Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM083119\
Data File : BM022469.D
Acq On : 31 Aug 2019 13:10
Operator : HP/JU
Sample : K4568-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-36-COMP

Quant Time: Aug 31 15:51:05 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	25208	20.00	ng		-0.01
21) Naphthalene-d8	10.29	136	90067	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	57797	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	132189	20.00	ng		0.00
76) Chrysene-d12	21.17	240	173203	20.00	ng		0.00
87) Perylene-d12	23.36	264	201166	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	185147	128.92	ng		0.00
7) Phenol-d6	6.72	99	233205	121.43	ng		0.00
23) Nitrobenzene-d5	8.69	82	167432	81.42	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	143873	121.65	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	389037	76.25	ng		0.00
79) Terphenyl-d14	19.60	244	951287	72.48	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.75	94	5123	2.655	ng	#	59
15) Benzyl Alcohol	7.82	79	3785	2.077	ng	#	36
49) Acenaphthylene	13.90	152	46311	8.183	ng		98
50) Dimethylphthalate	13.66	163	43712	8.696	ng		99
72) Anthracene	17.09	178	22750	3.001	ng		99
75) Fluoranthene	19.02	202	26987	2.630	ng		97
78) Pyrene	19.39	202	80563	6.825	ng		97
81) Benzo(a)anthracene	21.15	228	39285	3.160	ng	#	89
83) Chrysene	21.20	228	44283	3.742	ng		93
86) Indeno(1,2,3-cd)pyrene	25.53	276	51880	4.359	ng		97
88) Benzo(b)fluoranthene	22.70	252	120272	8.606	ng	#	98
89) Benzo(k)fluoranthene	22.70	252	120512	8.693	ng	#	98
90) Benzo(a)pyrene	23.26	252	81673	6.584	ng		95
92) Benzo(g,h,i)perylene	26.20	276	50327	4.668	ng		98

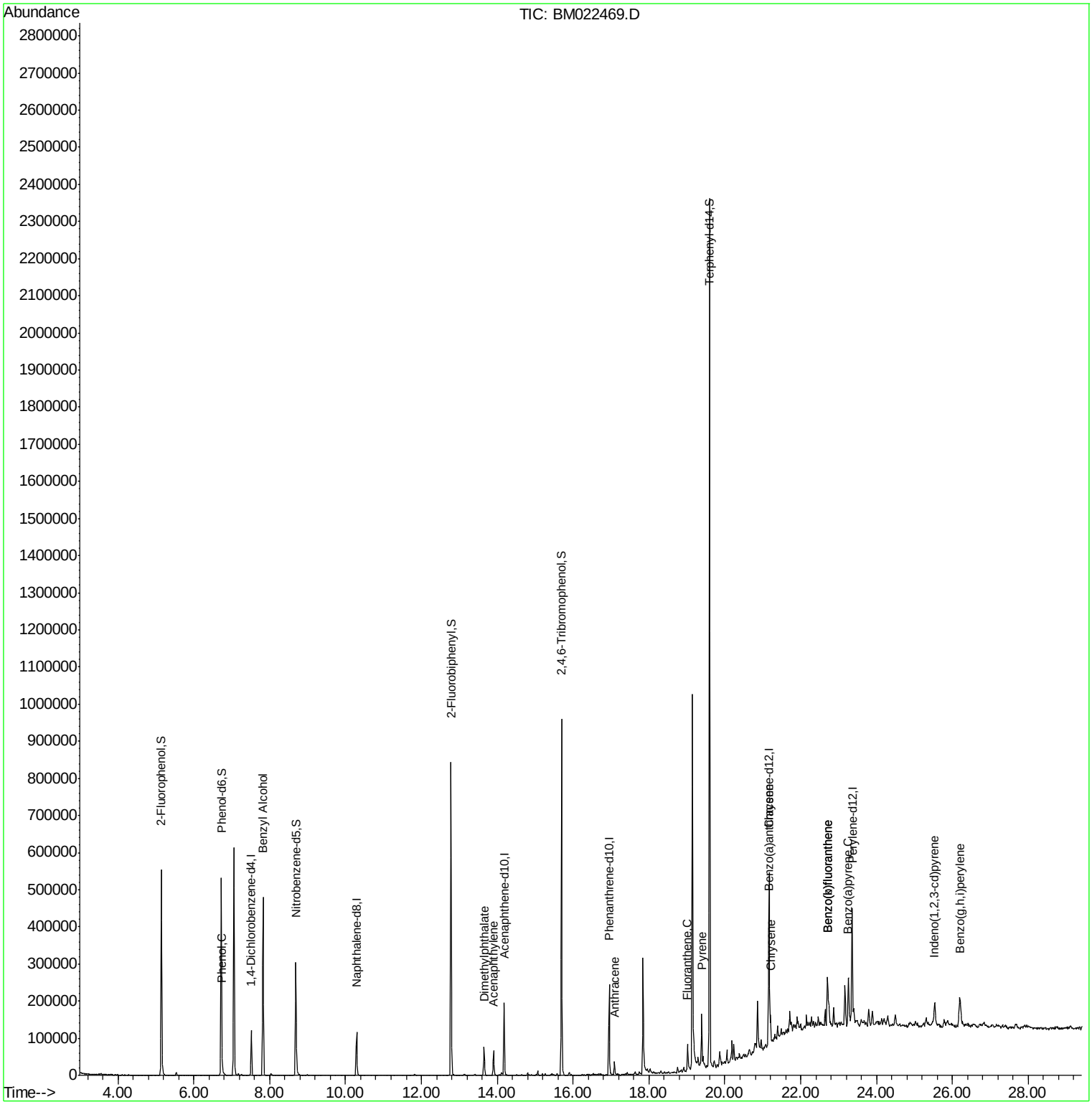
(#) = qualifier out of range (m) = manual integration (+) = signals summed

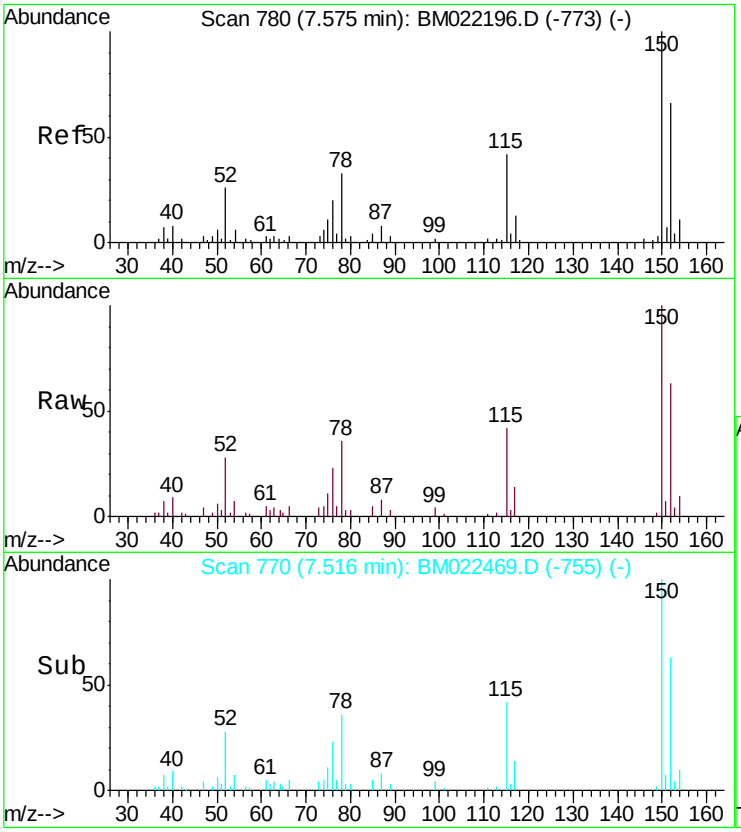
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM083119\
Data File : BM022469.D
Acq On : 31 Aug 2019 13:10
Operator : HP/JU
Sample : K4568-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Quant Time: Aug 31 15:51:05 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



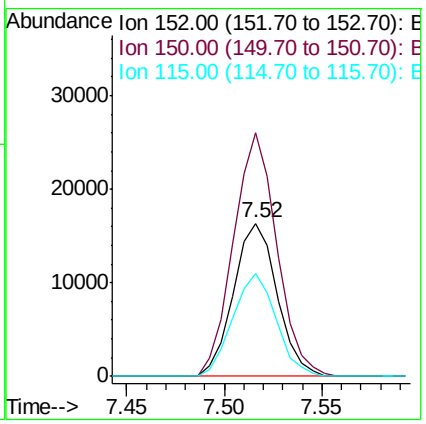


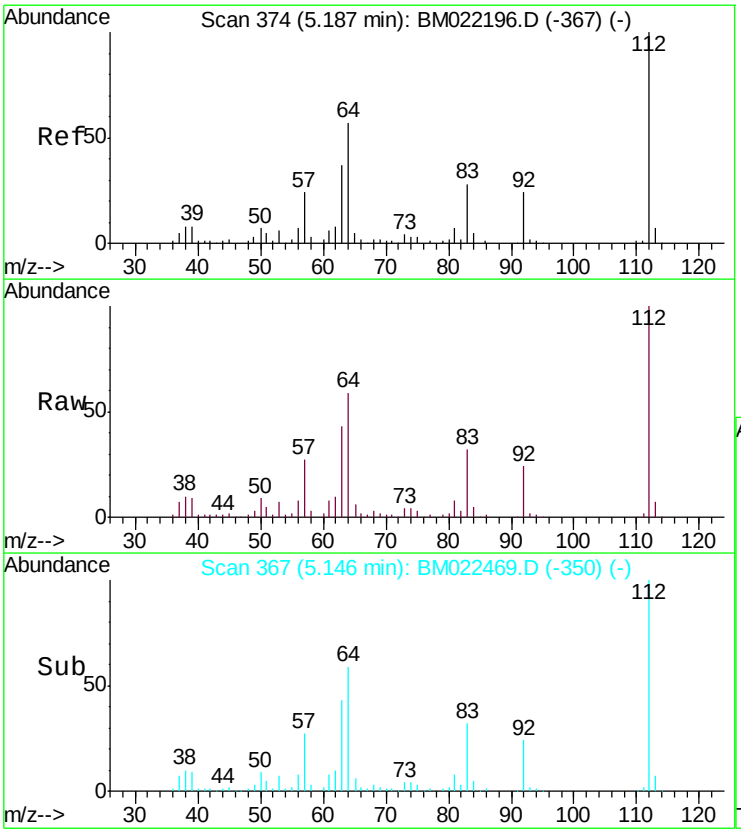
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:152 Resp: 25208

Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.4	188.0
115	67.1	50.3	75.5

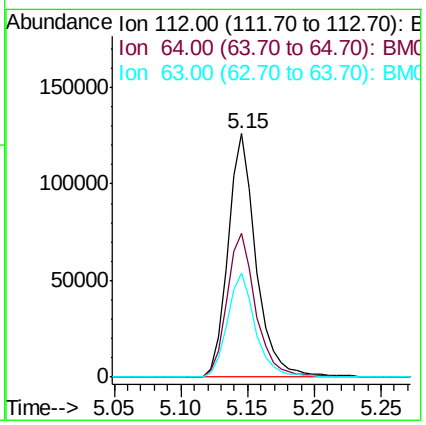


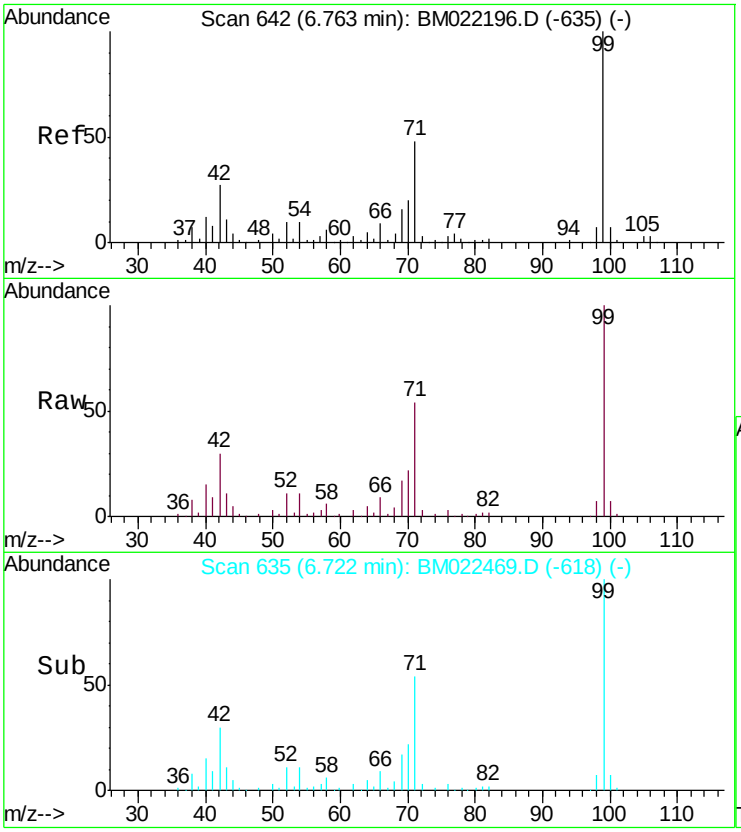


#5
2-Fluorophenol
Concen: 128.925 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:112 Resp: 185147

Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.2
63	42.6	34.5	51.7



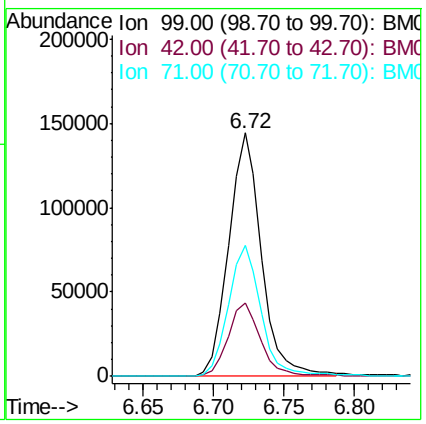


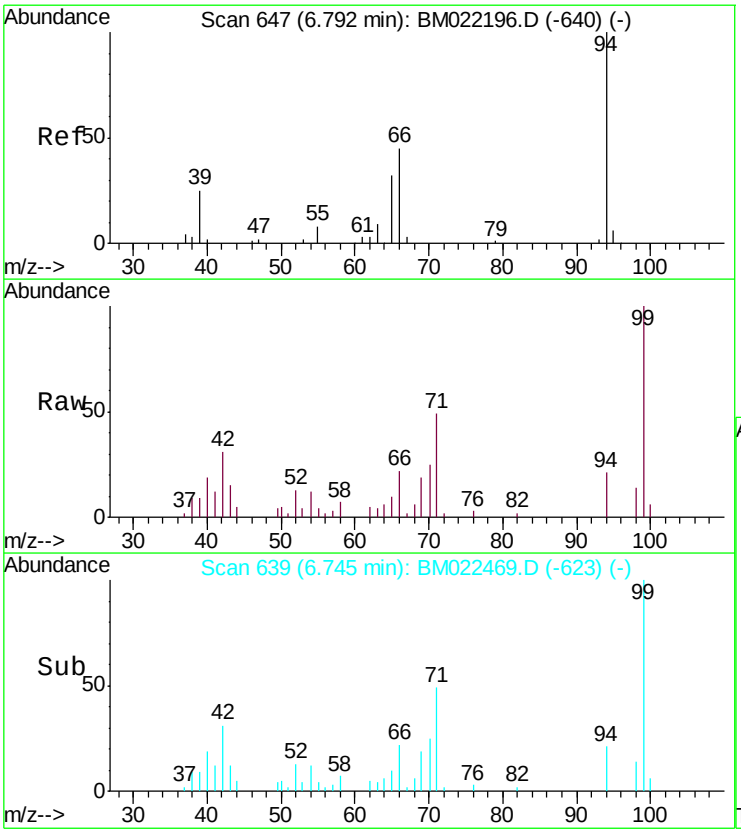
#7
Phenol-d6
Concen: 121.434 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion: 99 Resp: 233205

Ion	Ratio	Lower	Upper
99	100		
42	30.4	26.3	39.5
71	53.8	46.6	69.8

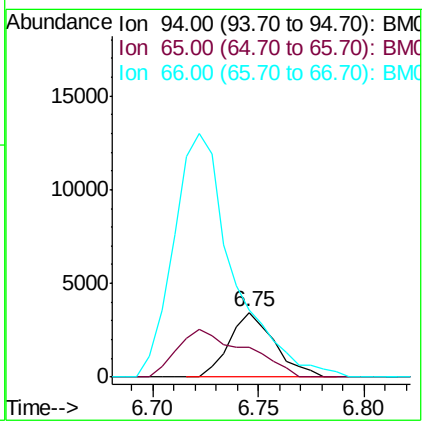


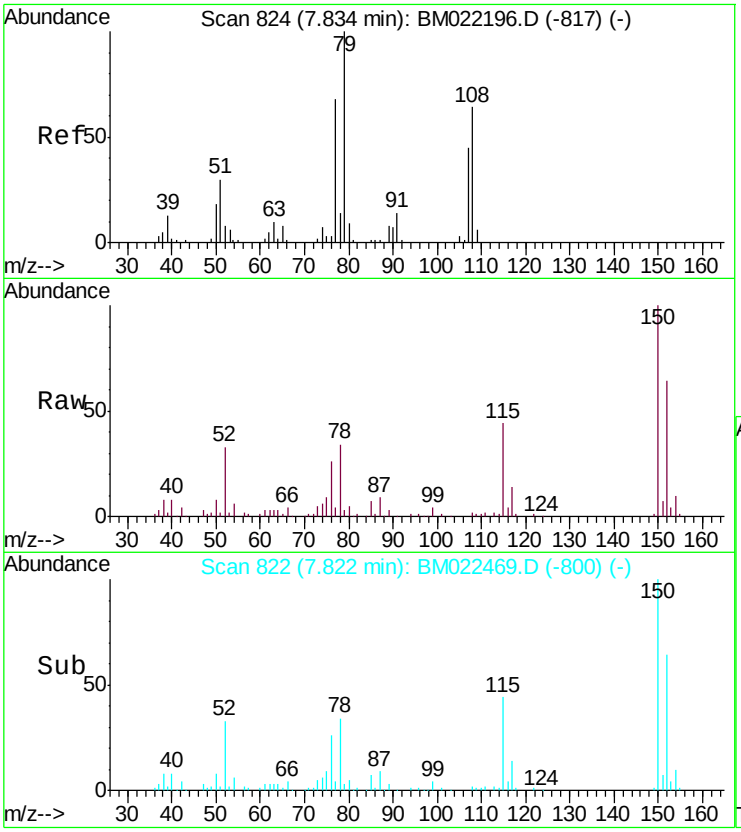


#10
Phenol
Concen: 2.655 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion: 94 Resp: 5123

