Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

Quant Time: Mar 02 02:51:18 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	272305	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1109070	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	613452	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1237514	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	964681	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1007353	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1725076	103.80	ng	-0.03
7) Phenol-d6	6.86	99	2452826	104.76	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1540417	64.22	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	814640	92.13	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3040140	65.79	ng	-0.04
79) Terphenyl-d14	19.72	244	3496664	74.77	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.89	94	126646	5.141	ng	97
50) Dimethylphthalate	13.80	163	153408	3.001	ng	98

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

Quantitation Report (QT/LSC Reviewed)

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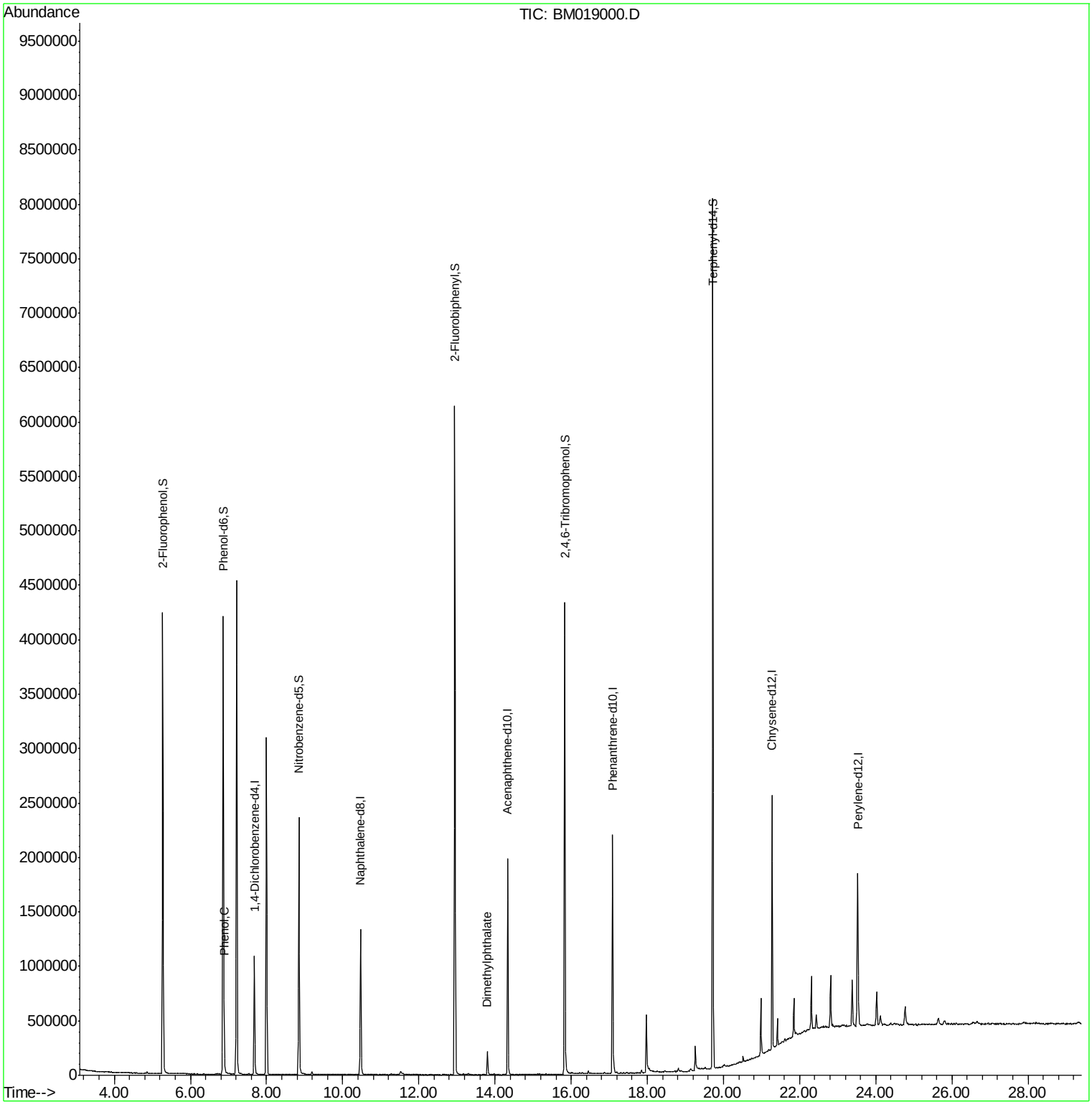
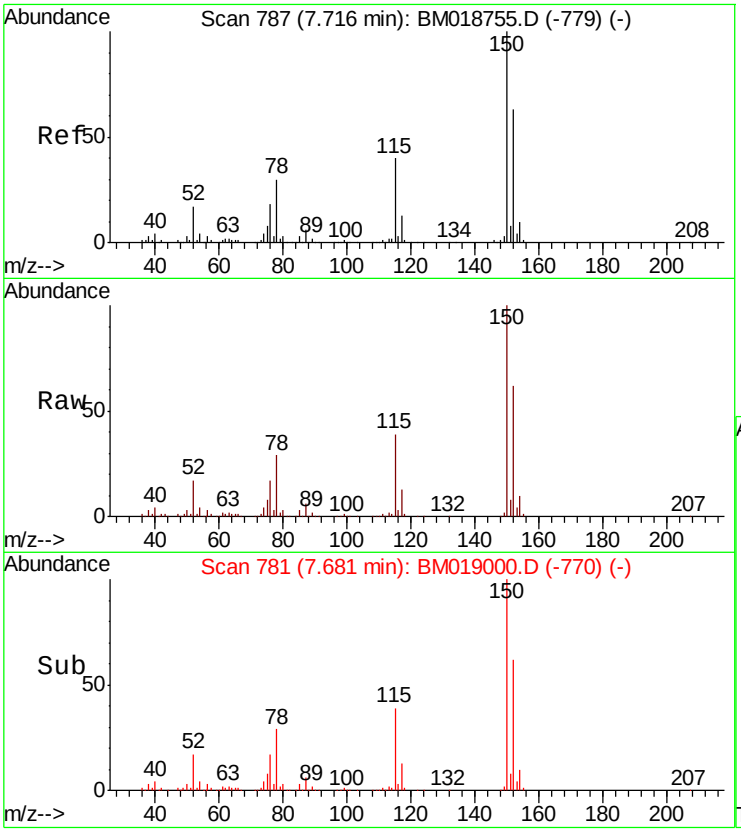


