Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019043.D
Acq On : 05 Mar 2019 19:04
Operator : JU/SJ
Sample : K1705-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXT-028-SW006-022719

Quant Time: Mar 06 06:28:59 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	229559	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	823715	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	417828	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	862461	20.00	ng	0.00
76) Chrysene-d12	21.28	240	811166	20.00	ng	0.00
87) Perylene-d12	23.53	264	859048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1746604	124.66	ng	0.00
7) Phenol-d6	6.86	99	2369663	120.06	ng	0.00
23) Nitrobenzene-d5	8.85	82	1489491	83.61	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	723555	120.13	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2496599	79.32	ng	-0.01
79) Terphenyl-d14	19.72	244	3051584	77.61	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.88	94	154299	7.430	ng	97
50) Dimethylphthalate	13.79	163	156981	4.508	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	270038	8.593	ng	99

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

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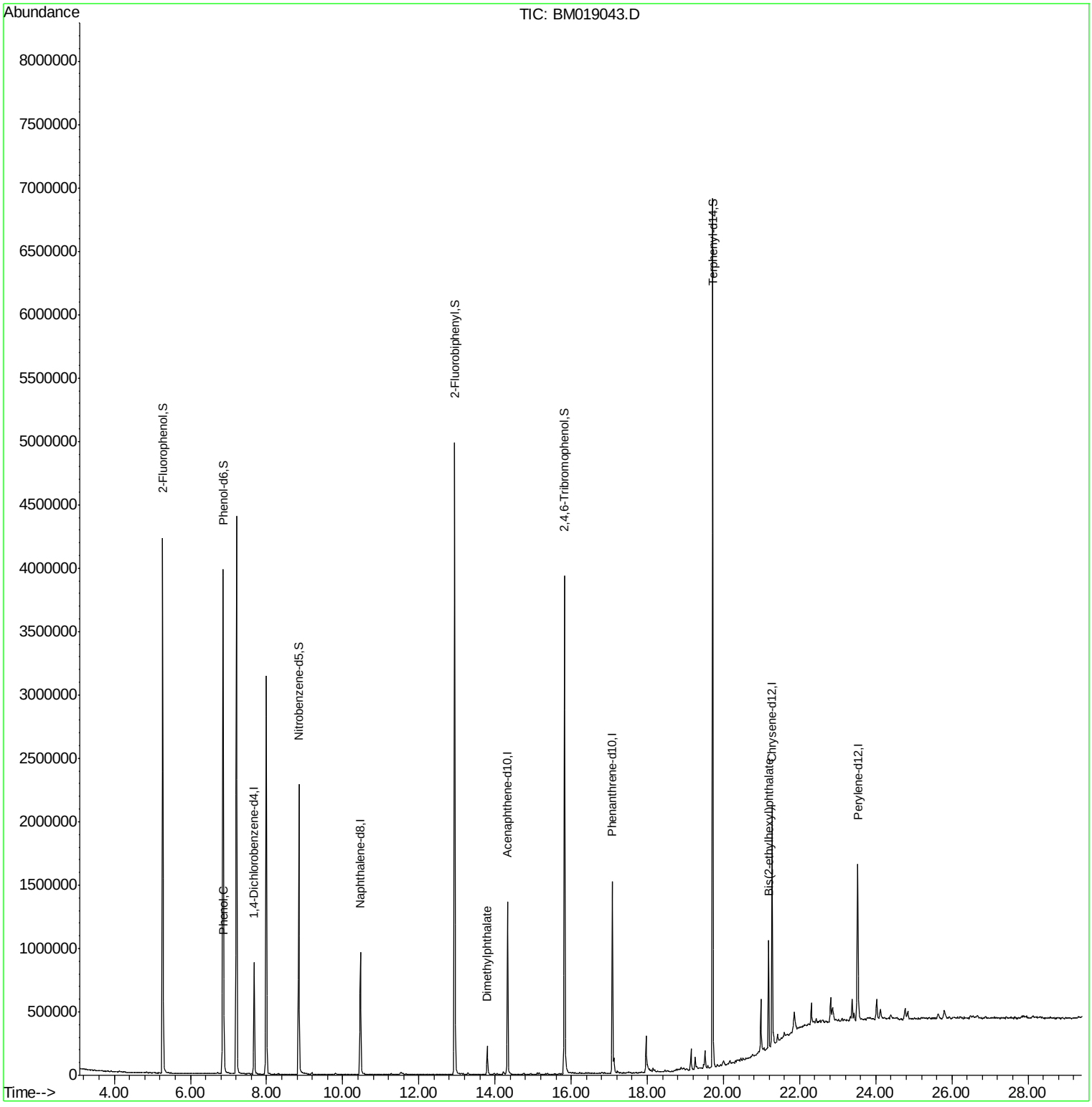
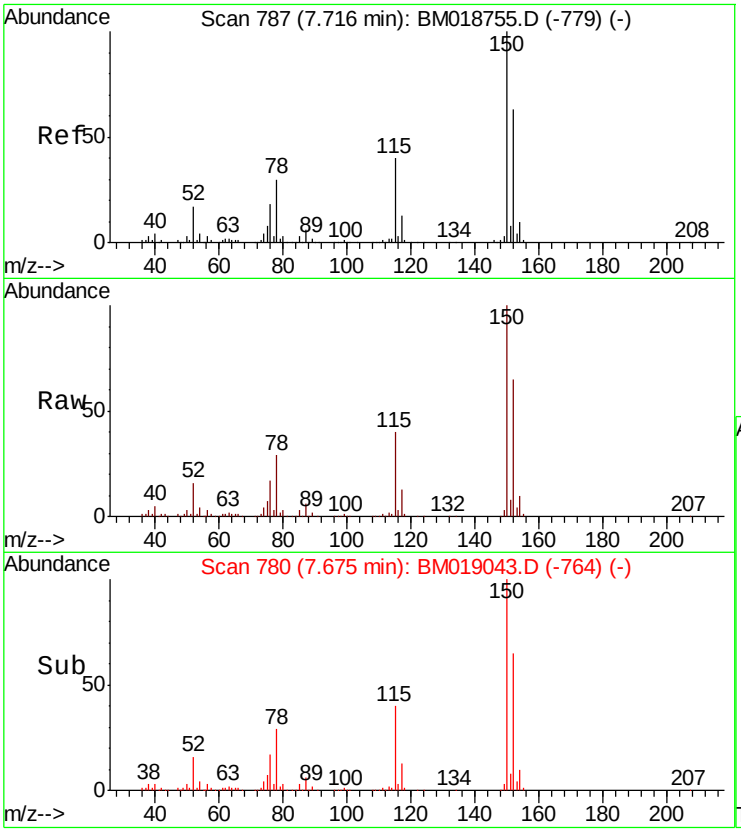


