Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM083119\
Data File : BM022470.D
Acq On : 31 Aug 2019 13:47
Operator : HP/JU
Sample : K4568-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-16-COMP

Quant Time: Aug 31 15:51:18 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	26338	20.00	ng		-0.01
21) Naphthalene-d8	10.29	136	90023	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	58785	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	131518	20.00	ng		0.00
76) Chrysene-d12	21.17	240	175871	20.00	ng		0.00
87) Perylene-d12	23.36	264	204014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	198849	132.53	ng		0.00
7) Phenol-d6	6.72	99	254343	126.76	ng		0.00
23) Nitrobenzene-d5	8.69	82	183869	89.46	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	160155	133.14	ng		0.00
45) 2-Fluorobiphenyl	12.78	172	375005	72.27	ng		-0.01
79) Terphenyl-d14	19.60	244	896645	67.28	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.75	94	6223	3.087	ng	#	68
50) Dimethylphthalate	13.66	163	55400	10.835	ng		100
71) Phenanthrene	17.00	178	19982	2.607	ng		97
75) Fluoranthene	19.02	202	68440	6.704	ng		98
78) Pyrene	19.39	202	70856	5.912	ng		98
81) Benzo(a)anthracene	21.15	228	47264	3.744	ng	#	95
83) Chrysene	21.20	228	45241	3.765	ng		95
86) Indeno(1,2,3-cd)pyrene	25.54	276	29910	2.475	ng		97
88) Benzo(b)fluoranthene	22.71	252	76182	5.375	ng	#	96
89) Benzo(k)fluoranthene	22.71	252	76293	5.426	ng	#	94
90) Benzo(a)pyrene	23.26	252	43308	3.443	ng	#	99
92) Benzo(g,h,i)perylene	26.21	276	29978	2.742	ng	#	93

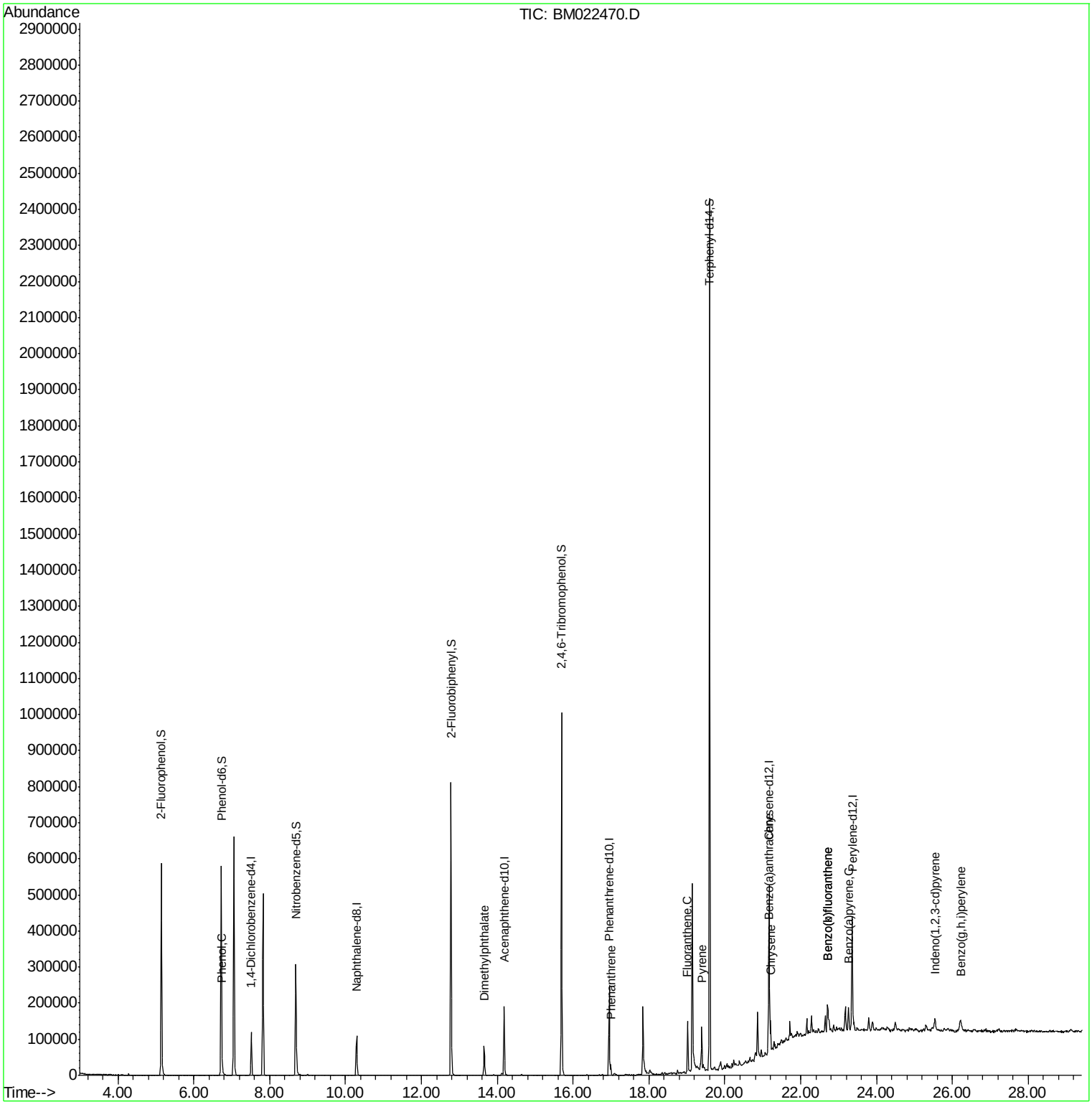
(#) = qualifier out of range (m) = manual integration (+) = signals summed

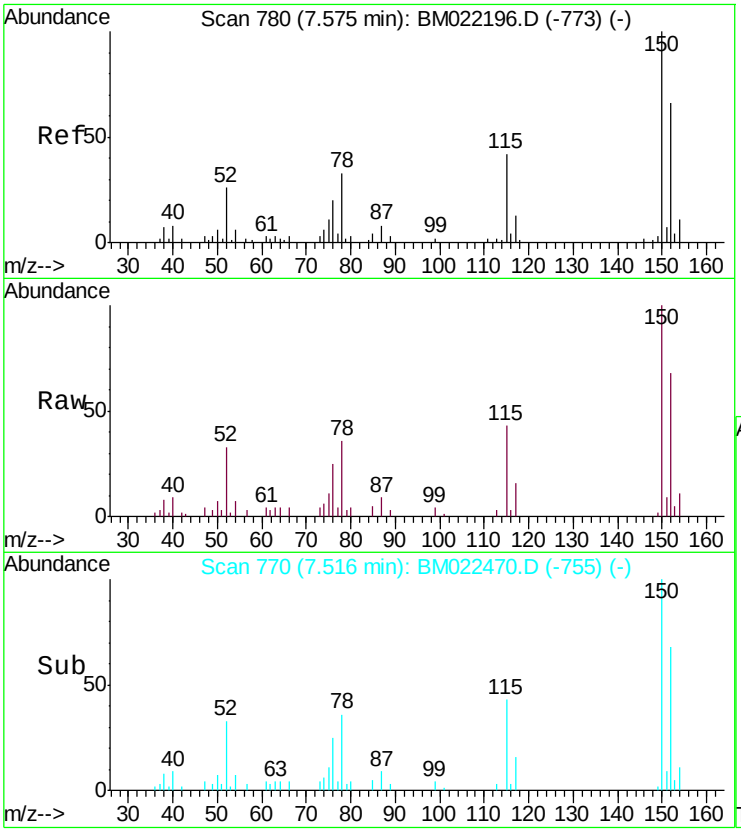
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM083119\
Data File : BM022470.D
Acq On : 31 Aug 2019 13:47
Operator : HP/JU
Sample : K4568-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Quant Time: Aug 31 15:51:18 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



