Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018697.D
Acq On : 30 Jan 2019 16:00
Operator : JU/SJ
Sample : K1282-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-8-AB

Quant Time: Jan 30 17:32:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	259050	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	968405	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	488390	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	958836	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	949898	20.00	ng	-0.02
87) Perylene-d12	23.59	264	1082212	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2163447	154.21	ng	-0.02
7) Phenol-d6	6.90	99	2717721	152.52	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1635670	97.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	882343	141.89	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3847598	102.80	ng	-0.02
79) Terphenyl-d14	19.76	244	4261787	94.58	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.83	163	137082	3.418	ng	99

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

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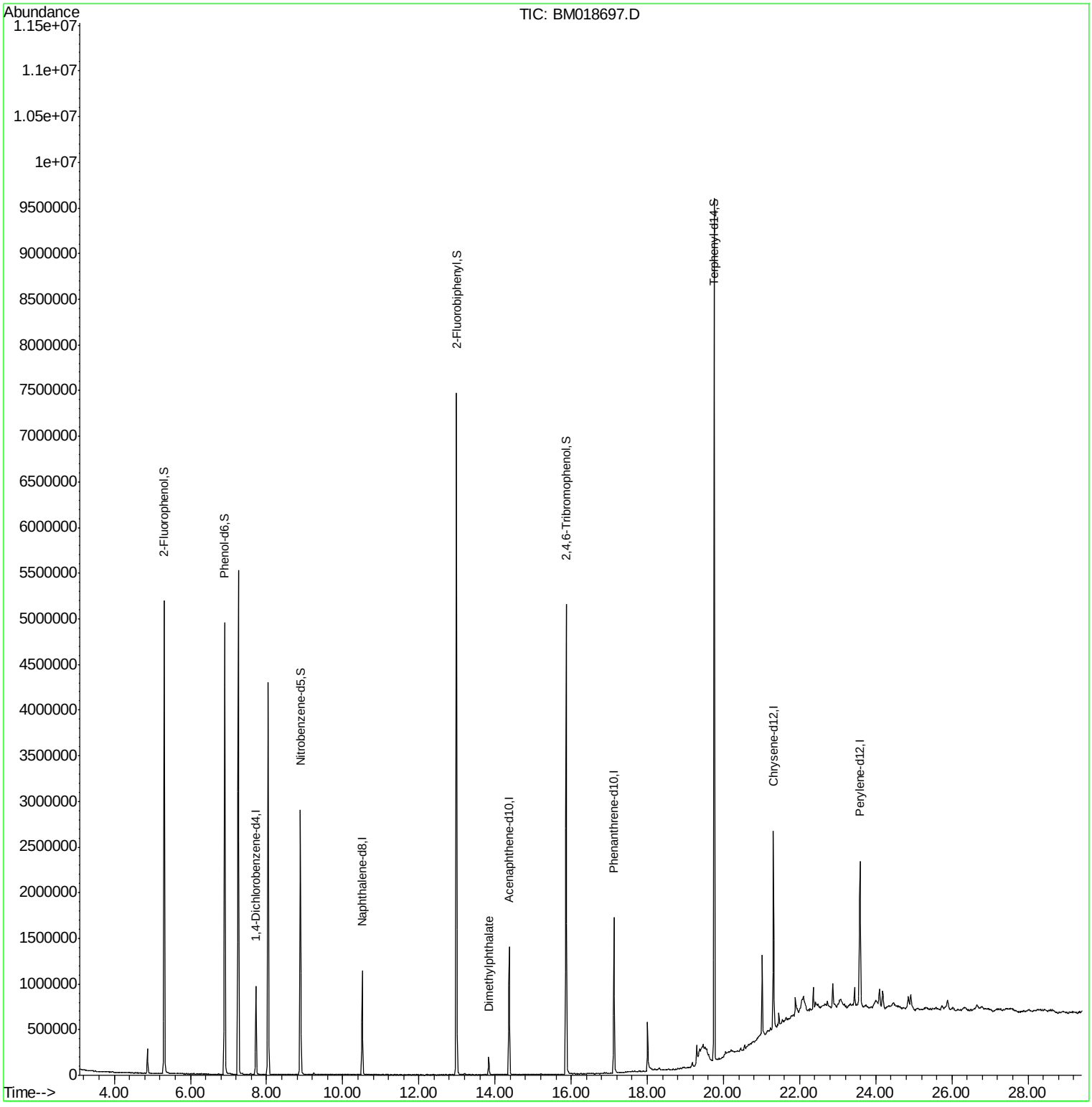
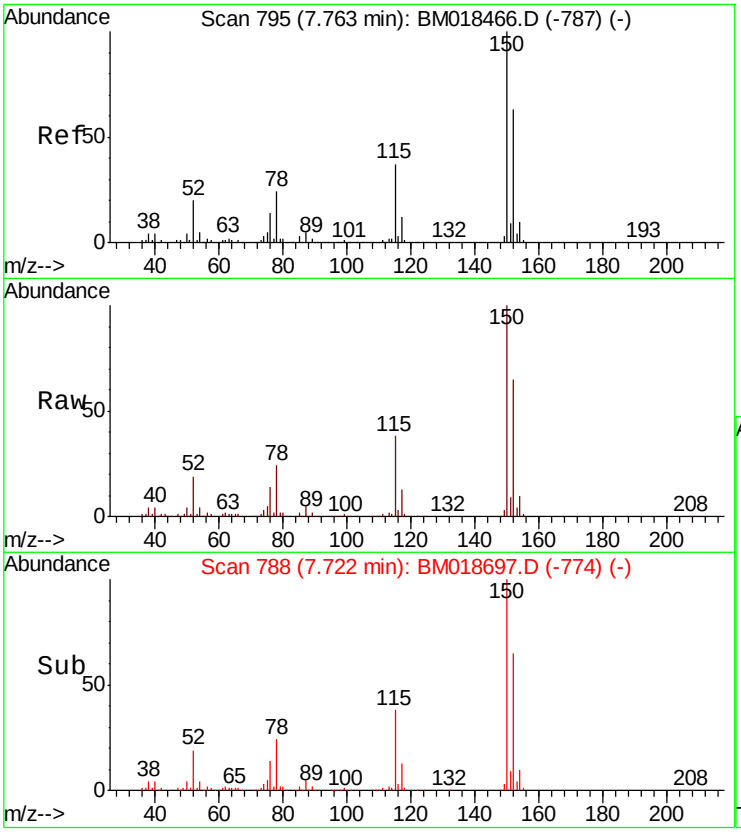