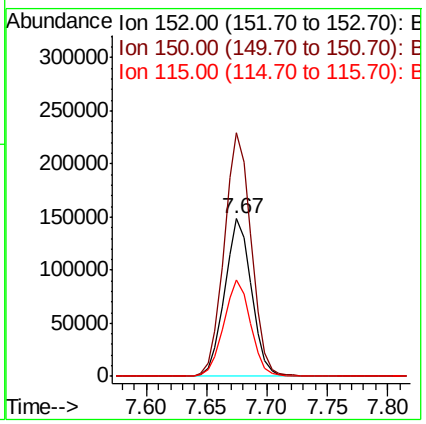


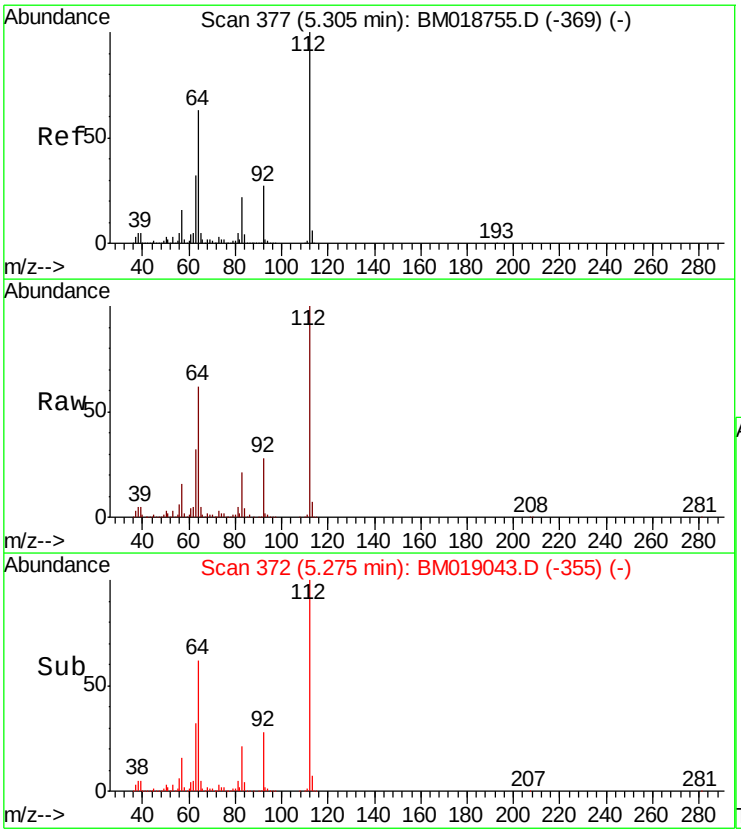
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:152 Resp: 229559

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.3	190.9
115	61.3	50.8	76.2

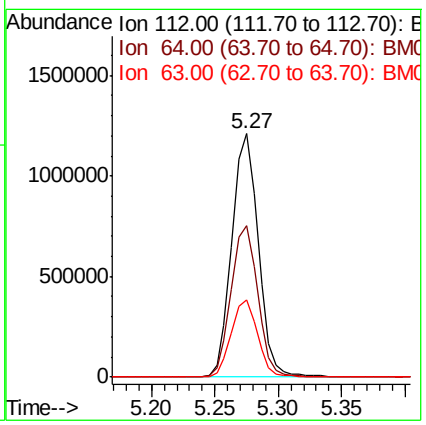


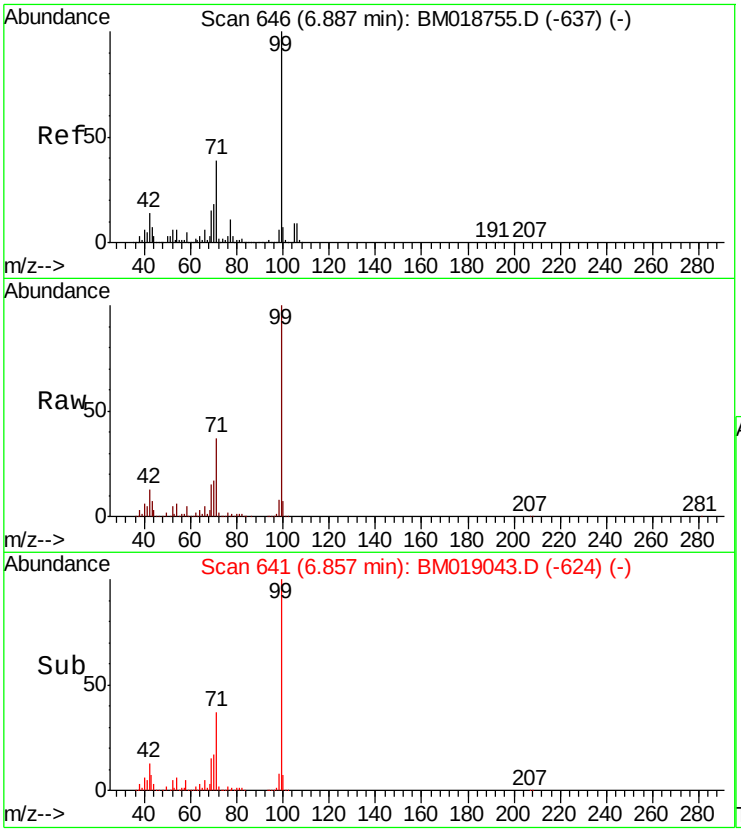


#5
2-Fluorophenol
Concen: 124.664 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:112 Resp: 1746604