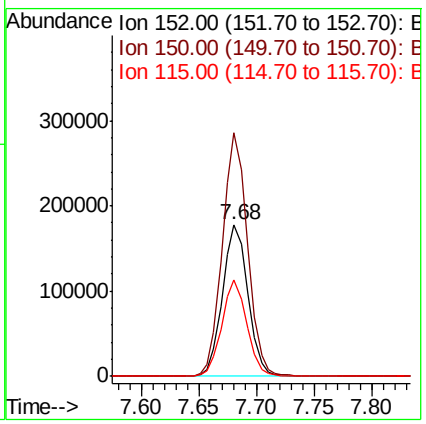


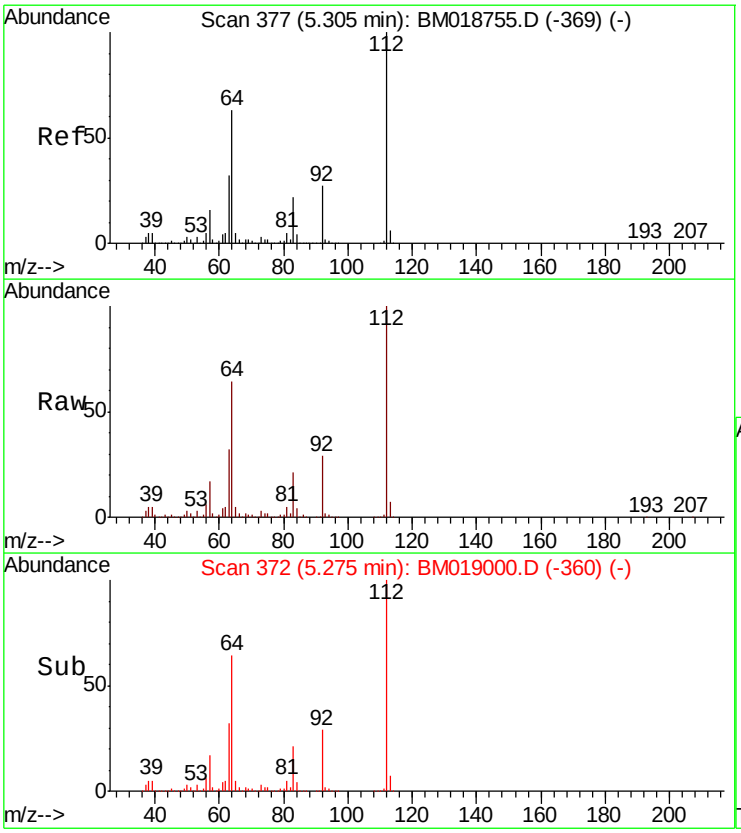
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