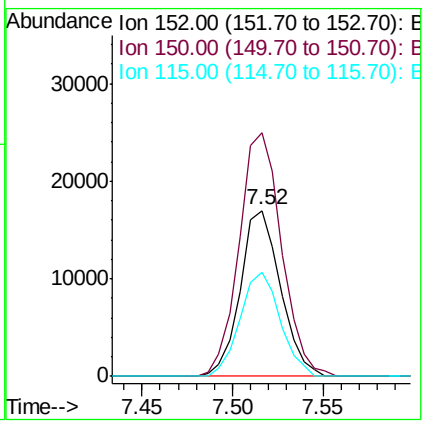


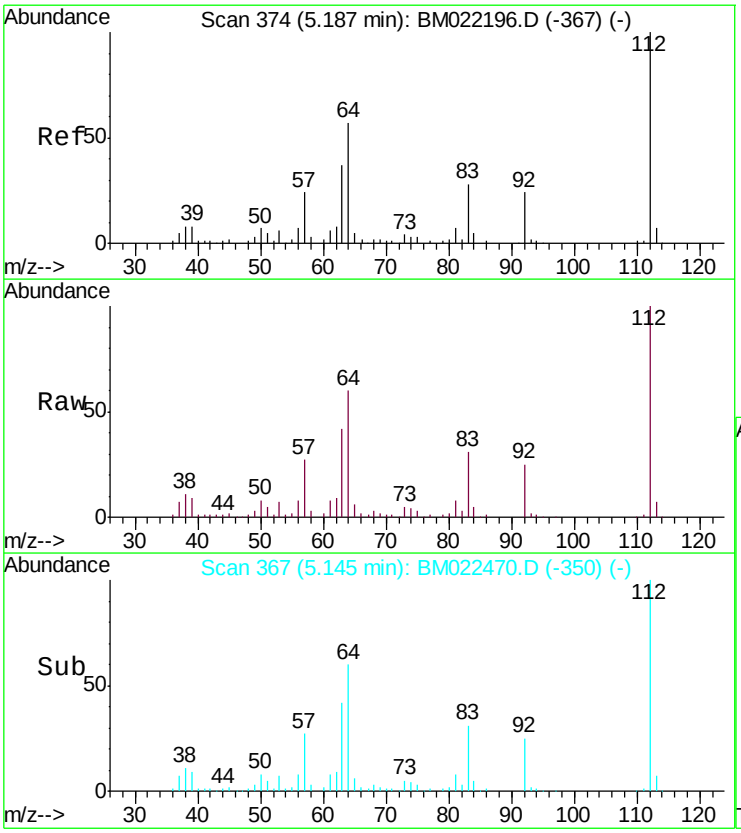
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:152 Resp: 26338

Ion	Ratio	Lower	Upper
152	100		
150	146.6	125.4	188.0
115	62.6	50.3	75.5

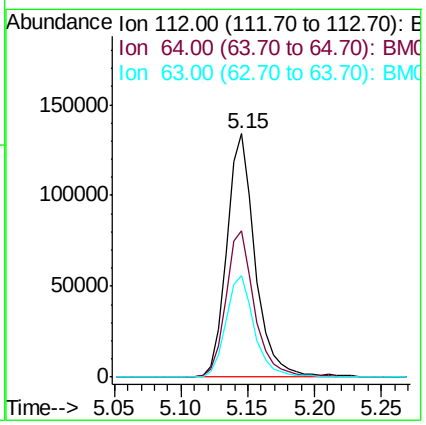


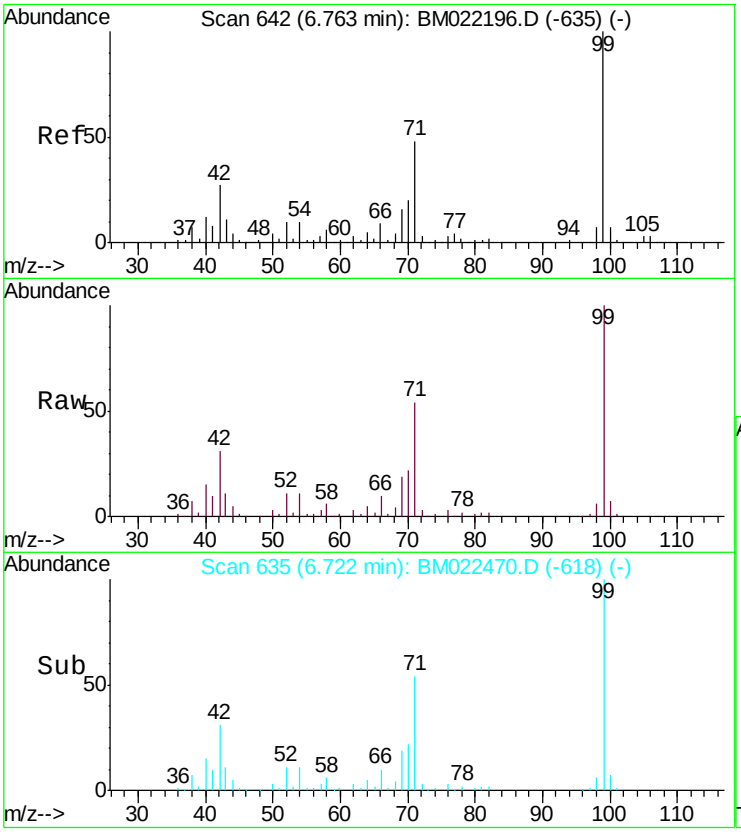


#5
2-Fluorophenol
Concen: 132.525 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:112 Resp: 198849

Ion	Ratio	Lower	Upper
112	100		
64	60.2	45.4	68.2
63	41.8	34.5	51.7



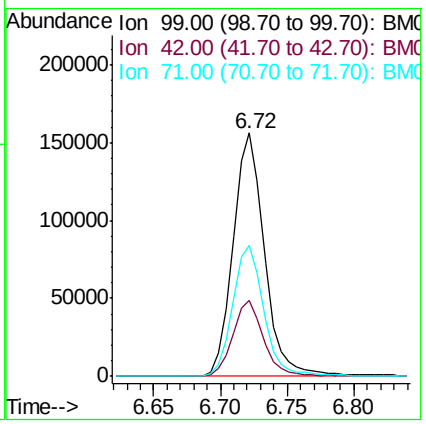


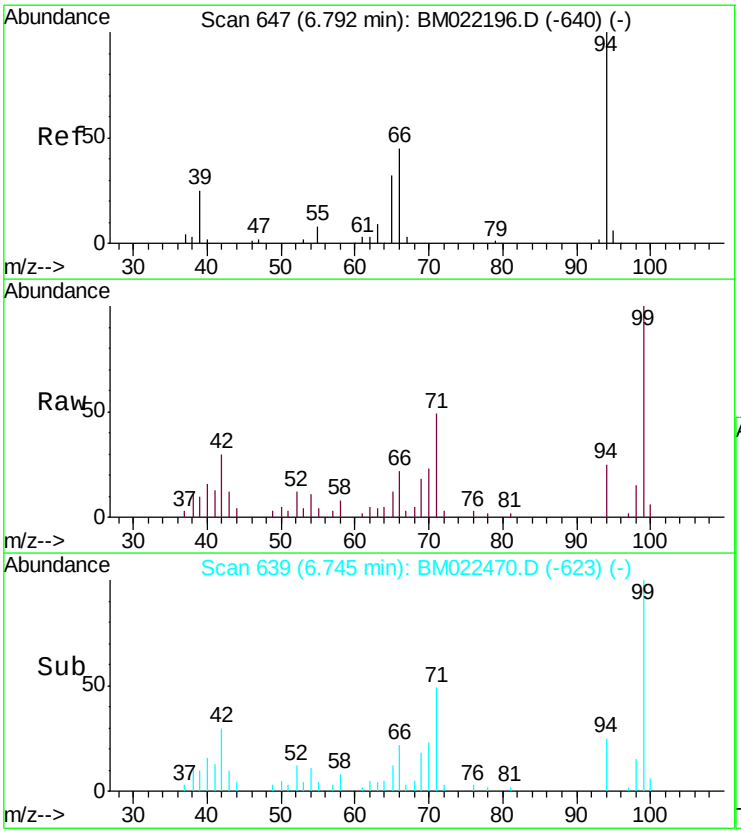
#7
Phenol-d6
Concen: 126.759 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion: 99 Resp: 254343

Ion	Ratio	Lower	Upper
99	100		
42	31.1	26.3	39.5
71	53.6	46.6	69.8

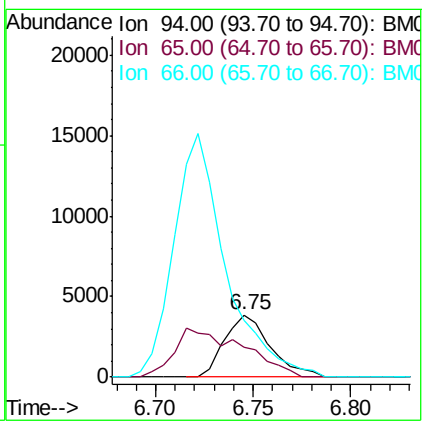


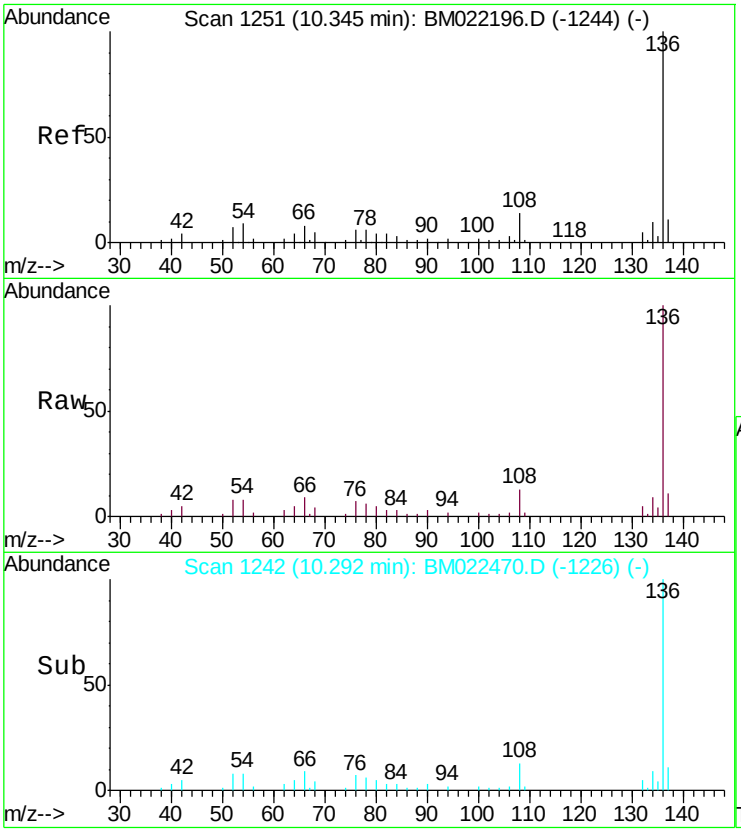


#10
Phenol
Concen: 3.087 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion: 94 Resp: 6223

