Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016671.D
Acq On : 05 Sep 2018 14:53
Operator : SJ/JU
Sample : J4764-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SPRE

Quant Time: Sep 05 17:13:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:42:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	60822	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	209245	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	134309	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	442174	20.00	ng		0.00
75) Chrysene-d12	21.50	240	754521	20.00	ng		0.00
86) Perylene-d12	23.77	264	995126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	109671	35.33	ng		0.00
7) Phenol-d6	7.15	99	209945	51.12	ng		0.00
23) Nitrobenzene-d5	9.16	82	189407	41.33	ng		0.00
41) 2,4,6-Tribromophenol	16.11	330	82585	22.00	ng		0.00
44) 2-Fluorobiphenyl	13.22	172	453113	32.43	ng		0.00
78) Terphenyl-d14	19.94	244	1285795	36.07	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.07	163	122955	9.529	ng	#	97
74) Fluoranthene	19.41	202	154172	4.601	ng		93
77) Pyrene	19.77	202	147355	3.594	ng		98
80) Benzo(a)anthracene	21.49	228	107351	2.420	ng		98
82) Chrysene	21.54	228	93234	2.203	ng		96
87) Benzo(b)fluoranthene	23.10	252	173623	3.027	ng	#	90
89) Benzo(a)pyrene	23.69	252	113579	2.035	ng	#	83

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

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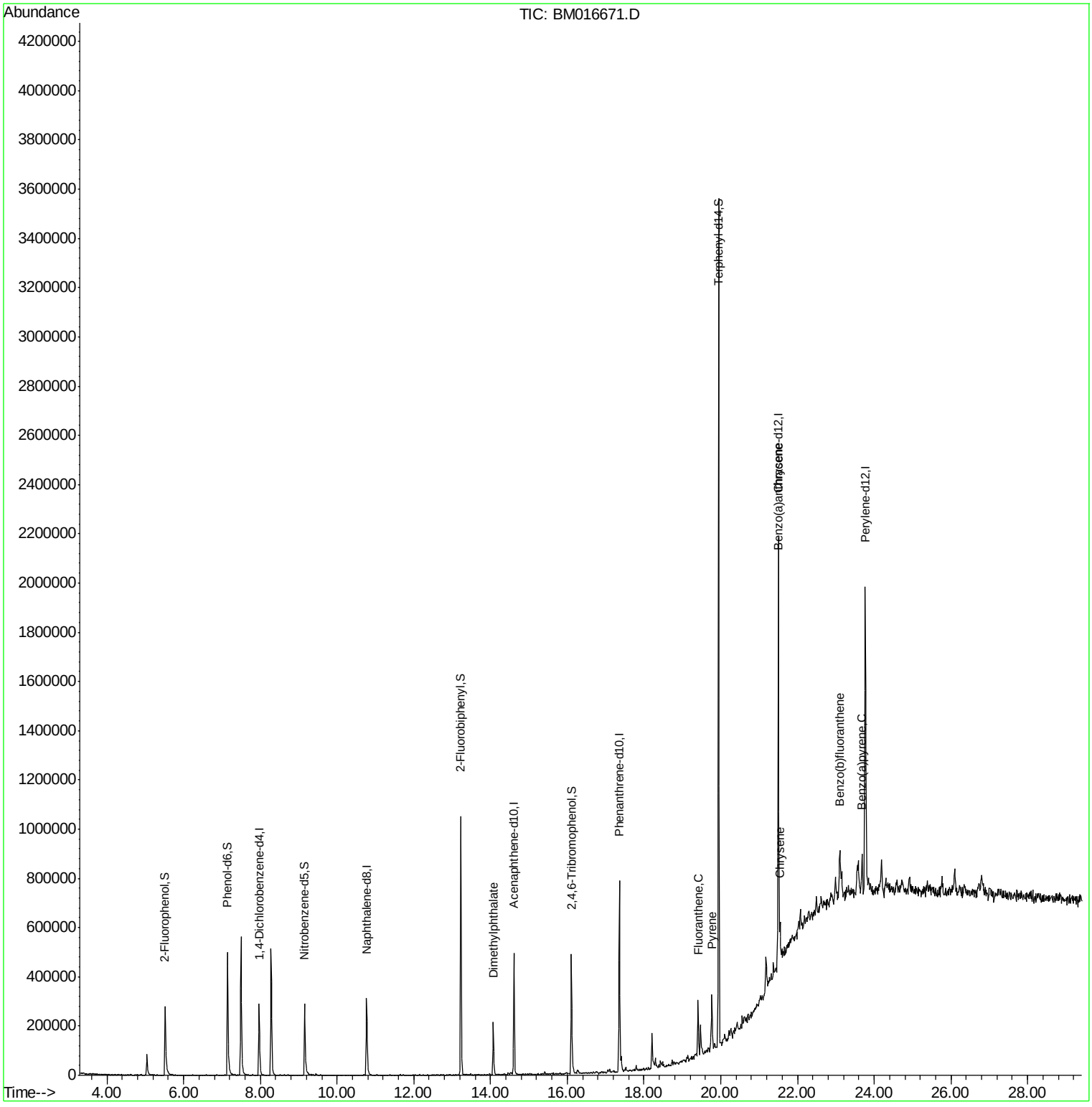
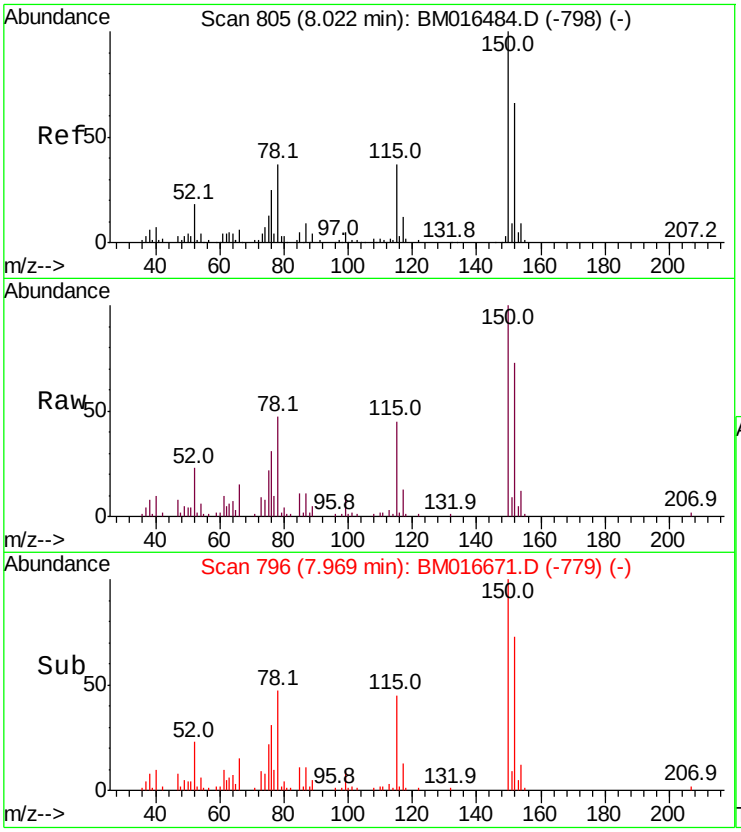


