Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019250.D
Acq On : 20 Mar 2019 02:51
Operator : JU/SJ
Sample : K1691-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-031519-E

Quant Time: Mar 20 05:13:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	171615	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	687697	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	448655	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	1072319	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1055947	20.00	ng	-0.02
87) Perylene-d12	23.48	264	934396	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1449764	136.81	ng	-0.02
7) Phenol-d6	6.82	99	1846455	119.12	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1419752	97.59	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1127509	170.21	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	3168983	91.88	ng	-0.03
79) Terphenyl-d14	19.69	244	6210396	116.76	ng	-0.02
Target Compounds						Qvalue

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

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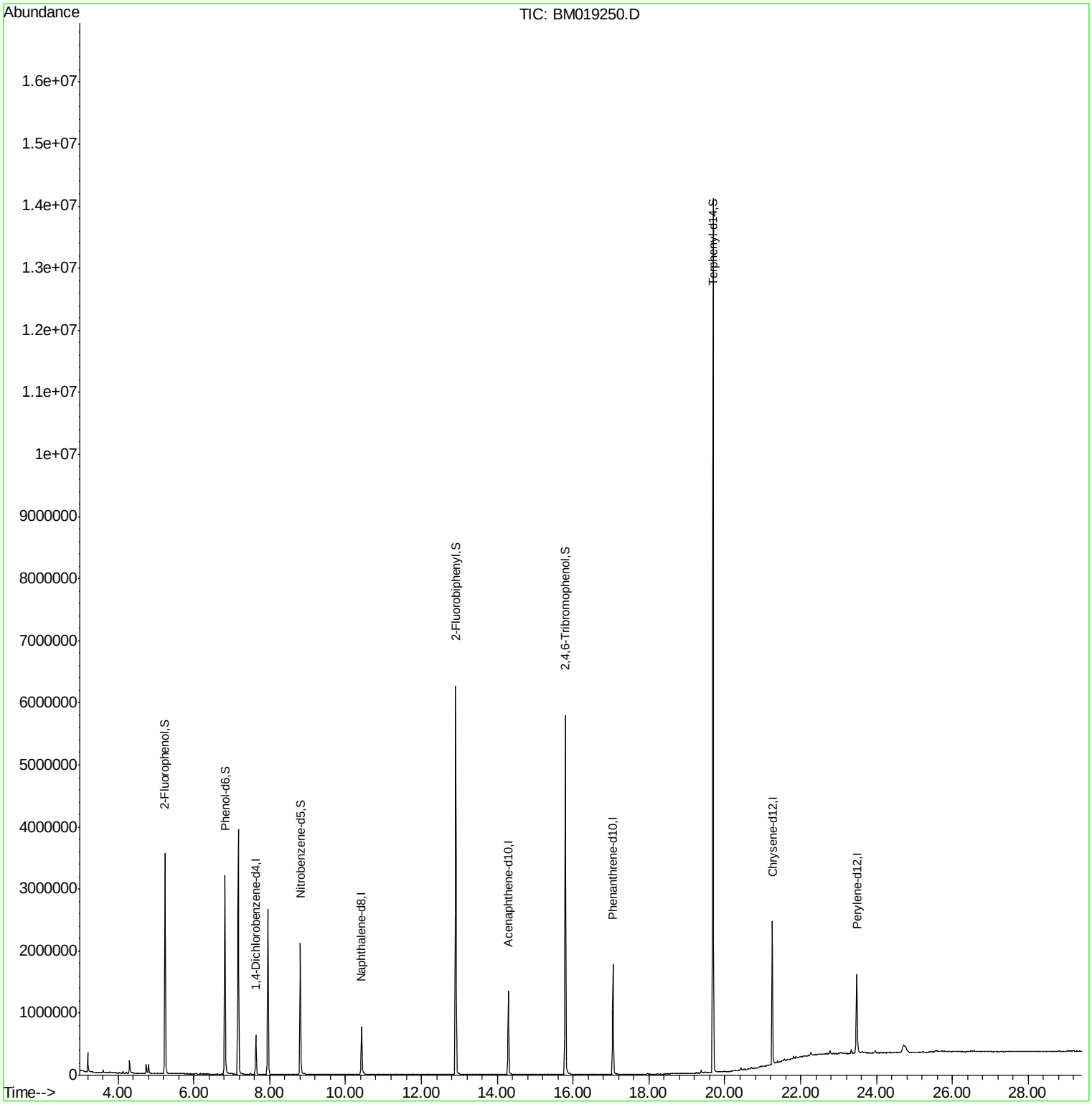
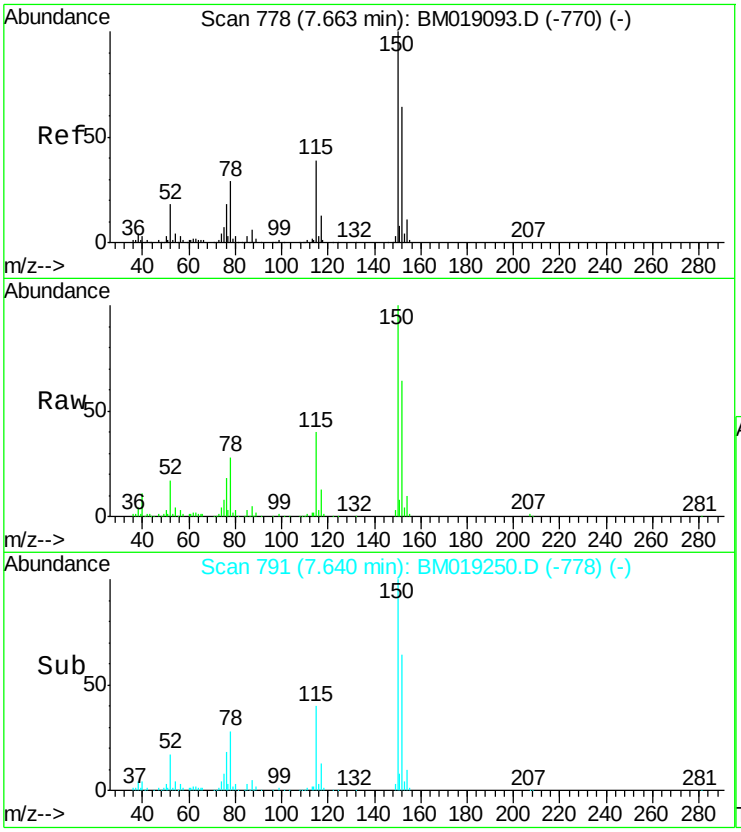


