Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
Data File : BM019945.D
Acq On : 17 Apr 2019 19:15
Operator : JU/SJ
Sample : K2442-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-21-S

Quant Time: Apr 18 01:39:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	83596	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	314939	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	193950	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	469710	20.00	ng	0.00
76) Chrysene-d12	21.17	240	575968	20.00	ng	0.00
87) Perylene-d12	23.37	264	745517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	638657	123.81	ng	0.00
7) Phenol-d6	6.72	99	757746	97.61	ng	0.00
23) Nitrobenzene-d5	8.70	82	623135	88.48	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	461195	147.72	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1312987	84.37	ng	0.00
79) Terphenyl-d14	19.60	244	3055602	93.57	ng	0.00
Target Compounds						Qvalue

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

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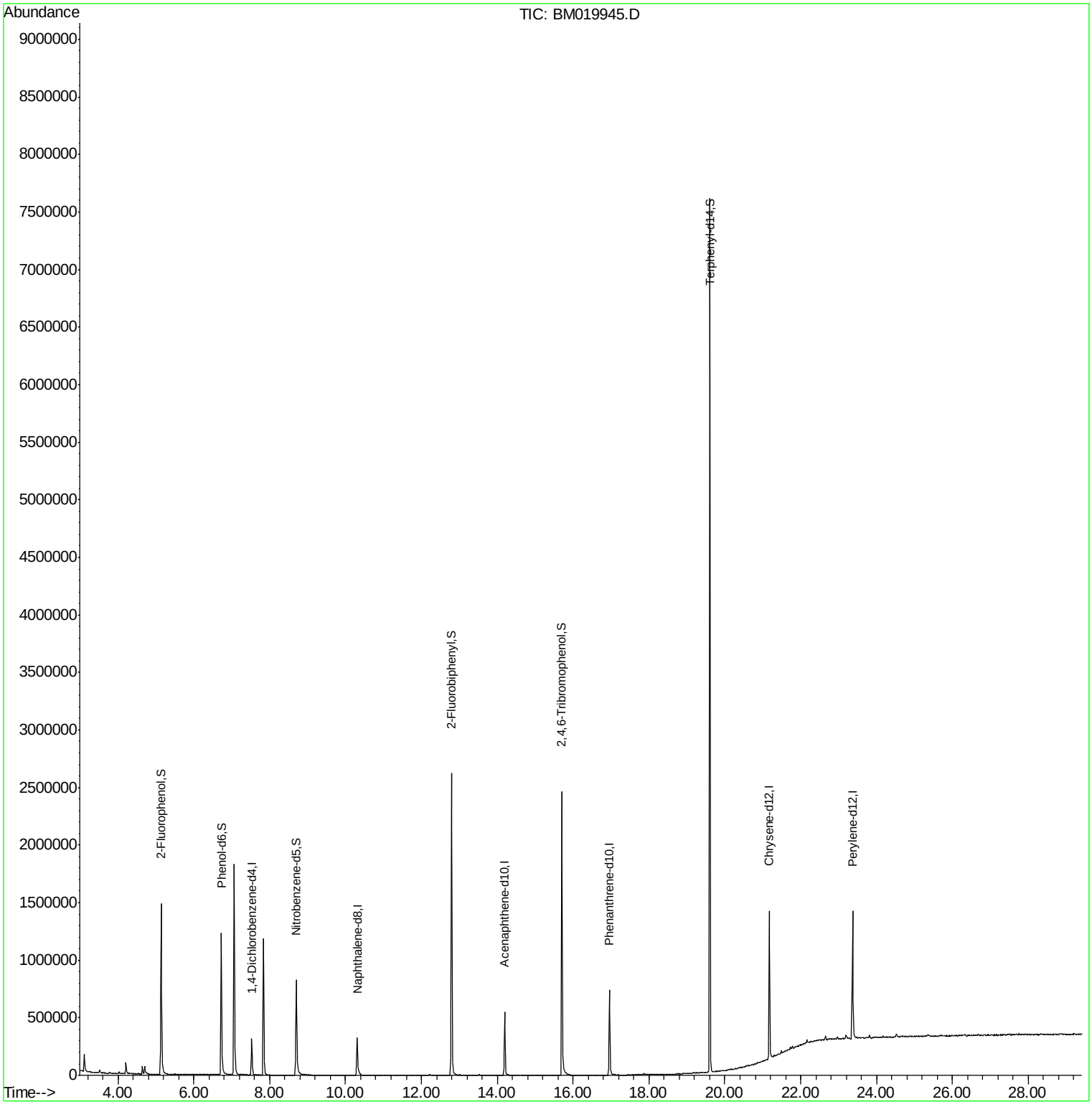
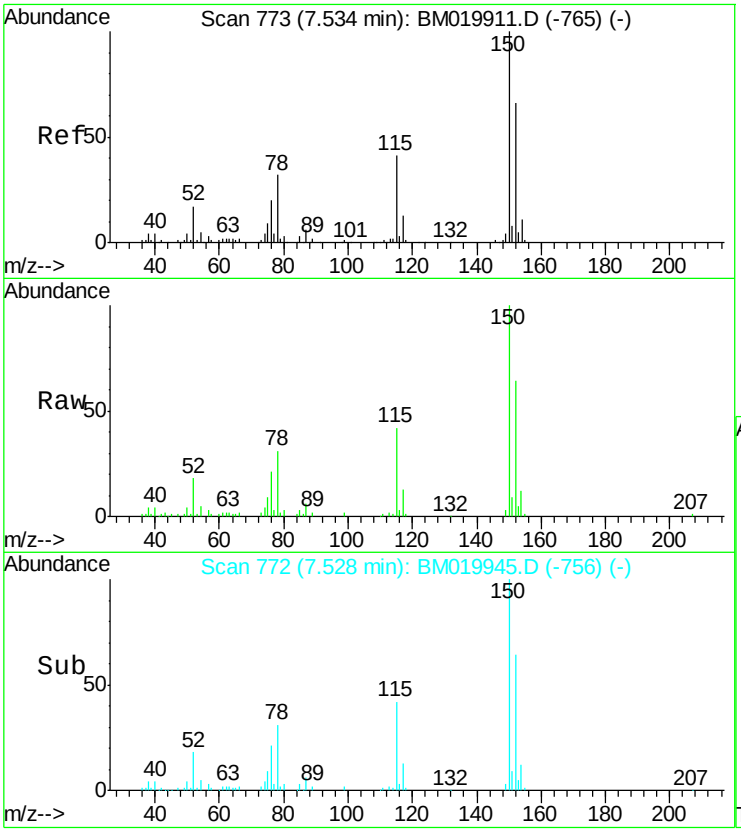


