Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
Data File : BM018606.D
Acq On : 17 Jan 2019 06:11
Operator : JU/SJ
Sample : K1147-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-6

Quant Time: Jan 17 07:21:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	323838	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1311969	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	751331	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1764266	20.00	ng	-0.01
76) Chrysene-d12	21.33	240	1839964	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1479104	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2225725	126.91	ng	-0.01
7) Phenol-d6	6.92	99	2545704	114.28	ng	-0.01
23) Nitrobenzene-d5	8.91	82	1942579	85.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1362798	142.45	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	4906574	85.21	ng	-0.01
79) Terphenyl-d14	19.78	244	8128802	93.13	ng	0.00

Target Compounds	Qvalue

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

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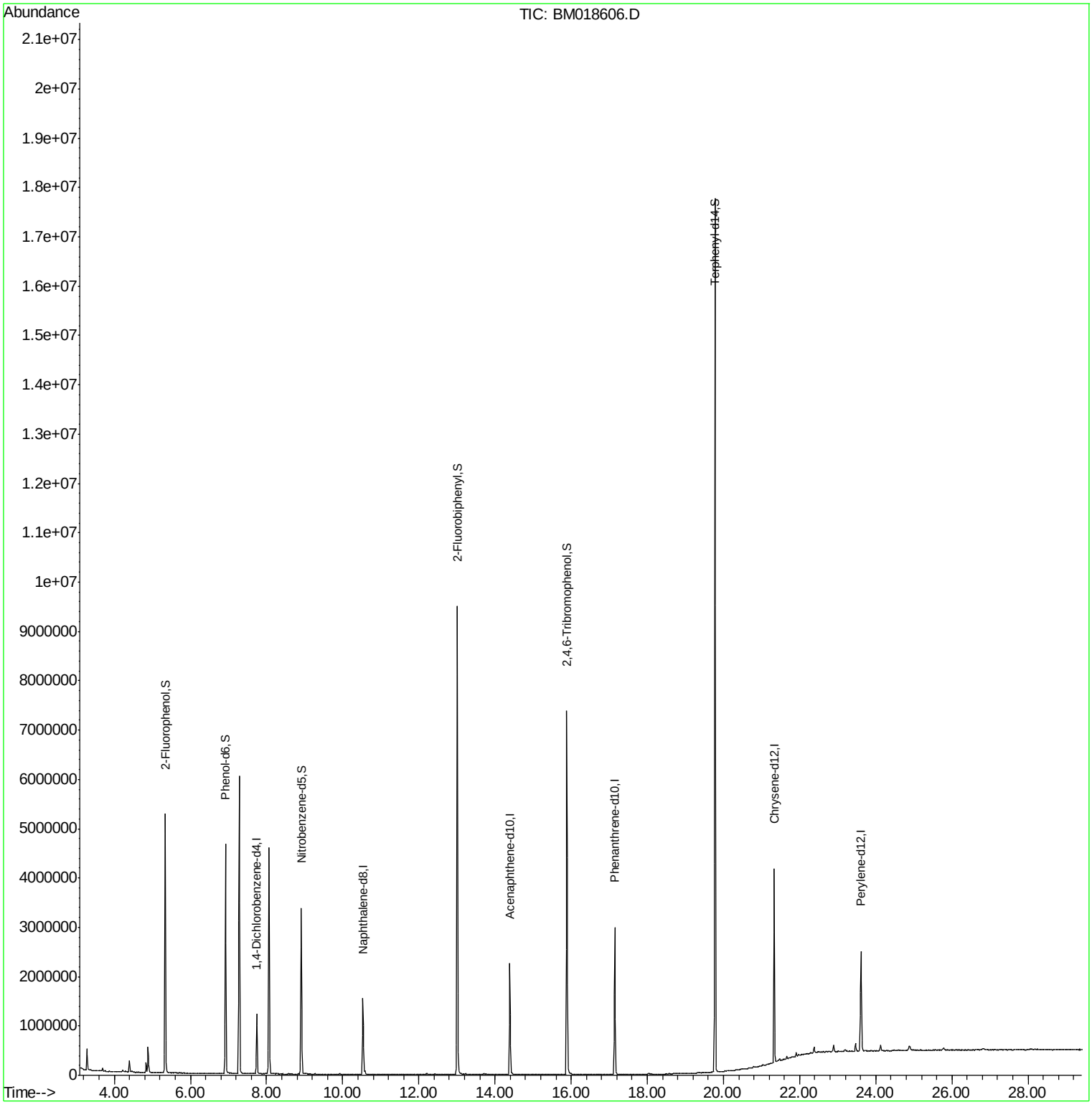
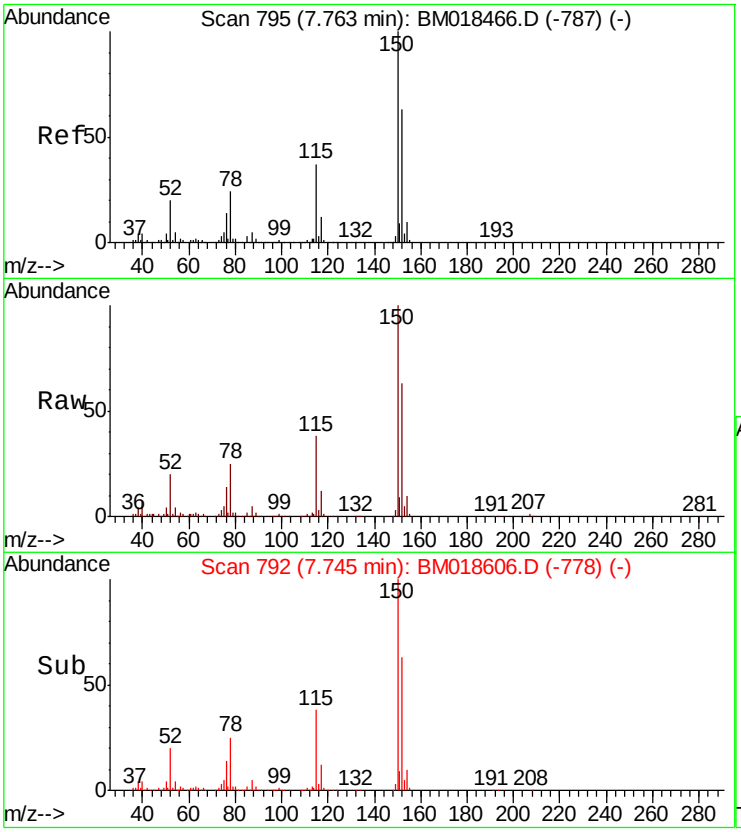


