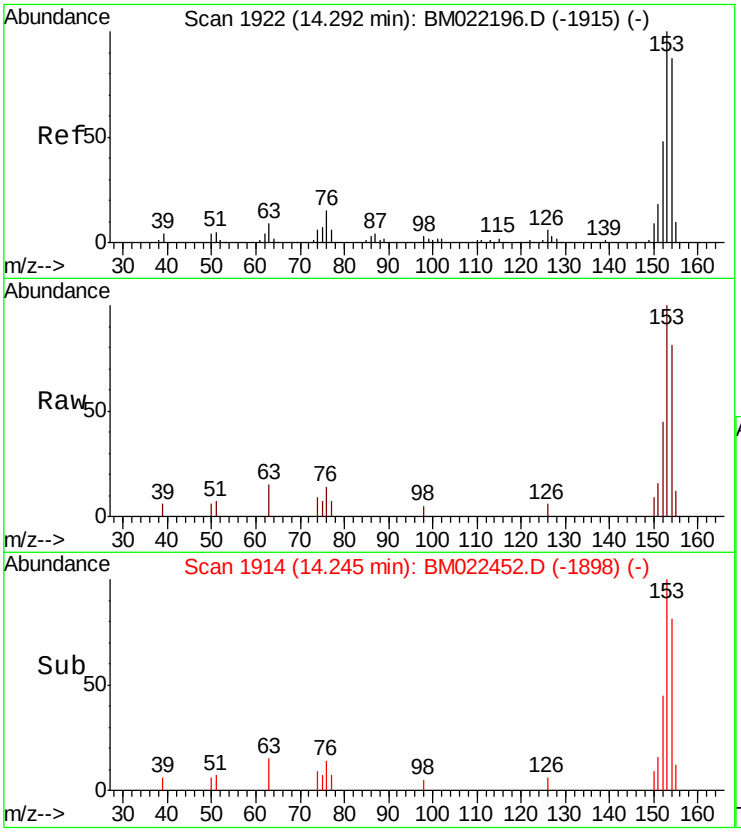


#50
Dimethylphthalate
Concen: 3.561 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:163 Resp: 11004

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	11.5	8.2	12.2



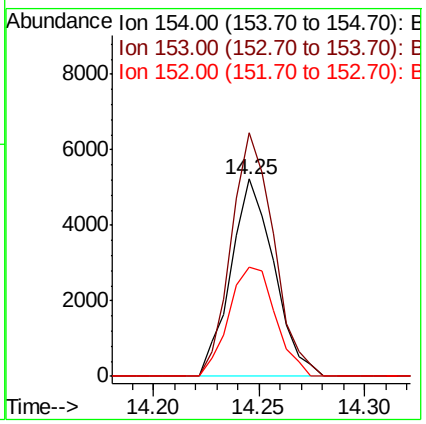


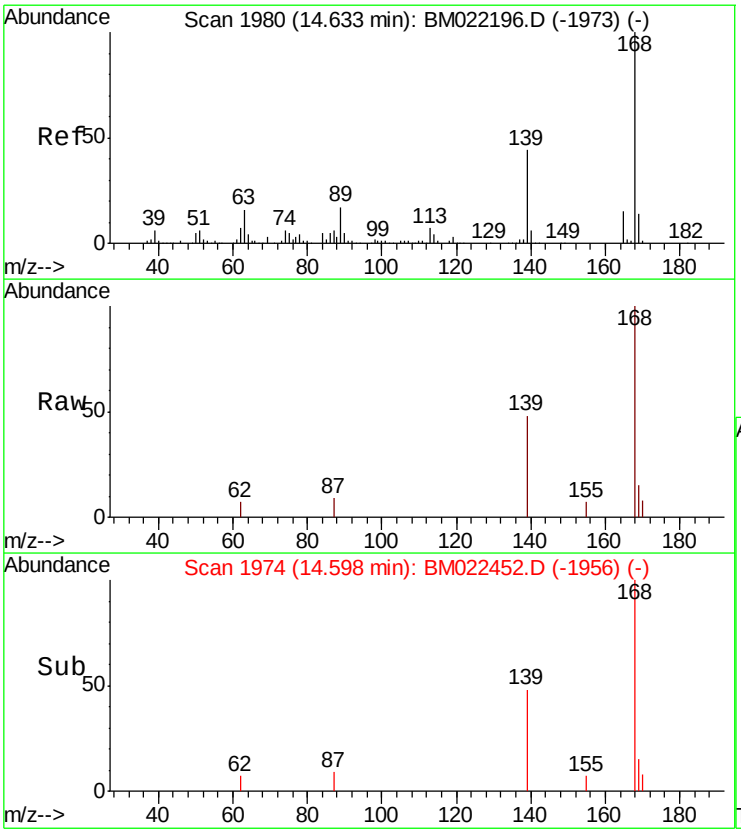
#52
Acenaphthene
Concen: 3.559 ng
RT: 14.25 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 7424

