Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018227.D
Acq On : 16 Dec 2018 15:27
Operator : JU/SJ
Sample : J6377-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD003-0612-01

Quant Time: Dec 17 03:54:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	121491	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	489216	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	267694	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	568462	20.00	ng	0.00
76) Chrysene-d12	21.14	240	483089	20.00	ng	0.00
87) Perylene-d12	23.30	264	445849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1114026	153.18	ng	0.00
7) Phenol-d6	6.70	99	1481966	146.60	ng	0.00
23) Nitrobenzene-d5	8.66	82	890794	93.40	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	528212	134.44	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2004692	97.00	ng	0.00
79) Terphenyl-d14	19.57	244	2453642	114.87	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.72	94	92642	8.654	ng	95
13) 1,4-Dichlorobenzene	7.53	146	27793	2.852	ng	97
50) Dimethylphthalate	13.63	163	117811	5.294	ng	99

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

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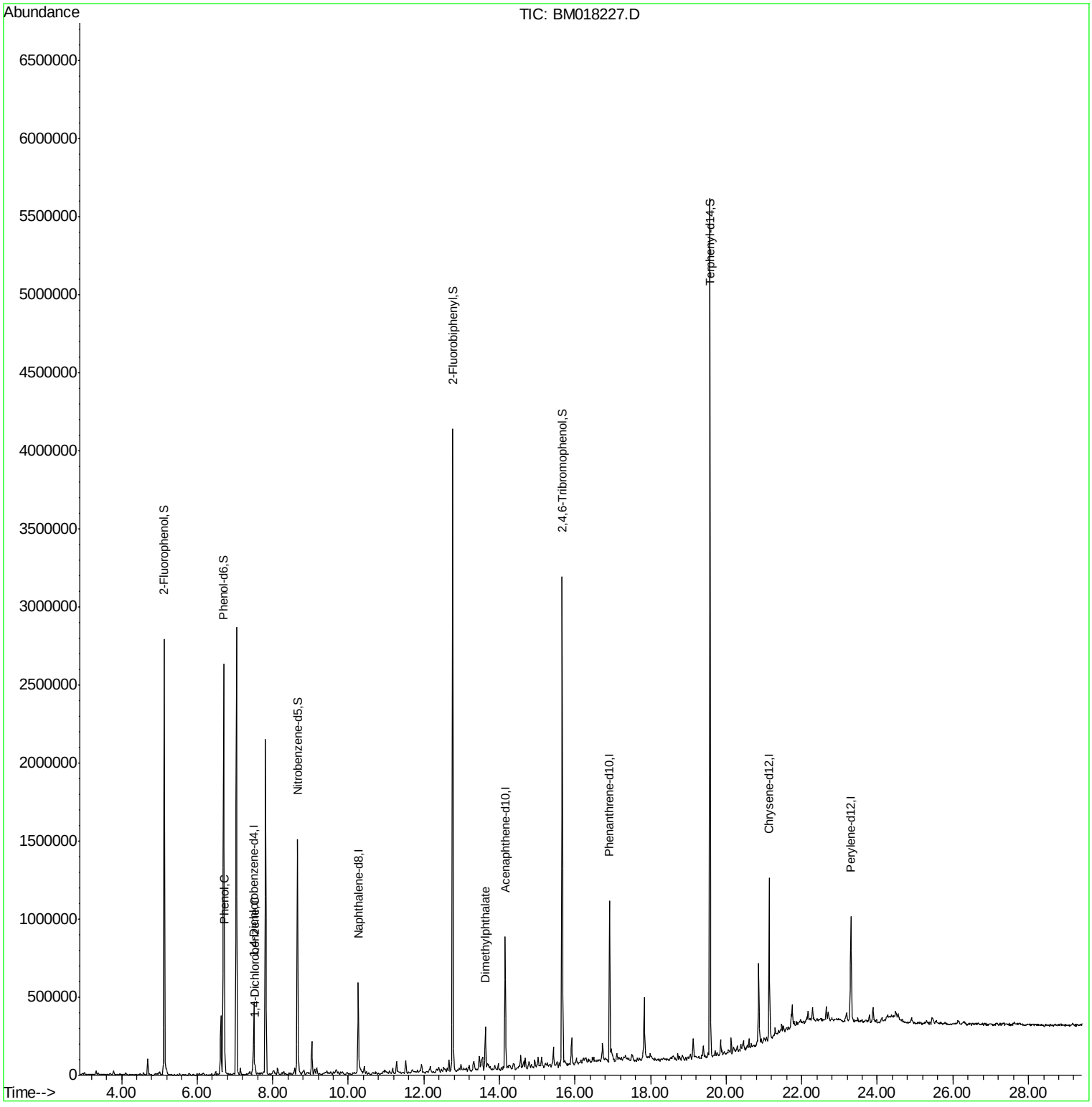
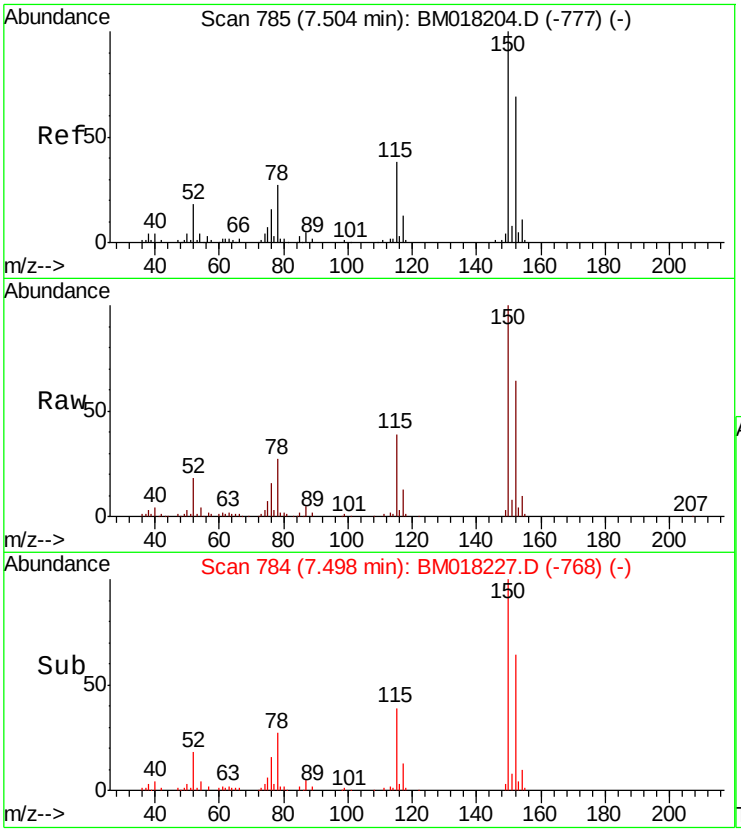


