Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM018996.D
Acq On : 01 Mar 2019 20:44
Operator : JU/SJ
Sample : K1655-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200053

Quant Time: Mar 01 22:27:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	275012	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	1108069	20.00	ng		-0.04
39) Acenaphthene-d10	14.33	164	617978	20.00	ng		-0.03
64) Phenanthrene-d10	17.09	188	1275643	20.00	ng		-0.03
76) Chrysene-d12	21.28	240	1018000	20.00	ng		-0.03
87) Perylene-d12	23.53	264	1040905	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2578524	153.62	ng		-0.02
7) Phenol-d6	6.86	99	3729877	157.74	ng		-0.02
23) Nitrobenzene-d5	8.85	82	2337089	97.52	ng		-0.04
42) 2,4,6-Tribromophenol	15.83	330	1325702	148.82	ng		-0.03
45) 2-Fluorobiphenyl	12.95	172	4157161	89.30	ng		-0.03
79) Terphenyl-d14	19.72	244	5082886	103.00	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.86	77	8424	Below Cal		#	12
50) Dimethylphthalate	13.80	163	334642	6.498	ng		99
71) Phenanthrene	17.13	178	337405	4.922	ng		99
75) Fluoranthene	19.15	202	366695	4.631	ng		98
78) Pyrene	19.52	202	299390	5.064	ng		100
83) Chrysene	21.32	228	146639	2.578	ng		98
88) Benzo(b)fluoranthene	22.85	252	184659	3.101	ng		97
89) Benzo(k)fluoranthene	22.85	252	184707	3.115	ng	#	96

(#) = 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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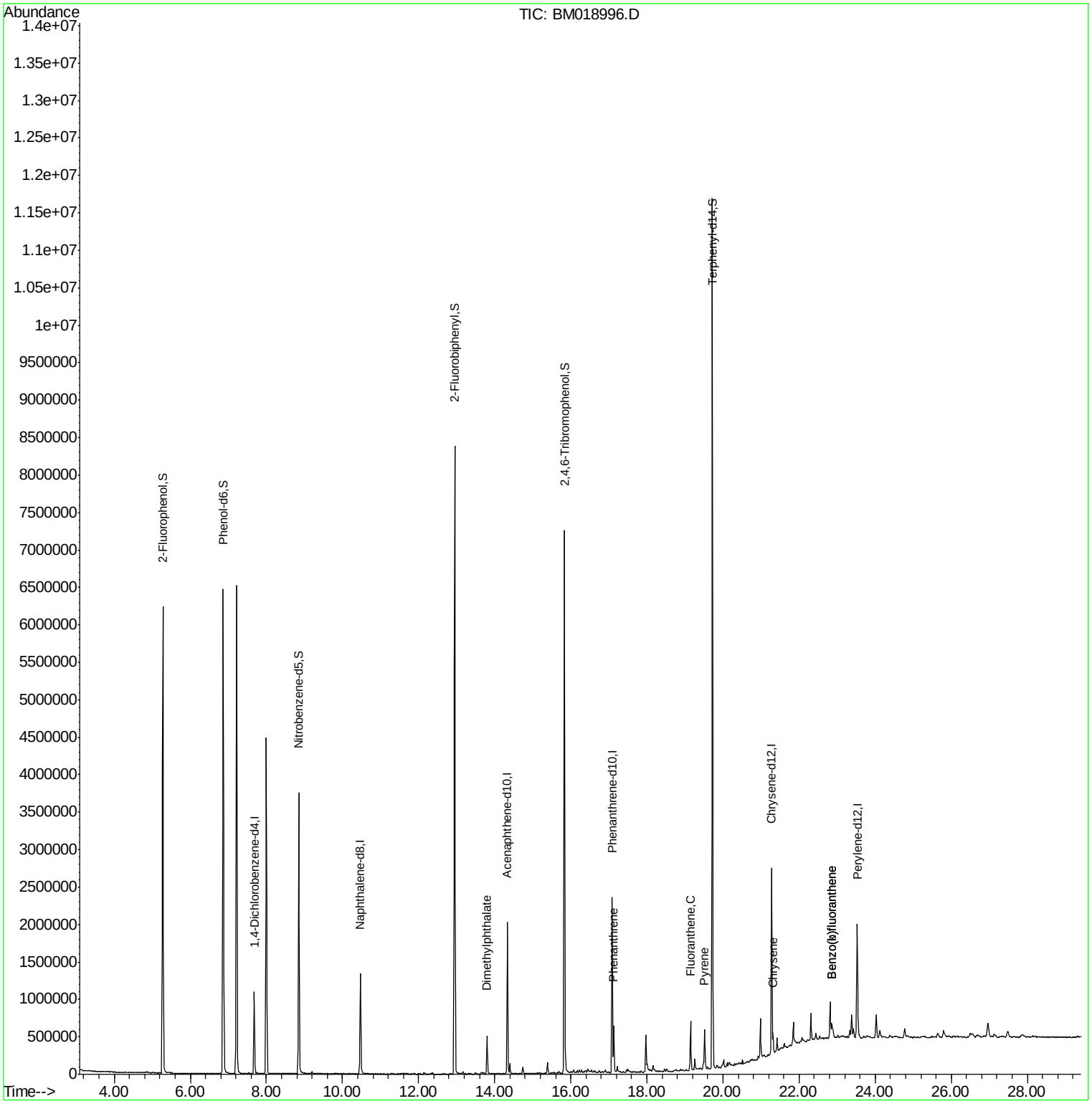
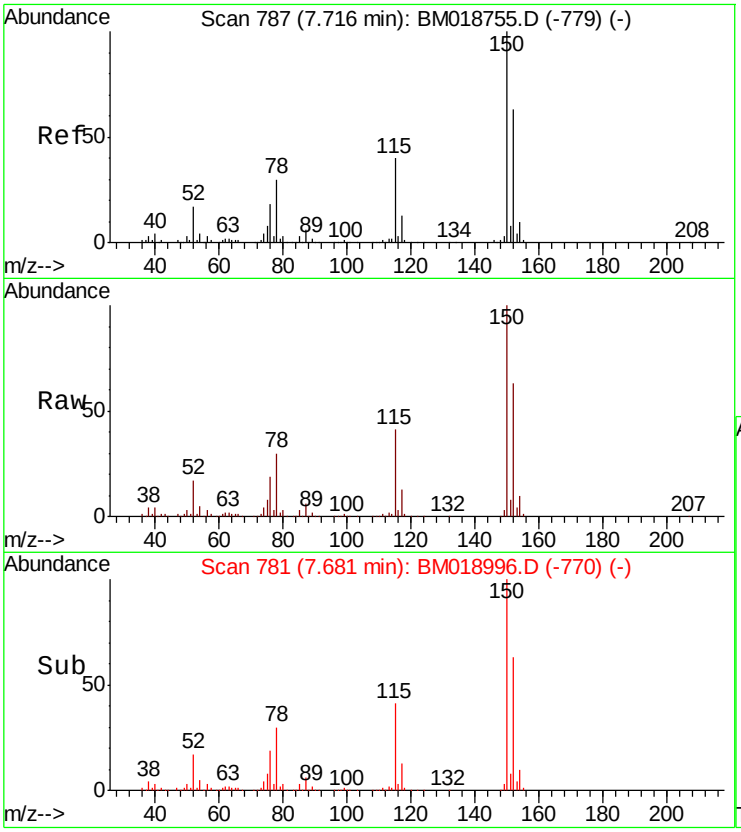


