Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019217.D
Acq On : 18 Mar 2019 16:03
Operator : JU/SJ
Sample : PB118000BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB118000BL

Quant Time: Mar 19 07:21:43 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	7.65	152	186221	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	780659	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	490563	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1043826	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	763365	20.00	ng	-0.01
87) Perylene-d12	23.50	264	735334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1570426	136.57	ng	0.00
7) Phenol-d6	6.83	99	2283578	135.77	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1382771	83.73	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	885575	122.27	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3169177	84.03	ng	-0.02
79) Terphenyl-d14	19.70	244	4330983	112.63	ng	-0.01
Target Compounds						Qvalue

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

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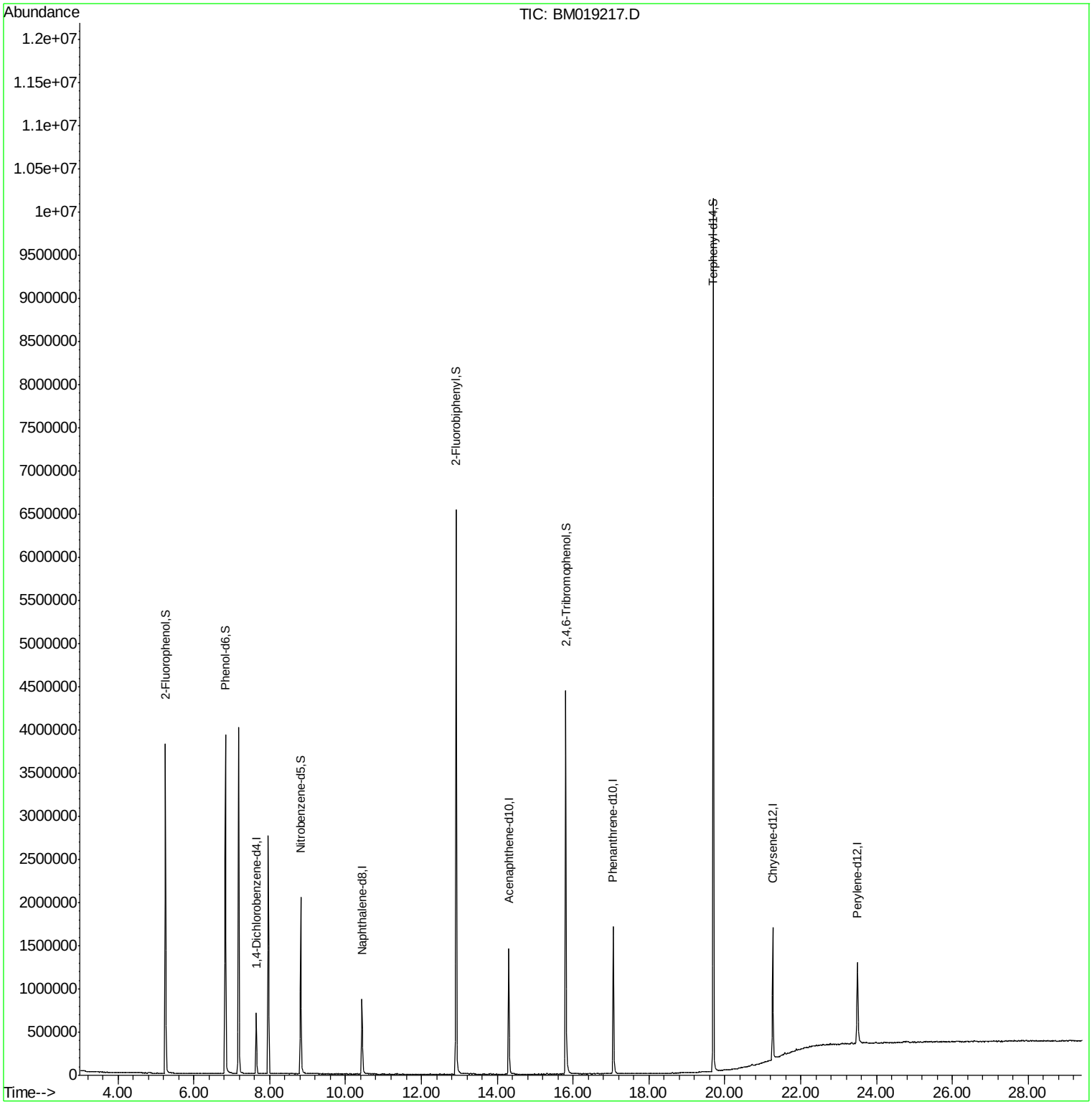
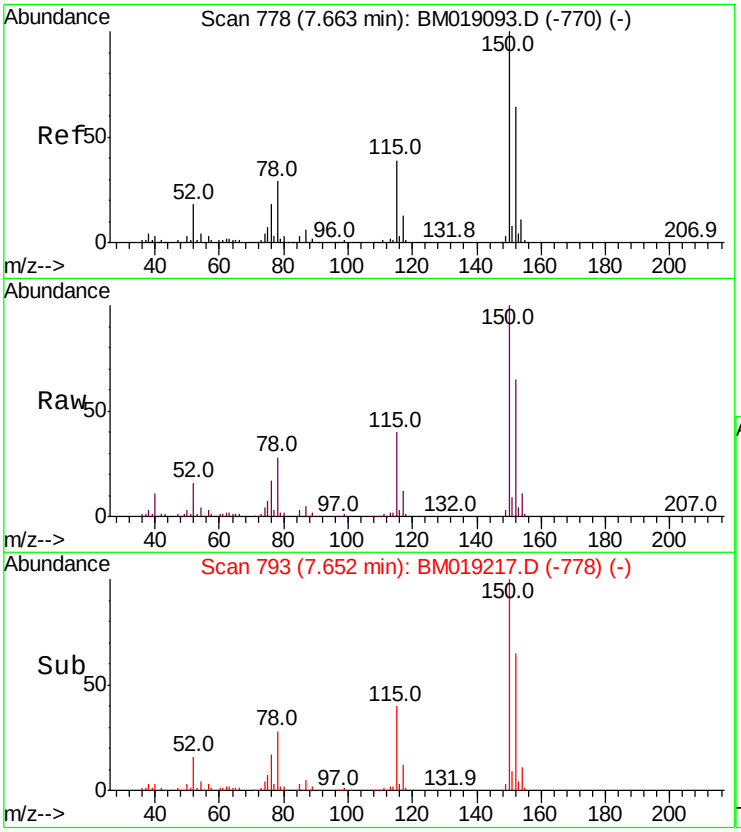


