Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020637.D
Acq On : 31 May 2019 18:59
Operator : JU/SJ
Sample : K3065-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16-COMP

Quant Time: Jun 01 04:00:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	357980	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1317808	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	604213	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1210906	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1192587	20.00	ng	0.00
87) Perylene-d12	23.69	264	1395432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	948118	46.59	ng	0.00
7) Phenol-d6	7.00	99	2371370	79.14	ng	0.00
23) Nitrobenzene-d5	8.99	82	1559427	61.31	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	240862	32.17	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	2546078	56.02	ng	0.00
79) Terphenyl-d14	19.84	244	2931114	41.11	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.93	163	167996	3.254	ng	100
75) Fluoranthene	19.27	202	192723	2.525	ng	98
78) Pyrene	19.63	202	226588	2.476	ng	98

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

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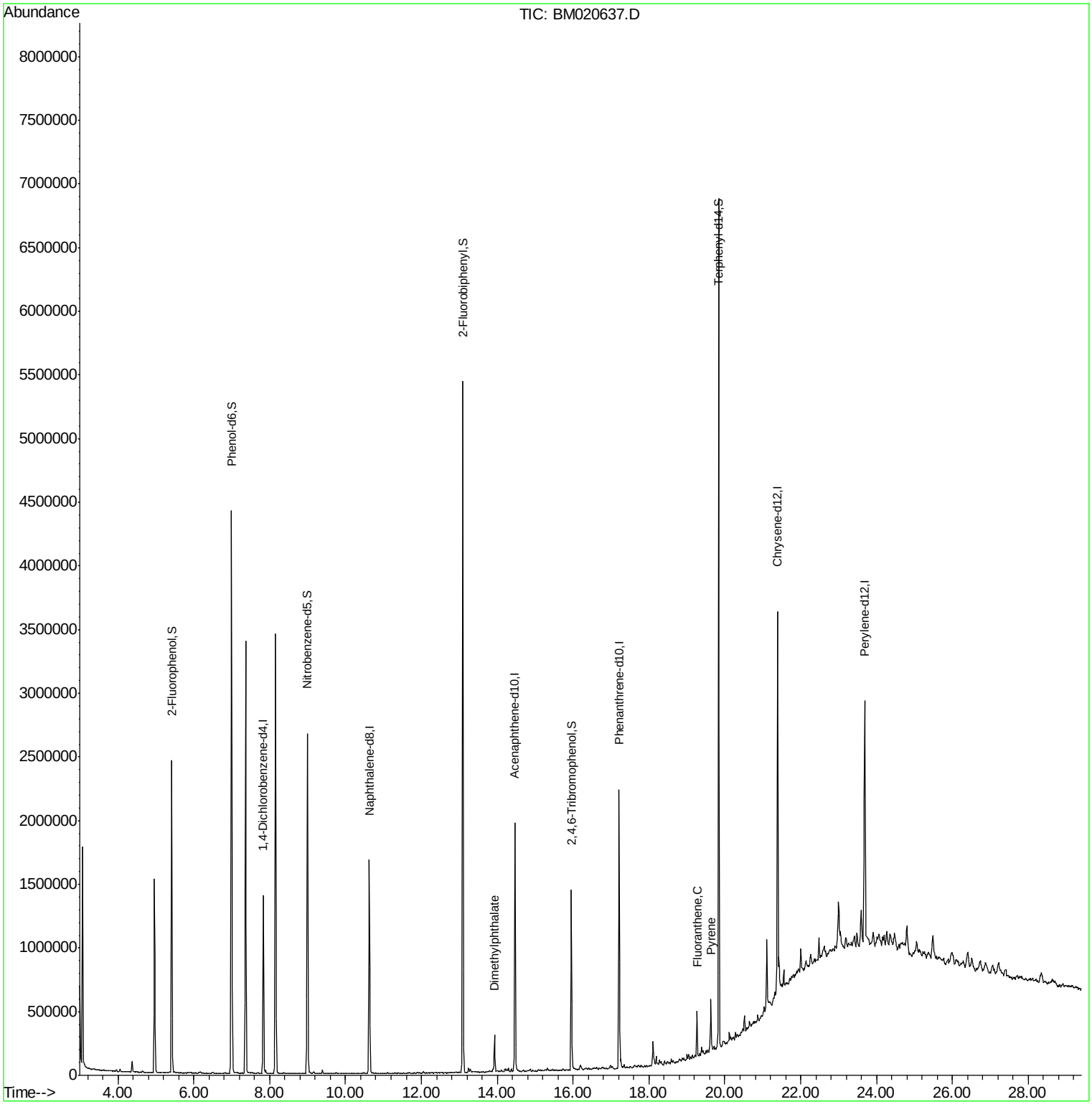
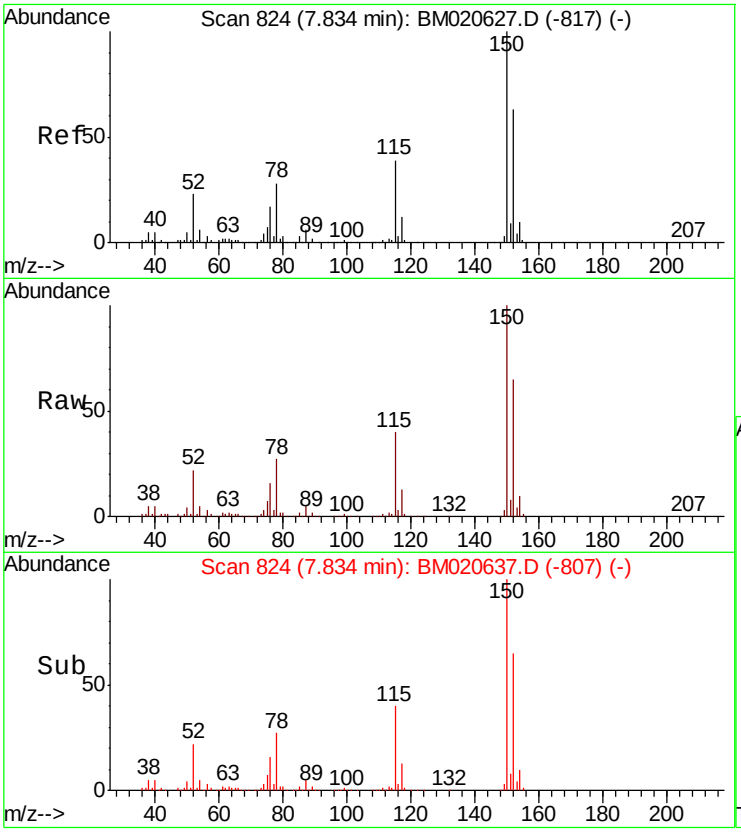