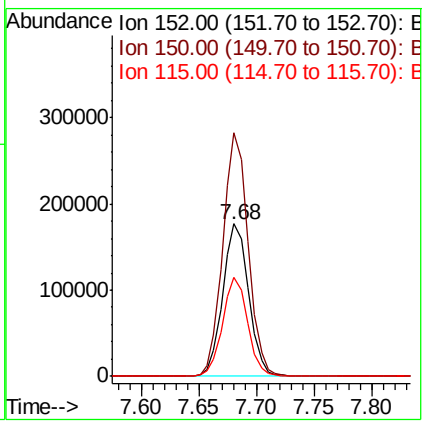


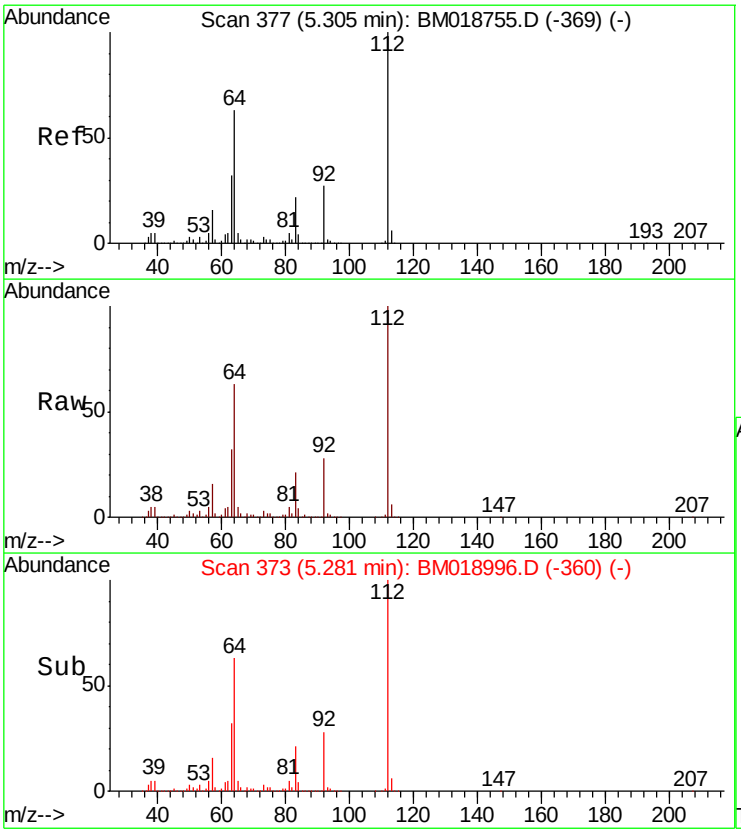
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:152 Resp: 275012

Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.3	190.9
115	64.8	50.8	76.2

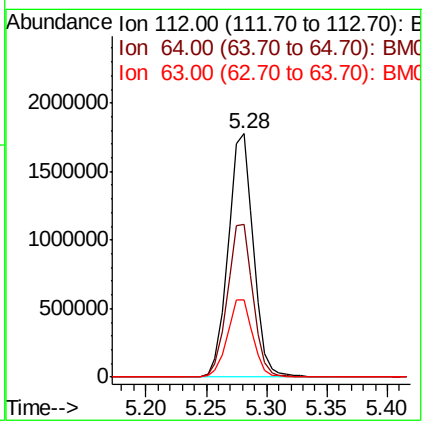


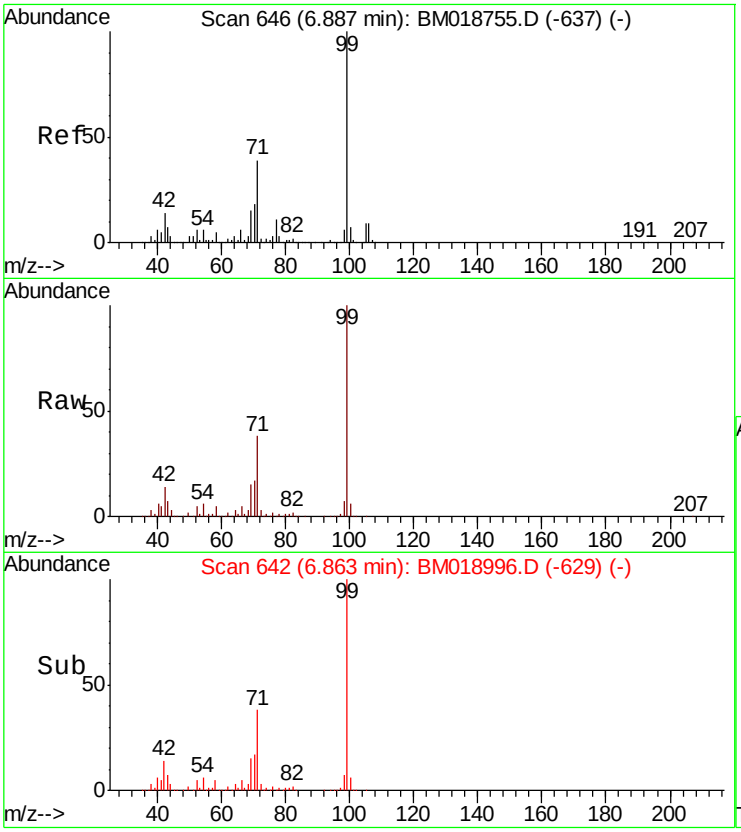


#5
2-Fluorophenol
Concen: 153.624 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:112 Resp: 2578524

