Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019058.D
Acq On : 06 Mar 2019 05:28
Operator : JU/SJ
Sample : K1704-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-027-B114-022719

Quant Time: Mar 06 06:50:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	260553	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1020273	20.00	ng		-0.01
39) Acenaphthene-d10	14.33	164	555742	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	1236681	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1253828	20.00	ng		-0.01
87) Perylene-d12	23.52	264	1191356	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1905676	119.84	ng		0.00
7) Phenol-d6	6.85	99	2654894	118.51	ng		0.00
23) Nitrobenzene-d5	8.84	82	1661917	75.32	ng		-0.01
42) 2,4,6-Tribromophenol	15.83	330	980782	122.43	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	3003737	71.75	ng		-0.01
79) Terphenyl-d14	19.72	244	4300377	70.75	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.88	94	203267	8.623	ng		100
50) Dimethylphthalate	13.79	163	165127	3.565	ng		100
71) Phenanthrene	17.12	178	241961	3.641	ng		100
75) Fluoranthene	19.14	202	370926	4.832	ng		99
78) Pyrene	19.51	202	338790	4.652	ng		99
81) Benzo(a)anthracene	21.26	228	189203	2.589	ng		97
83) Chrysene	21.32	228	166899	2.382	ng		98
88) Benzo(b)fluoranthene	22.84	252	185429	2.720	ng	#	94
90) Benzo(a)pyrene	23.42	252	129257	2.002	ng	#	95

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

Quantitation Report (LSC Reviewed)

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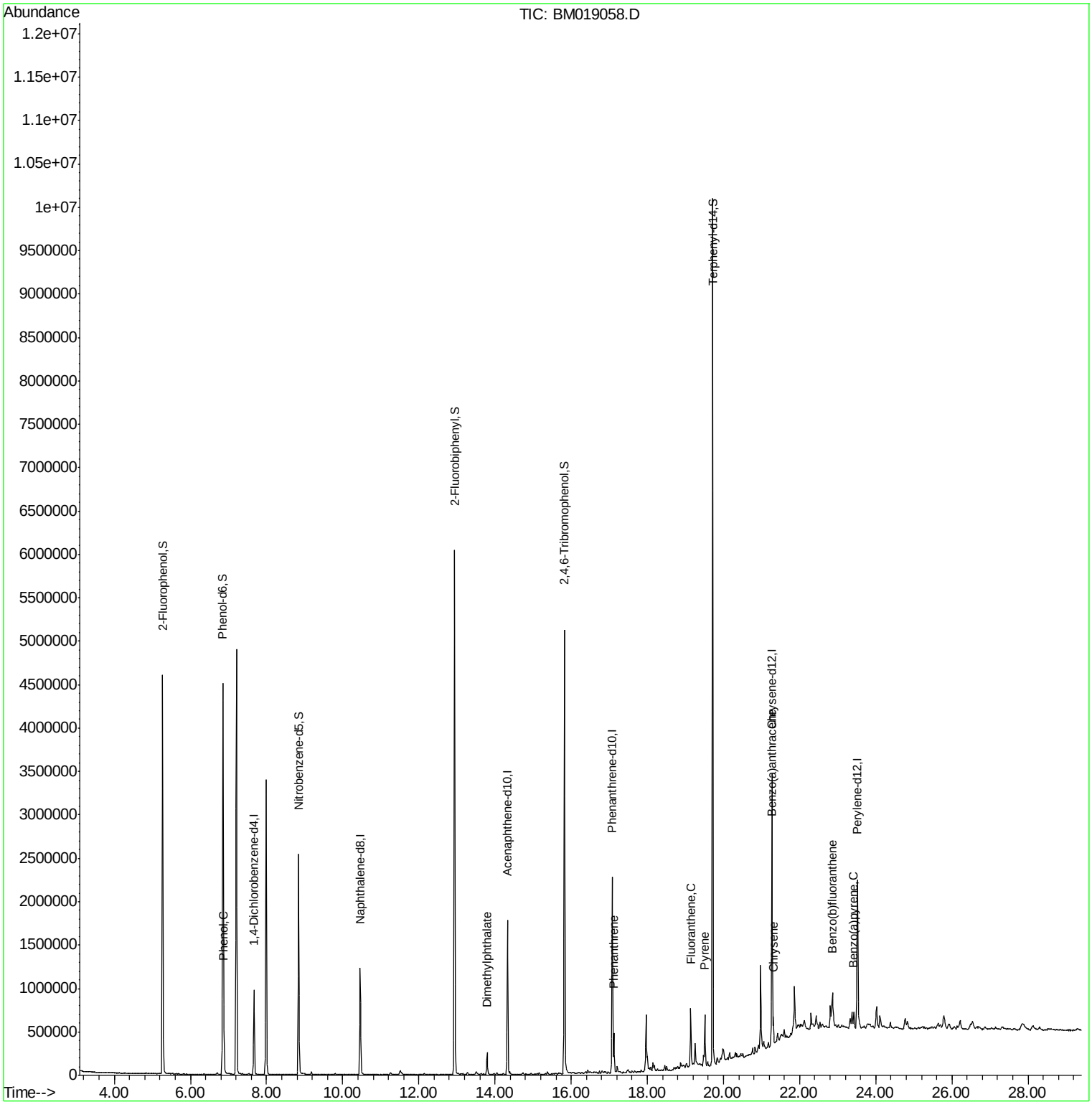
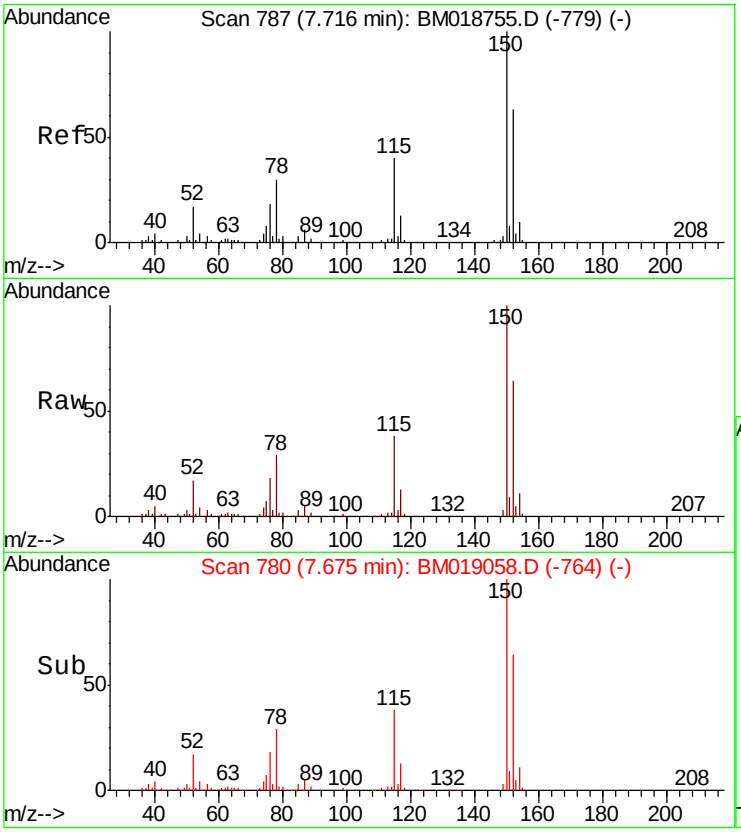
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Quant Time: Mar 06 06:50:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration