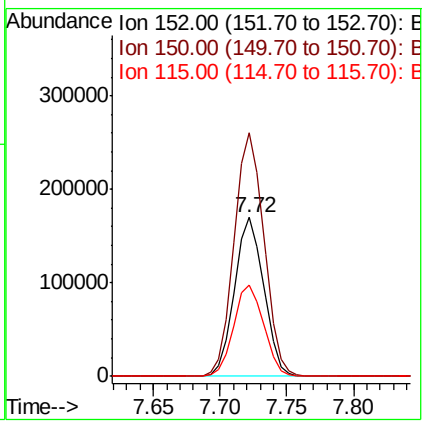


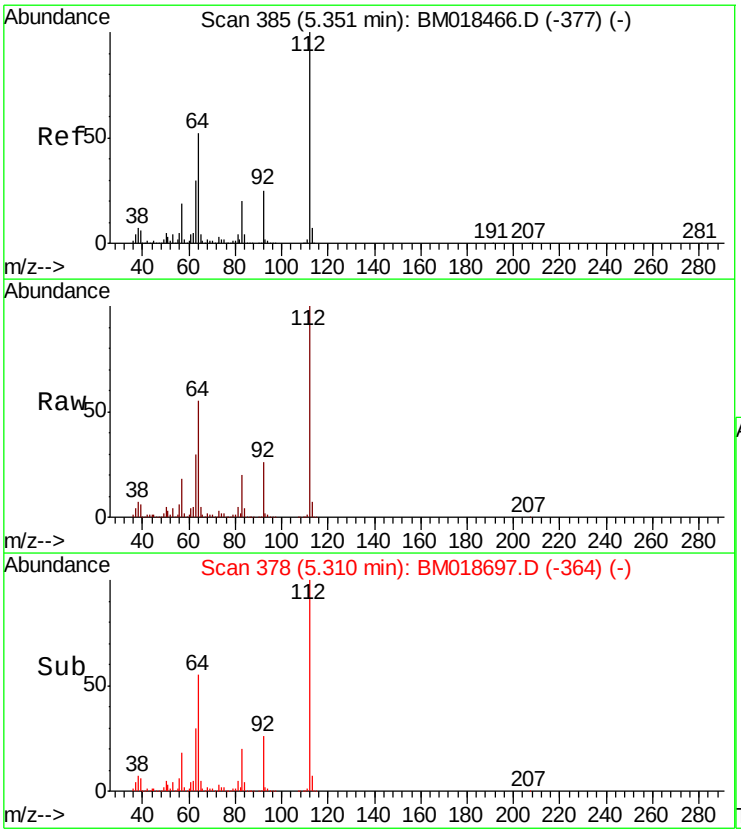
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Instrument :
BNA_M
ClientSampleId :
TP-8-AB