Tgt Ion:152 Resp: 272305

Ion	Ratio	Lower	Upper
152	100		
150	160.4	127.3	190.9
115	63.3	50.8	76.2

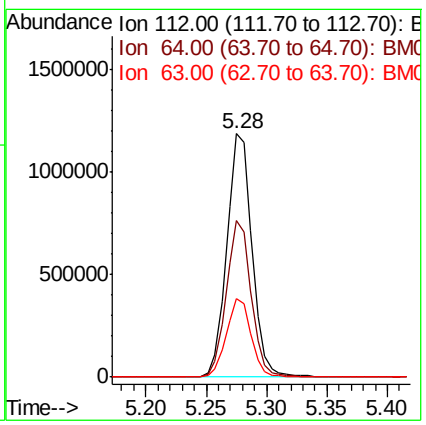


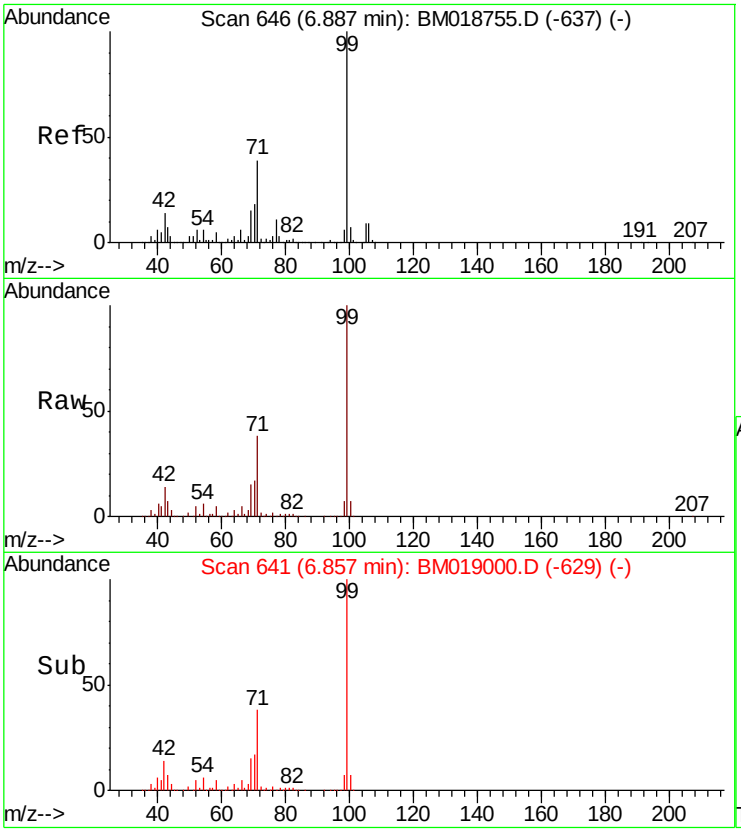


#5
2-Fluorophenol
Concen: 103.799 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Tgt Ion:112 Resp: 1725076

Ion	Ratio	Lower	Upper
112	100		
64	64.4	50.6	75.8
63	32.4	25.7	38.5



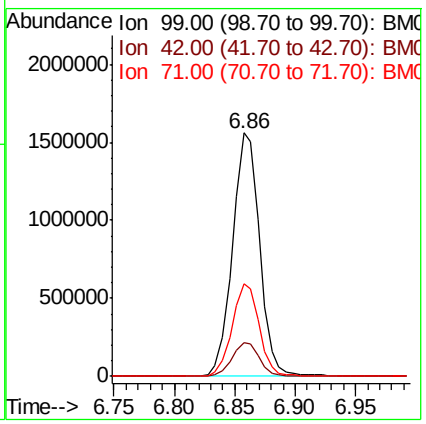


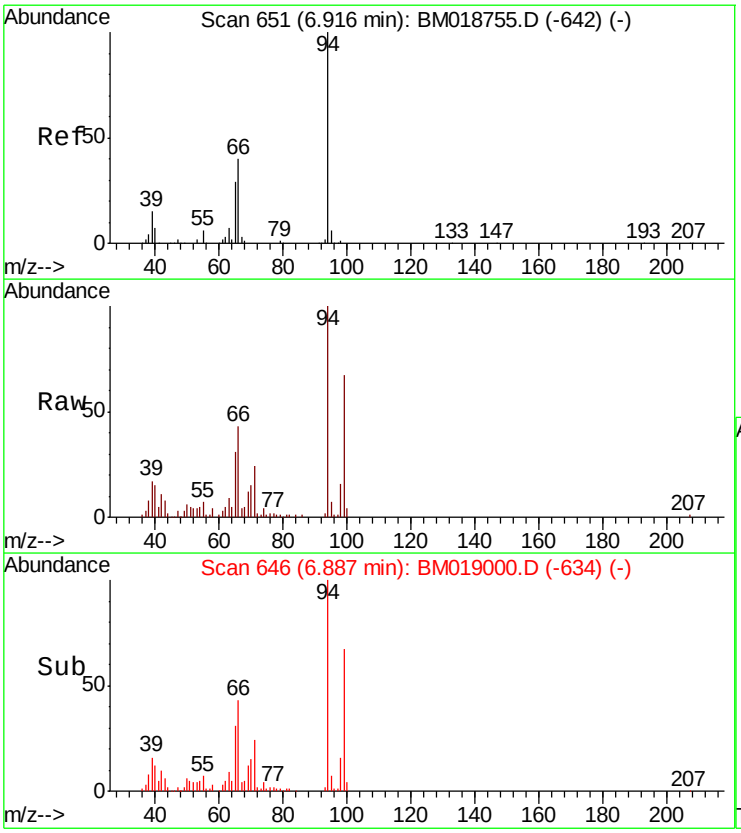
#7
Phenol-d6
Concen: 104.765 ng
RT: 6.86 min Scan# 641
Delta R.T. -0.03 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