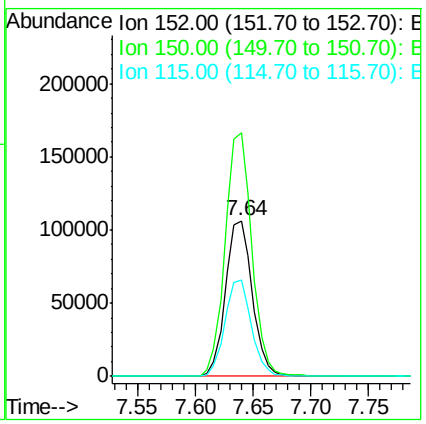


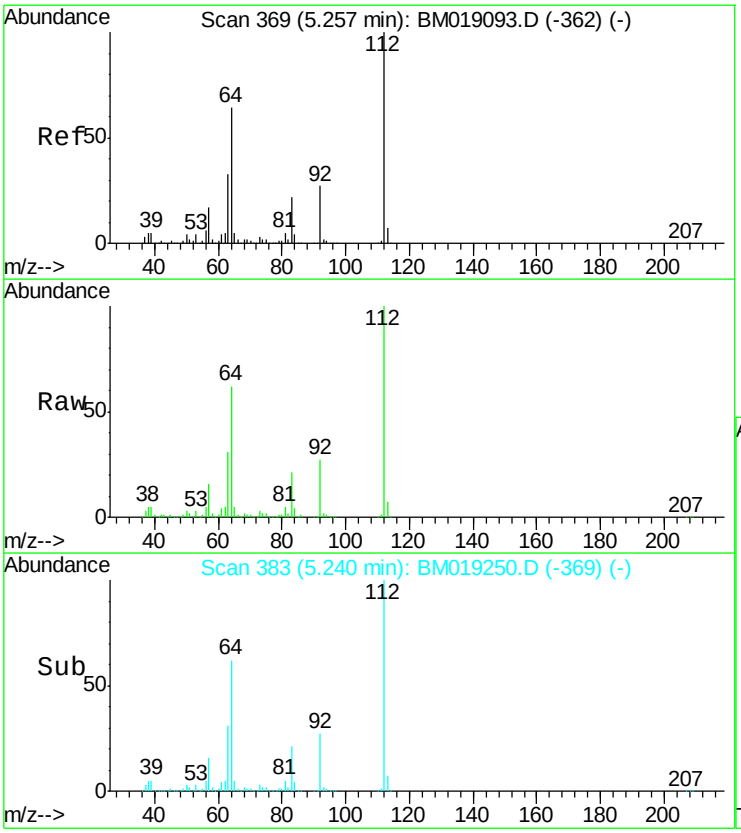
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-E