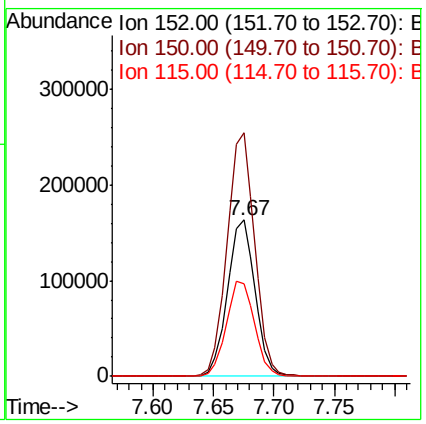


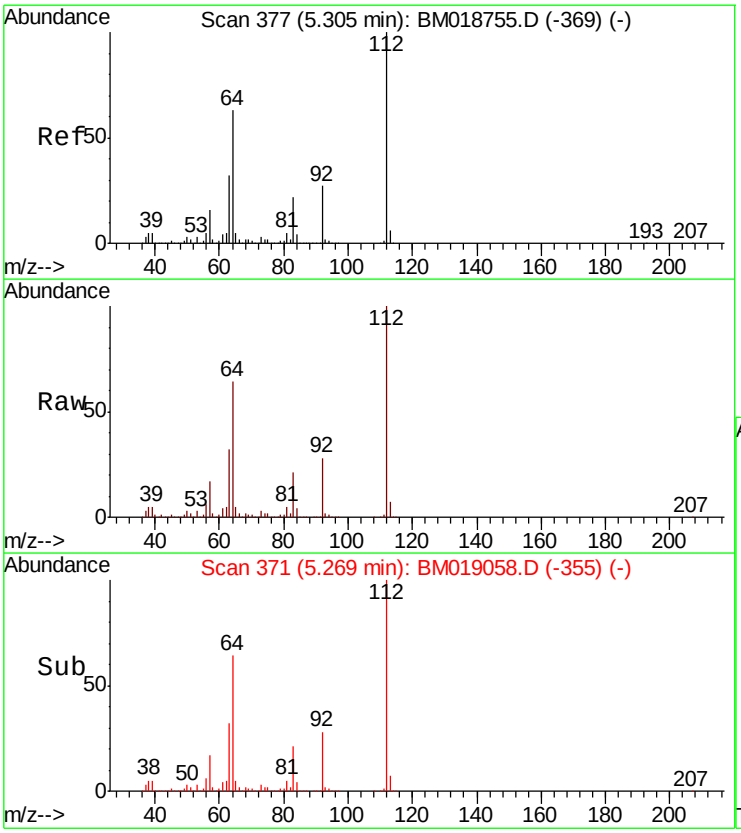
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:152 Resp: 260553

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	59.5	50.8	76.2

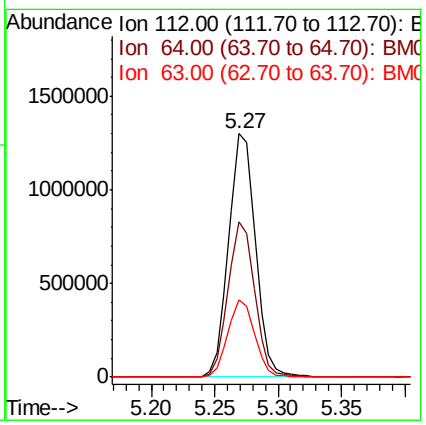


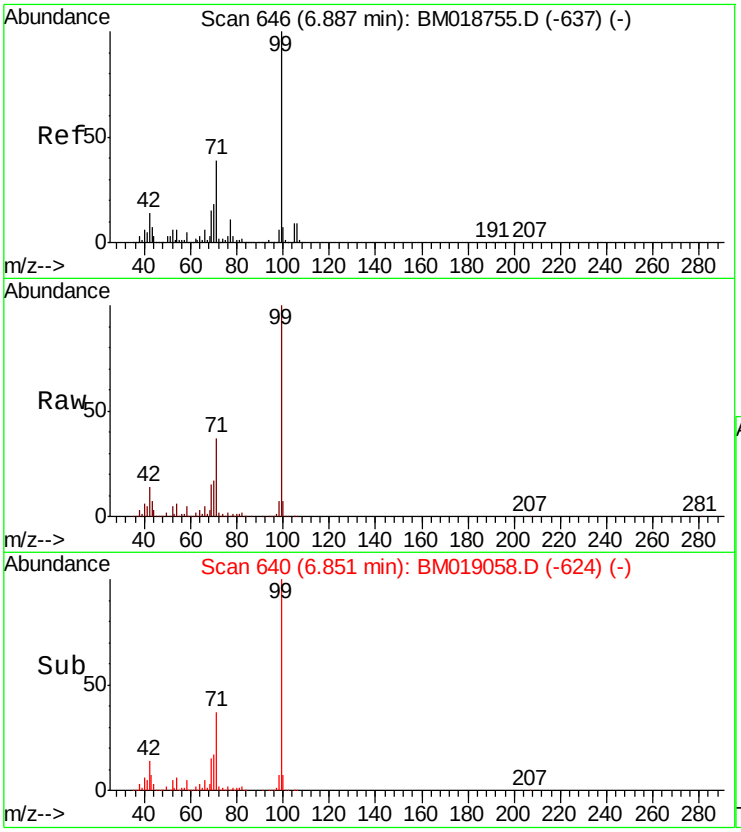


#5
2-Fluorophenol
Concen: 119.837 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:112 Resp: 1905676

Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	31.7	25.7	38.5



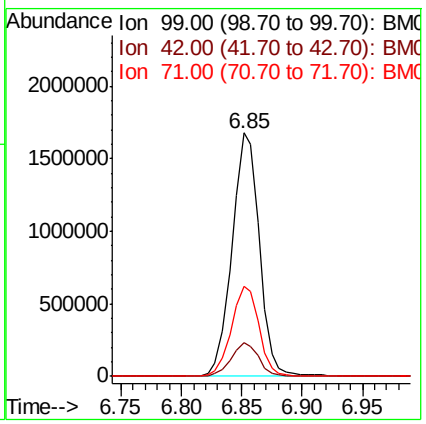


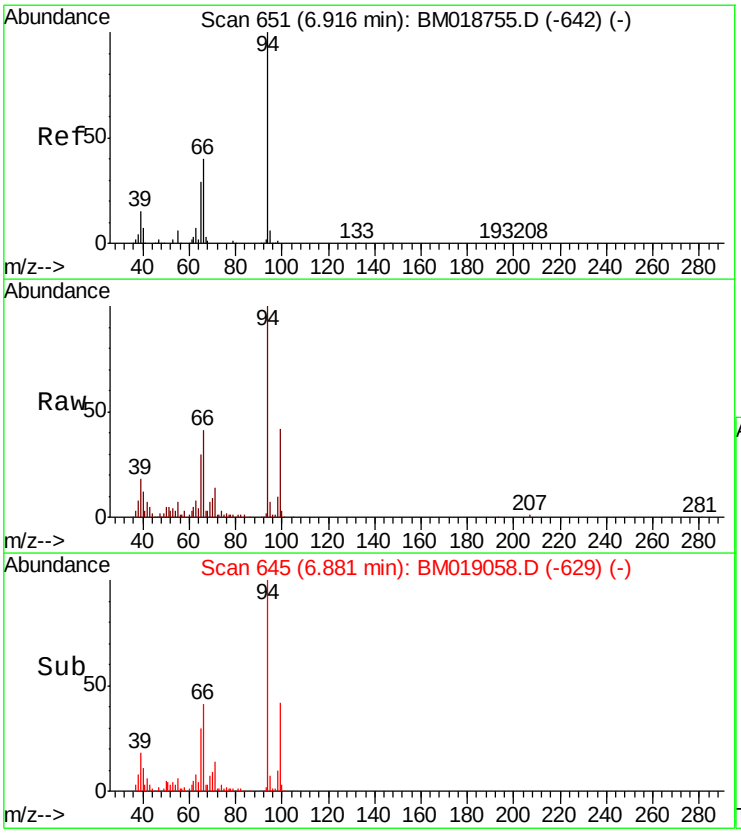
#7
Phenol-d6
Concen: 118.510 ng
RT: 6.85 min Scan# 640
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion: 99 Resp: 2654894