Ion	Ratio	Lower	Upper
94	100		
65	46.4	17.7	57.7
66	103.4	39.6	79.6#



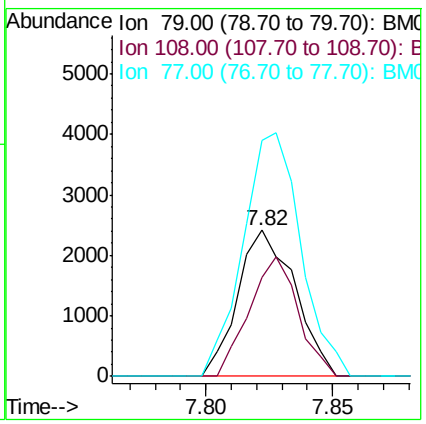


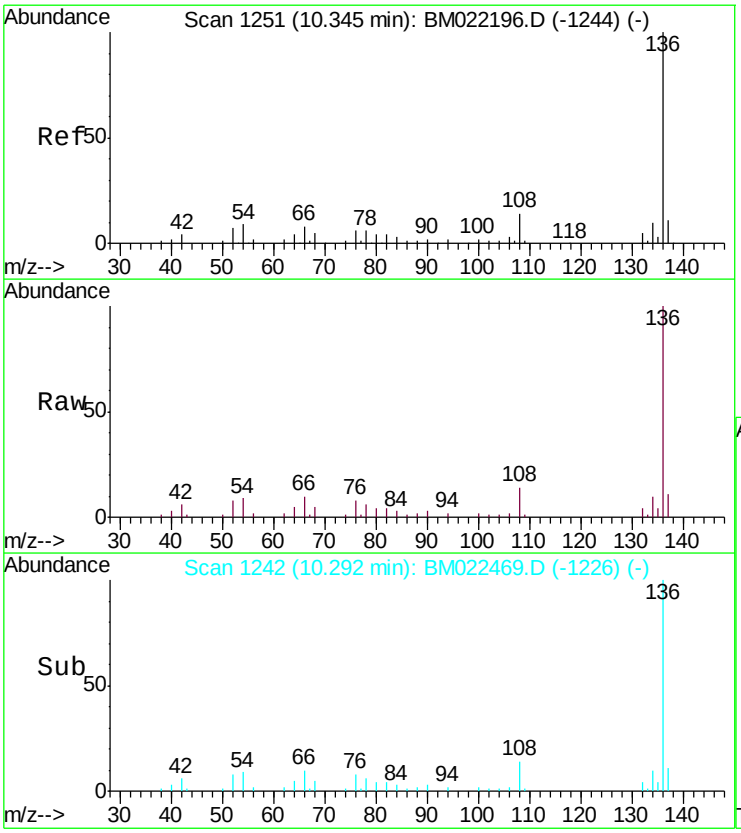
#15
Benzyl Alcohol
Concen: 2.077 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.03 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion: 79 Resp: 3785

Ion	Ratio	Lower	Upper
79	100		
108	68.1	48.2	72.4
77	160.9	56.6	85.0#

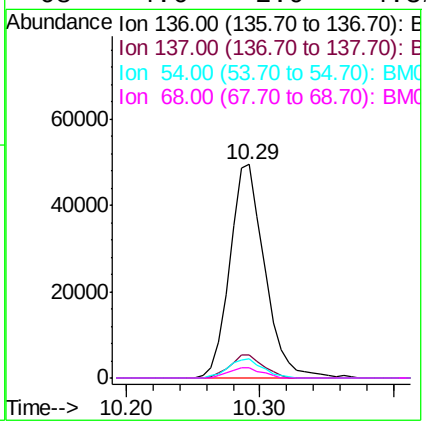


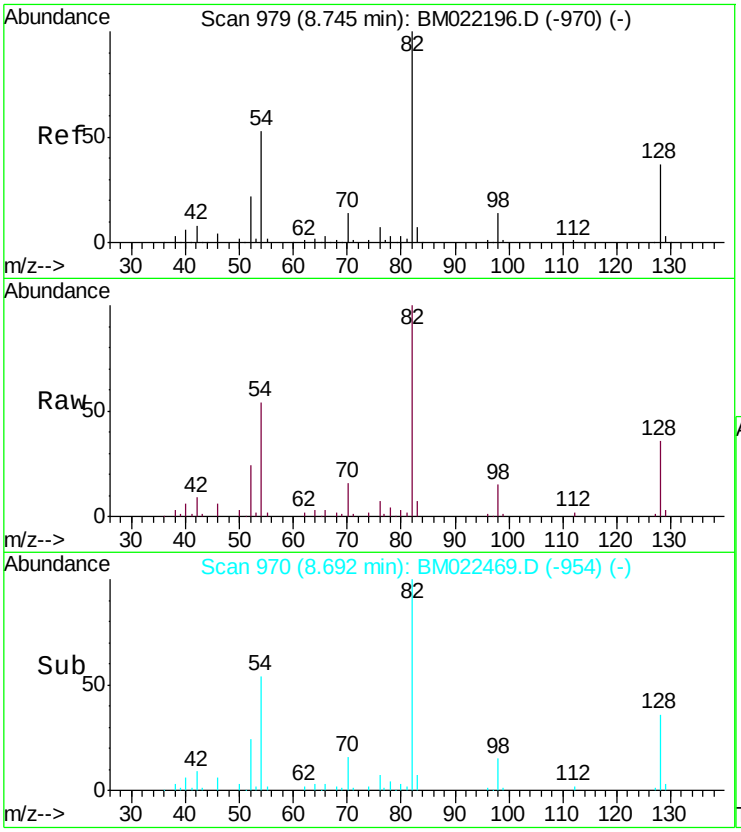


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:136 Resp: 90067

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.0	10.6
68	4.6	2.9	4.3#



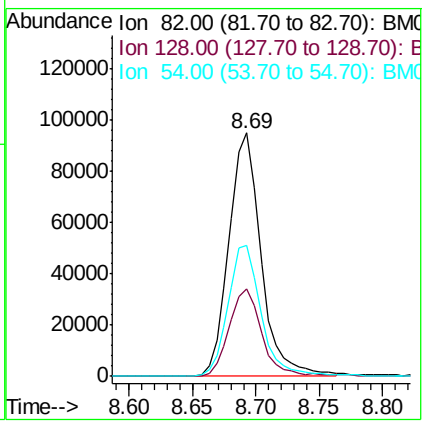


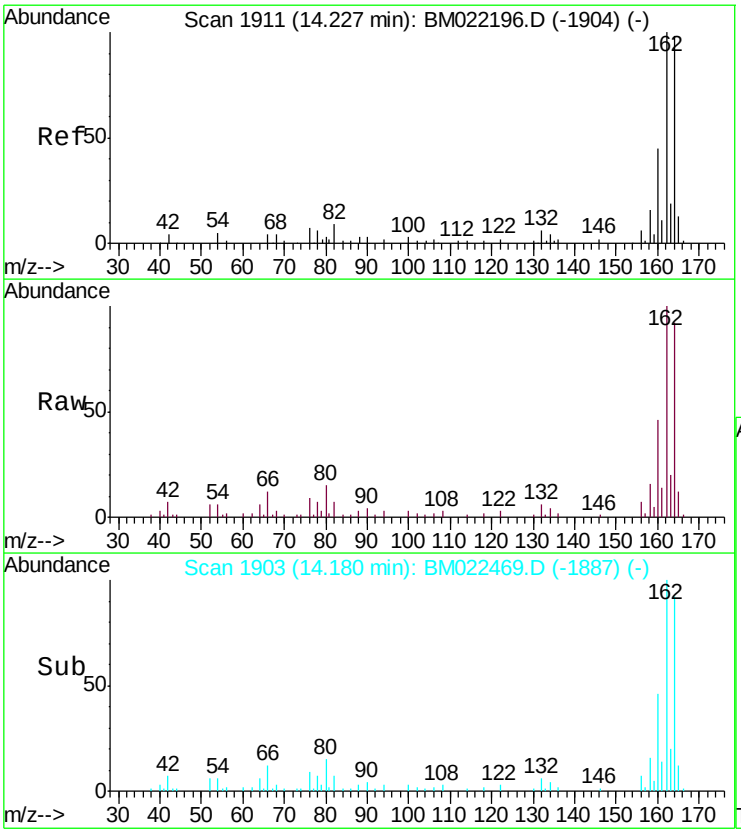
#23
Nitrobenzene-d5
Concen: 81.424 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion: 82 Resp: 167432