Tgt Ion:152 Resp: 171615

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.3	187.9
115	62.1	49.4	74.0

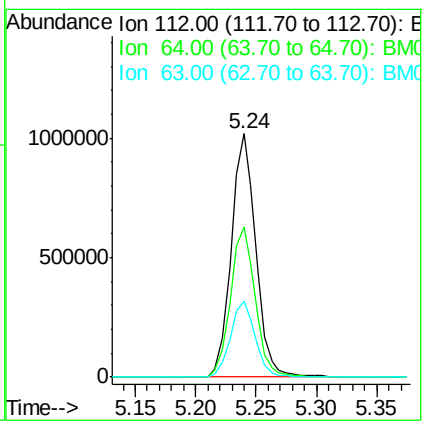


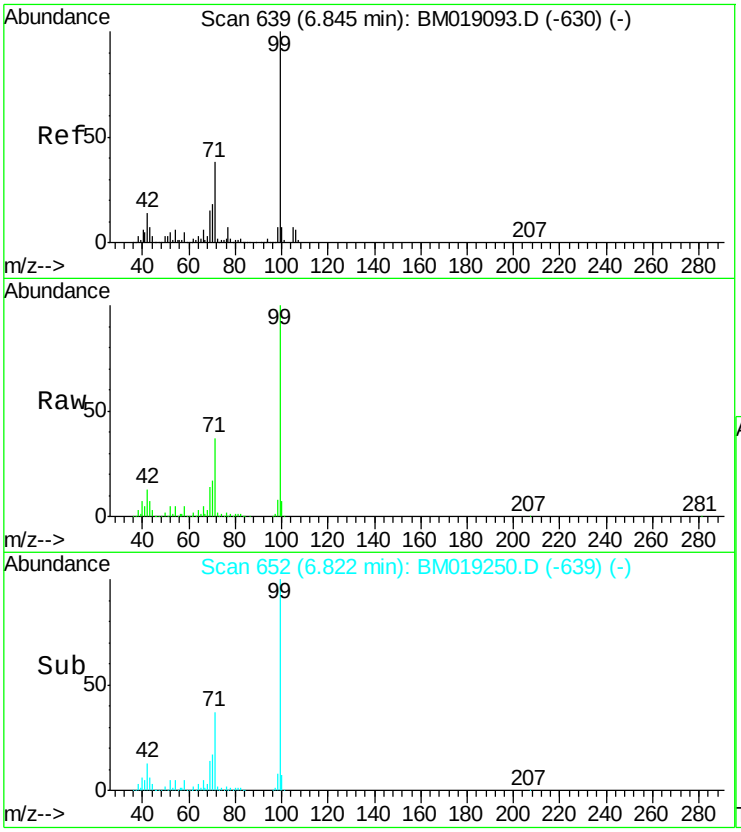


#5
2-Fluorophenol
Concen: 136.810 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Tgt Ion:112 Resp: 1449764

Ion	Ratio	Lower	Upper
112	100		
64	61.8	51.4	77.0
63	31.1	26.6	40.0



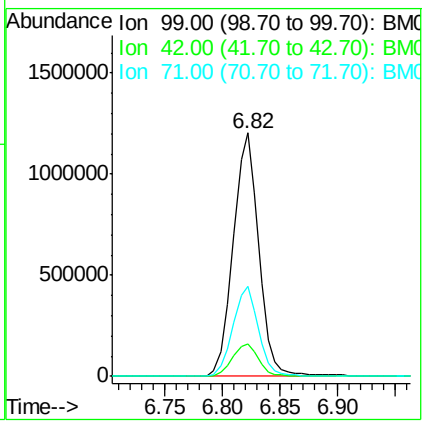


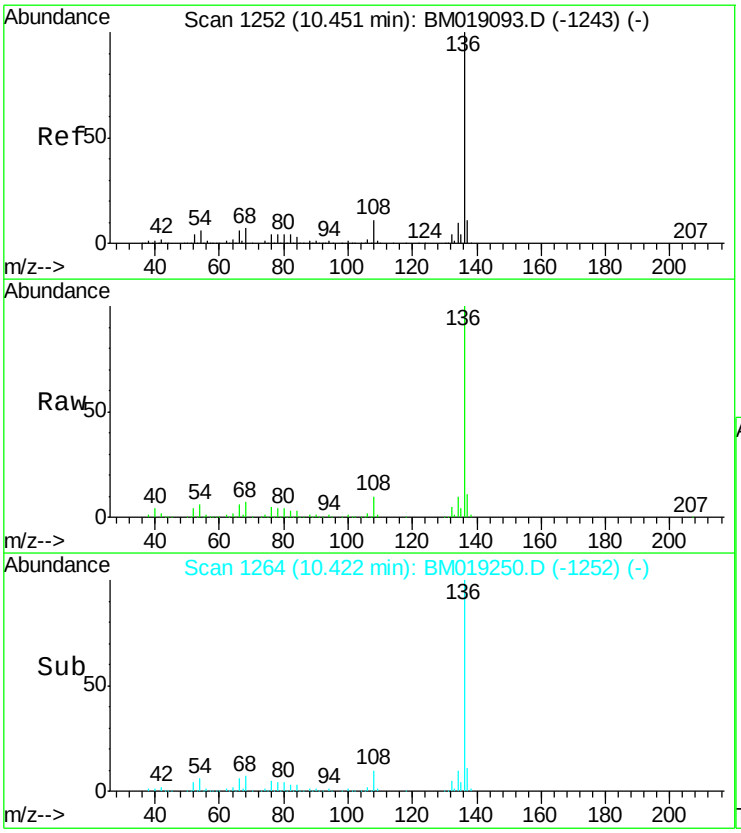
#7
Phenol-d6
Concen: 119.124 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-E