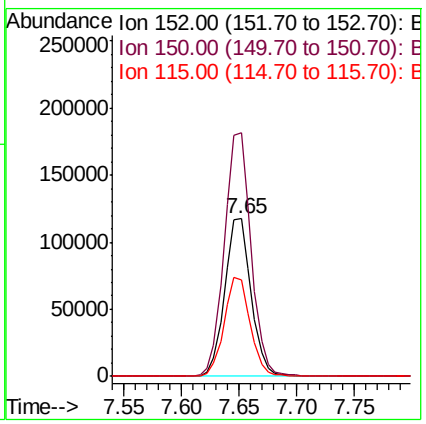


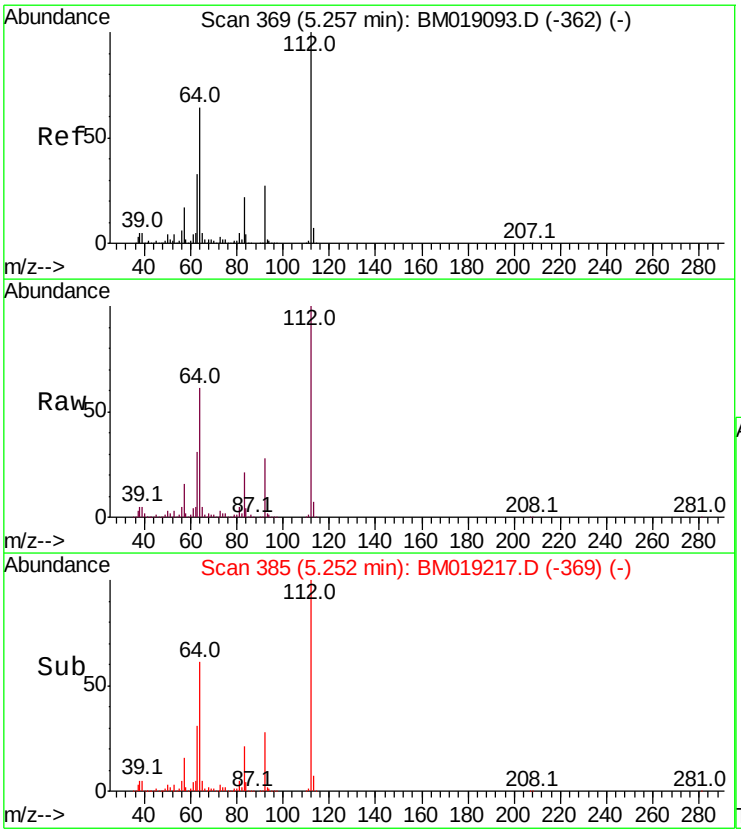
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118000BL