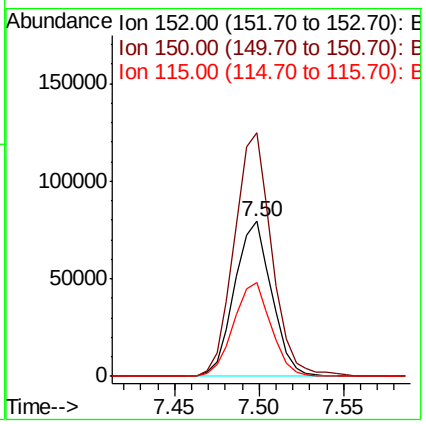


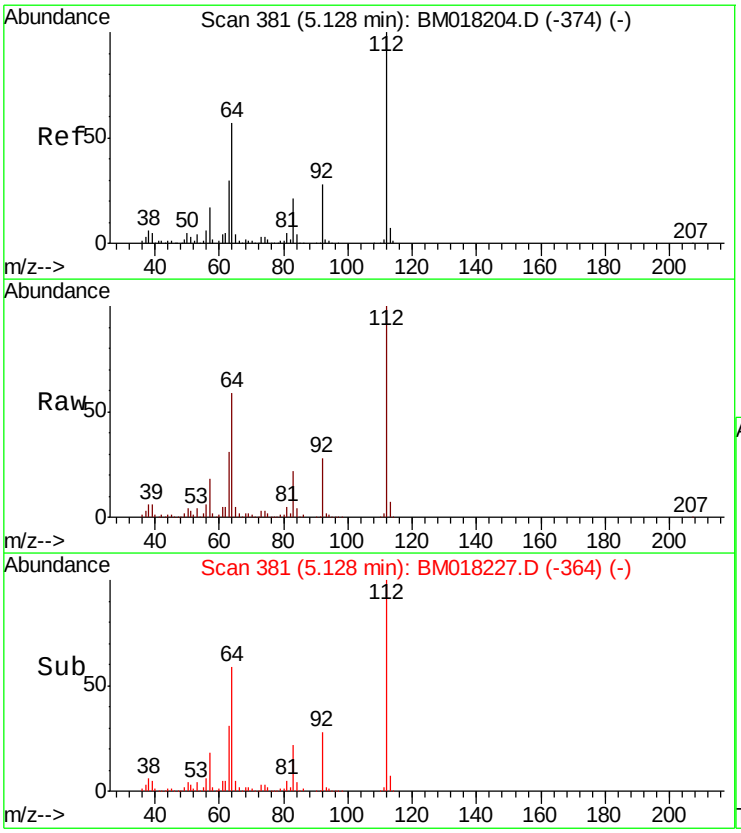
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion:152 Resp: 121491

Ion	Ratio	Lower	Upper
152	100		
150	157.1	116.1	174.1
115	60.5	44.6	67.0

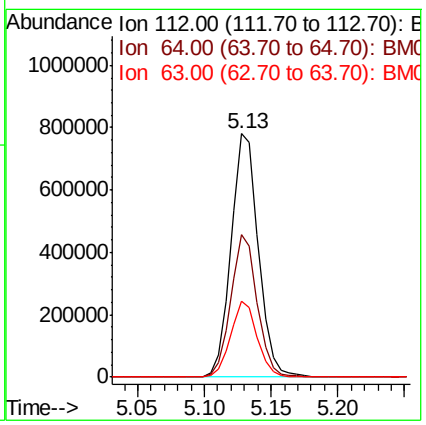


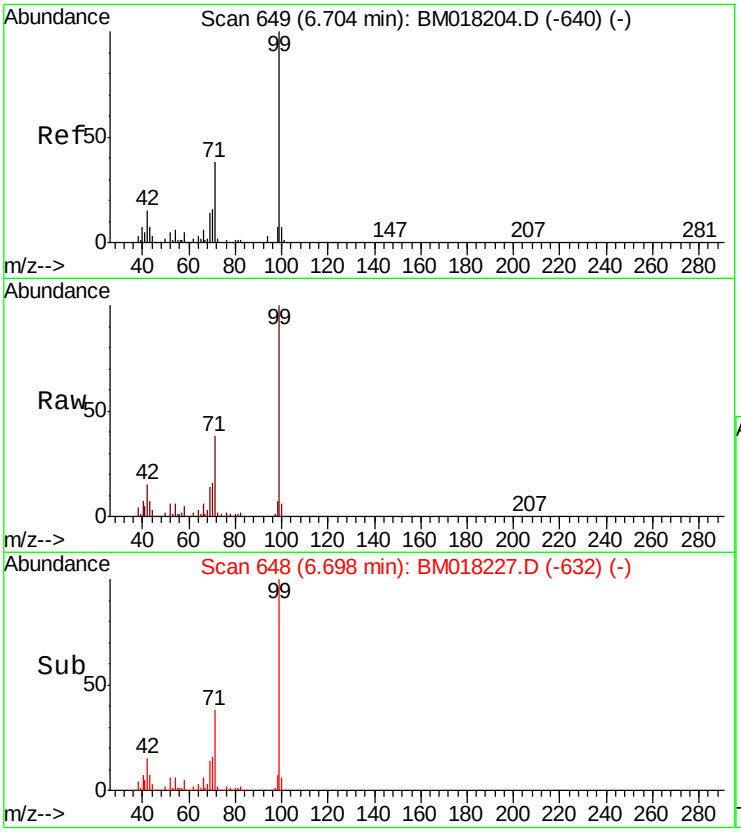


#5
2-Fluorophenol
Concen: 153.177 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Tgt Ion:112 Resp: 1114026

