Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019210.D
Acq On : 16 Mar 2019 05:38
Operator : JU/SJ
Sample : K1905-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RT-3483

Quant Time: Mar 16 06:30:56 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	199389	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	823299	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	540200	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1209499	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	970604	20.00	ng	-0.02
87) Perylene-d12	23.49	264	867420	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1681877	136.61	ng	0.00
7) Phenol-d6	6.83	99	2089721	116.04	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1802079	103.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1281798	160.71	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3939956	94.87	ng	-0.02
79) Terphenyl-d14	19.70	244	6759105	138.25	ng	-0.01
Target Compounds						Qvalue

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

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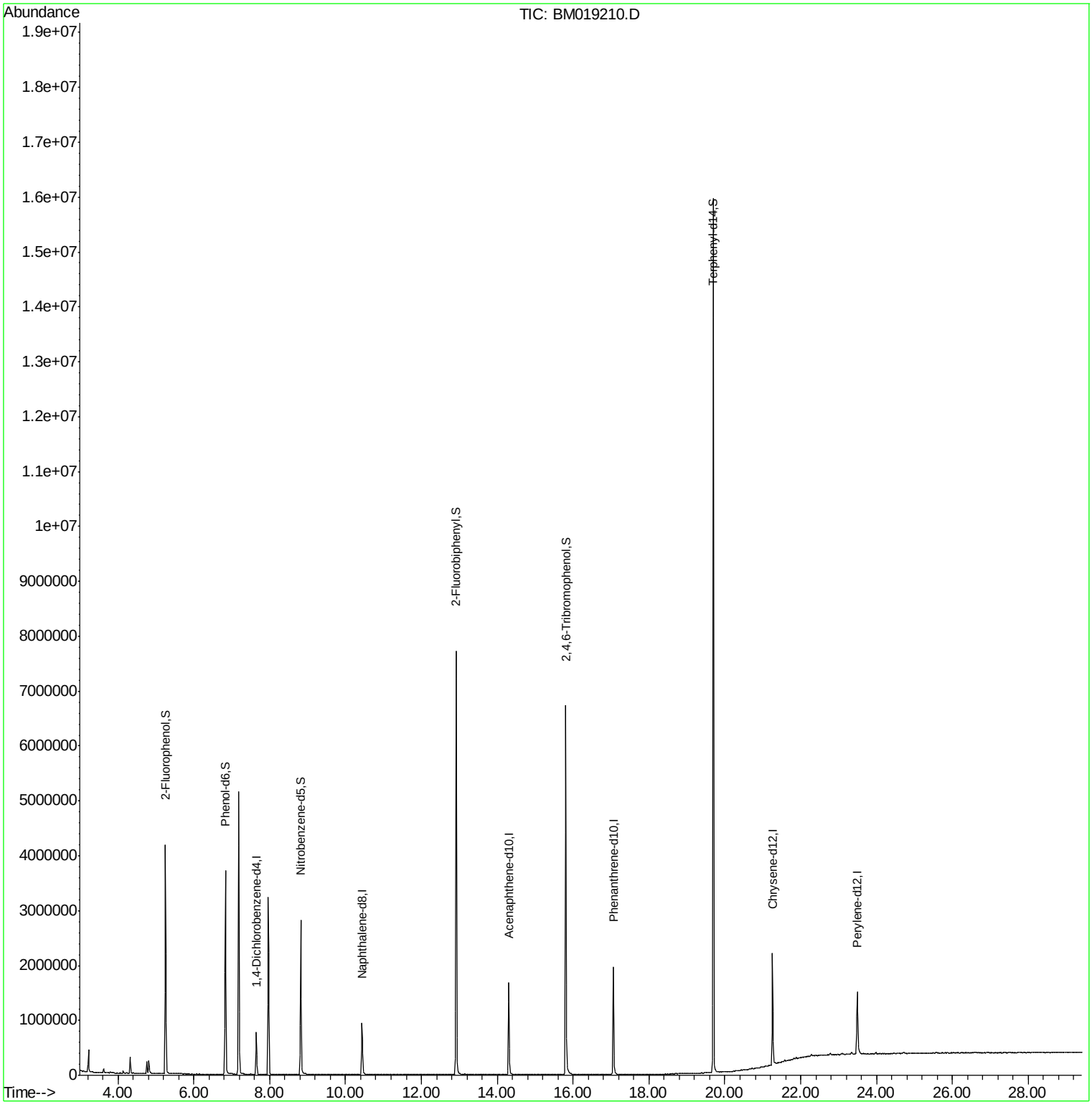
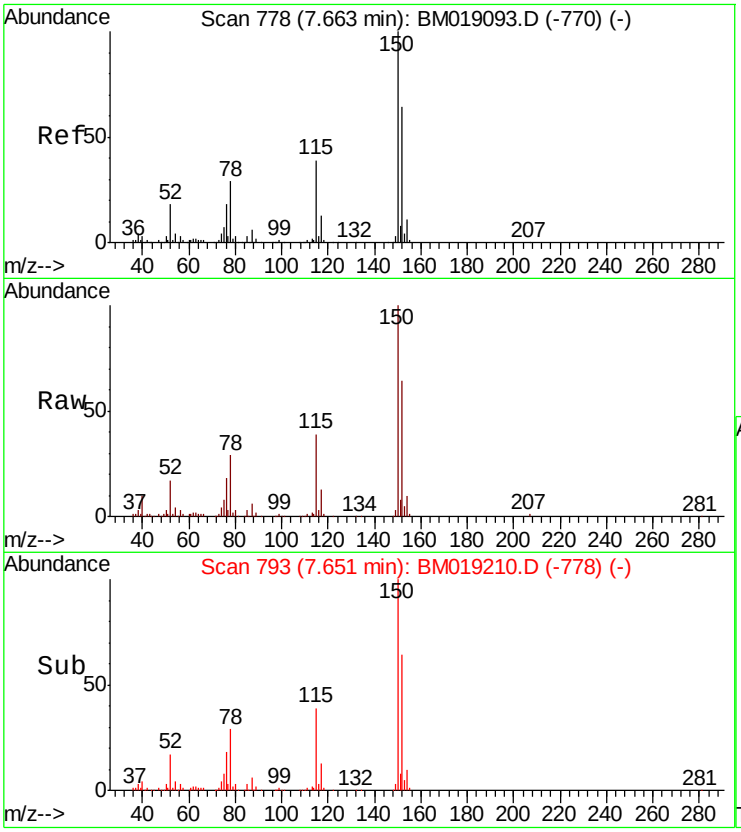