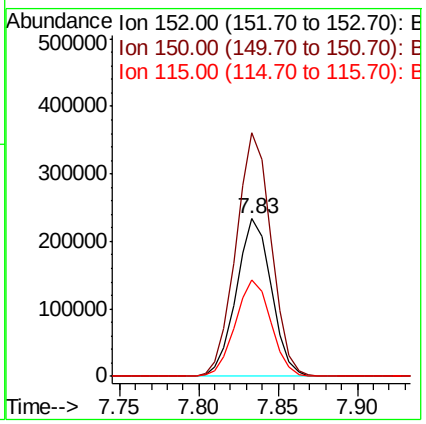


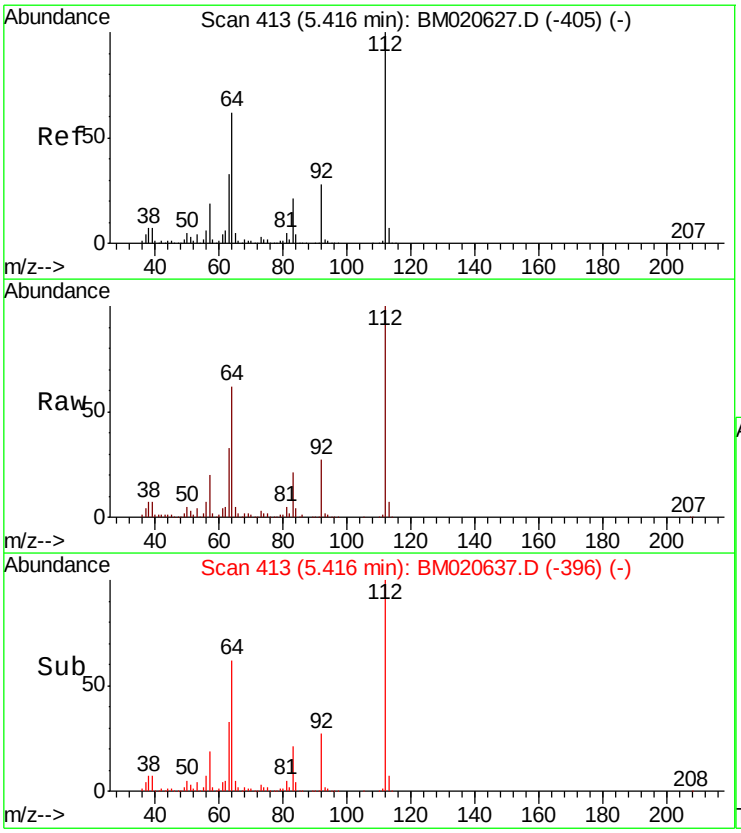
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion:152 Resp: 357980

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.0	189.0
115	61.2	49.6	74.4

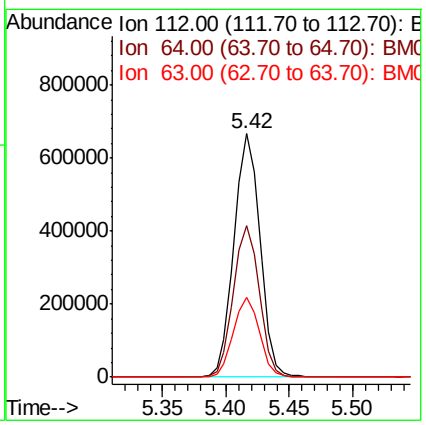


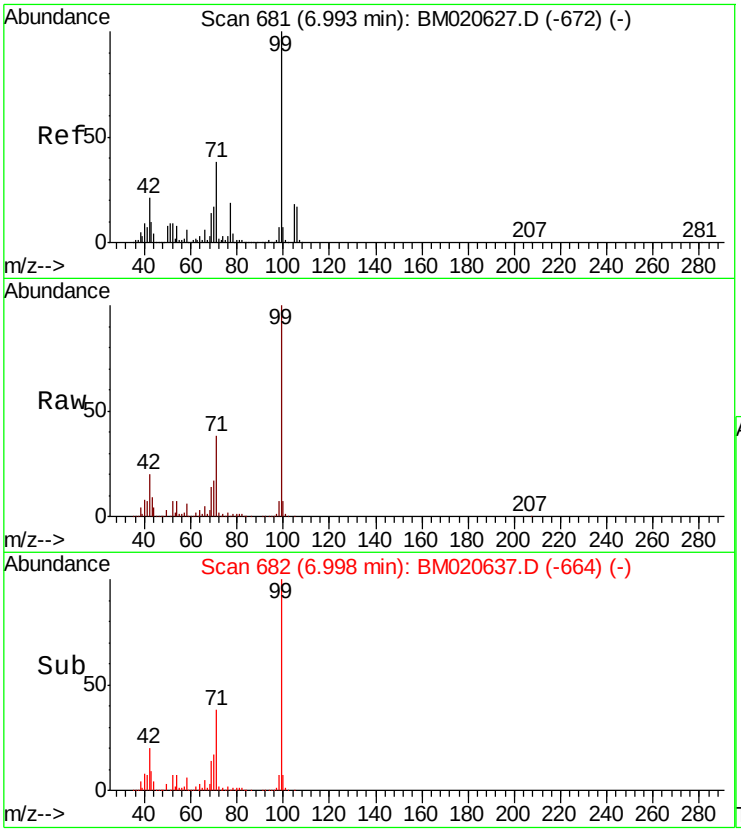


#5
2-Fluorophenol
Concen: 46.589 ng
RT: 5.42 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:112 Resp: 948118

Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.7	74.5
63	32.6	26.4	39.6



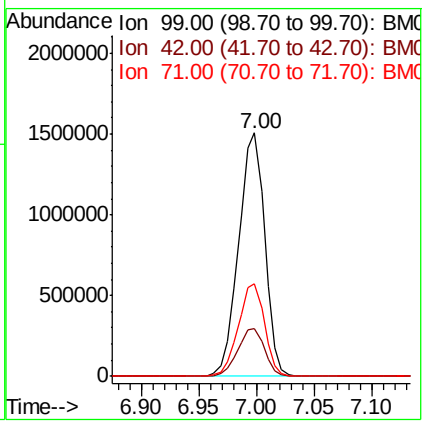


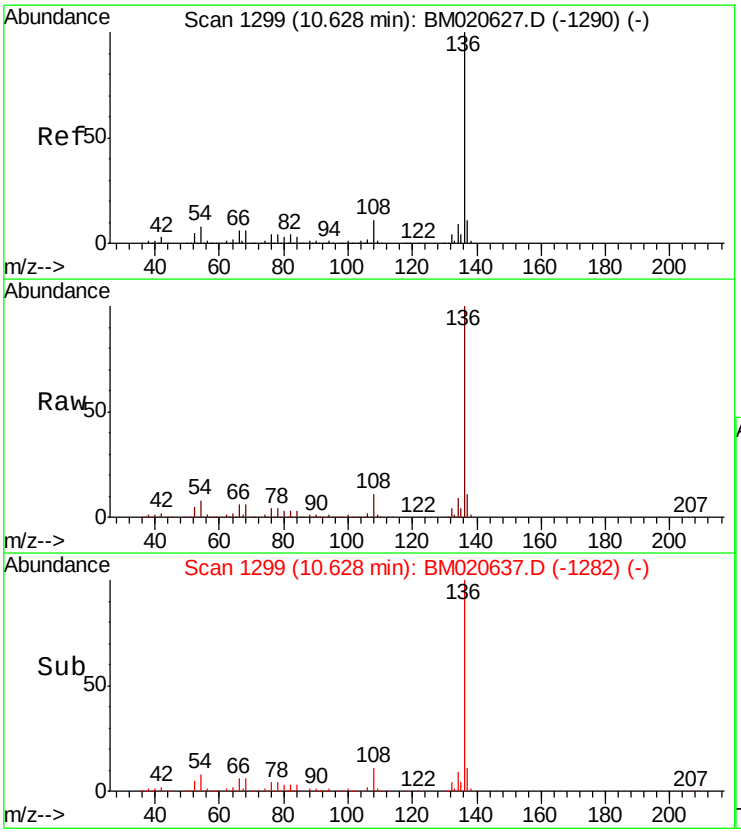
#7
Phenol-d6
Concen: 79.137 ng
RT: 7.00 min Scan# 682
Delta R.T. 0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion: 99 Resp: 2371370