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.4	68.2
63	31.1	24.0	36.0



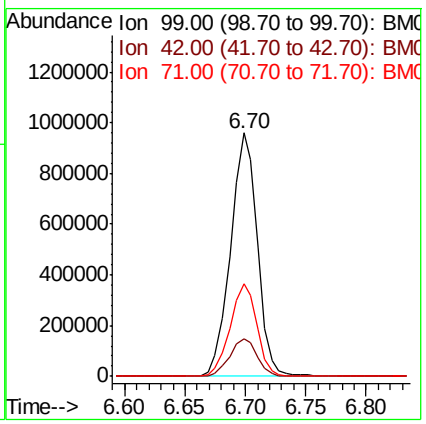


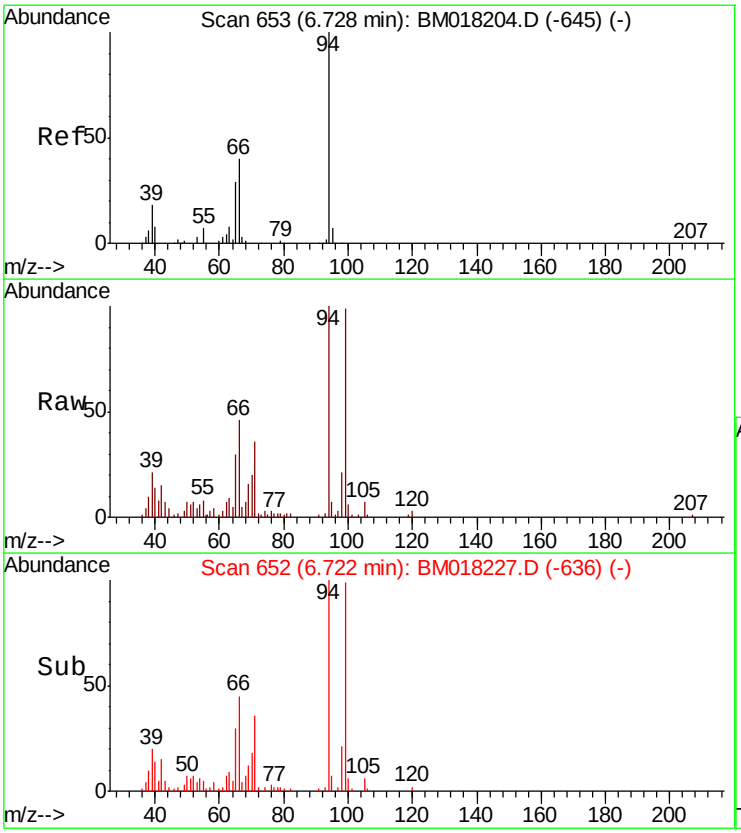
#7
Phenol-d6
Concen: 146.604 ng
RT: 6.70 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion: 99 Resp: 1481966

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.3	18.5
71	37.9	30.2	45.2

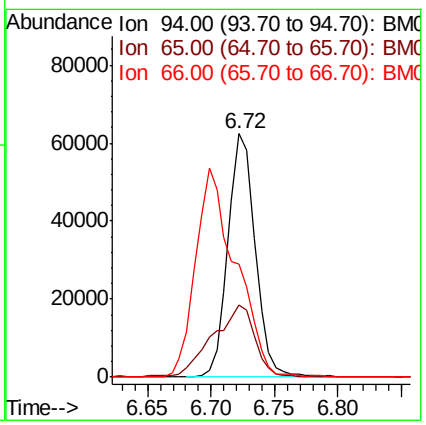


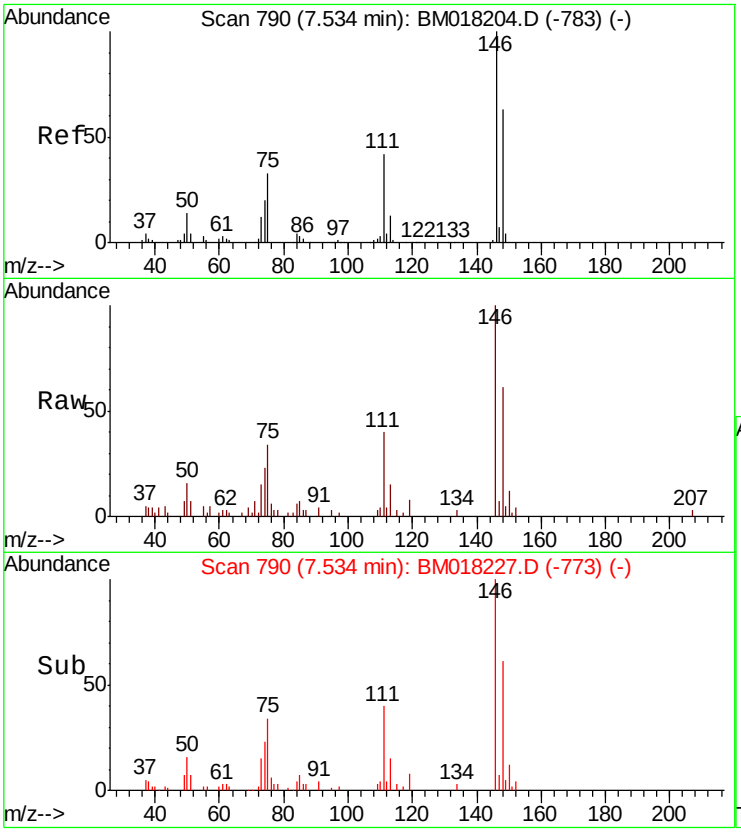


#10
Phenol
Concen: 8.654 ng
RT: 6.72 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Tgt Ion: 94 Resp: 92642