Ion	Ratio	Lower	Upper
94	100		
65	47.5	17.7	57.7
66	91.1	39.6	79.6#



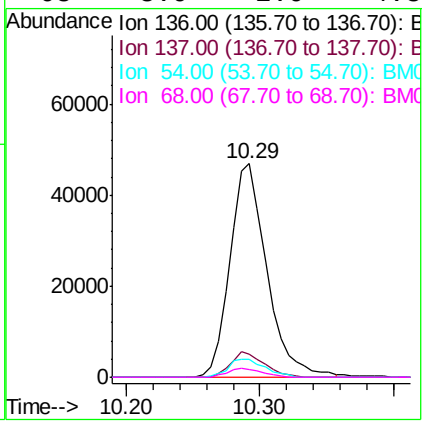


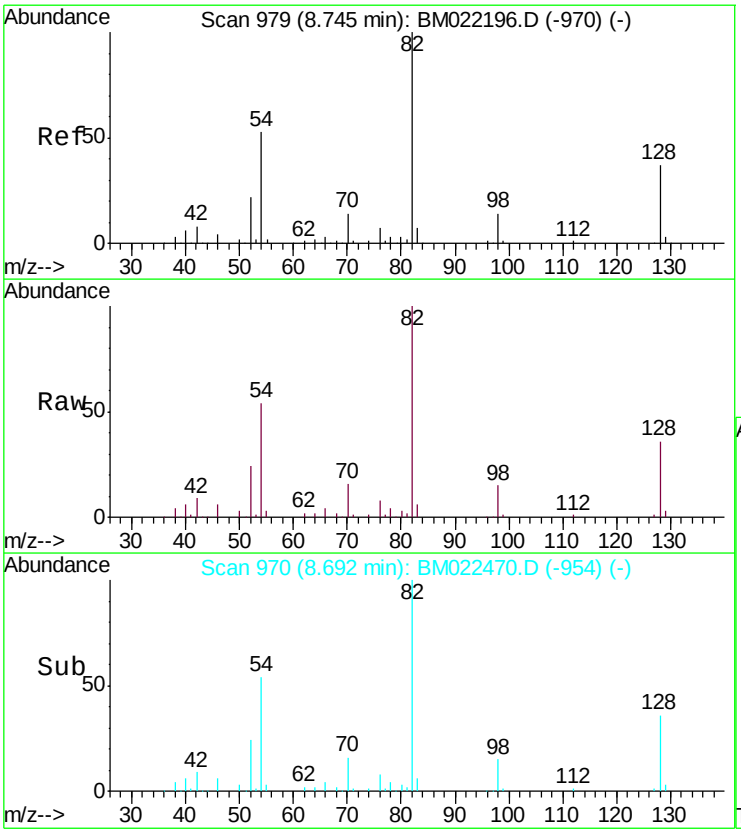
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:136 Resp: 90023

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	7.0	10.6
68	3.9	2.9	4.3

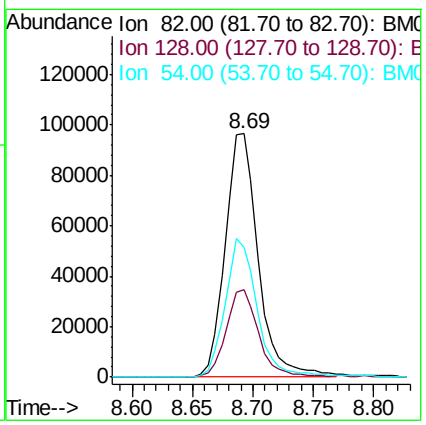


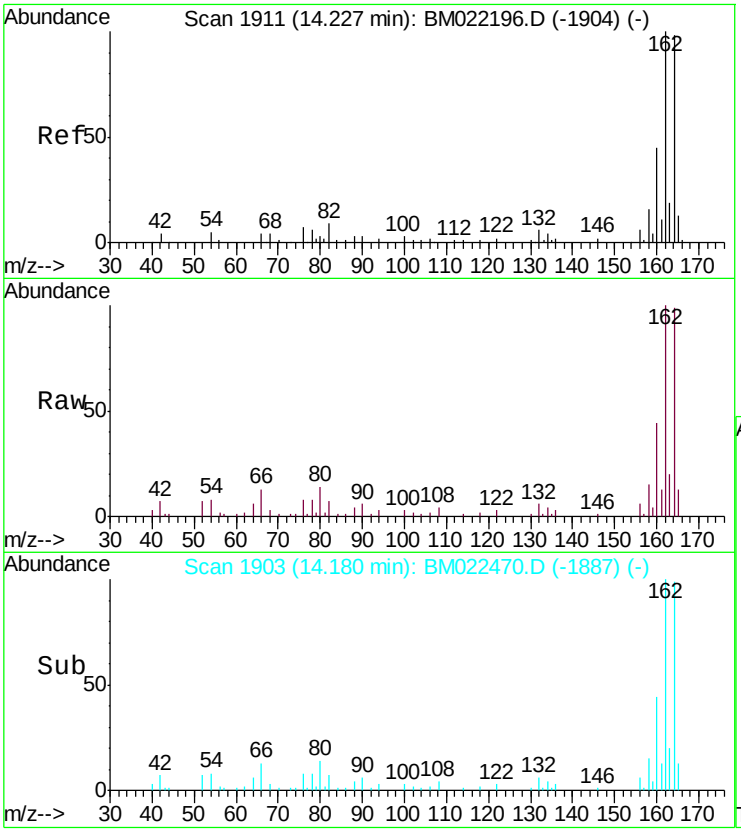


#23
Nitrobenzene-d5
Concen: 89.461 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion: 82 Resp: 183869

Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.9	41.9
54	53.5	45.2	67.8



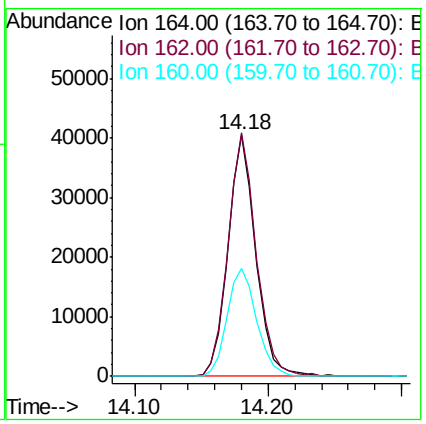


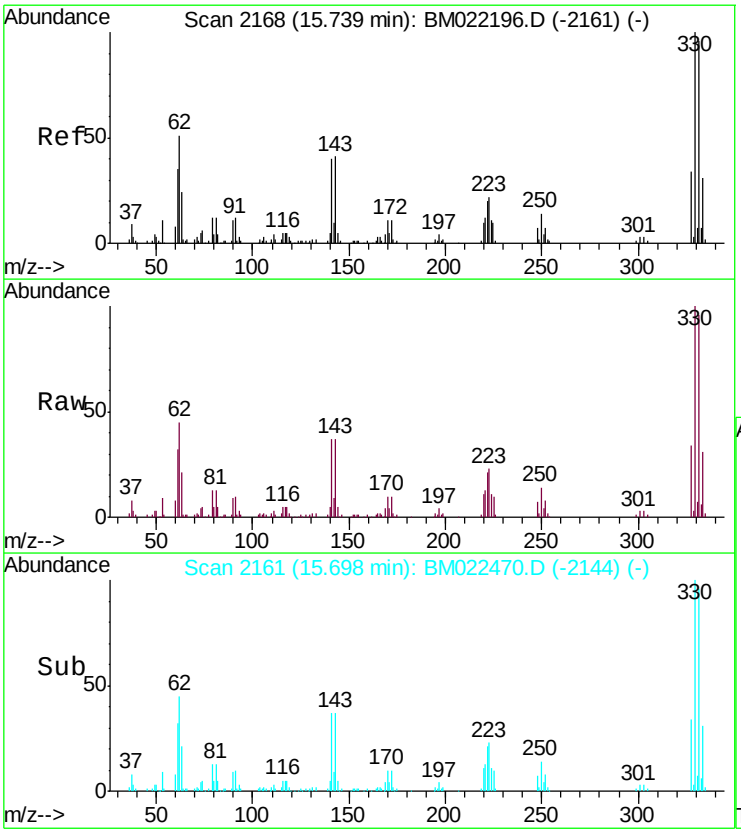
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:164 Resp: 58785