Ion	Ratio	Lower	Upper
112	100		
64	62.5	50.6	75.8
63	31.7	25.7	38.5



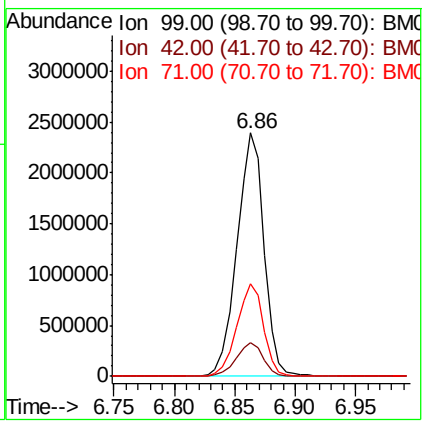


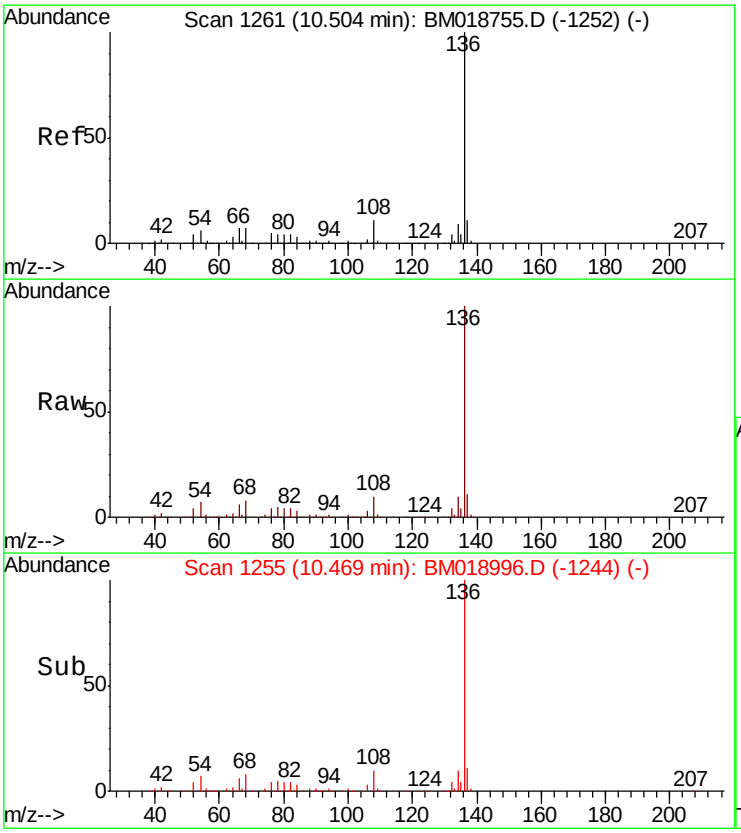
#7
Phenol-d6
Concen: 157.742 ng
RT: 6.86 min Scan# 642
Delta R.T. -0.02 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion: 99 Resp: 3729877

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.6
71	37.9	31.3	46.9

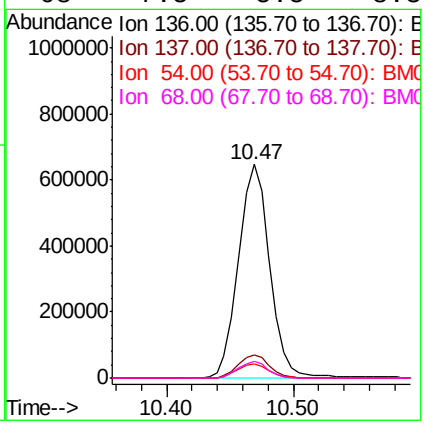


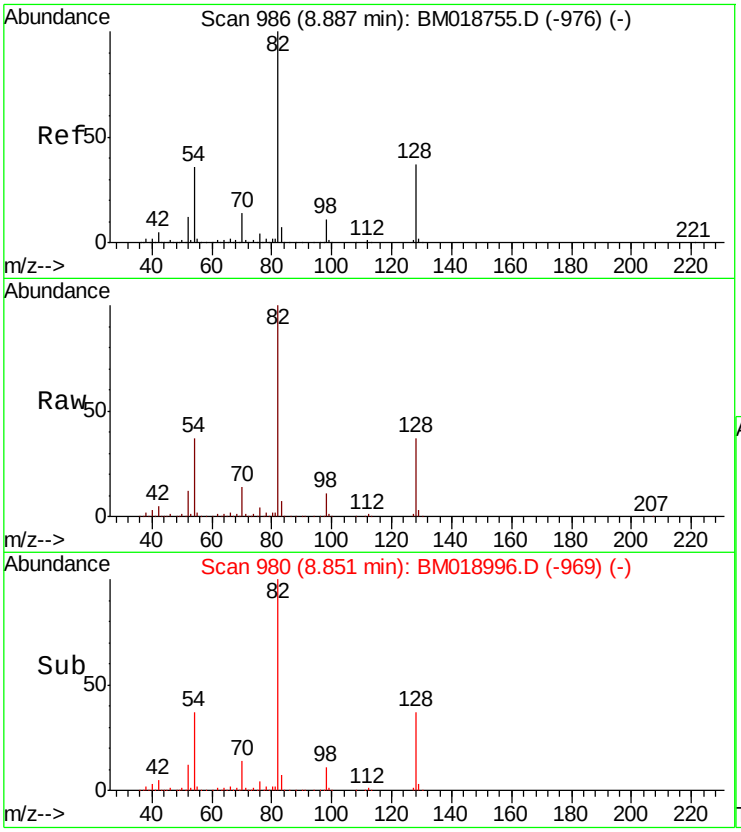


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:136 Resp: 1108069

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.8	5.0	7.6
68	7.5	5.5	8.3



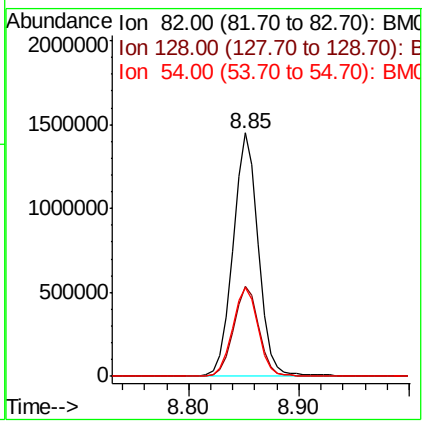


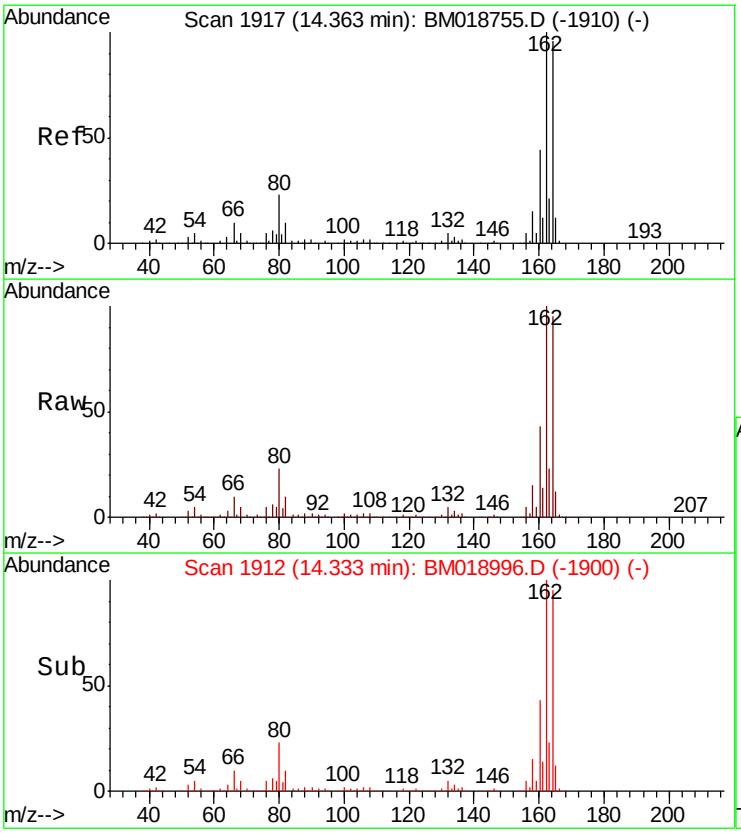
#23
Nitrobenzene-d5
Concen: 97.524 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion: 82 Resp: 2337089