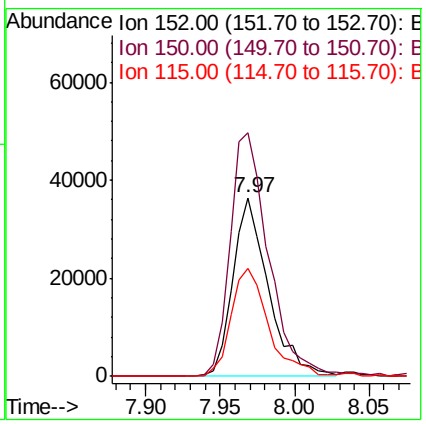


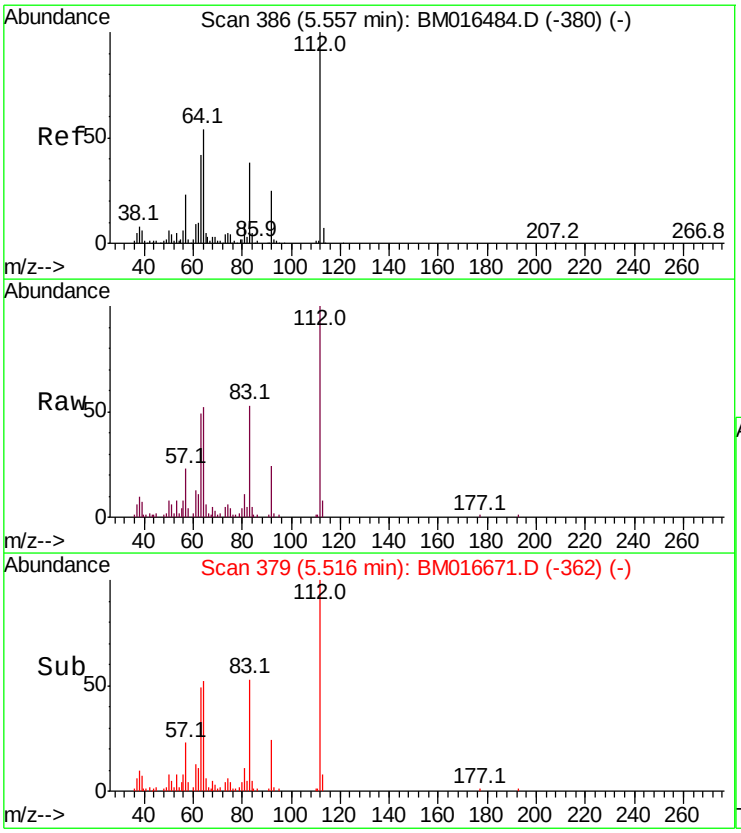
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 796
Delta R.T. 0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:152 Resp: 60822

Ion	Ratio	Lower	Upper
152	100		
150	136.2	119.5	179.3
115	60.7	43.0	64.4

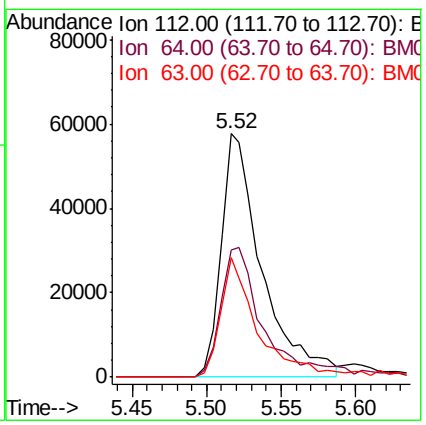


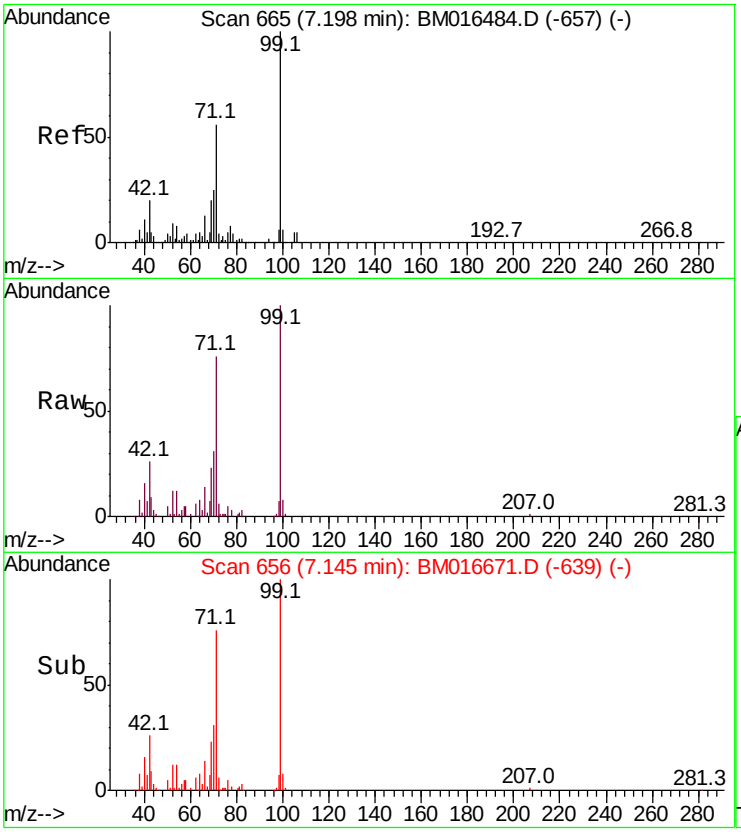


#5
2-Fluorophenol
Concen: 35.334 ng
RT: 5.52 min Scan# 379
Delta R.T. -0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:112 Resp: 109671