Ion	Ratio	Lower	Upper
154	100		
153	123.5	94.3	141.5
152	55.5	45.4	68.2

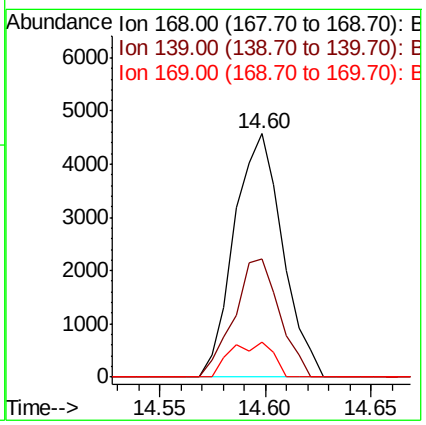


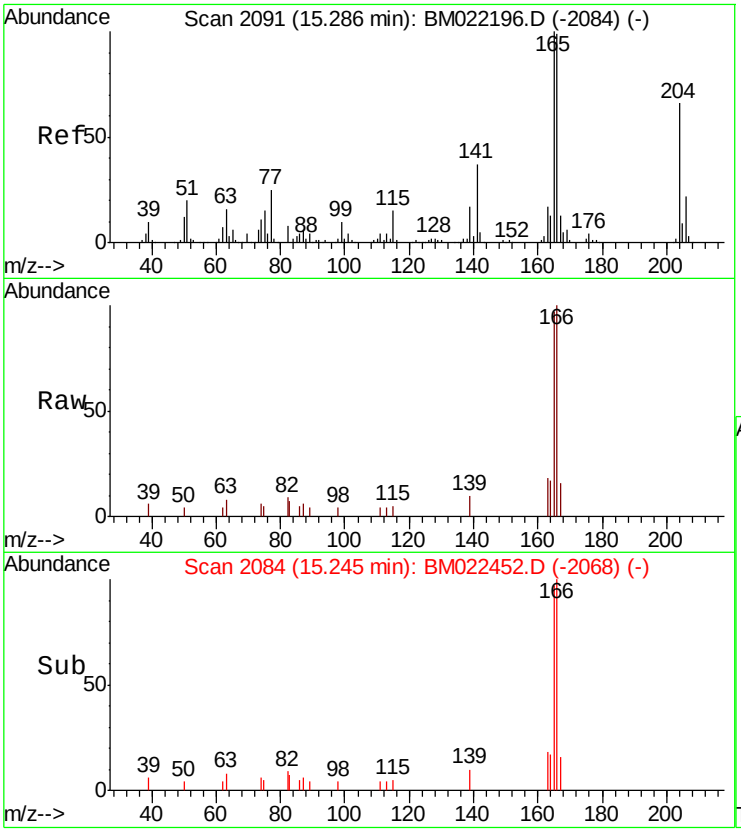


#55
Dibenzofuran
Concen: 2.064 ng
RT: 14.60 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:168 Resp: 7255

Ion	Ratio	Lower	Upper
168	100		
139	48.3	36.1	54.1
169	14.5	10.4	15.6



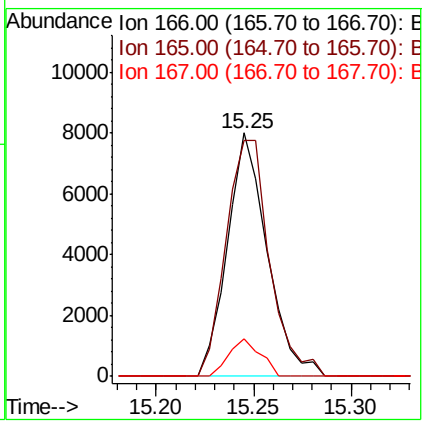


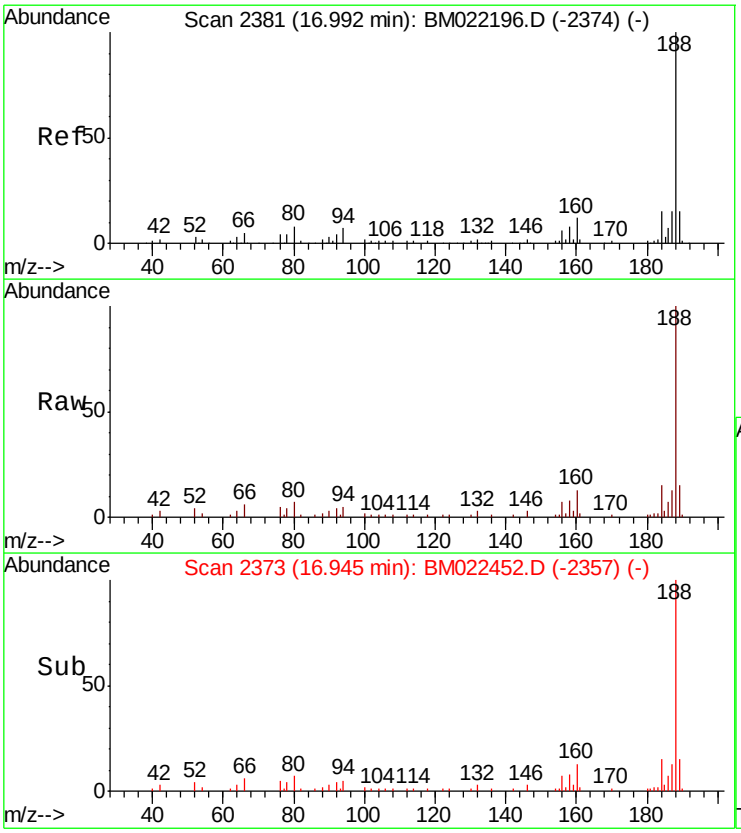
#58
Fluorene
Concen: 3.604 ng
RT: 15.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 11315