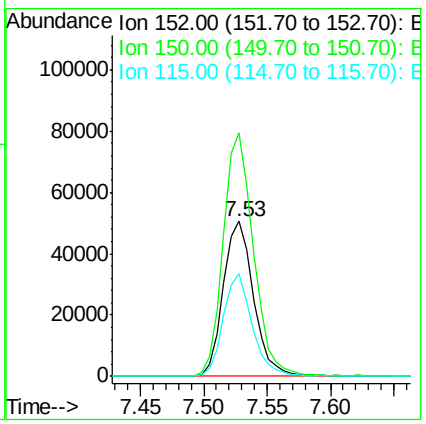


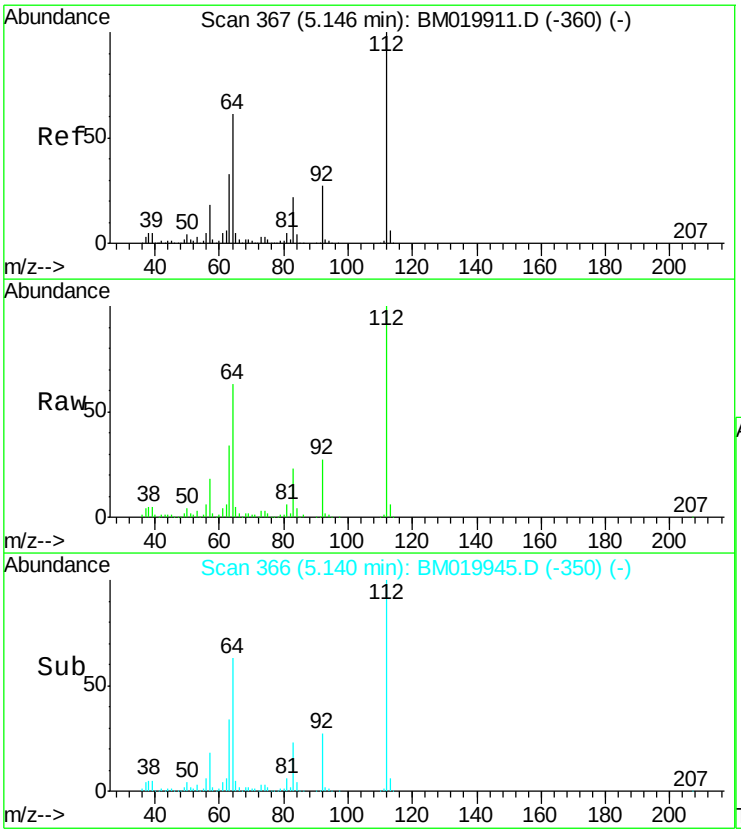
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :
TP-21-S