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.6
71	37.2	31.3	46.9

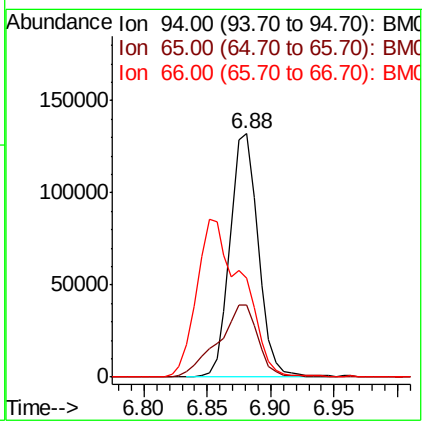


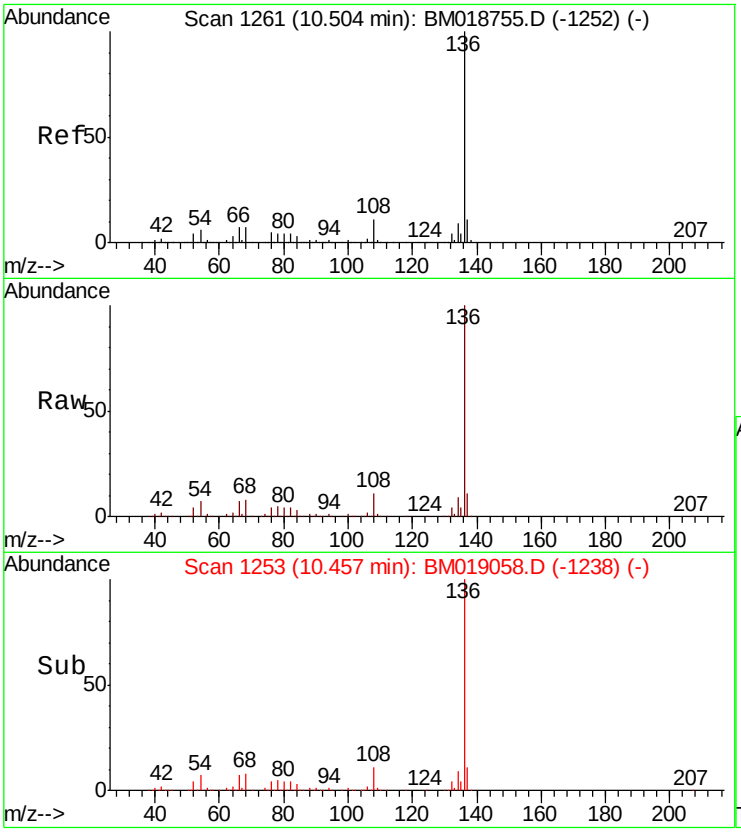


#10
Phenol
Concen: 8.623 ng
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion: 94 Resp: 203267

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.6	49.6
66	40.6	20.4	60.4



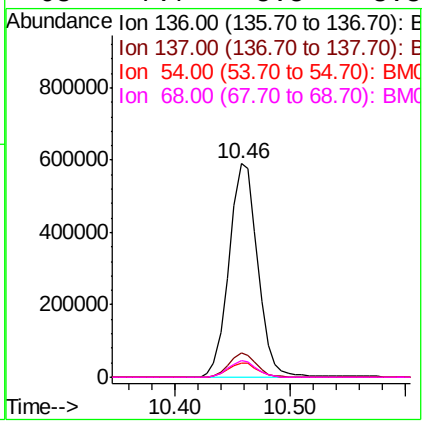


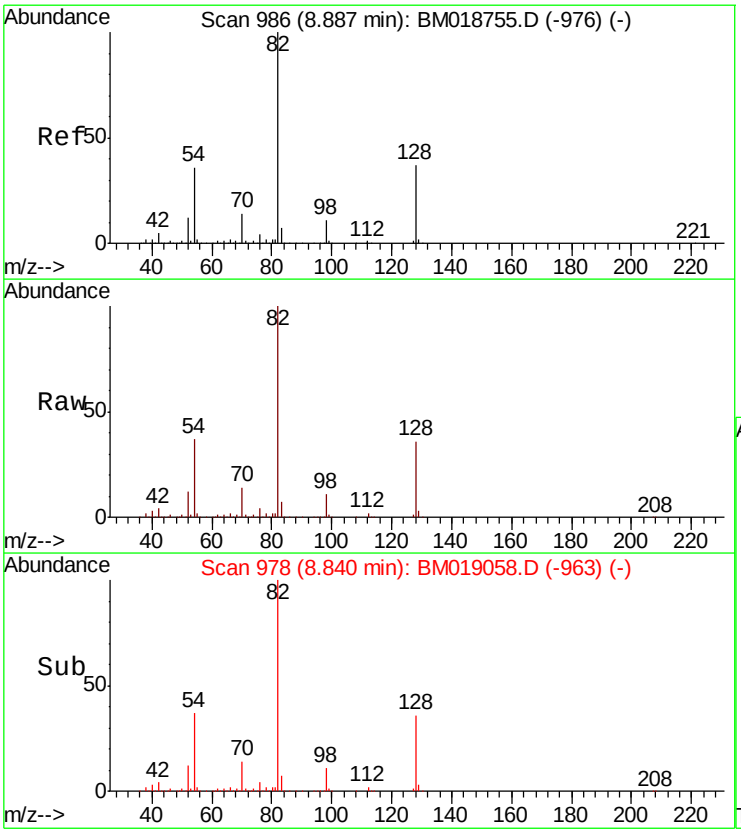
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:136 Resp: 1020273

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.9	5.0	7.6
68	7.7	5.5	8.3

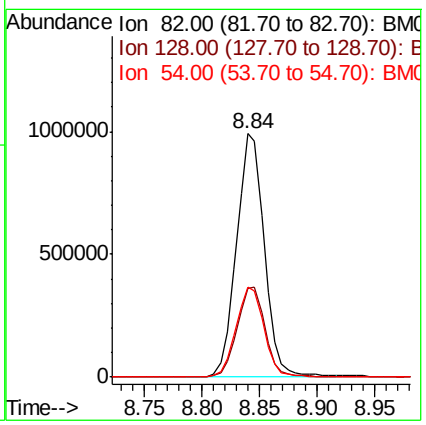


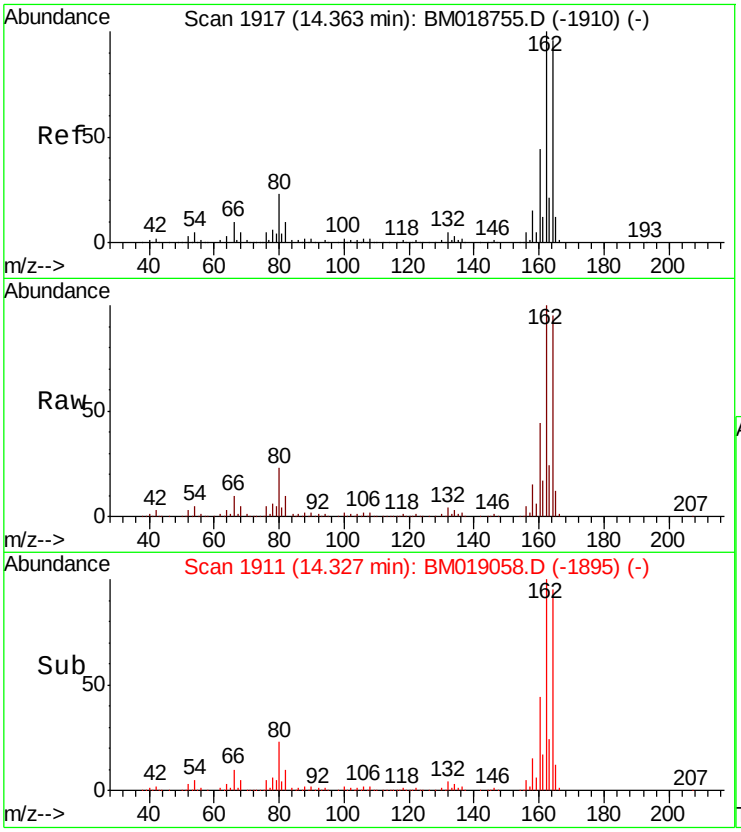


#23
Nitrobenzene-d5
Concen: 75.318 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion: 82 Resp: 1661917