Ion	Ratio	Lower	Upper
166	100		
165	97.0	81.1	121.7
167	15.5	11.1	16.7

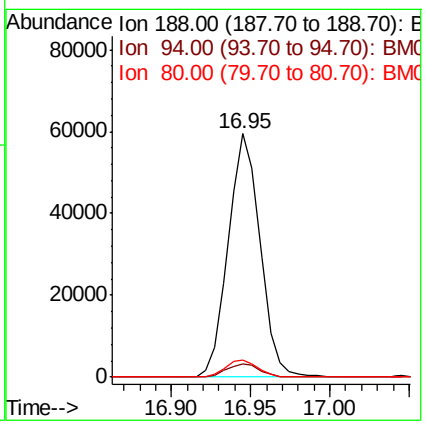


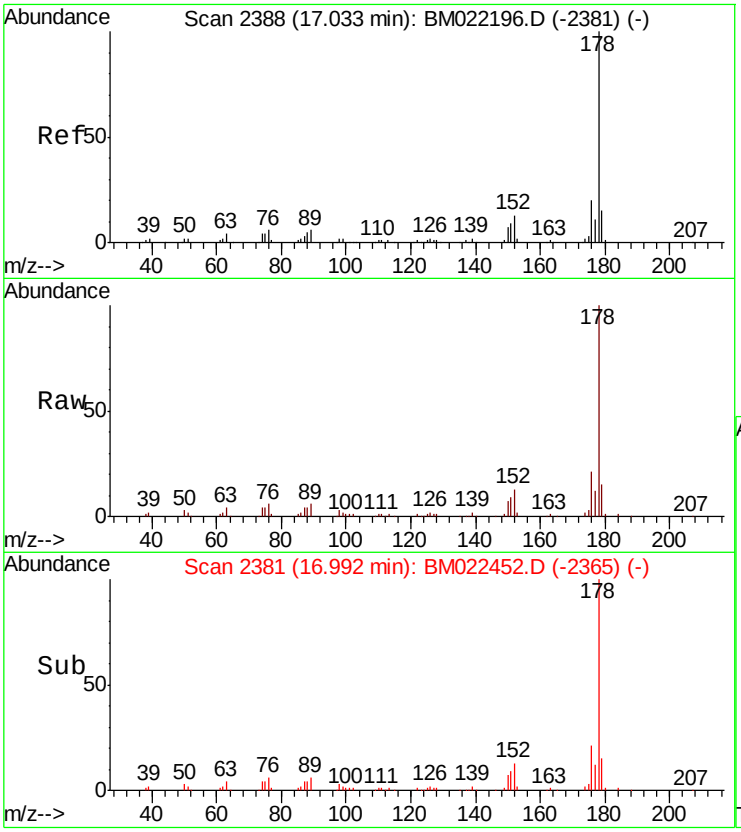


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:188 Resp: 82624

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.4	6.6
80	6.9	5.0	7.6



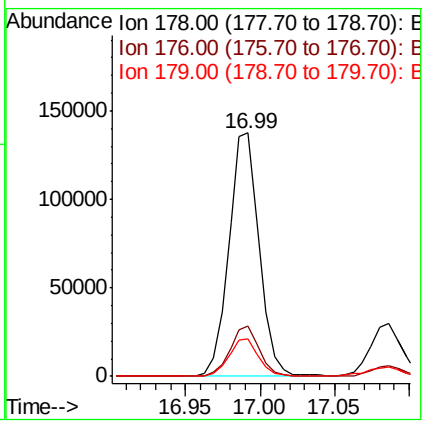


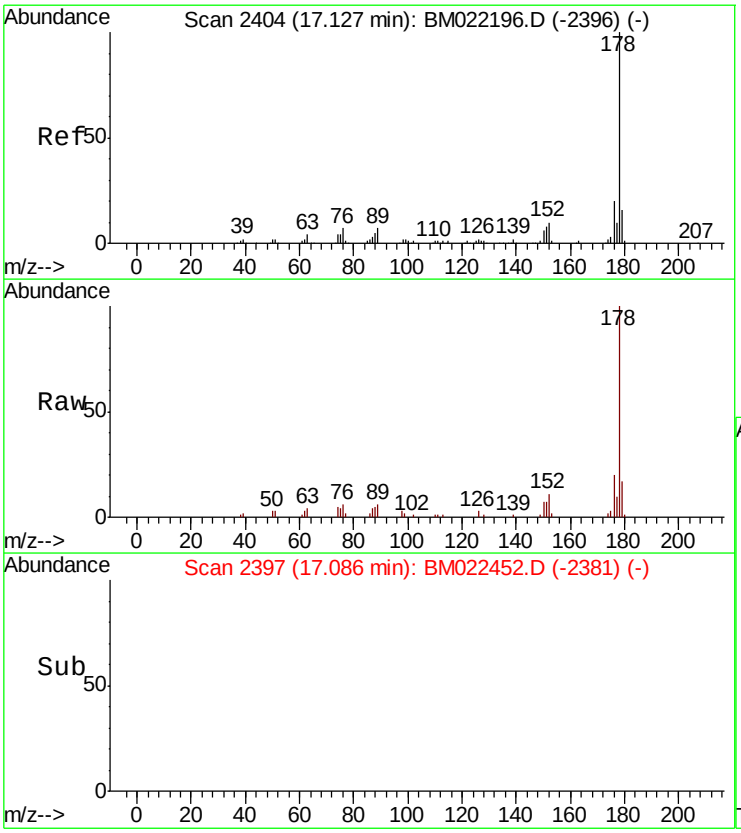
#71
Phenanthrene
Concen: 40.414 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 194637

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	15.2	12.3	18.5

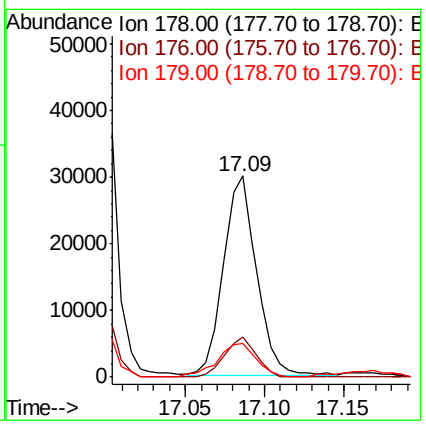


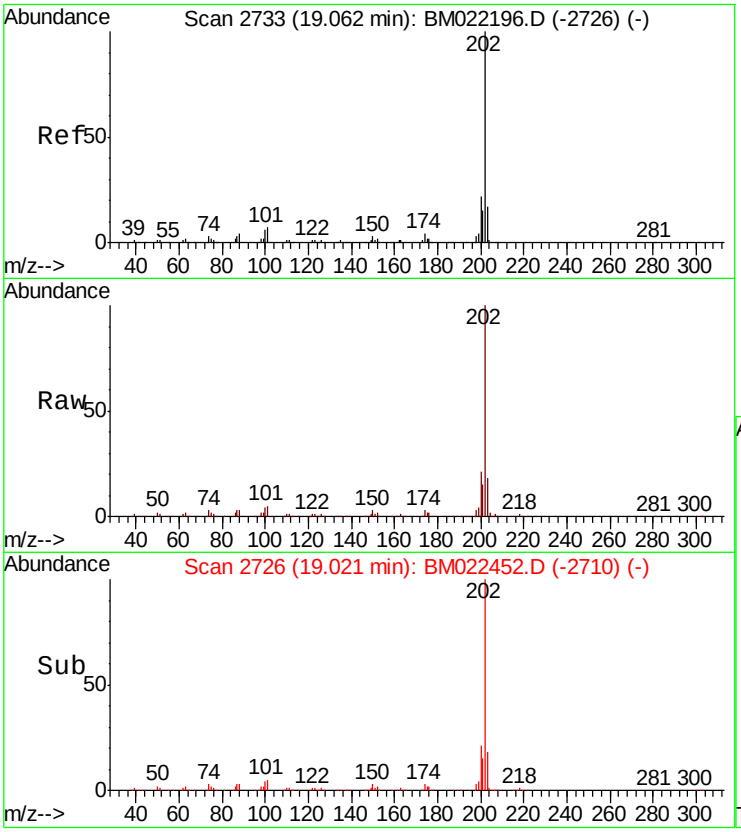


#72
Anthracene
Concen: 9.035 ng
RT: 17.09 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:178 Resp: 42814