Tgt Ion:152 Resp: 83596

Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.1	183.1
115	66.1	50.0	75.0

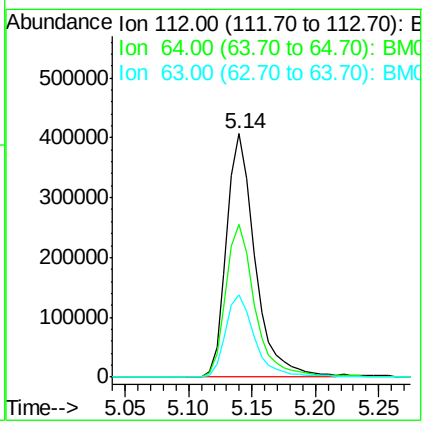


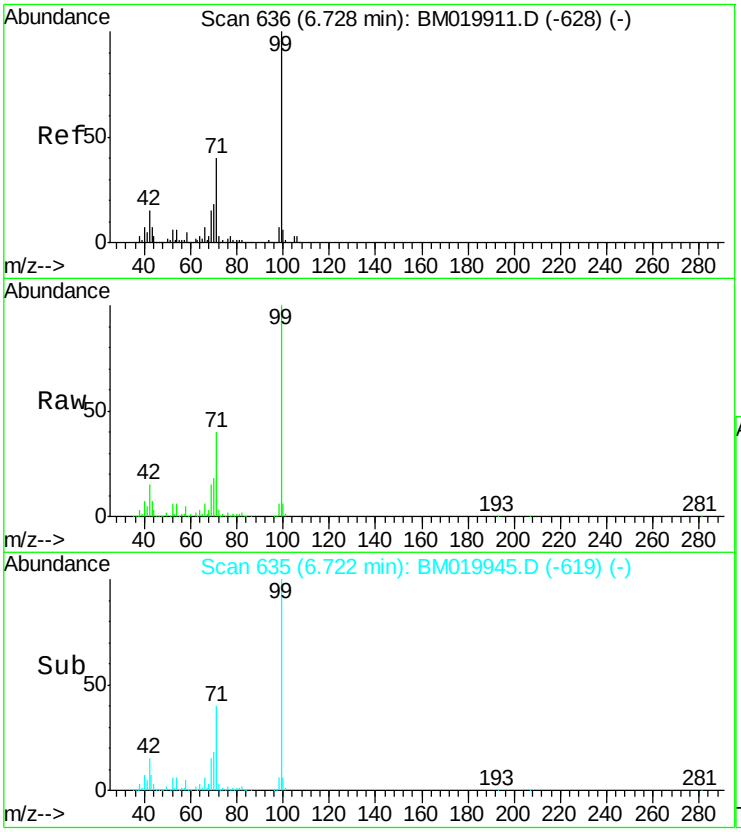


#5
2-Fluorophenol
Concen: 123.814 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion:112 Resp: 638657

Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.1	73.7
63	34.1	26.5	39.7



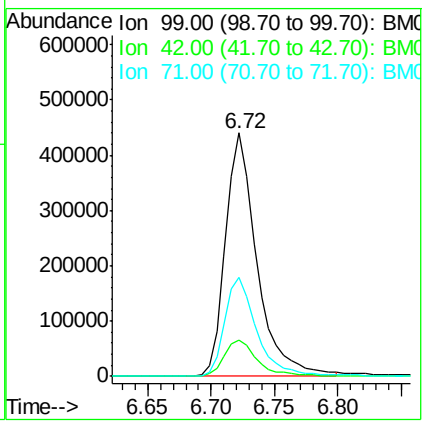


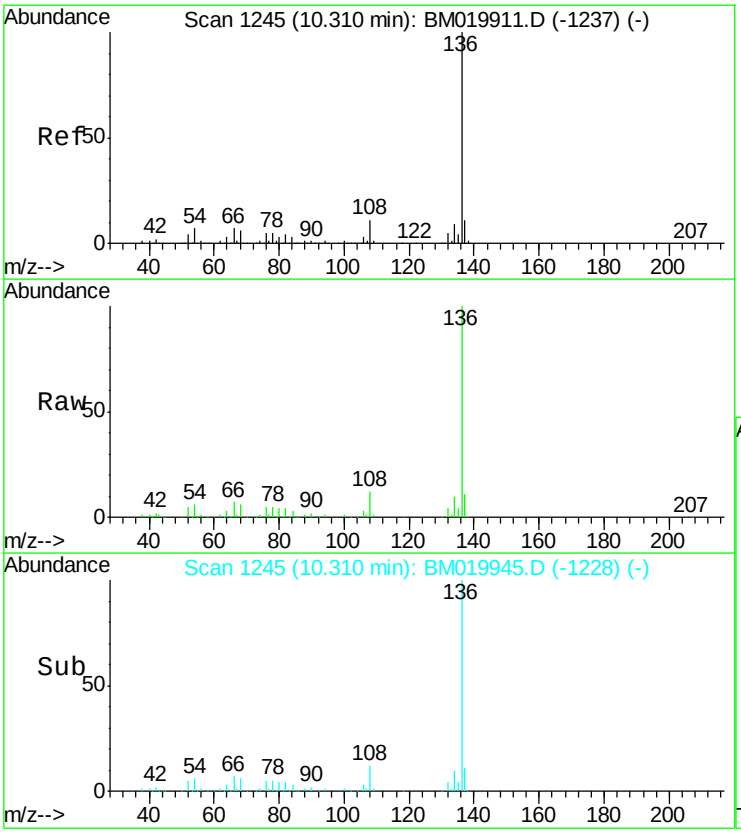
#7
Phenol-d6
Concen: 97.610 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :
TP-21-S

