Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019238.D
Acq On : 19 Mar 2019 16:05
Operator : JU/SJ
Sample : K1930-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

Quant Time: Mar 20 05:11:26 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	182124	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	745604	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	473902	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1102294	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1001753	20.00	ng	-0.02
87) Perylene-d12	23.49	264	899263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1467639	130.50	ng	-0.01
7) Phenol-d6	6.82	99	1835365	111.58	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1533530	97.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1187303	169.69	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3343260	91.77	ng	-0.02
79) Terphenyl-d14	19.70	244	6132727	121.53	ng	-0.01
Target Compounds						Qvalue

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

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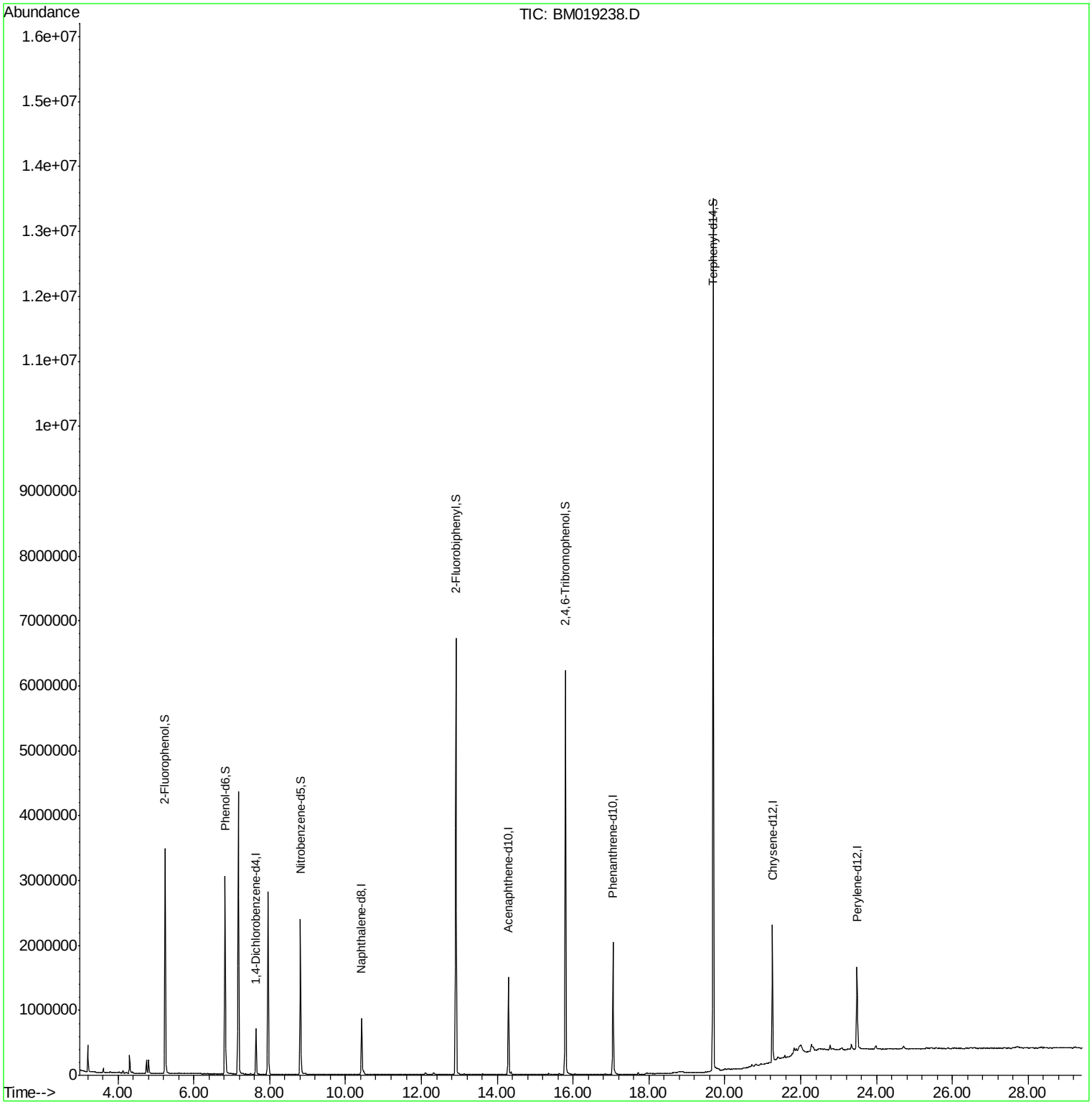
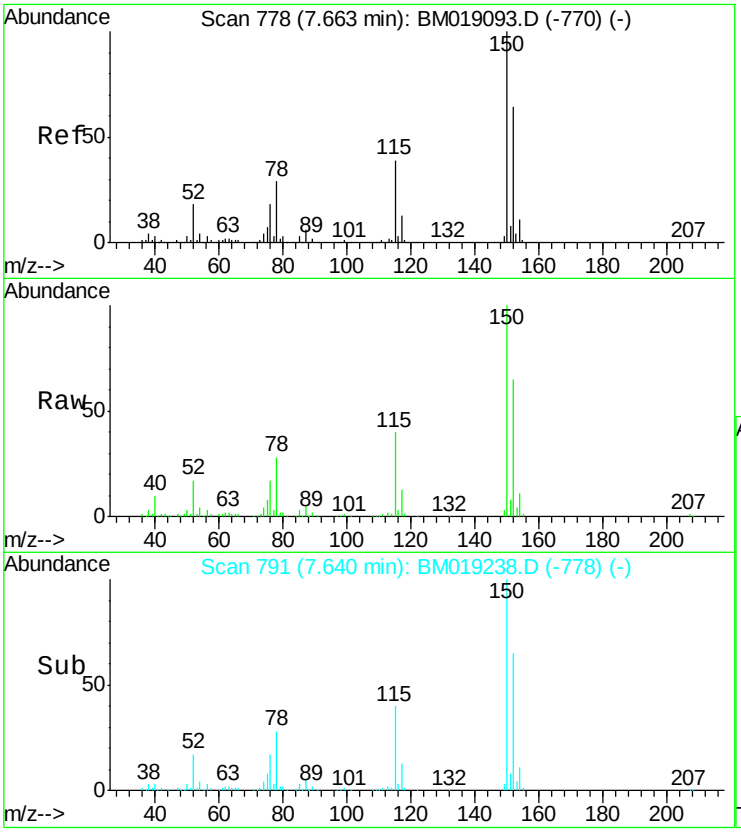