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.5	24.7
71	38.0	30.7	46.1

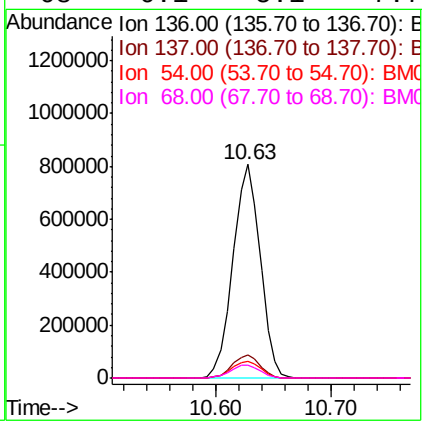


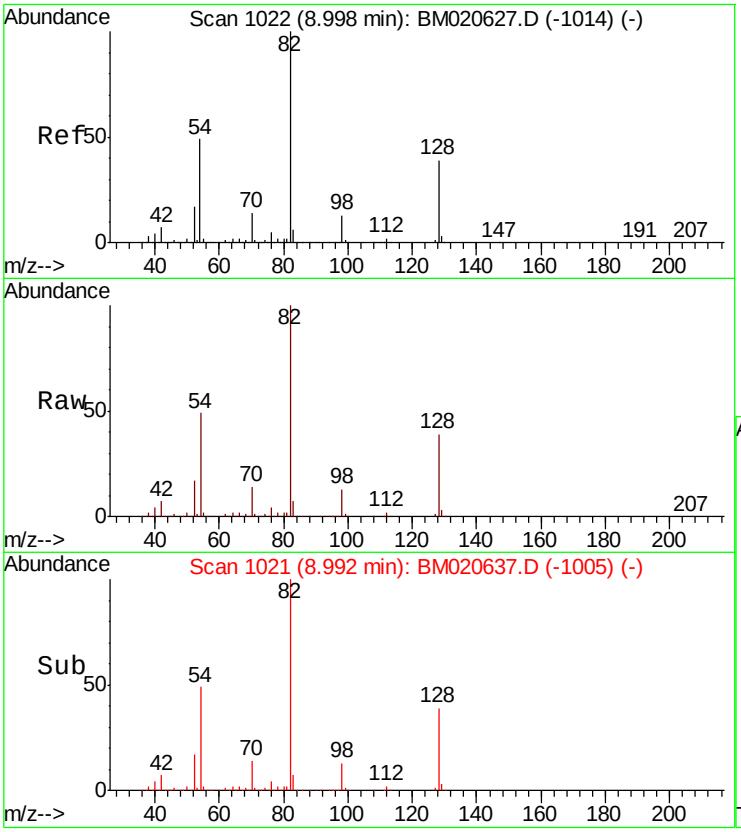


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:136 Resp: 1317808

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	6.6	10.0
68	6.1	5.1	7.7



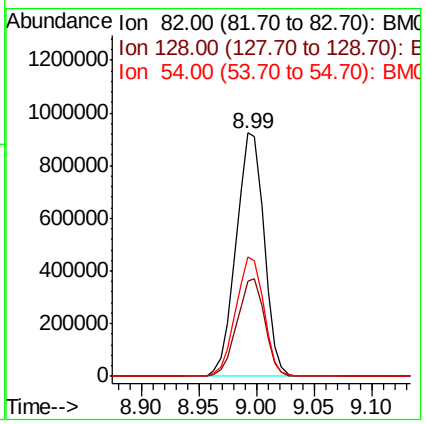


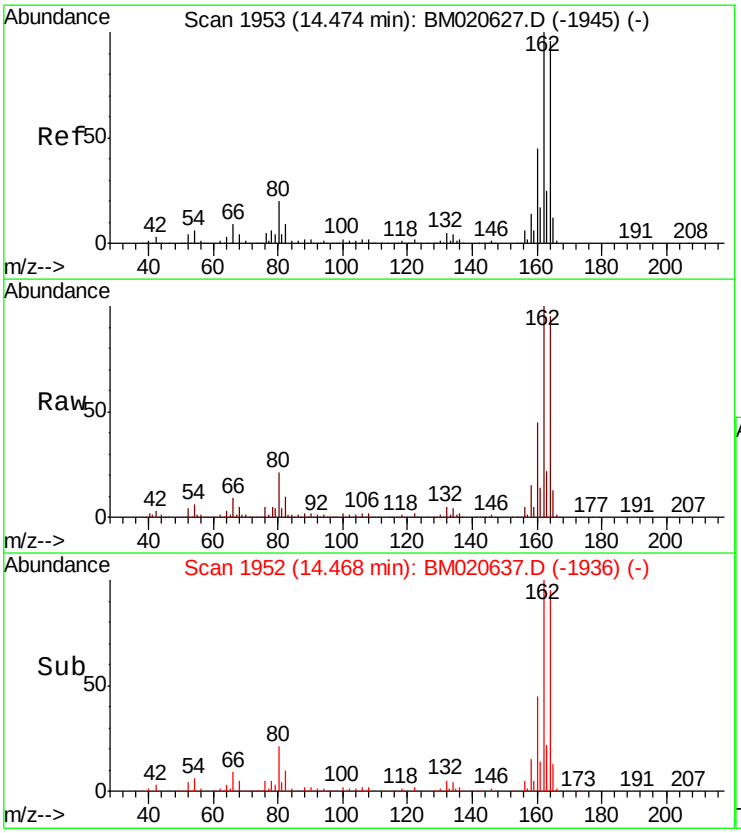
#23
Nitrobenzene-d5
Concen: 61.311 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion: 82 Resp: 1559427