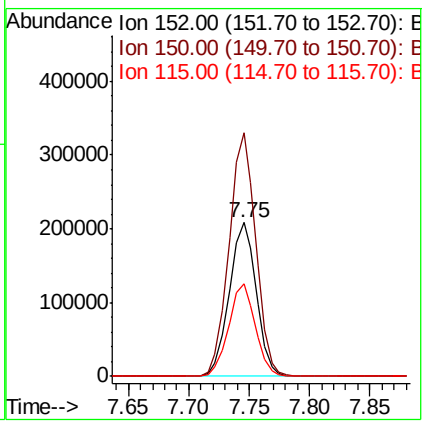


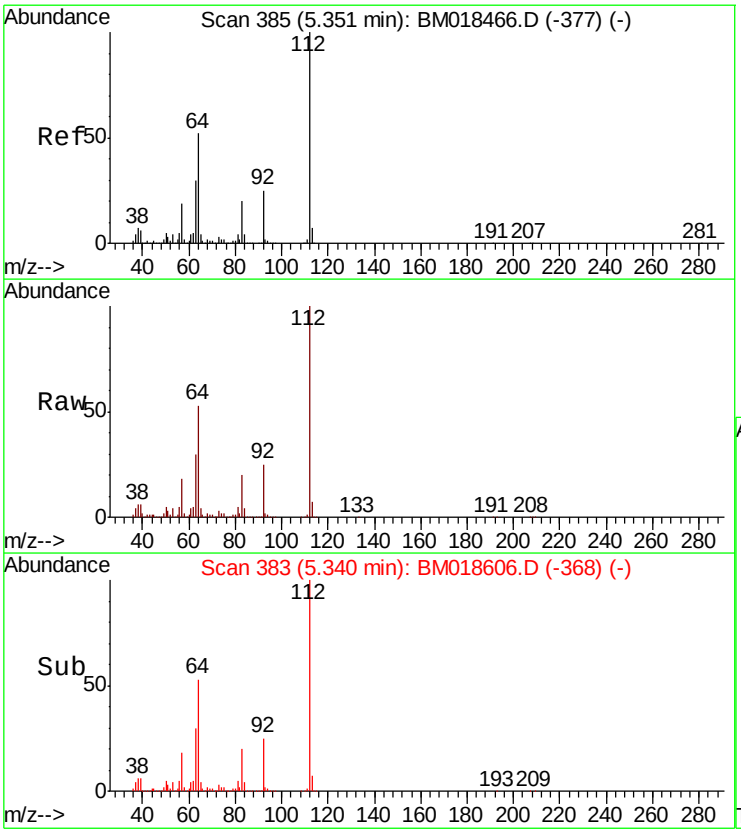
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 323838

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.9	190.3
115	60.2	45.5	68.3

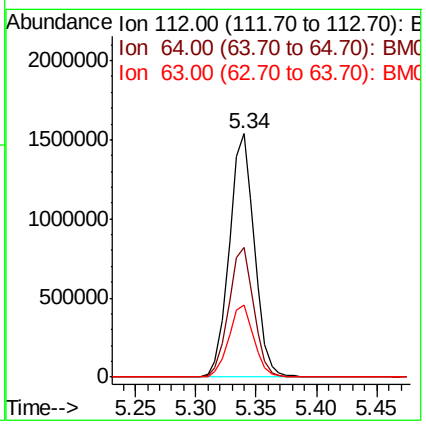


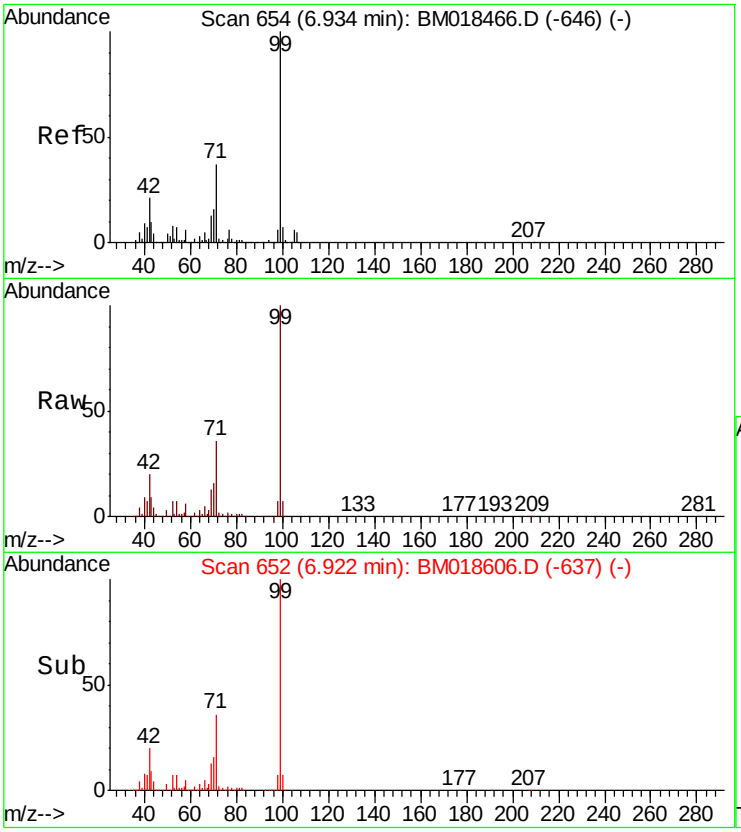


#5
2-Fluorophenol
Concen: 126.909 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Tgt Ion:112 Resp: 2225725

Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.5	69.7
63	29.5	25.2	37.8



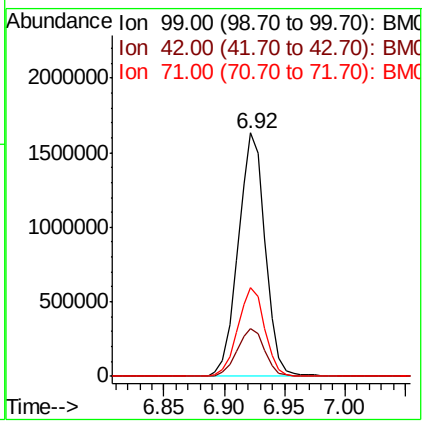


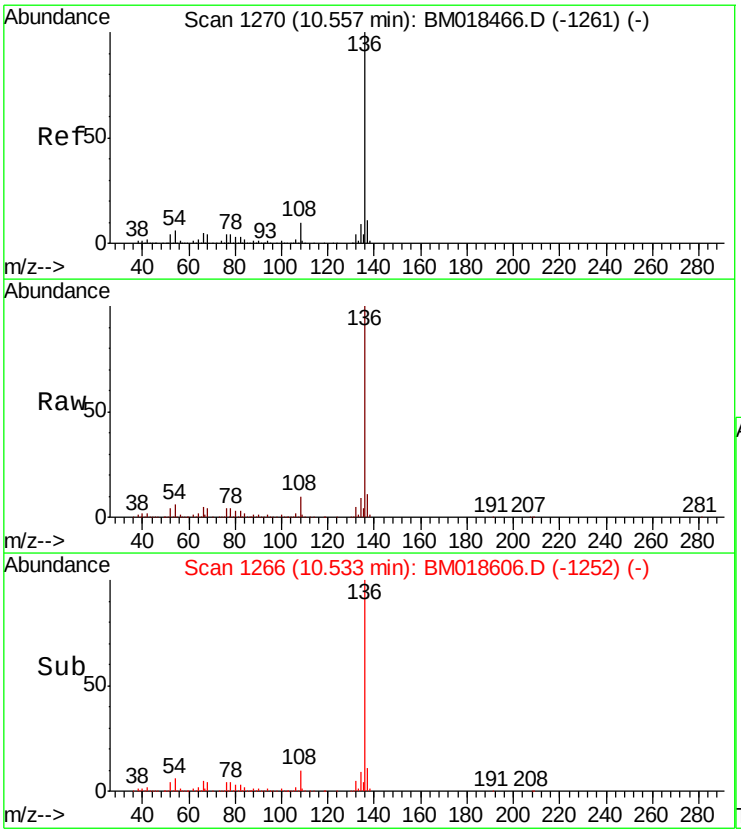
#7
Phenol-d6
Concen: 114.283 ng
RT: 6.92 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 2545704