Tgt Ion: 99 Resp: 2452826

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	37.9	31.3	46.9

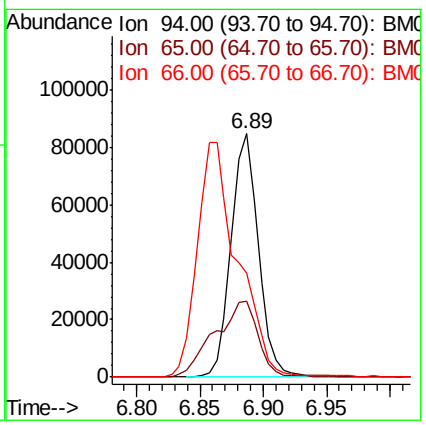


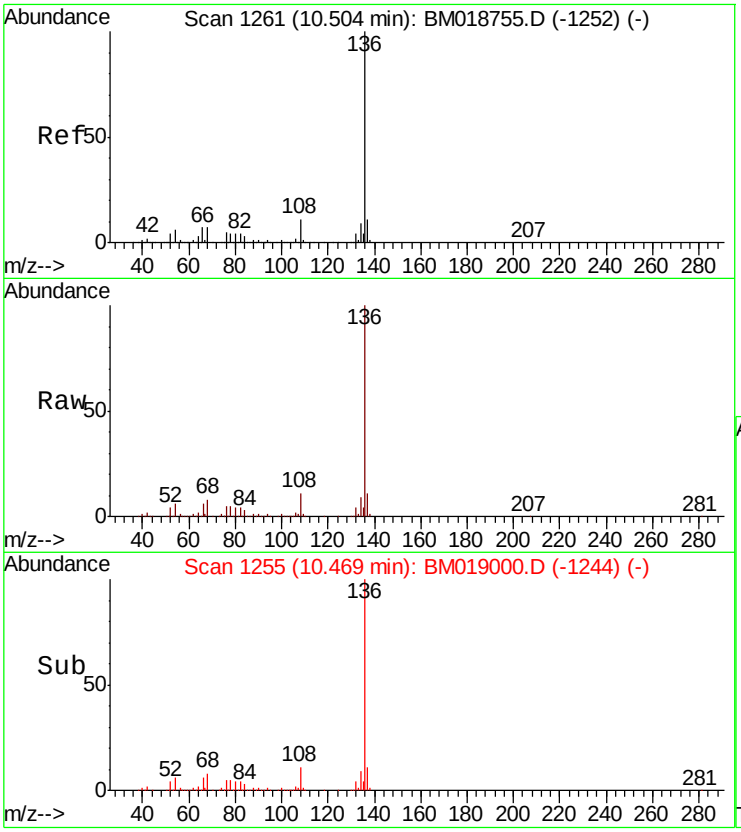


#10
Phenol
Concen: 5.141 ng
RT: 6.89 min Scan# 646
Delta R.T. -0.03 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Tgt Ion: 94 Resp: 126646

Ion	Ratio	Lower	Upper
94	100		
65	31.2	9.6	49.6
66	42.7	20.4	60.4



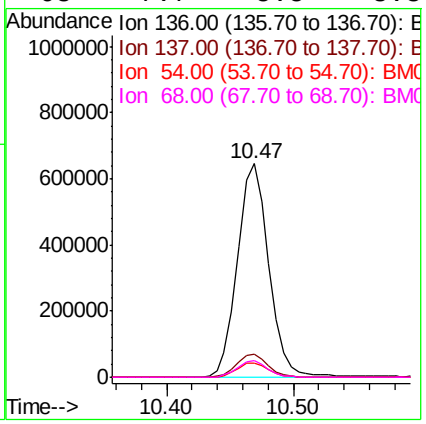


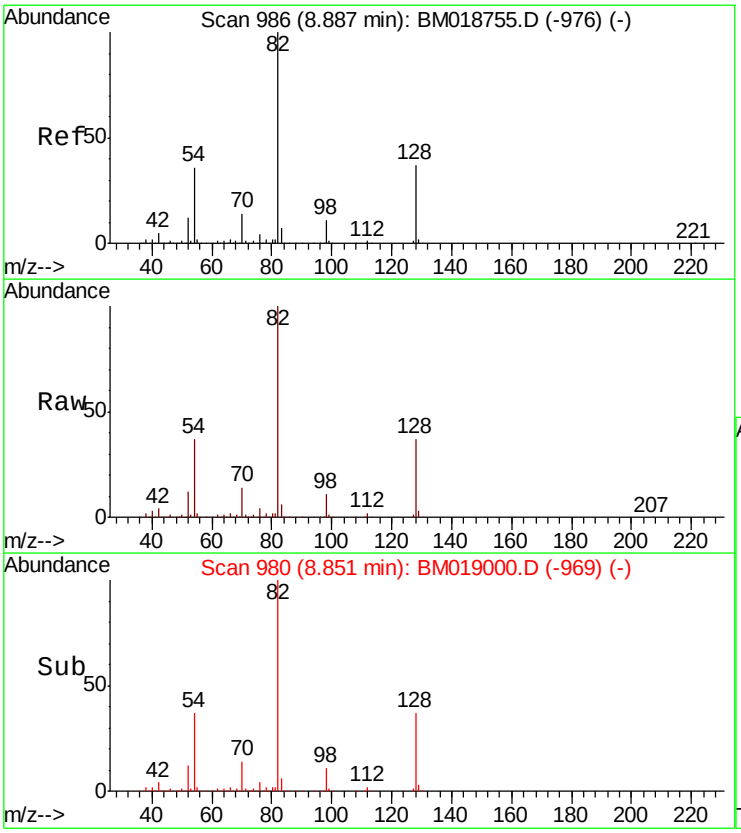
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