Tgt Ion:152 Resp: 259050

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	57.5	45.5	68.3

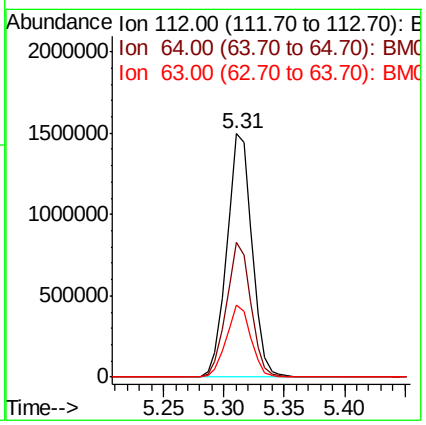


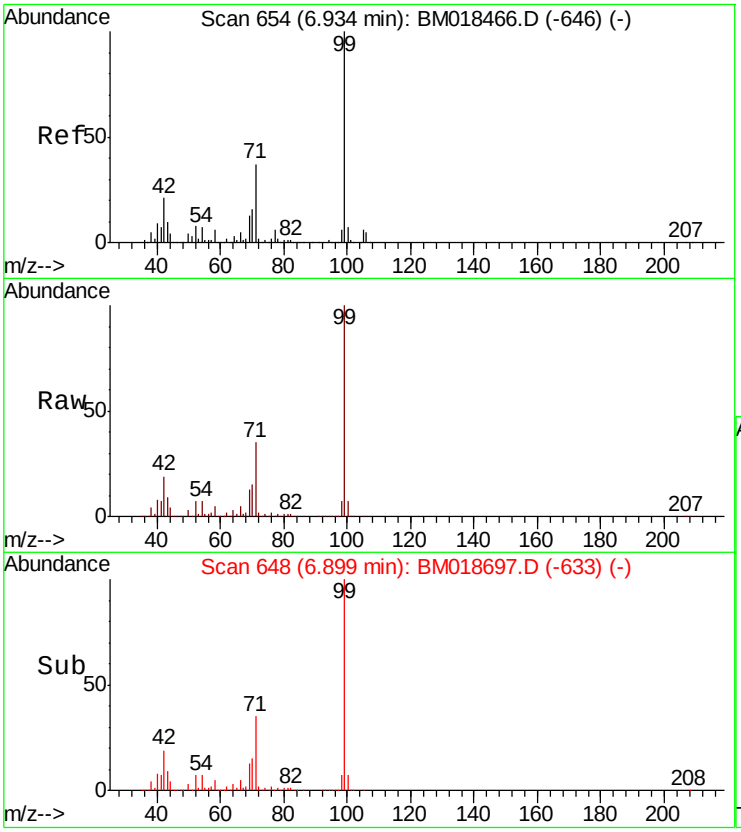


#5
2-Fluorophenol
Concen: 154.209 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Tgt Ion:112 Resp: 2163447

Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.5	69.7
63	29.7	25.2	37.8



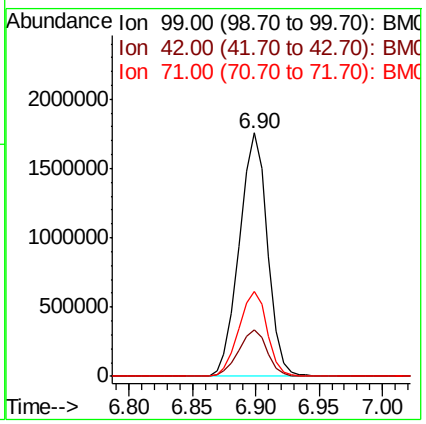


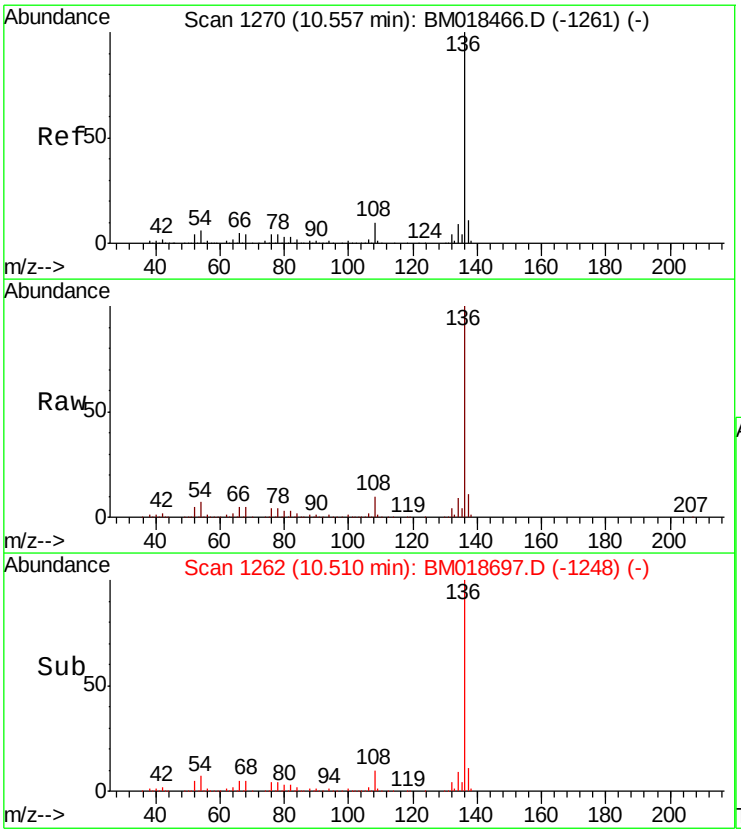
#7
Phenol-d6
Concen: 152.519 ng
RT: 6.90 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Instrument :
BNA_M
ClientSampleId :
TP-8-AB