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	36.4	28.0	42.0

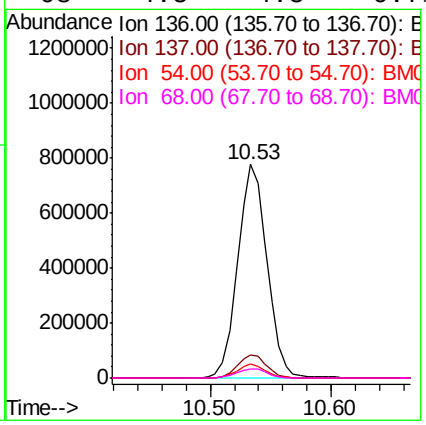


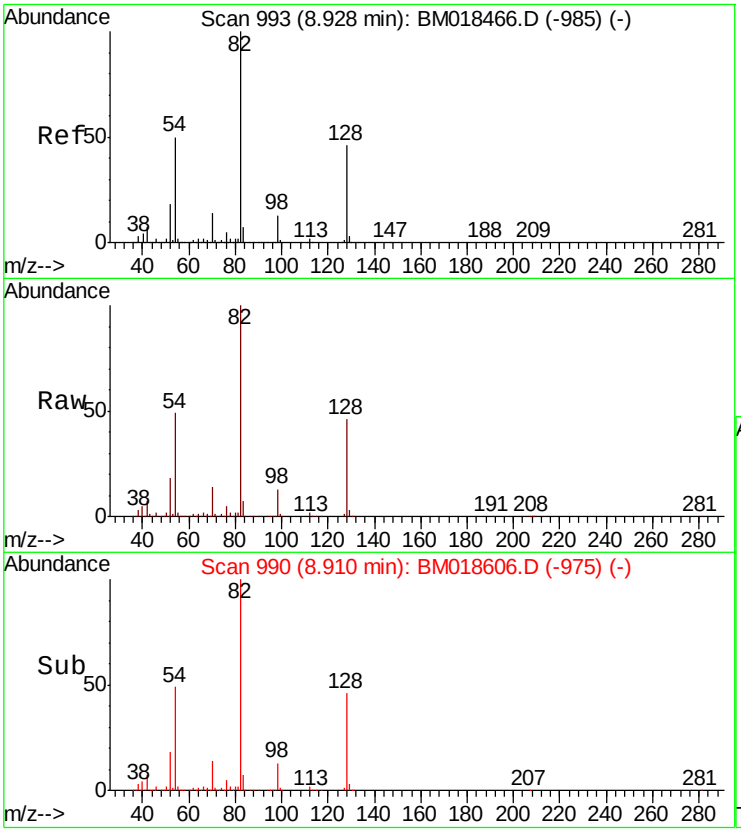


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Tgt Ion:136 Resp: 1311969

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.4	6.0	9.0
68	4.5	4.5	6.7#



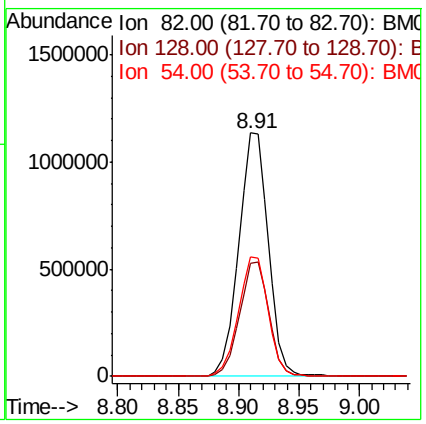


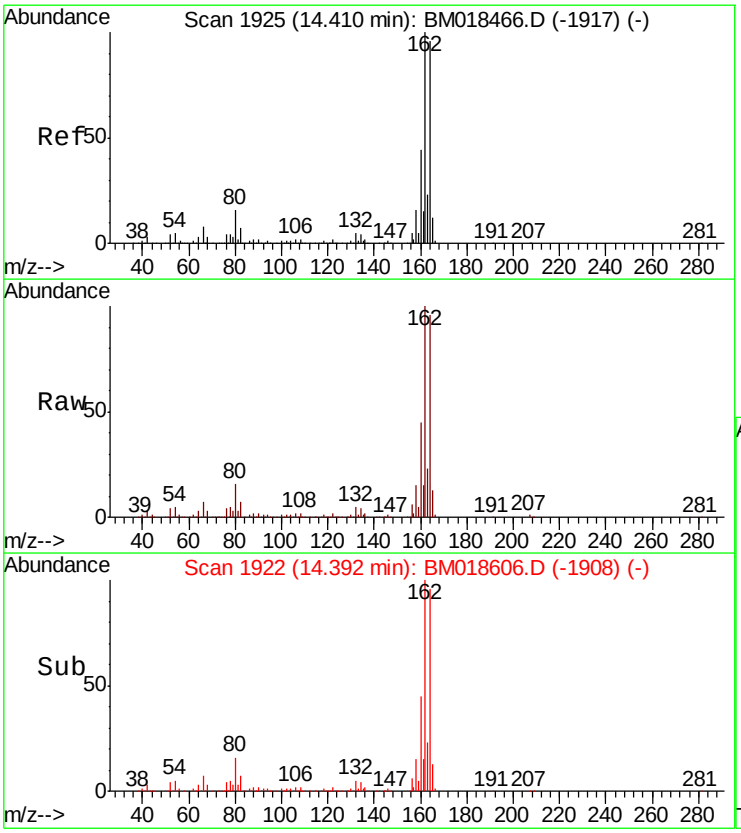
#23