Tgt Ion:136 Resp: 1109070

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.0	7.6
68	7.7	5.5	8.3

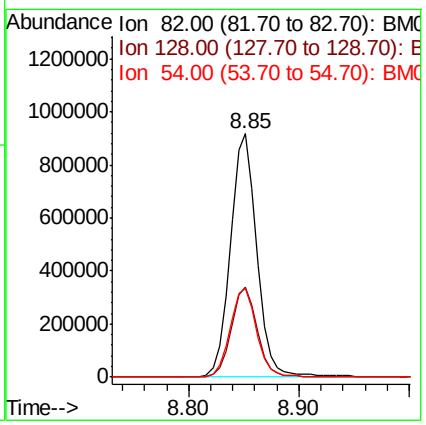


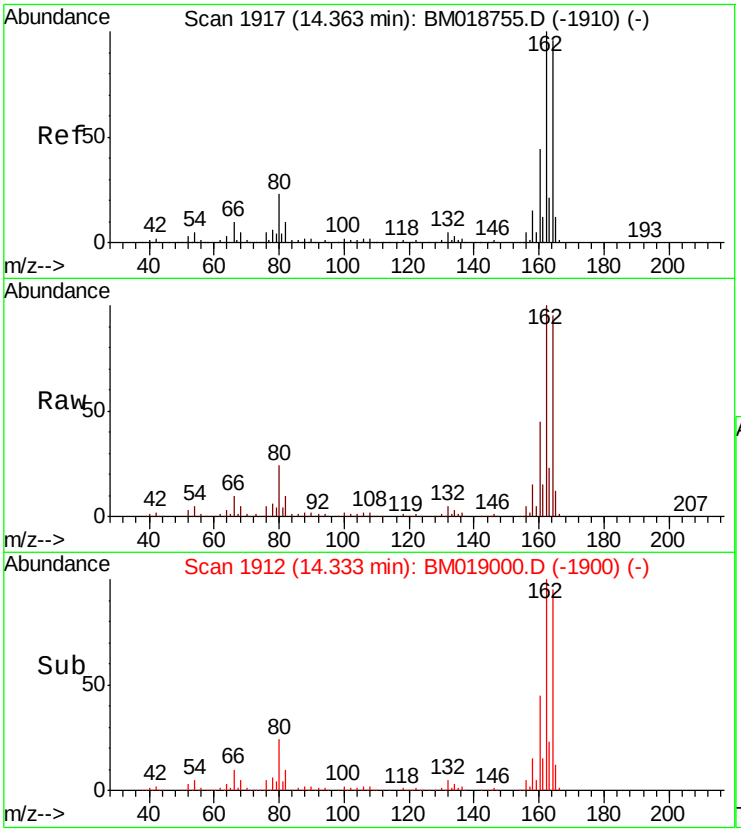


#23
Nitrobenzene-d5
Concen: 64.222 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Tgt Ion: 82 Resp: 1540417

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	36.5	29.1	43.7



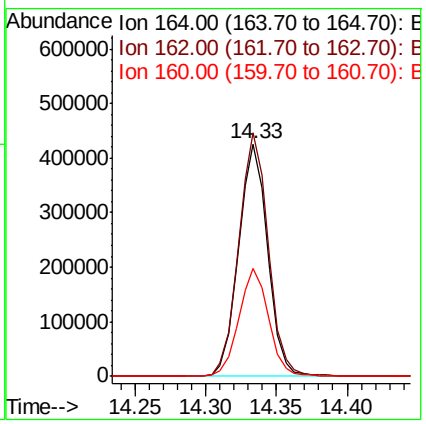


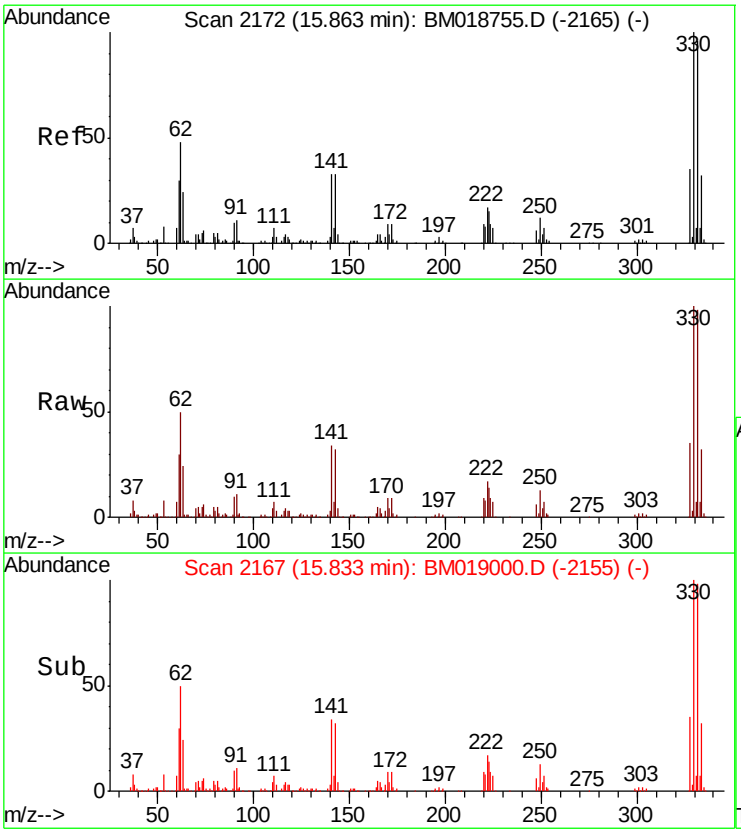
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