Tgt Ion: 99 Resp: 2717721

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	34.6	28.0	42.0

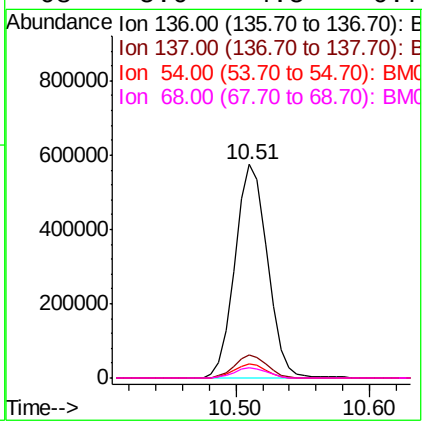


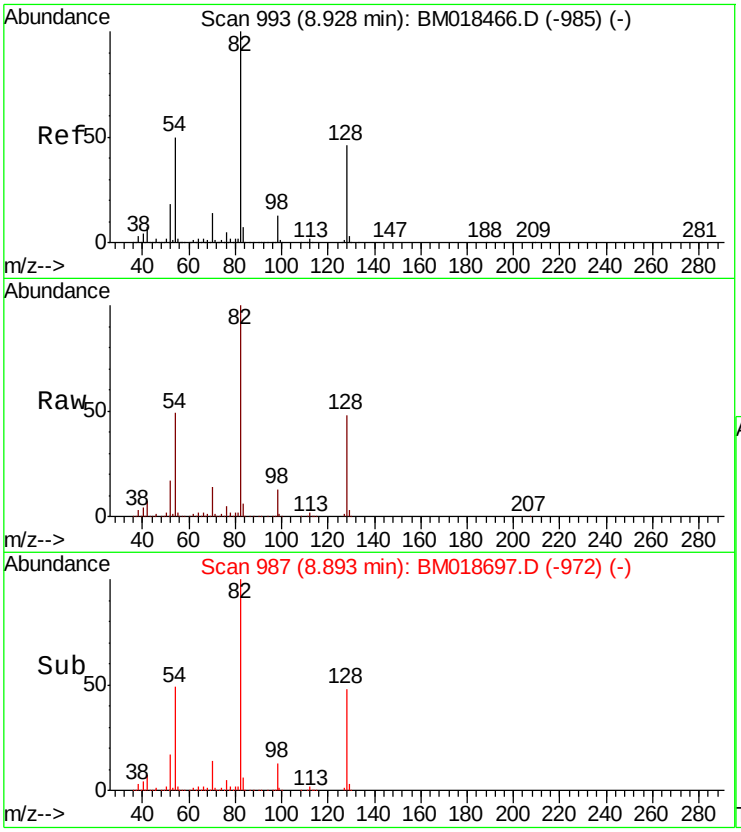


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Tgt Ion:136 Resp: 968405

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.7	6.0	9.0
68	5.0	4.5	6.7



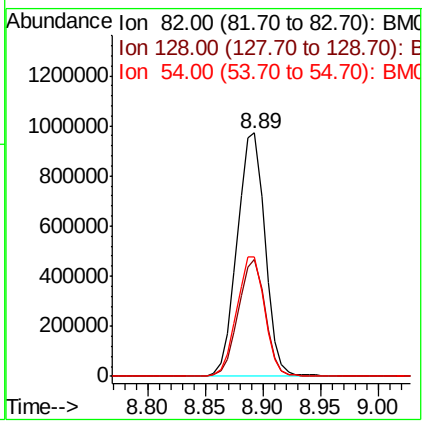


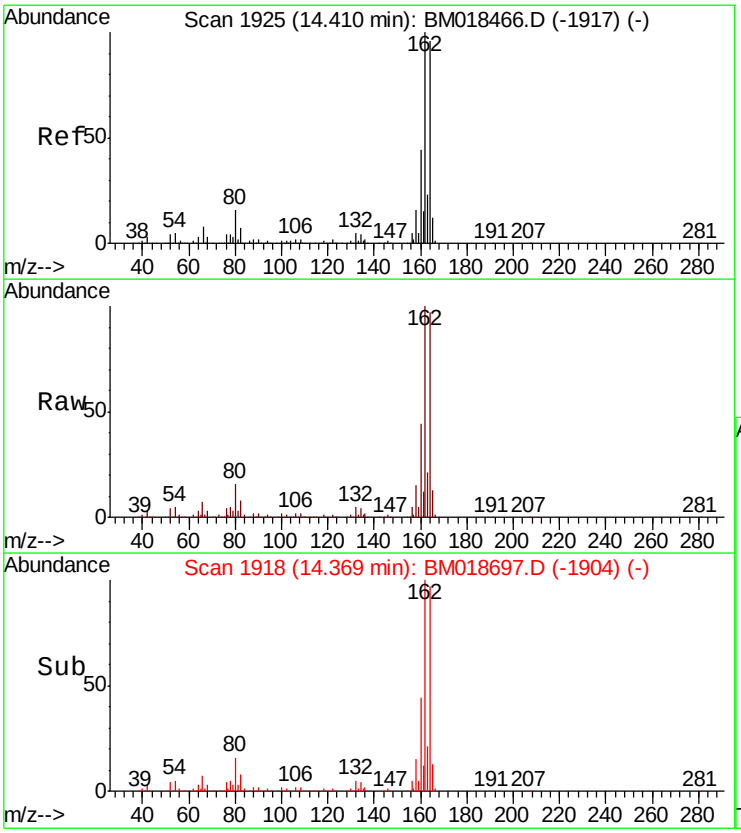
#23
Nitrobenzene-d5
Concen: 97.915 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Instrument :
BNA_M
ClientSampleId :
TP-8-AB