Ion	Ratio	Lower	Upper
82	100		
128	35.9	27.9	41.9
54	53.8	45.2	67.8

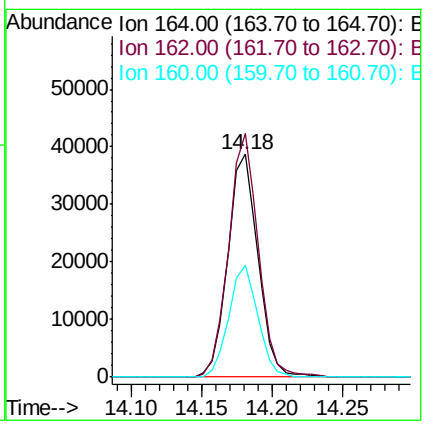


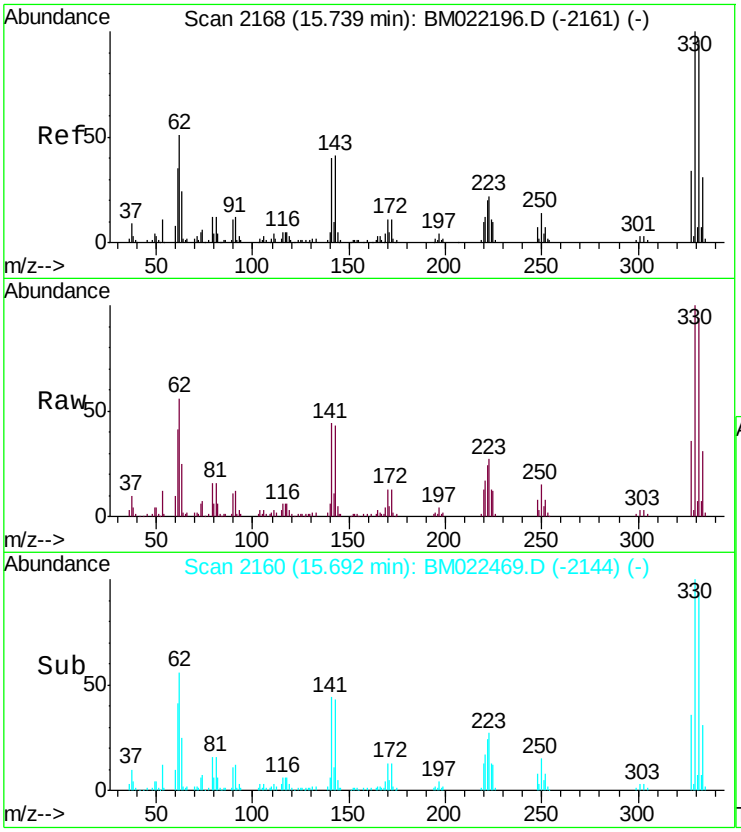


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:164 Resp: 57797

Ion	Ratio	Lower	Upper
164	100		
162	109.2	80.6	121.0
160	50.1	37.3	55.9



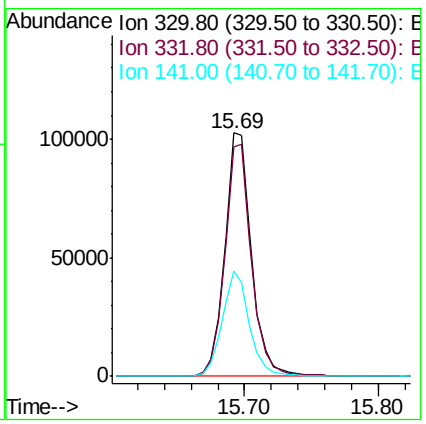


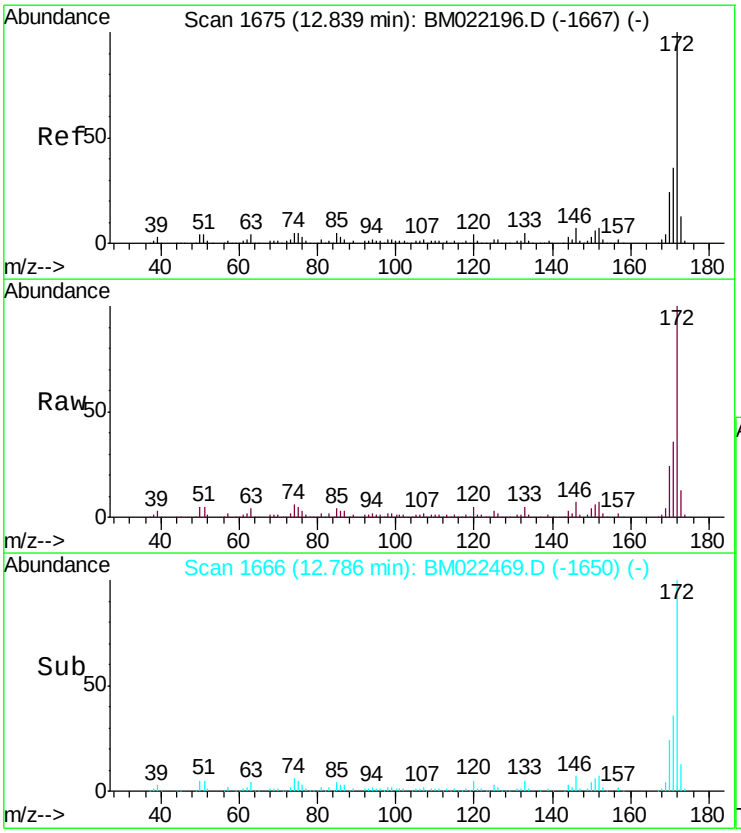
#42
2,4,6-Tribromophenol
Concen: 121.649 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:330 Resp: 143873

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.8	116.8
141	44.2	35.6	53.4

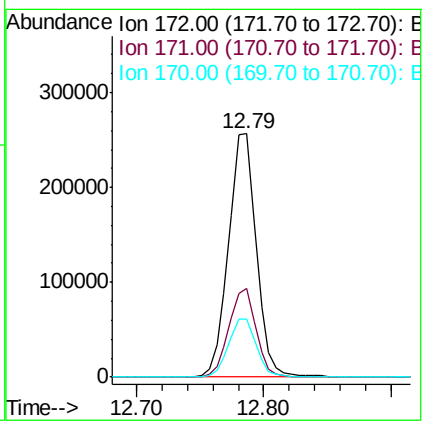


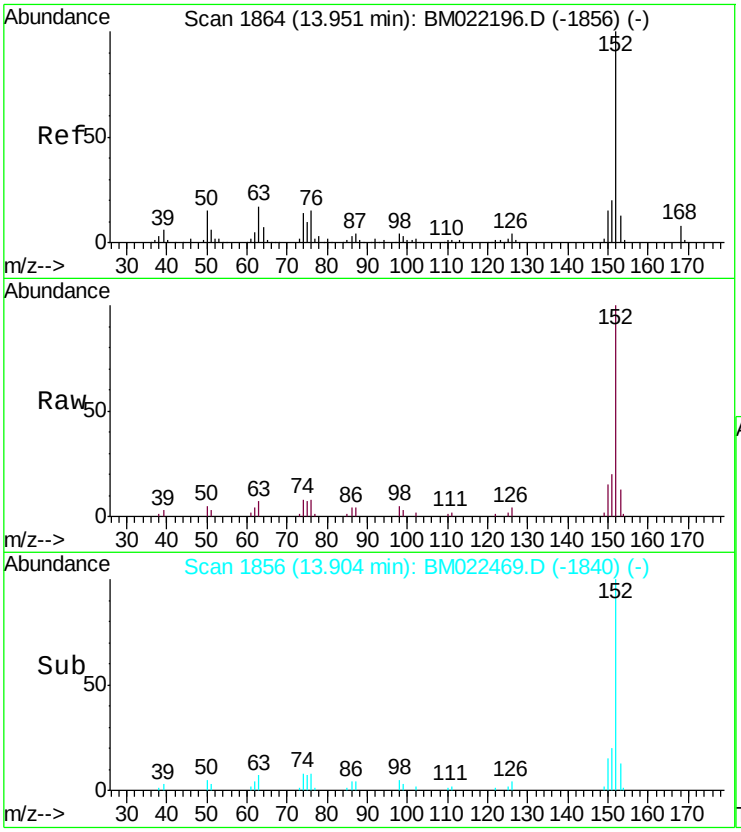


#45
2-Fluorobiphenyl
Concen: 76.253 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:172 Resp: 389037

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.0	18.9	28.3



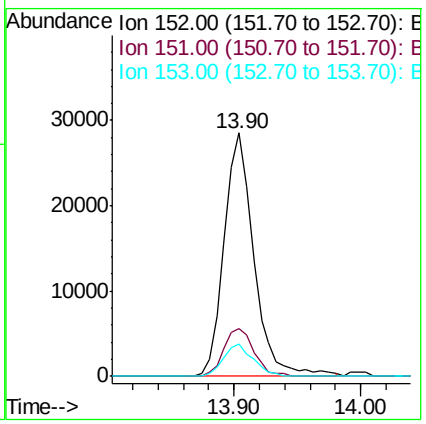


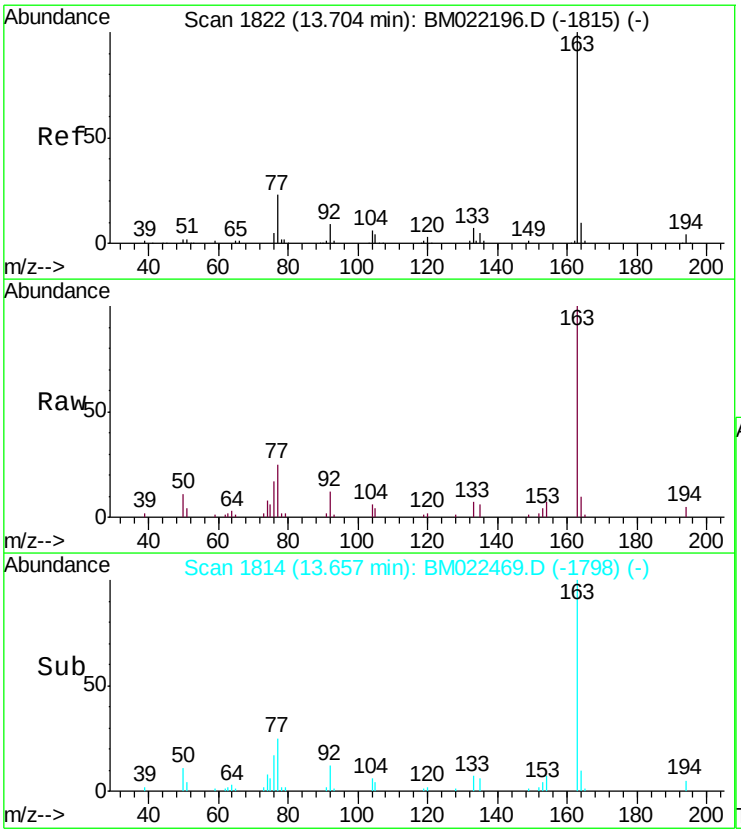
#49
Acenaphthylene
Concen: 8.183 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:152 Resp: 46311

