Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020320\
Data File : BM024698.D
Acq On : 03 Feb 2020 14:34
Operator : CG/JU
Sample : L1343-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 04 02:58:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	208992	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	756579	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	508488	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1173070	20.00	ng	-0.02
76) Chrysene-d12	21.03	240	1232780	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1451750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1346694	122.54	ng	-0.01
7) Phenol-d6	6.62	99	1684456	111.27	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1089165	70.60	ng	-0.02
42) 2,4,6-Tribromophenol	15.57	330	993993	120.17	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	2948824	78.84	ng	-0.02
79) Terphenyl-d14	19.49	244	5402527	81.82	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.54	163	84265	2.049	ng	100
71) Phenanthrene	16.87	178	220346	3.469	ng	98
75) Fluoranthene	18.89	202	623385	7.863	ng	98
78) Pyrene	19.26	202	464479	5.715	ng	99
83) Chrysene	21.07	228	181811	2.227	ng	98
88) Benzo(b)fluoranthene	22.53	252	315936	3.355	ng	98
89) Benzo(k)fluoranthene	22.53	252	314549	3.422	ng	96

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

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Data File : BM024698.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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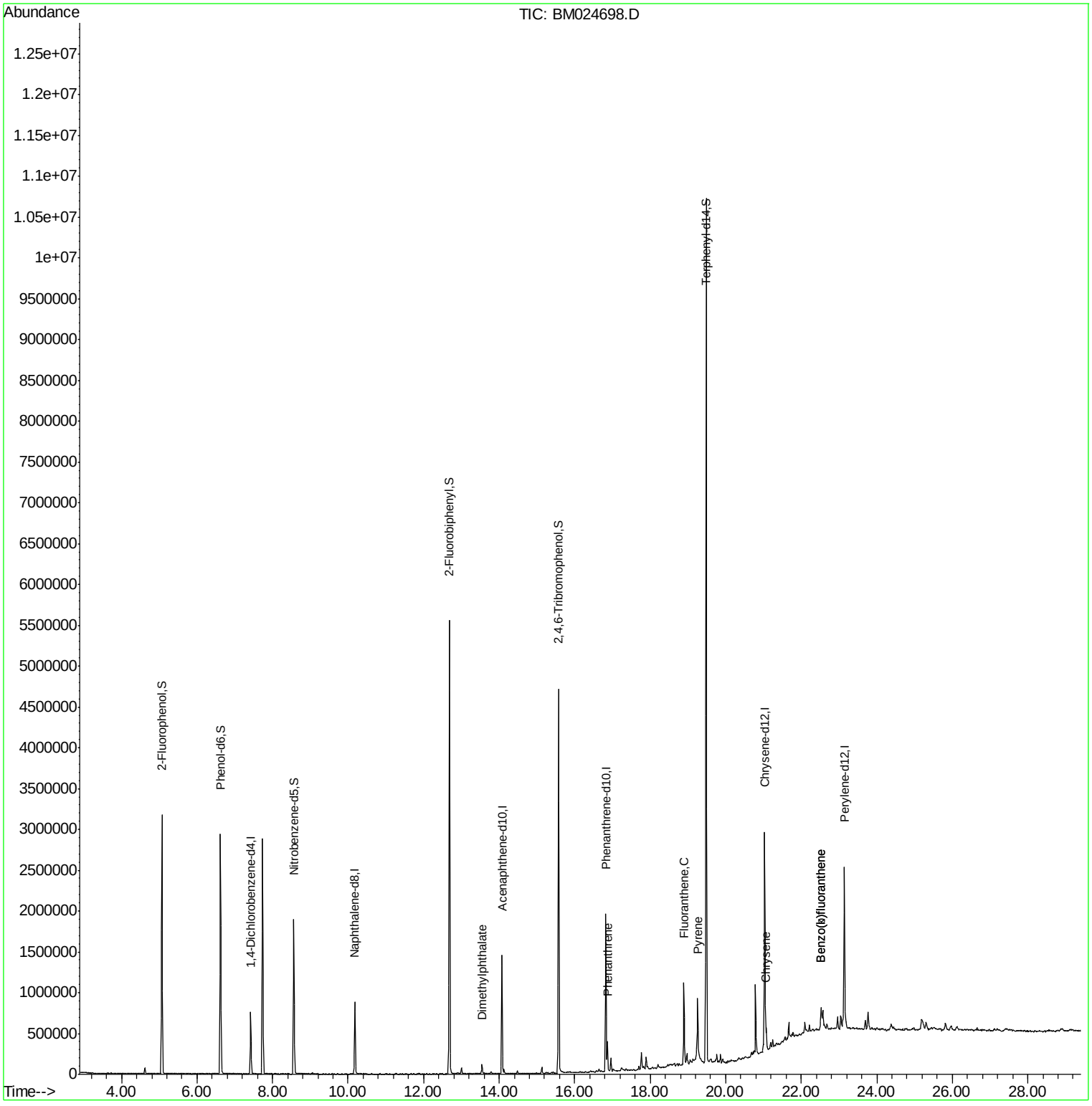
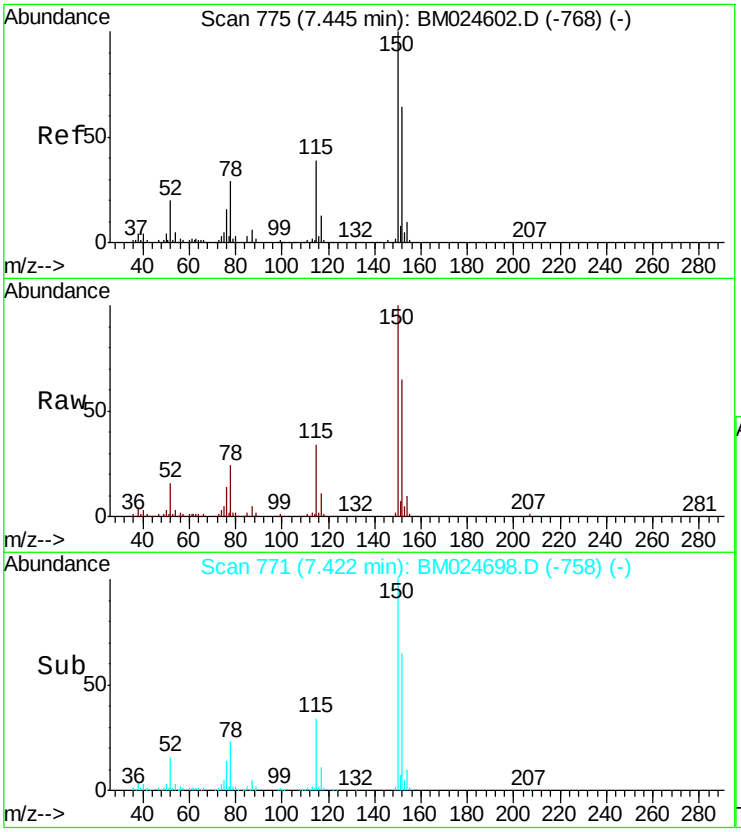