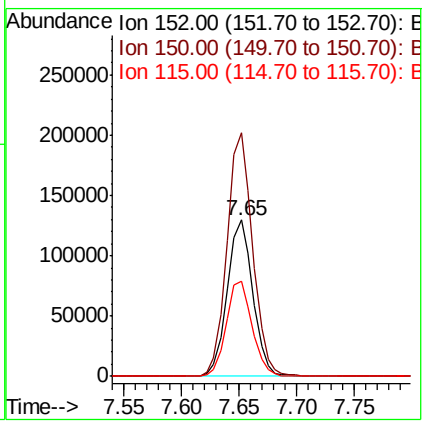


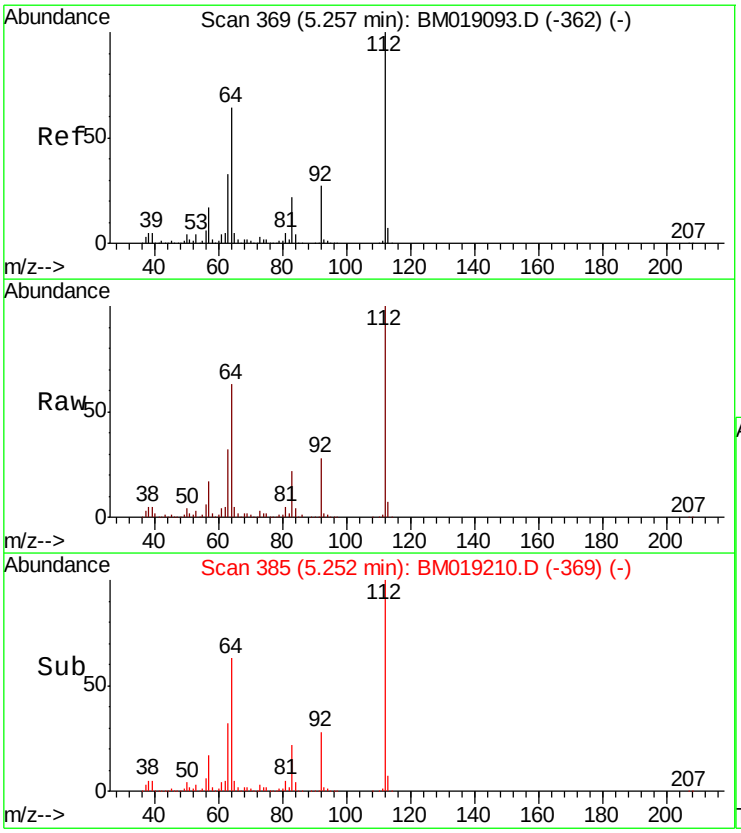
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Instrument :
BNA_M
ClientSampleId :
RT-3483