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.4
179	17.1	11.8	17.6



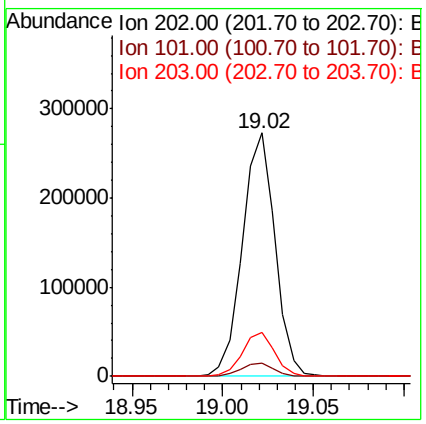


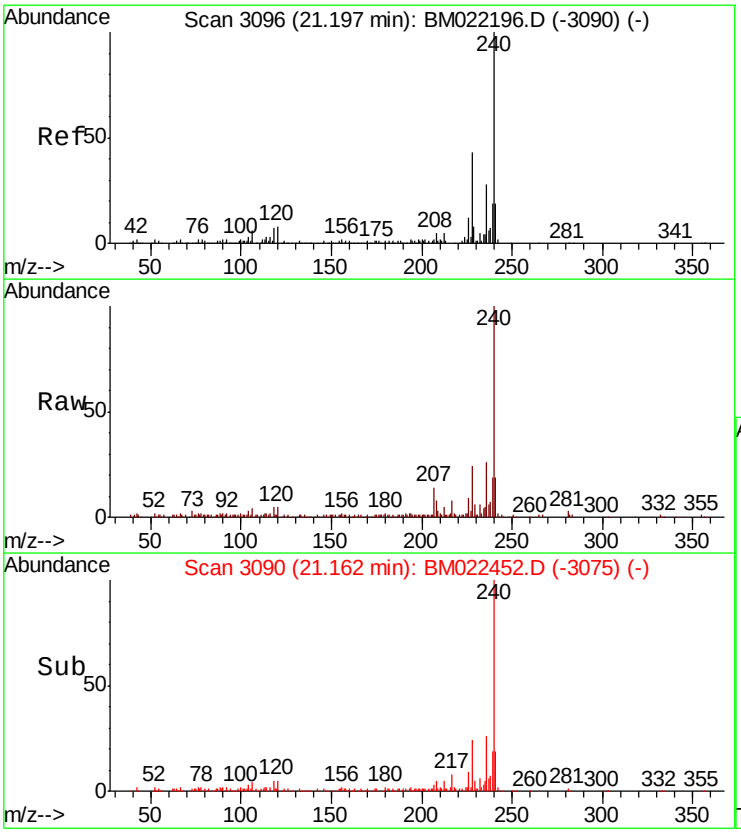
#75
Fluoranthene
Concen: 53.223 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 341353

Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	25.1
203	17.9	0.0	37.1

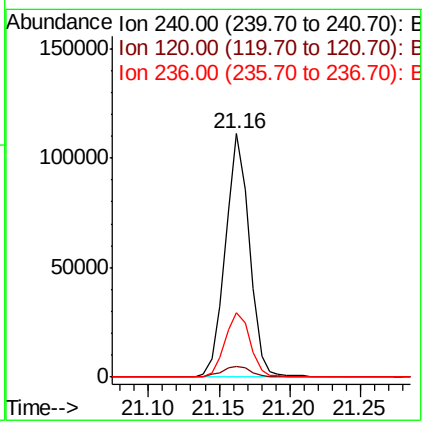


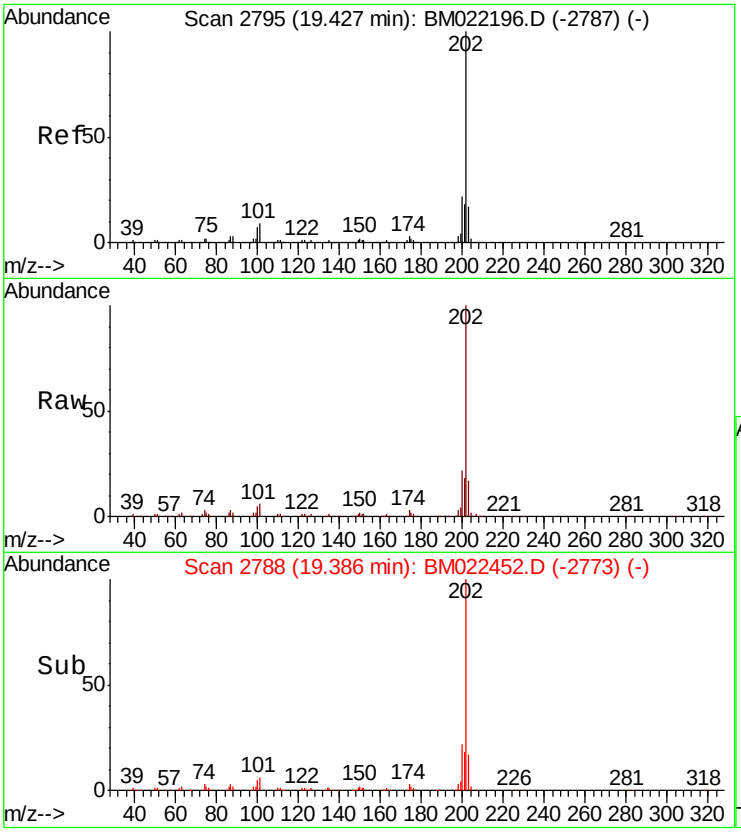


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:240 Resp: 131347

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.9	5.9
236	26.3	21.4	32.2



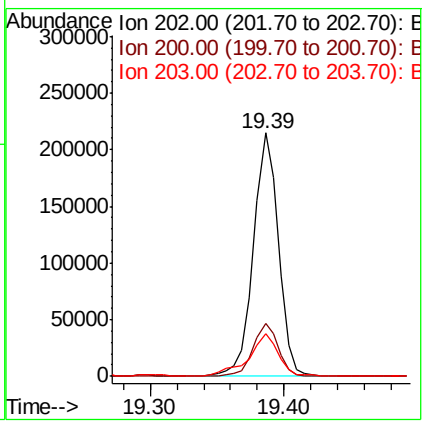


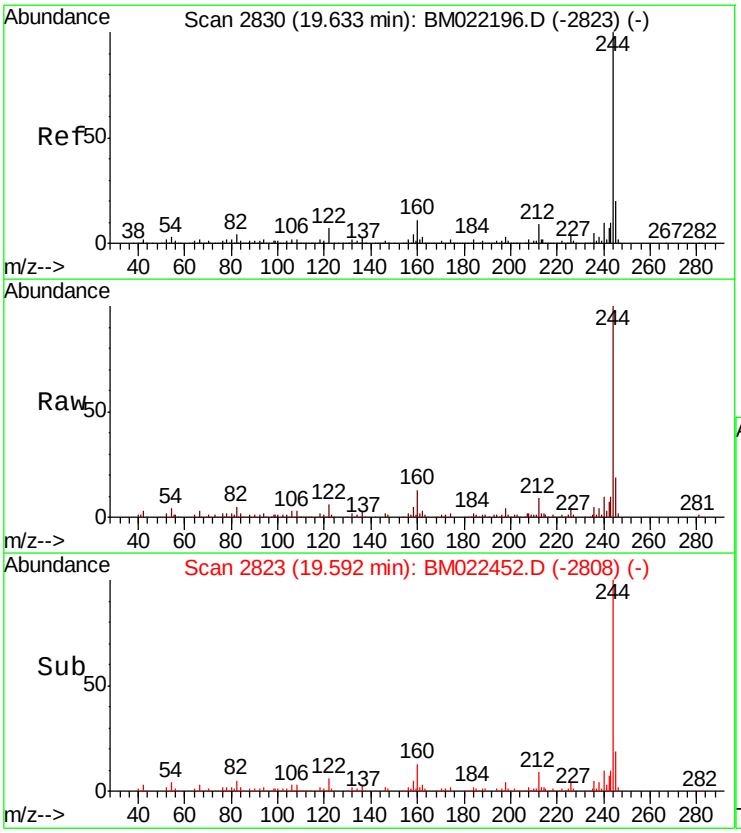
#78
Pyrene
Concen: 30.902 ng
RT: 19.39 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 276614