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.9	44.9
54	36.9	29.1	43.7



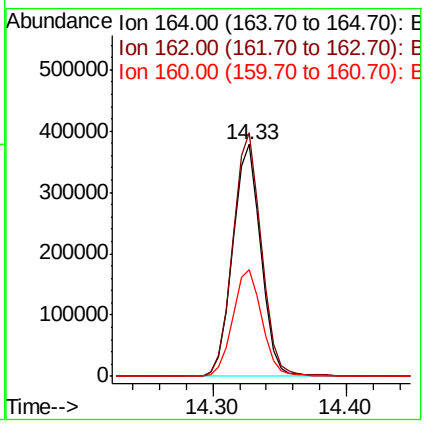


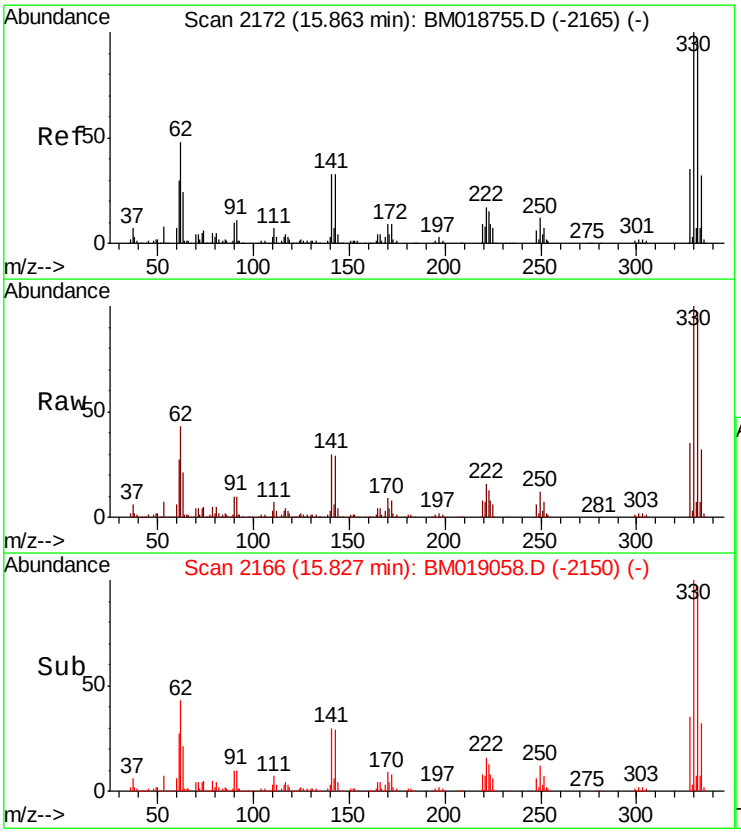
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:164 Resp: 555742

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.4	125.0
160	45.8	36.6	55.0

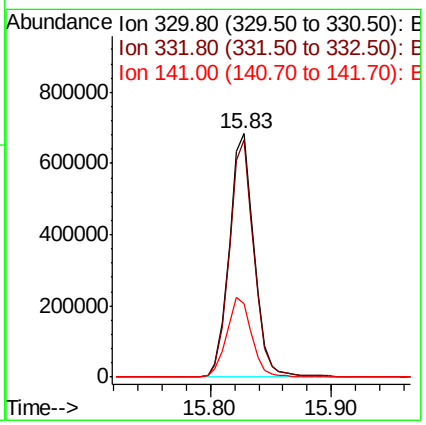


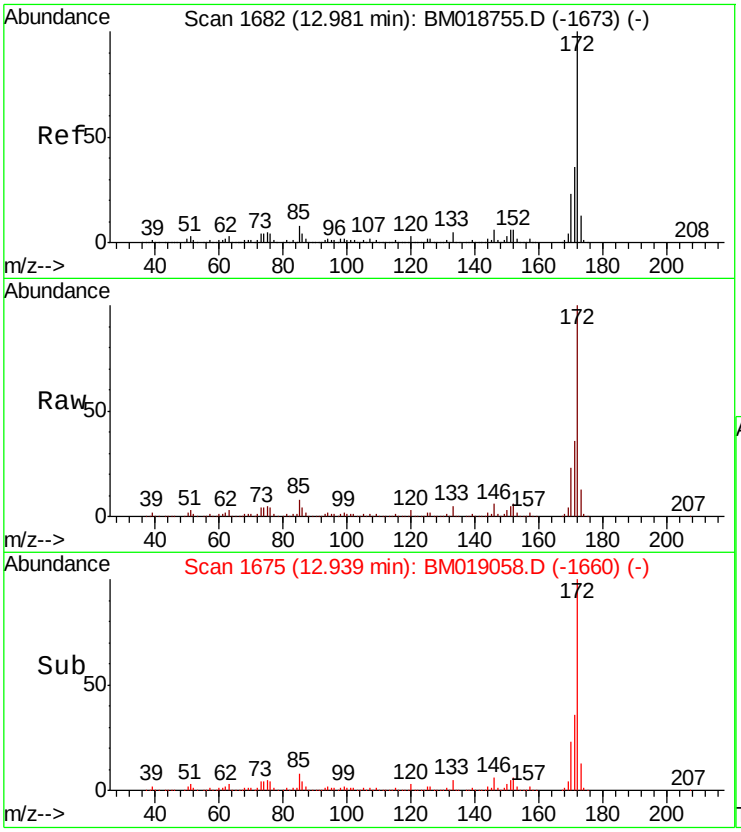


#42
2,4,6-Tribromophenol
Concen: 122.431 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:330 Resp: 980782

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	33.2	28.7	43.1



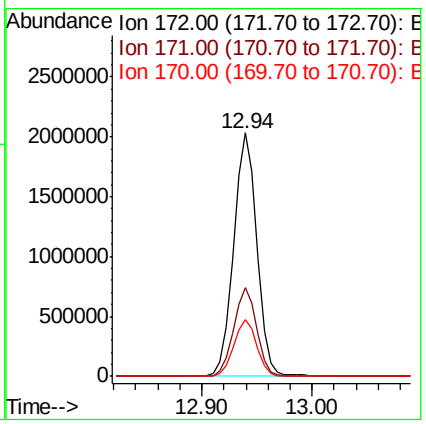


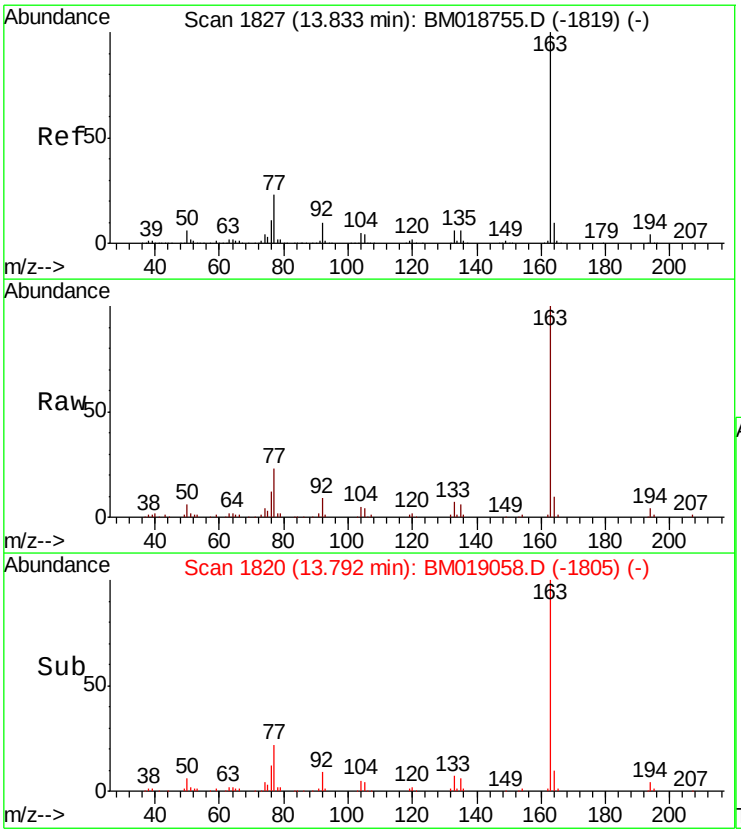
#45
2-Fluorobiphenyl
Concen: 71.749 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:172 Resp: 3003737