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.6	75.8
63	31.7	25.7	38.5



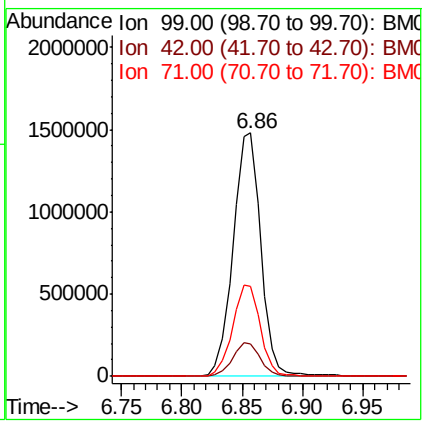


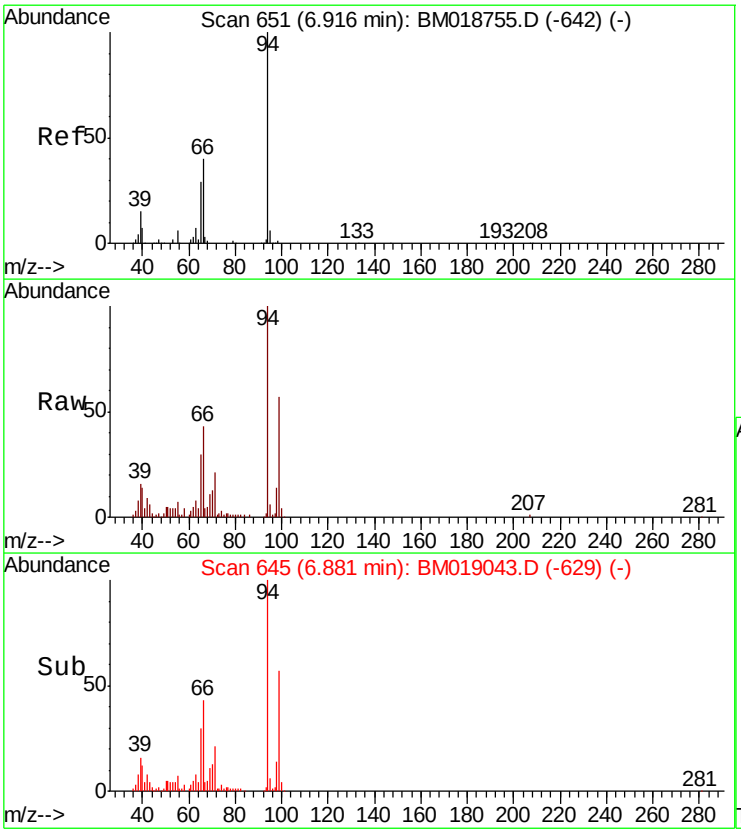
#7
Phenol-d6
Concen: 120.060 ng
RT: 6.86 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion: 99 Resp: 2369663

Ion	Ratio	Lower	Upper
99	100		
42	13.3	11.0	16.6
71	36.7	31.3	46.9

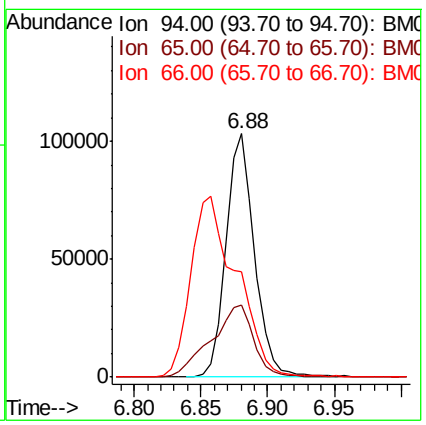


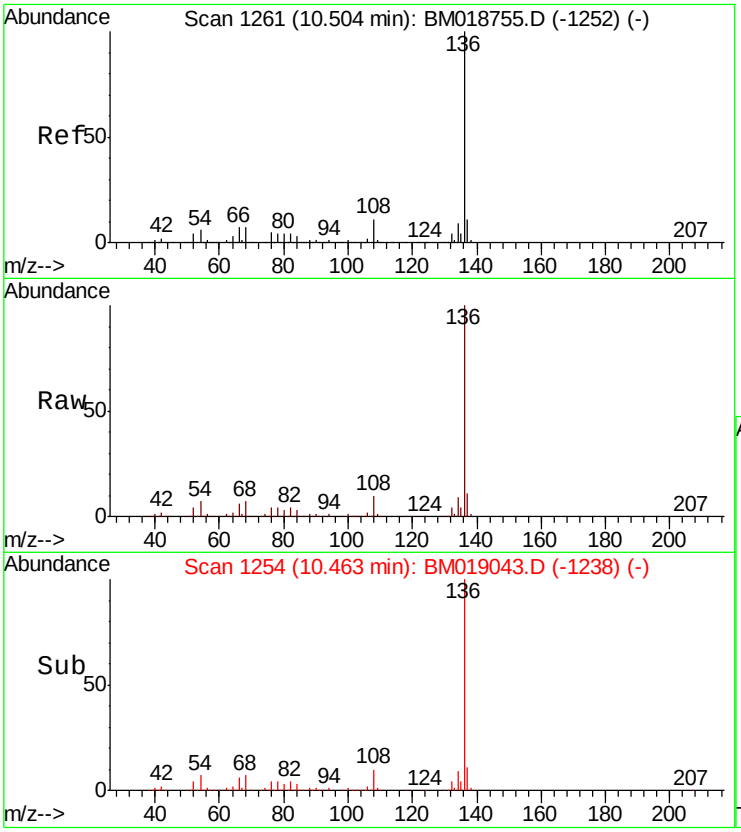


#10
Phenol
Concen: 7.430 ng
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion: 94 Resp: 154299