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.3	13.8	20.8

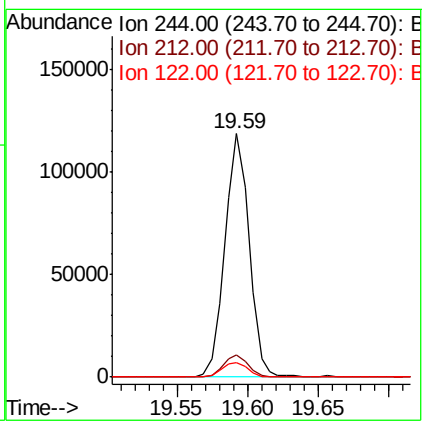


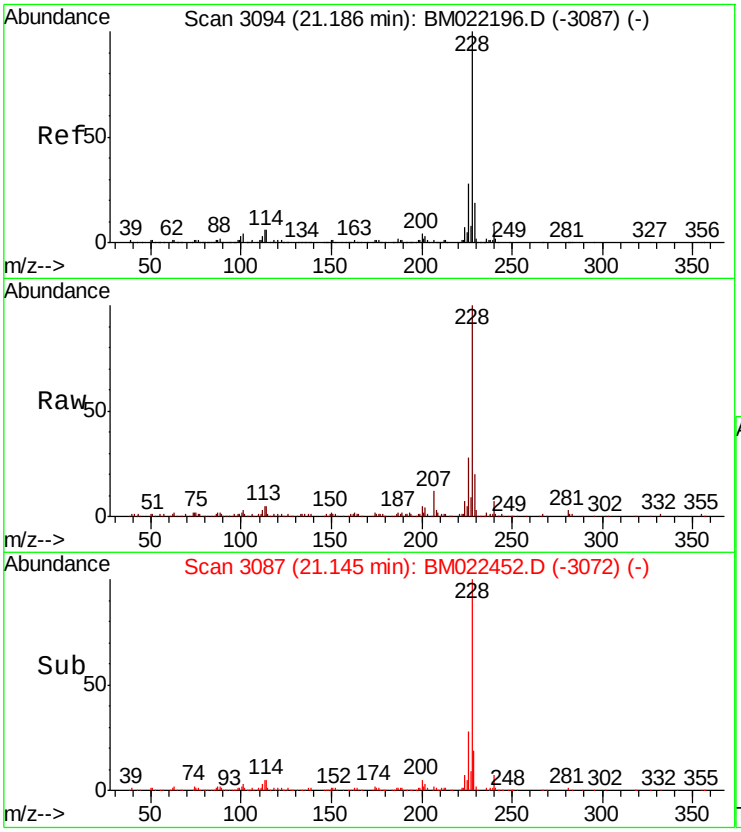


#79
Terphenyl-d14
Concen: 14.213 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:244 Resp: 141454

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.4
122	6.1	3.9	5.9#



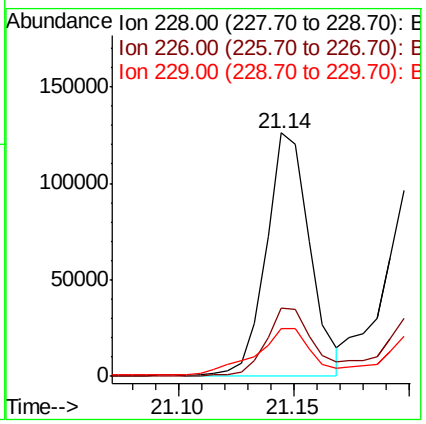


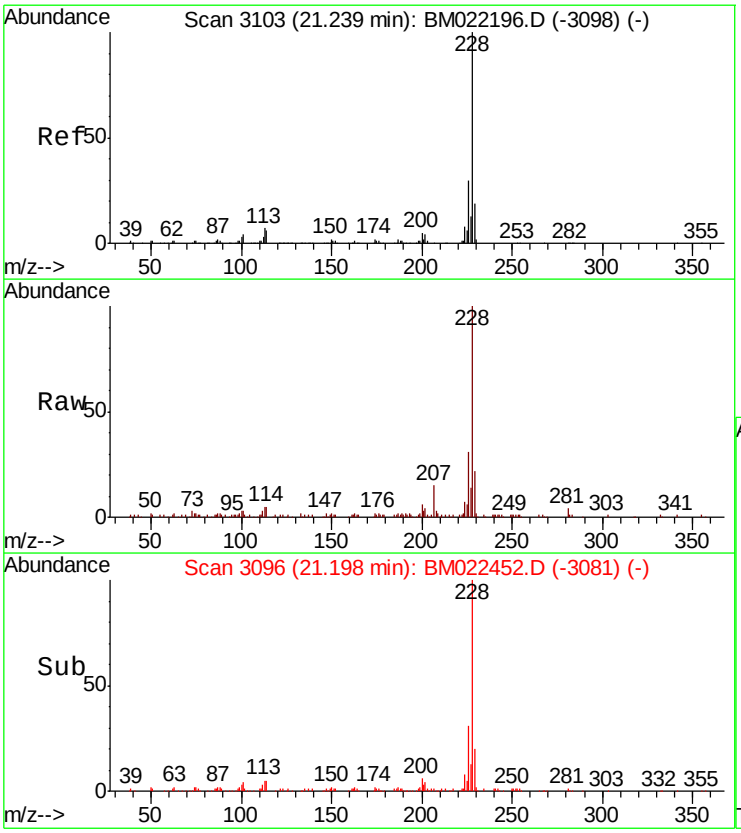
#81
Benzo(a)anthracene
Concen: 17.365 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 163714