Tgt Ion:152 Resp: 199389

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.3	187.9
115	61.0	49.4	74.0

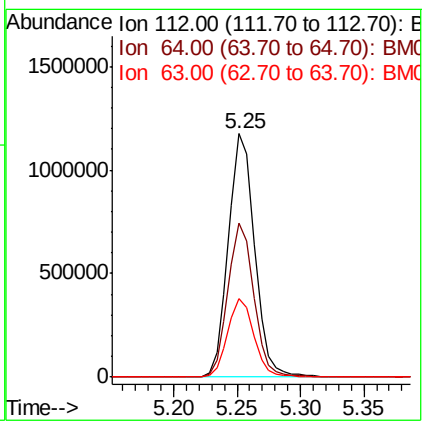


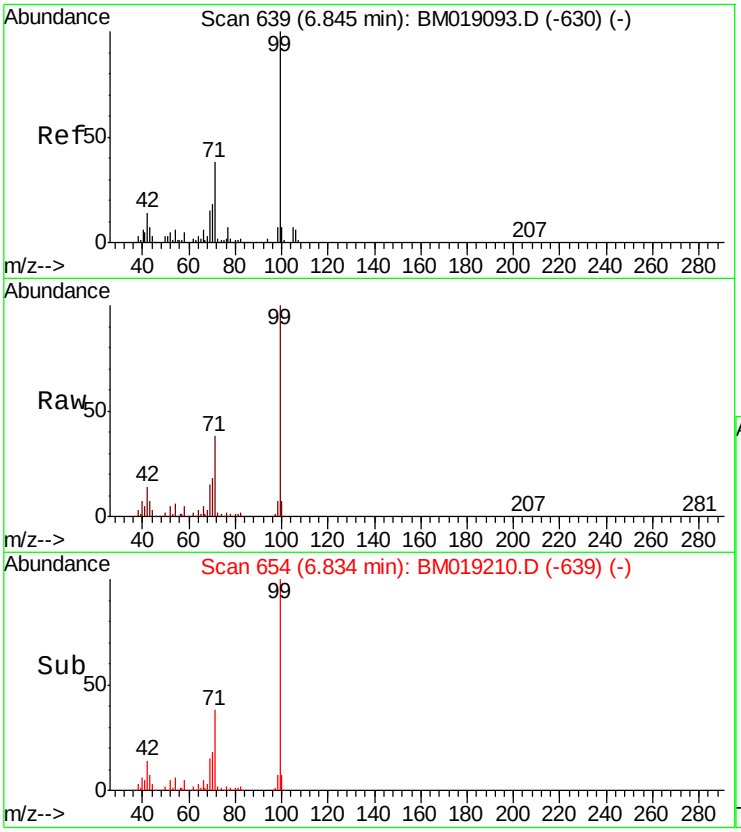


#5
2-Fluorophenol
Concen: 136.605 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Tgt Ion:112 Resp: 1681877

Ion	Ratio	Lower	Upper
112	100		
64	63.2	51.4	77.0
63	32.3	26.6	40.0



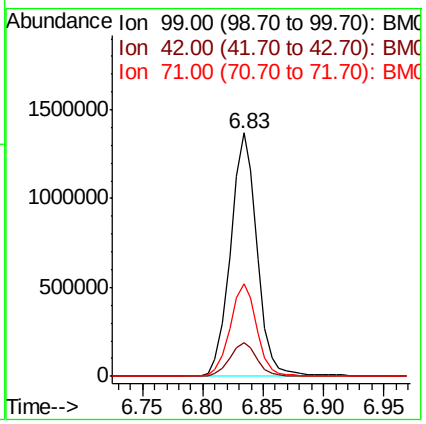


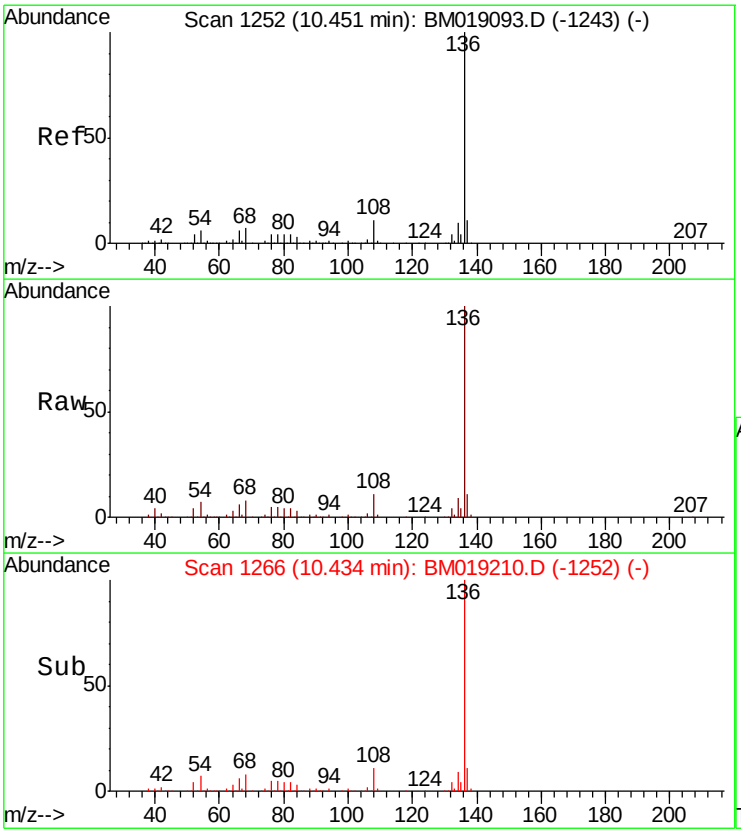
#7
Phenol-d6
Concen: 116.039 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Instrument :
BNA_M
ClientSampleId :
RT-3483