Tgt Ion: 99 Resp: 1846455

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.9	16.3
71	36.8	30.3	45.5

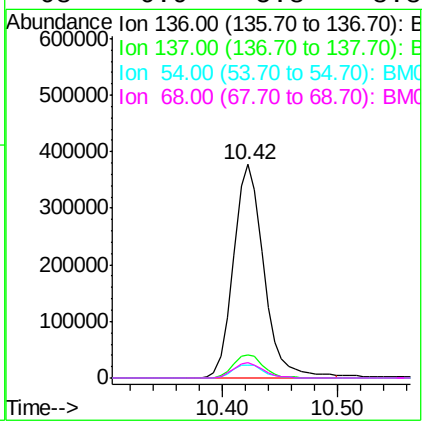


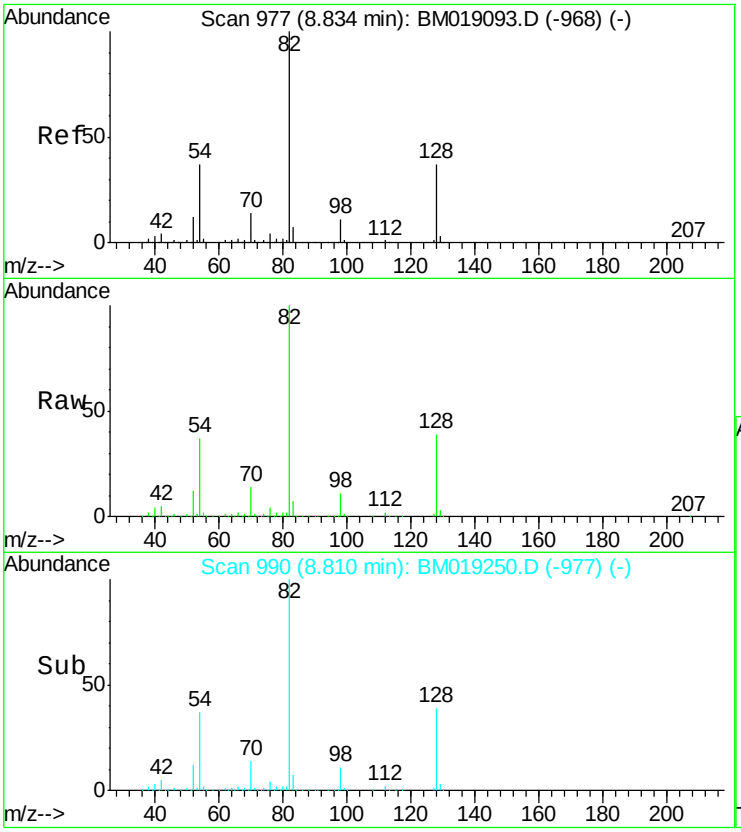


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Tgt Ion:136 Resp: 687697

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.2	5.2	7.8
68	6.9	5.8	8.8



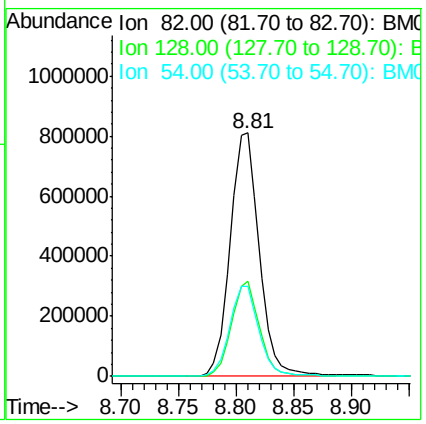


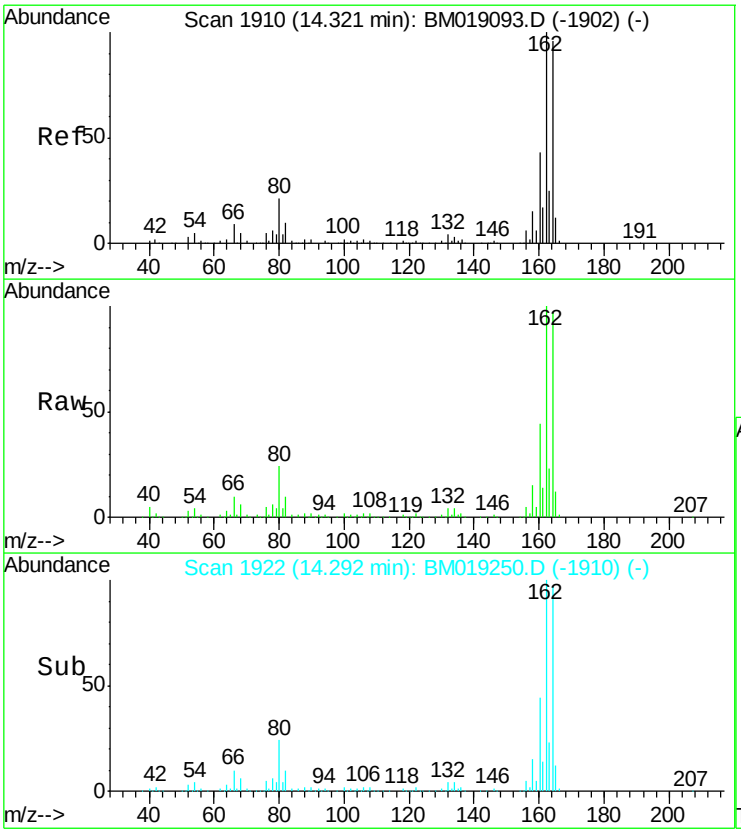
#23
Nitrobenzene-d5
Concen: 97.589 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-E