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.9	44.9
54	36.6	29.1	43.7

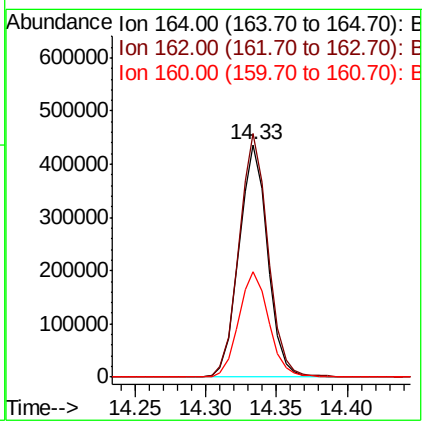


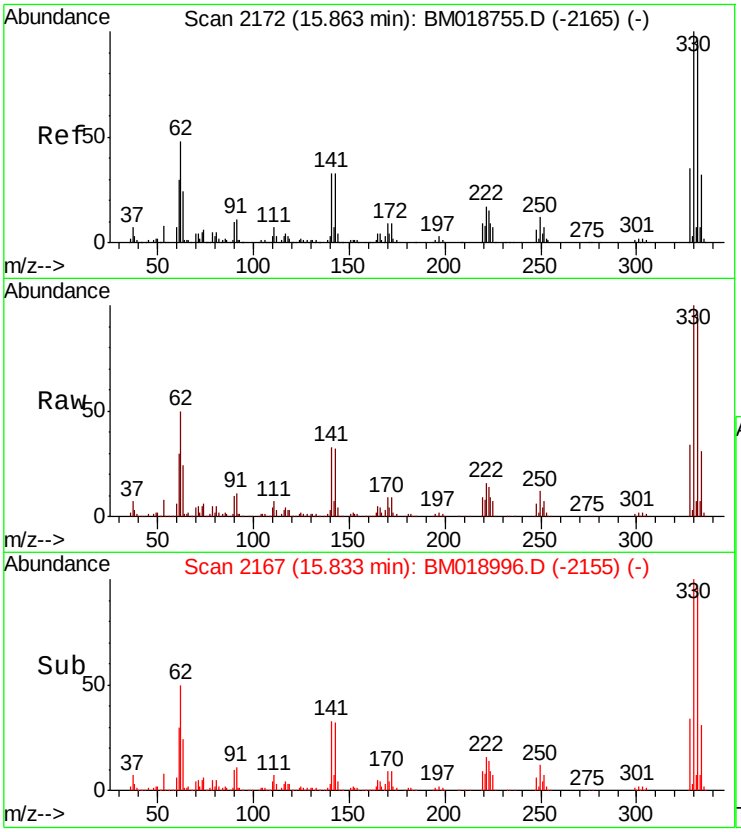


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:164 Resp: 617978

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.4	125.0
160	45.4	36.6	55.0



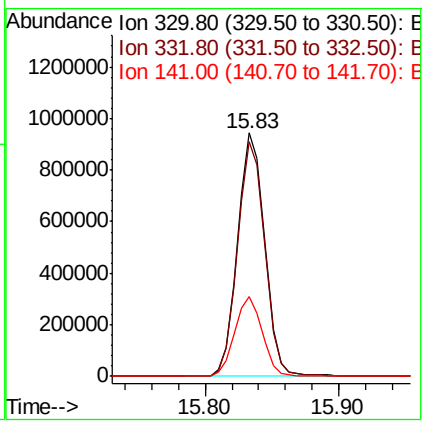


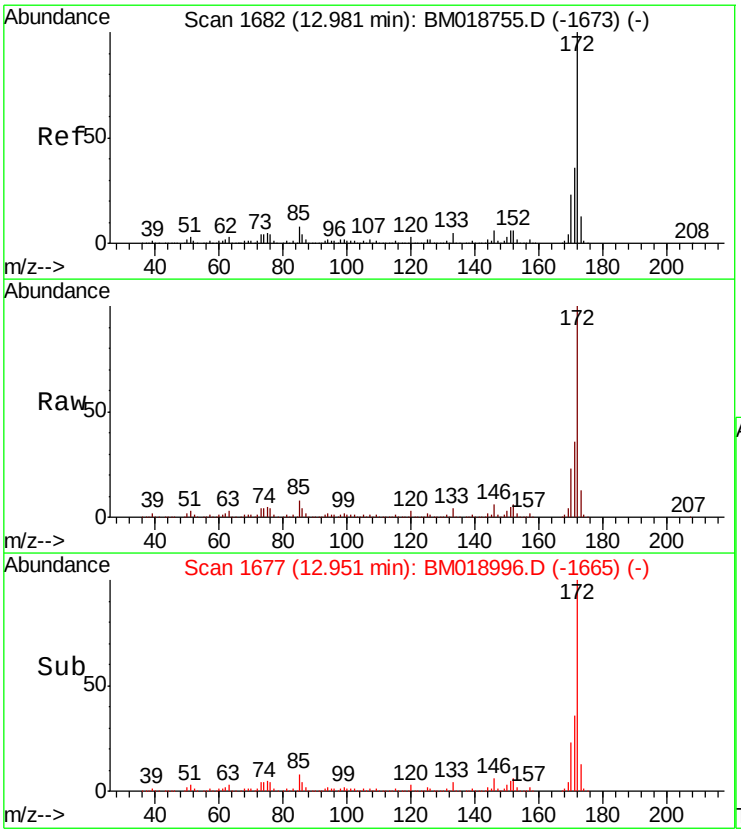
#42
2,4,6-Tribromophenol
Concen: 148.822 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:330 Resp: 1325702

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	33.5	28.7	43.1

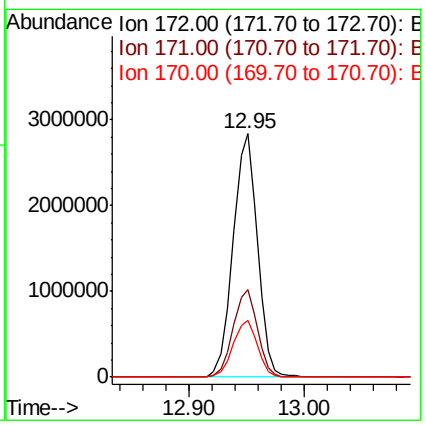


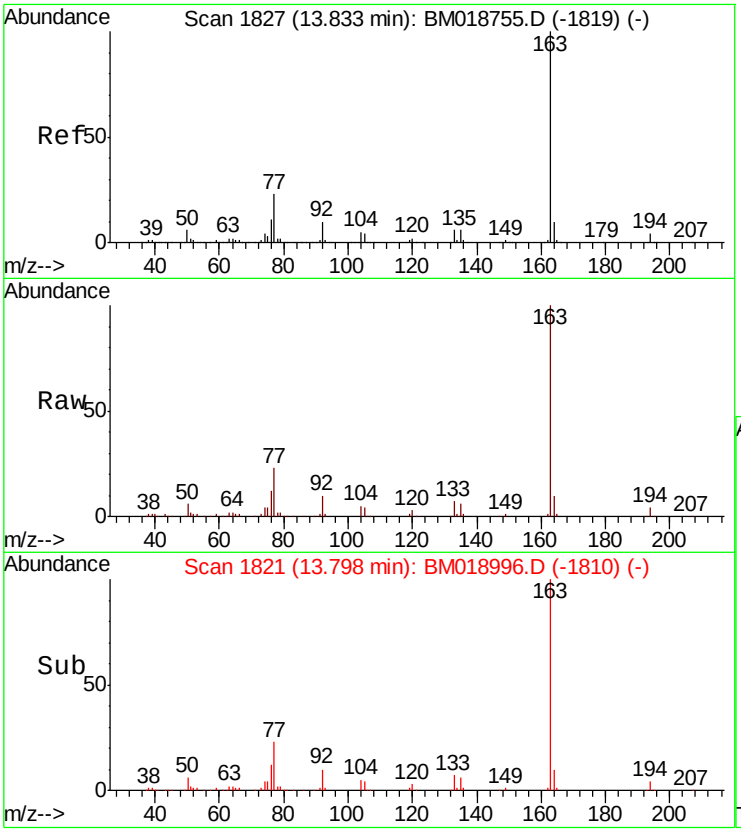


#45
2-Fluorobiphenyl
Concen: 89.300 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:172 Resp: 4157161