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	23.3	18.6	28.0

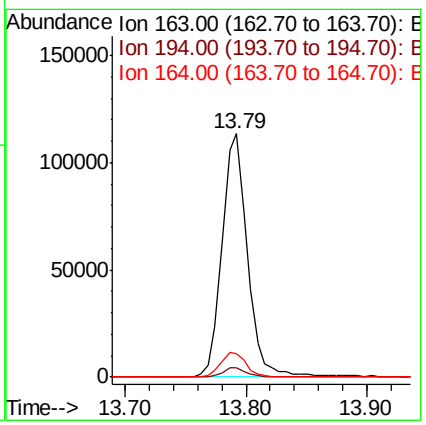


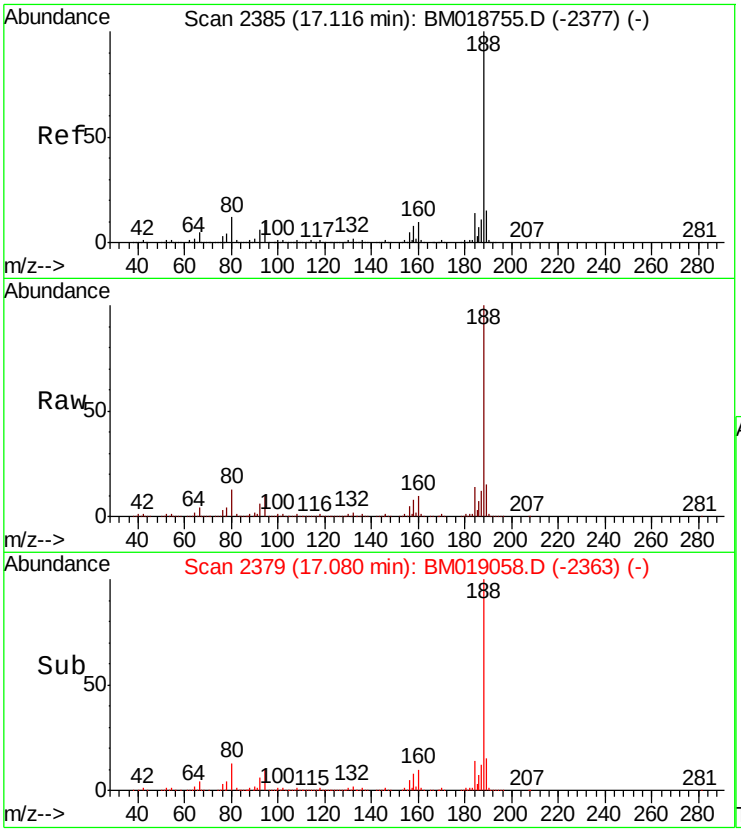


#50
Dimethylphthalate
Concen: 3.565 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:163 Resp: 165127

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



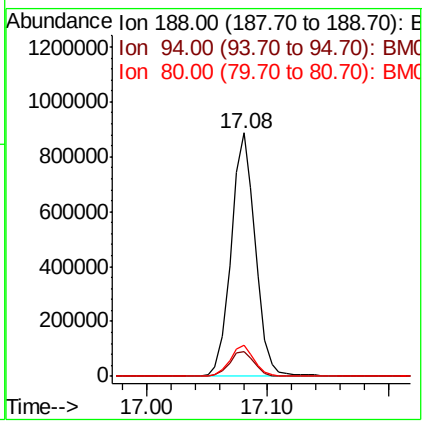


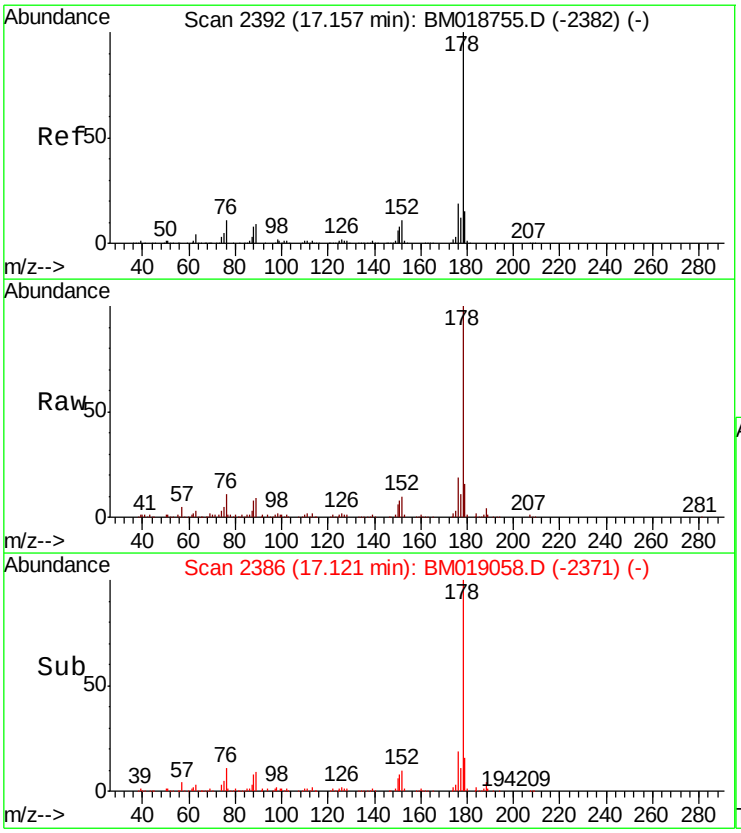
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:188 Resp: 1236681

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.5	9.7	14.5

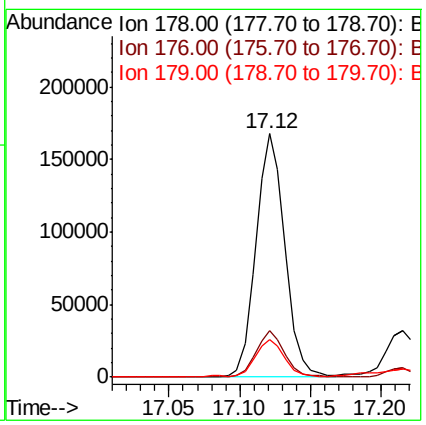


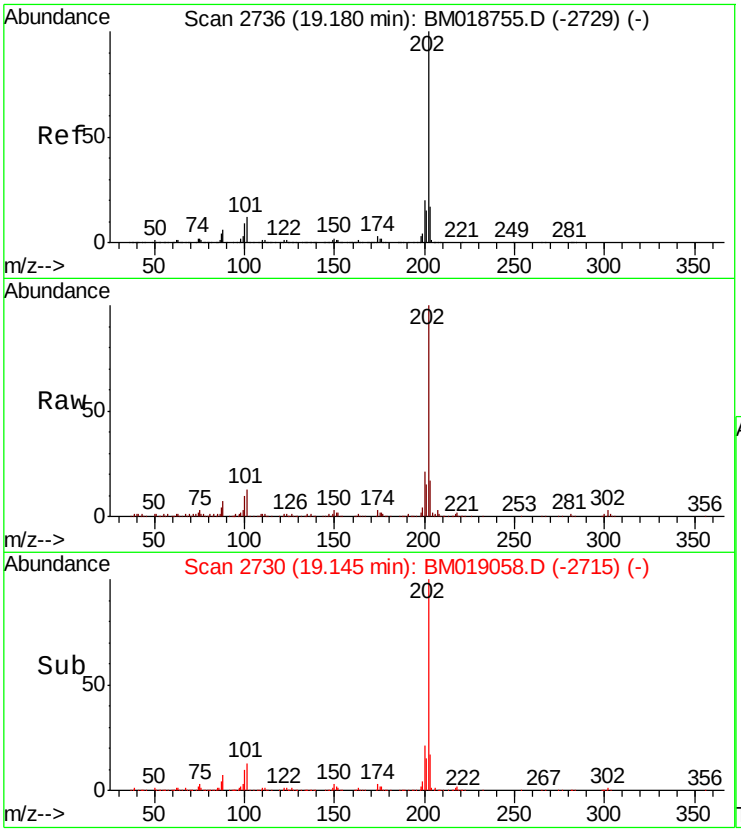


#71
Phenanthrene
Concen: 3.641 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:178 Resp: 241961