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.9	25.3
153	13.3	10.4	15.6

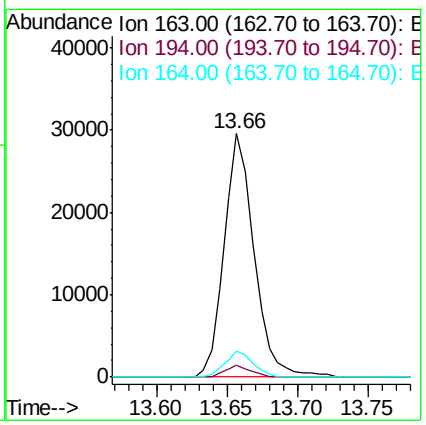


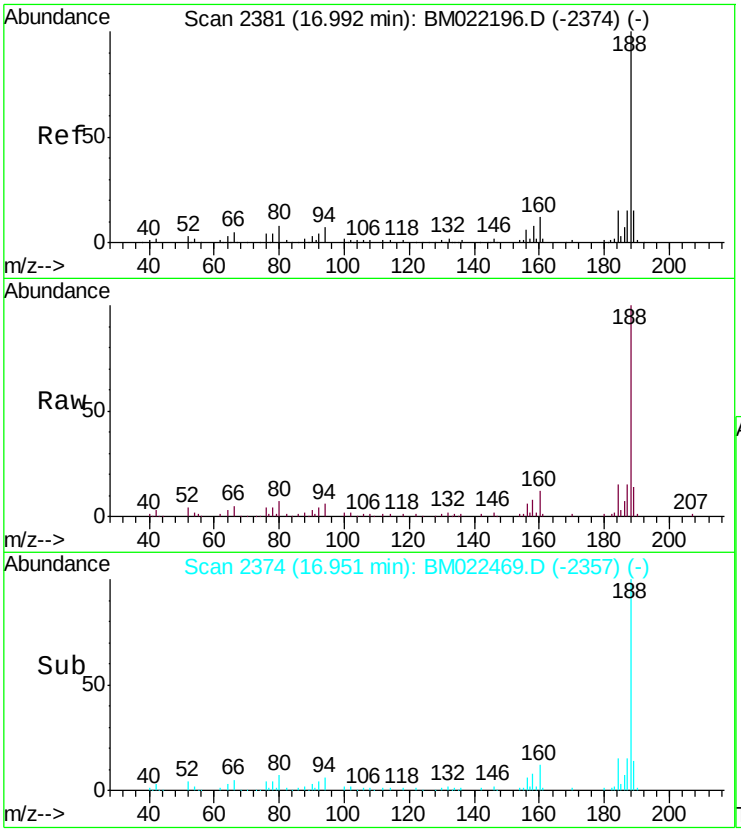


#50
Dimethylphthalate
Concen: 8.696 ng
RT: 13.66 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:163 Resp: 43712

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.4	8.2	12.2



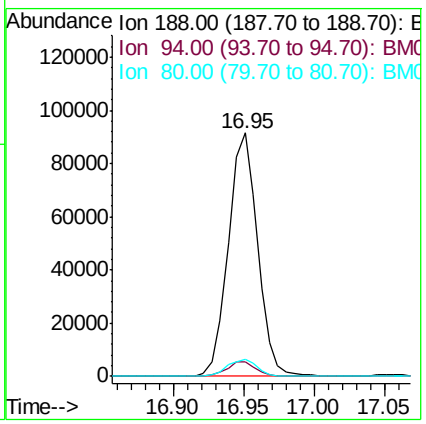


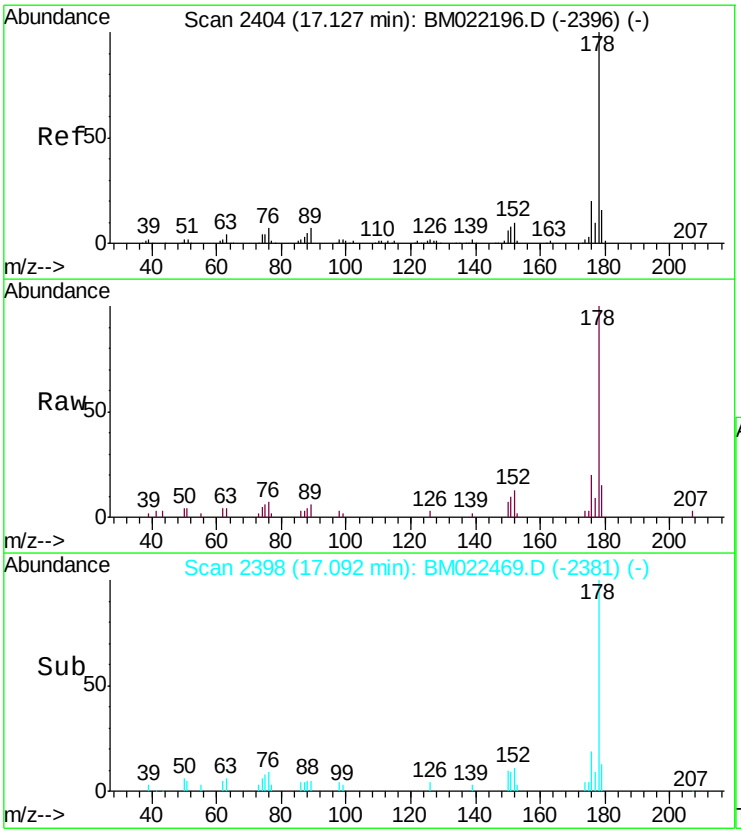
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:188 Resp: 132189

Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.4	6.6
80	7.2	5.0	7.6

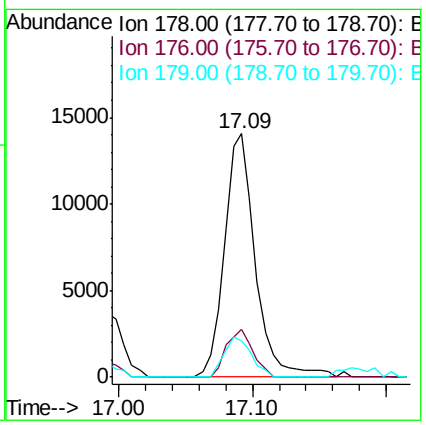


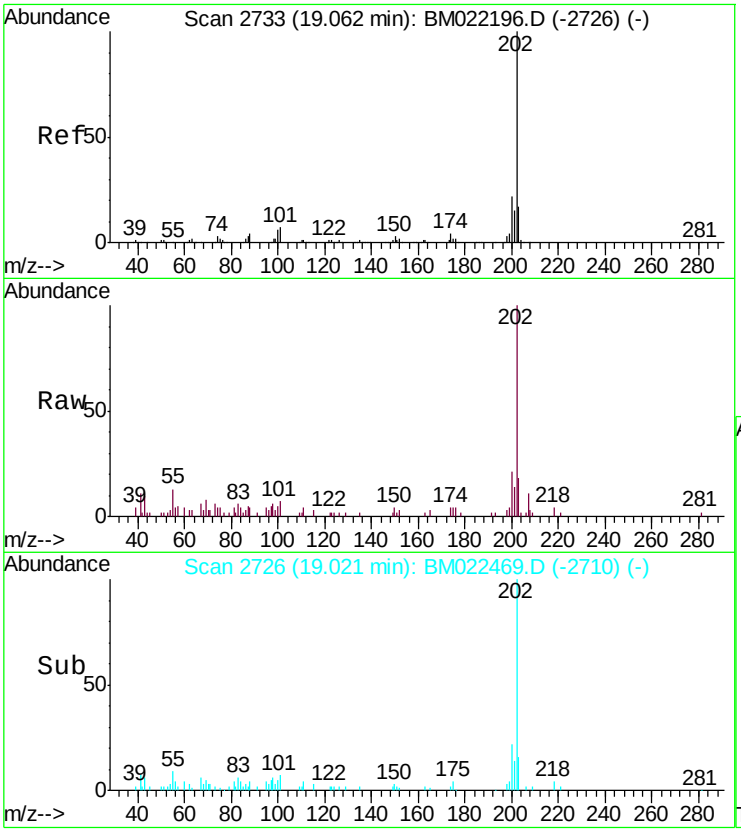


#72
Anthracene
Concen: 3.001 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:178 Resp: 22750

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	14.6	11.8	17.6



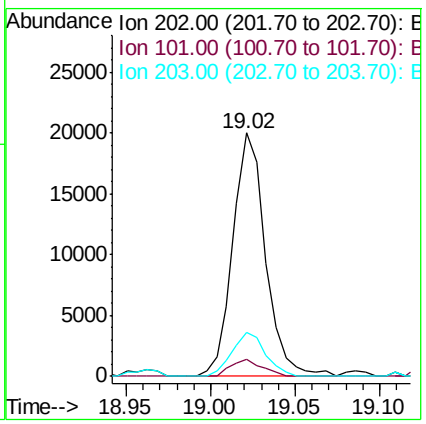


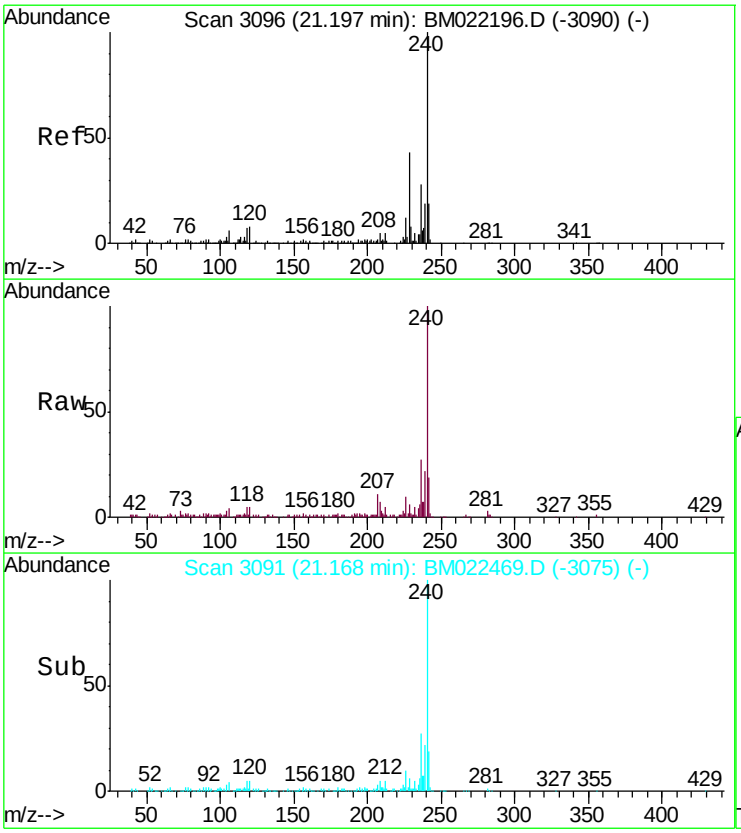
#75
Fluoranthene
Concen: 2.630 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:202 Resp: 26987