Tgt Ion: 82 Resp: 1635670

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.3	54.5
54	48.9	41.7	62.5

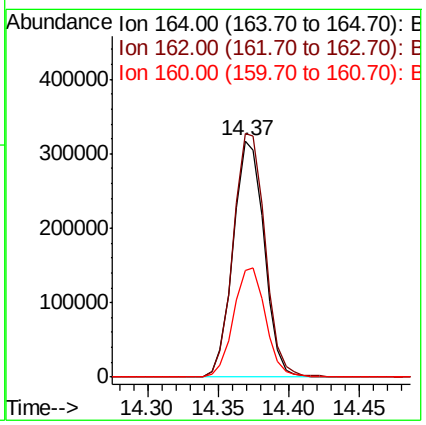


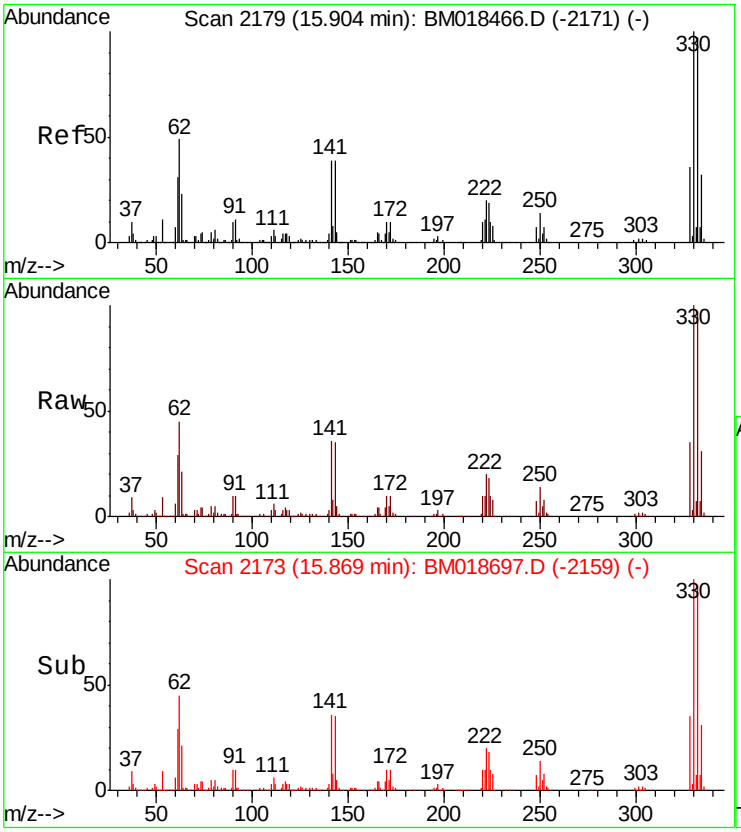


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Tgt Ion:164 Resp: 488390

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.4
160	45.4	37.1	55.7



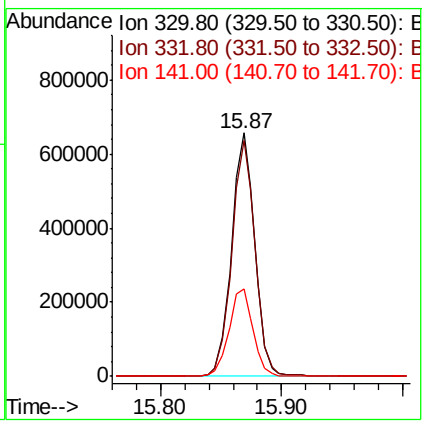


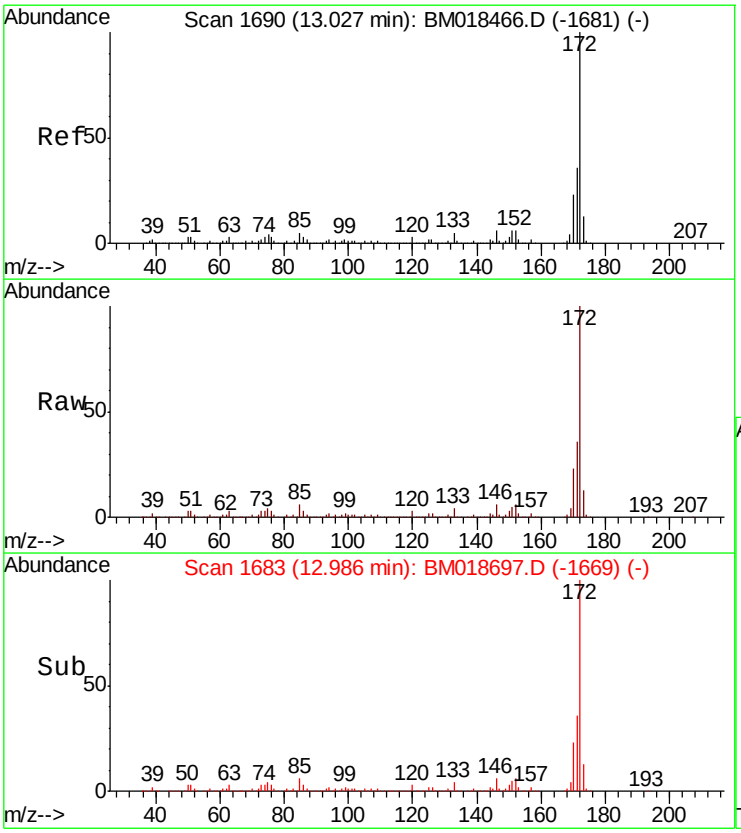
#42
2,4,6-Tribromophenol
Concen: 141.888 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Instrument :
BNA_M
ClientSampleId :
TP-8-AB