Tgt Ion: 99 Resp: 2089721

Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	37.9	30.3	45.5

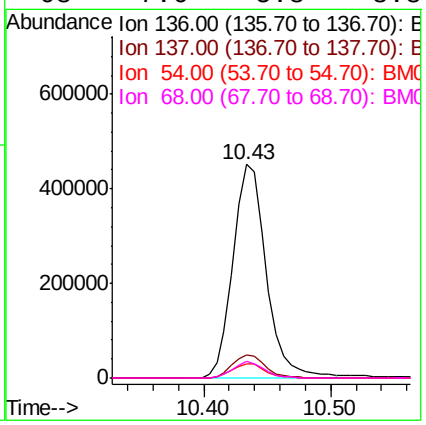


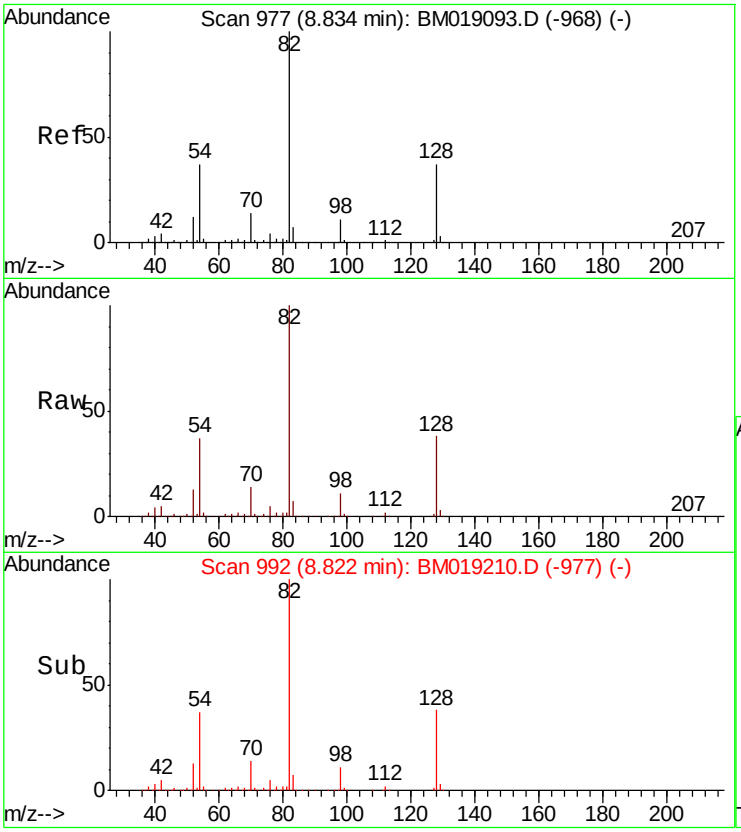


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Tgt Ion:136 Resp: 823299

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	5.2	7.8
68	7.6	5.8	8.8



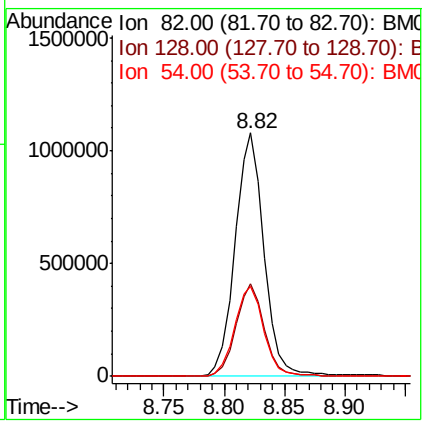


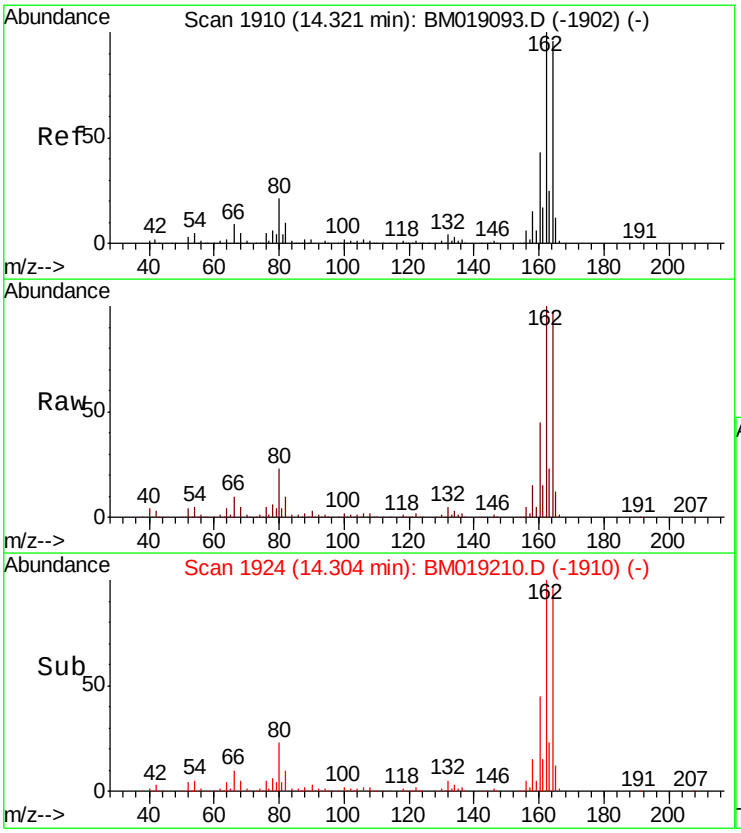
#23
Nitrobenzene-d5
Concen: 103.467 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Instrument :
BNA_M
ClientSampleId :
RT-3483