Tgt Ion:152 Resp: 186221

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	61.5	49.4	74.0

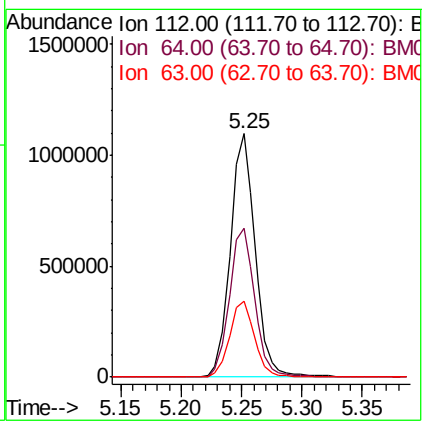


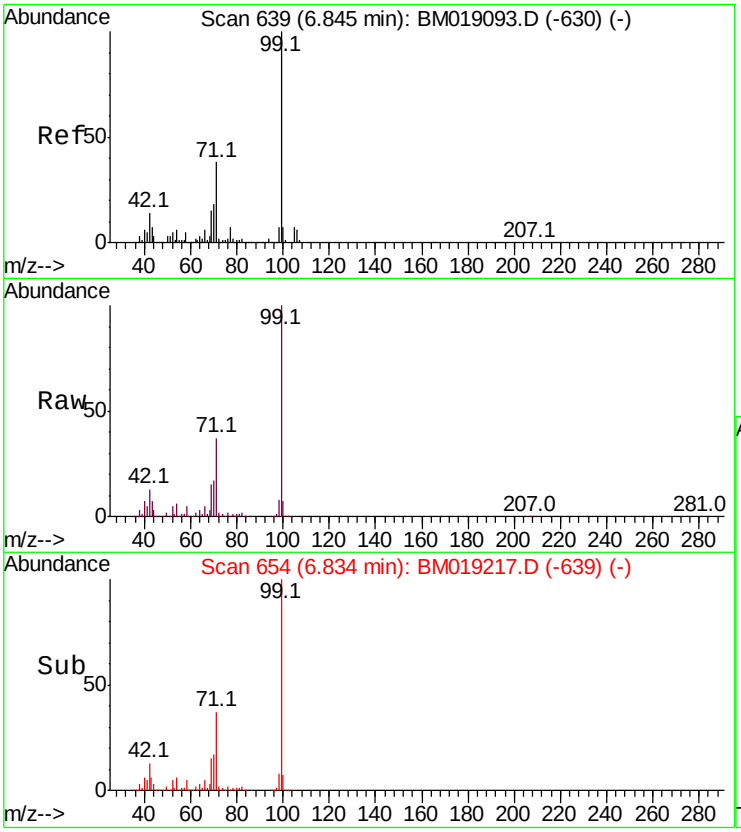


#5
2-Fluorophenol
Concen: 136.573 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion:112 Resp: 1570426

Ion	Ratio	Lower	Upper
112	100		
64	61.2	51.4	77.0
63	30.9	26.6	40.0



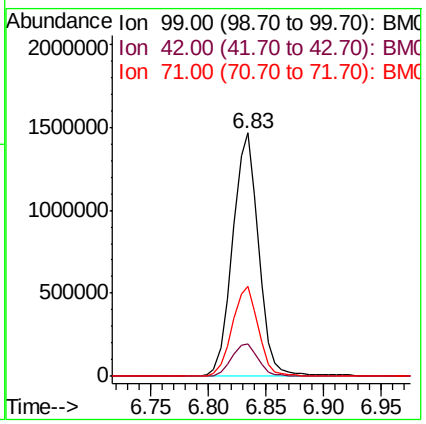


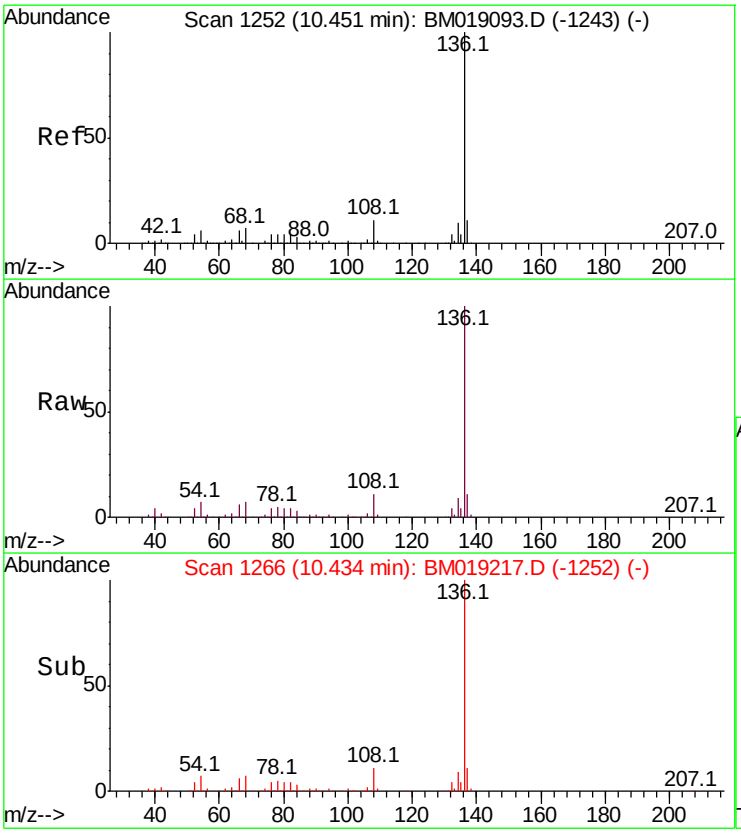
#7
Phenol-d6
Concen: 135.770 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118000BL