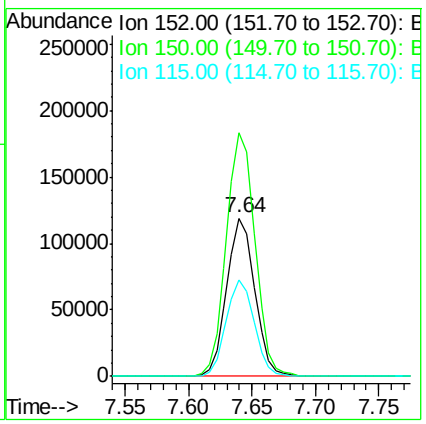


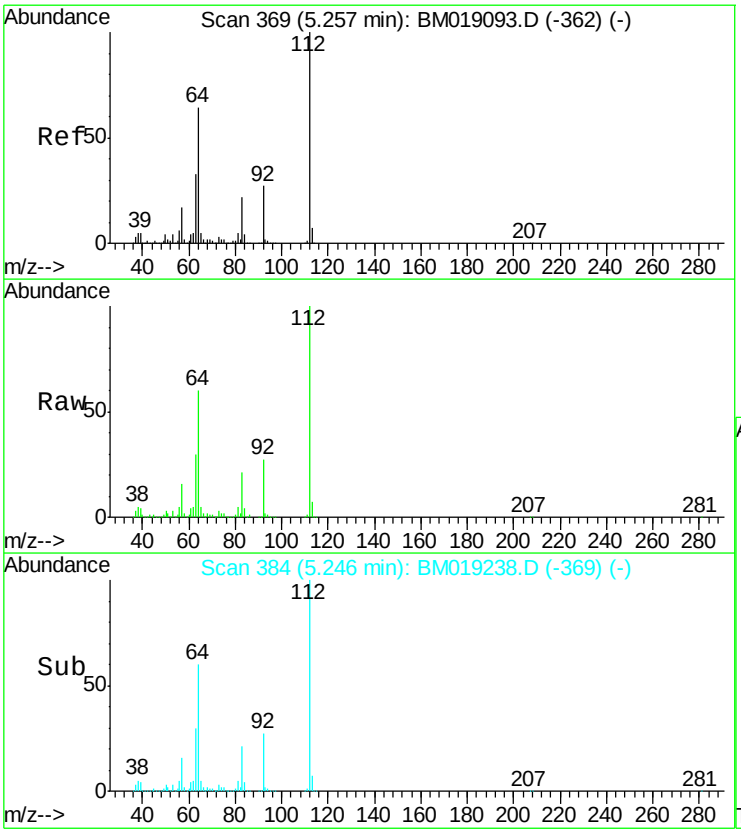
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 182124