Ion	Ratio	Lower	Upper
112	100		
64	52.4	38.6	57.8
63	49.3	19.3	28.9#



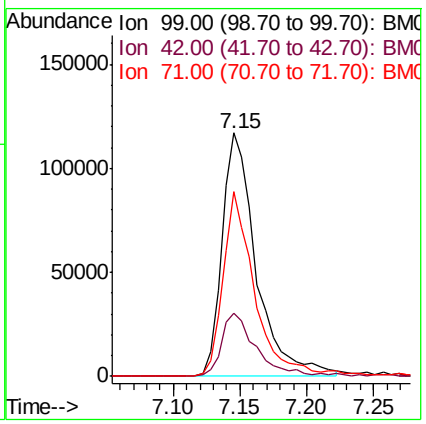


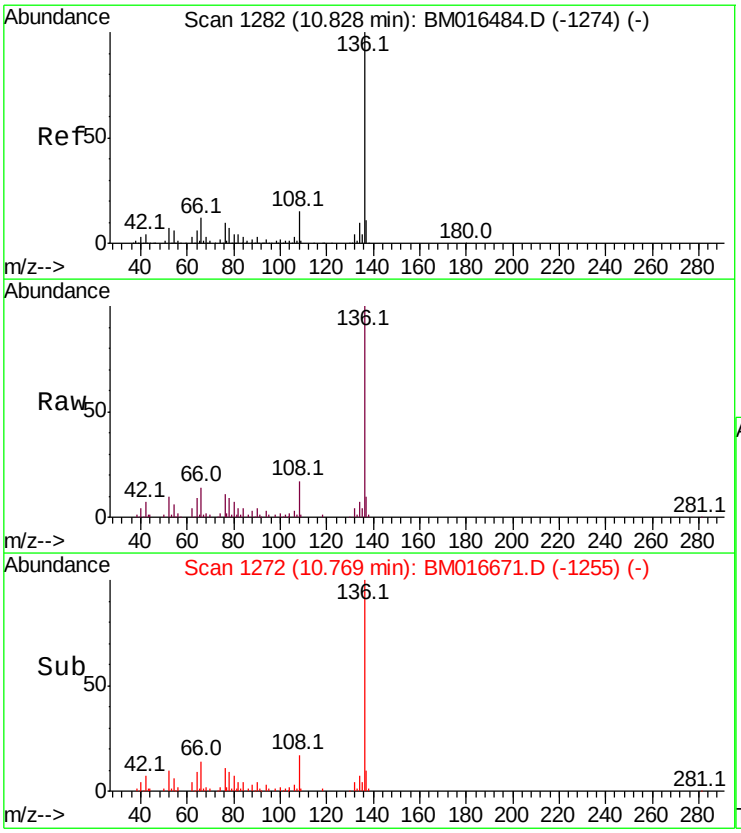
#7
Phenol-d6
Concen: 51.116 ng
RT: 7.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion: 99 Resp: 209945

Ion	Ratio	Lower	Upper
99	100		
42	26.1	11.0	16.4#
71	75.7	23.4	35.2#

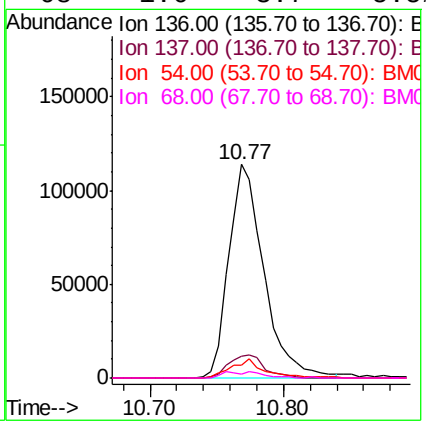


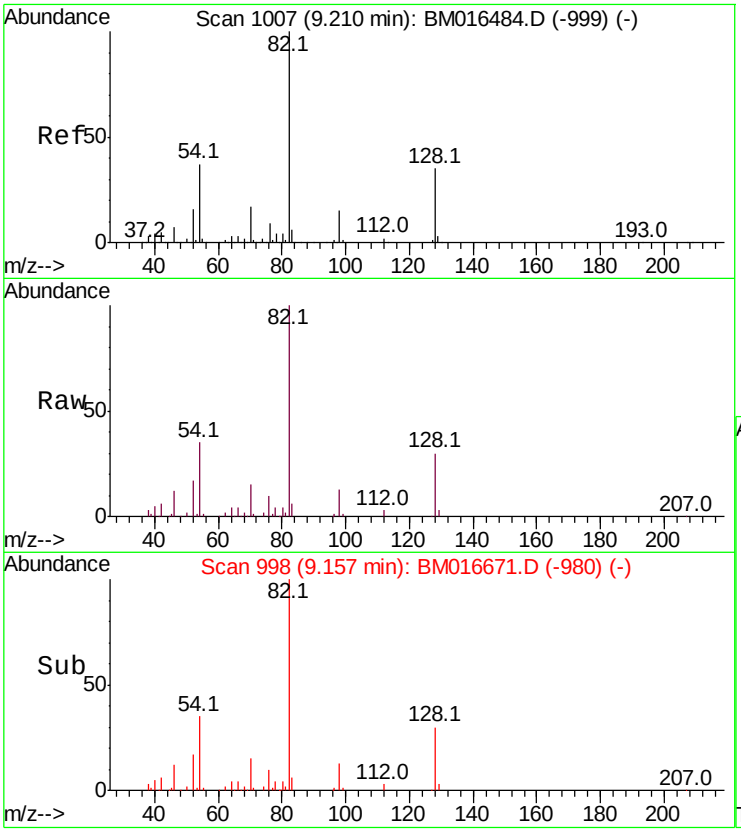


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:136 Resp: 209245

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	6.2	4.6	6.8
68	1.6	3.7	5.5#



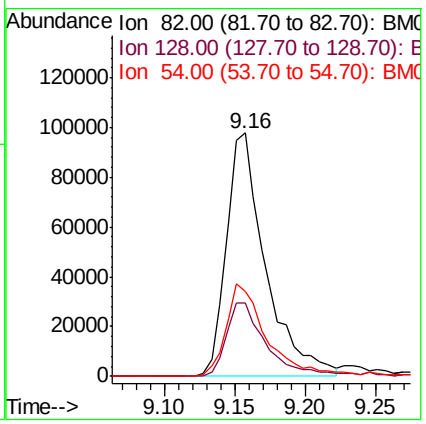


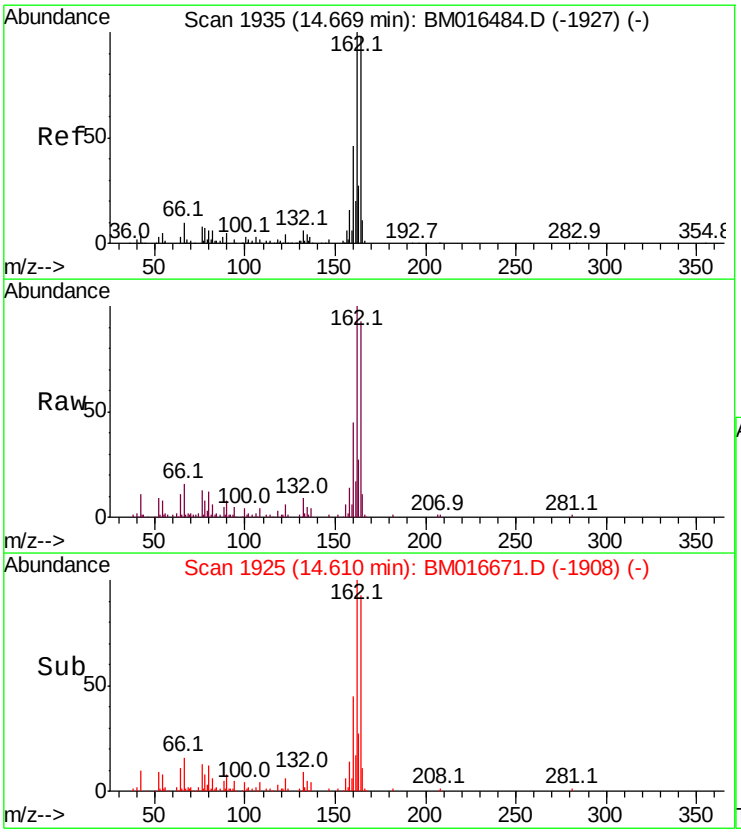
#23
Nitrobenzene-d5
Concen: 41.330 ng
RT: 9.16 min Scan# 998
Delta R.T. 0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion: 82 Resp: 189407