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	121.0
160	44.8	37.3	55.9

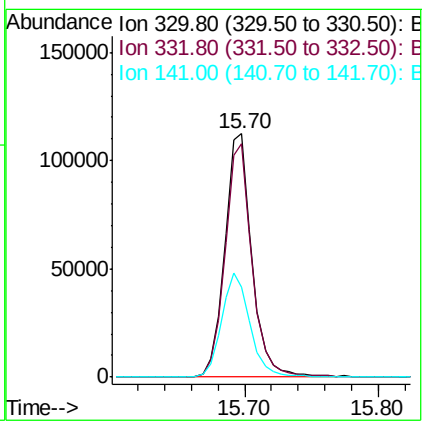


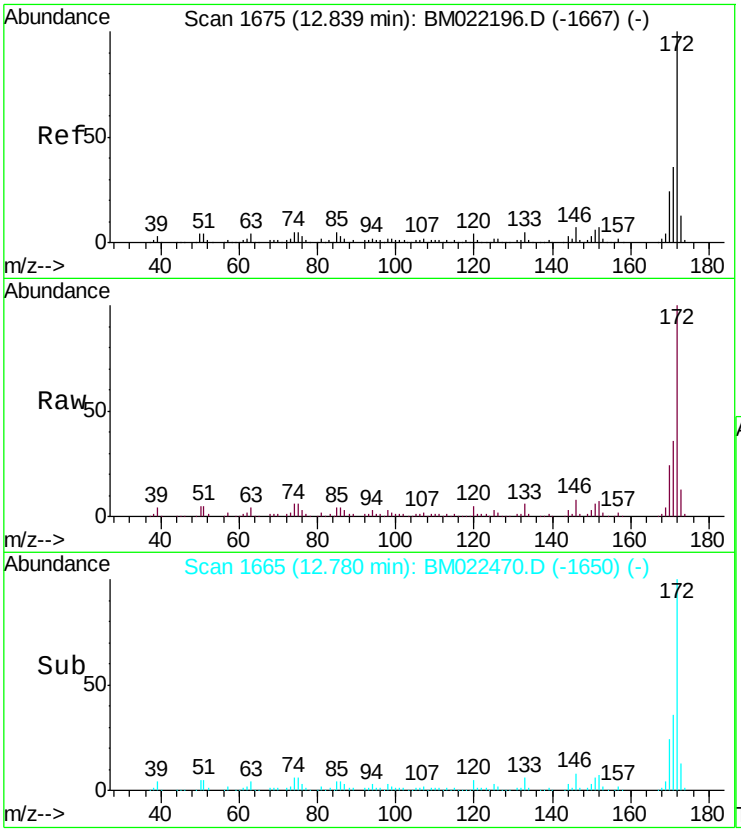


#42
2,4,6-Tribromophenol
Concen: 133.140 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:330 Resp: 160155

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.8	116.8
141	44.7	35.6	53.4



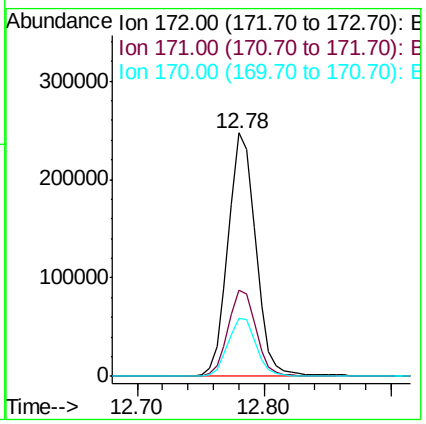


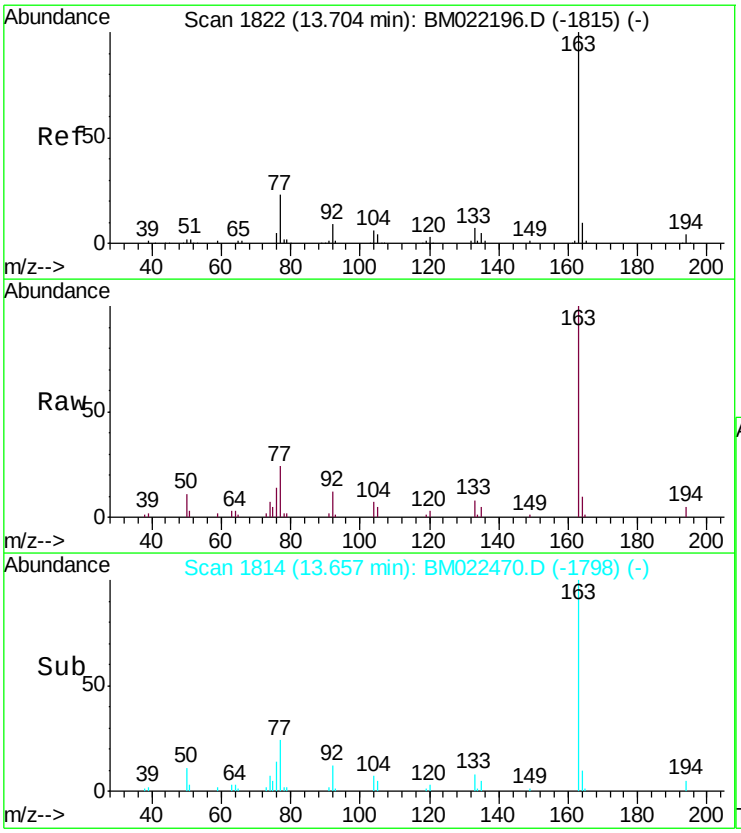
#45
2-Fluorobiphenyl
Concen: 72.267 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:172 Resp: 375005

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.8	18.9	28.3

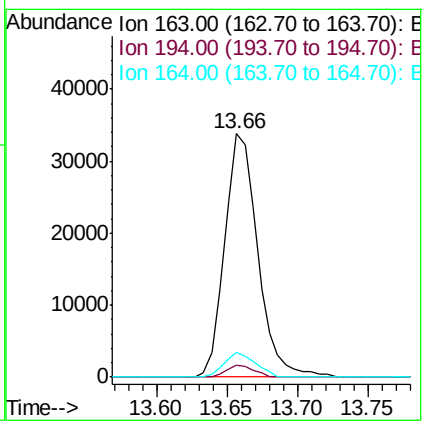


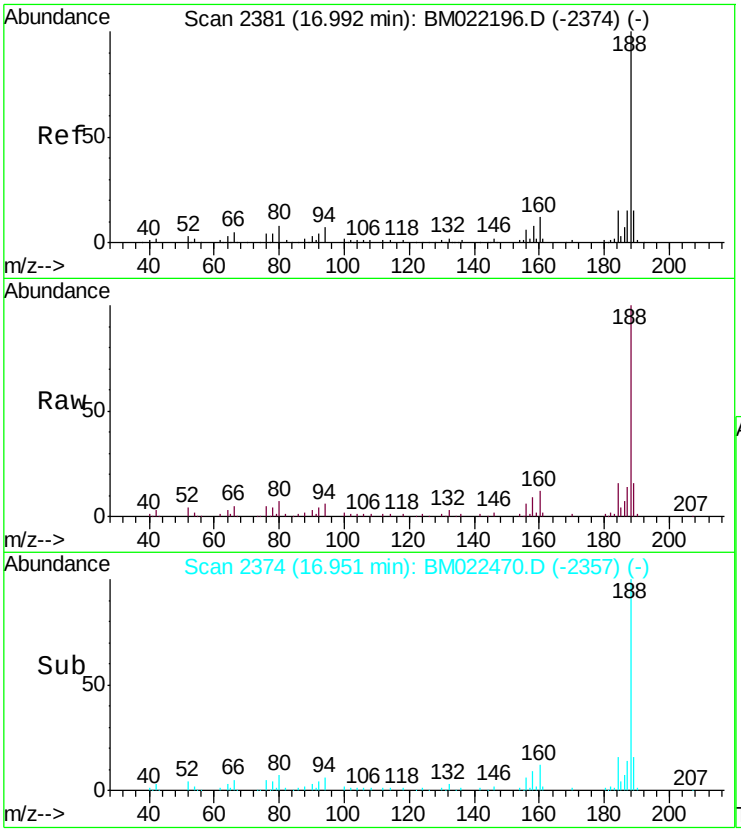


#50
Dimethylphthalate
Concen: 10.835 ng
RT: 13.66 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:163 Resp: 55400