Tgt Ion: 82 Resp: 1419752

Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.4	44.2
54	36.9	29.9	44.9

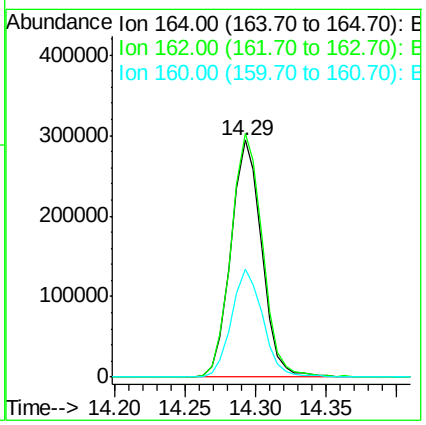


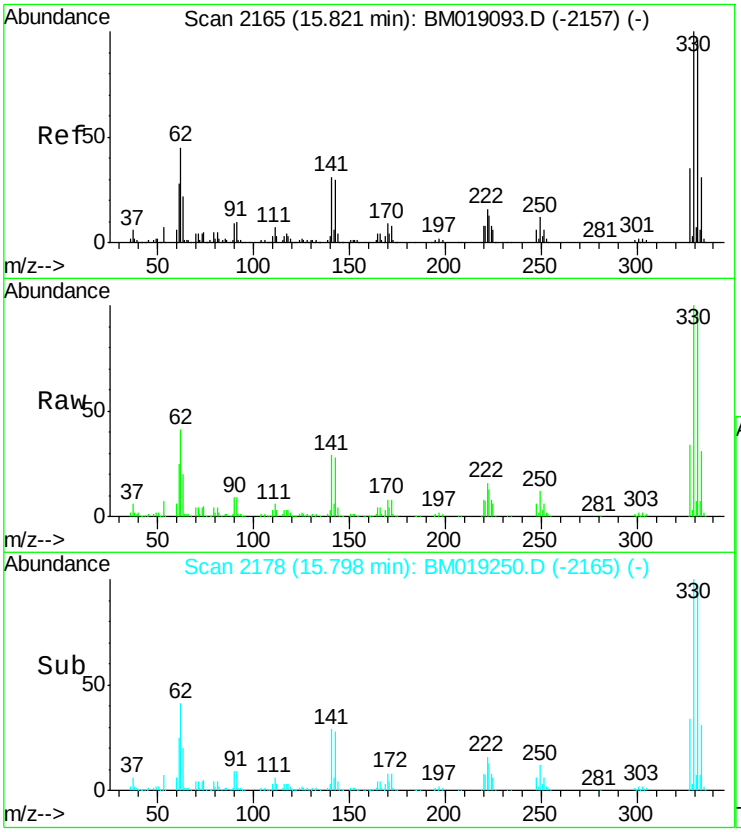


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Tgt Ion:164 Resp: 448655

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.5	125.3
160	45.3	36.3	54.5



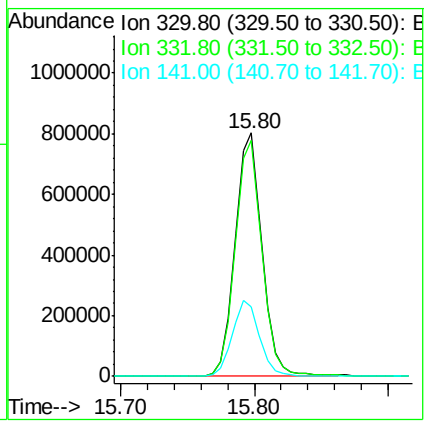


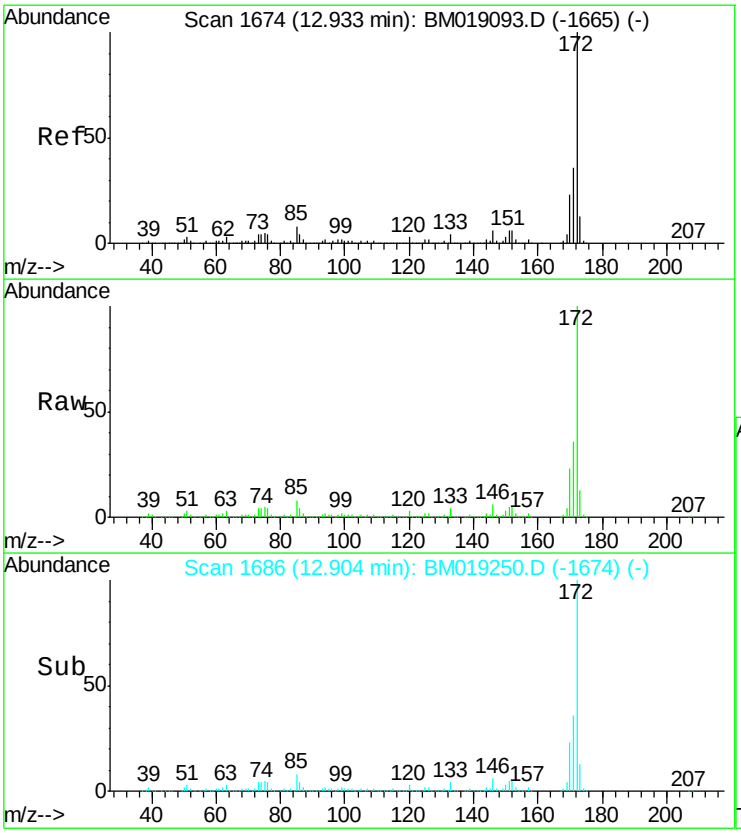
#42
2,4,6-Tribromophenol
Concen: 170.210 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-E