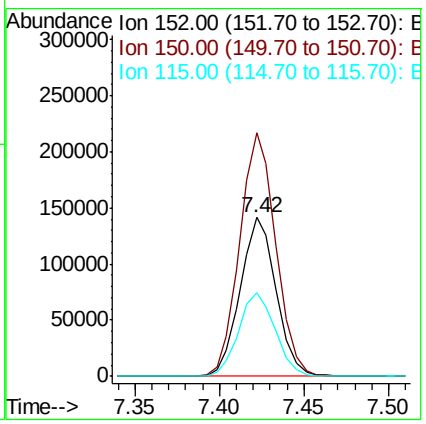


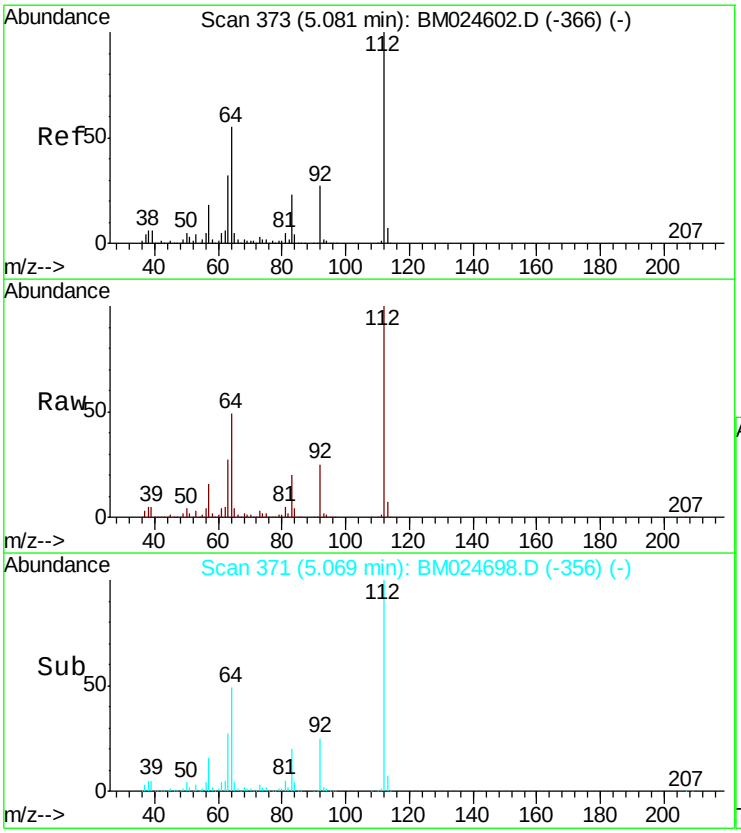
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 208992

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.2	186.4
115	52.5	48.6	72.8

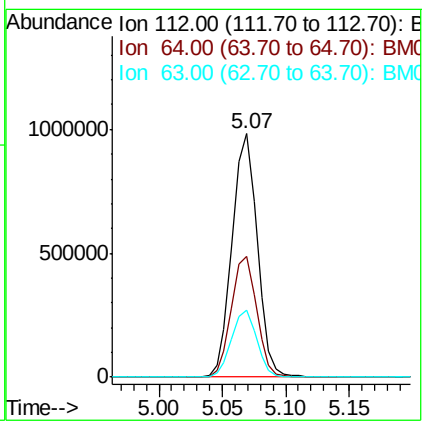


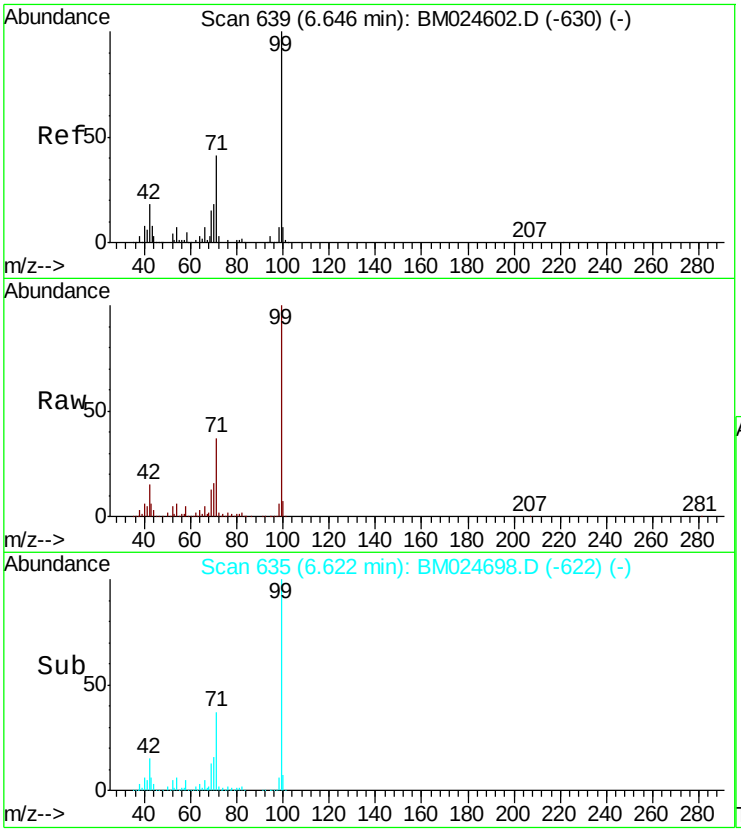


#5
2-Fluorophenol
Concen: 122.545 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:112 Resp: 1346694

Ion	Ratio	Lower	Upper
112	100		
64	49.4	44.2	66.4
63	27.5	25.9	38.9



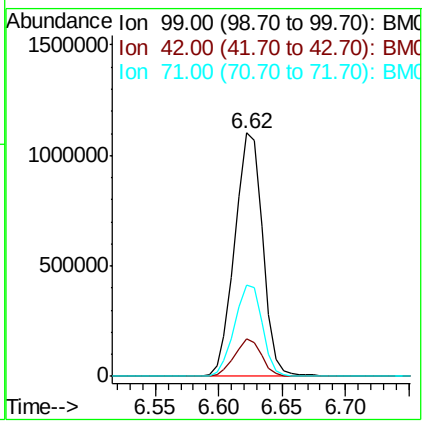


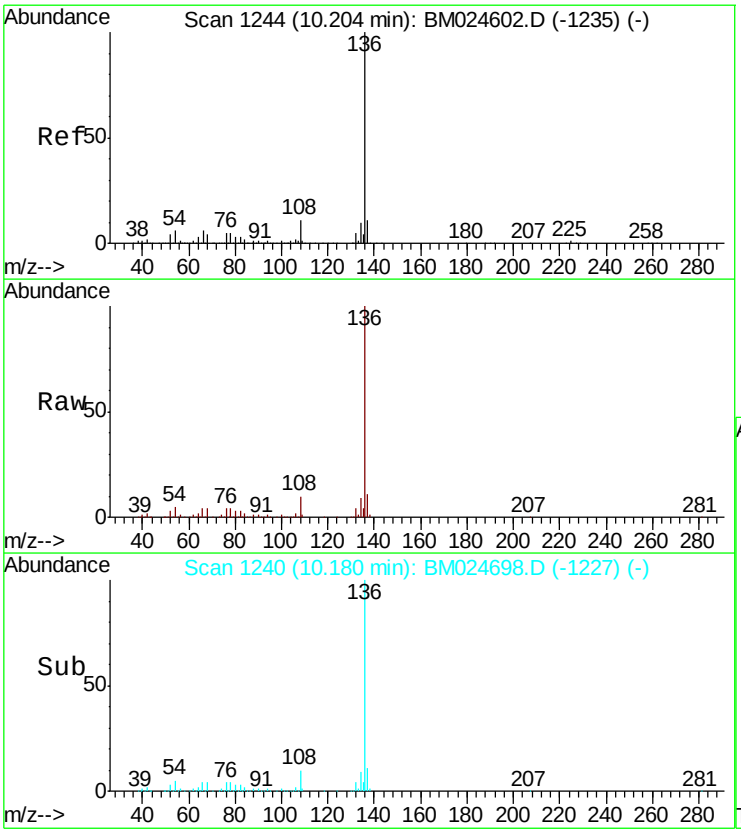
#7
Phenol-d6
Concen: 111.268 ng
RT: 6.62 min Scan# 635
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1684456