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.3	187.9
115	61.0	49.4	74.0

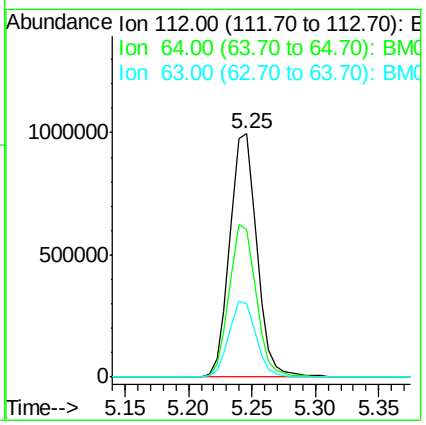


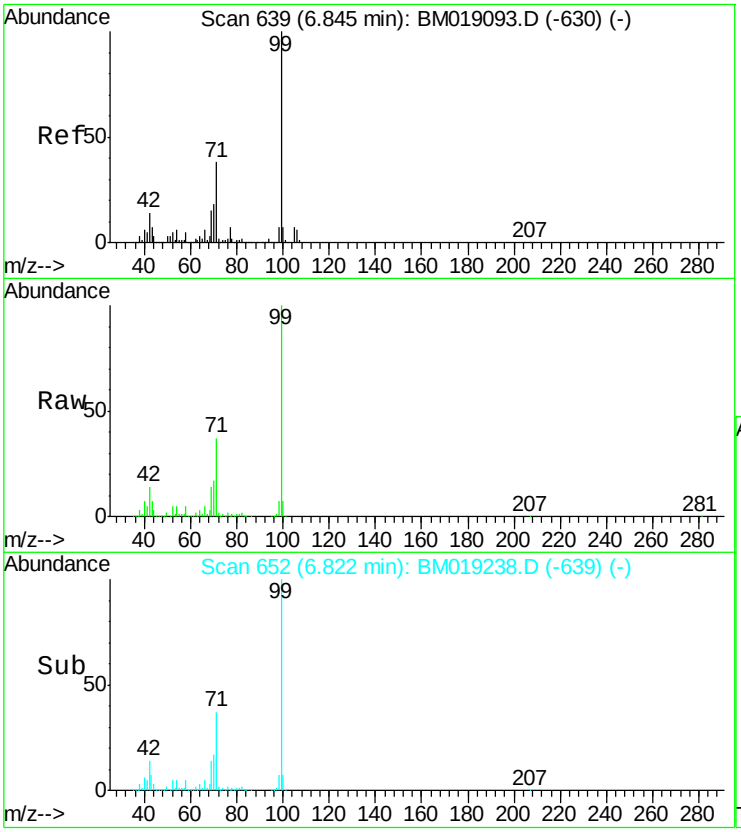


#5
2-Fluorophenol
Concen: 130.505 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:112 Resp: 1467639

Ion	Ratio	Lower	Upper
112	100		
64	60.5	51.4	77.0
63	30.3	26.6	40.0



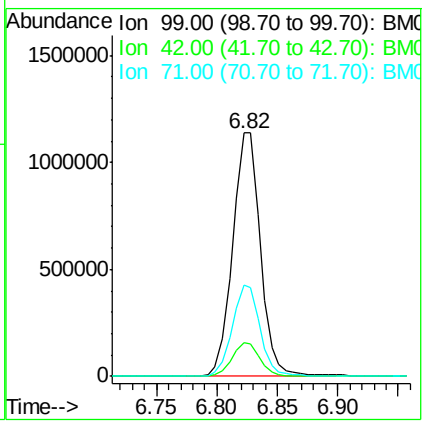


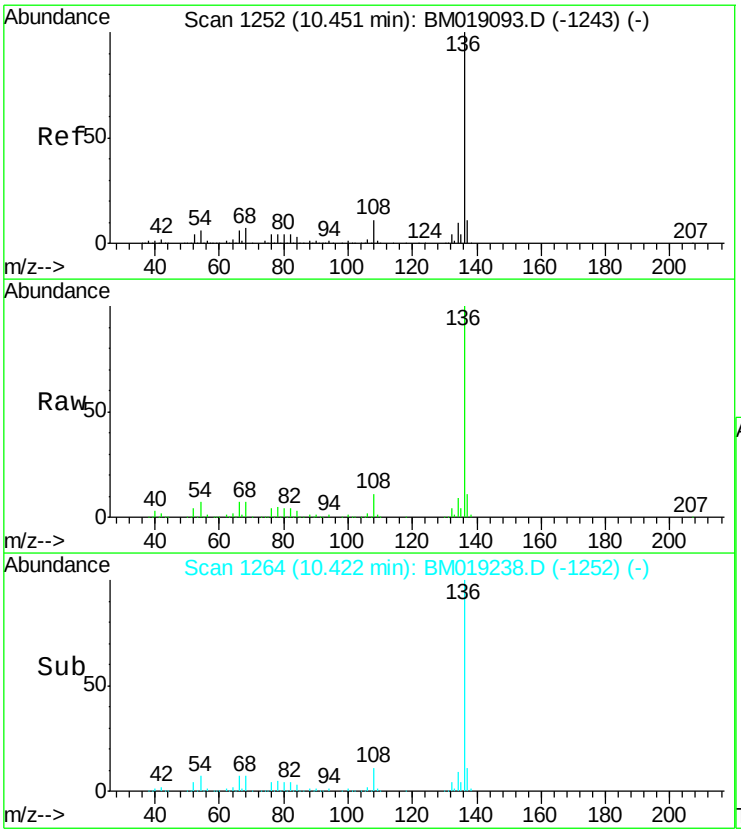
#7
Phenol-d6
Concen: 111.577 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 1835365