Tgt Ion: 99 Resp: 757746

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.8	17.8
71	40.5	32.0	48.0

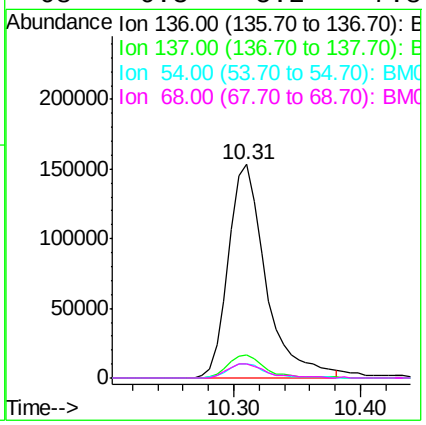


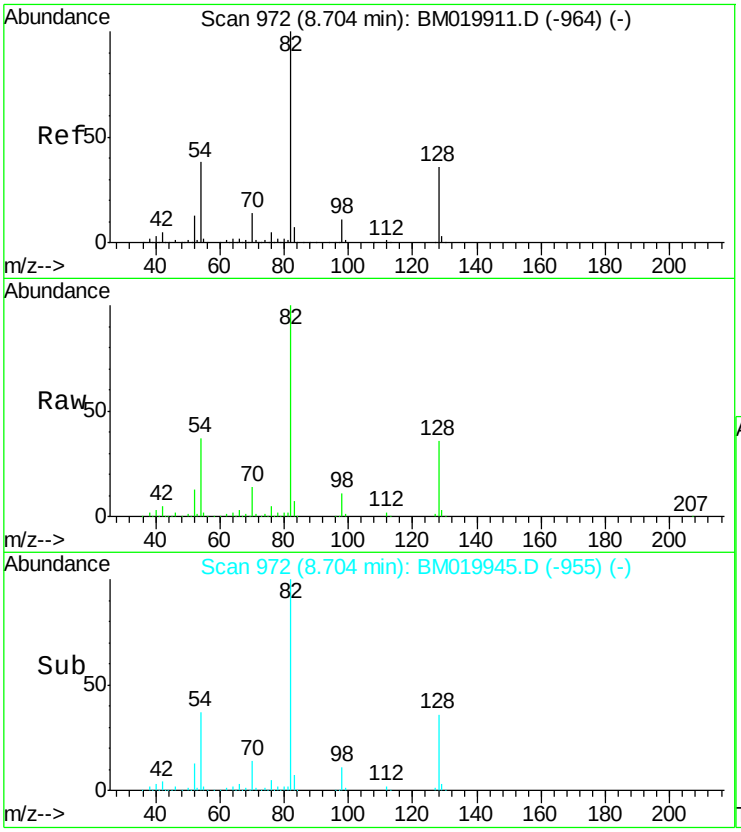


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion:136 Resp: 314939

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.5	5.3	7.9
68	6.3	5.2	7.8



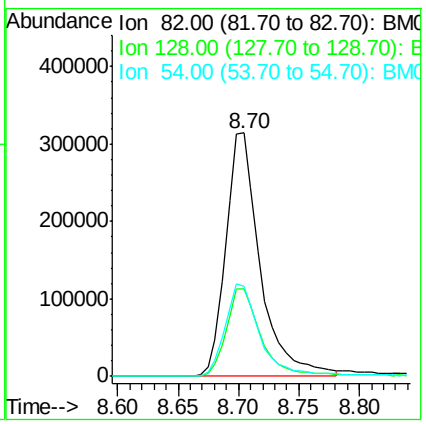


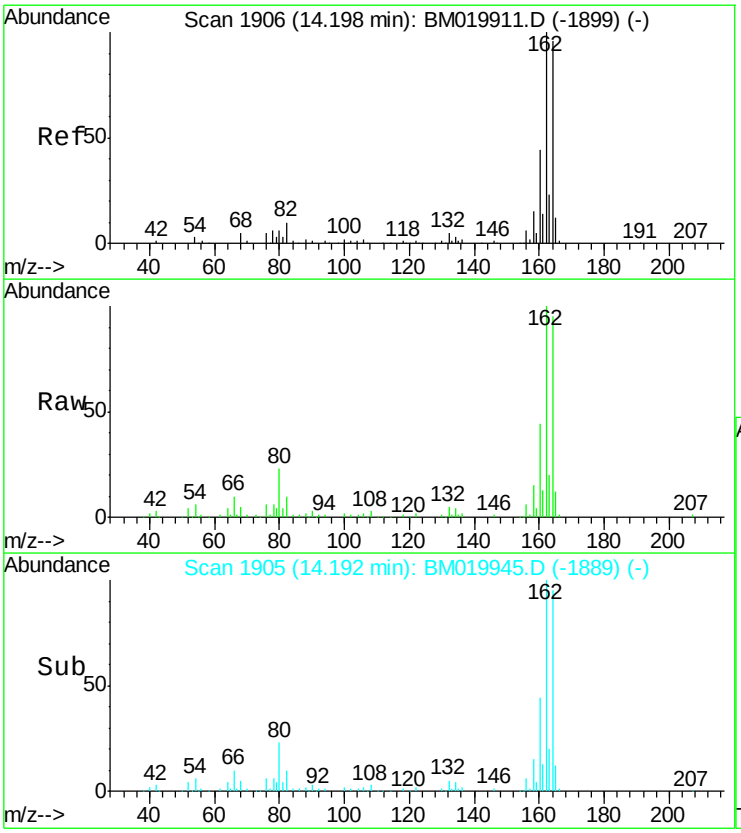
#23
Nitrobenzene-d5
Concen: 88.485 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :
TP-21-S