Tgt Ion:330 Resp: 1127509

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	31.8	27.0	40.4

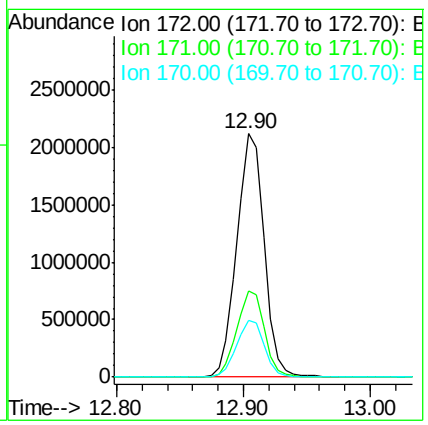


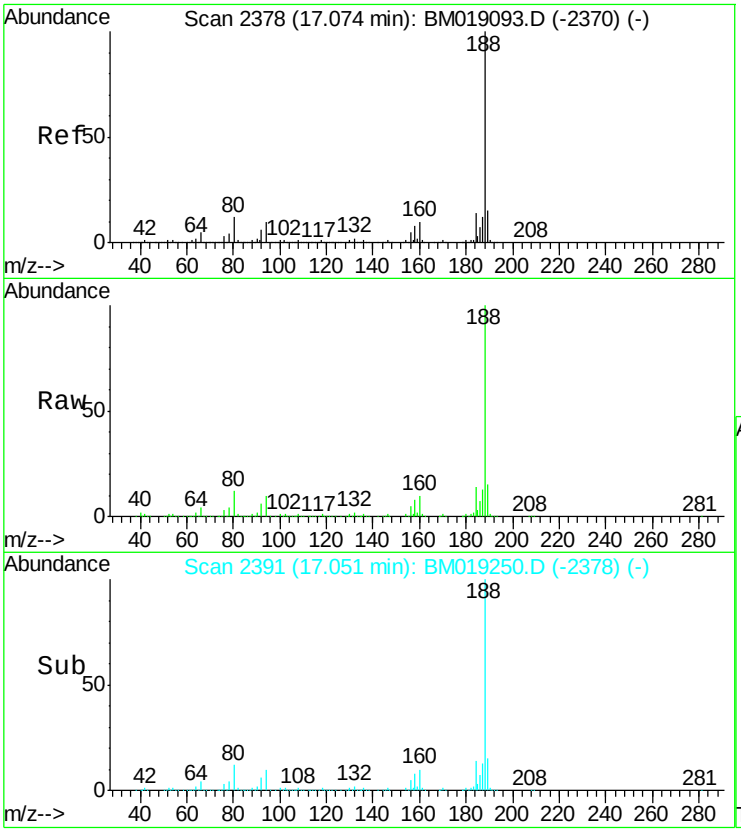


#45
2-Fluorobiphenyl
Concen: 91.877 ng
RT: 12.90 min Scan# 1686
Delta R.T. -0.03 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Tgt Ion:172 Resp: 3168983

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.4	18.6	28.0



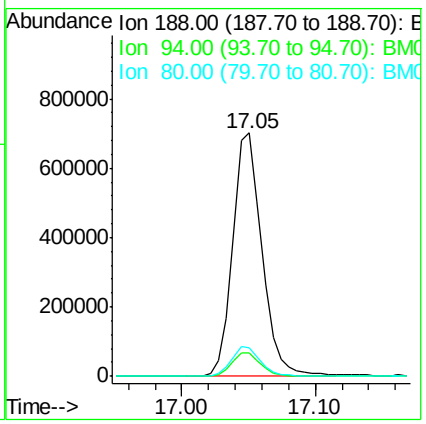


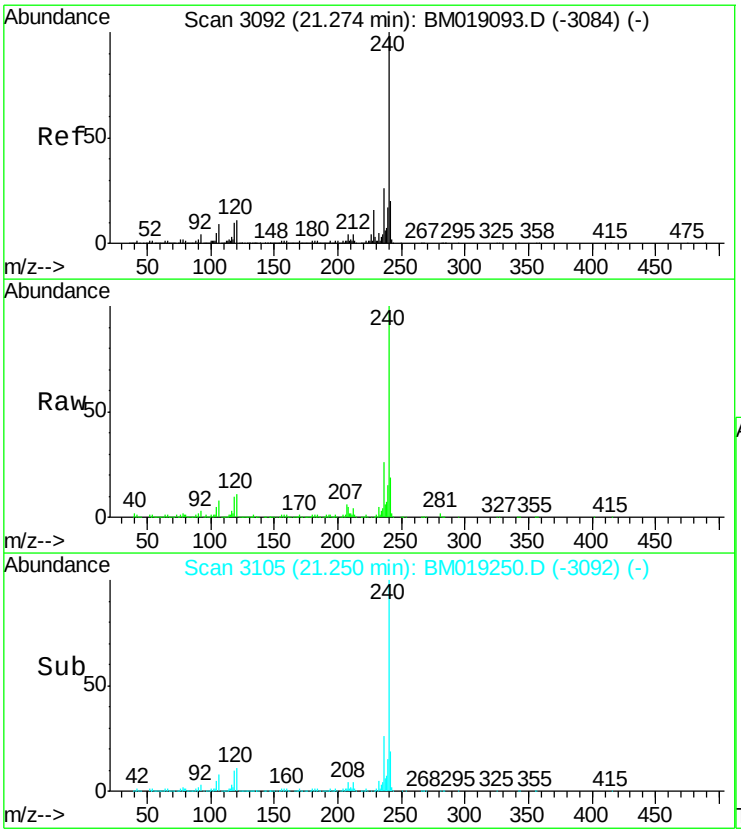
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-E