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.9	16.3
71	37.4	30.3	45.5

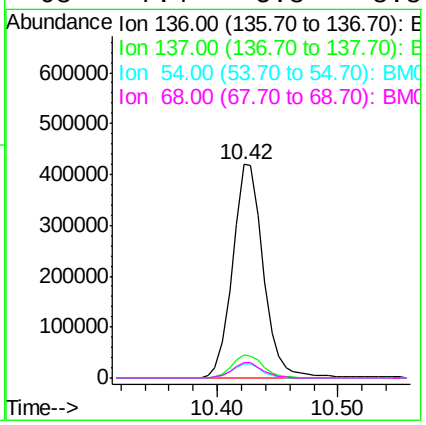


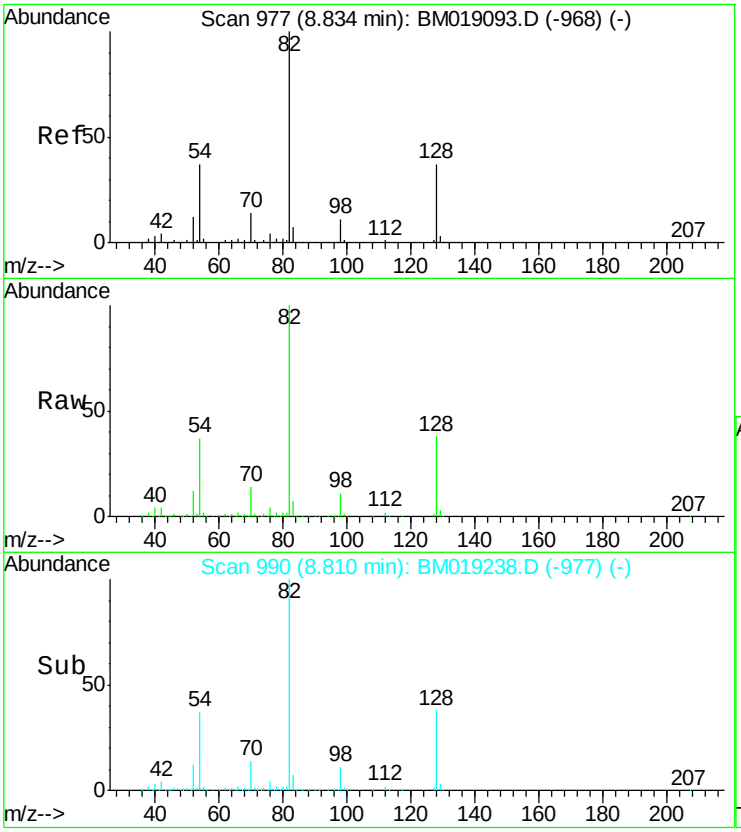


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:136 Resp: 745604

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.7	5.2	7.8
68	7.4	5.8	8.8



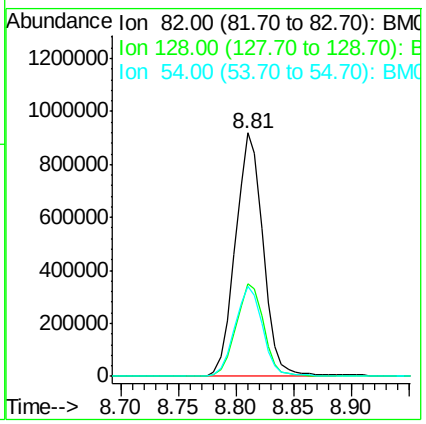


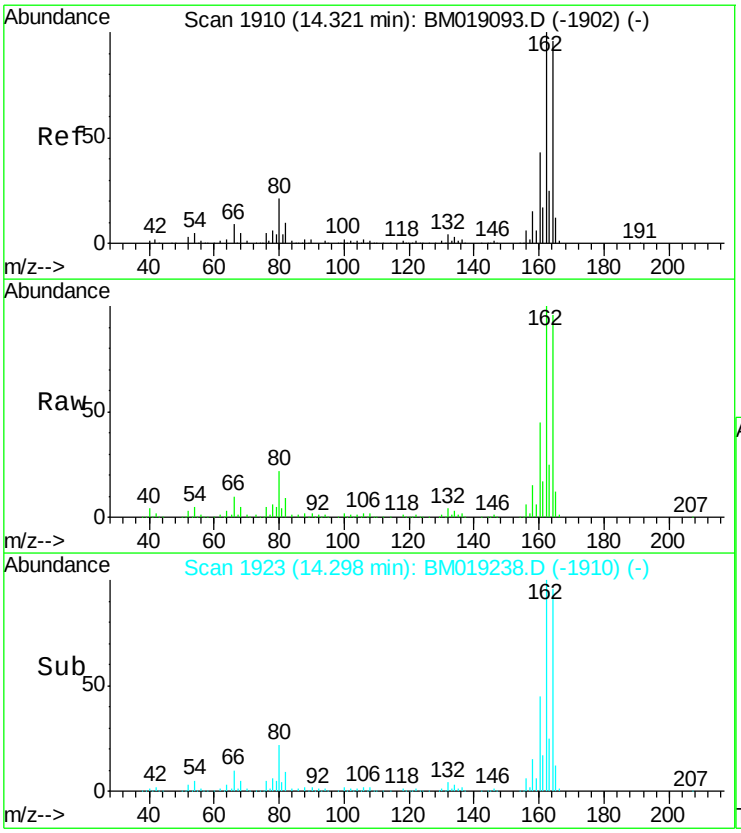
#23
Nitrobenzene-d5
Concen: 97.223 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 1533530

Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	37.0	29.9	44.9

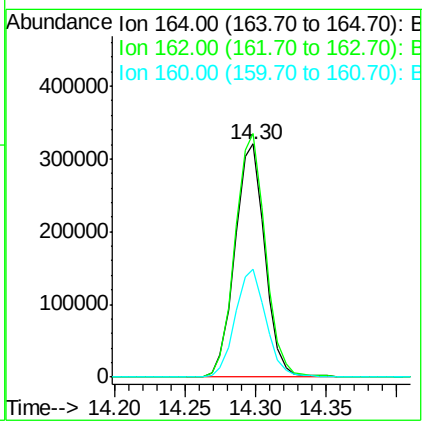


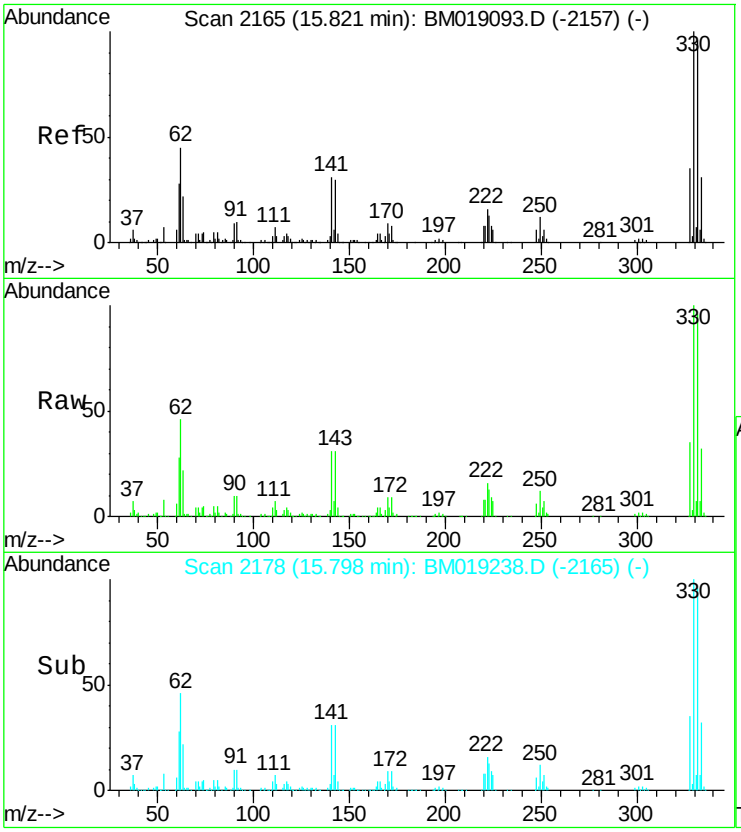


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:164 Resp: 473902

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.5	125.3
160	46.6	36.3	54.5



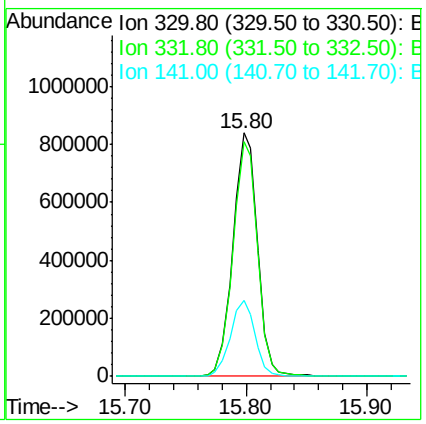


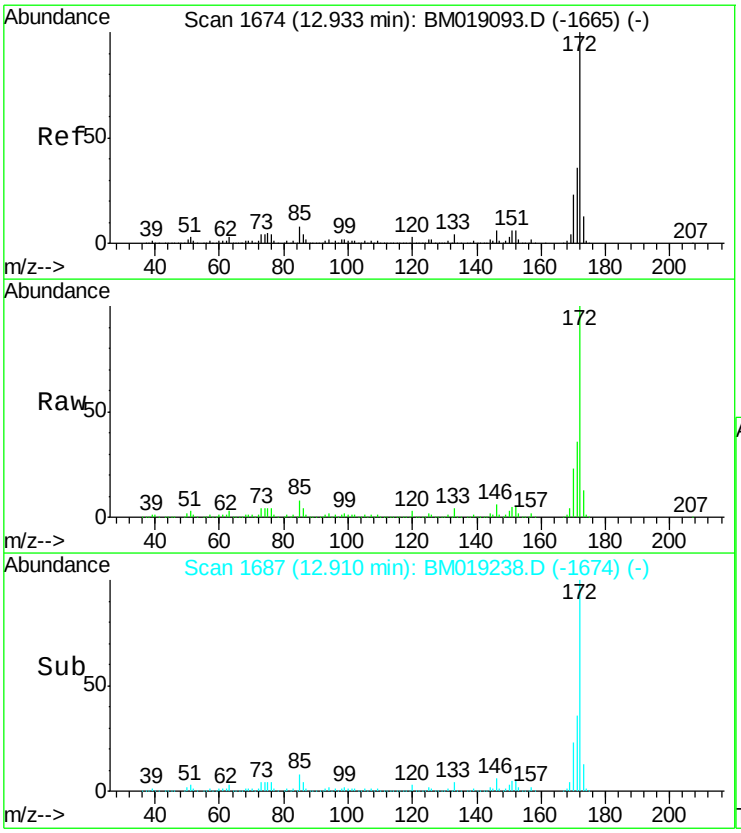
#42
2,4,6-Tribromophenol
Concen: 169.688 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:330 Resp: 1187303