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	19.8	15.9	23.9

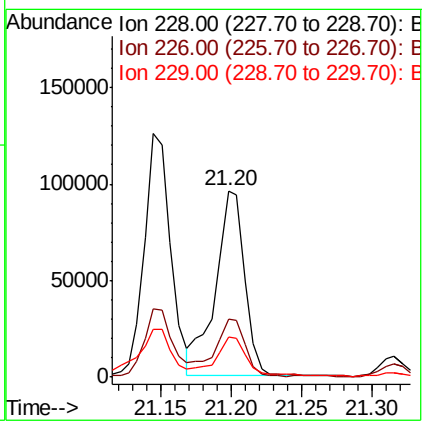


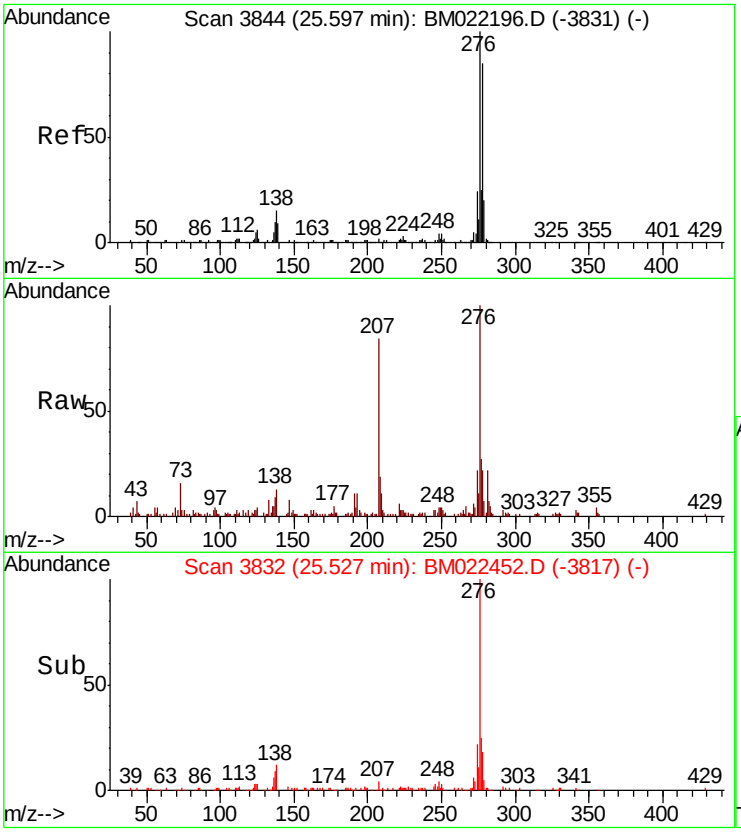


#83
Chrysene
Concen: 15.499 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:228 Resp: 139081

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	21.9	15.7	23.5



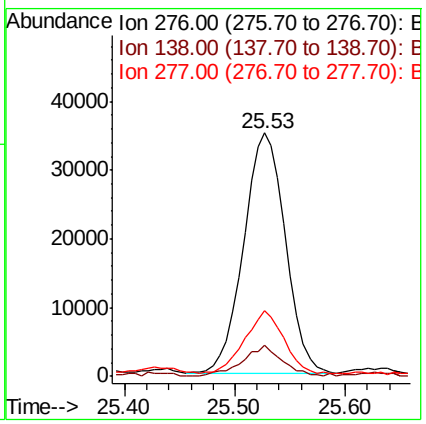


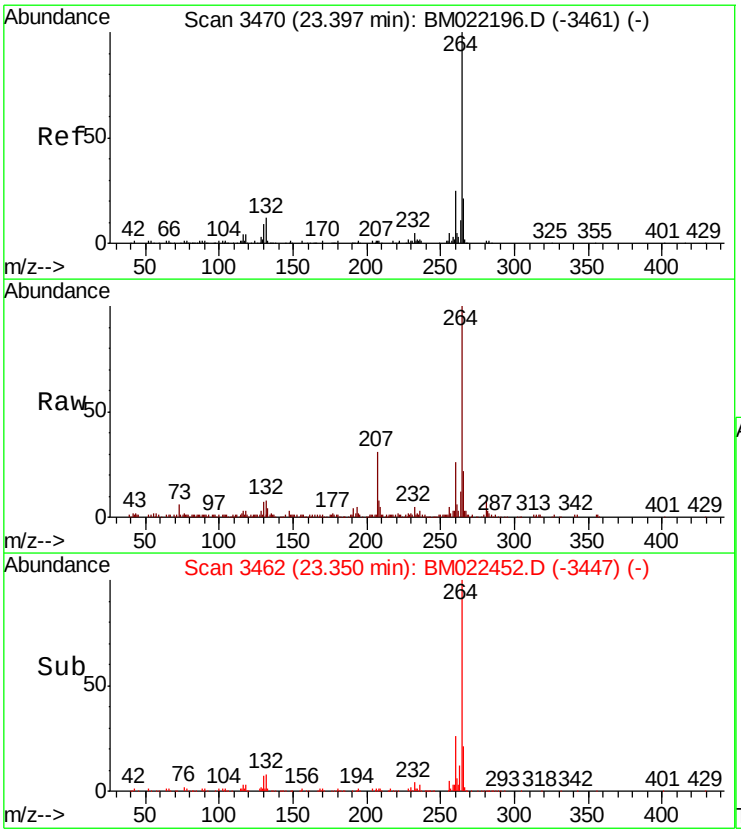
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.247 ng
RT: 25.53 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 92491