Tgt Ion: 82 Resp: 623135

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.0	43.4
54	36.9	30.2	45.4

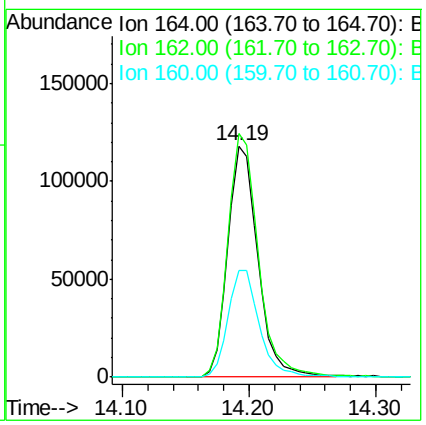


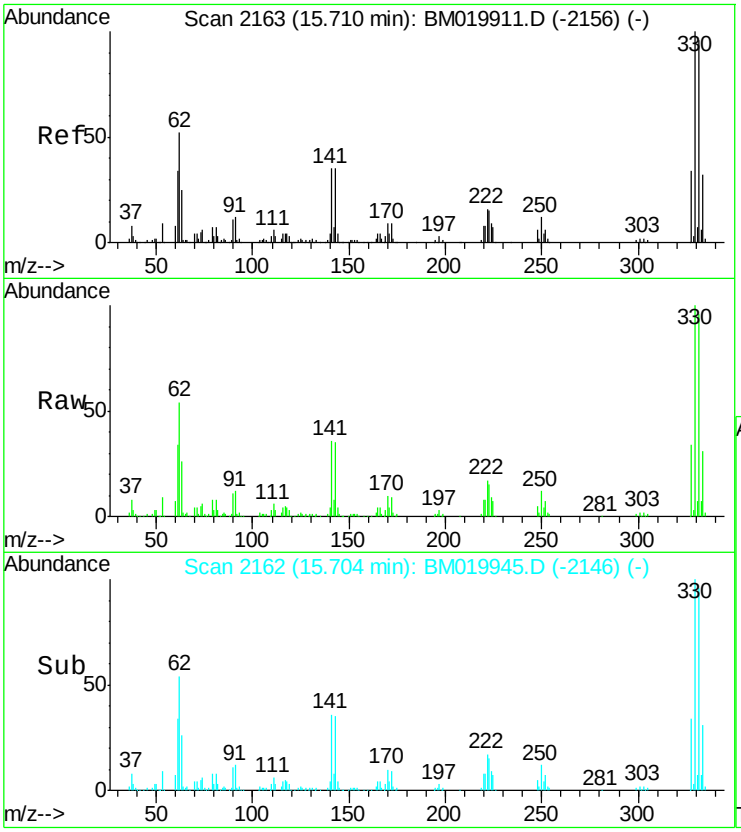


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion:164 Resp: 193950

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.4
160	46.2	36.6	55.0



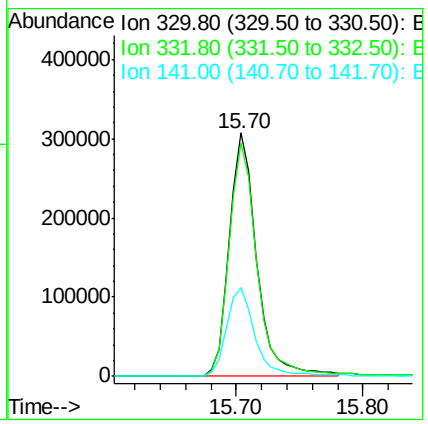


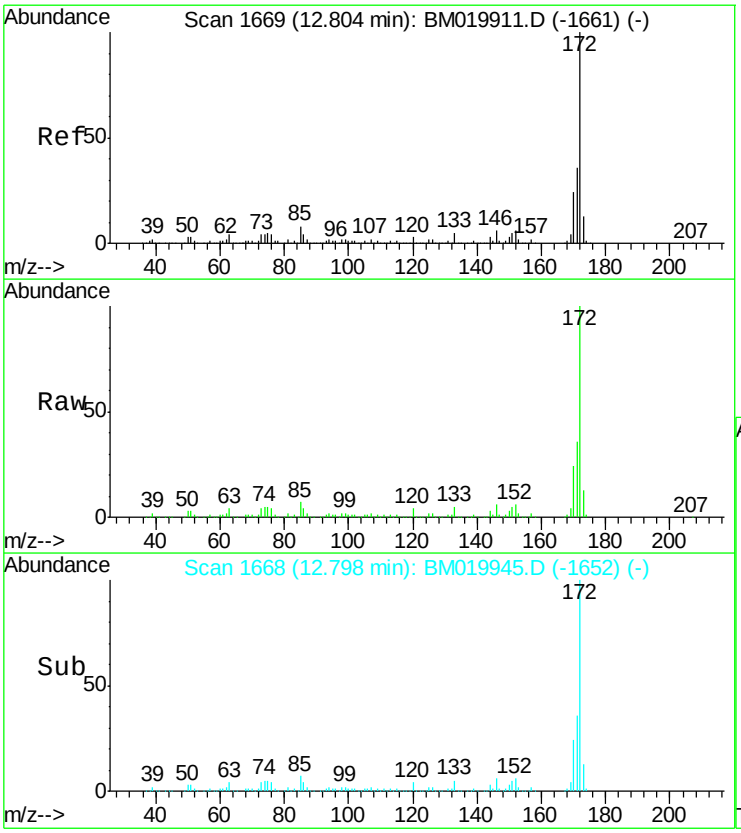
#42
2,4,6-Tribromophenol
Concen: 147.721 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :
TP-21-S