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	37.4	33.0	49.6

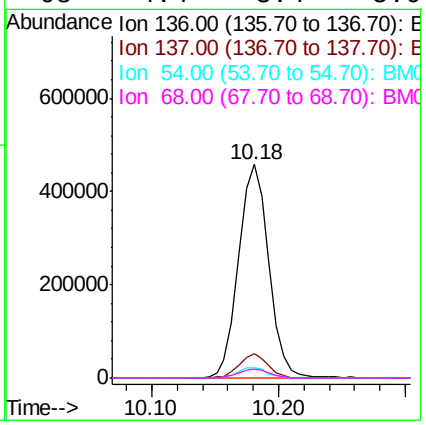


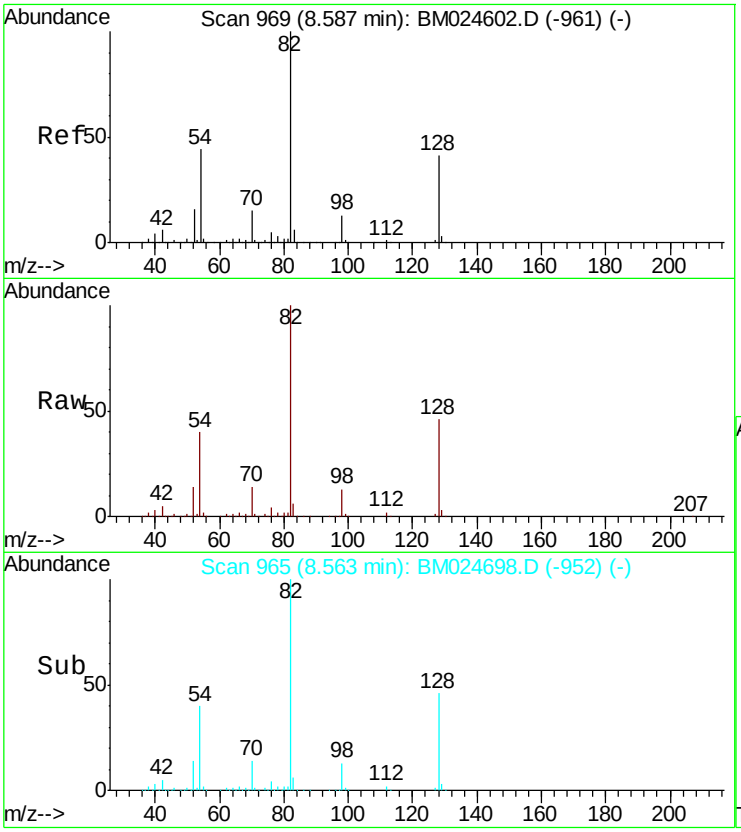


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:136 Resp: 756579

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	4.8	4.5	6.7
68	4.4	3.4	5.0



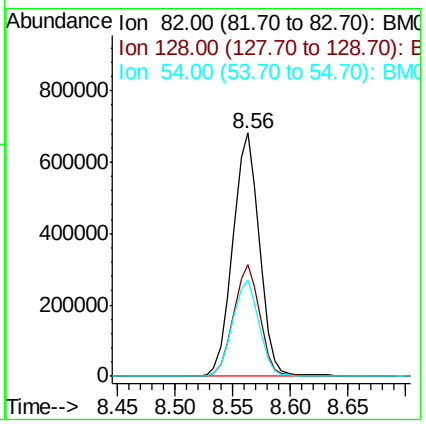


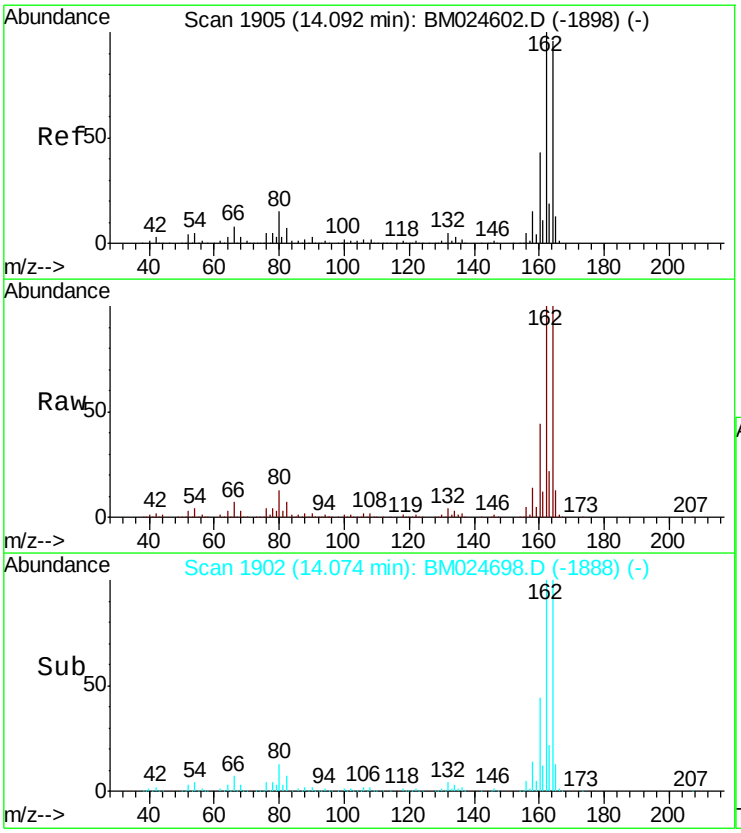
#23
Nitrobenzene-d5
Concen: 70.600 ng
RT: 8.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1089165

Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.6	48.8
54	39.6	34.8	52.2

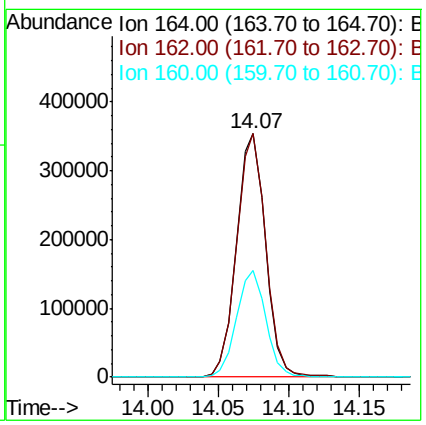


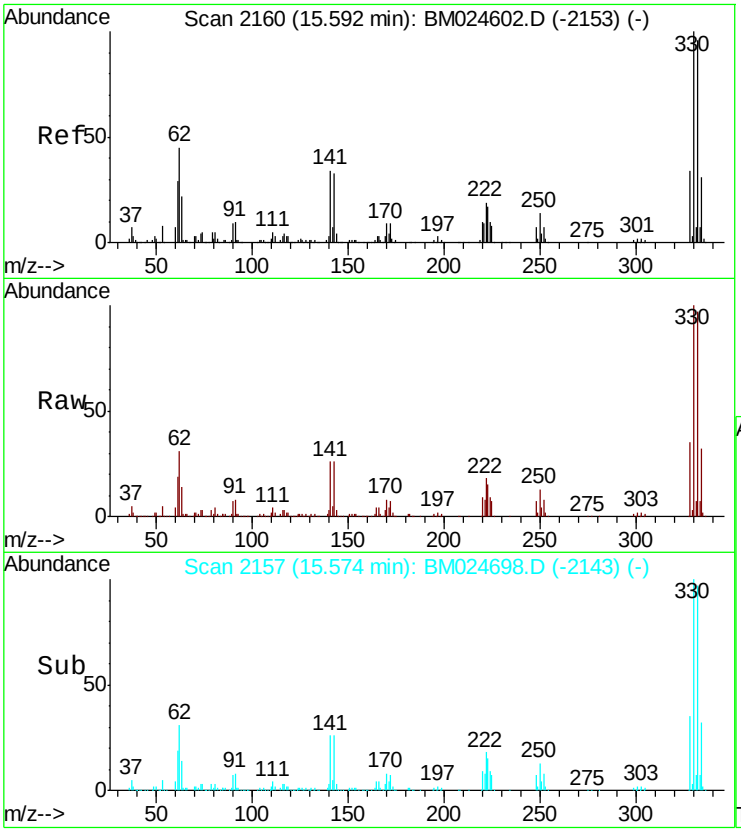


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:164 Resp: 508488

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.9	124.3
160	43.8	35.5	53.3



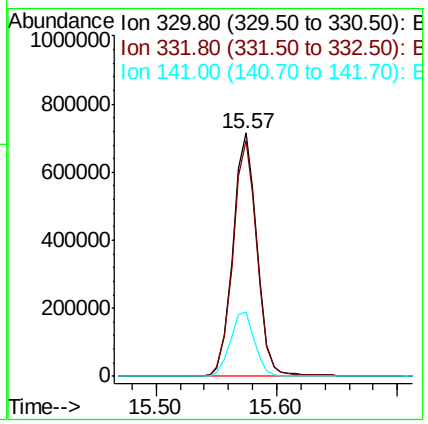


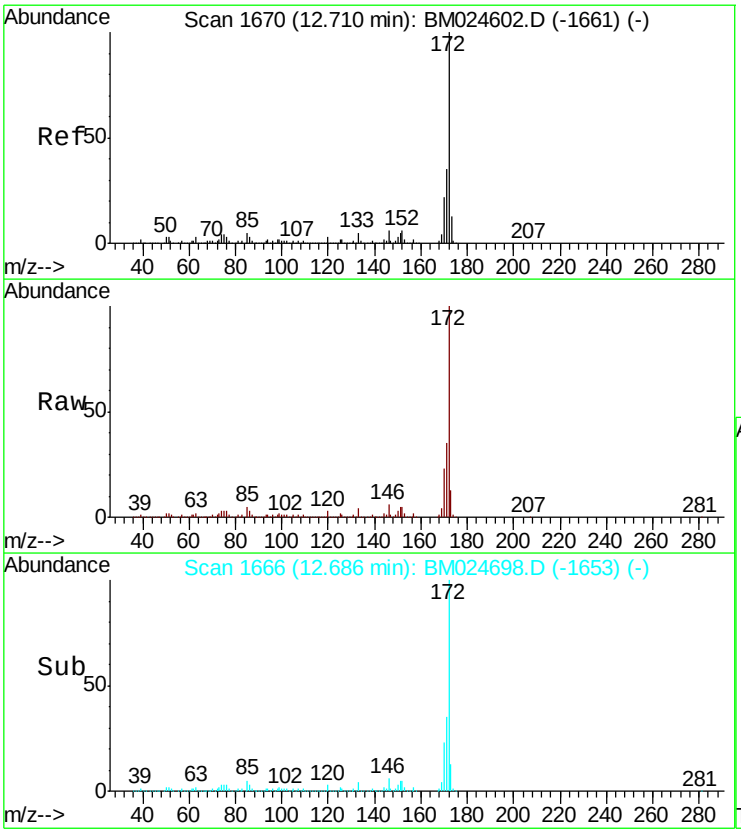
#42
2,4,6-Tribromophenol
Concen: 120.174 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 993993

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	27.0	26.9	40.3

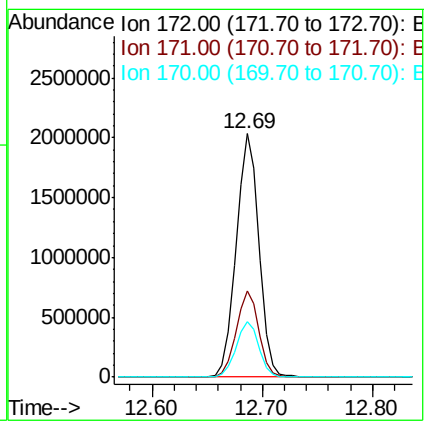


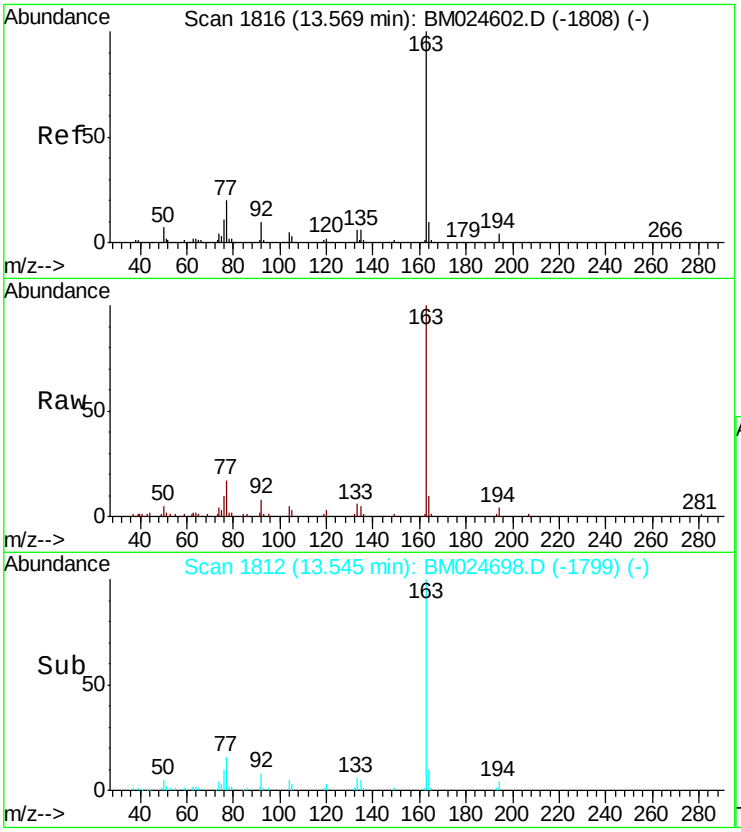


#45
2-Fluorobiphenyl
Concen: 78.840 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:172 Resp: 2948824