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.6	49.6
66	43.1	20.4	60.4



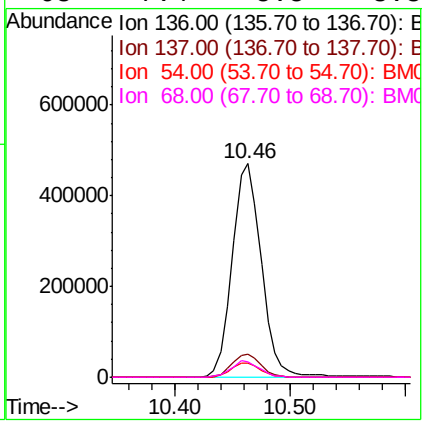


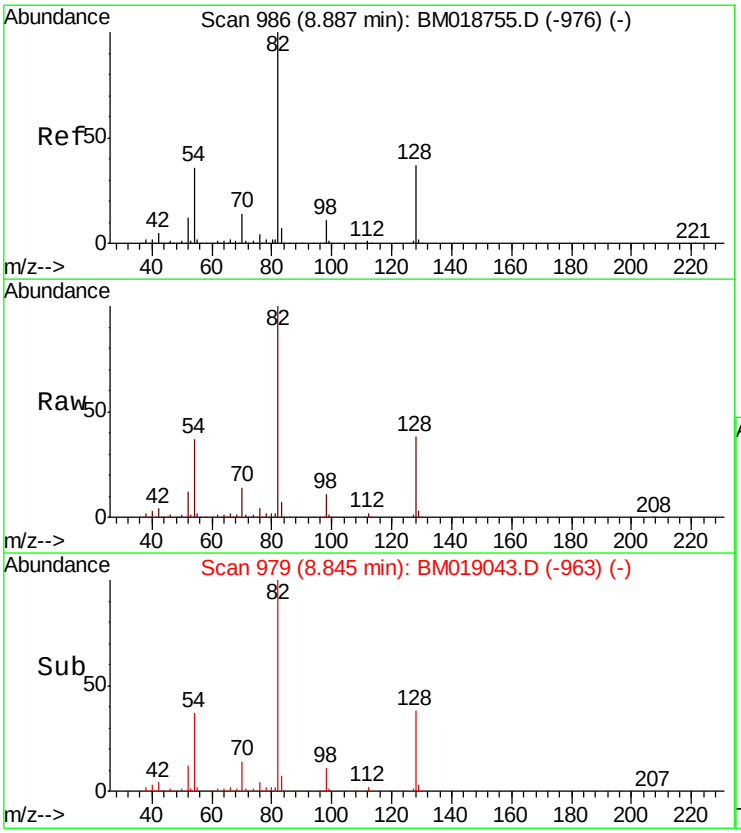
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:136 Resp: 823715

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.0	7.6
68	7.4	5.5	8.3

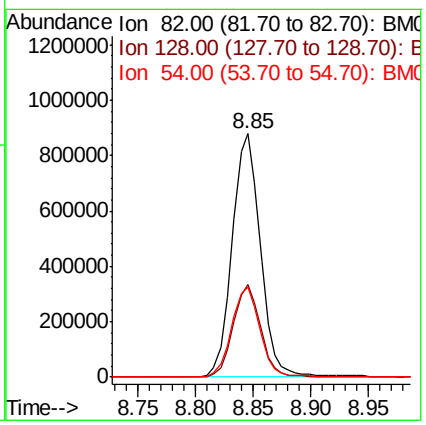


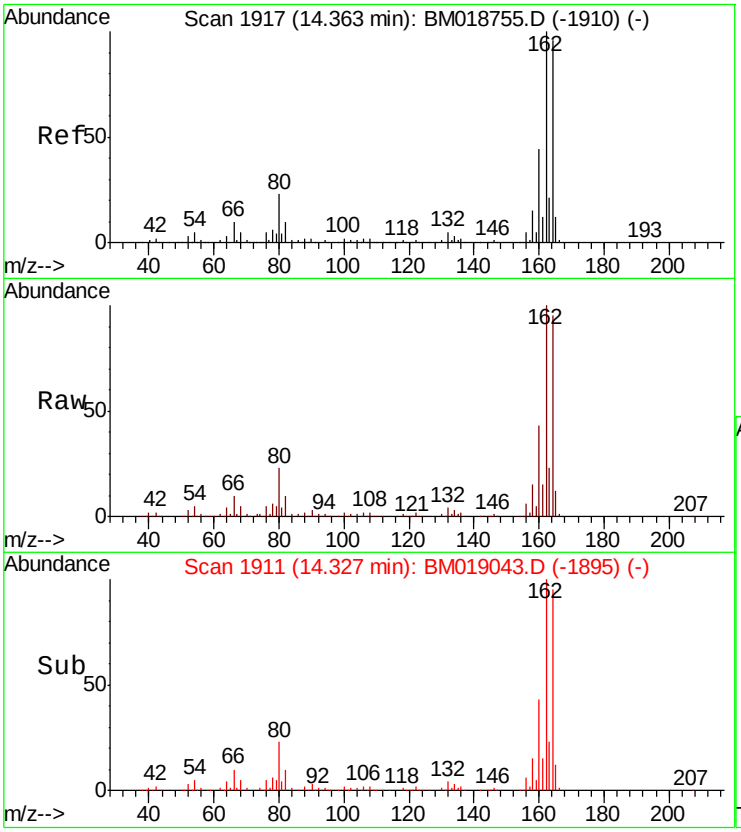


#23
Nitrobenzene-d5
Concen: 83.611 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion: 82 Resp: 1489491