Tgt Ion:330 Resp: 882343

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	37.1	31.7	47.5

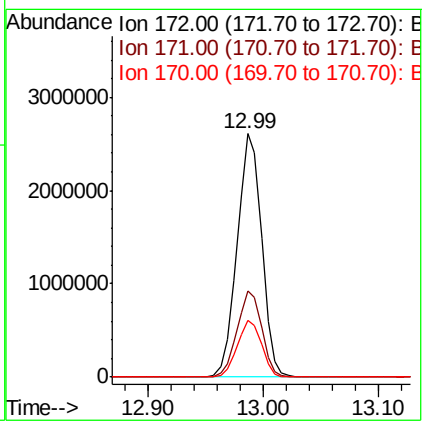


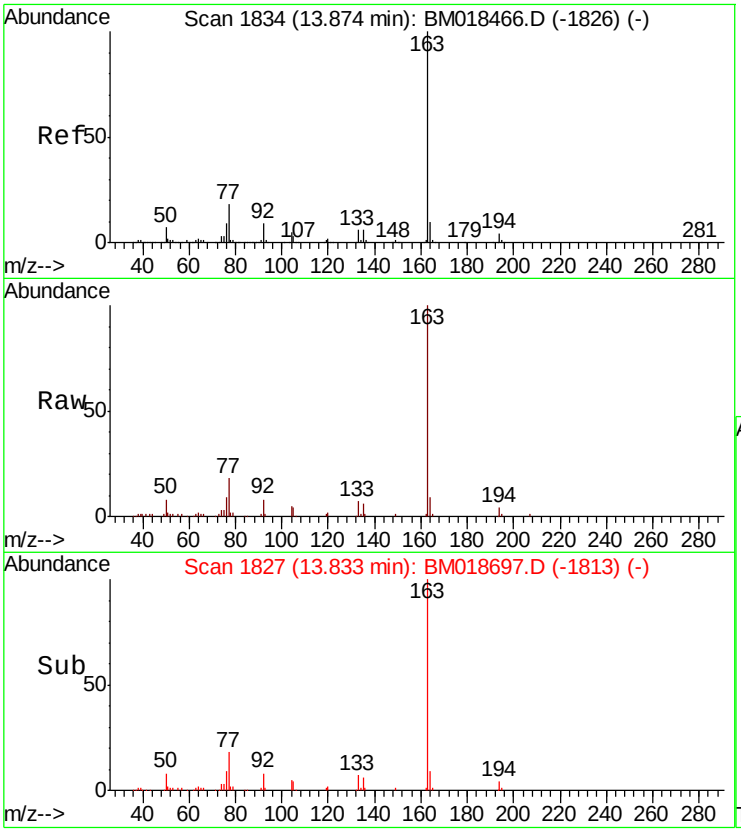


#45
2-Fluorobiphenyl
Concen: 102.799 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Tgt Ion:172 Resp: 3847598