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.5	17.9	26.9



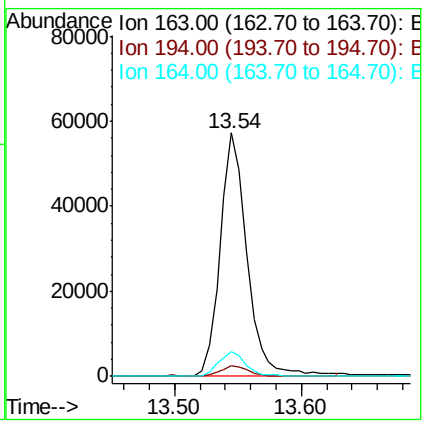


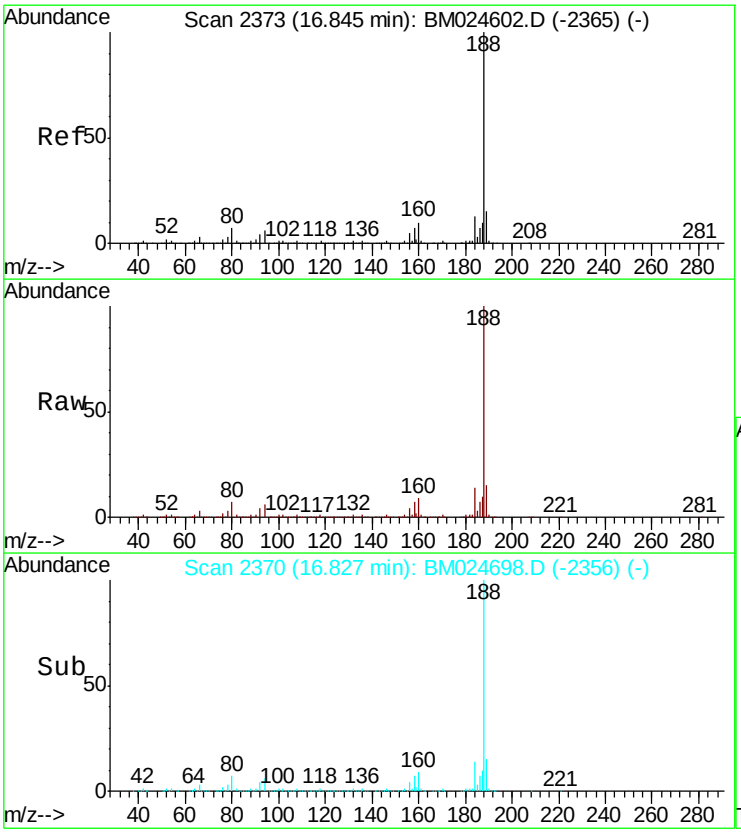
#50
Dimethylphthalate
Concen: 2.049 ng
RT: 13.54 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 84265