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.4	18.6	28.0



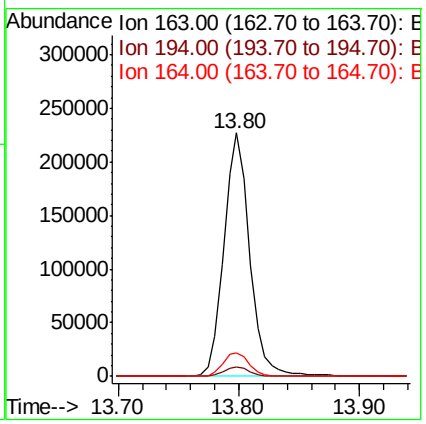


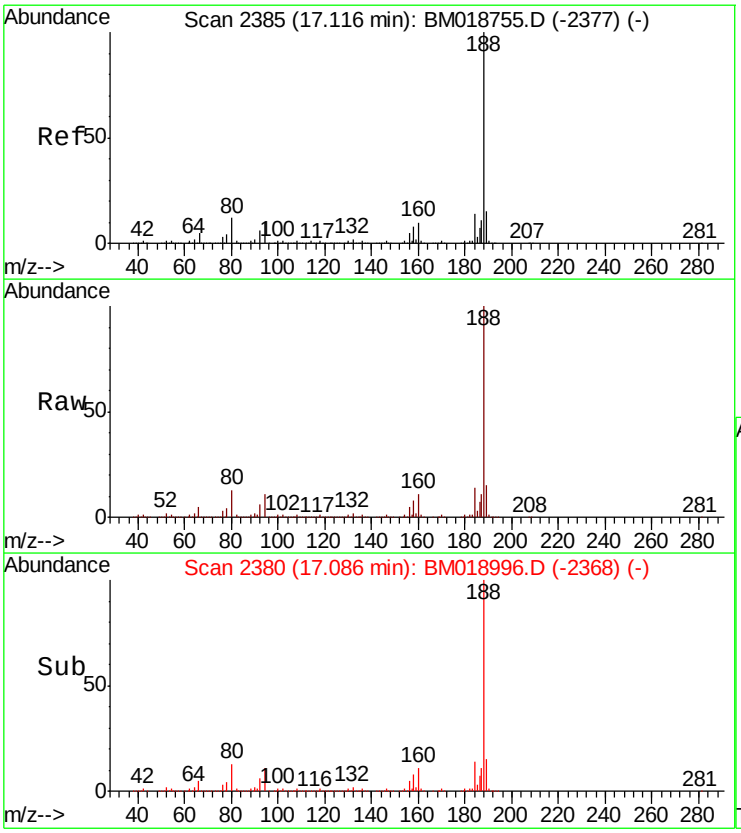
#50
Dimethylphthalate
Concen: 6.498 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:163 Resp: 334642