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	25.1
203	18.0	0.0	37.1

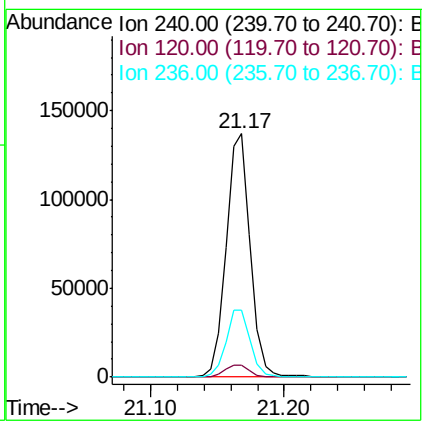


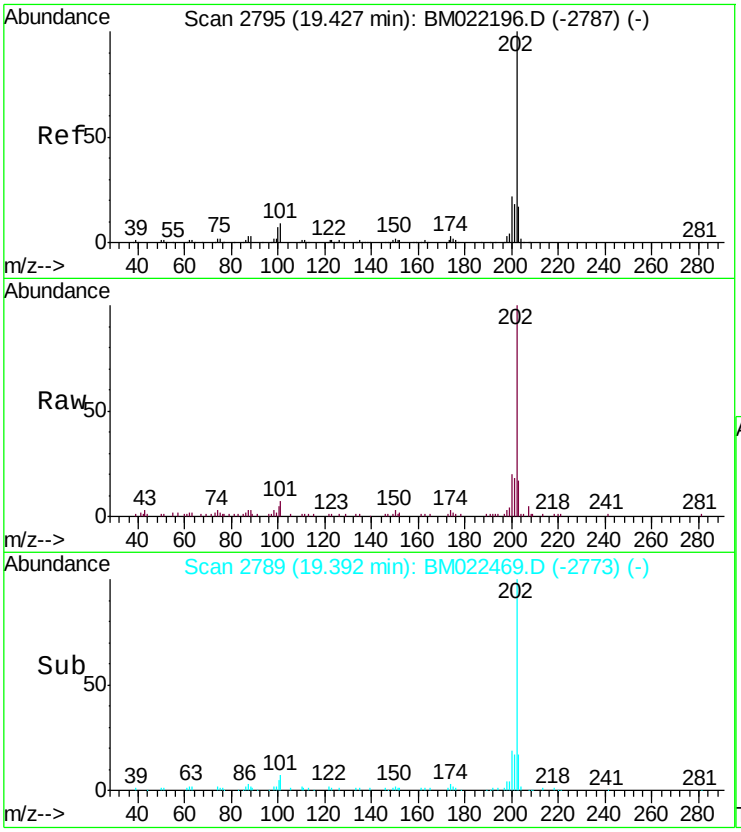


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:240 Resp: 173203

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.9	5.9
236	27.5	21.4	32.2



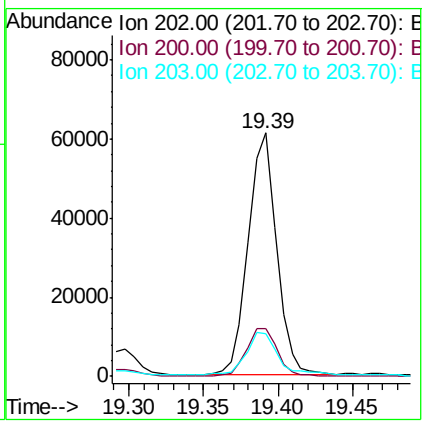


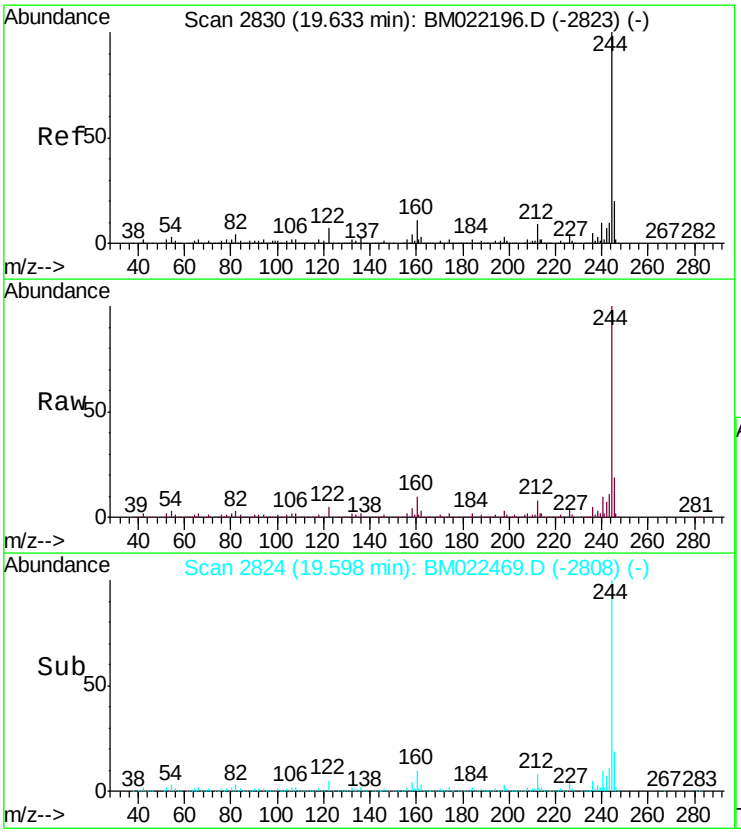
#78
Pyrene
Concen: 6.825 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:202 Resp: 80563

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.7	26.5
203	17.3	13.8	20.8

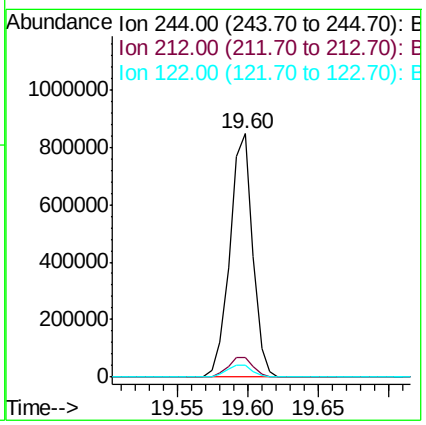


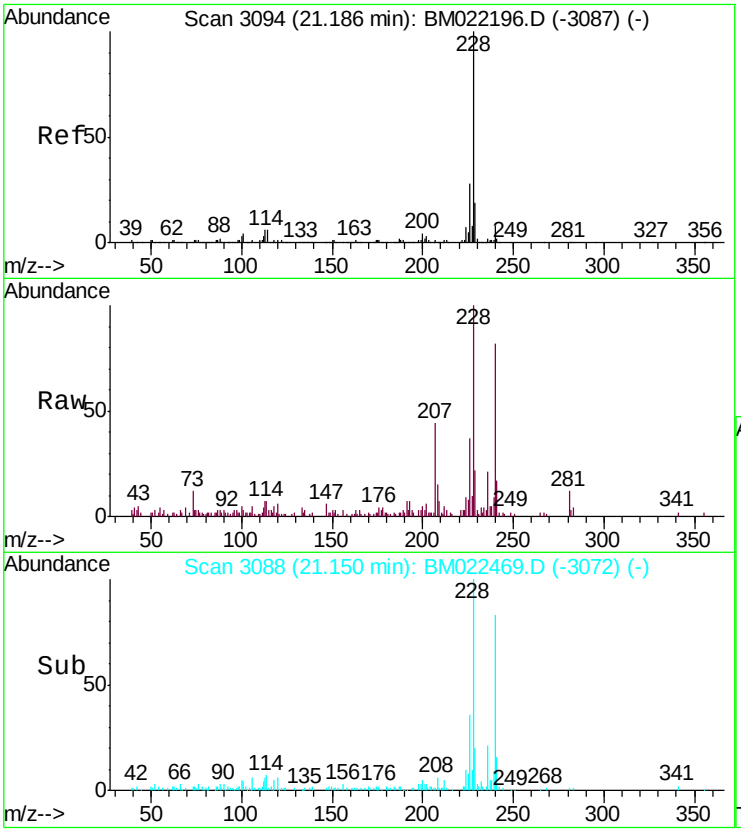


#79
Terphenyl-d14
Concen: 72.485 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:244 Resp: 951287