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.9	44.9
54	37.0	29.1	43.7



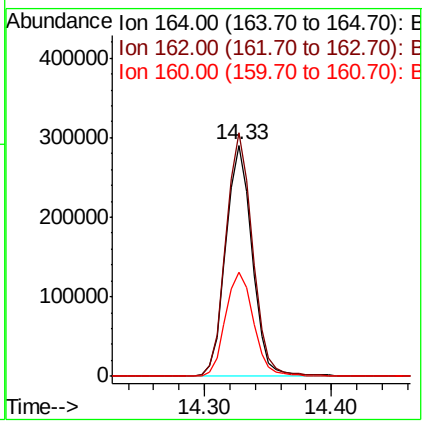


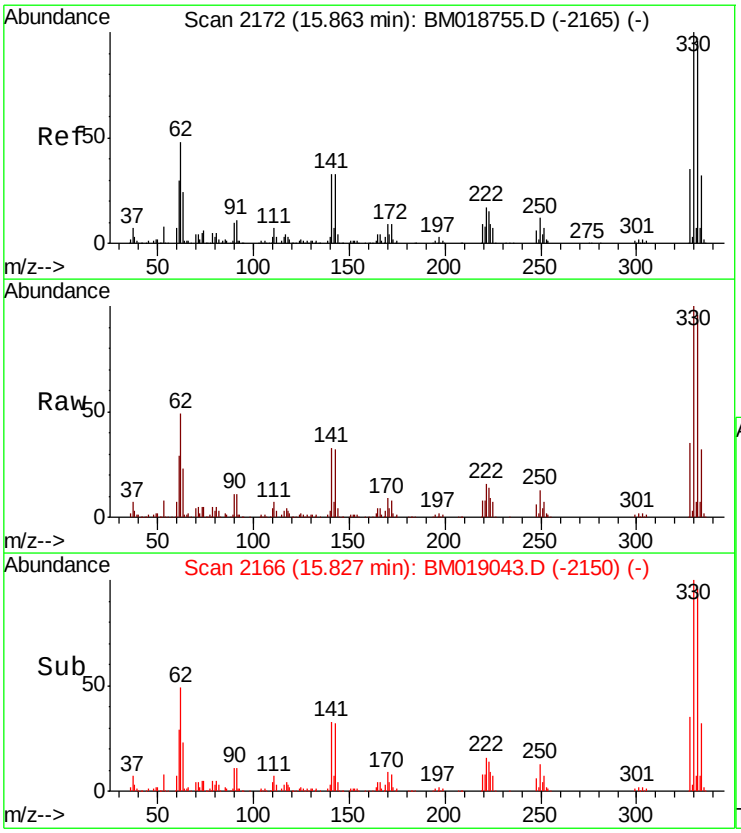
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:164 Resp: 417828

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.4	125.0
160	45.2	36.6	55.0

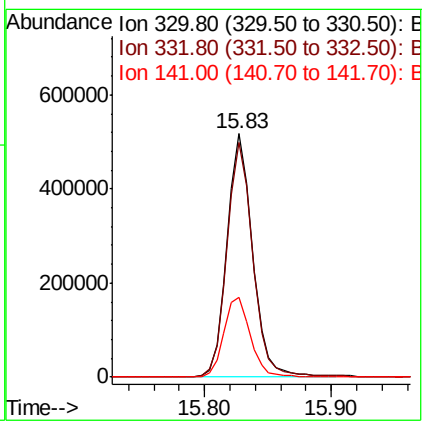


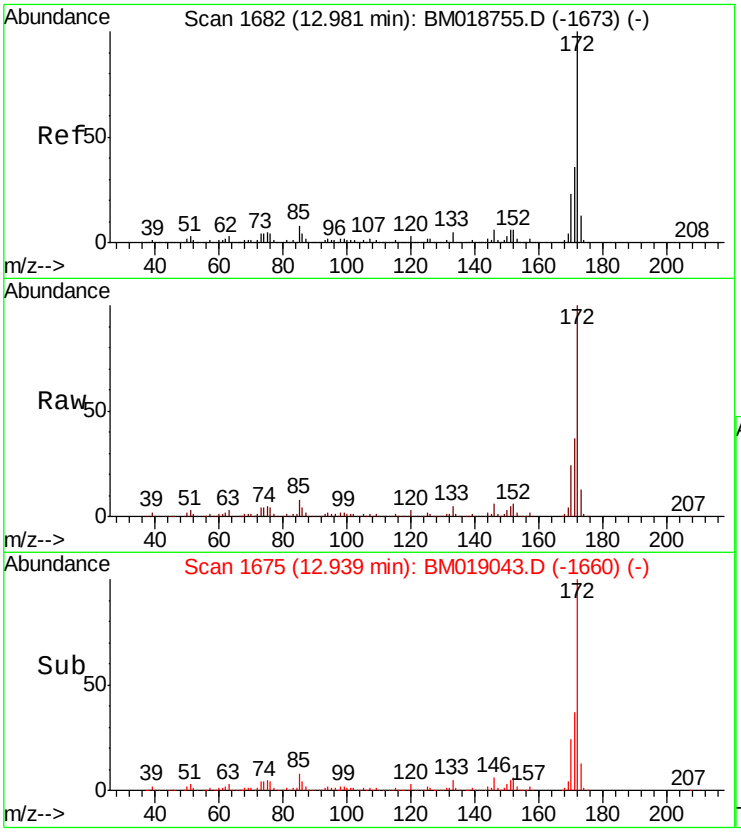


#42
2,4,6-Tribromophenol
Concen: 120.134 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:330 Resp: 723555