Tgt Ion:330 Resp: 461195

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	37.5	29.0	43.4

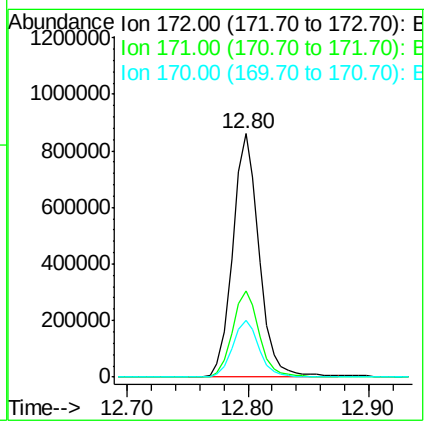


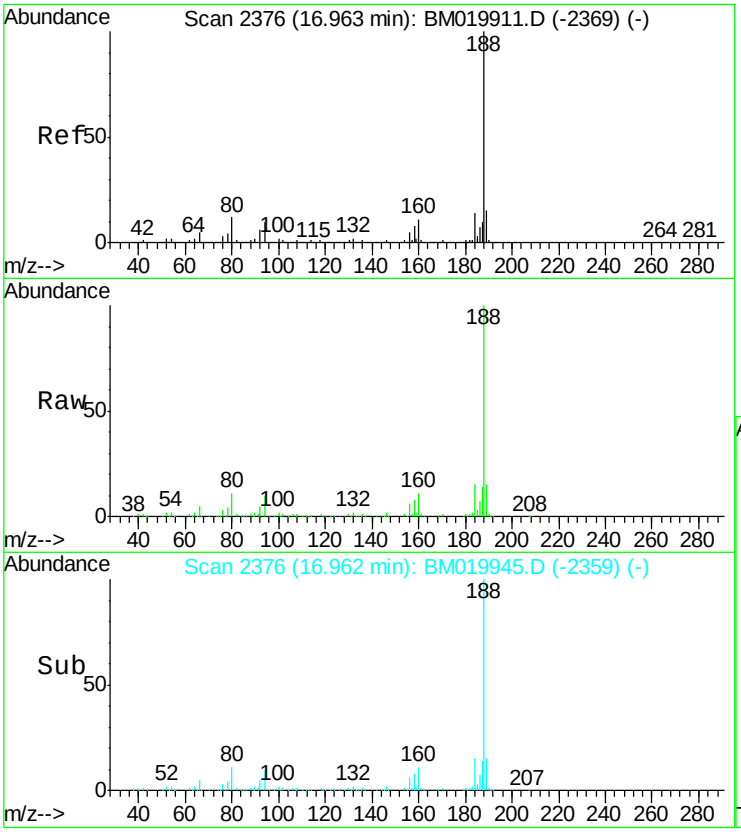


#45
2-Fluorobiphenyl
Concen: 84.366 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion:172 Resp: 1312987

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	23.6	19.0	28.4



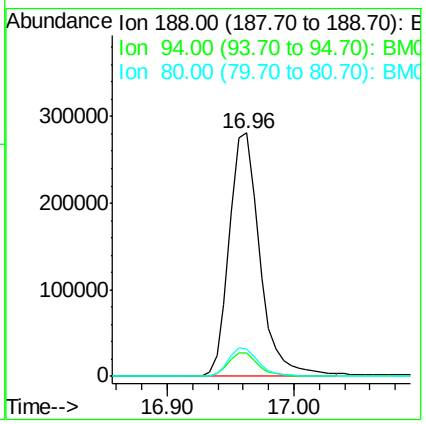


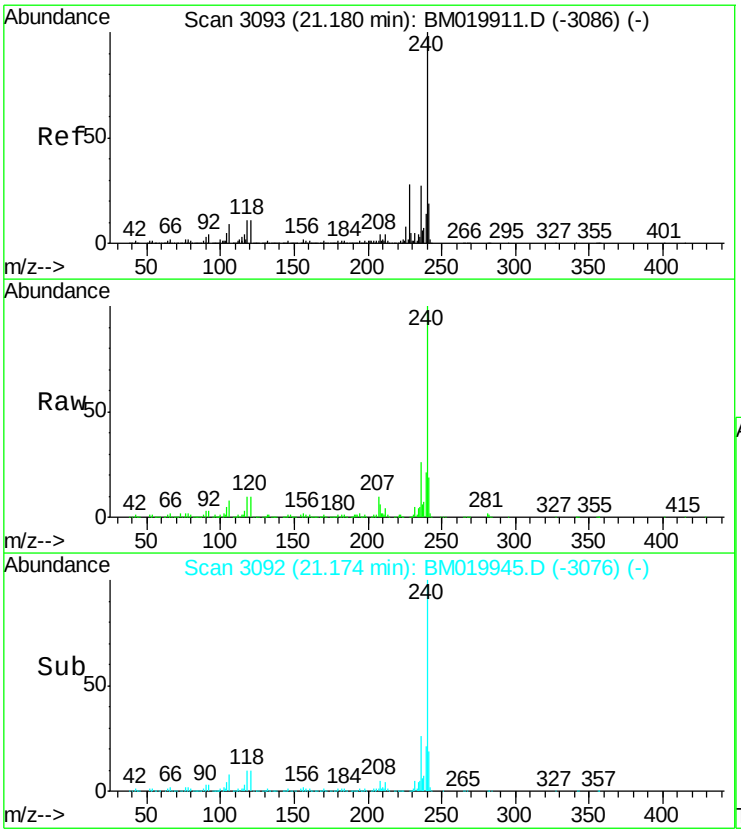
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :
TP-21-S