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	4.7	3.9	5.9



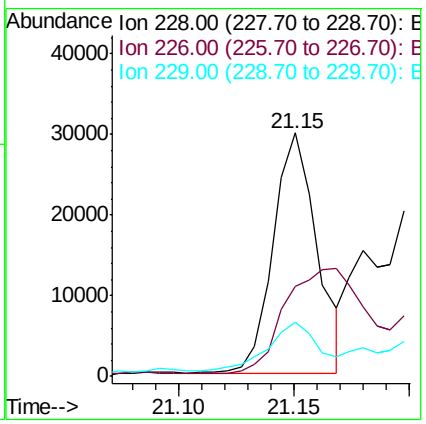


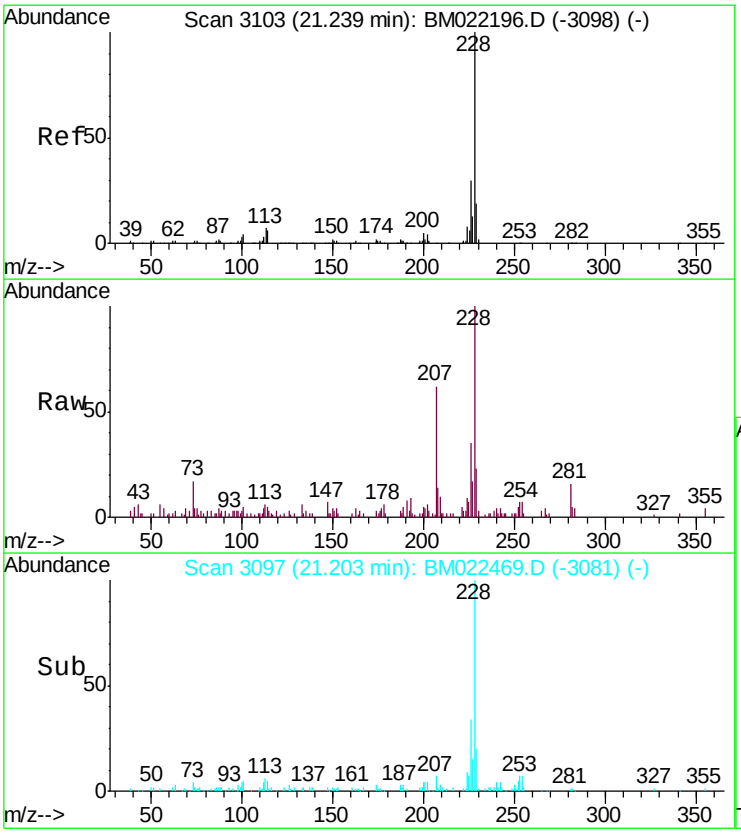
#81
Benzo(a)anthracene
Concen: 3.160 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:228 Resp: 39285

Ion	Ratio	Lower	Upper
228	100		
226	36.7	22.6	34.0#
229	22.2	15.9	23.9

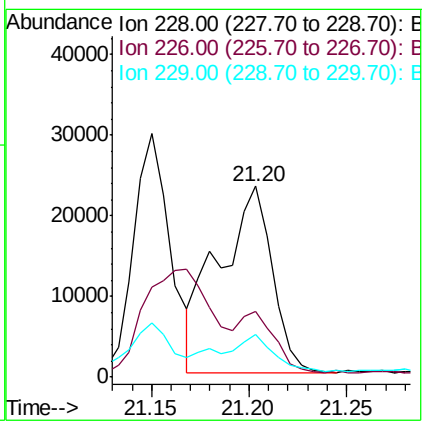


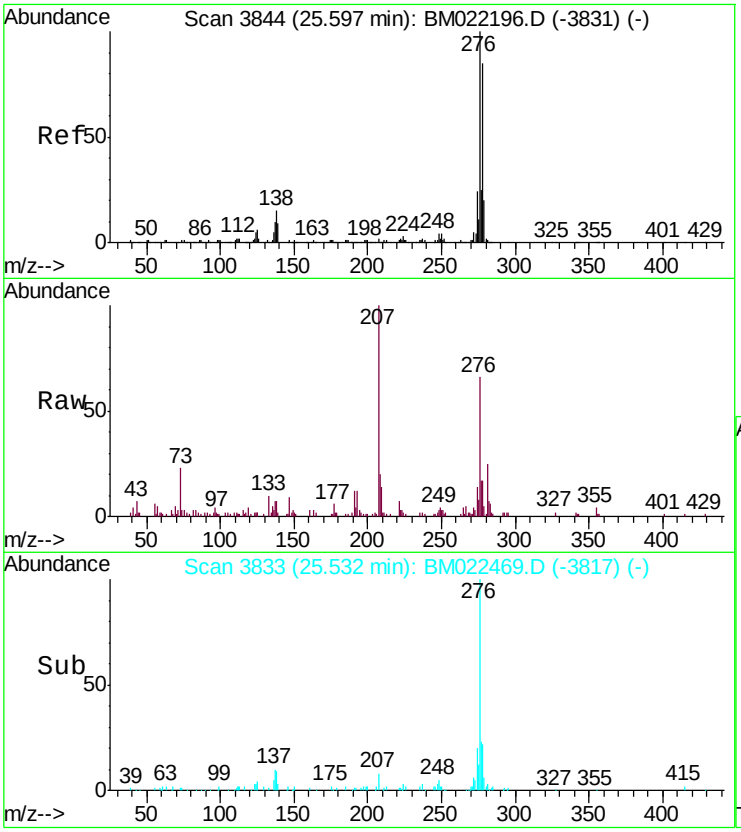


#83
Chrysene
Concen: 3.742 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:228 Resp: 44283

Ion	Ratio	Lower	Upper
228	100		
226	34.7	24.5	36.7
229	22.7	15.7	23.5



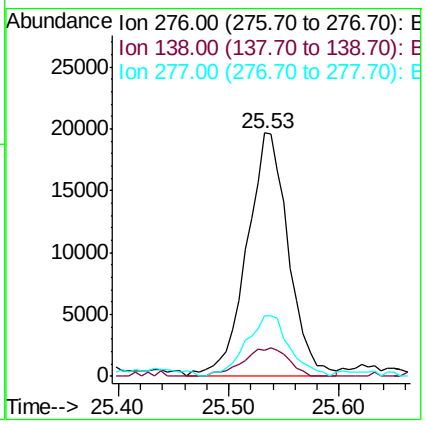


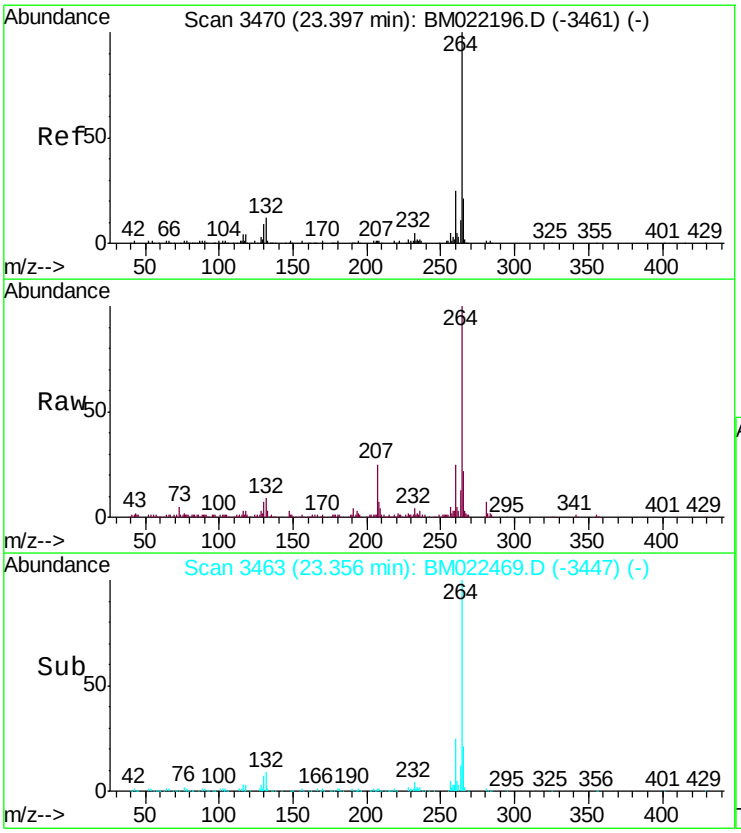
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.359 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:276 Resp: 51880