Ion	Ratio	Lower	Upper
276	100		
138	12.4	9.1	13.7
277	24.6	20.0	30.0

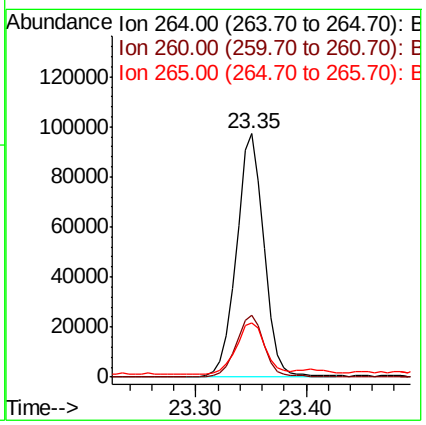


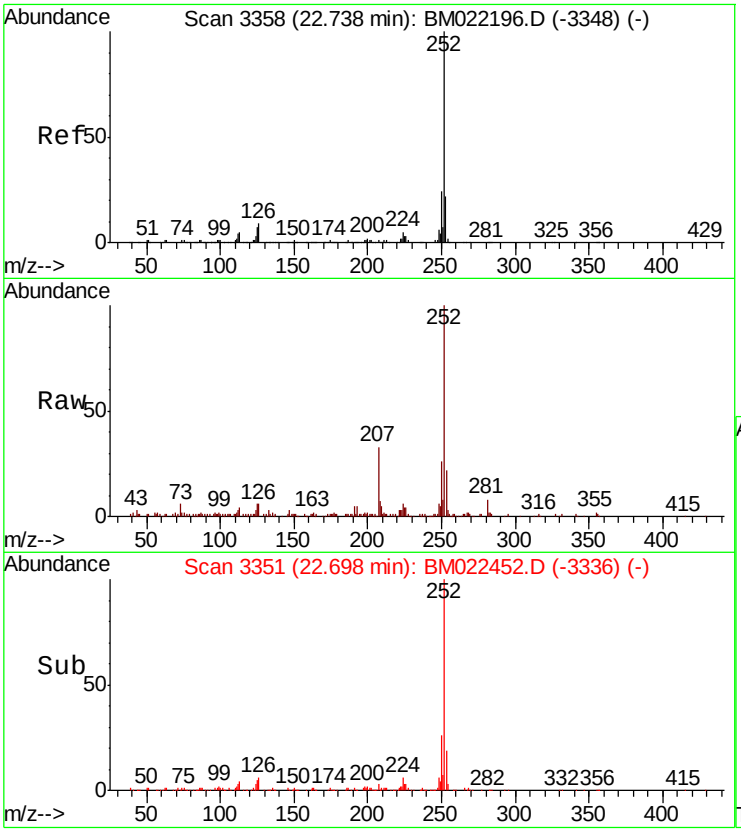


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:264 Resp: 170789

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	22.4	18.2	27.2



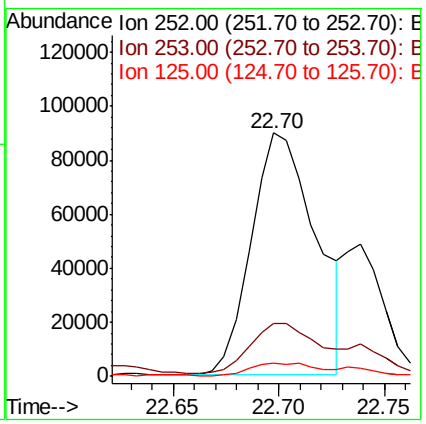


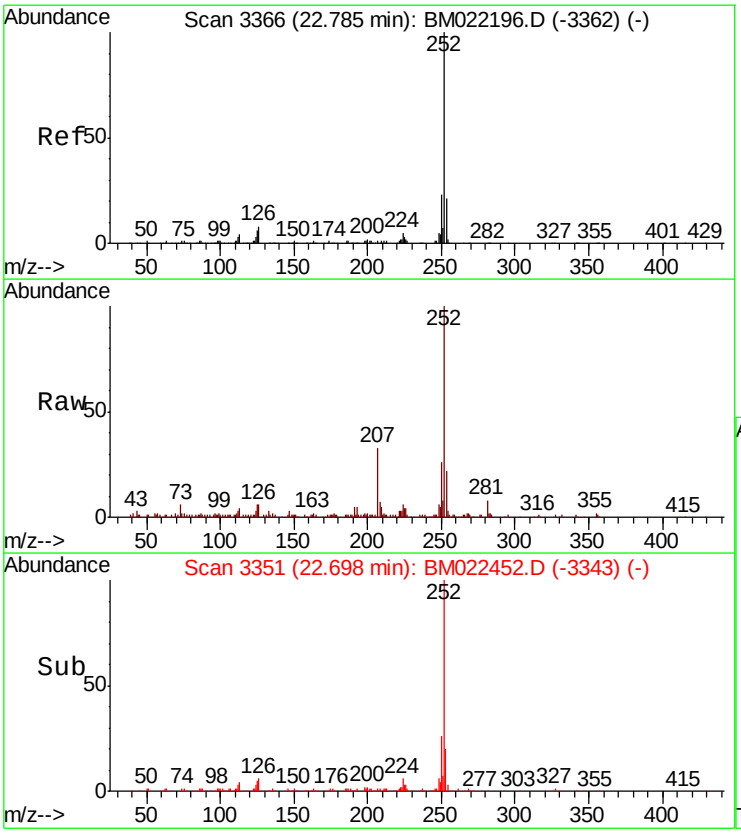
#88
Benzo(b)fluoranthene
Concen: 16.012 ng
RT: 22.70 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 189983

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	5.6	3.5	5.3#

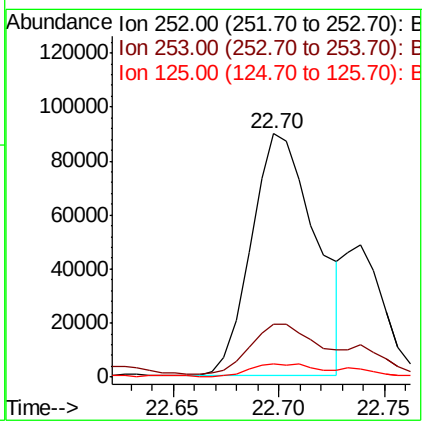


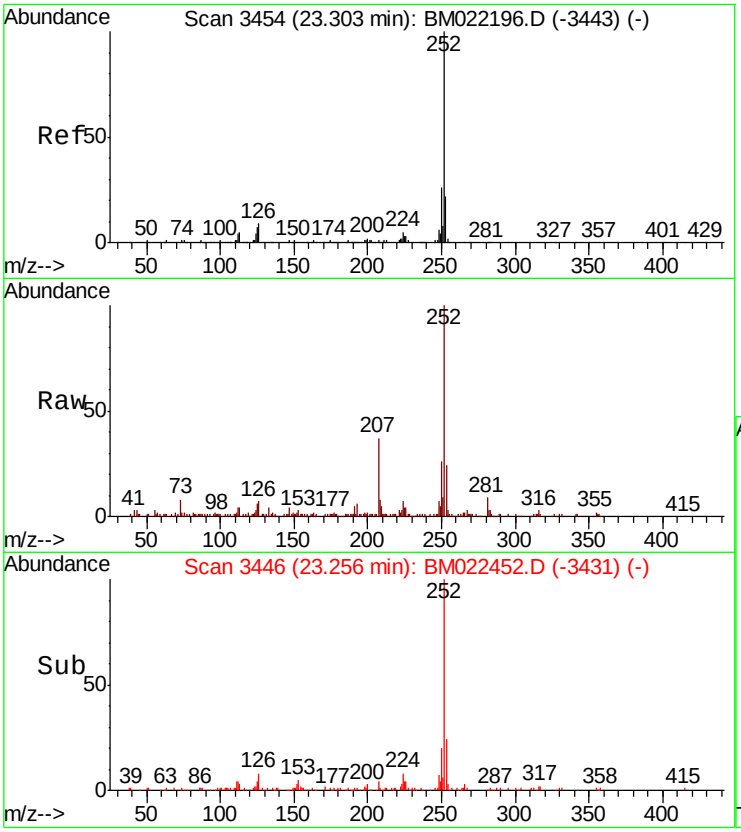


#89
Benzo(k)fluoranthene
Concen: 16.141 ng
RT: 22.70 min Scan# 3351
Delta R.T. -0.05 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:252 Resp: 189983