Tgt Ion: 82 Resp: 1802079

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	37.0	29.9	44.9

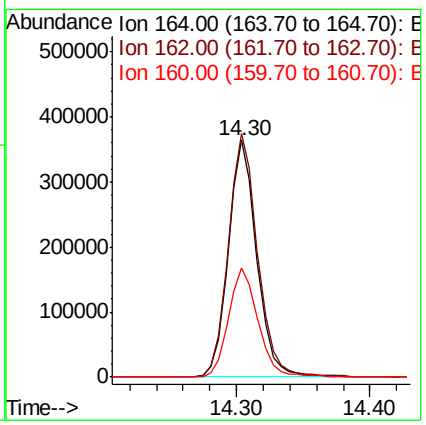


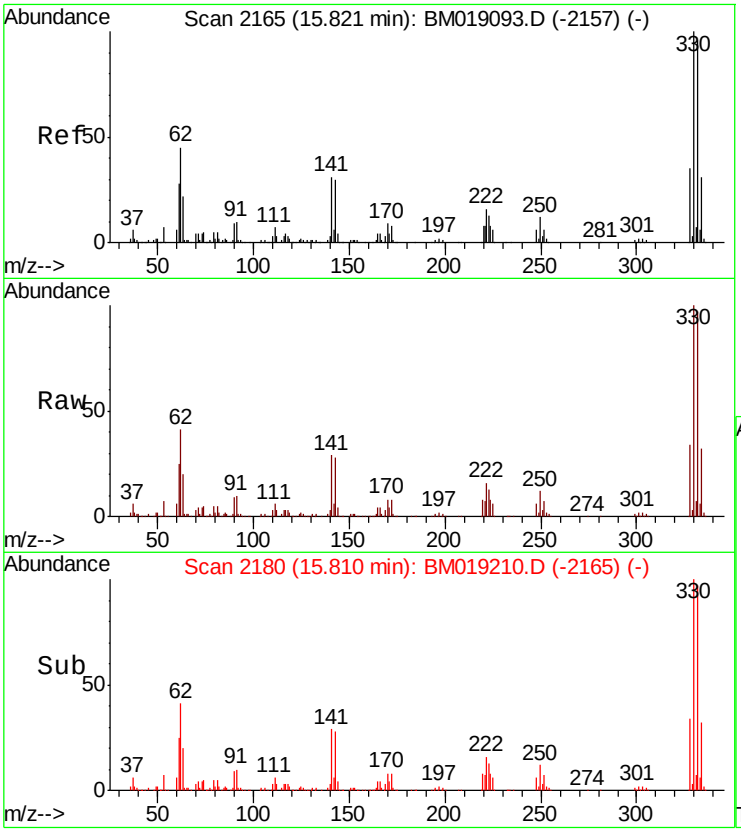


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Tgt Ion:164 Resp: 540200

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.5	125.3
160	46.1	36.3	54.5



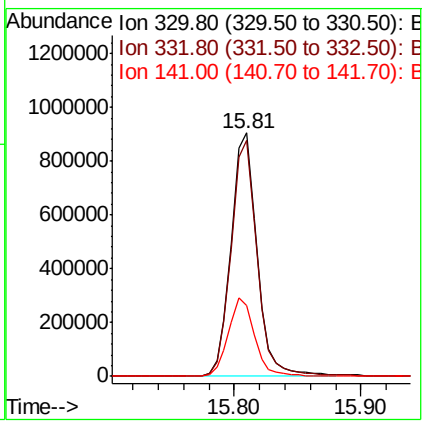


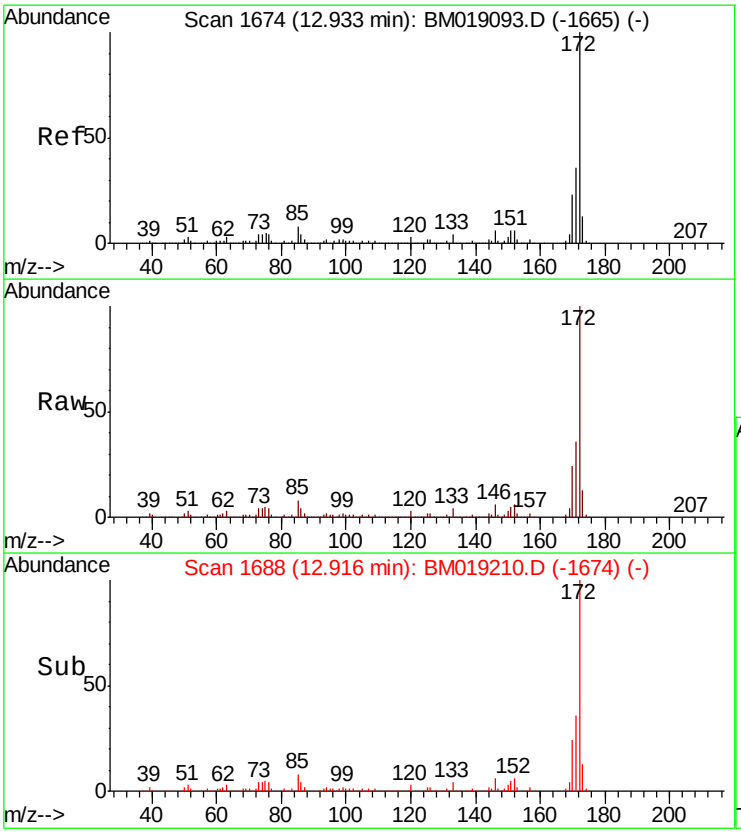
#42
2,4,6-Tribromophenol
Concen: 160.710 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Instrument :
BNA_M
ClientSampleId :
RT-3483