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.6	7.8	11.8

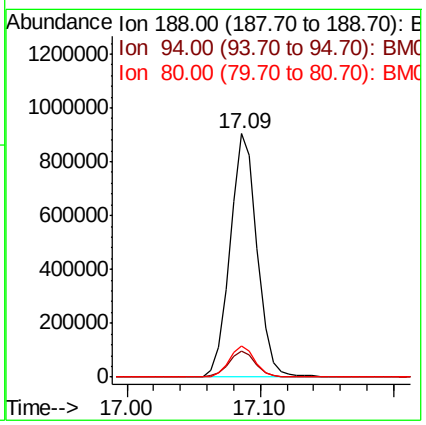


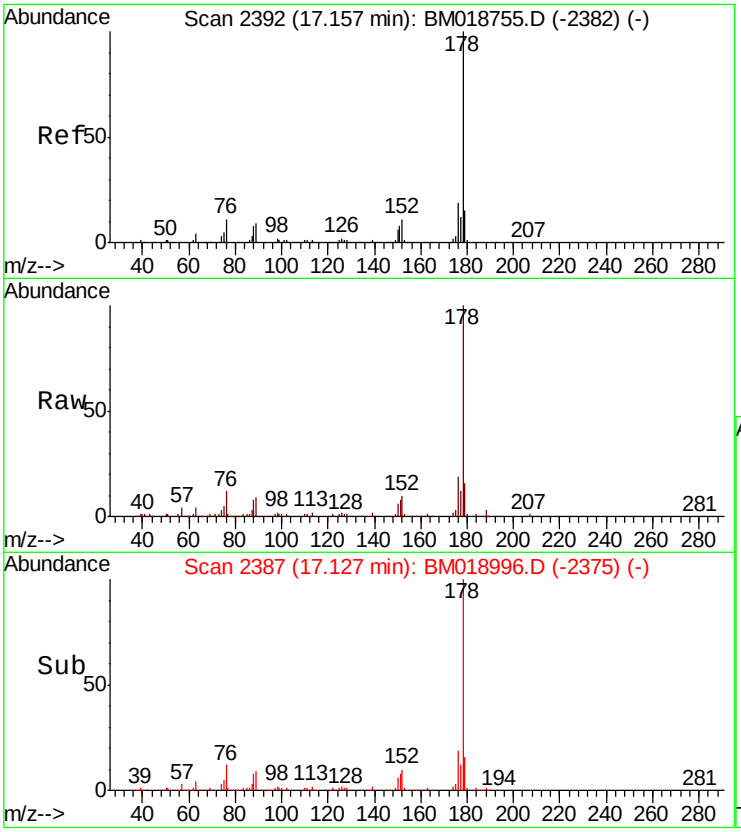


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:188 Resp: 1275643

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	13.0	9.7	14.5



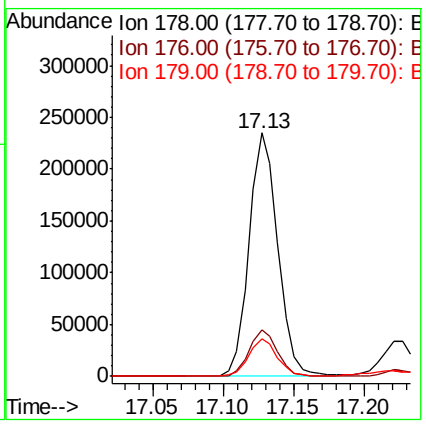


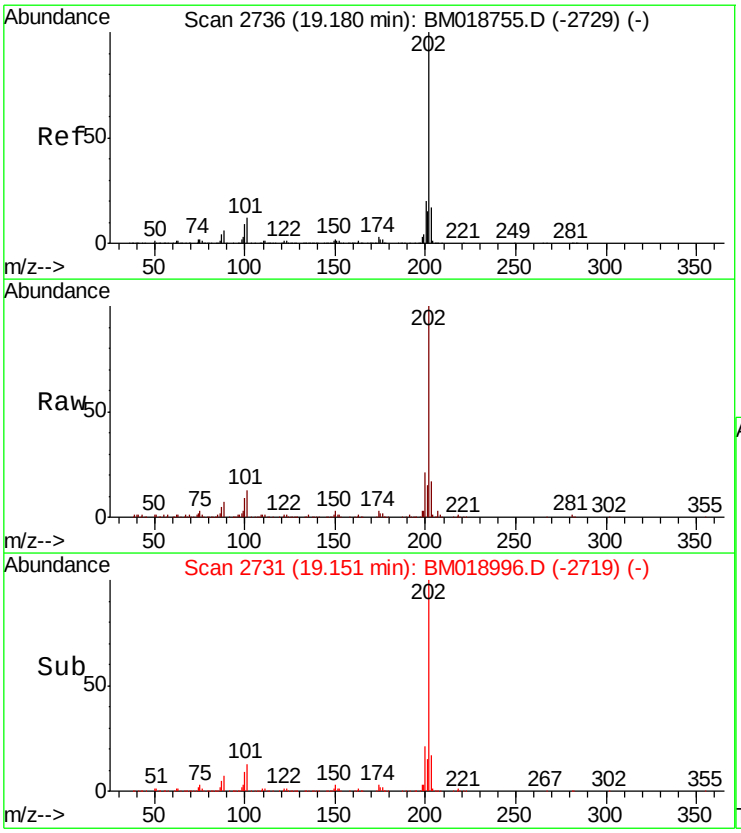
#71
Phenanthrene
Concen: 4.922 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:178 Resp: 337405

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.3	18.5

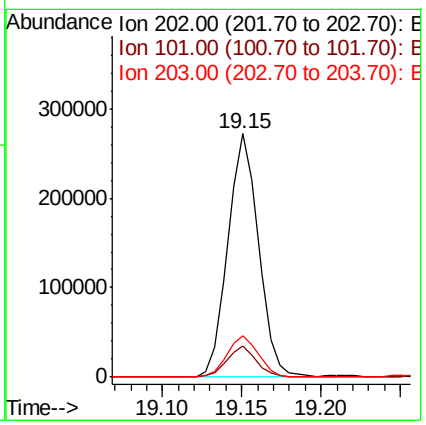


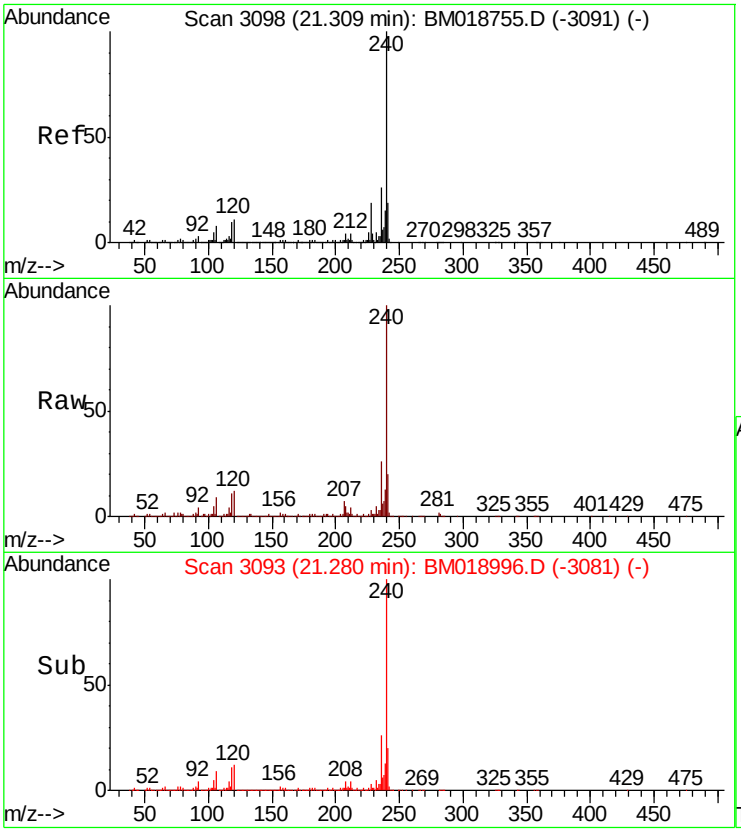


#75
Fluoranthene
Concen: 4.631 ng
RT: 19.15 min Scan# 2731
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:202 Resp: 366695

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	16.9	0.0	37.3



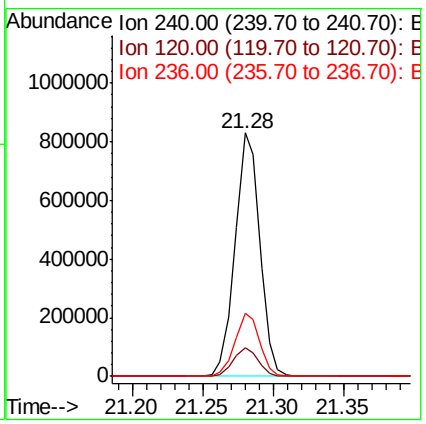


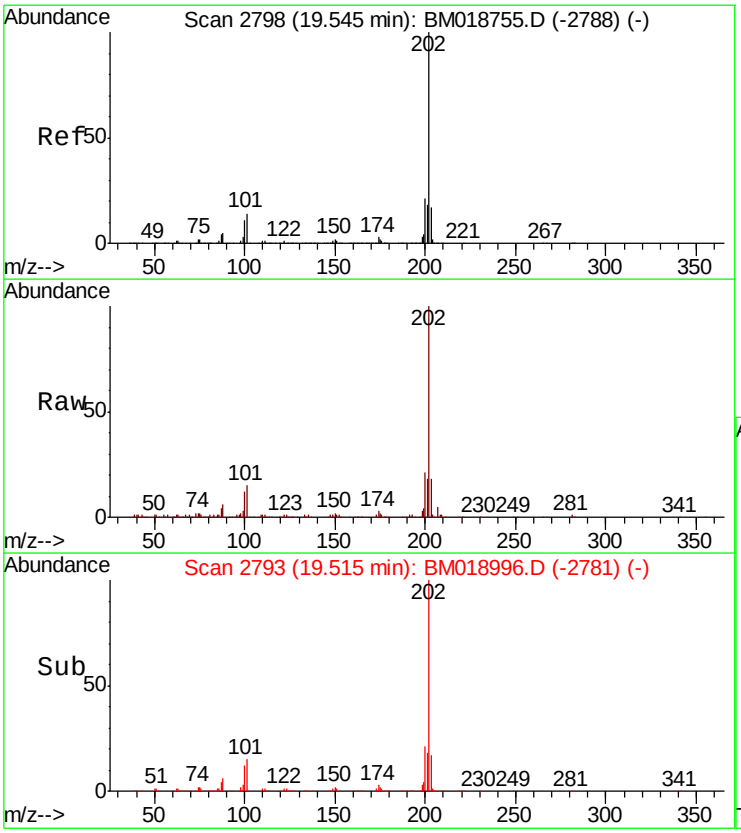
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:240 Resp: 1018000