Tgt Ion:164 Resp: 613452

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.4	125.0
160	46.7	36.6	55.0

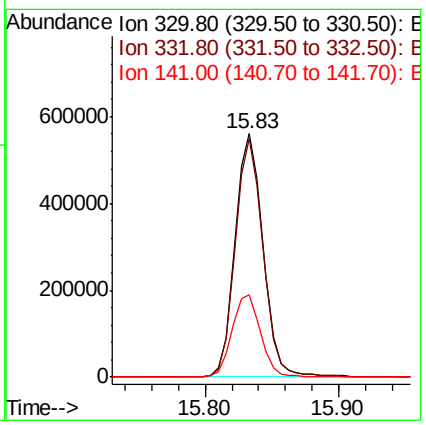


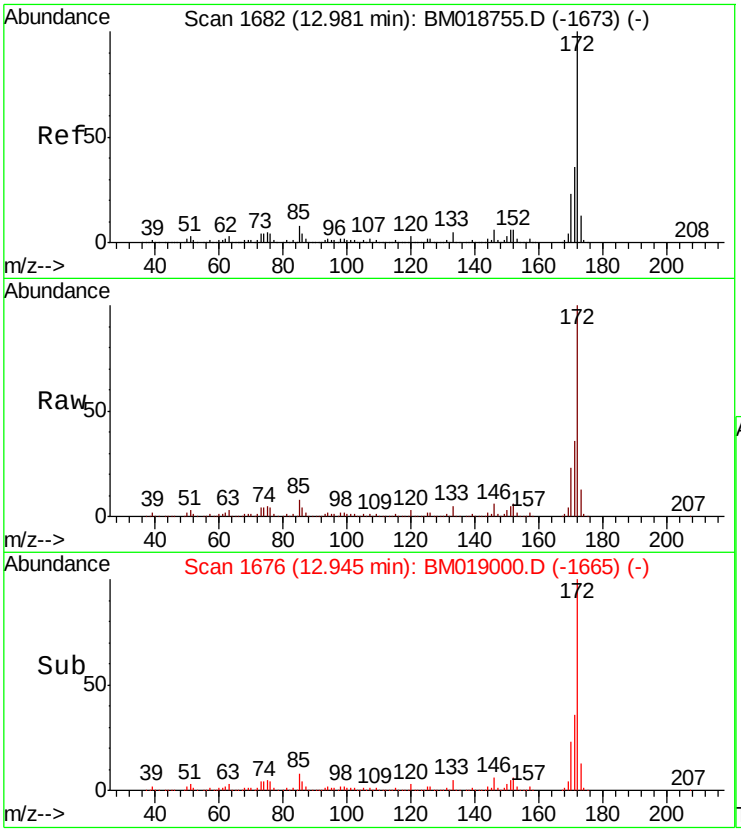


#42
2,4,6-Tribromophenol
Concen: 92.125 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Tgt Ion:330 Resp: 814640

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	34.8	28.7	43.1



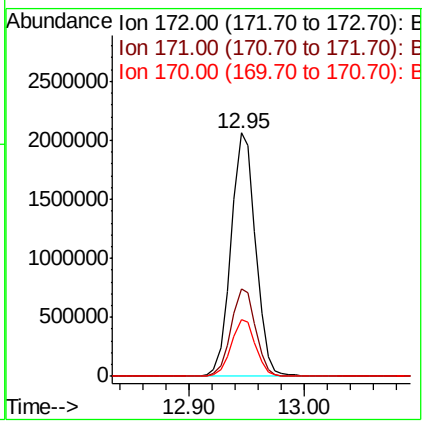


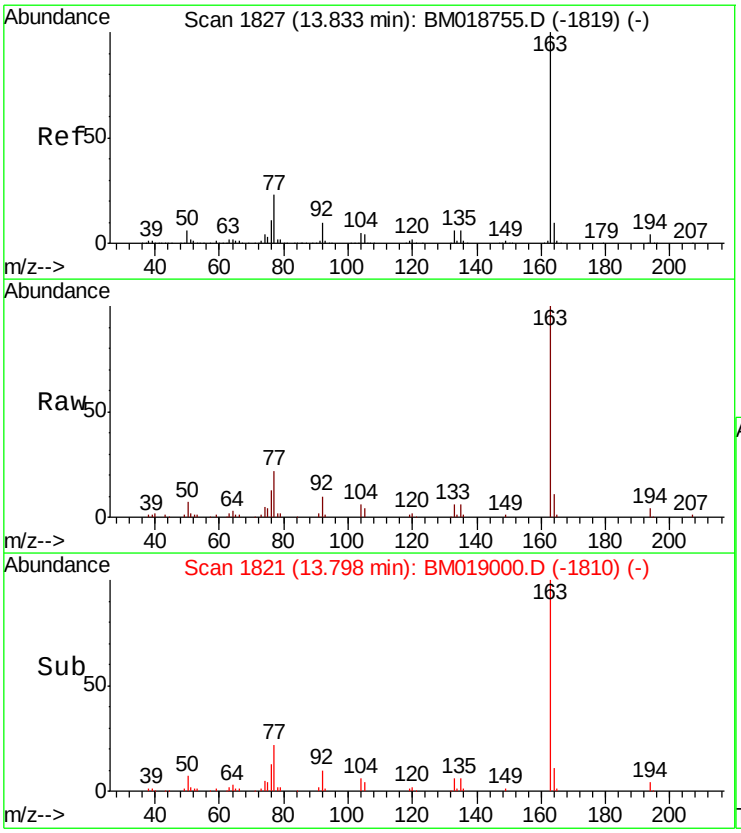
#45
2-Fluorobiphenyl
Concen: 65.787 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