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.5	47.3
54	49.1	39.4	59.0

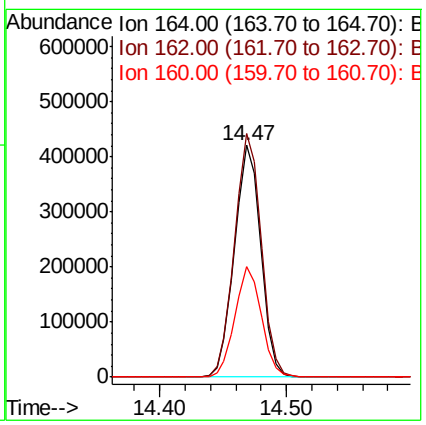


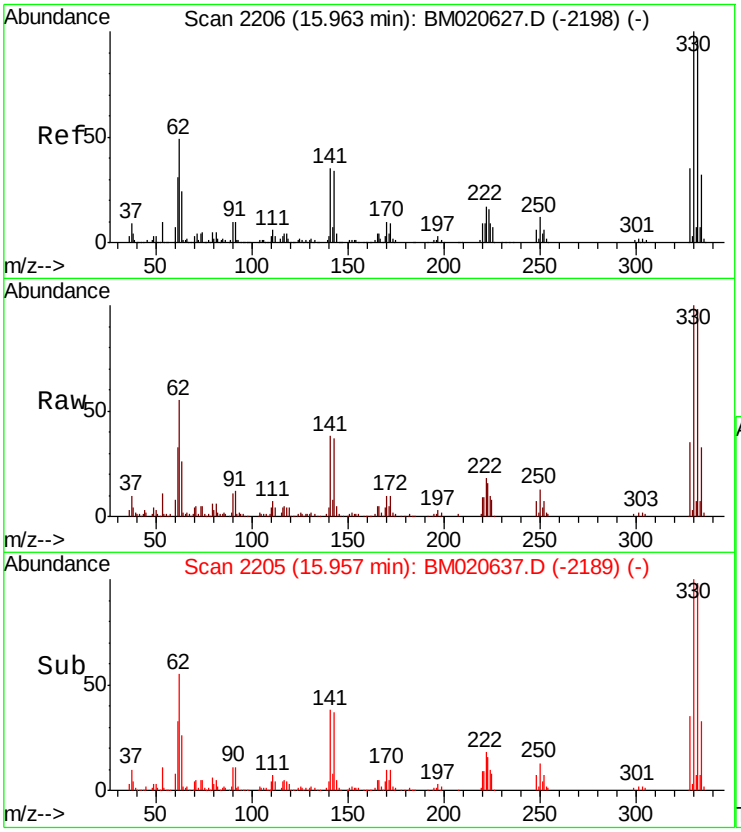


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:164 Resp: 604213

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.2	124.8
160	47.8	37.5	56.3



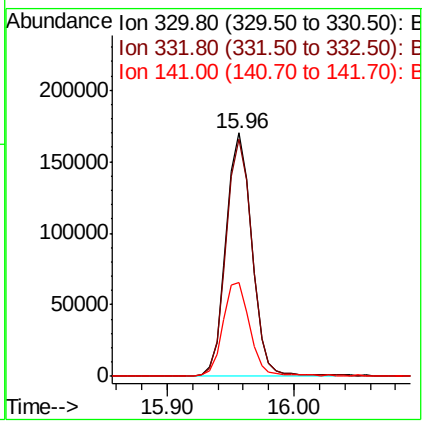


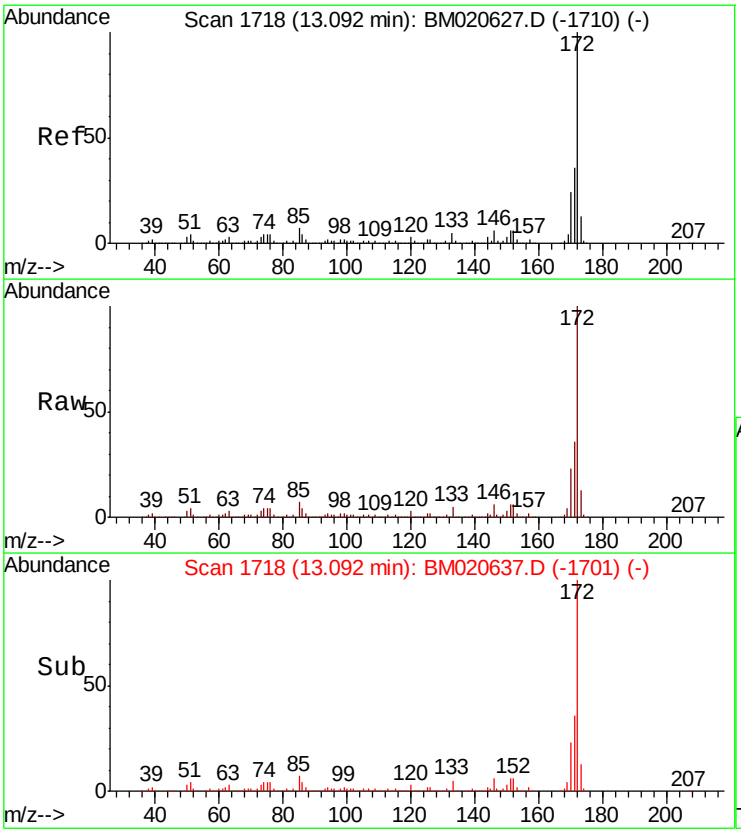
#42
2,4,6-Tribromophenol
Concen: 32.174 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion:330 Resp: 240862

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	40.4	30.4	45.6

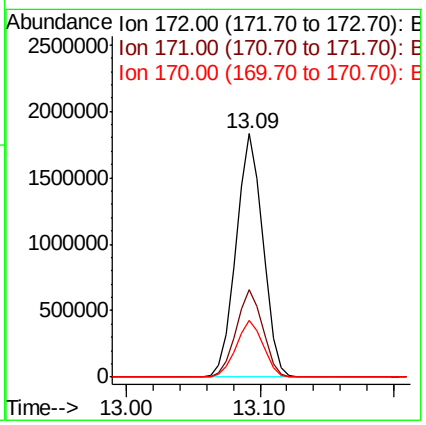


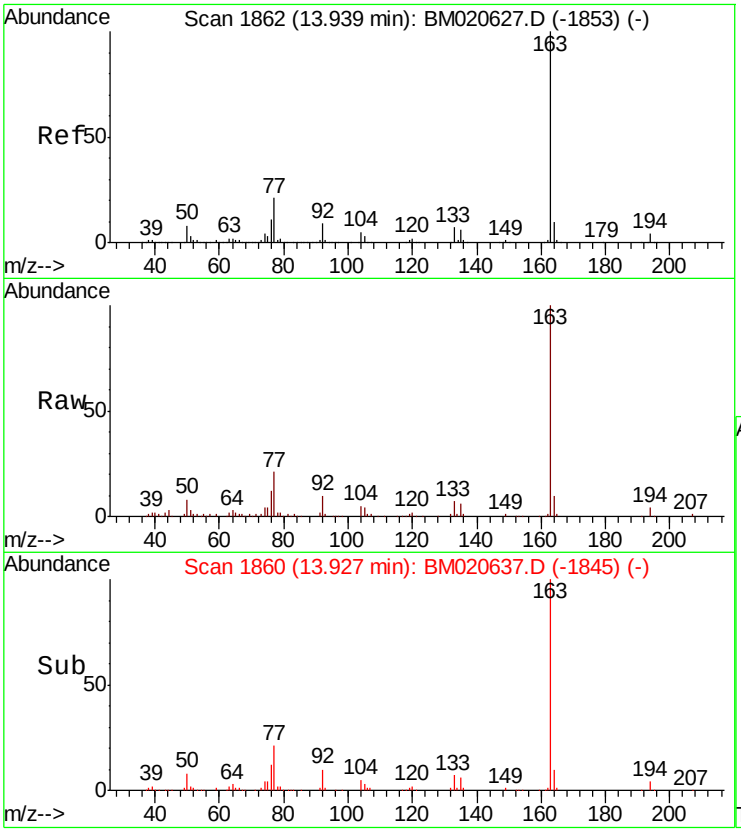


#45
2-Fluorobiphenyl
Concen: 56.021 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:172 Resp: 2546078