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.7	20.9	31.3

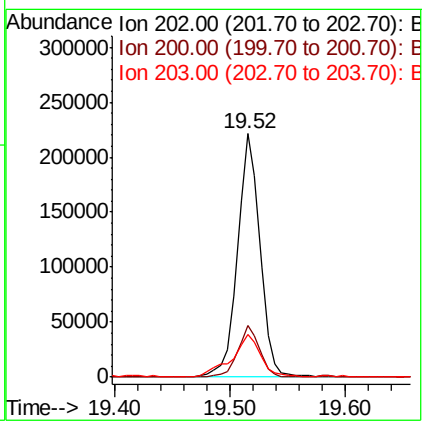


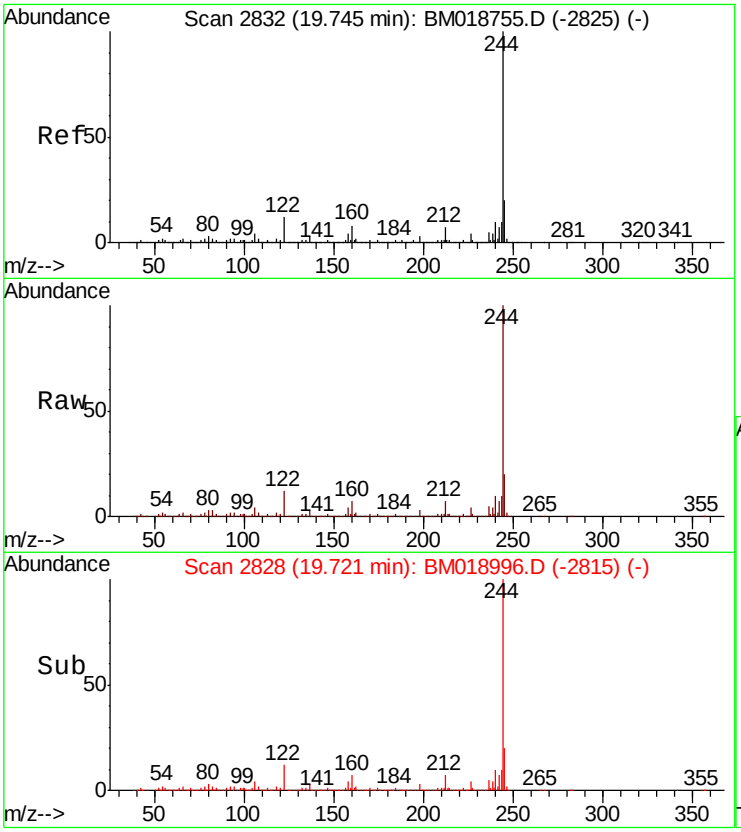


#78
Pyrene
Concen: 5.064 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:202 Resp: 299390

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	13.8	20.8



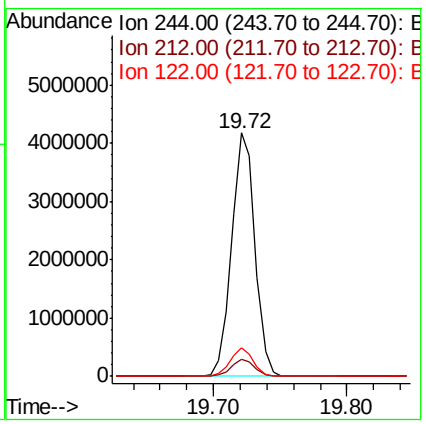


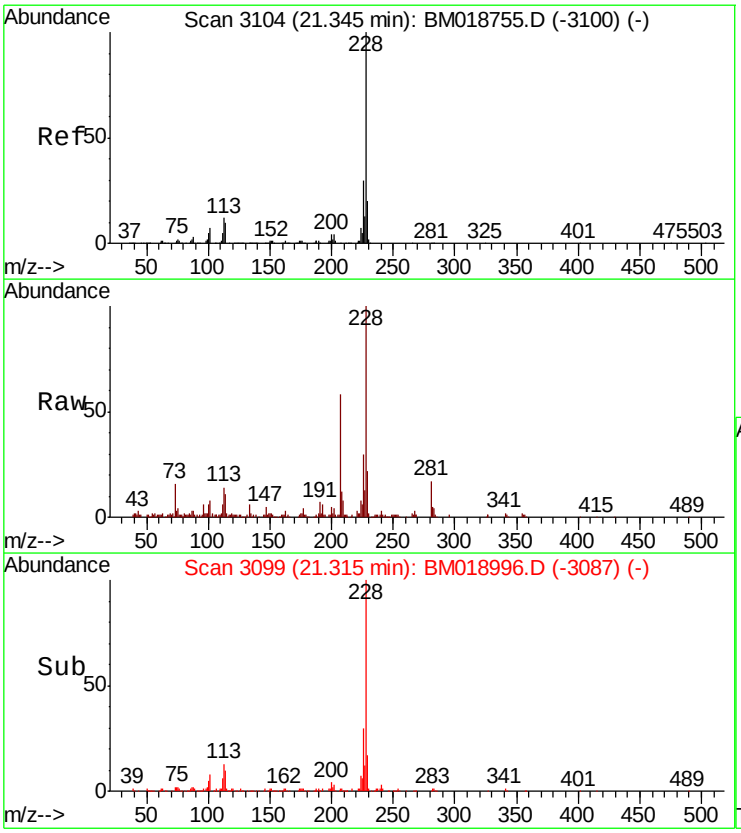
#79
Terphenyl-d14
Concen: 103.001 ng
RT: 19.72 min Scan# 2828
Delta R.T. -0.02 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:244 Resp: 5082886