Tgt Ion:330 Resp: 1281798

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	32.9	27.0	40.4

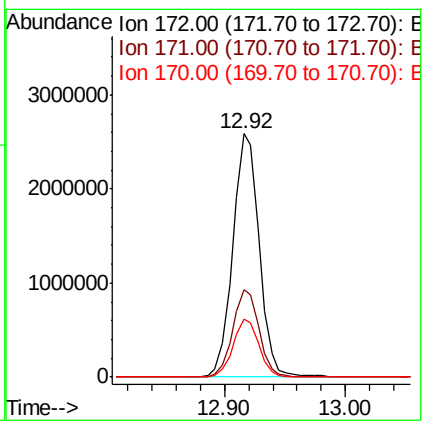


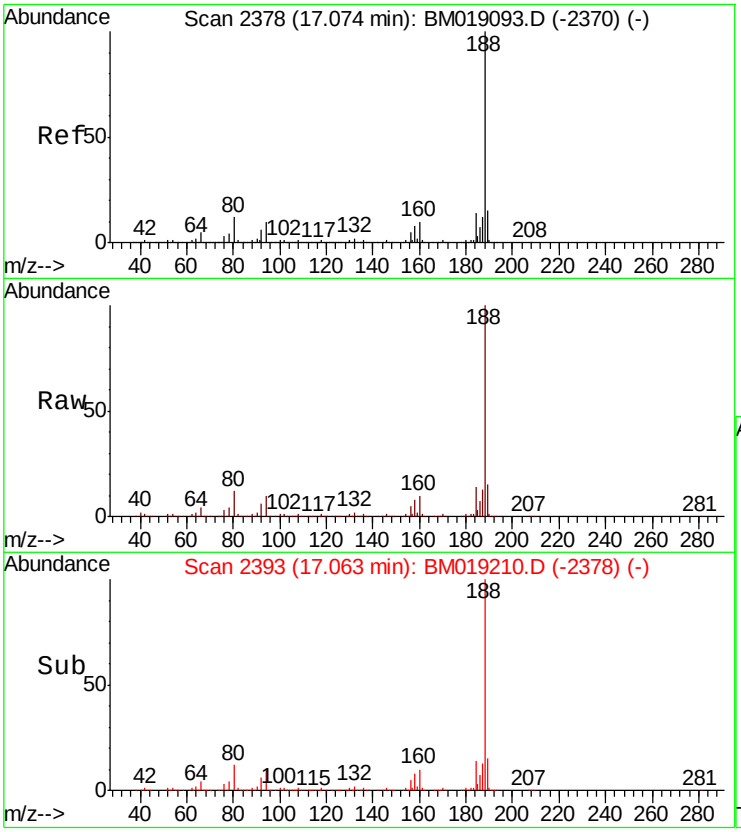


#45
2-Fluorobiphenyl
Concen: 94.871 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Tgt Ion:172 Resp: 3939956

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.6	18.6	28.0



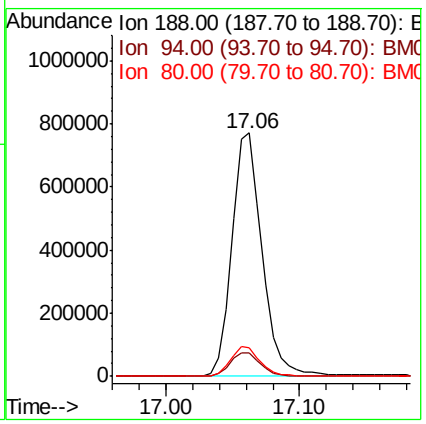


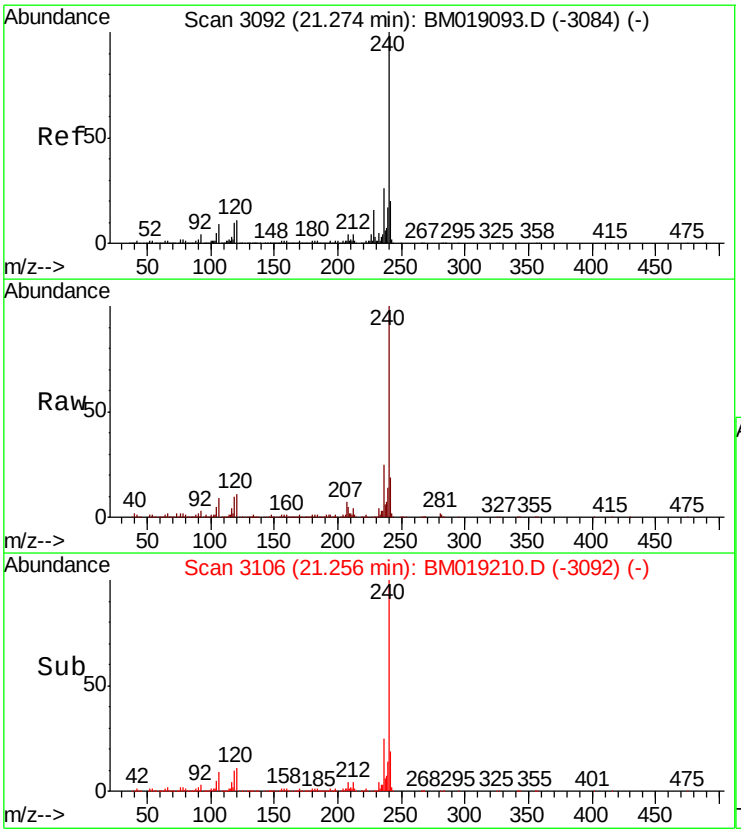
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Instrument :
BNA_M
ClientSampleId :
RT-3483