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.3	18.5



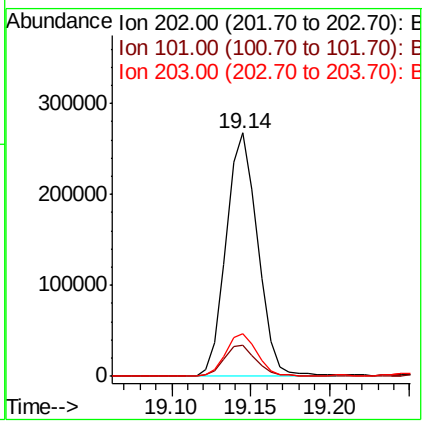


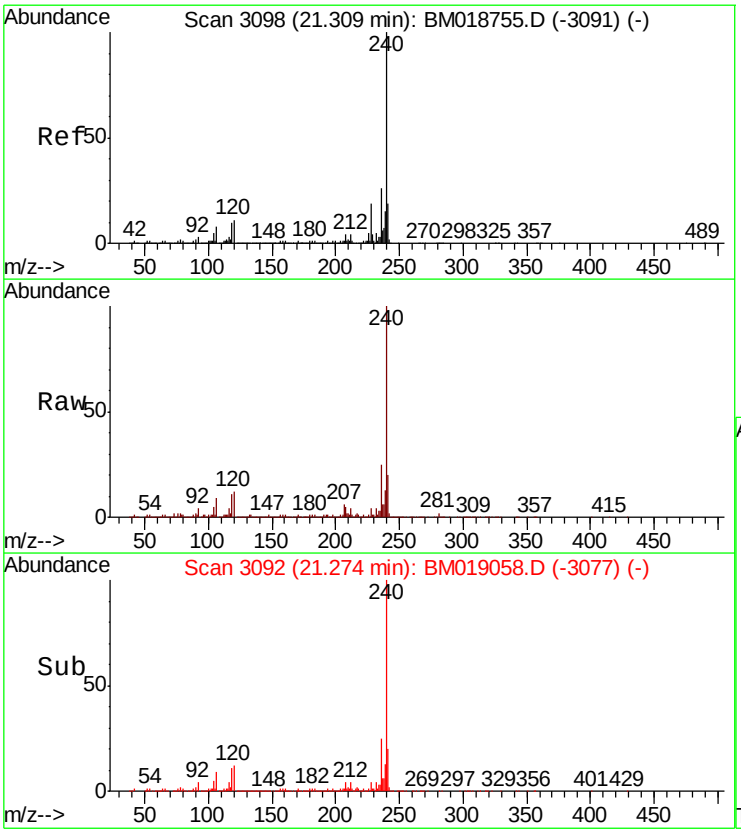
#75
Fluoranthene
Concen: 4.832 ng
RT: 19.14 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:202 Resp: 370926