Tgt Ion:172 Resp: 3040140

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.3	18.6	28.0

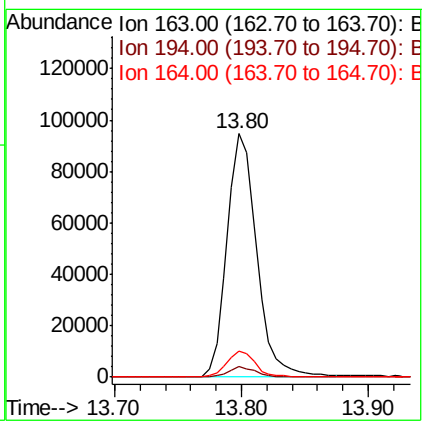


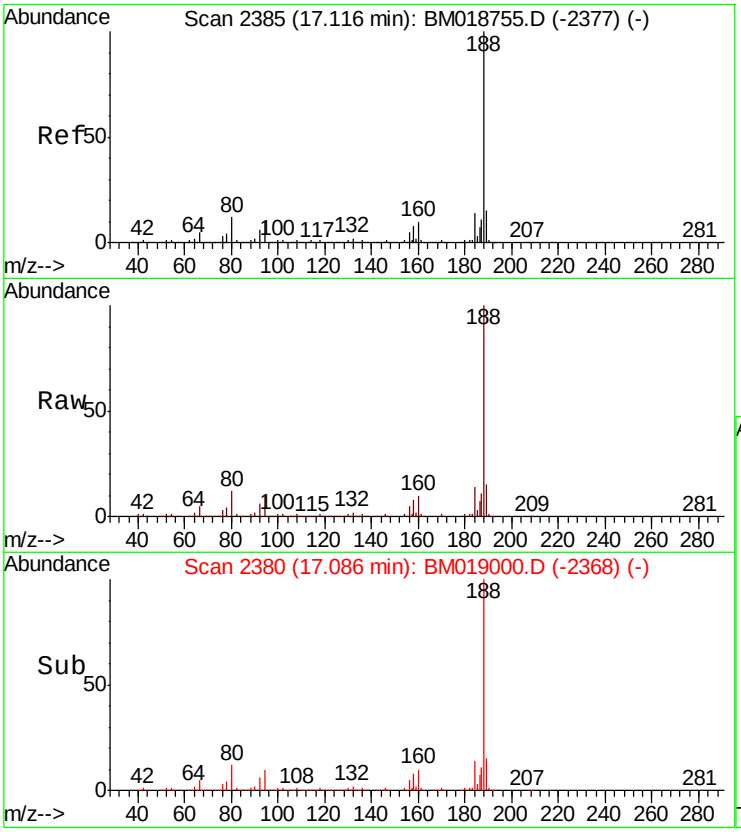


#50
Dimethylphthalate
Concen: 3.001 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Tgt Ion:163 Resp: 153408

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.6	7.8	11.8



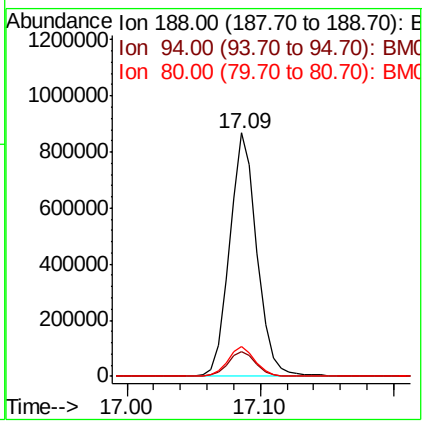


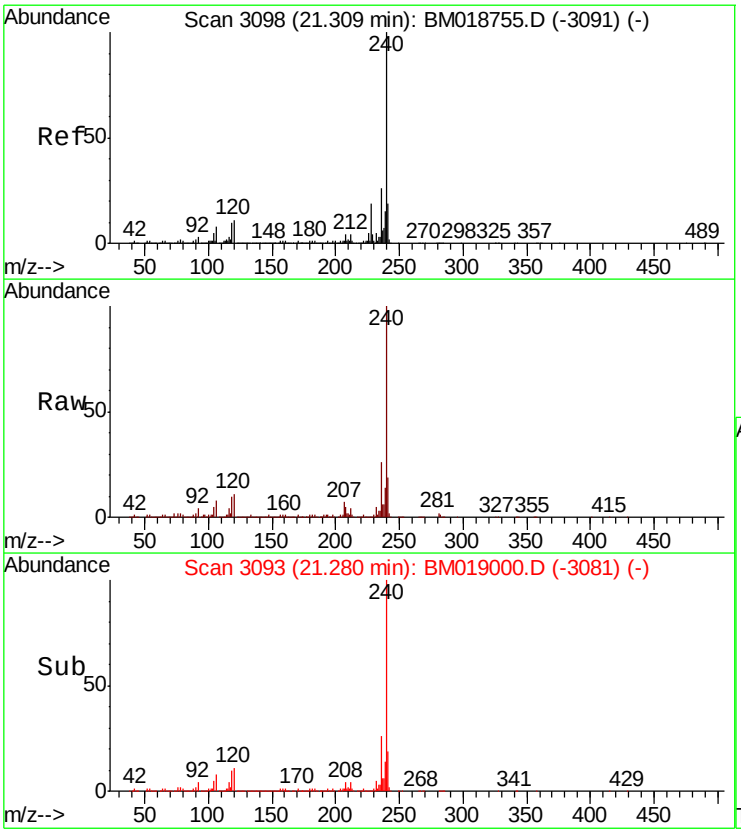
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