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.3	18.9	28.3



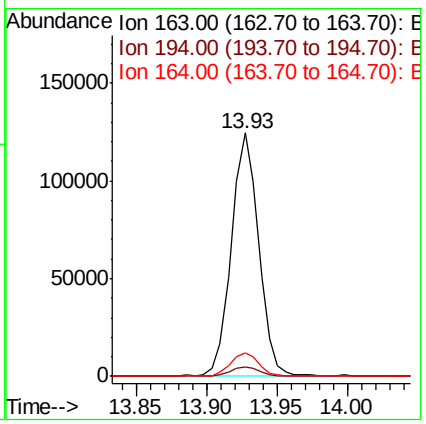


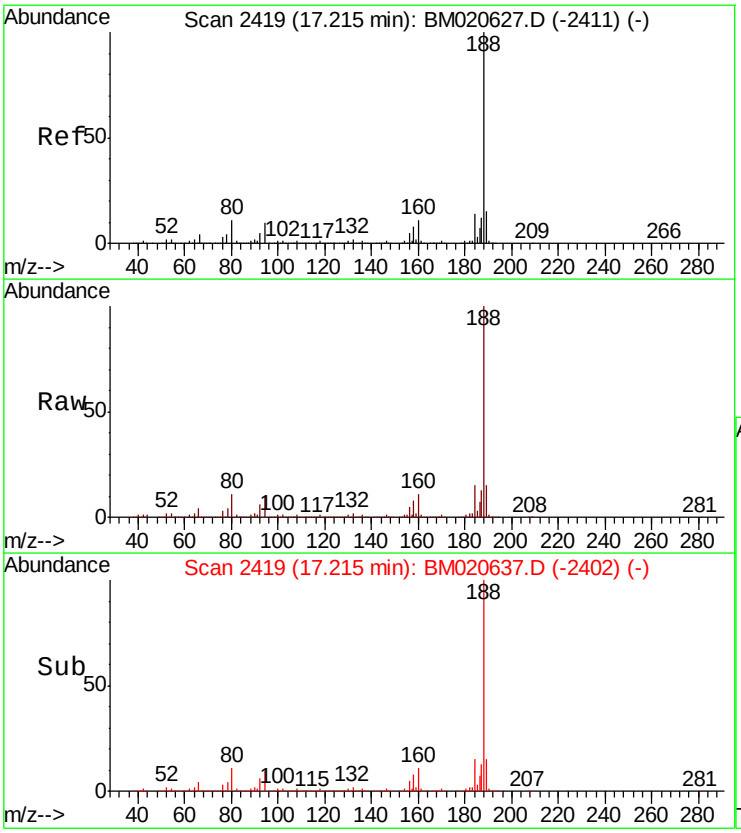
#50
Dimethylphthalate
Concen: 3.254 ng
RT: 13.93 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion:163 Resp: 167996