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.3	8.2	12.2



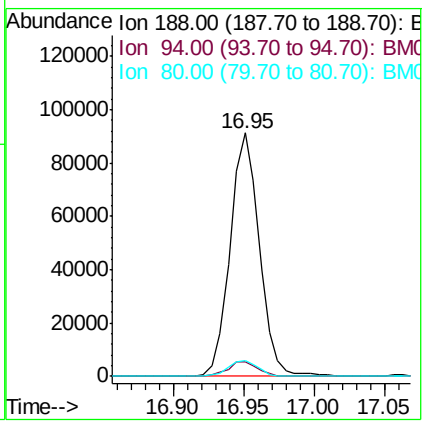


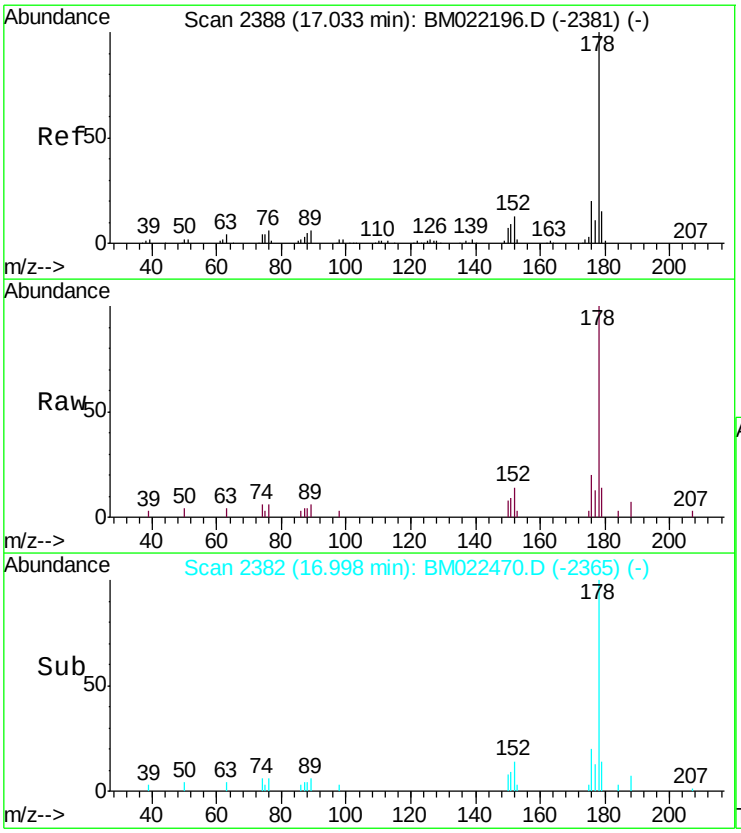
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:188 Resp: 131518

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.4	6.6
80	6.7	5.0	7.6

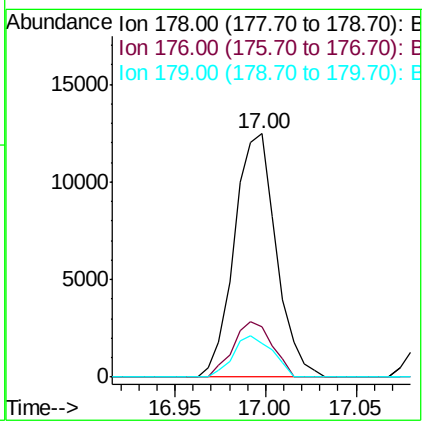


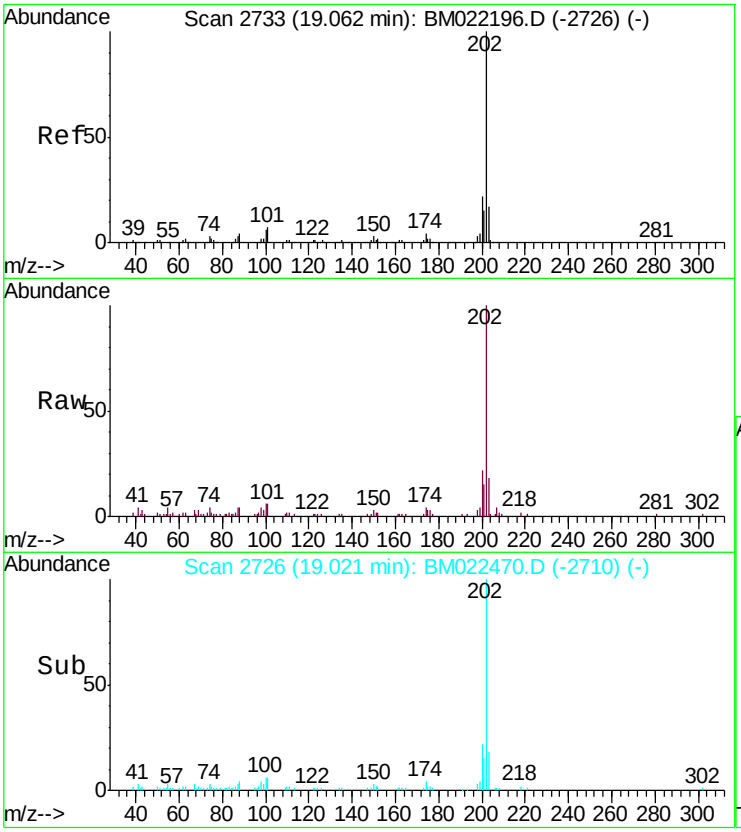


#71
Phenanthrene
Concen: 2.607 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:178 Resp: 19982

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	13.8	12.3	18.5



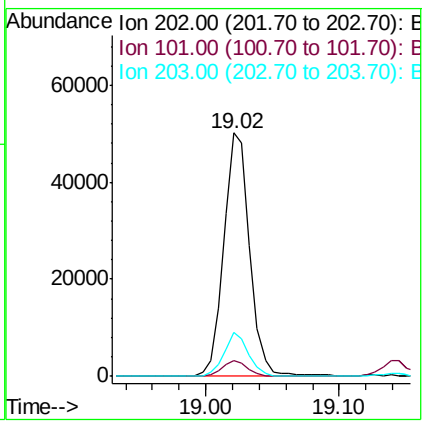


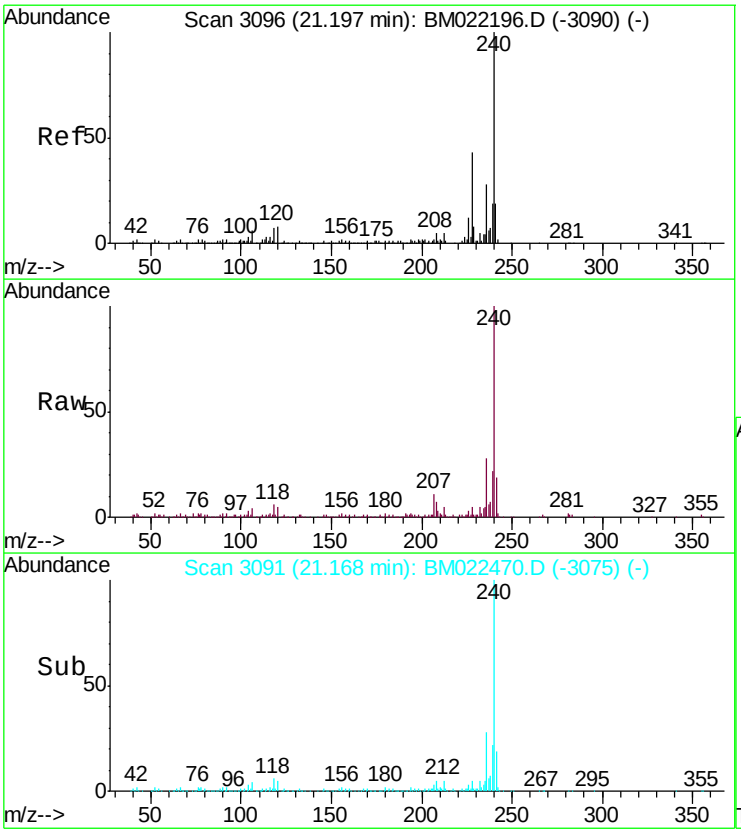
#75
Fluoranthene
Concen: 6.704 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:202 Resp: 68440