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	34.2	28.7	43.1



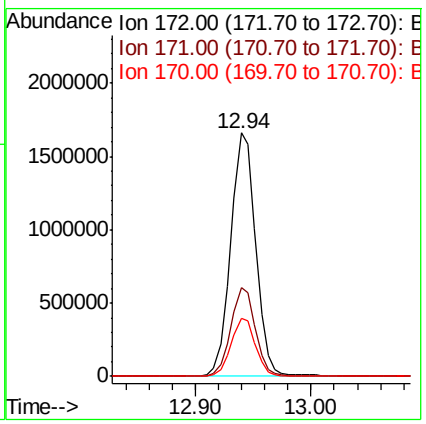


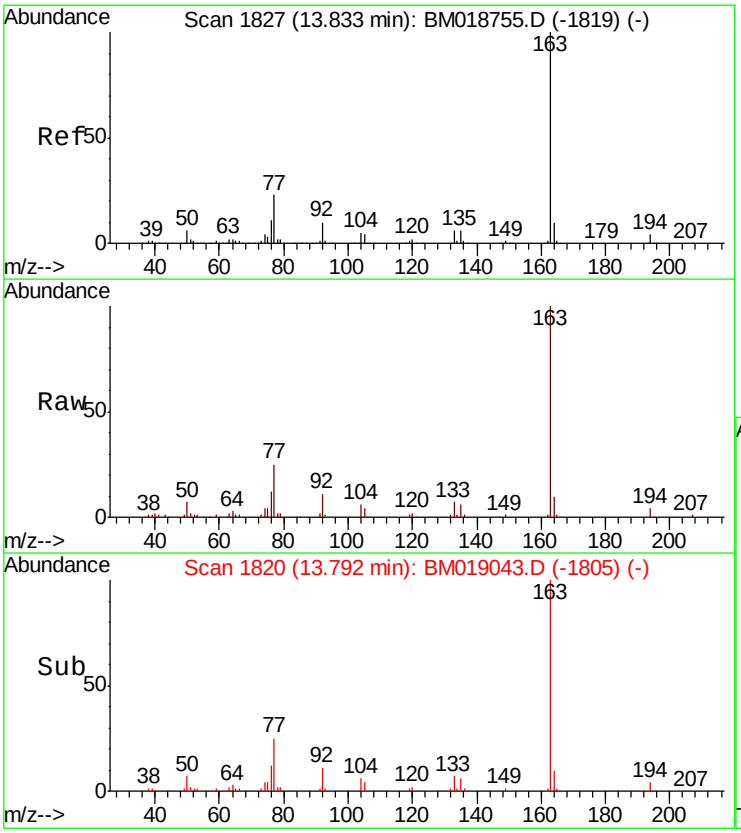
#45
2-Fluorobiphenyl
Concen: 79.319 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:172 Resp: 2496599

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	23.6	18.6	28.0

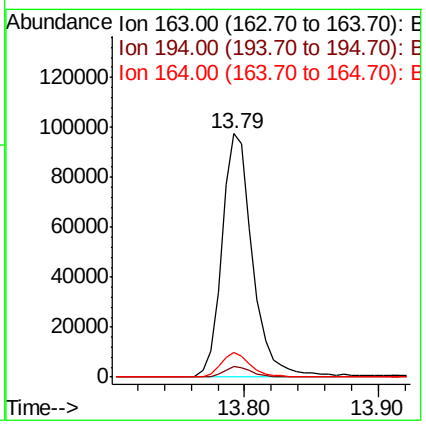


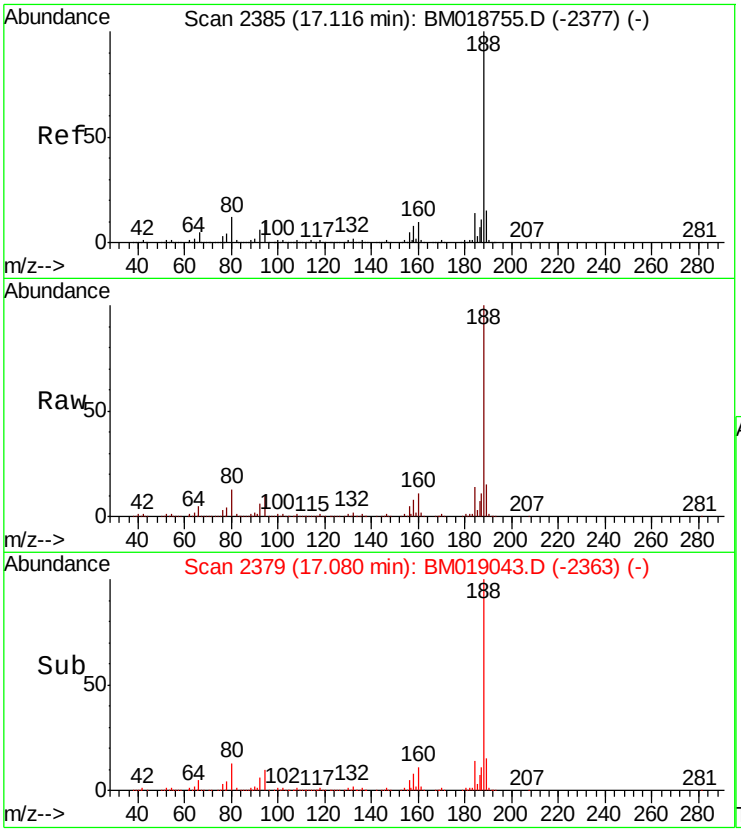


#50
Dimethylphthalate
Concen: 4.508 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:163 Resp: 156981