Tgt Ion:188 Resp: 1237514

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	12.1	9.7	14.5

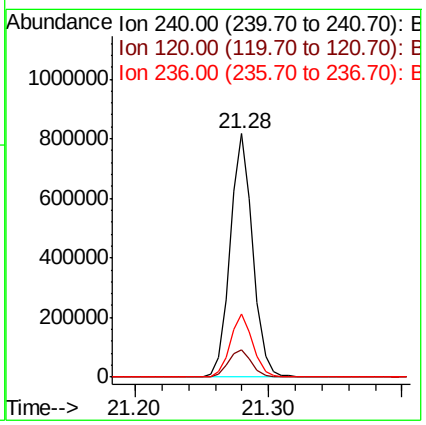


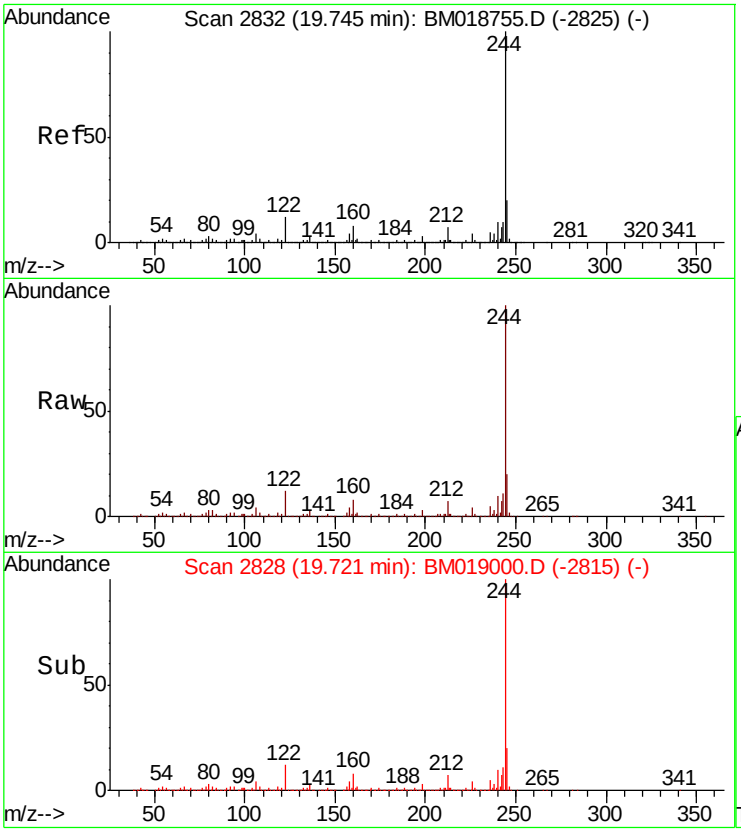


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Tgt Ion:240 Resp: 964681

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.9	20.9	31.3



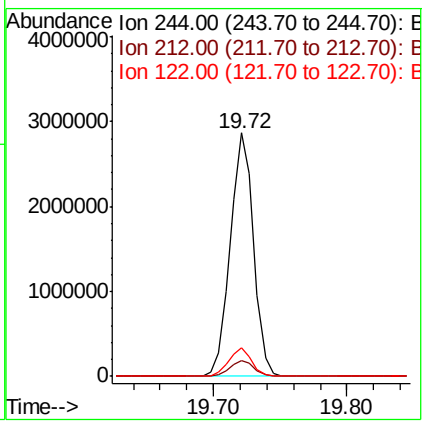


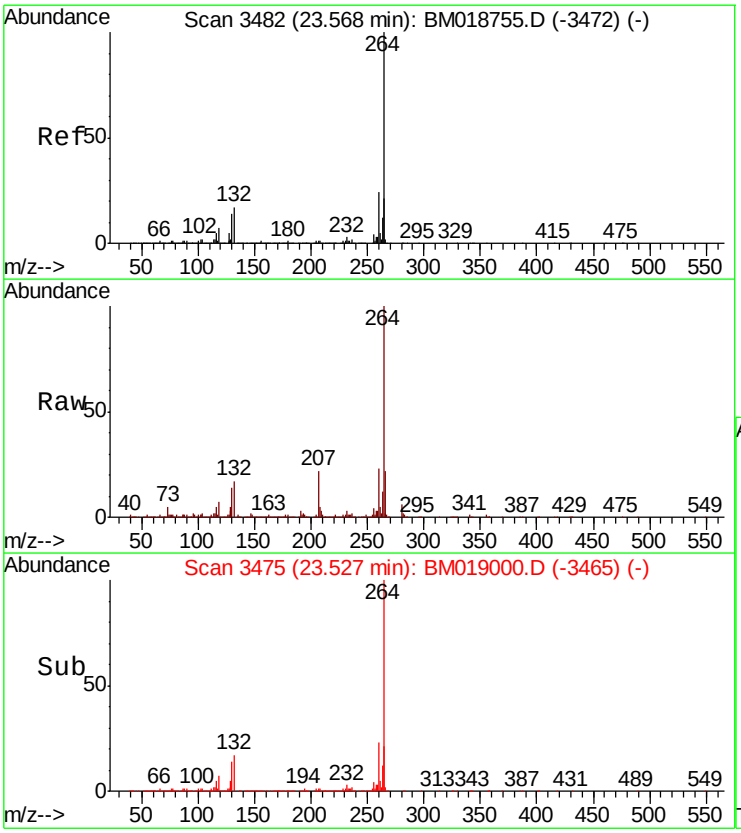
#79
Terphenyl-d14
Concen: 74.773 ng
RT: 19.72 min Scan# 2828
Delta R.T. -0.02 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

Tgt Ion:244 Resp: 3496664

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.04 min
Lab File: BM019000.D
Acq: 01 Mar 2019 23:08

Tgt Ion:264 Resp: 1007353

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.5	17.3	25.9