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.0	12.0

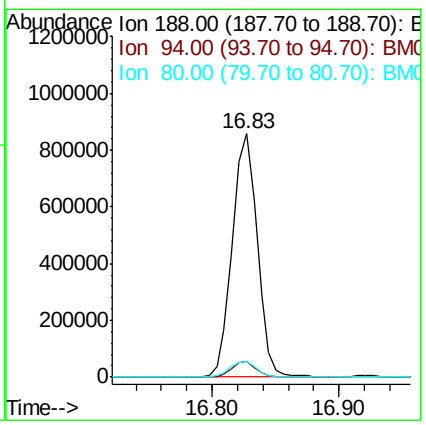


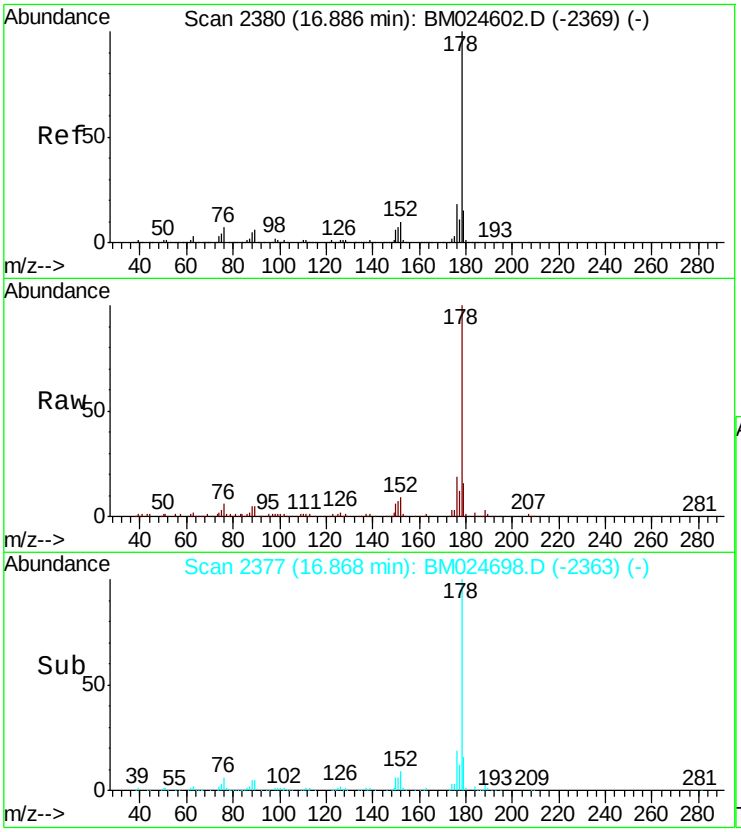


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:188 Resp: 1173070

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.6
80	6.6	5.8	8.8



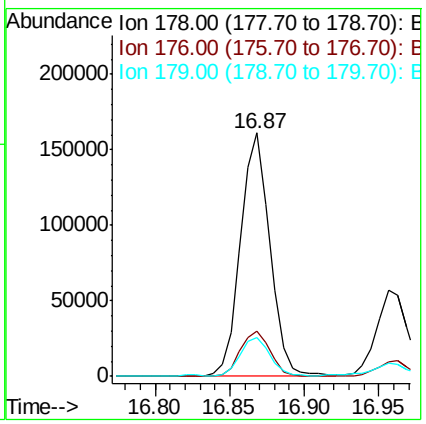


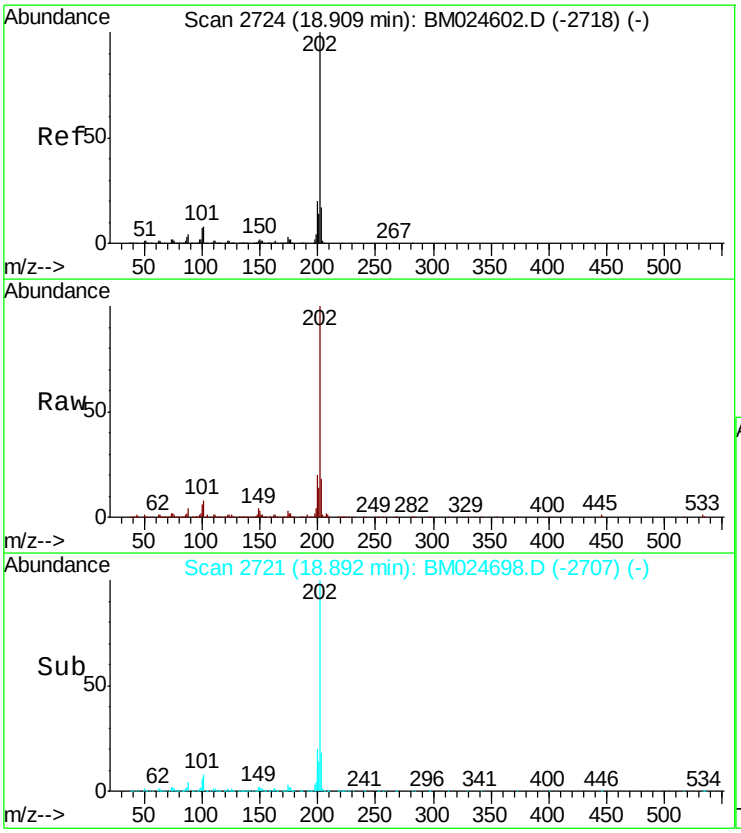
#71
Phenanthrene
Concen: 3.469 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 220346

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	16.0	11.9	17.9

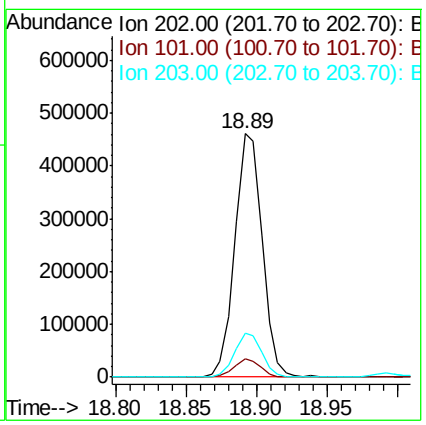


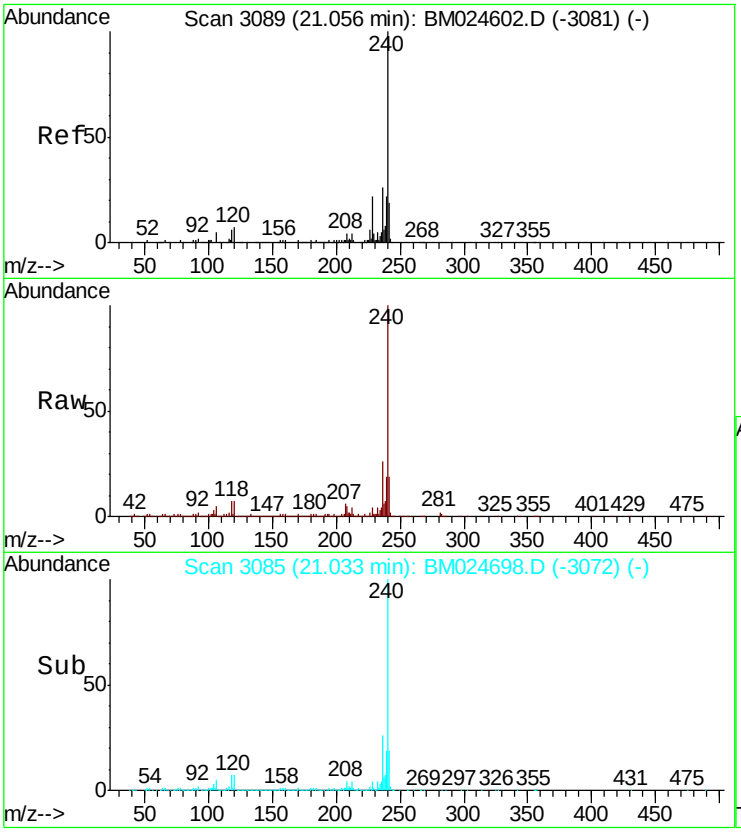


#75
Fluoranthene
Concen: 7.863 ng
RT: 18.89 min Scan# 2721
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:202 Resp: 623385

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.4
203	18.0	0.0	37.5



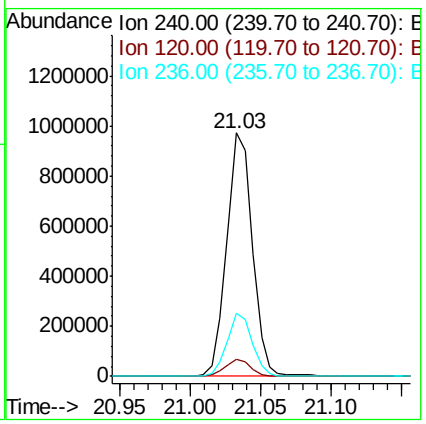


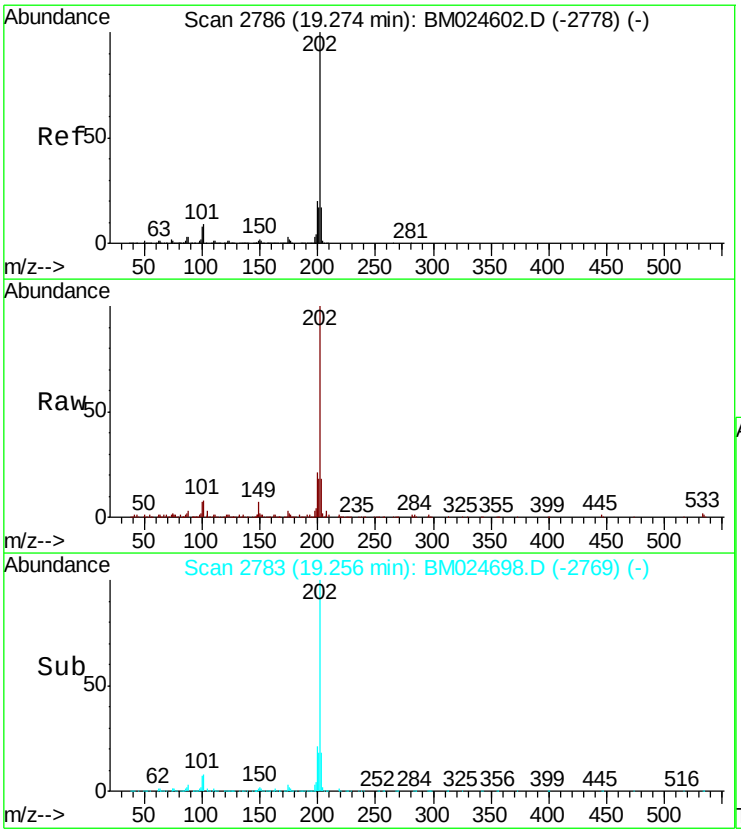
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3085
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 1232780