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	31.4	27.0	40.4

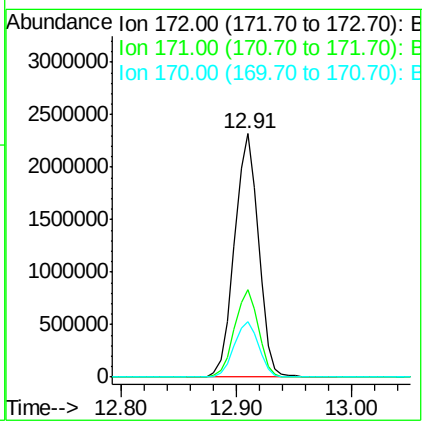


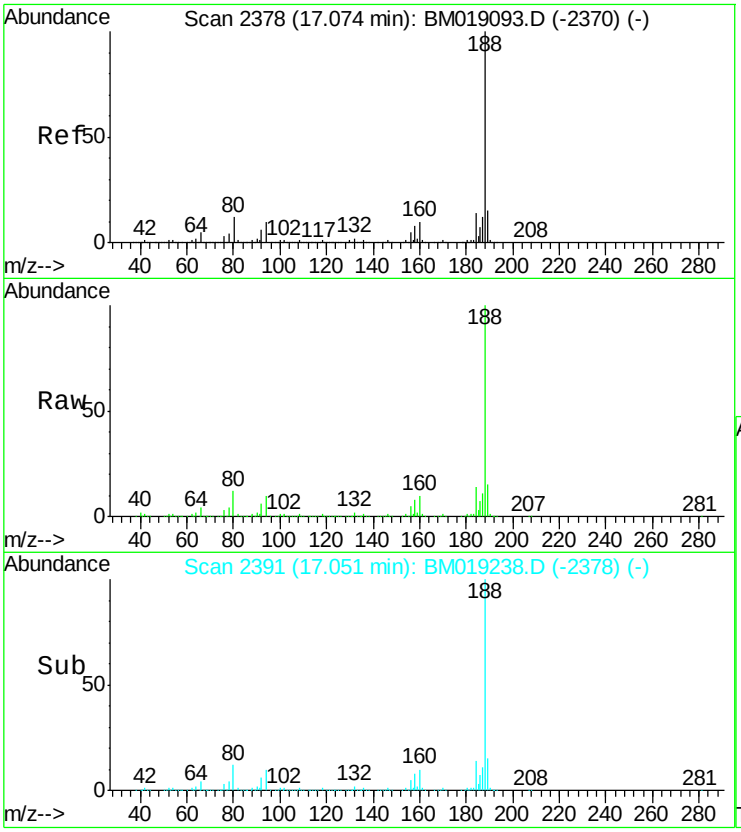


#45
2-Fluorobiphenyl
Concen: 91.765 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:172 Resp: 3343260

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.0	18.6	28.0



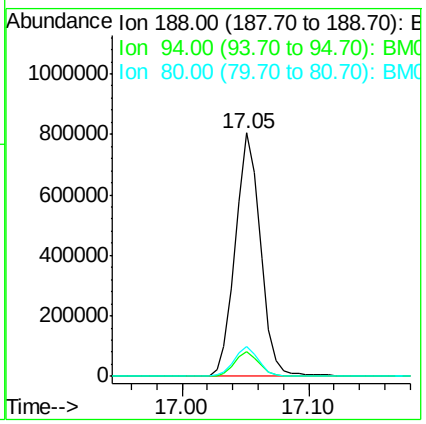


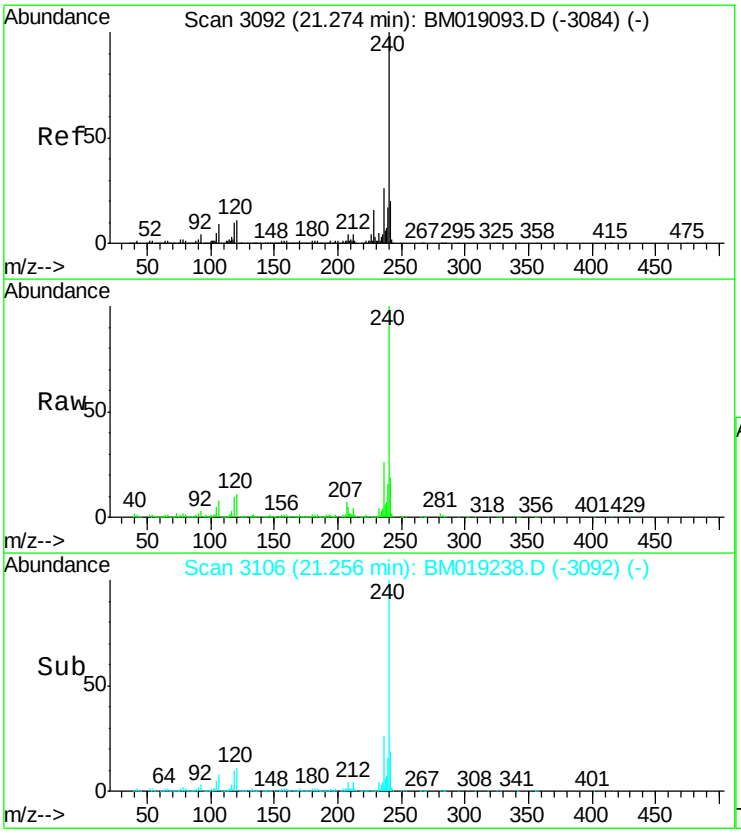
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 1102294