Tgt Ion: 99 Resp: 2283578

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.9	16.3
71	36.8	30.3	45.5

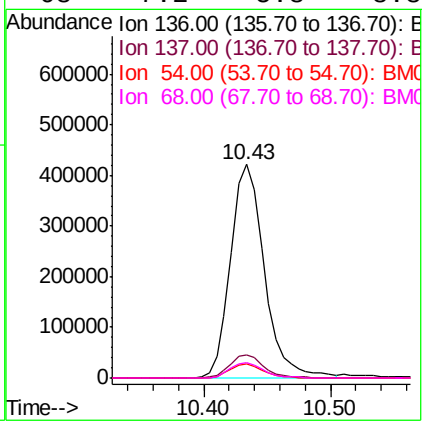


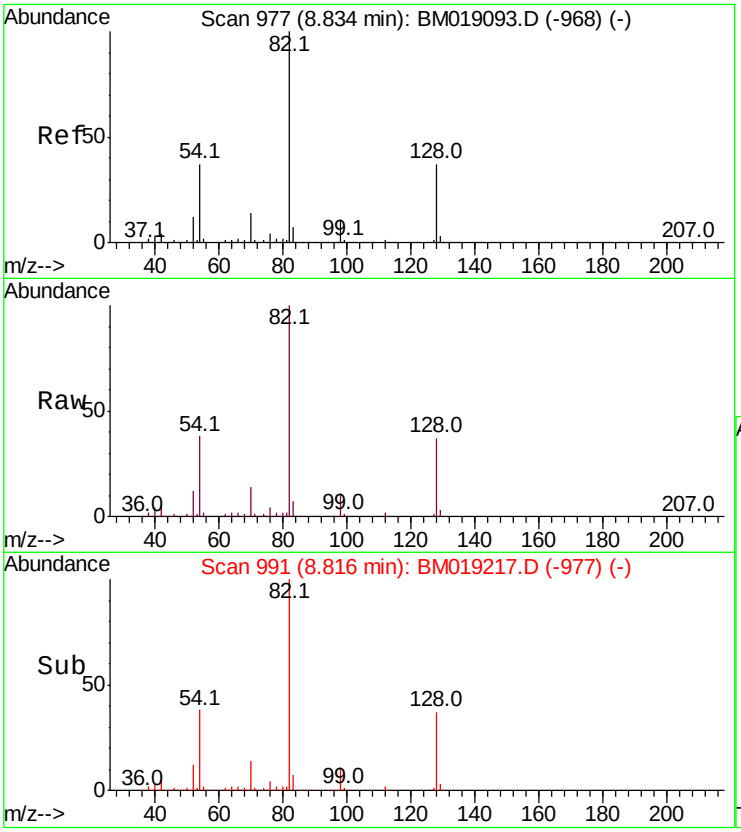


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion:136 Resp: 780659

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.8	5.2	7.8
68	7.2	5.8	8.8



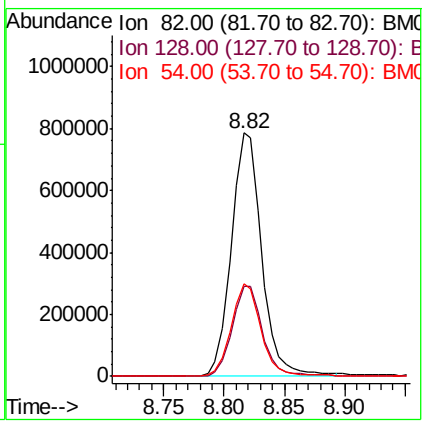


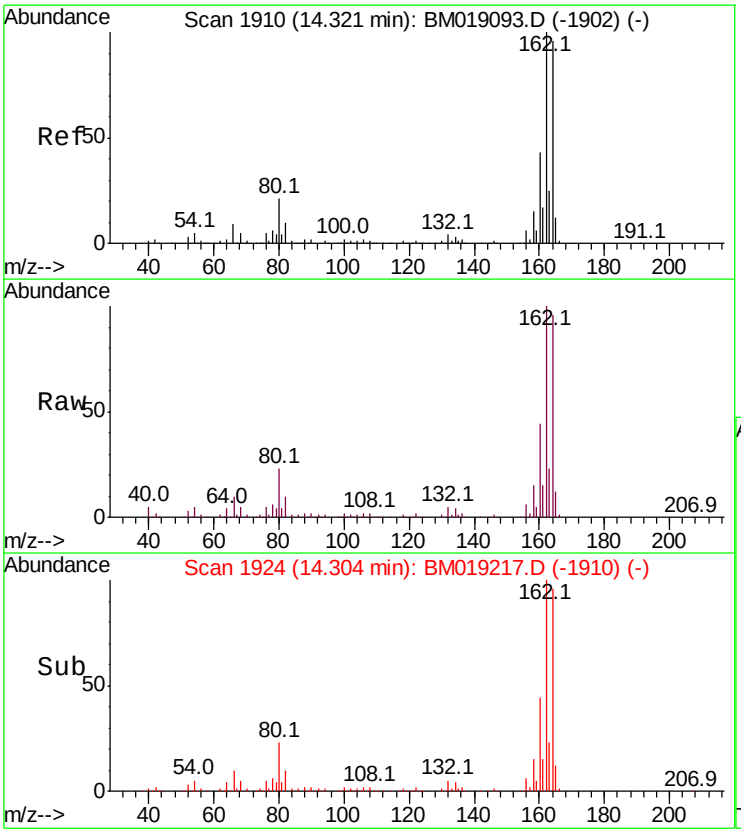
#23
Nitrobenzene-d5
Concen: 83.729 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118000BL