Ion	Ratio	Lower	Upper
82	100		
128	30.2	32.8	49.2#
54	34.8	40.6	60.8#

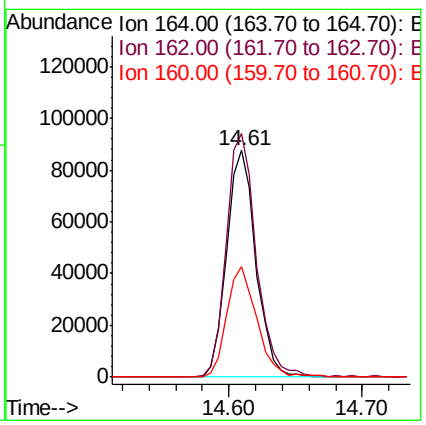


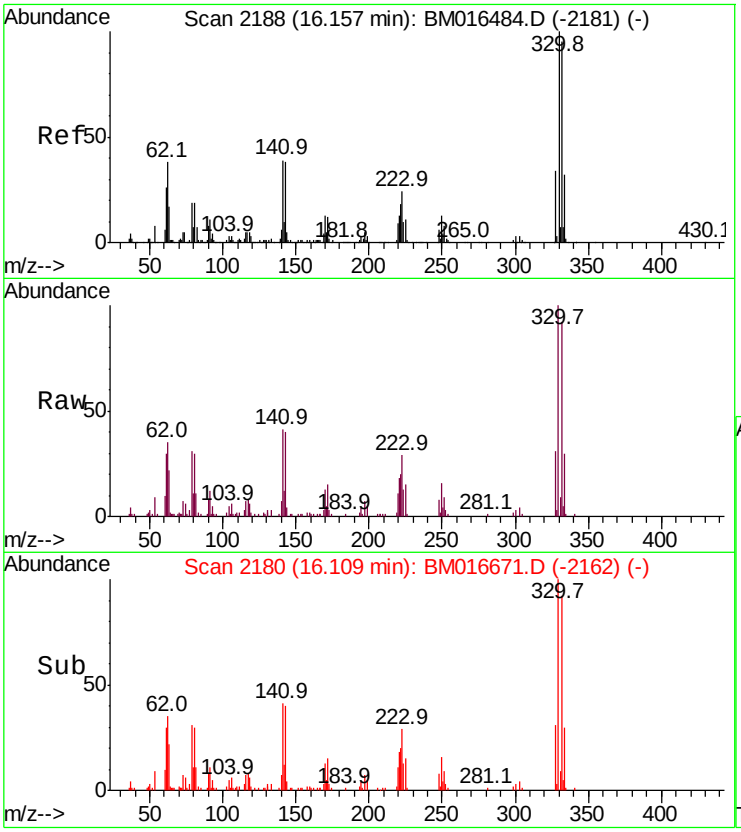


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:164 Resp: 134309

Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.4	123.6
160	48.9	35.8	53.6



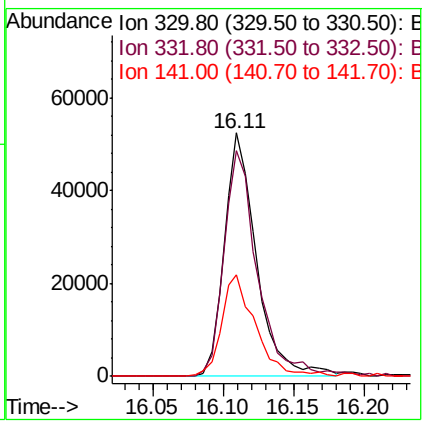


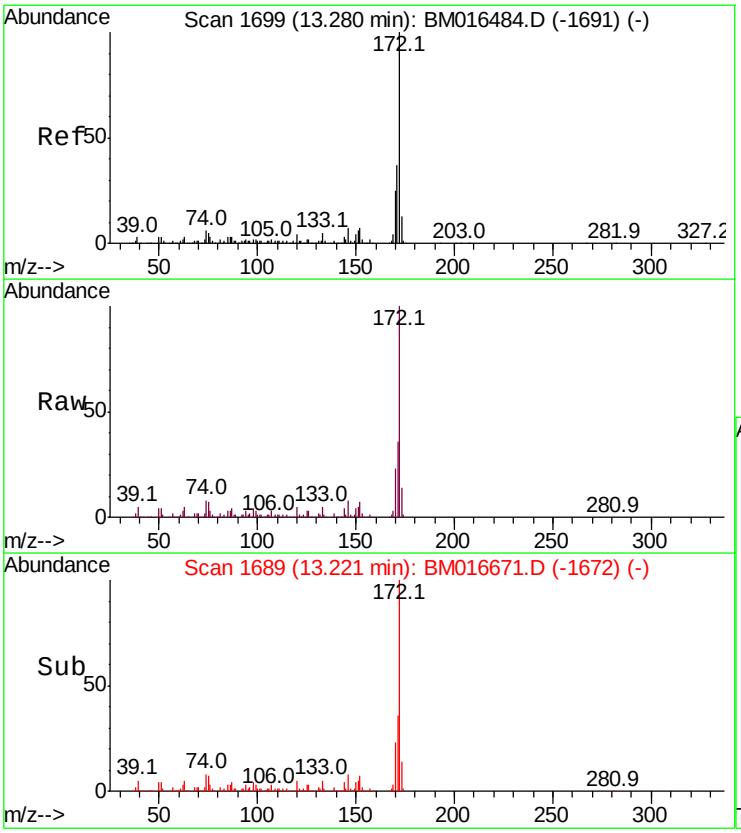
#41
2,4,6-Tribromophenol
Concen: 21.996 ng
RT: 16.11 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:330 Resp: 82585

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	44.0	0.0	0.0#

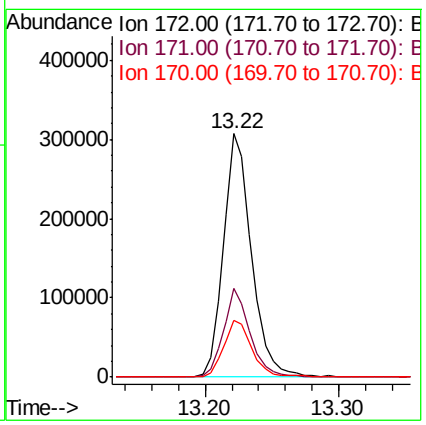


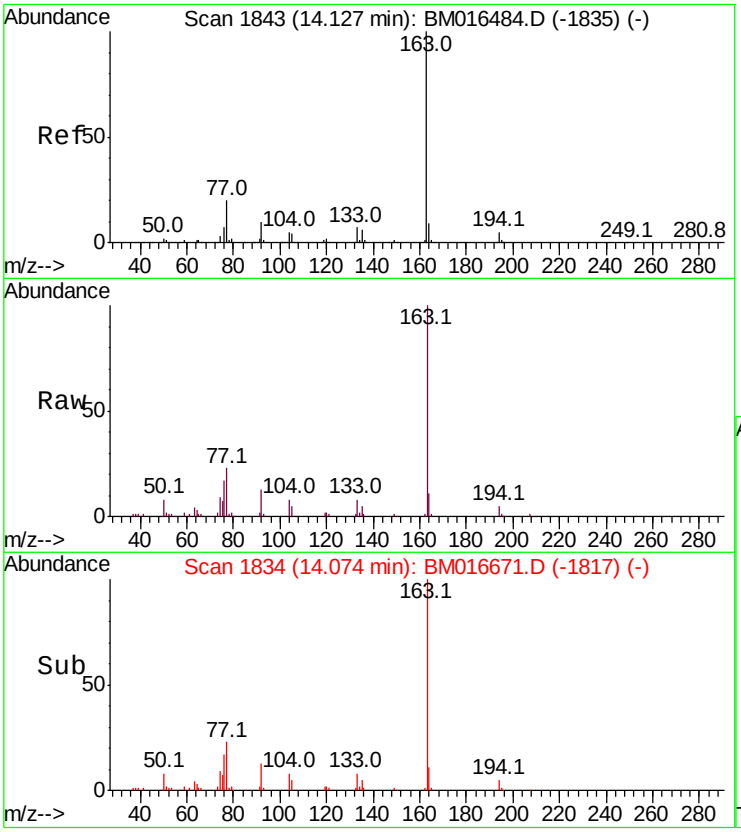


#44
2-Fluorobiphenyl
Concen: 32.428 ng
RT: 13.22 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:172 Resp: 453113