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.4	18.9	28.3



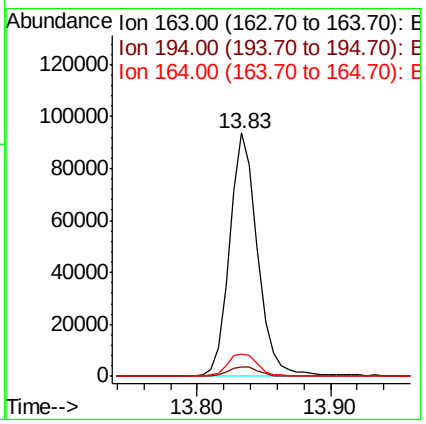


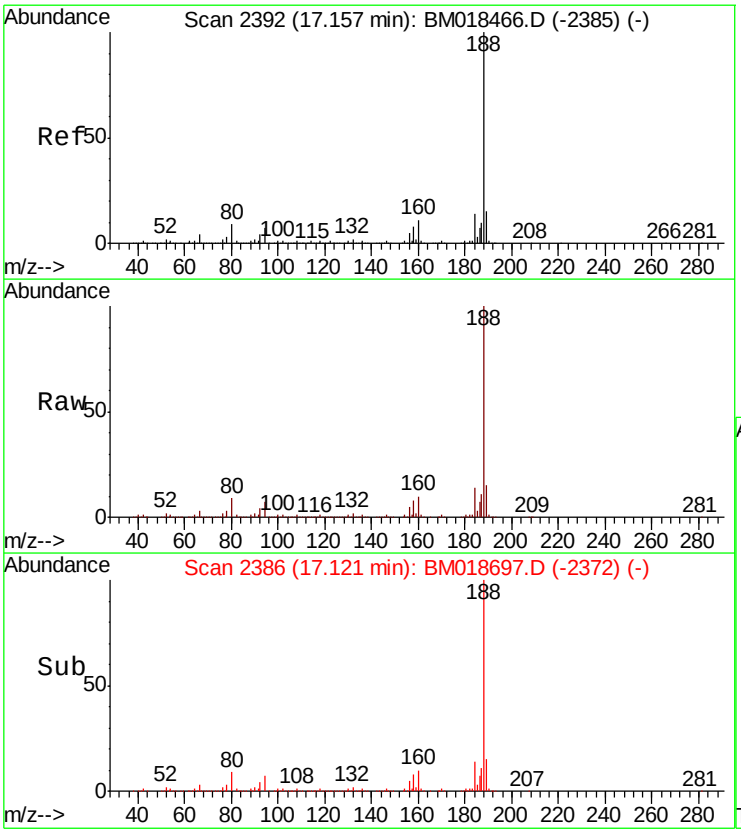
#50
Dimethylphthalate
Concen: 3.418 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Instrument :
BNA_M
ClientSampleId :
TP-8-AB