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.5	49.5
66	46.2	21.3	61.3



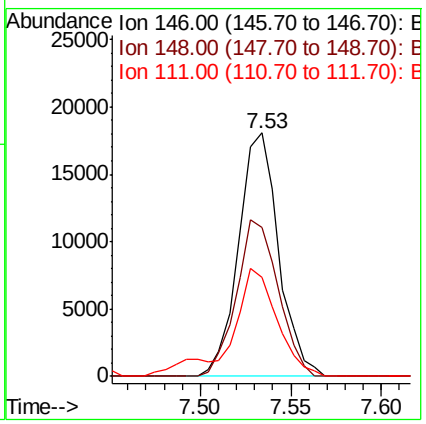


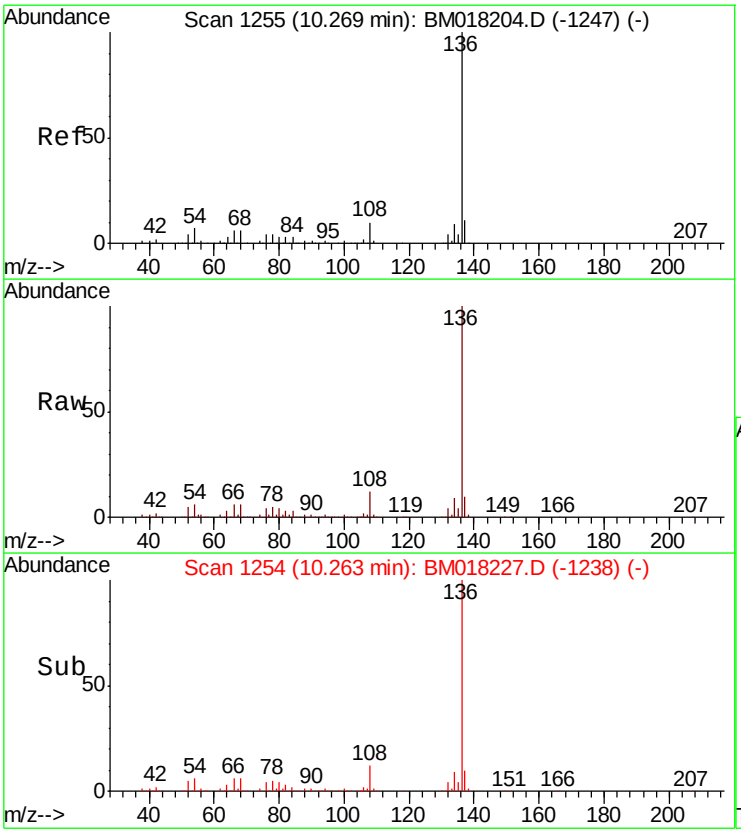
#13
1,4-Dichlorobenzene
Concen: 2.852 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion:146 Resp: 27793

Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.7	76.1
111	40.5	34.2	51.2

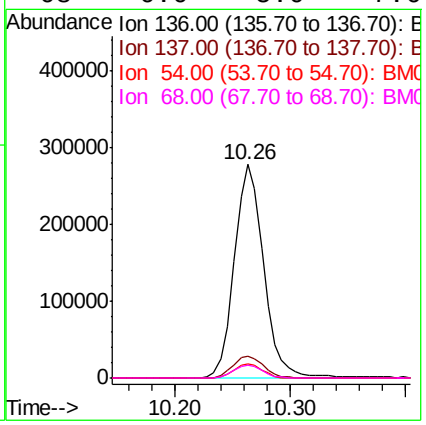


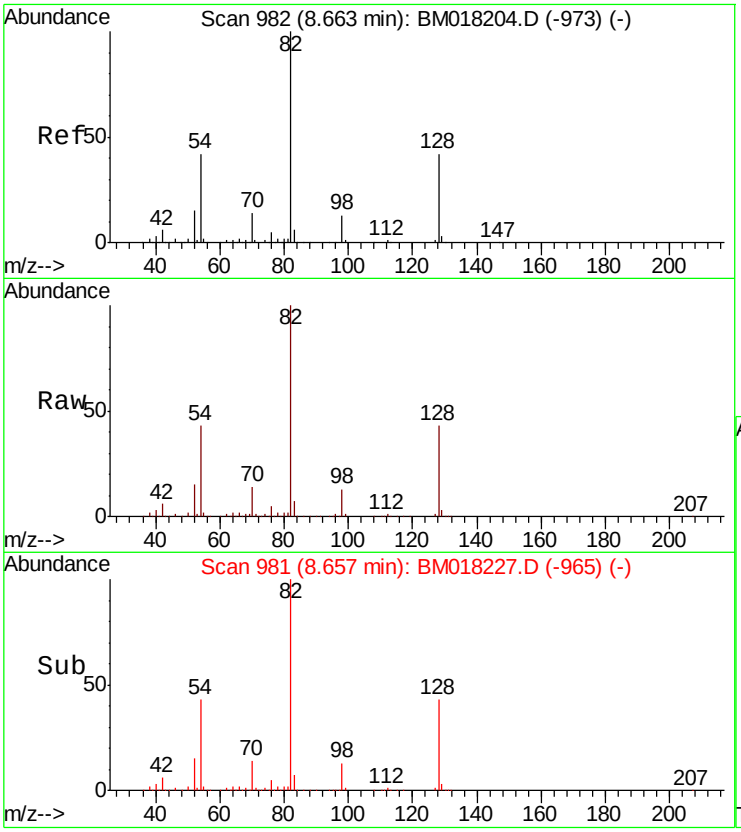


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Tgt Ion:136 Resp: 489216

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	6.5	5.2	7.8
68	6.0	5.0	7.6



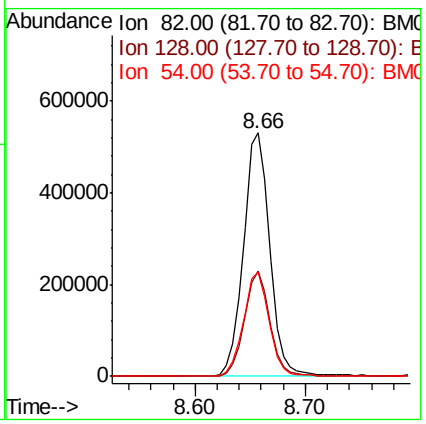


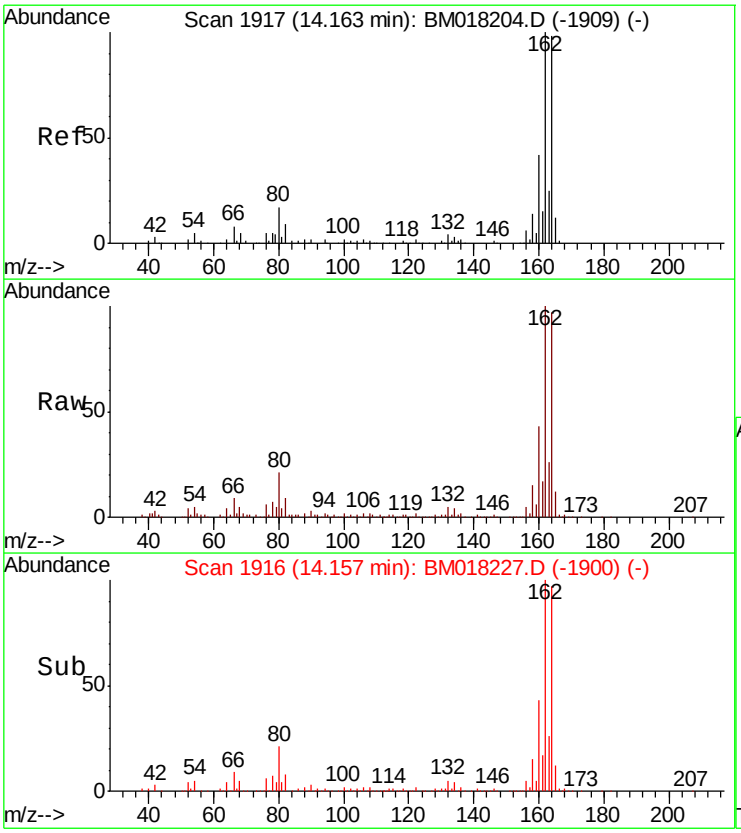
#23
Nitrobenzene-d5
Concen: 93.398 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion: 82 Resp: 890794