Tgt Ion:188 Resp: 1209499

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	12.0	9.7	14.5

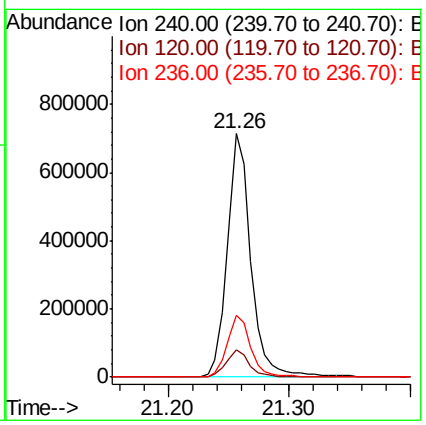


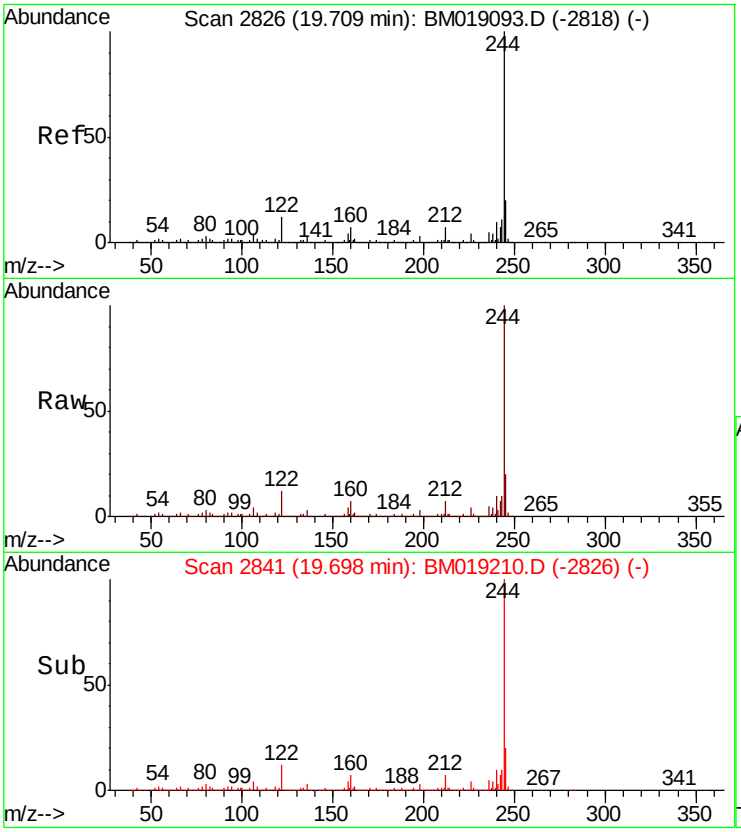


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Tgt Ion:240 Resp: 970604

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.4	21.0	31.4



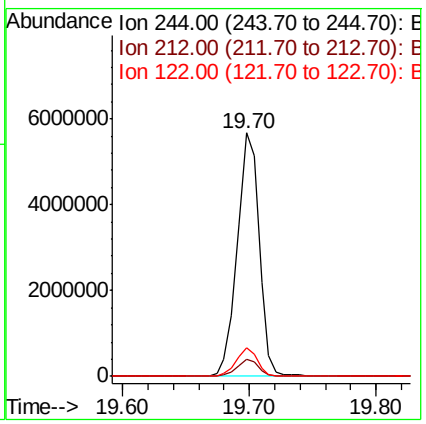


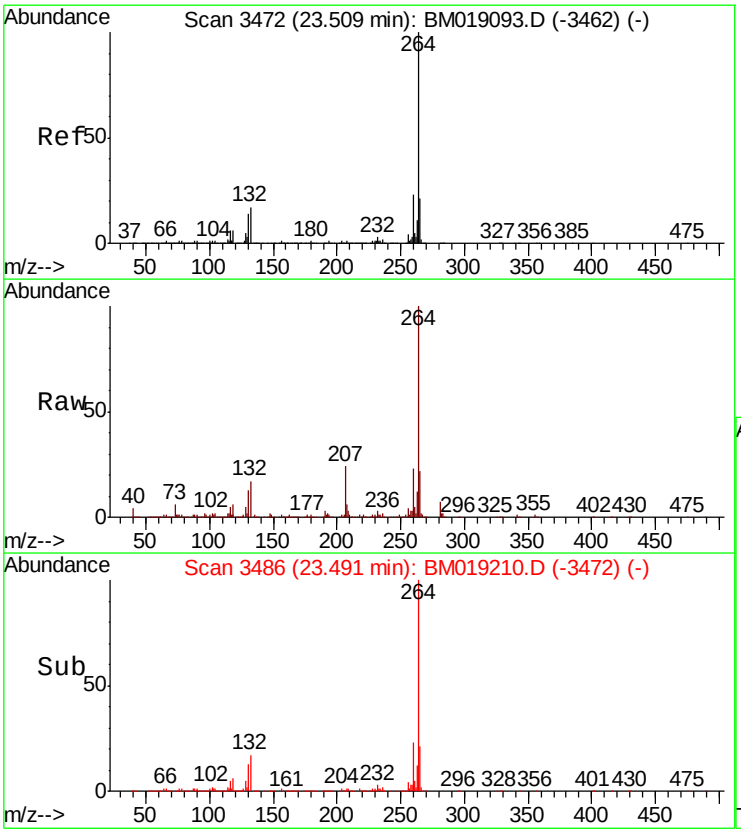
#79
Terphenyl-d14
Concen: 138.247 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Instrument :
BNA_M
ClientSampleId :
RT-3483

Tgt Ion:244 Resp: 6759105

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	12.0	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.02 min
Lab File: BM019210.D
Acq: 16 Mar 2019 05:38

Tgt Ion:264 Resp: 867420

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.9	17.3	25.9