Tgt Ion:163 Resp: 137082

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.3	7.8	11.8

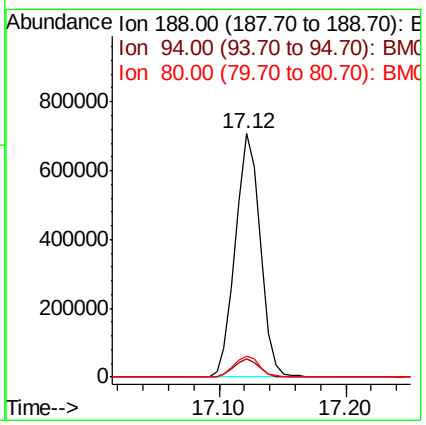


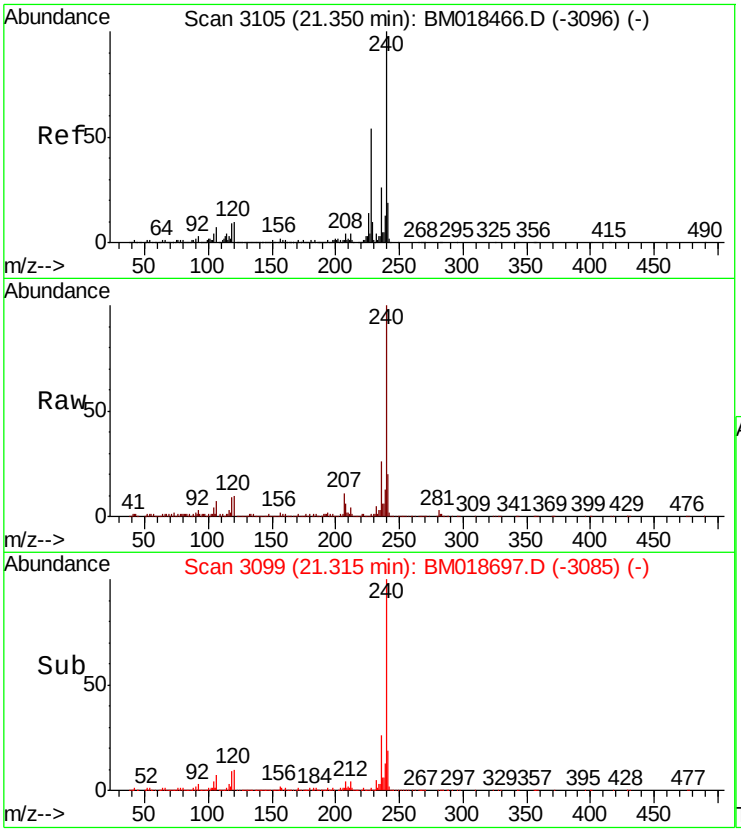


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Tgt Ion:188 Resp: 958836

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.6	7.6	11.4



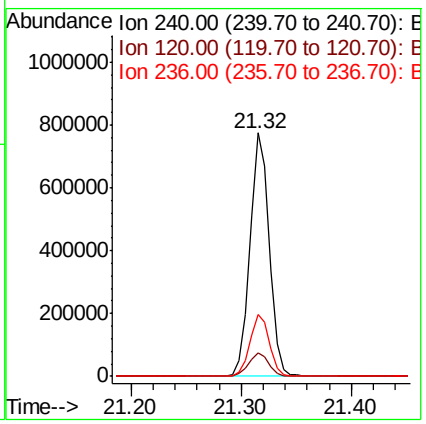


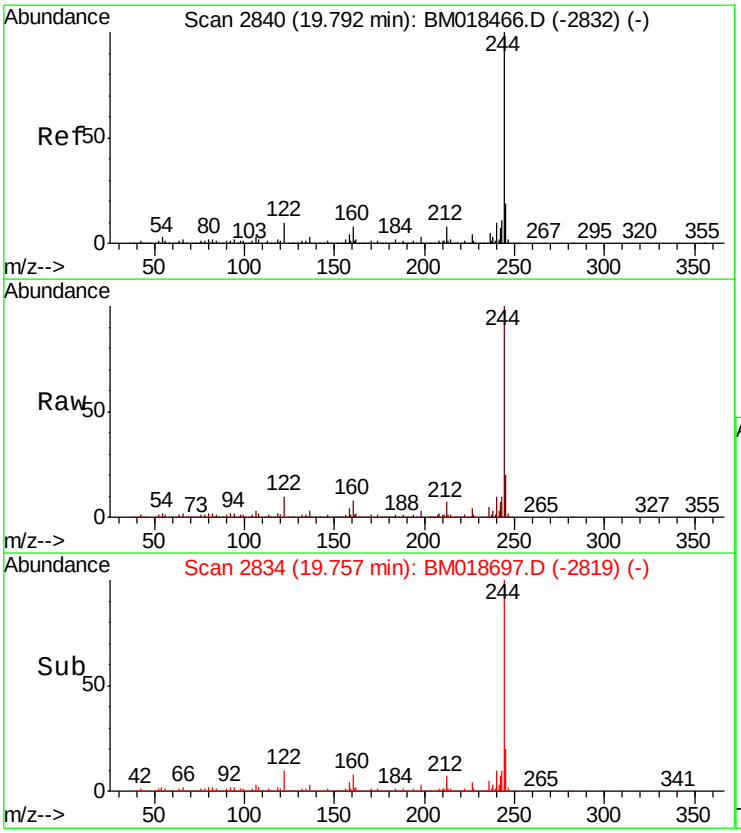
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Instrument :
BNA_M
ClientSampleId :
TP-8-AB

Tgt Ion:240 Resp: 949898

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	25.6	20.7	31.1

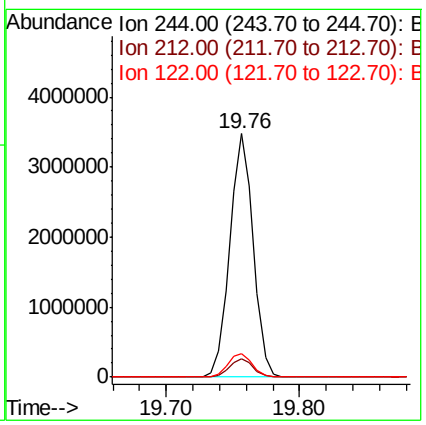


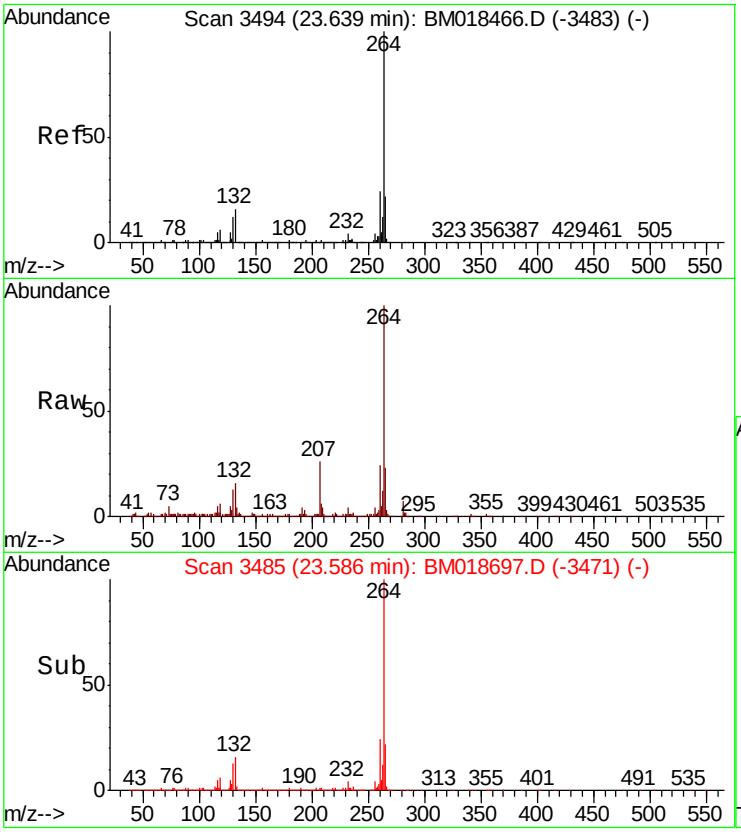


#79
Terphenyl-d14
Concen: 94.578 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Tgt Ion:244 Resp: 4261787

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018697.D
Acq: 30 Jan 2019 16:00

Instrument :
BNA_M
ClientSampleId :
TP-8-AB

Tgt Ion:264 Resp: 1082212

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.6	16.8	25.2