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.2
54	42.5	33.4	50.2

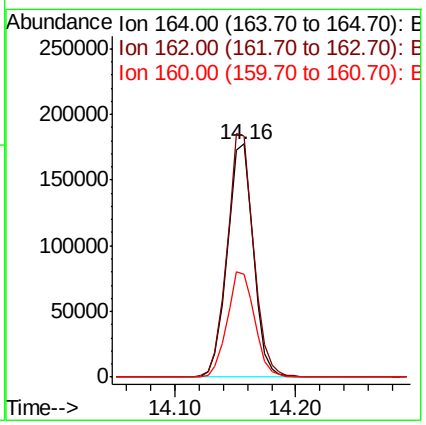


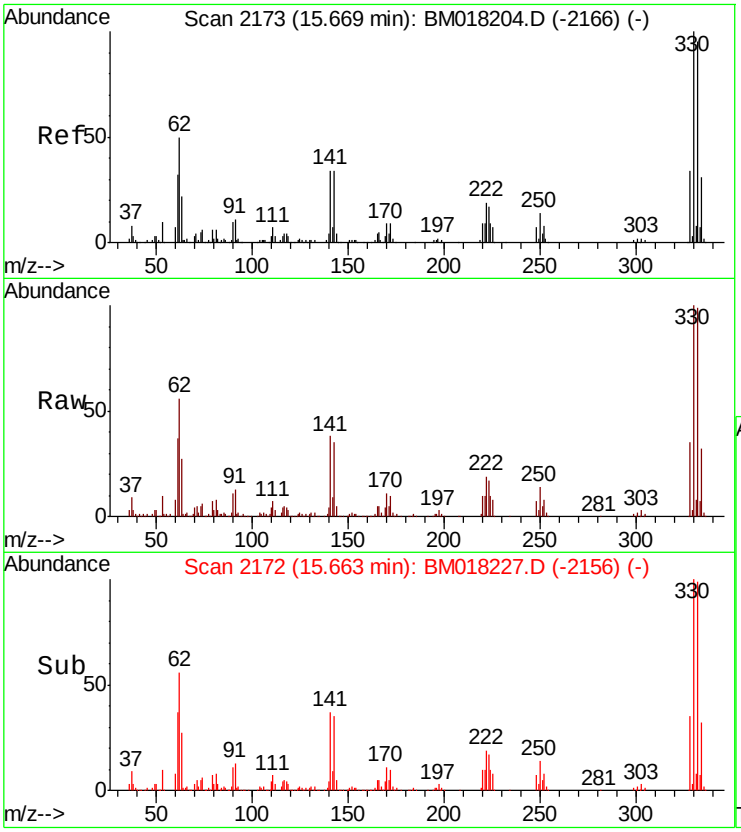


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Tgt Ion:164 Resp: 267694

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	44.1	34.6	51.8



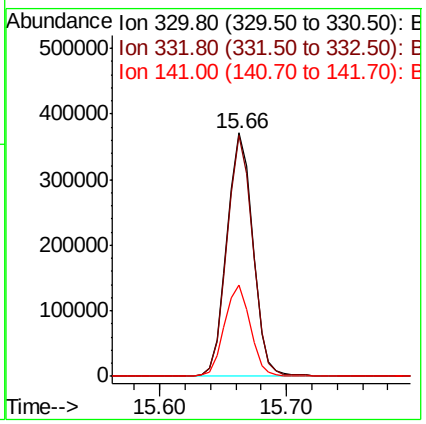


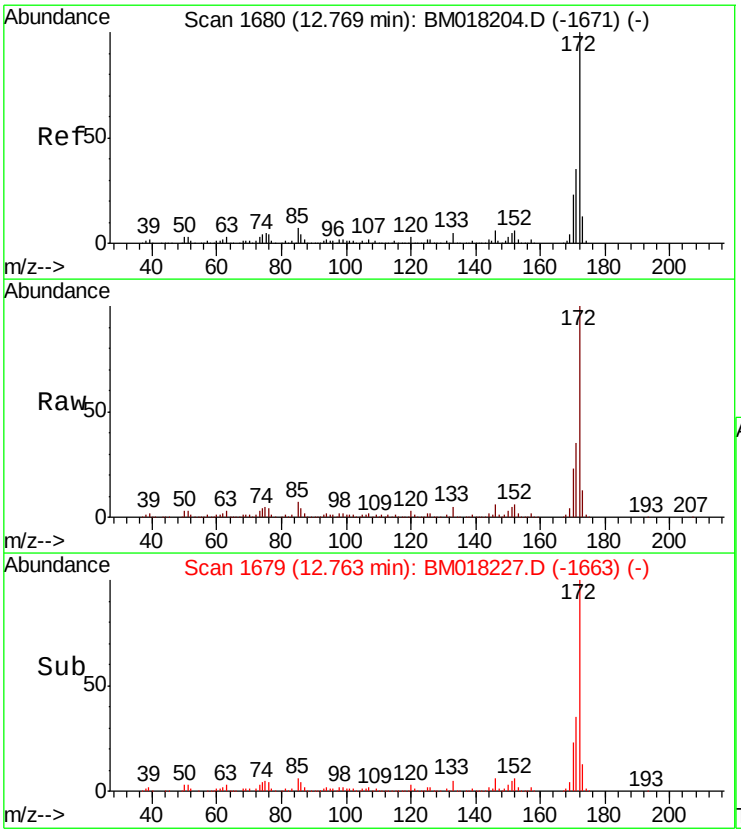
#42
2,4,6-Tribromophenol
Concen: 134.439 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion:330 Resp: 528212

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.6	118.0
141	37.0	27.1	40.7

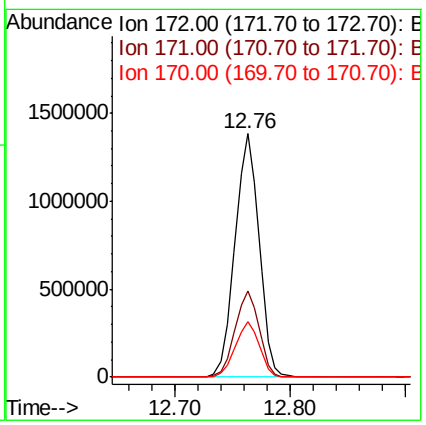


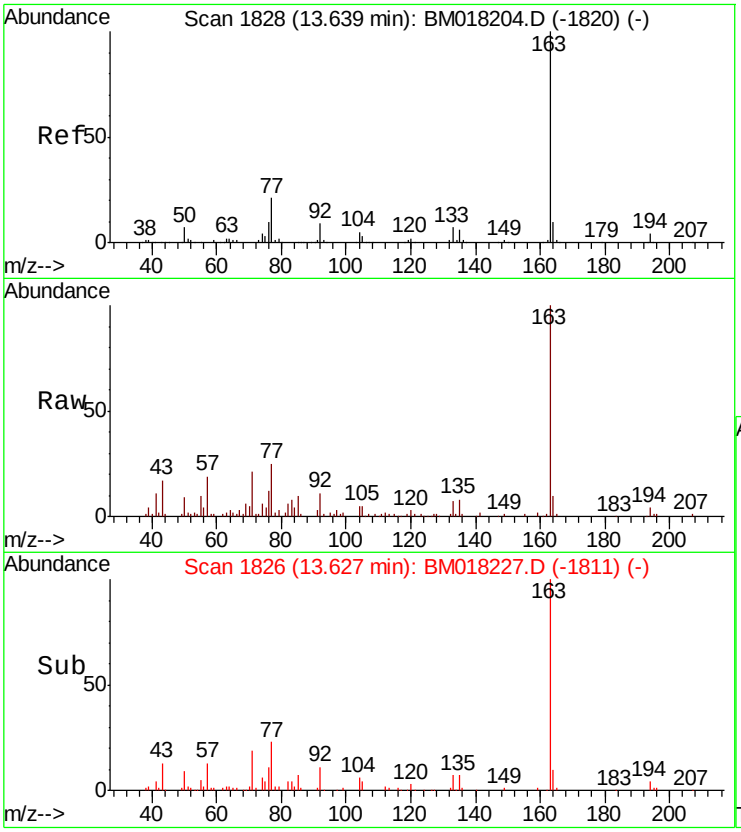


#45
2-Fluorobiphenyl
Concen: 96.997 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Tgt Ion:172 Resp: 2004692