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	25.1
203	17.9	0.0	37.1

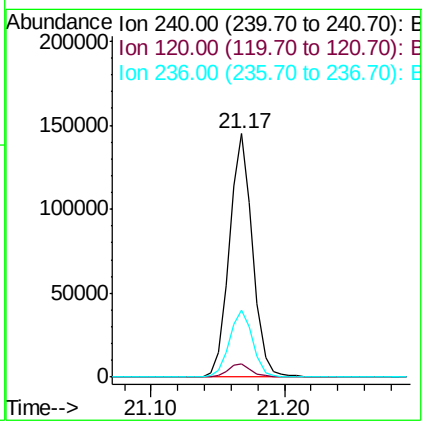


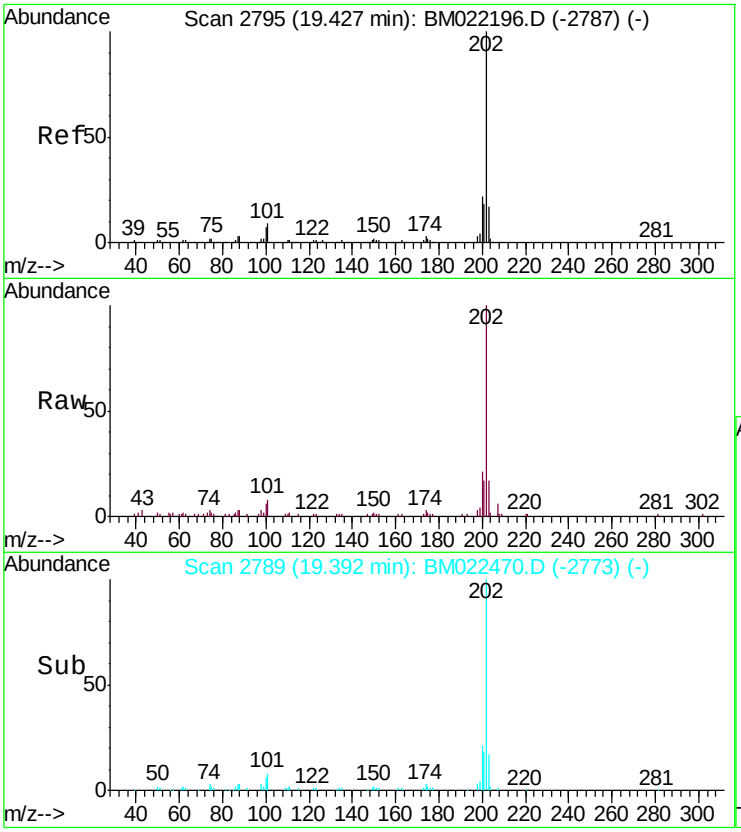


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:240 Resp: 175871

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.9	5.9
236	27.6	21.4	32.2



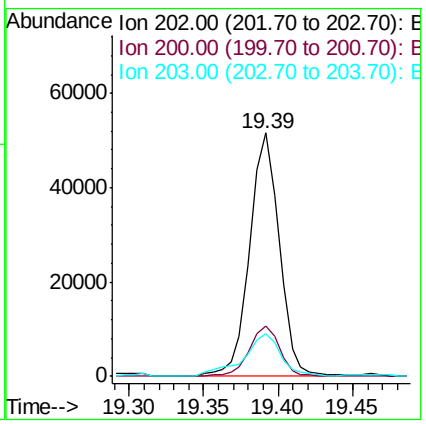


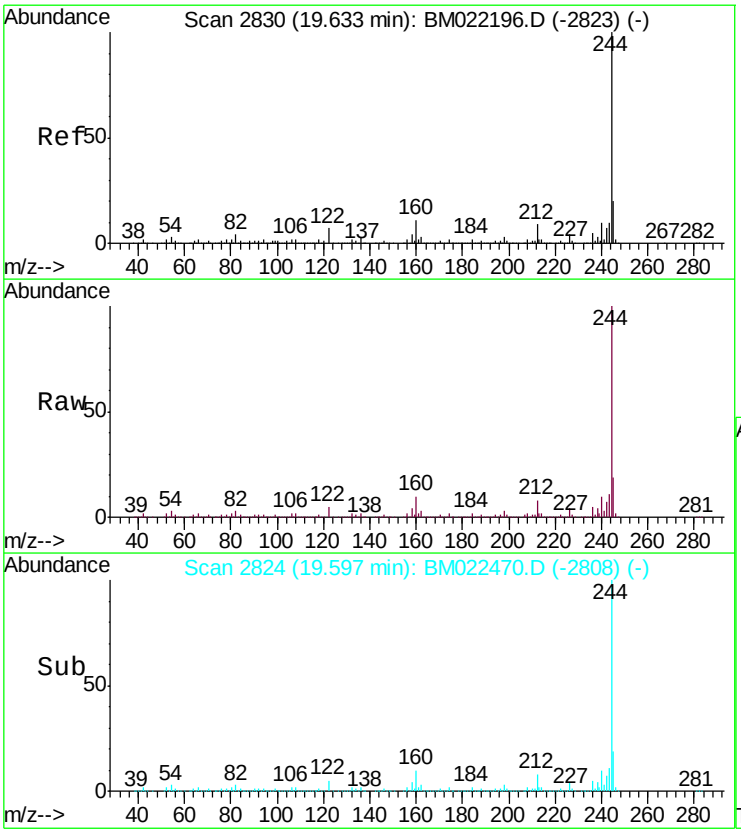
#78
Pyrene
Concen: 5.912 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:202 Resp: 70856

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

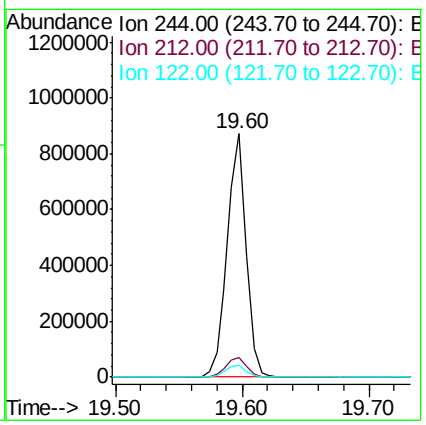


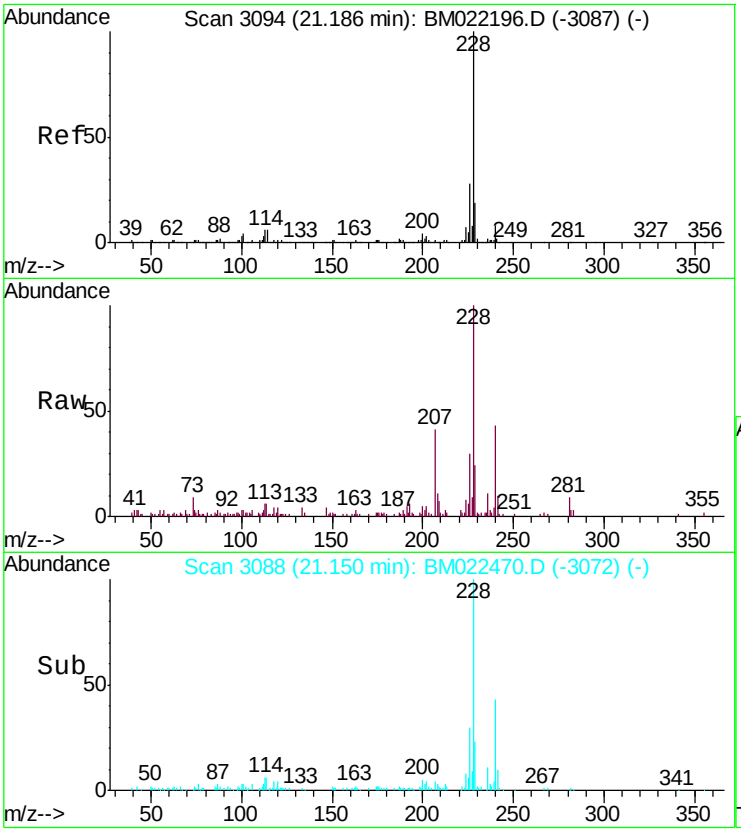


#79
Terphenyl-d14
Concen: 67.285 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:244 Resp: 896645

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	4.7	3.9	5.9



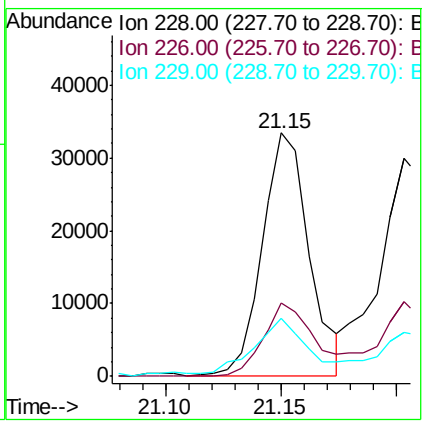


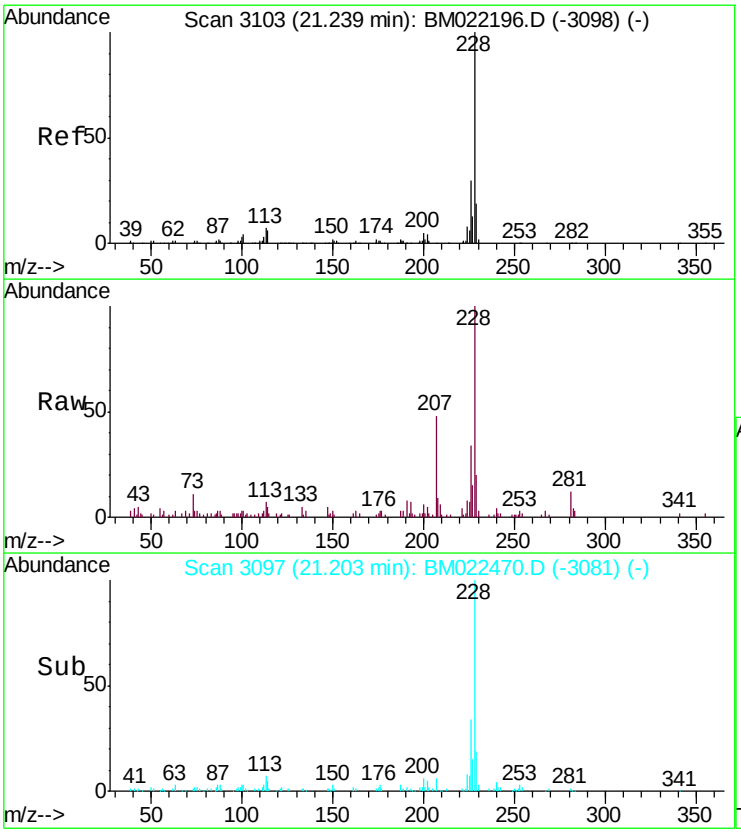
#81
Benzo(a)anthracene
Concen: 3.744 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:228 Resp: 47264