Tgt Ion: 82 Resp: 1382771

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	37.9	29.9	44.9

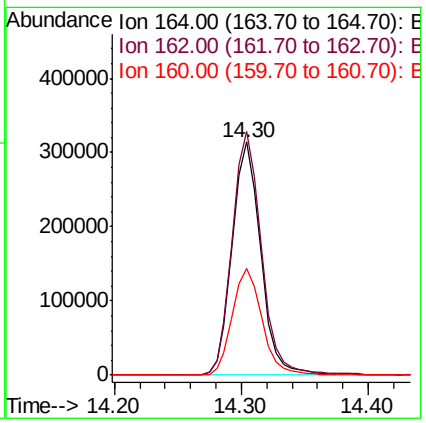


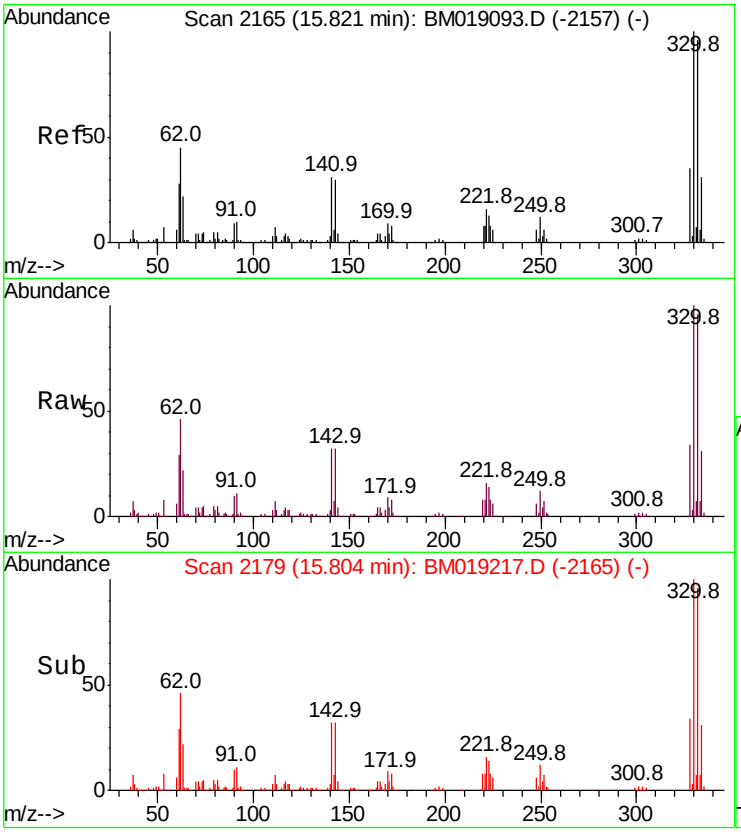


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion:164 Resp: 490563

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.5	125.3
160	45.8	36.3	54.5



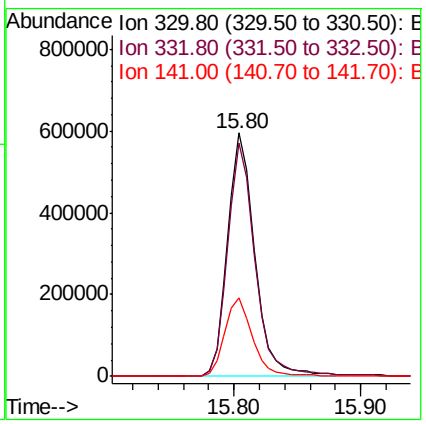


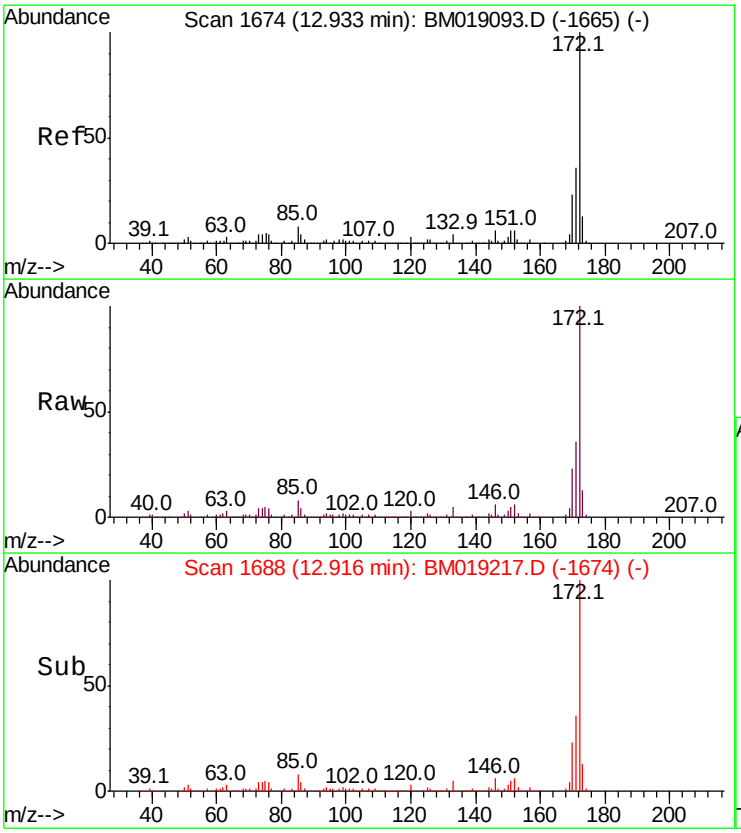
#42
2,4,6-Tribromophenol
Concen: 122.266 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118000BL