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.0	18.1	27.1



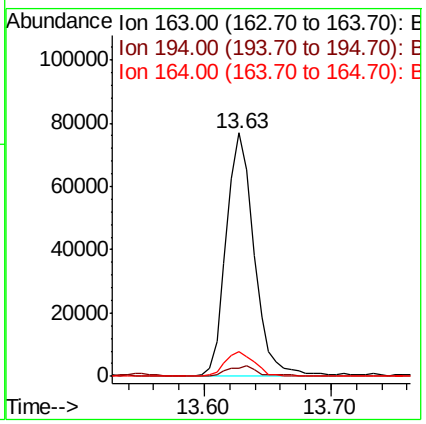


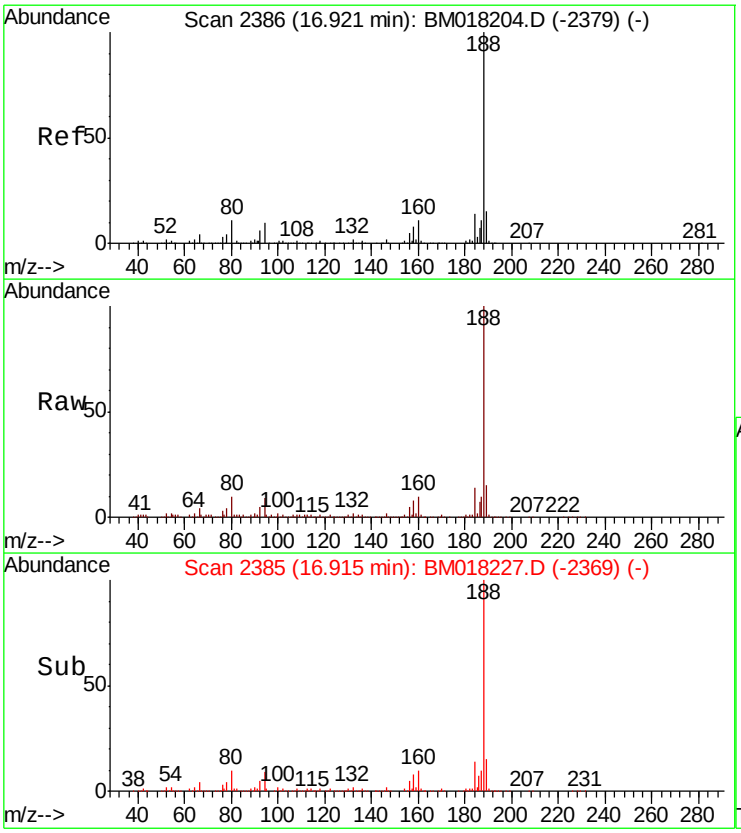
#50
Dimethylphthalate
Concen: 5.294 ng
RT: 13.63 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion:163 Resp: 117811