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.8	7.9	11.9

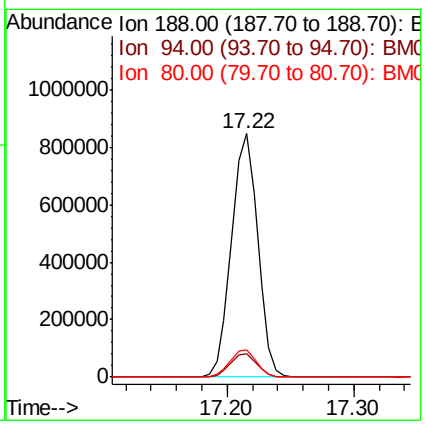


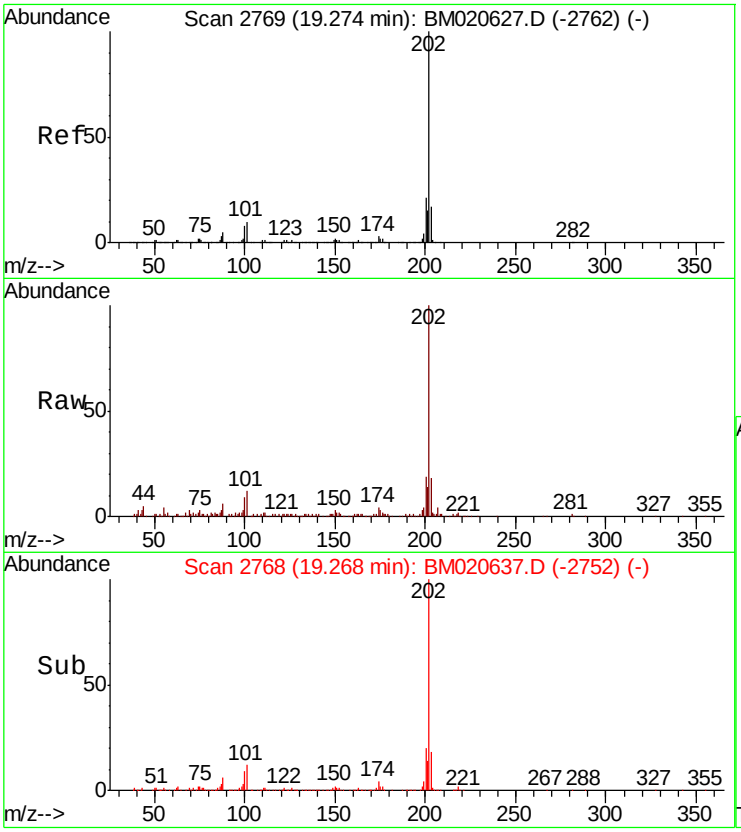


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:188 Resp: 1210906

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.8
80	11.2	9.0	13.6



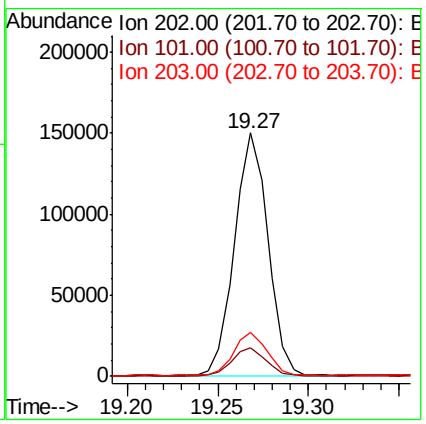


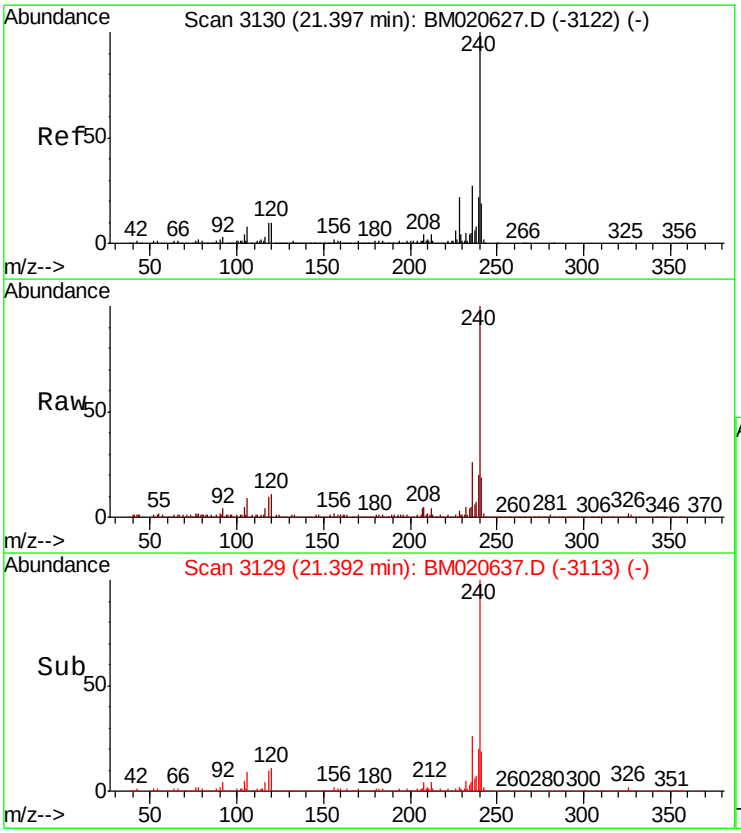
#75
Fluoranthene
Concen: 2.525 ng
RT: 19.27 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion:202 Resp: 192723