Tgt Ion:330 Resp: 885575

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	33.0	27.0	40.4

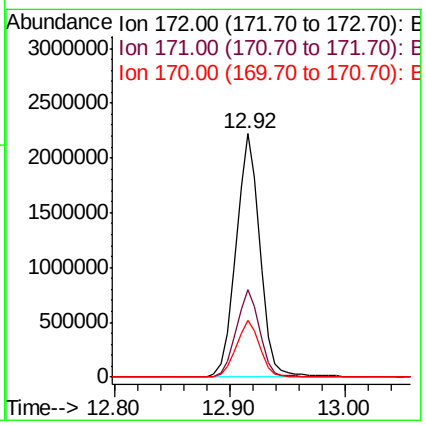


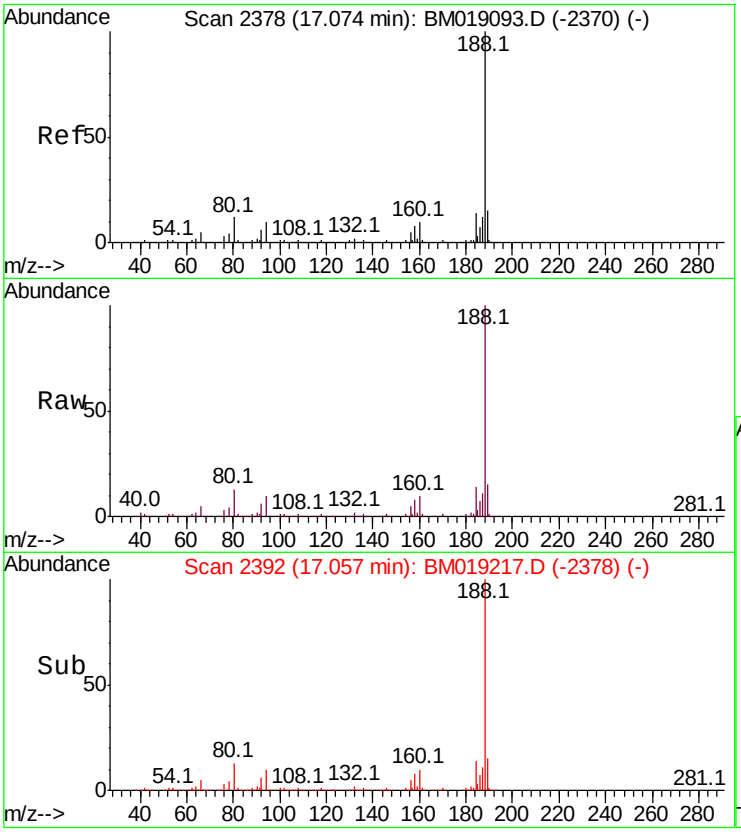


#45
2-Fluorobiphenyl
Concen: 84.033 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion:172 Resp: 3169177

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.1	18.6	28.0



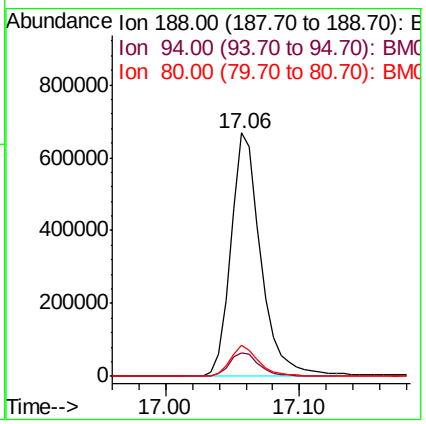


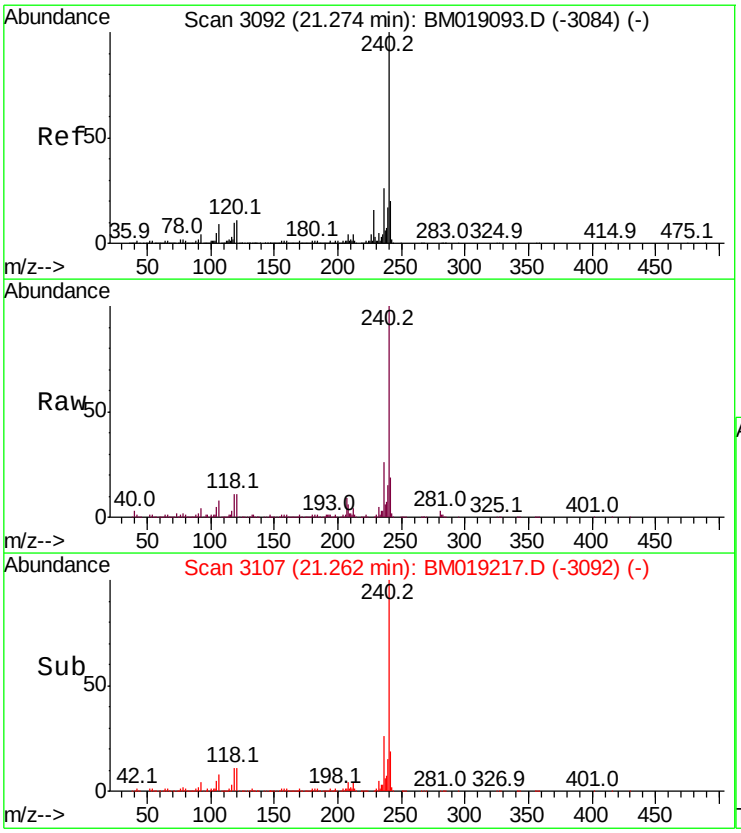
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118000BL