Tgt Ion:188 Resp: 469710

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	11.1	9.4	14.0

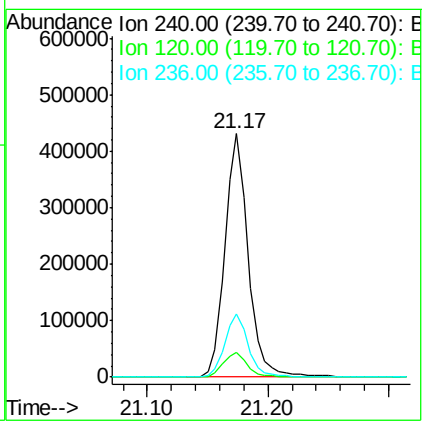


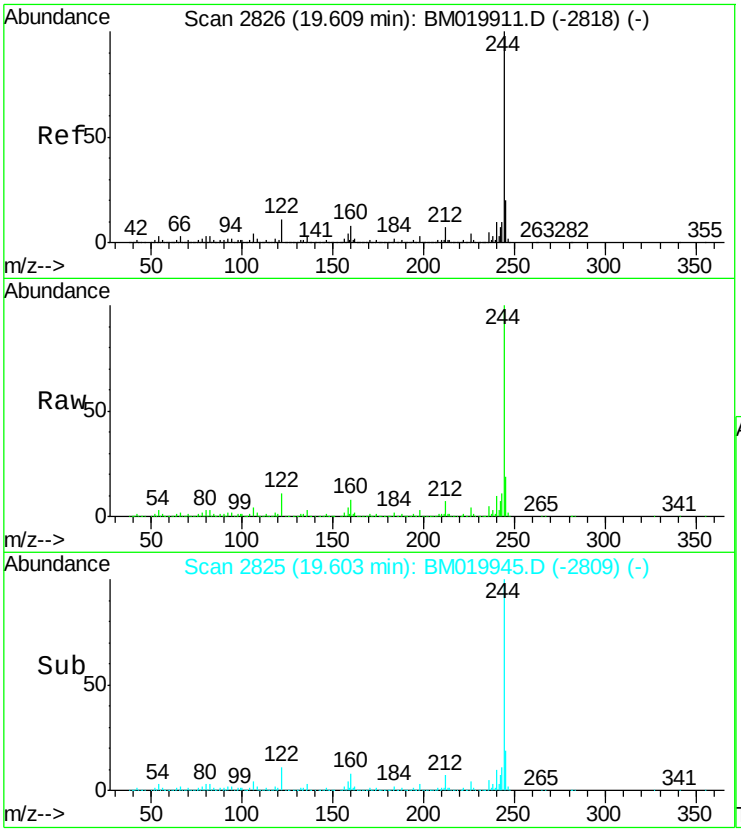


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion:240 Resp: 575968

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	13.0
236	25.7	21.4	32.2



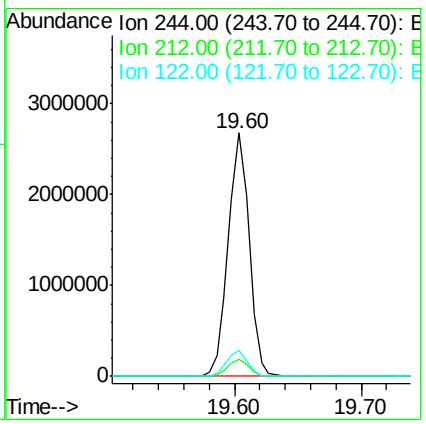


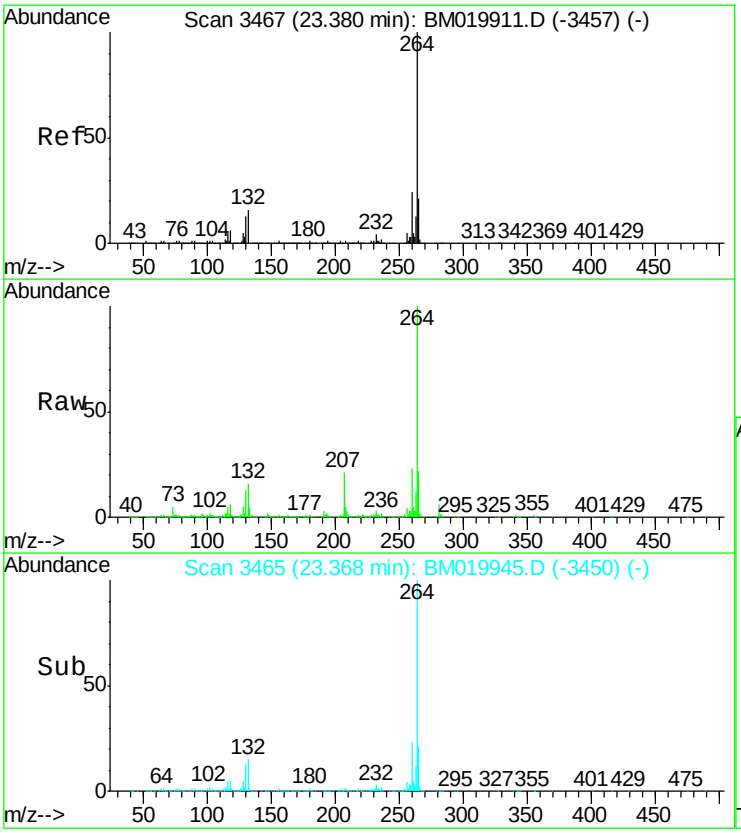
#79
Terphenyl-d14
Concen: 93.574 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Instrument :
BNA_M
ClientSampleId :
TP-21-S

Tgt Ion:244 Resp: 3055602

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.7	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM019945.D
Acq: 17 Apr 2019 19:15

Tgt Ion:264 Resp: 745517

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.2	25.8