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	34.0
229	24.0	15.9	23.9#

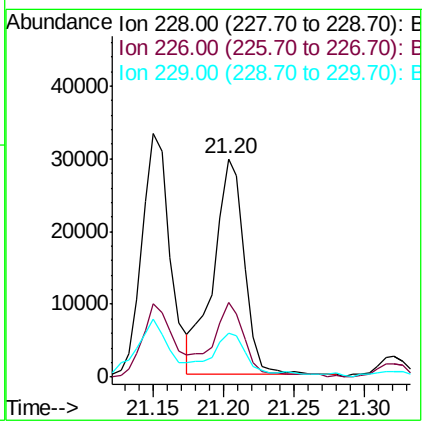


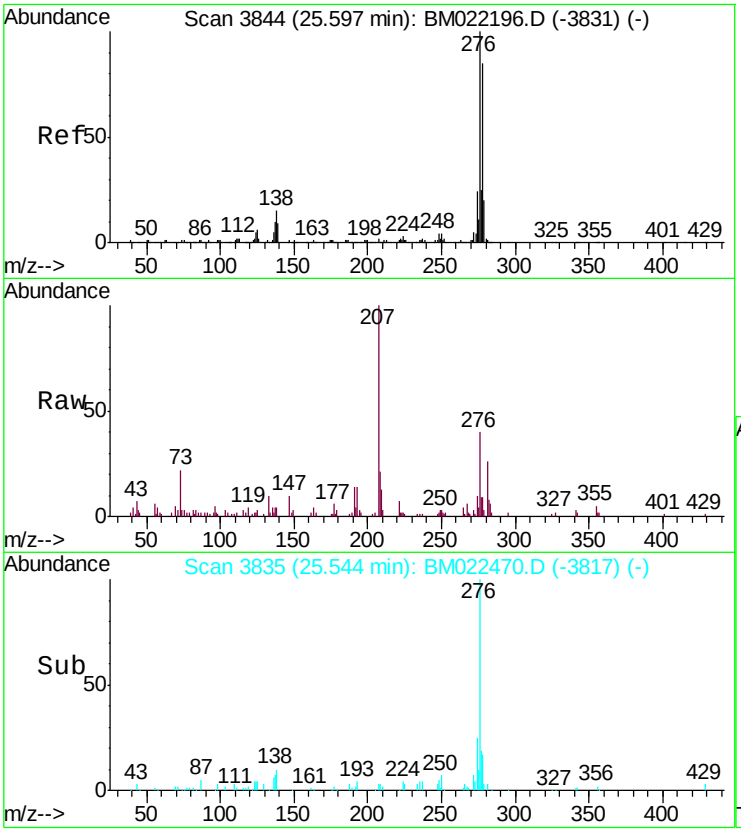


#83
Chrysene
Concen: 3.765 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:228 Resp: 45241

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.5	36.7
229	20.2	15.7	23.5



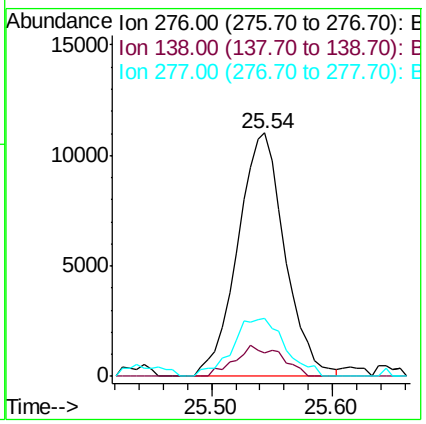


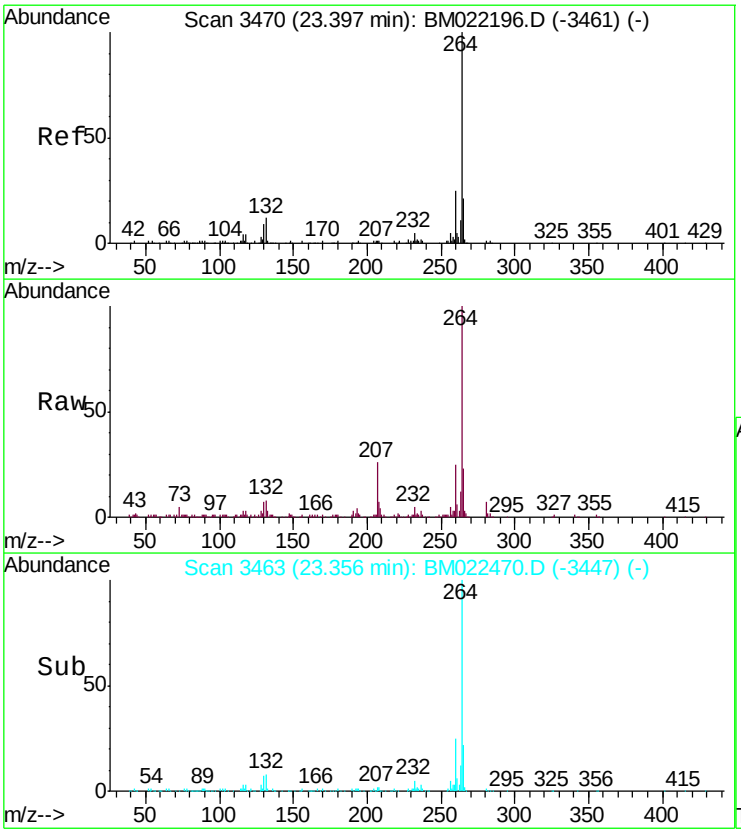
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.475 ng
RT: 25.54 min Scan# 3835
Delta R.T. 0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:276 Resp: 29910

Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.1	13.7
277	26.5	20.0	30.0

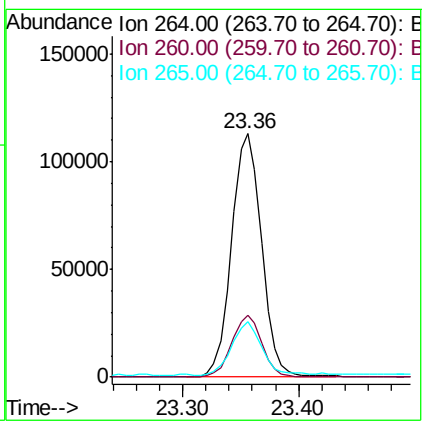


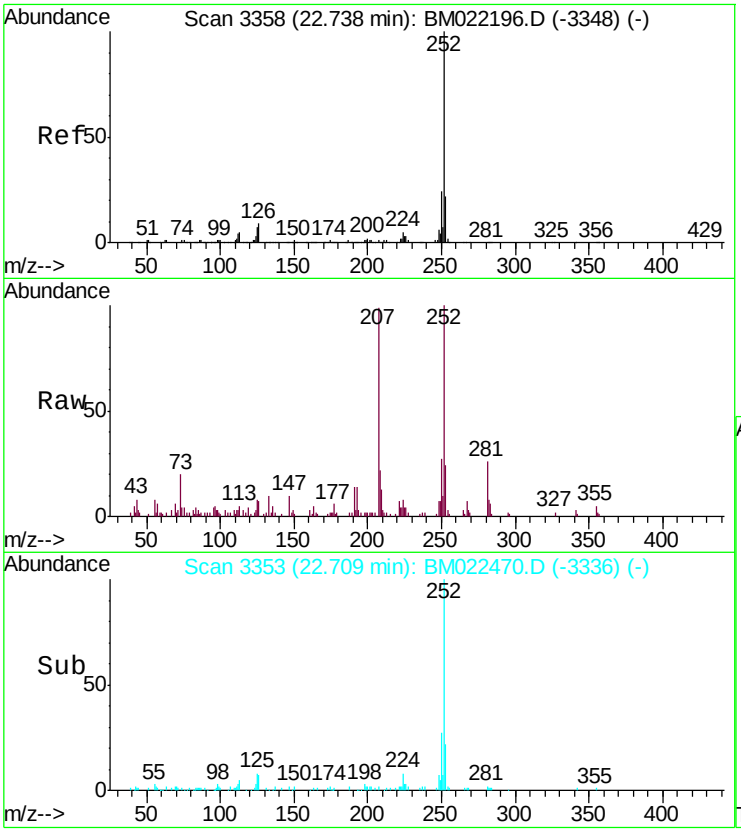


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:264 Resp: 204014

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	22.7	18.2	27.2



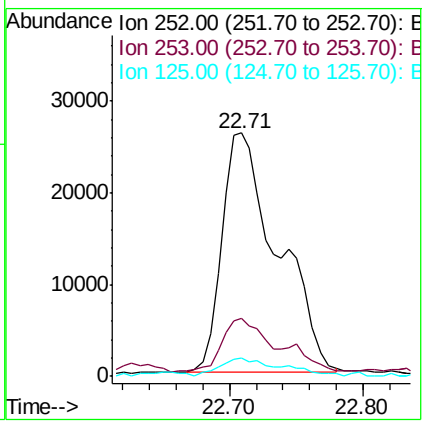


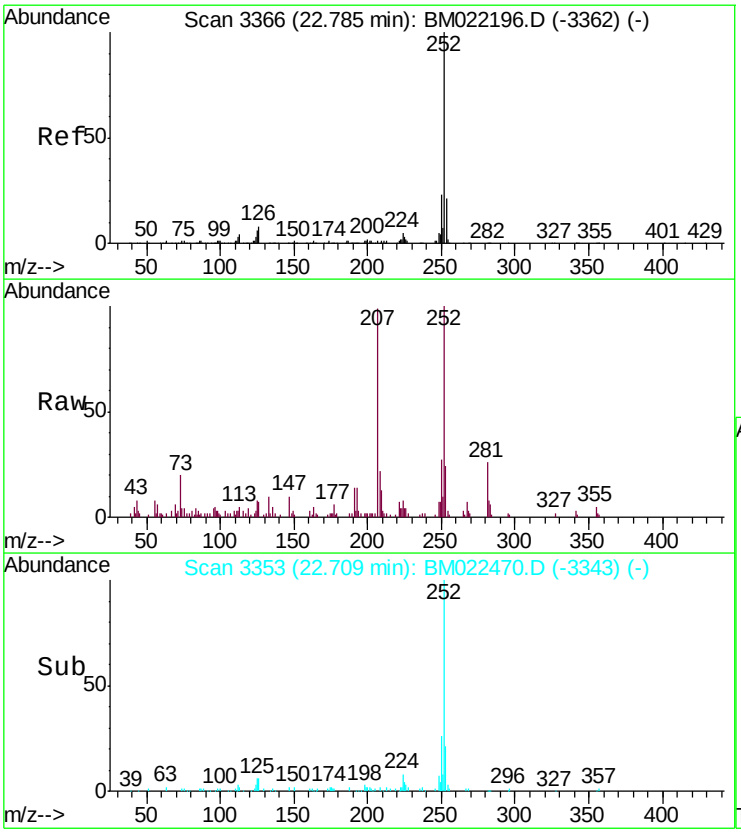
#88
Benzo(b)fluoranthene
Concen: 5.375 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:252 Resp: 76182

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	7.6	3.5	5.3#

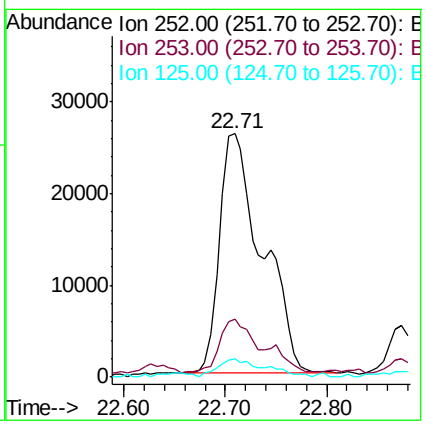


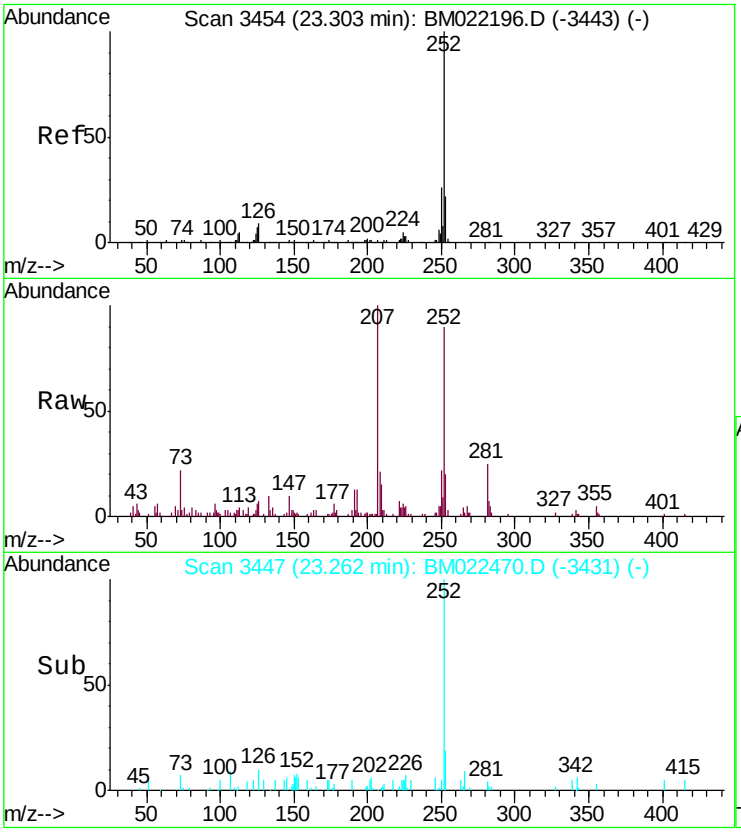


#89
Benzo(k)fluoranthene
Concen: 5.426 ng
RT: 22.71 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:252 Resp: 76293

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	7.6	3.7	5.5#



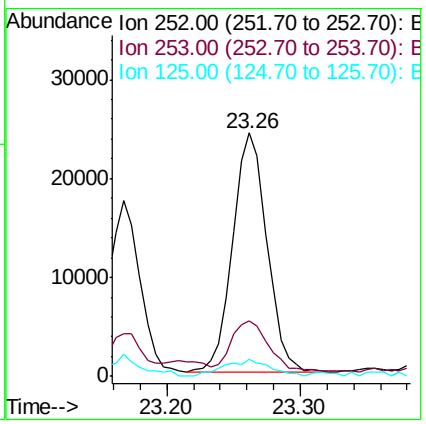


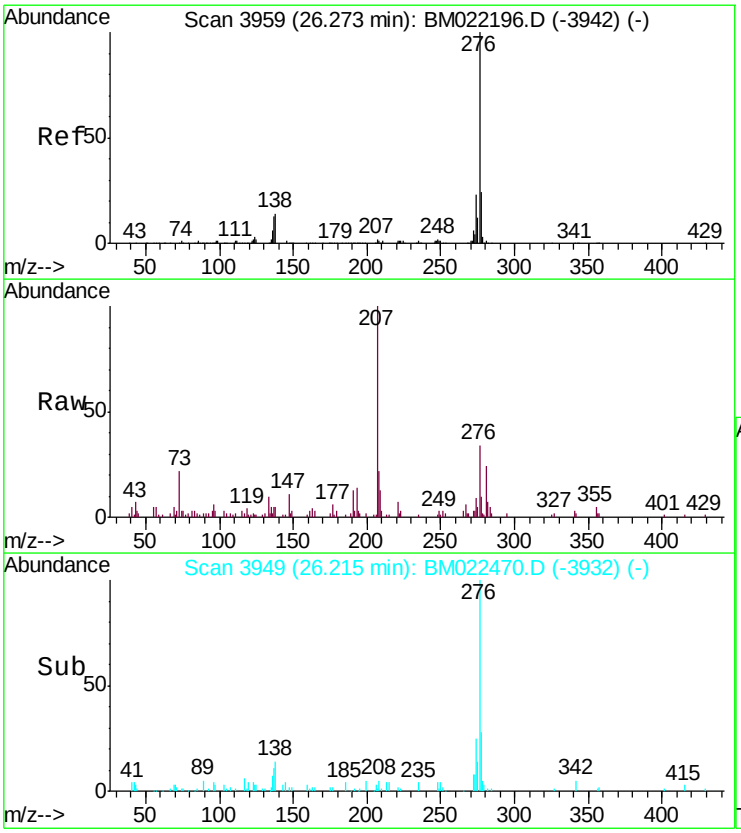
#90
Benzo(a)pyrene
Concen: 3.443 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Instrument :
BNA_M
ClientSampleId :
SB-16-COMP

Tgt Ion:252 Resp: 43308

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	7.2	3.8	5.8#





#92
Benzo(g,h,i)perylene
Concen: 2.742 ng
RT: 26.21 min Scan# 3949
Delta R.T. -0.00 min
Lab File: BM022470.D
Acq: 31 Aug 2019 13:47

Tgt Ion:276 Resp: 29978

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.4	29.0
138	14.2	8.8	13.2#