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.2	18.8	28.2



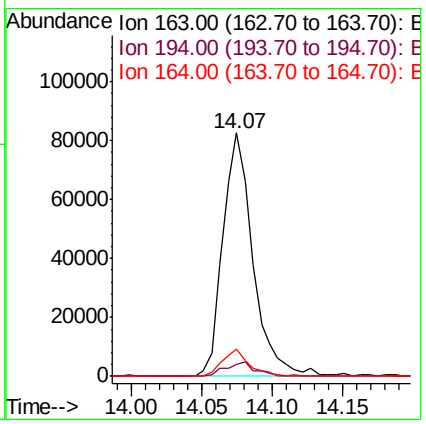


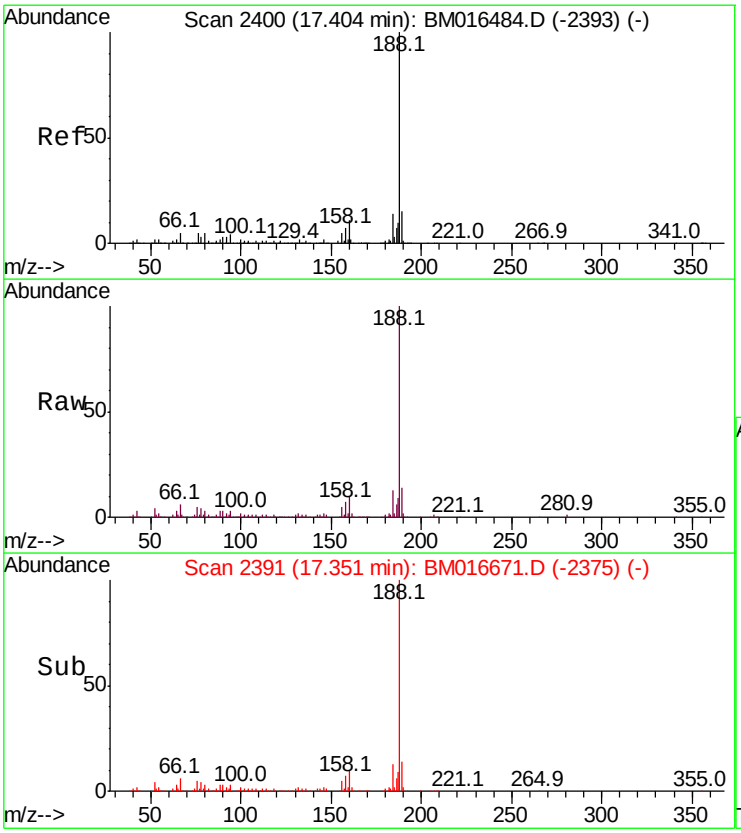
#49
Dimethylphthalate
Concen: 9.529 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:163 Resp: 122955