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	9.3	13.9

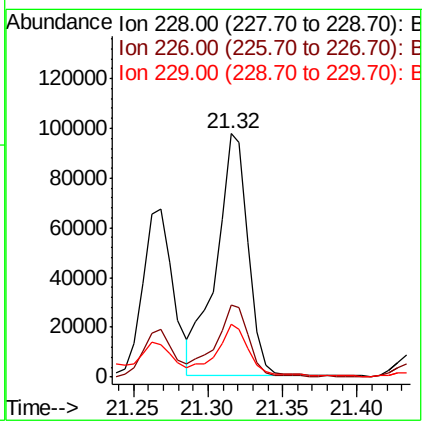


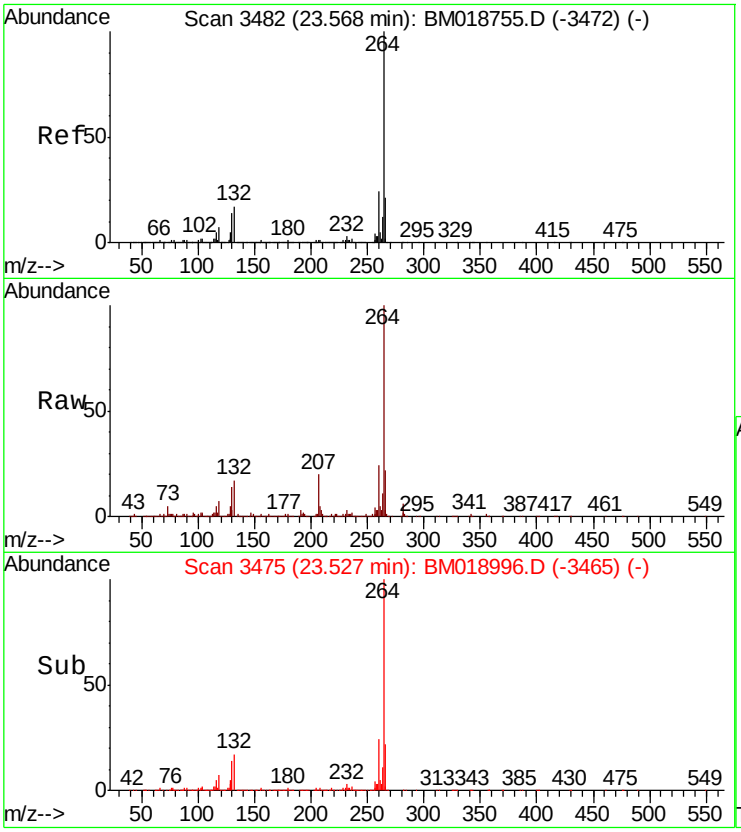


#83
Chrysene
Concen: 2.578 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.03 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:228 Resp: 146639

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.8	16.0	24.0



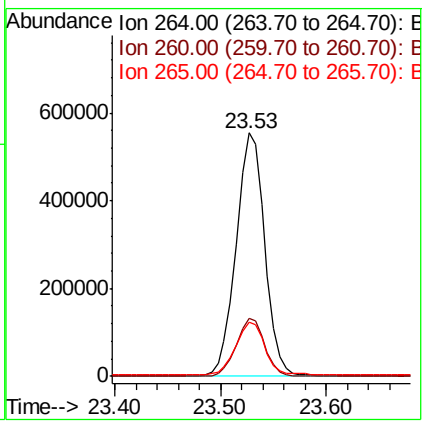


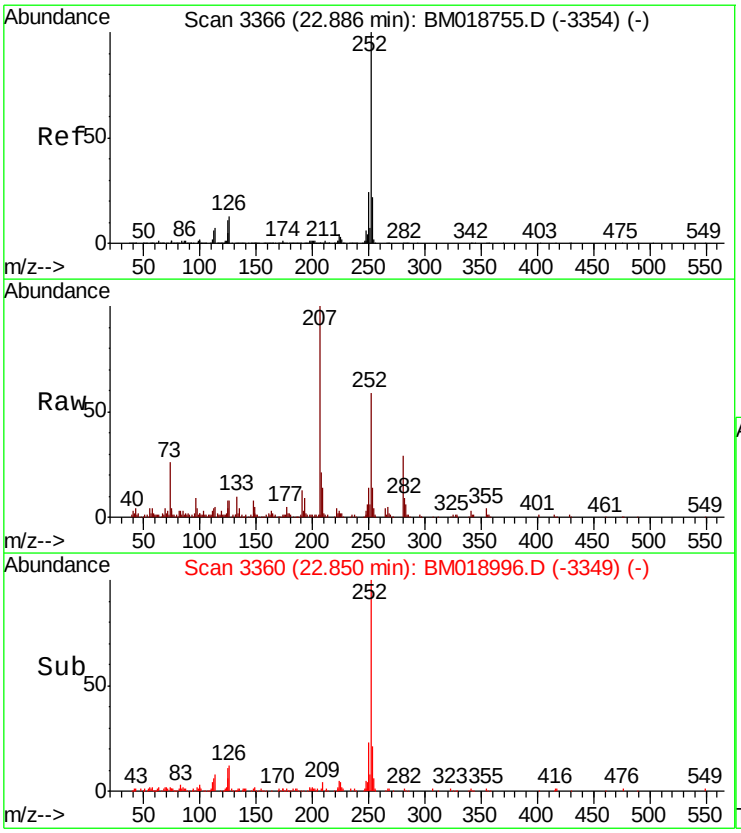
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:264 Resp: 1040905

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.2	17.3	25.9

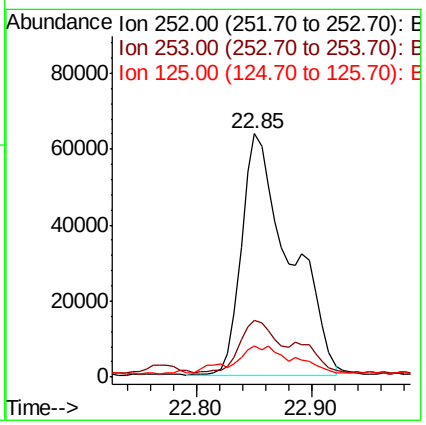


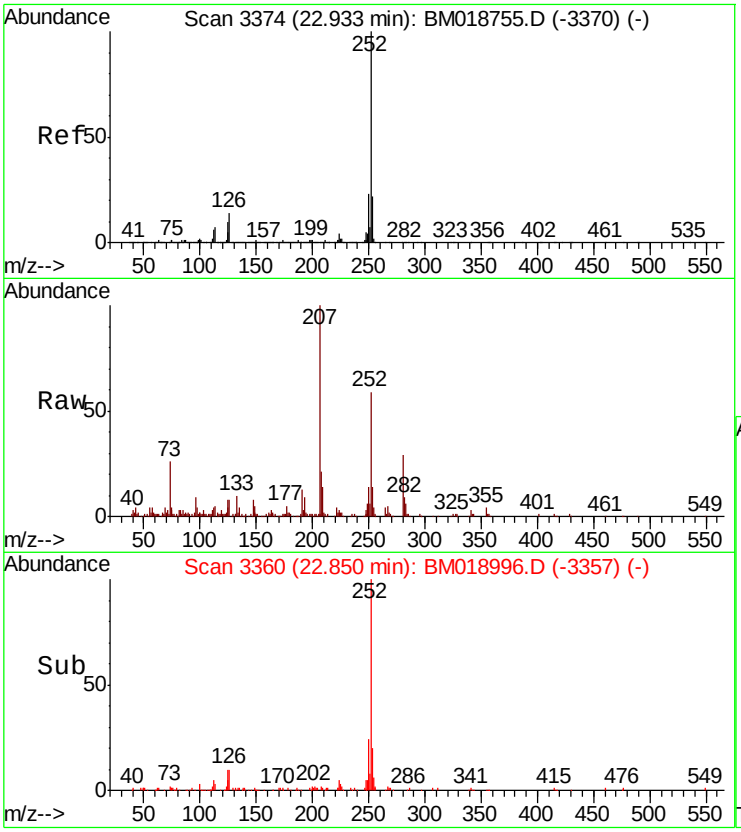


#88
Benzo(b)fluoranthene
Concen: 3.101 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Tgt Ion:252 Resp: 184659

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.7	8.6	12.8





#89
Benzo(k)fluoranthene
Concen: 3.115 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.08 min
Lab File: BM018996.D
Acq: 01 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
200053

Tgt Ion:252 Resp: 184707

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	12.7	8.2	12.4#