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.3	7.9
236	26.1	20.6	31.0

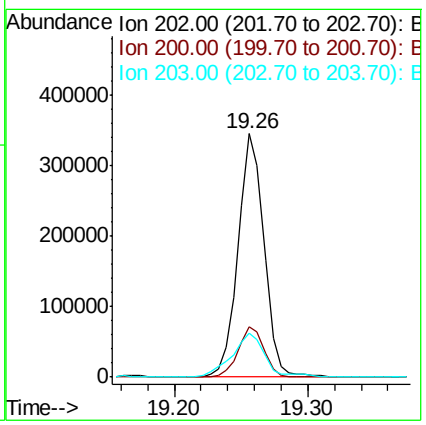


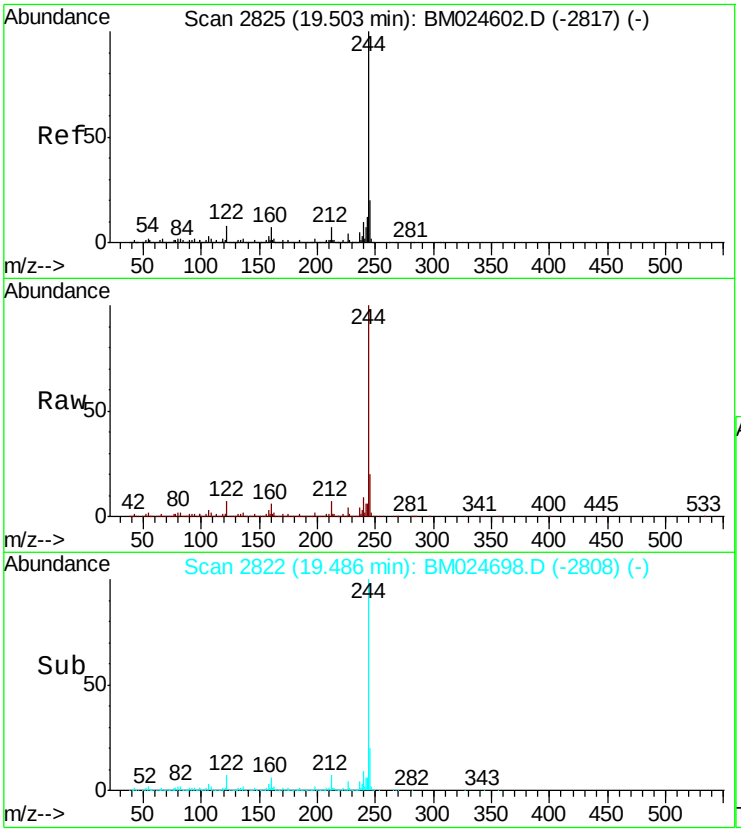


#78
Pyrene
Concen: 5.715 ng
RT: 19.26 min Scan# 2783
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:202 Resp: 464479

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	18.3	14.0	21.0



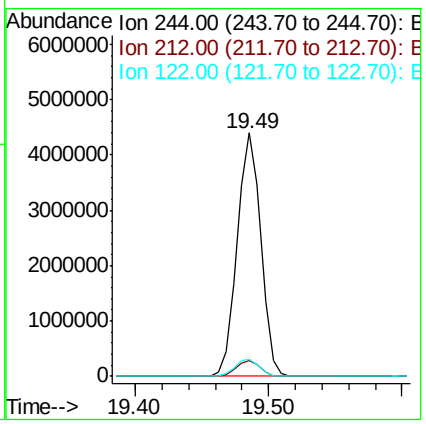


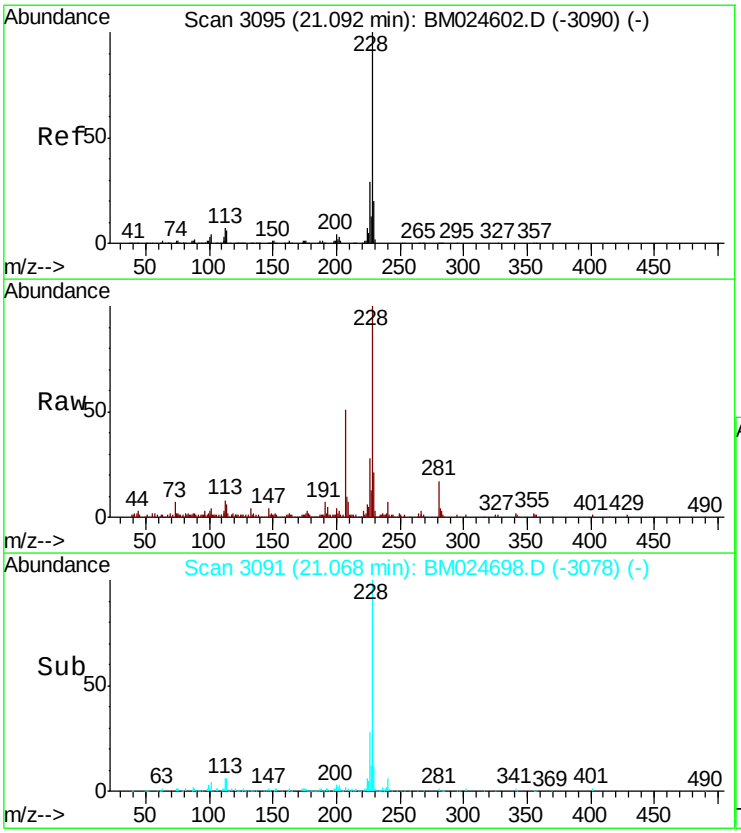
#79
Terphenyl-d14
Concen: 81.815 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 5402527