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	11.1	8.2	12.2

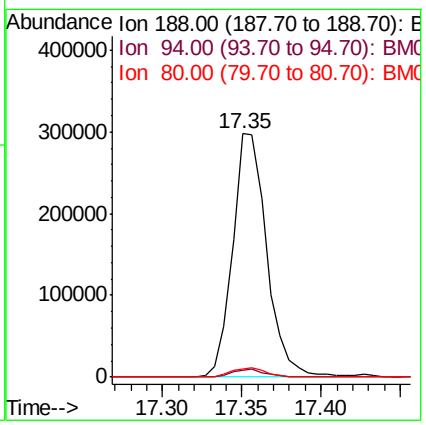


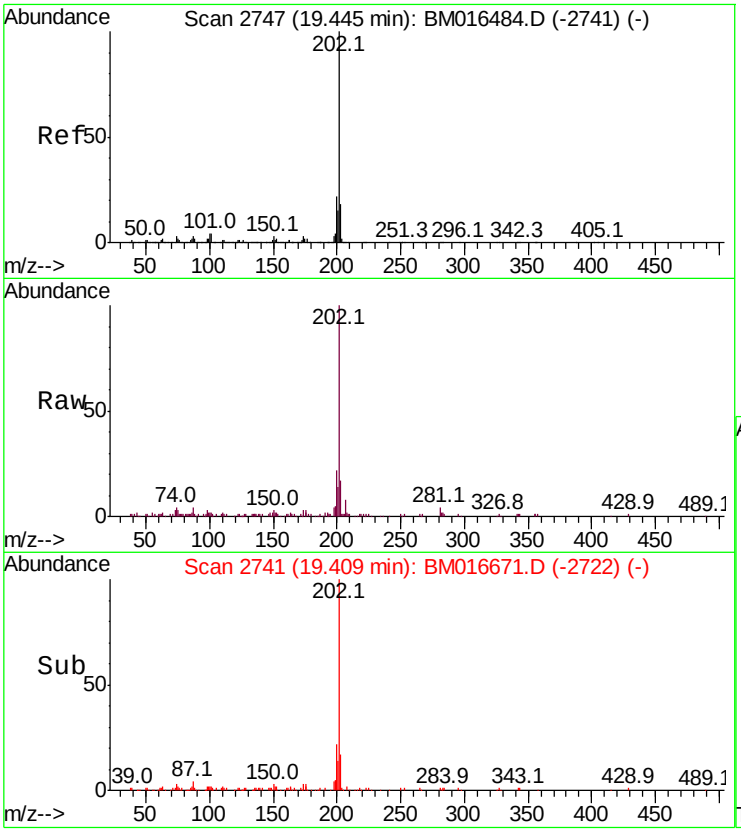


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:188 Resp: 442174

Ion	Ratio	Lower	Upper
188	100		
94	2.8	8.7	13.1#
80	3.3	9.3	13.9#



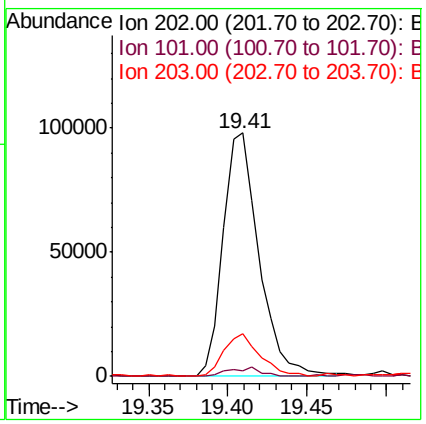


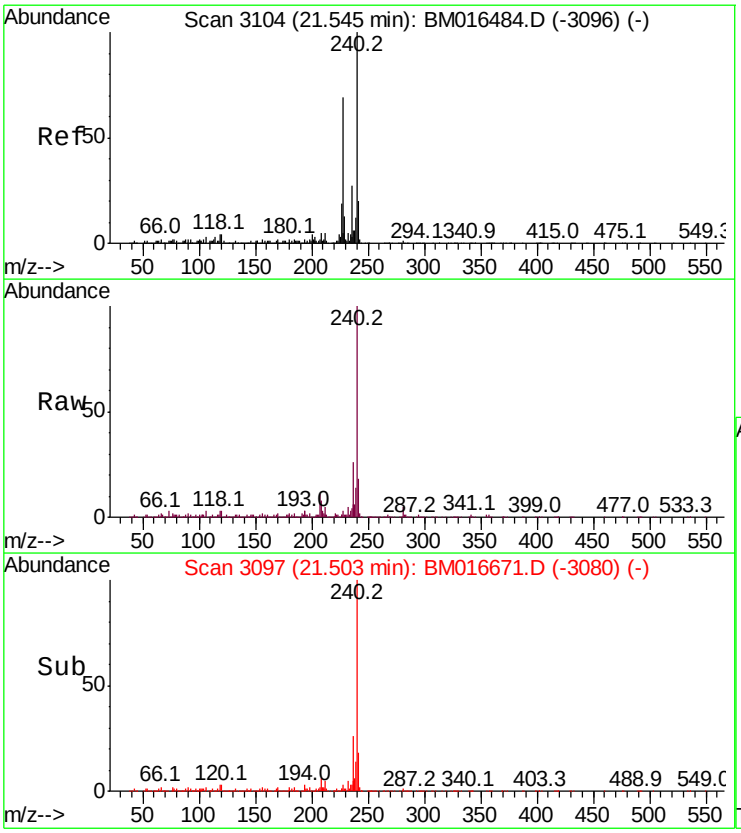
#74
Fluoranthene
Concen: 4.601 ng
RT: 19.41 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:202 Resp: 154172

Ion	Ratio	Lower	Upper
202	100		
101	2.1	0.0	28.7
203	17.4	0.0	37.2

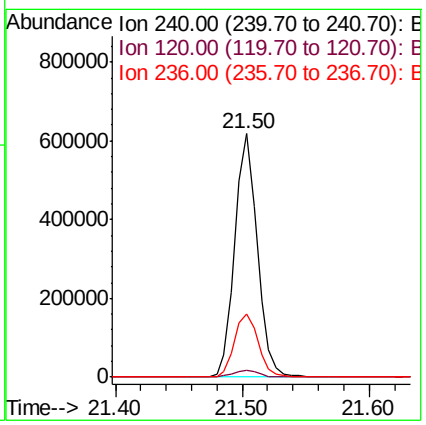


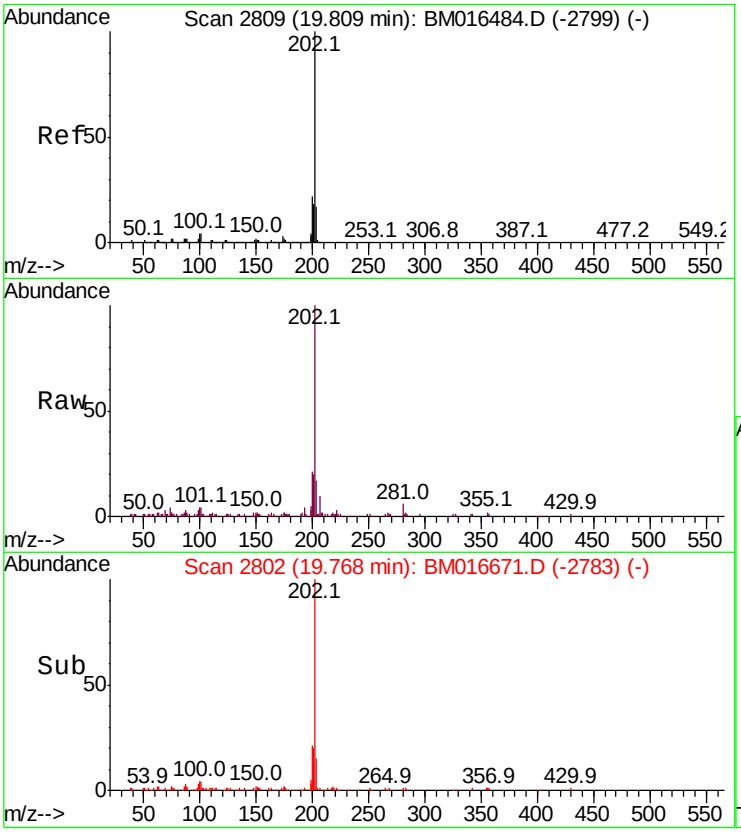


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:240 Resp: 754521

Ion	Ratio	Lower	Upper
240	100		
120	2.6	8.2	12.2#
236	26.0	20.0	30.0



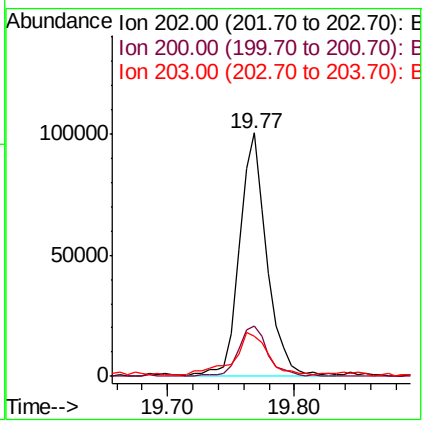


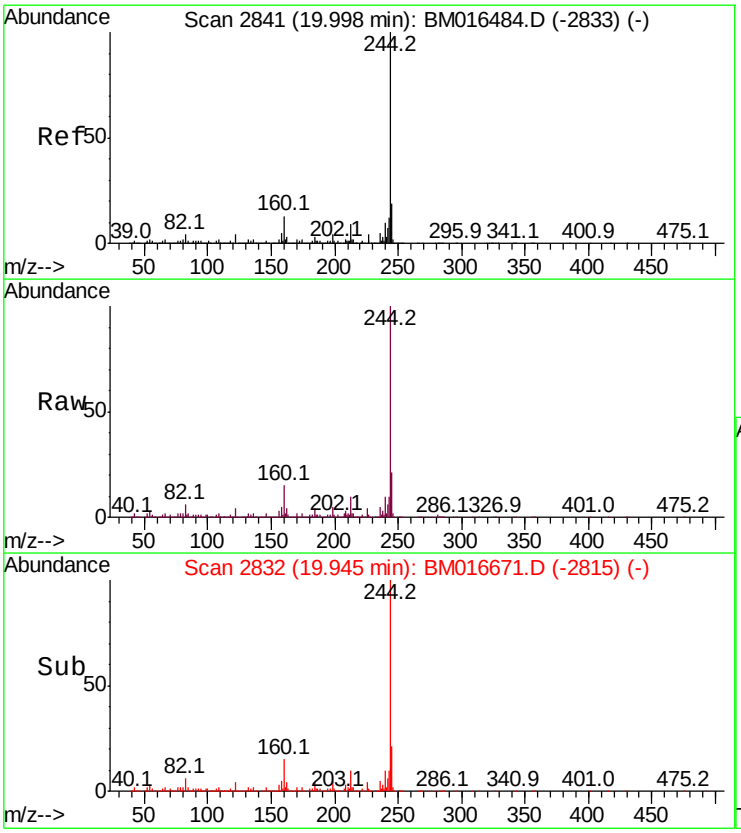
#77
Pyrene
Concen: 3.594 ng
RT: 19.77 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:202 Resp: 147355