Tgt Ion:188 Resp: 1043826

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	12.6	9.7	14.5

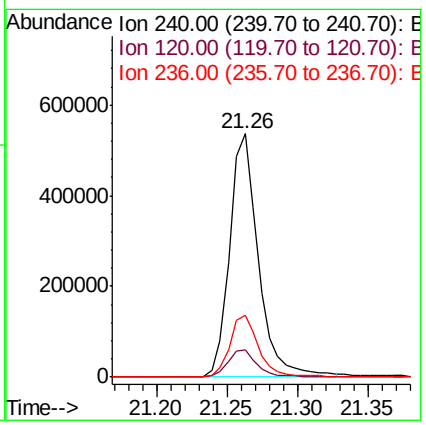


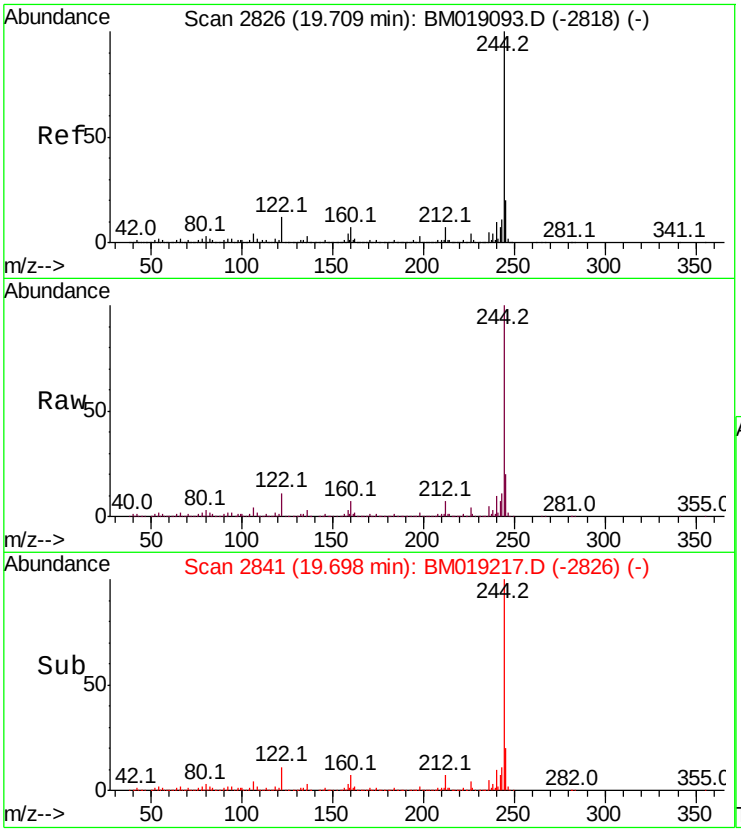


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion:240 Resp: 763365

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.5	21.0	31.4



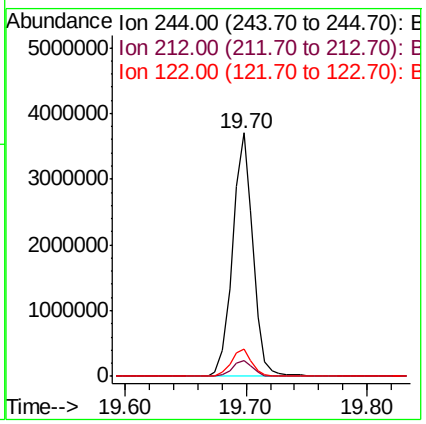


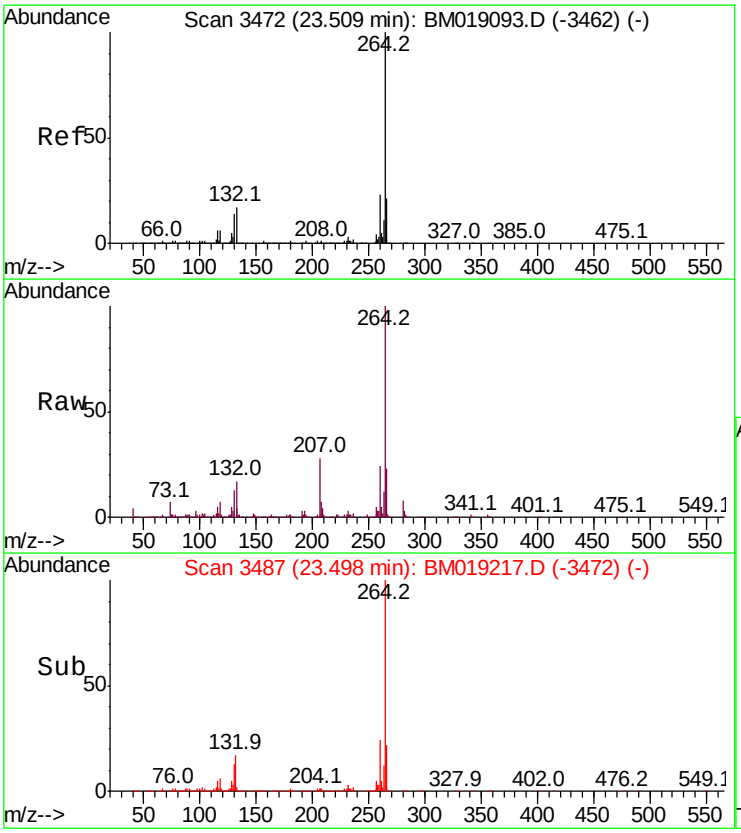
#79
Terphenyl-d14
Concen: 112.632 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB118000BL

Tgt Ion:244 Resp: 4330983

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.1	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019217.D
Acq: 18 Mar 2019 16:03

Tgt Ion:264 Resp: 735334

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.7	17.3	25.9