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	7.0	6.2	9.4

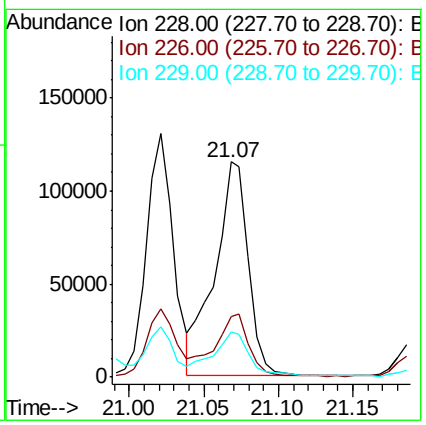


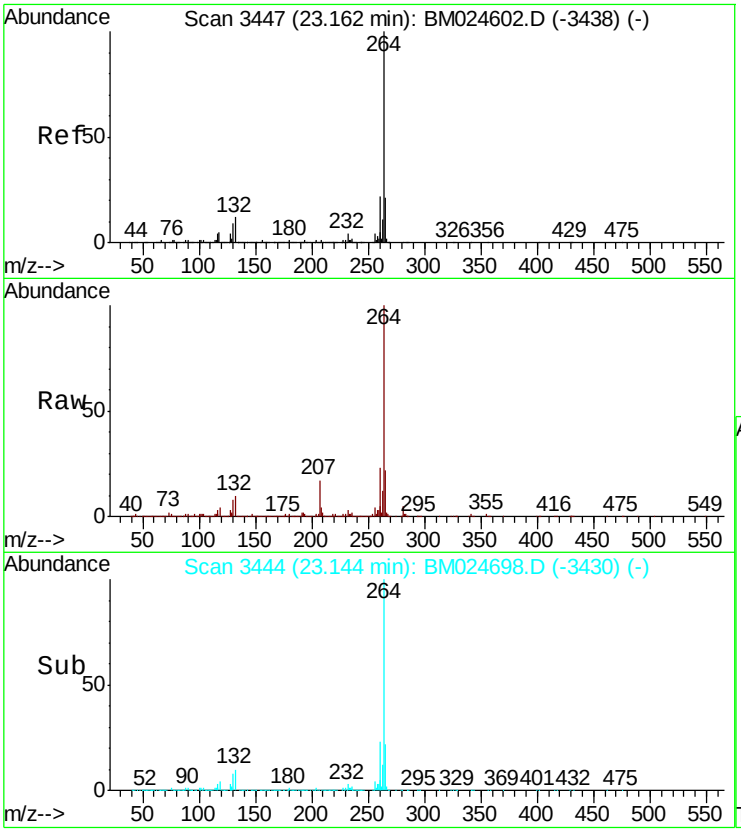


#83
Chrysene
Concen: 2.227 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:228 Resp: 181811

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.2	34.8
229	20.7	15.7	23.5



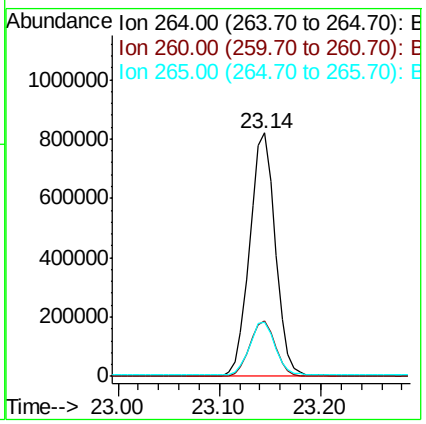


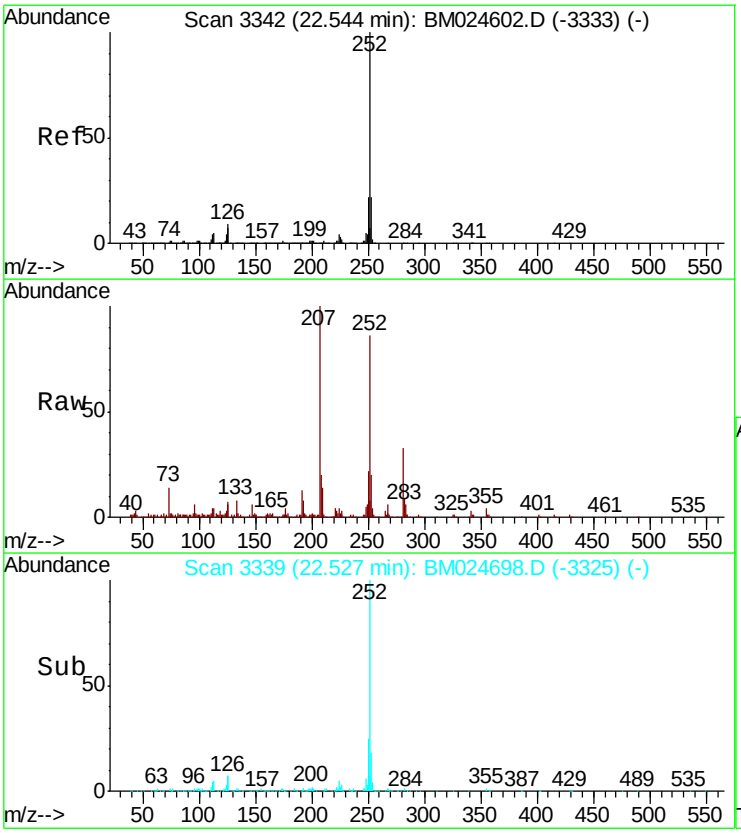
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 1451750

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	22.1	17.3	25.9

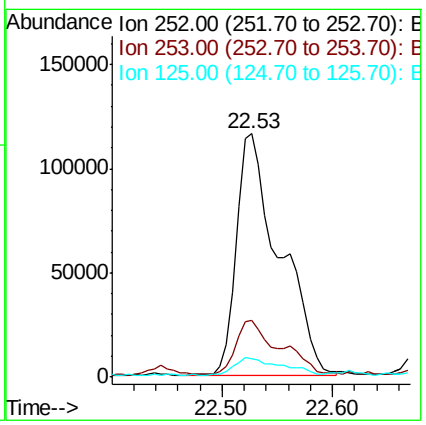


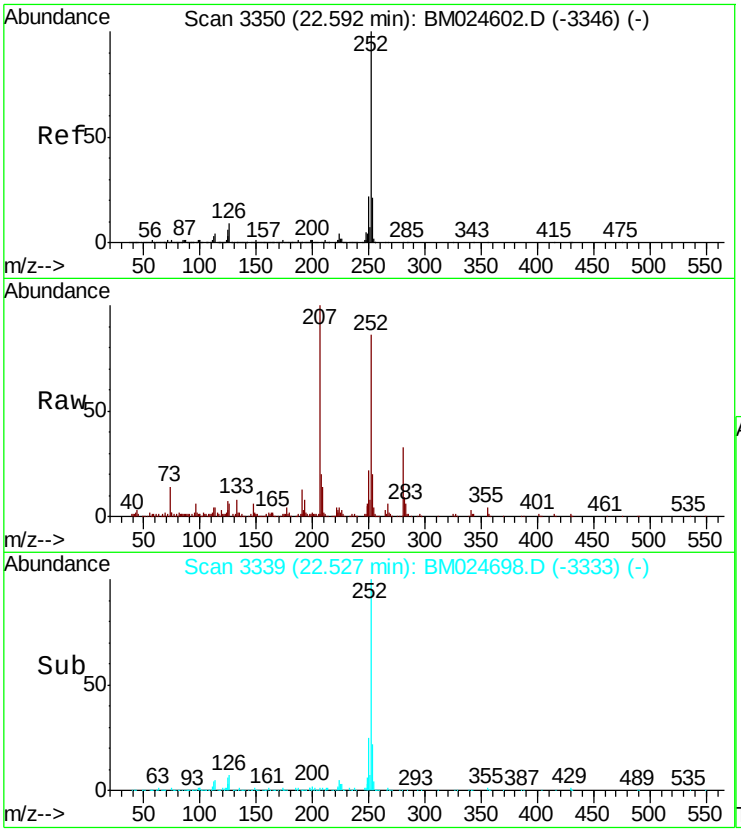


#88
Benzo(b)fluoranthene
Concen: 3.355 ng
RT: 22.53 min Scan# 3339
Delta R.T. -0.02 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Tgt Ion:252 Resp: 315936

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	7.8	5.7	8.5





#89
Benzo(k)fluoranthene
Concen: 3.422 ng
RT: 22.53 min Scan# 3339
Delta R.T. -0.06 min
Lab File: BM024698.D
Acq: 03 Feb 2020 14:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 314549

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	7.8	5.2	7.8