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.7	14.1	21.1

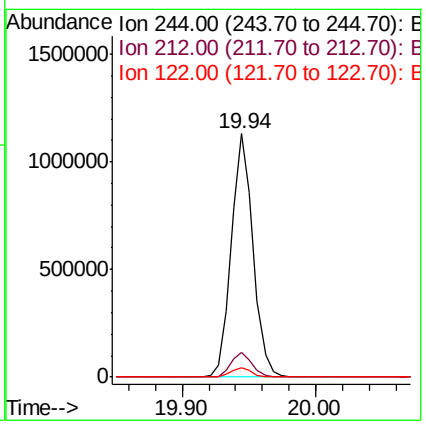


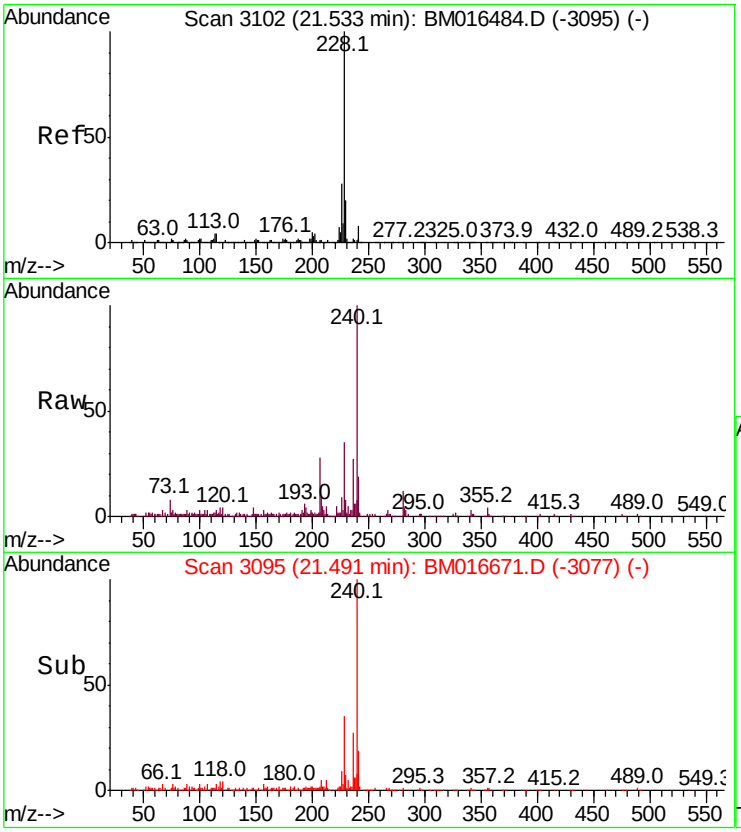


#78
Terphenyl-d14
Concen: 36.069 ng
RT: 19.94 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:244 Resp: 1285795

Ion	Ratio	Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	4.0	6.2	9.4#



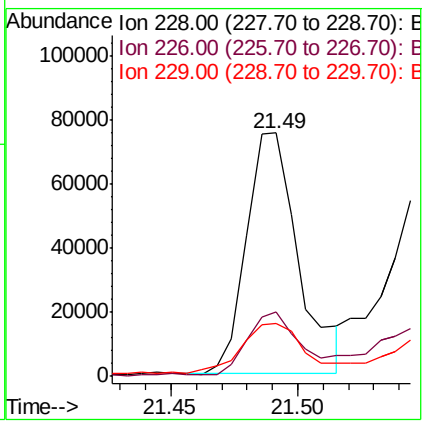


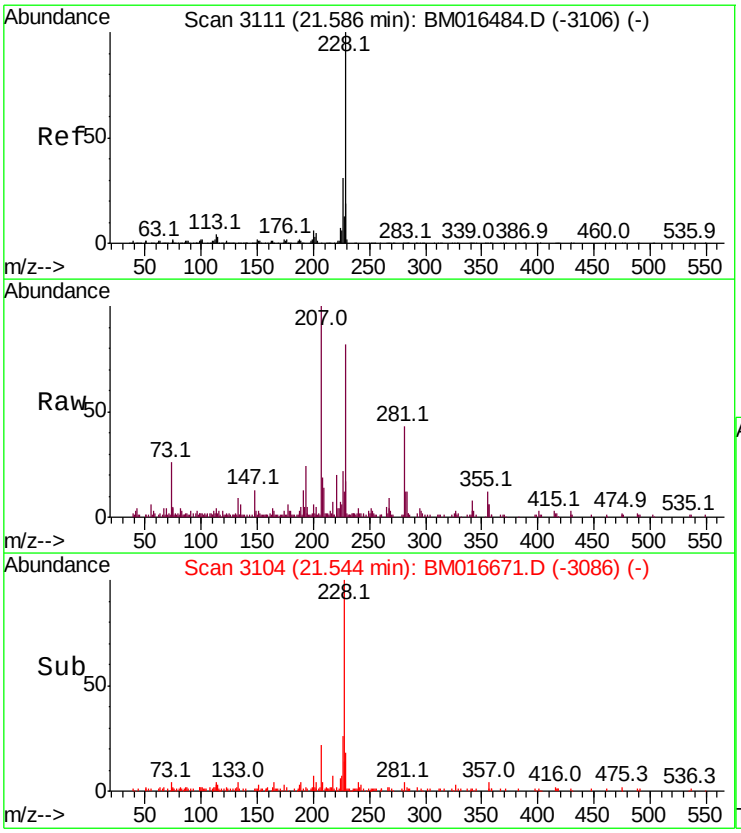
#80
Benzo(a)anthracene
Concen: 2.420 ng
RT: 21.49 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:228 Resp: 107351