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	12.2	9.7	14.5

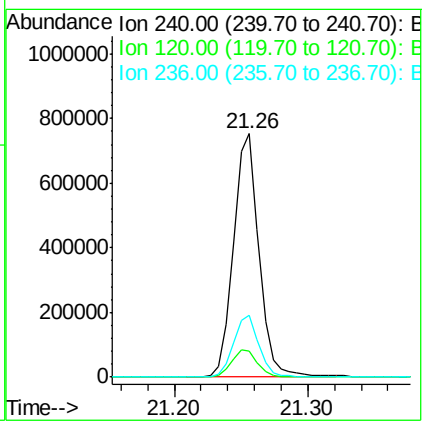


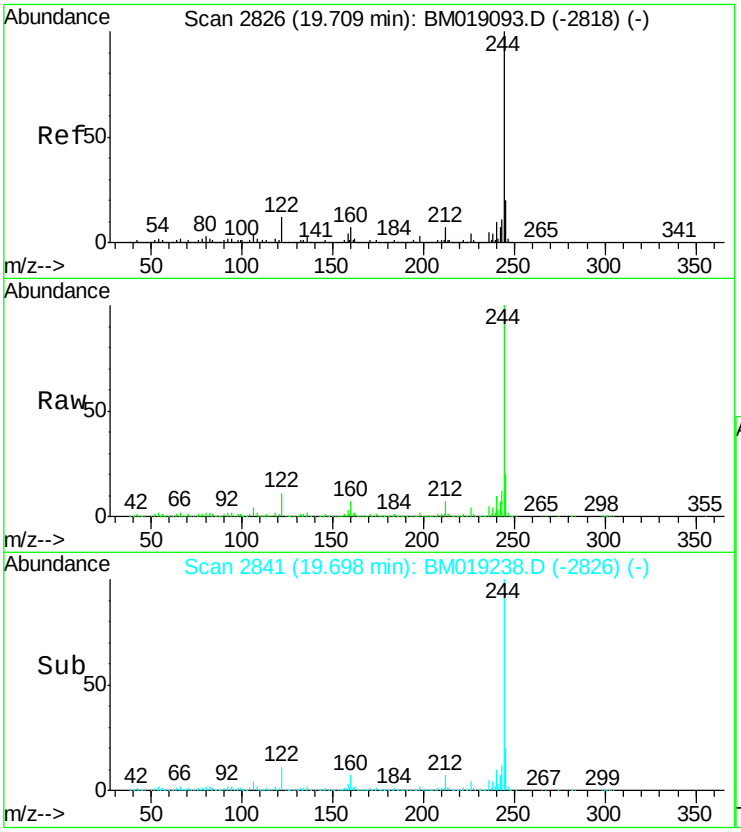


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:240 Resp: 1001753

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.6	21.0	31.4



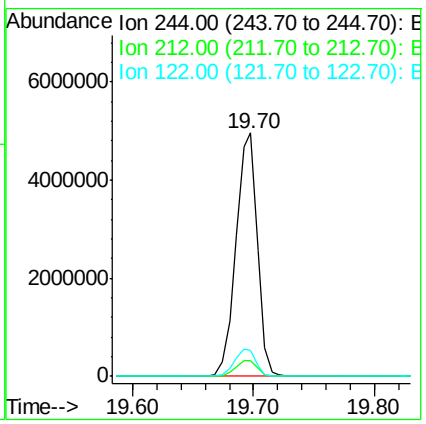


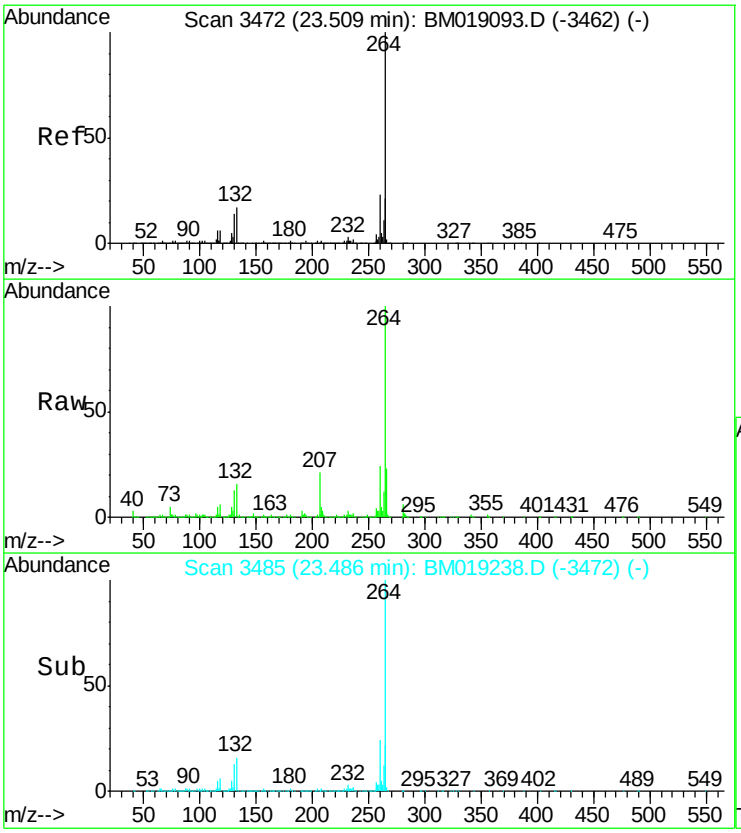
#79
Terphenyl-d14
Concen: 121.535 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 6132727

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.5	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM019238.D
Acq: 19 Mar 2019 16:05

Tgt Ion:264 Resp: 899263

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.5	17.3	25.9