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	17.3	0.0	37.3

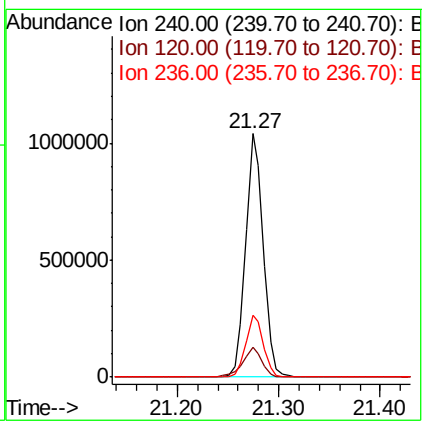


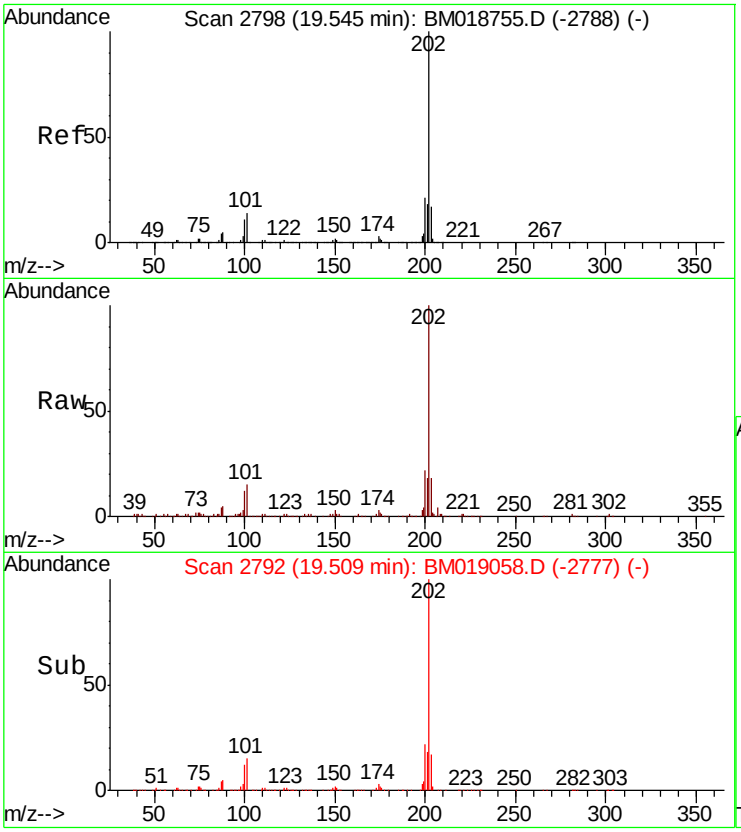


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:240 Resp: 1253828

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	25.5	20.9	31.3



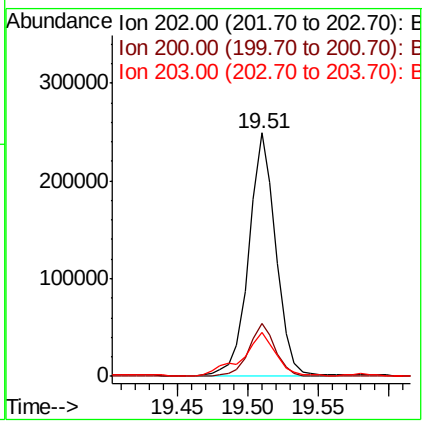


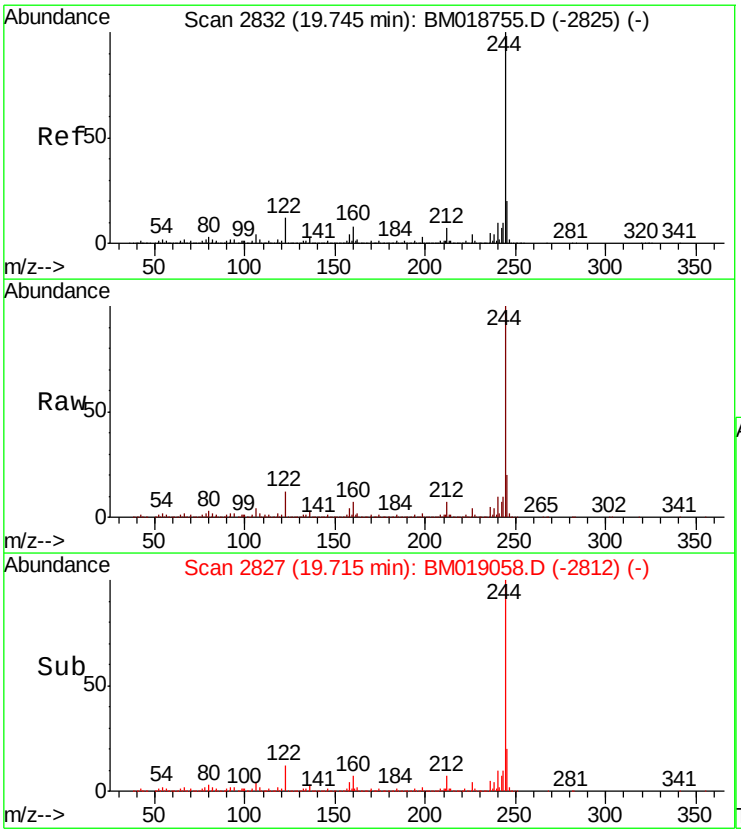
#78
Pyrene
Concen: 4.652 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:202 Resp: 338790

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.9	13.8	20.8

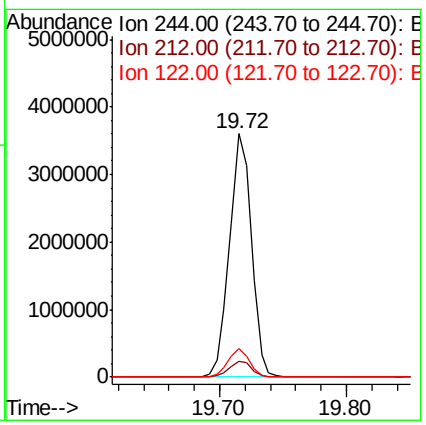


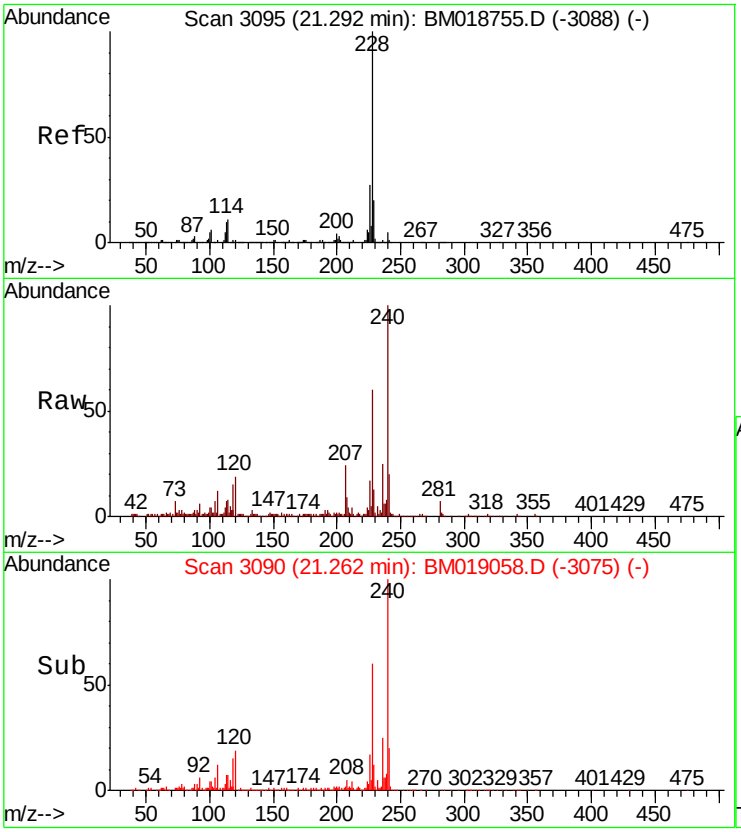


#79
Terphenyl-d14
Concen: 70.753 ng
RT: 19.72 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:244 Resp: 4300377

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.6	9.3	13.9



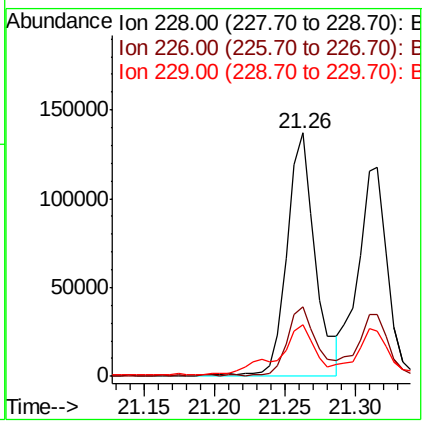


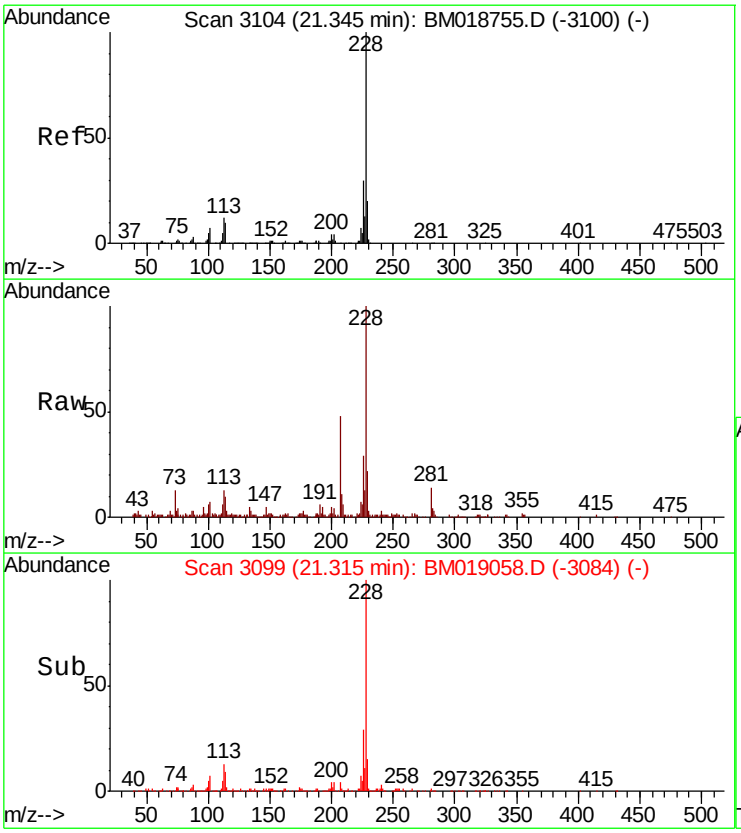
#81
Benzo(a)anthracene
Concen: 2.589 ng
RT: 21.26 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:228 Resp: 189203