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	5.6	3.7	5.5#



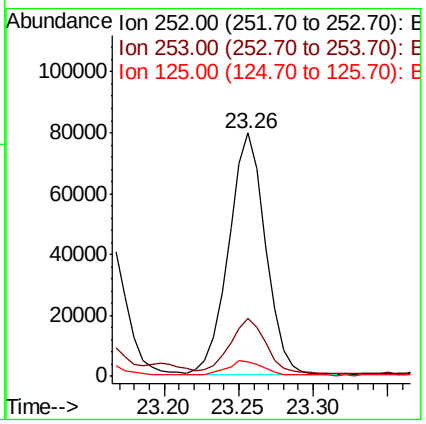


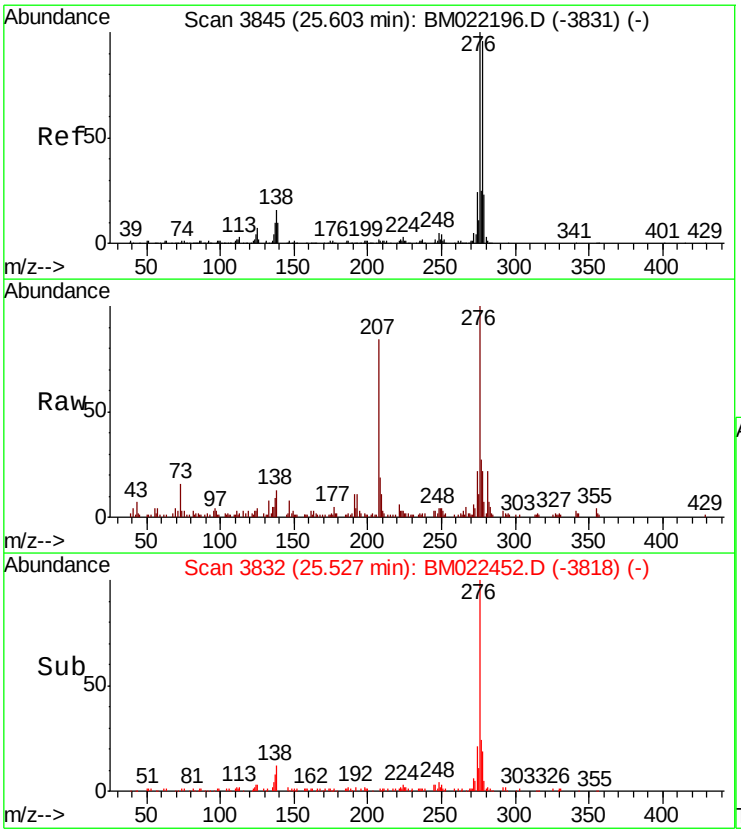
#90
Benzo(a)pyrene
Concen: 12.956 ng
RT: 23.26 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 136443

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	6.0	3.8	5.8#

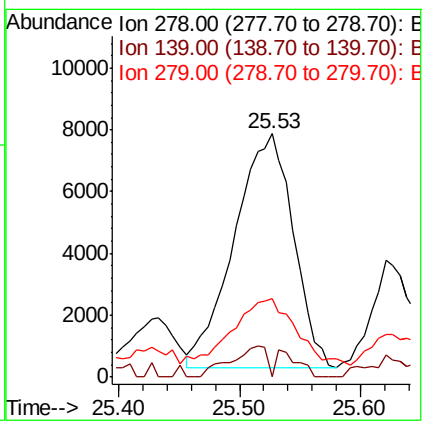


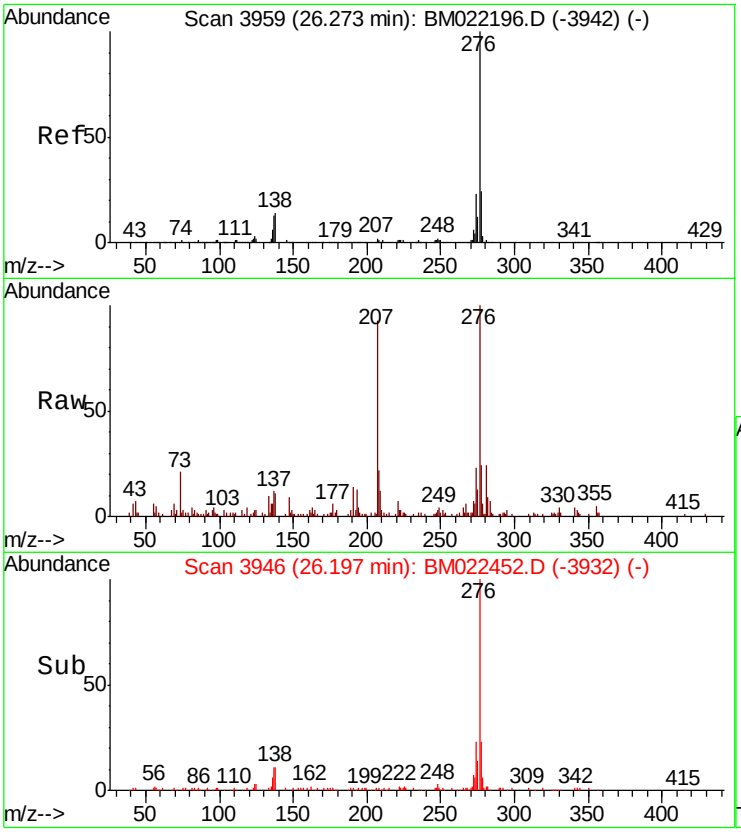


#91
Dibenzo(a,h)anthracene
Concen: 2.445 ng
RT: 25.53 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Tgt Ion:278 Resp: 25671

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.6	9.8#
279	32.3	19.3	28.9#





#92
Benzo(g,h,i)perylene
Concen: 9.646 ng
RT: 26.20 min Scan# 3946
Delta R.T. -0.02 min
Lab File: BM022452.D
Acq: 30 Aug 2019 21:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 88285

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	11.0	8.8	13.2