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	7.8	11.8



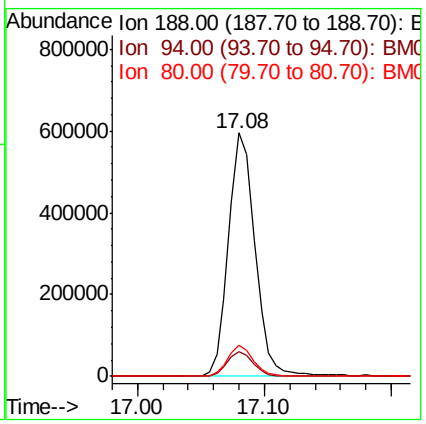


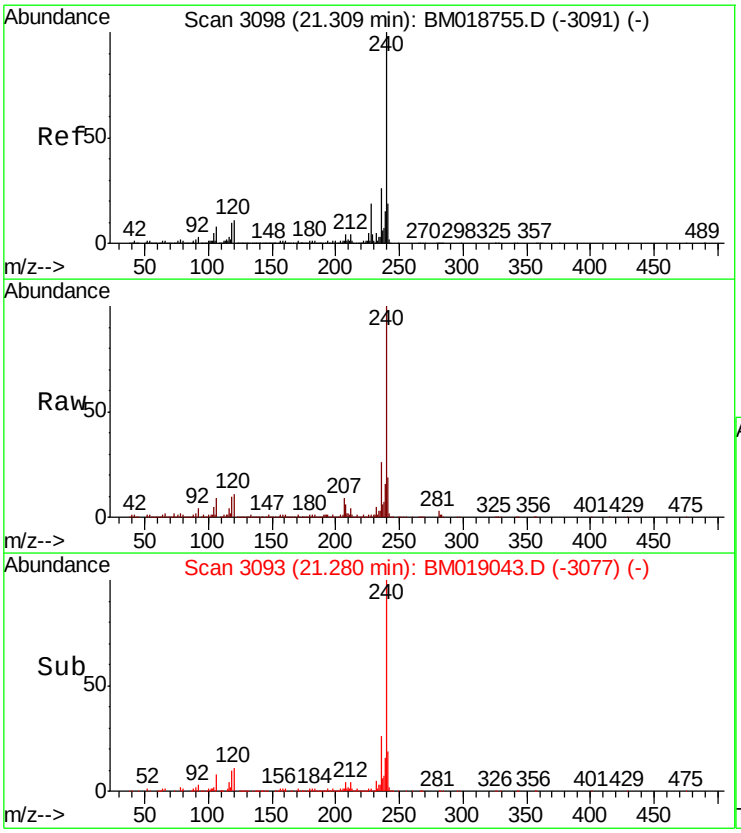
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:188 Resp: 862461