Tgt Ion:188 Resp: 1072319

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	11.7	9.7	14.5

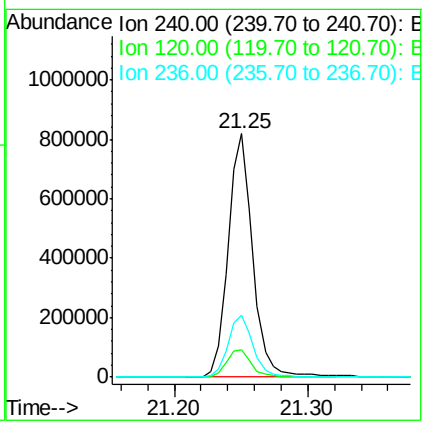


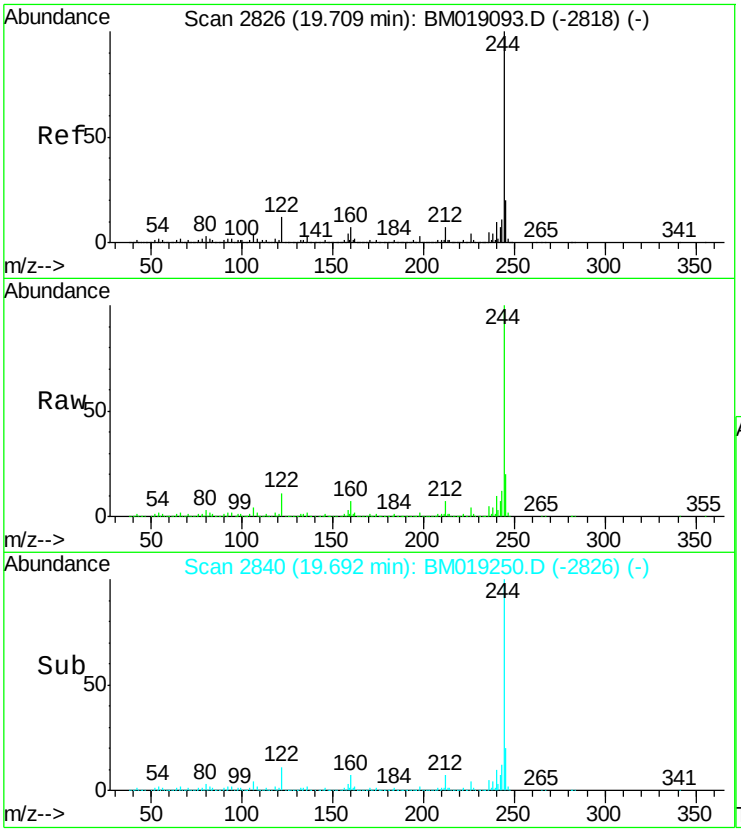


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Tgt Ion:240 Resp: 1055947

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.6	21.0	31.4



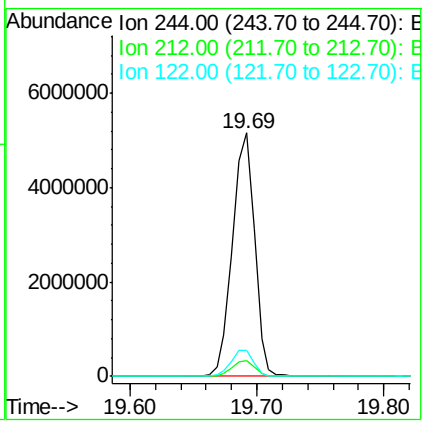


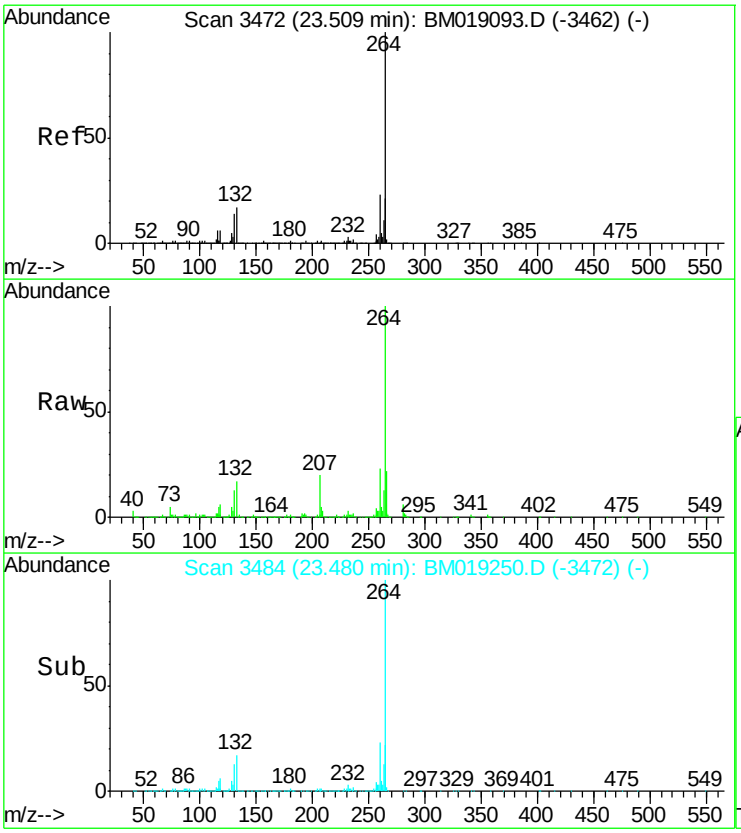
#79
Terphenyl-d14
Concen: 116.758 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-E

Tgt Ion:244 Resp: 6210396

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.8	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.03 min
Lab File: BM019250.D
Acq: 20 Mar 2019 02:51

Tgt Ion:264 Resp: 934396

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.3	17.3	25.9