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.9	32.9
229	21.3	15.9	23.9

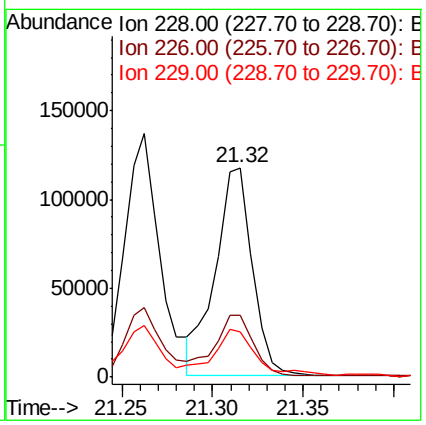


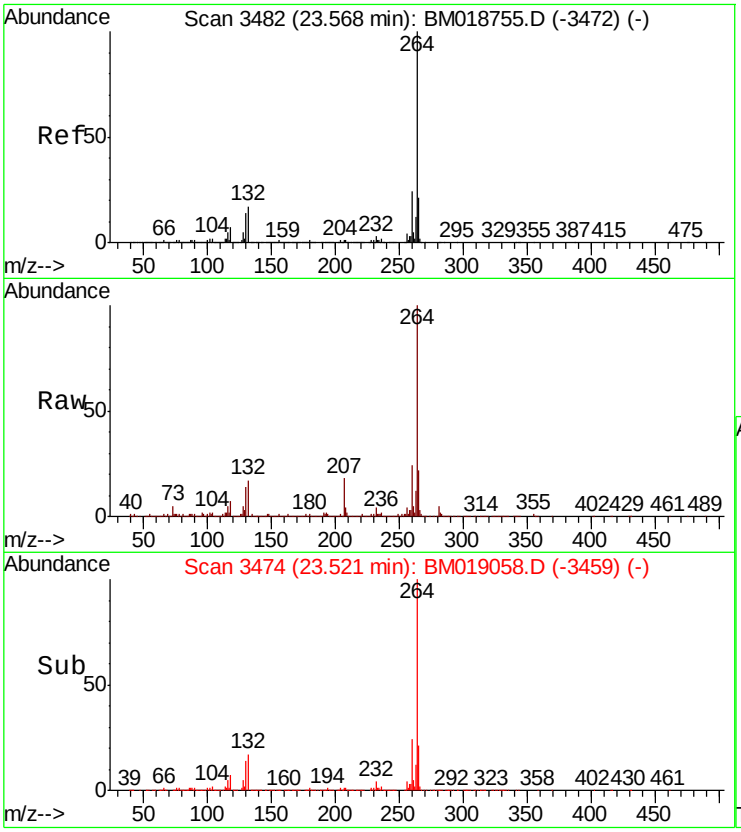


#83
Chrysene
Concen: 2.382 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:228 Resp: 166899

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	21.6	16.0	24.0



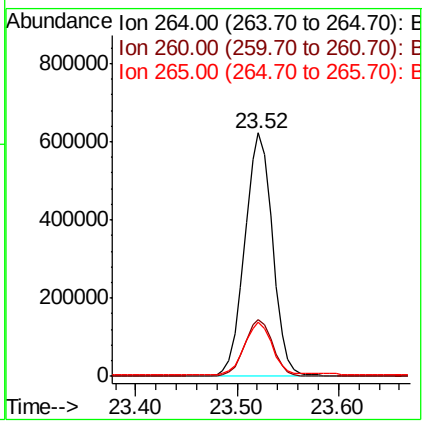


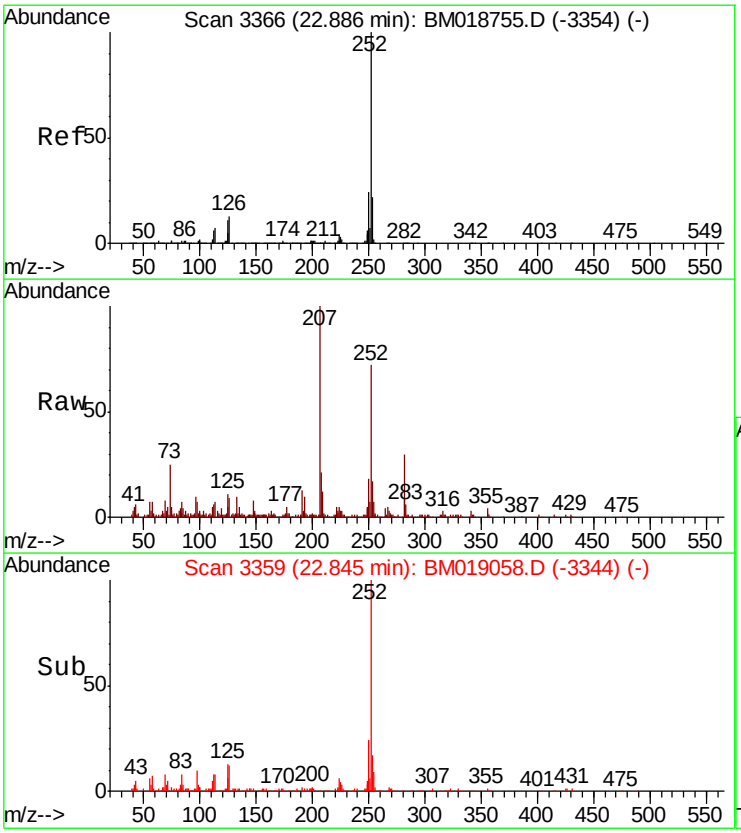
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:264 Resp: 1191356

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.3	25.9

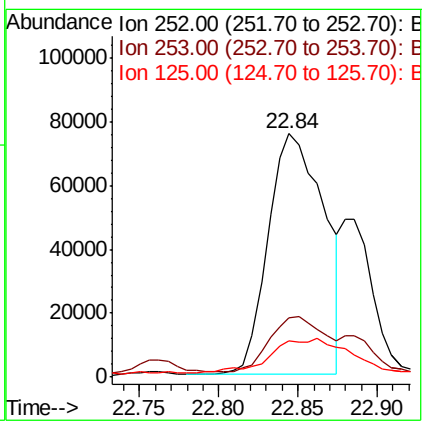


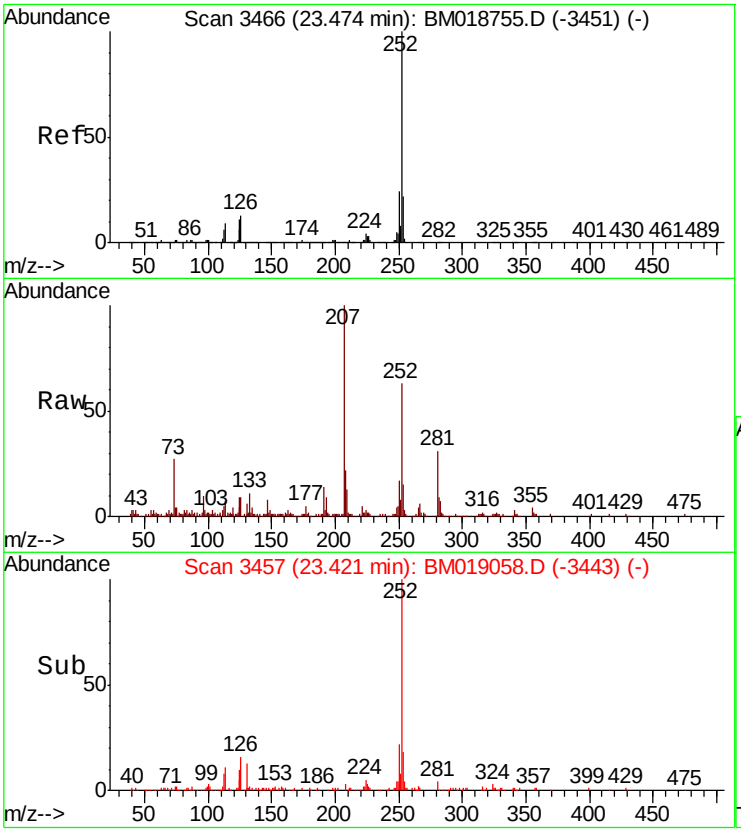


#88
Benzo(b)fluoranthene
Concen: 2.720 ng
RT: 22.84 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Tgt Ion:252 Resp: 185429

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.9	8.6	12.8#





#90
Benzo(a)pyrene
Concen: 2.002 ng
RT: 23.42 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BM019058.D
Acq: 06 Mar 2019 05:28

Instrument :
BNA_M
ClientSampleId :
PST-027-B114-022719

Tgt Ion:252 Resp: 129257

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	13.6	8.6	13.0#