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

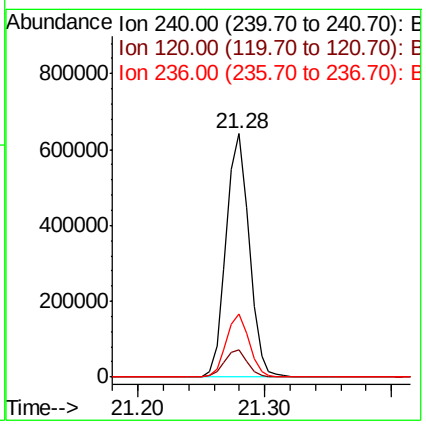


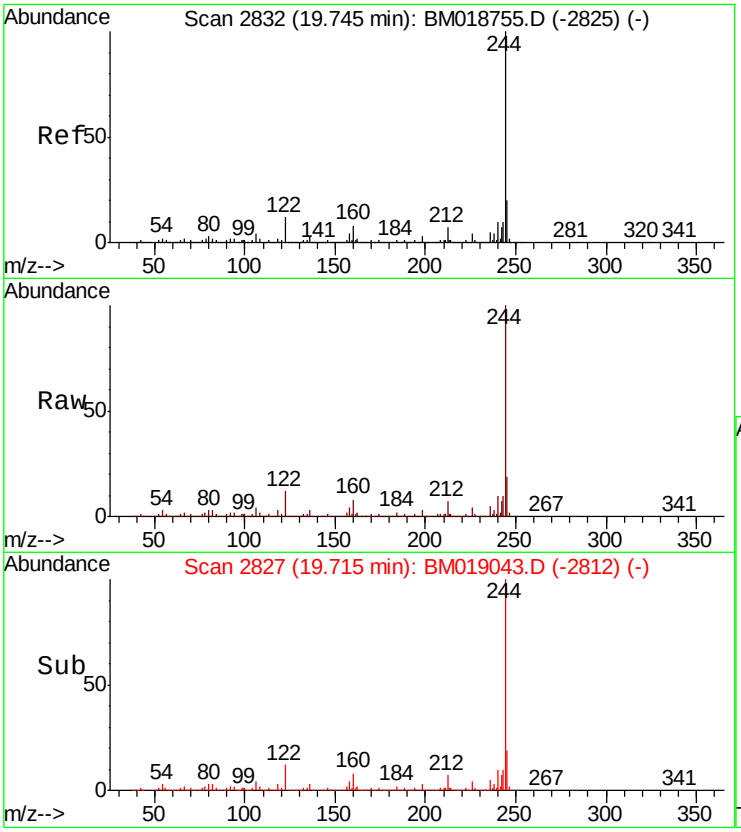


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:240 Resp: 811166

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.1	20.9	31.3



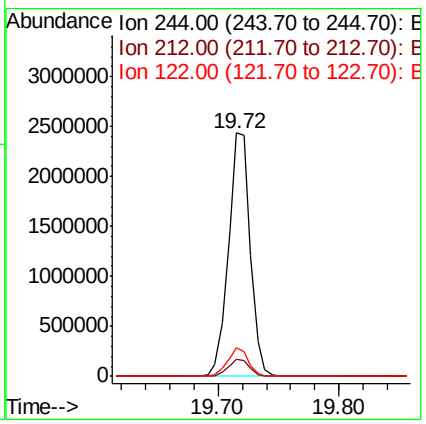


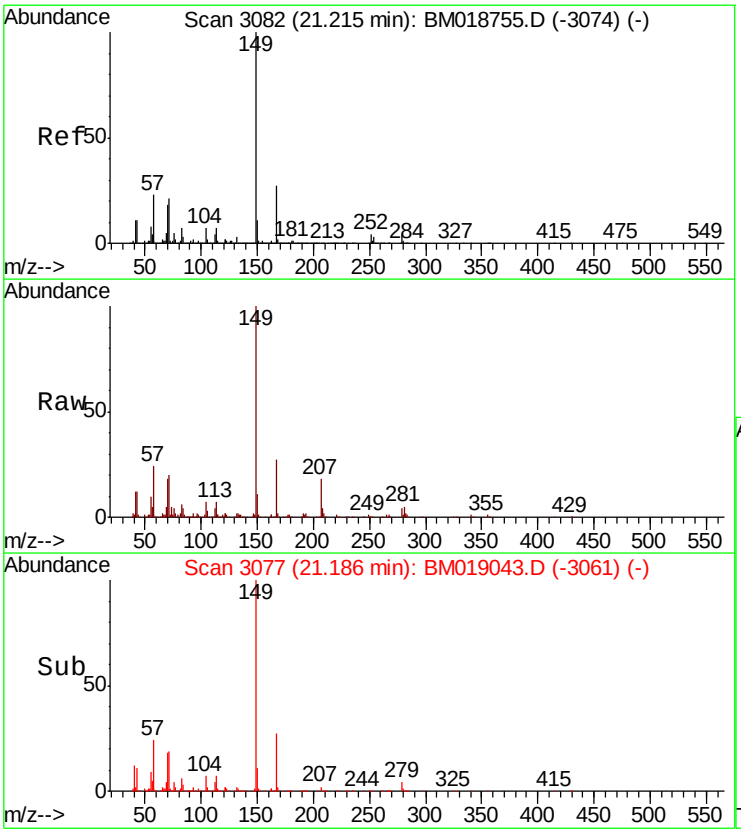
#79
Terphenyl-d14
Concen: 77.606 ng
RT: 19.72 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:244 Resp: 3051584

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.8	9.3	13.9

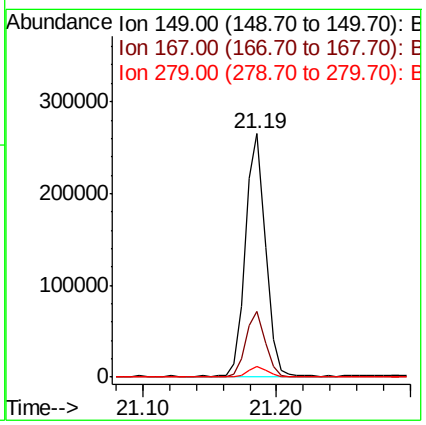


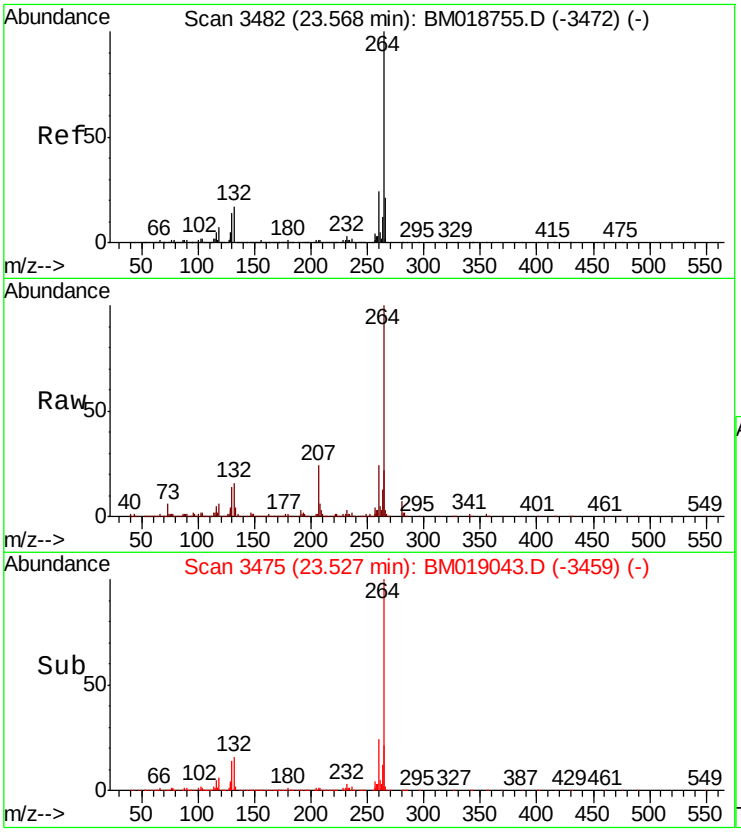


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.593 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Tgt Ion:149 Resp: 270038

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	4.2	3.6	5.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM019043.D
Acq: 05 Mar 2019 19:04

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW006-022719

Tgt Ion:264 Resp: 859048

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.8	17.3	25.9