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	10.0	7.9	11.9

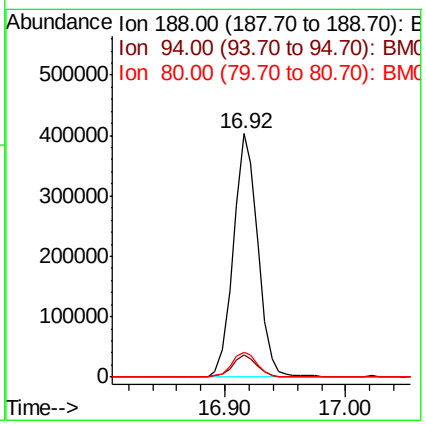


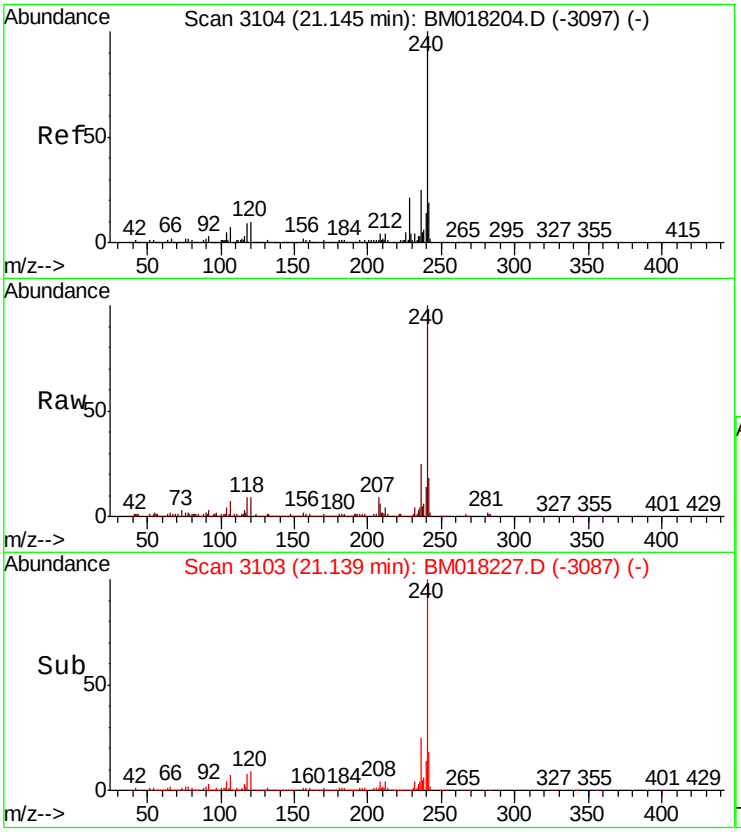


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Tgt Ion:188 Resp: 568462

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	10.4	9.0	13.6



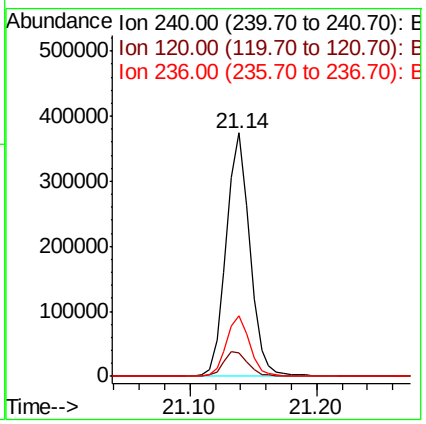


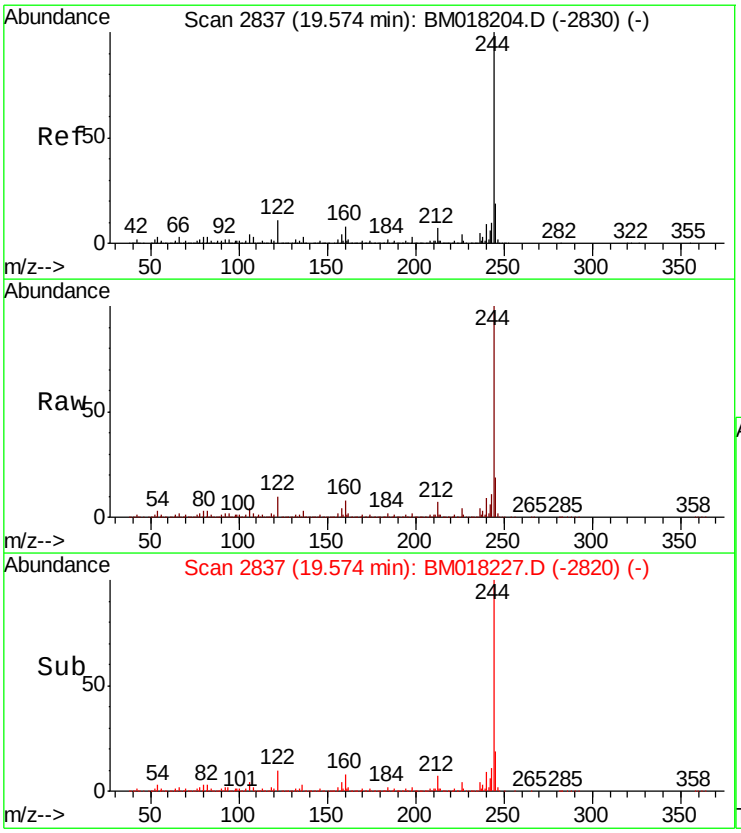
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion:240 Resp: 483089

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.0	20.3	30.5

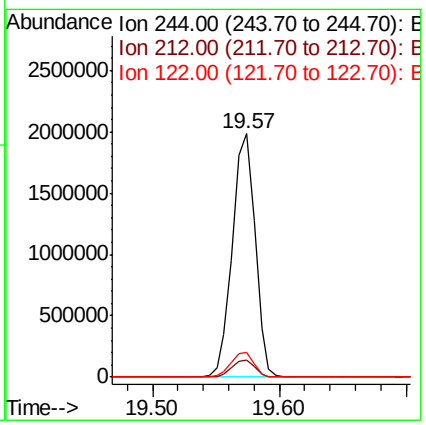


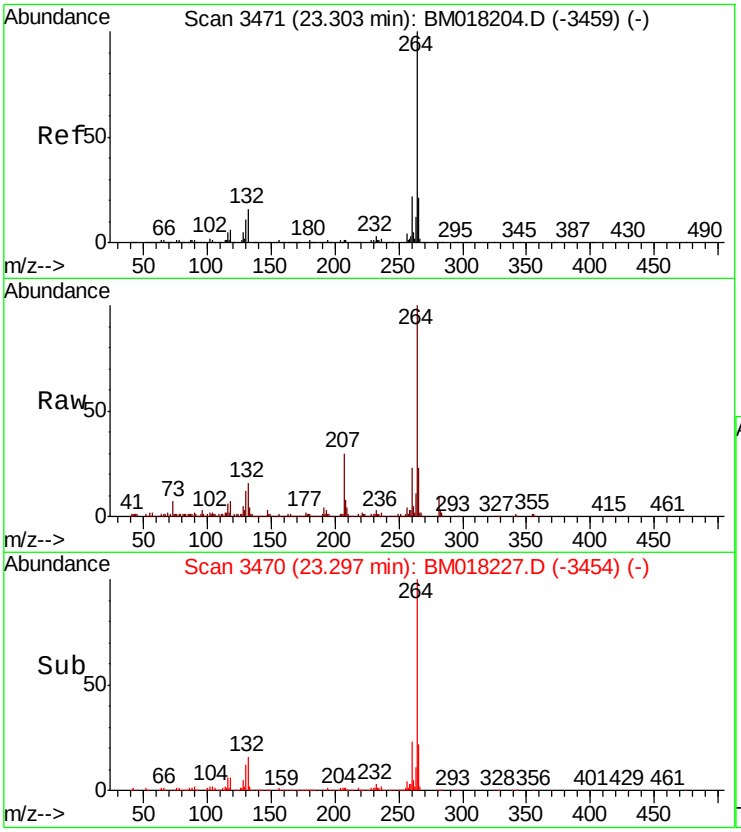


#79
Terphenyl-d14
Concen: 114.871 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Tgt Ion:244 Resp: 2453642

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.1	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018227.D
Acq: 16 Dec 2018 15:27

Instrument :
BNA_M
ClientSampleId :
P001-SD003-0612-01

Tgt Ion:264 Resp: 445849

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	22.6	17.3	25.9