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	18.1	0.0	37.3

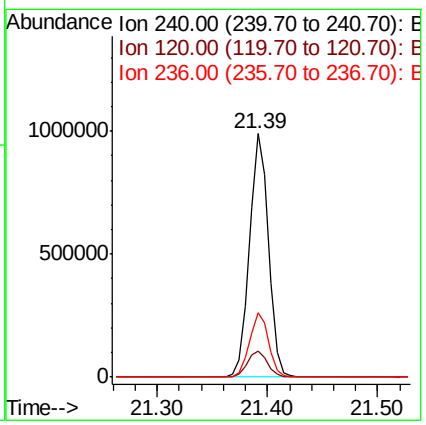


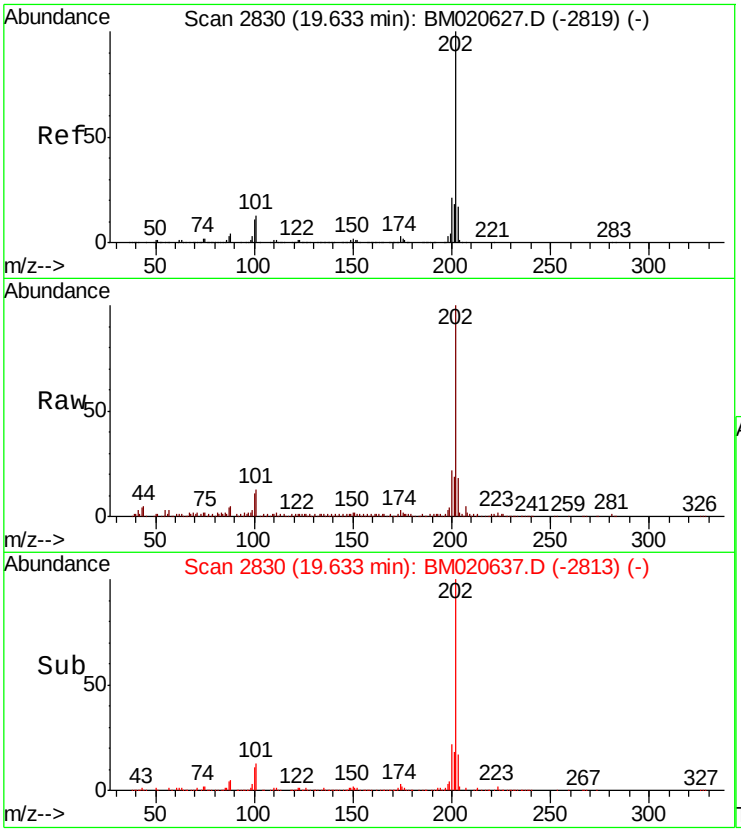


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:240 Resp: 1192587

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	26.4	21.2	31.8



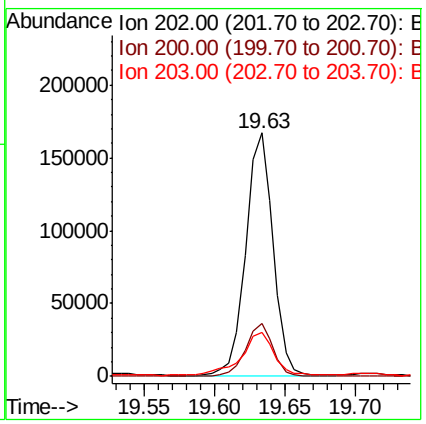


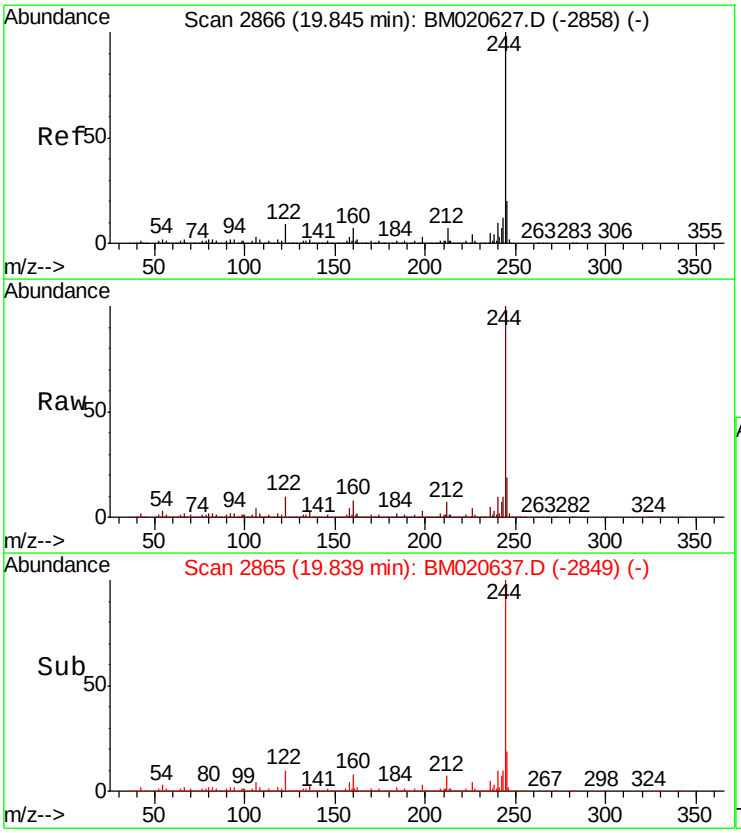
#78
Pyrene
Concen: 2.476 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion:202 Resp: 226588

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	17.9	13.9	20.9

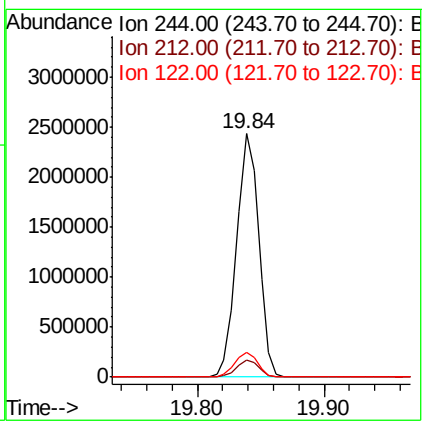


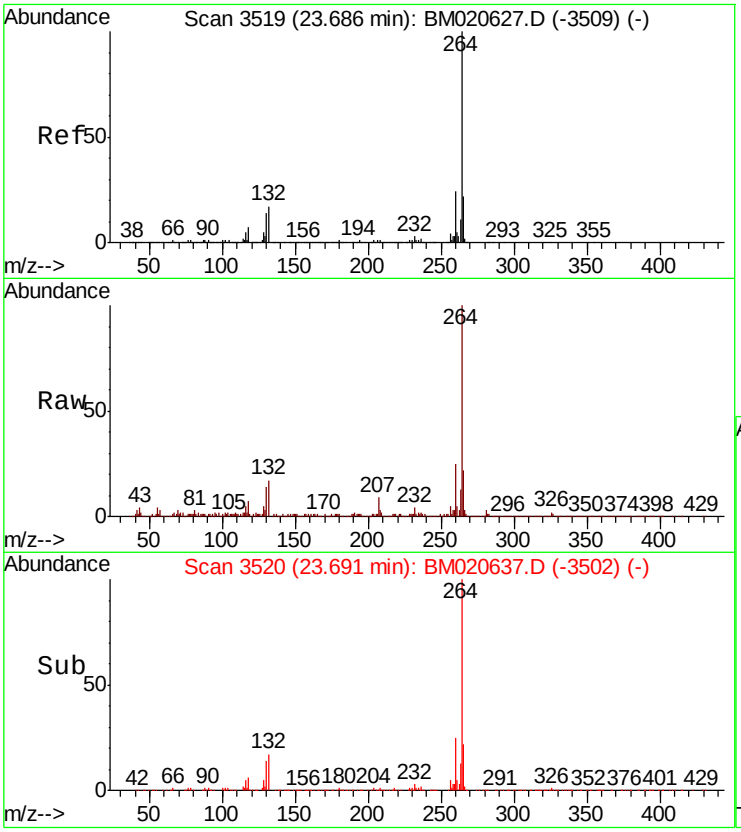


#79
Terphenyl-d14
Concen: 41.110 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:244 Resp: 2931114

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.4	7.2	10.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tgt Ion:264 Resp: 1395432

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.2	17.6	26.4