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.1	13.7
277	26.0	20.0	30.0

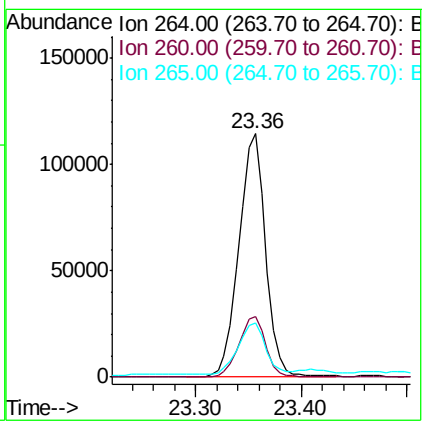


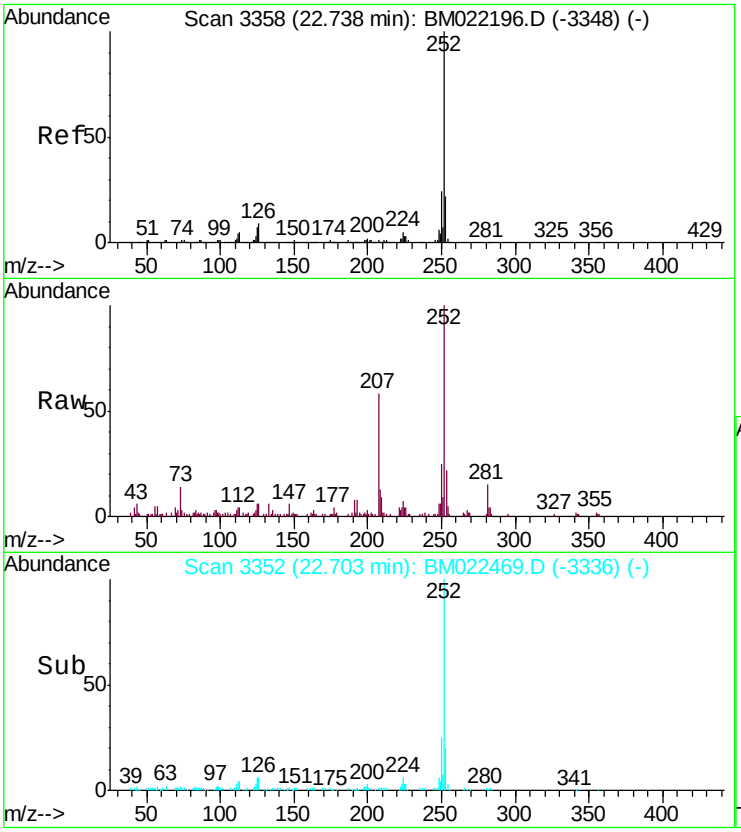


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:264 Resp: 201166

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.2
265	22.1	18.2	27.2



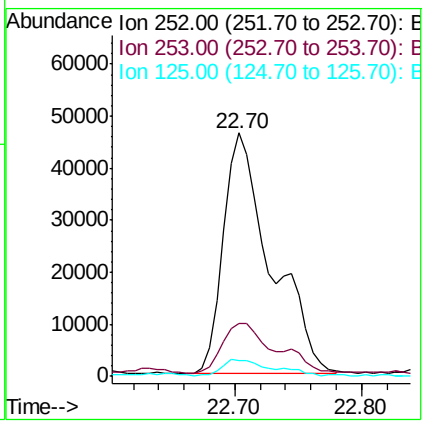


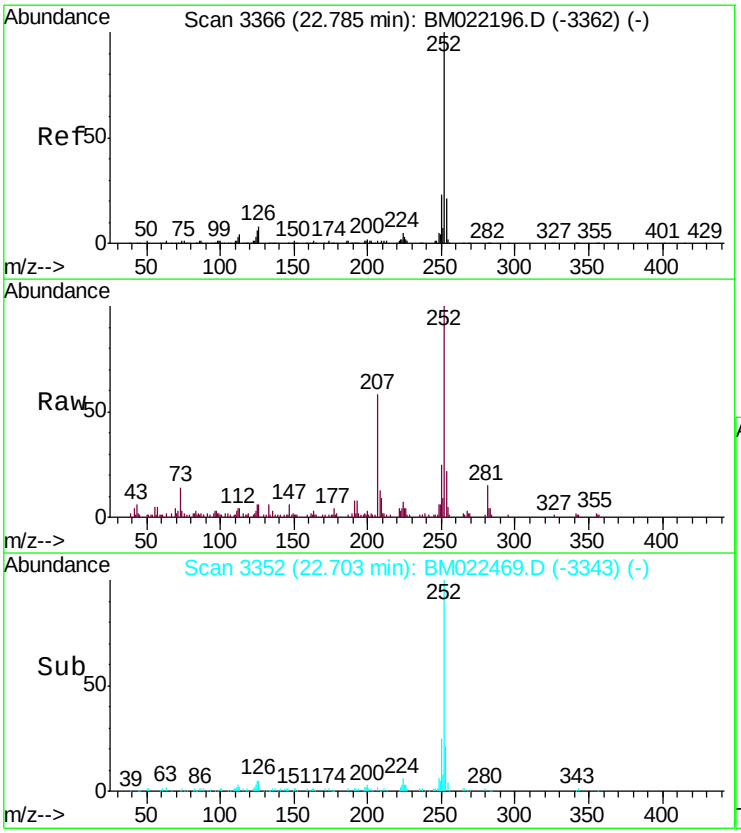
#88
Benzo(b)fluoranthene
Concen: 8.606 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:252 Resp: 120272

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	6.4	3.5	5.3#

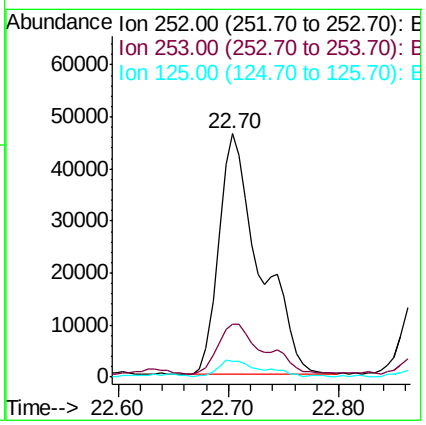


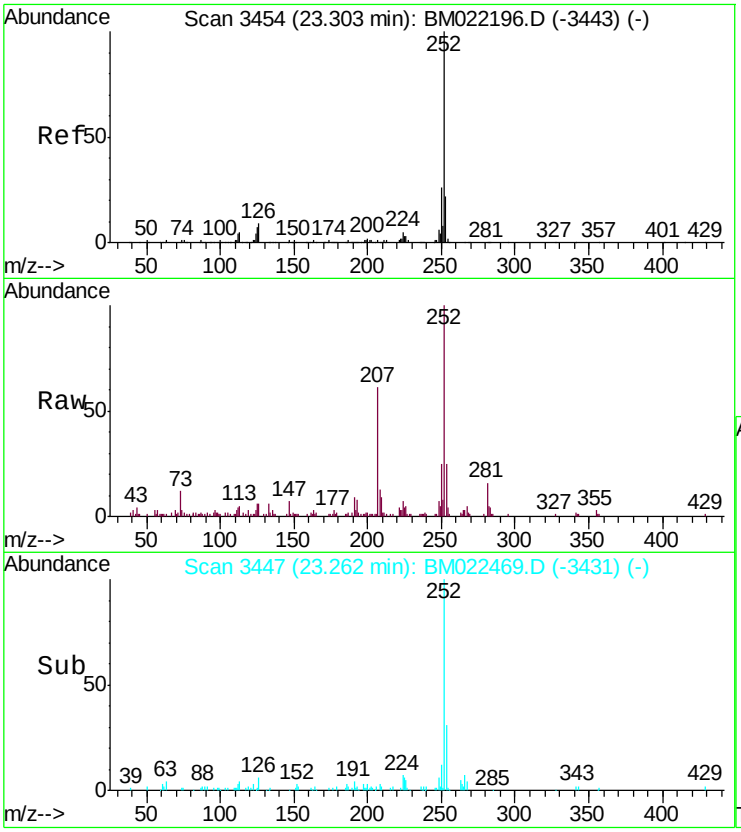


#89
Benzo(k)fluoranthene
Concen: 8.693 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.05 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:252 Resp: 120512

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	6.4	3.7	5.5#



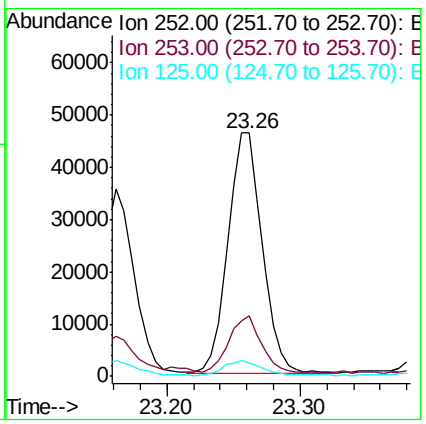


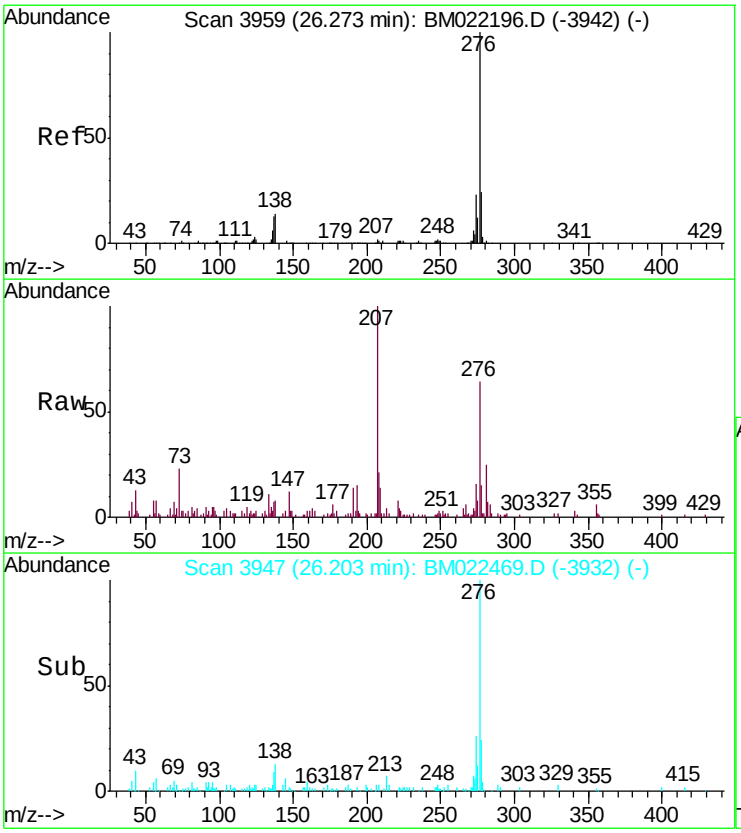
#90
Benzo(a)pyrene
Concen: 6.584 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Instrument :
BNA_M
ClientSampleId :
SB-36-COMP

Tgt Ion:252 Resp: 81673

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	5.6	3.8	5.8





#92
Benzo(g,h,i)perylene
Concen: 4.668 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.01 min
Lab File: BM022469.D
Acq: 31 Aug 2019 13:10

Tgt Ion:276 Resp: 50327

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	12.3	8.8	13.2