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	21.9	16.0	24.0

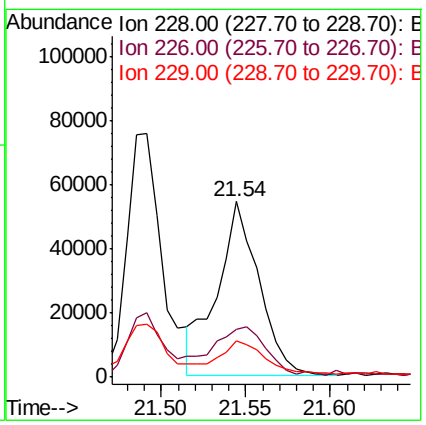


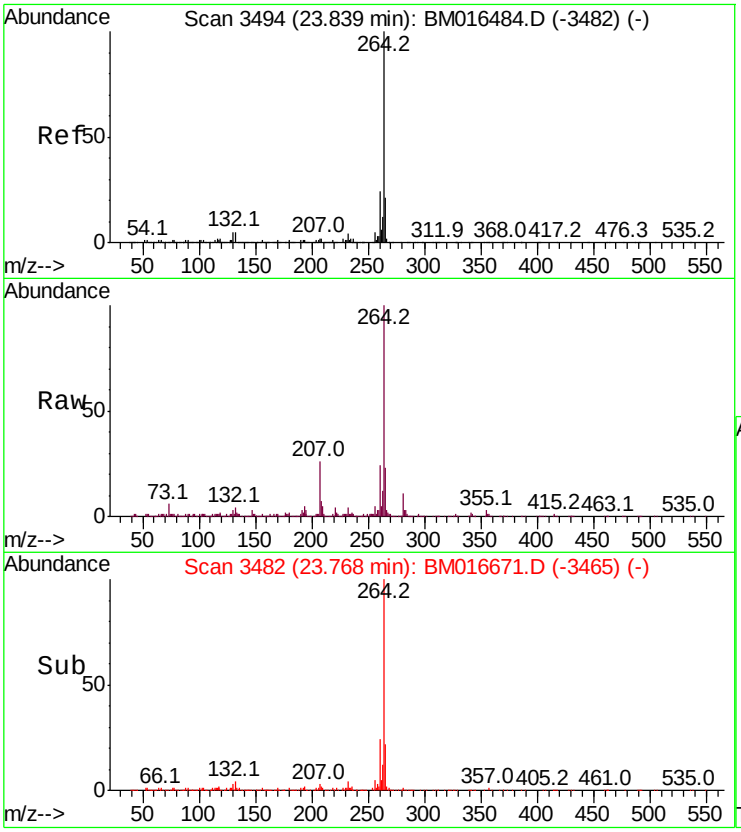


#82
Chrysene
Concen: 2.203 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:228 Resp: 93234

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.1	36.1
229	20.3	15.5	23.3



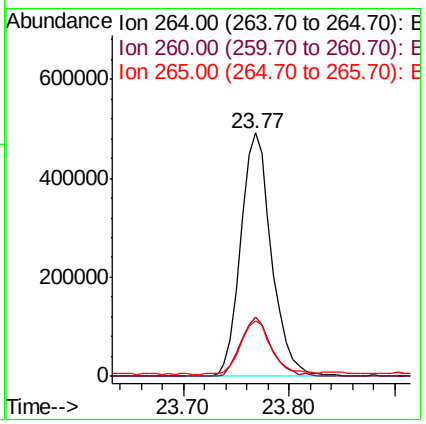


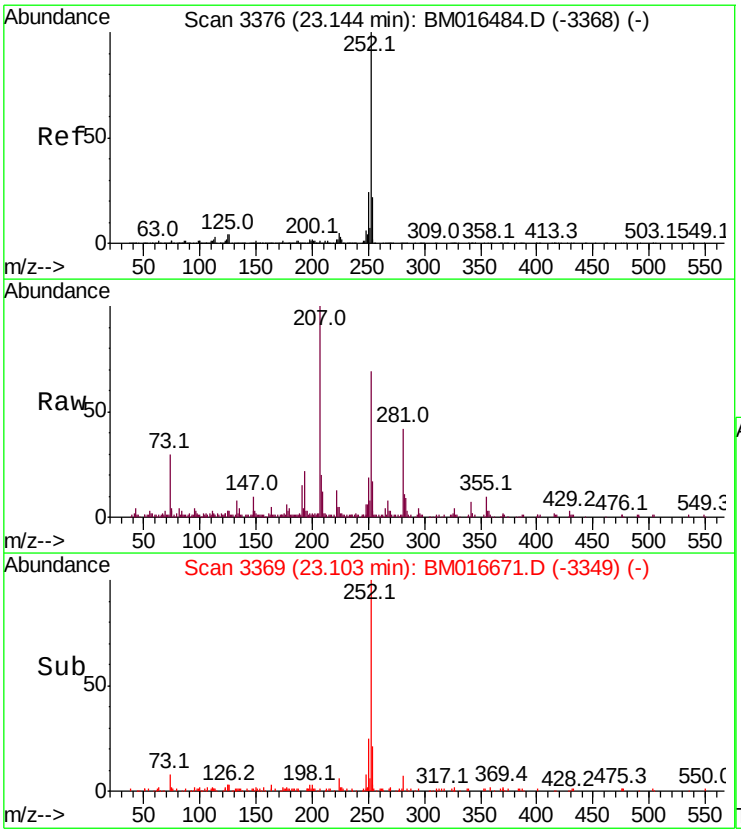
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.77 min Scan# 3482
Delta R.T. 0.00 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:264 Resp: 995126

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.7	17.3	25.9

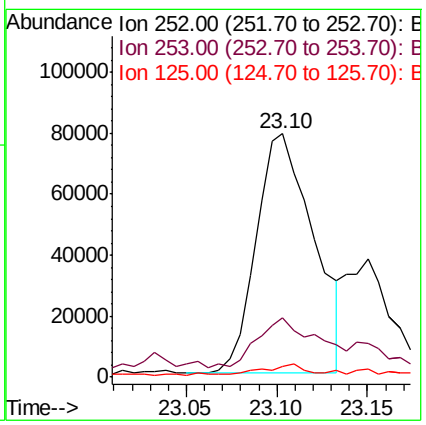


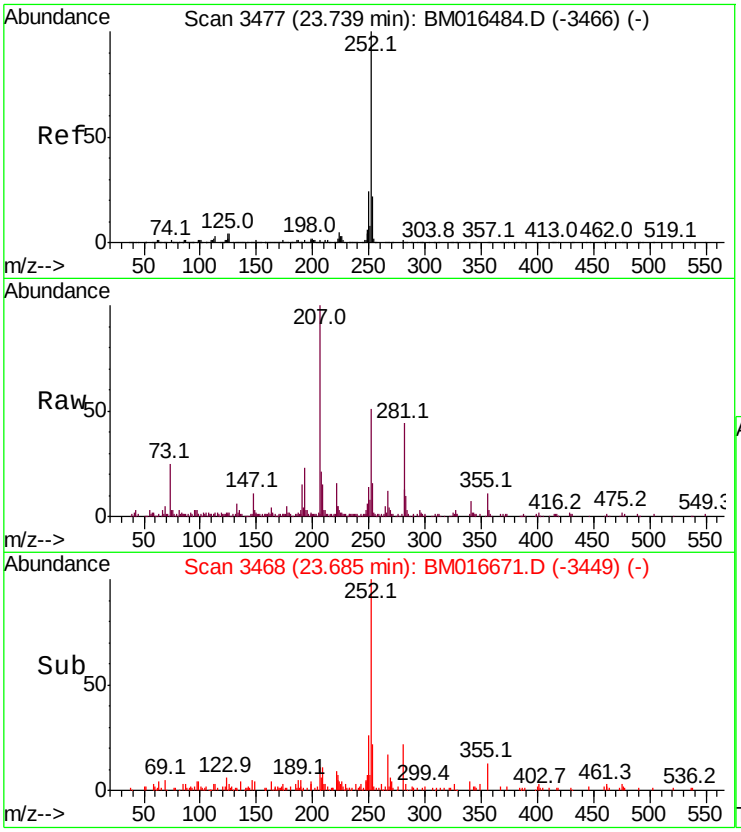


#87
Benzo(b)fluoranthene
Concen: 3.027 ng
RT: 23.10 min Scan# 3369
Delta R.T. 0.02 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Tgt Ion:252 Resp: 173623

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	4.2	9.9	14.9#





#89
Benzo(a)pyrene
Concen: 2.035 ng
RT: 23.69 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM016671.D
Acq: 05 Sep 2018 14:53

Instrument :
BNA_M
ClientSampleId :
SPRE

Tgt Ion:252 Resp: 113579

Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.6	26.4#
125	3.6	7.4	11.2#