Nitrobenzene-d5
Concen: 85.835 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion: 82 Resp: 1942579

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	49.0	41.7	62.5

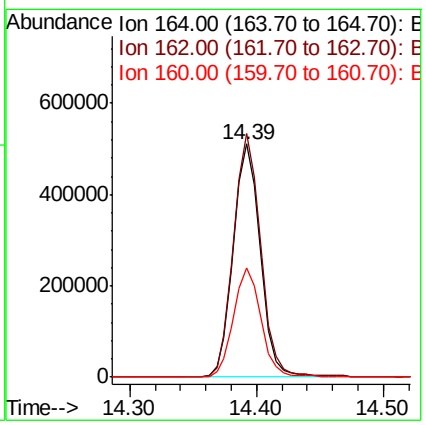


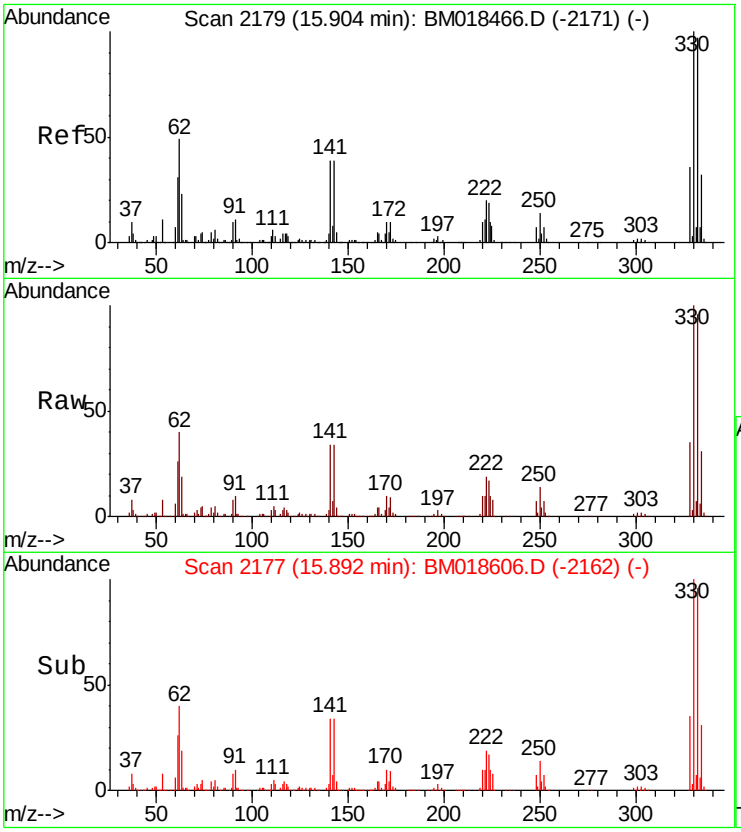


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Tgt Ion:164 Resp: 751331

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.4
160	46.9	37.1	55.7



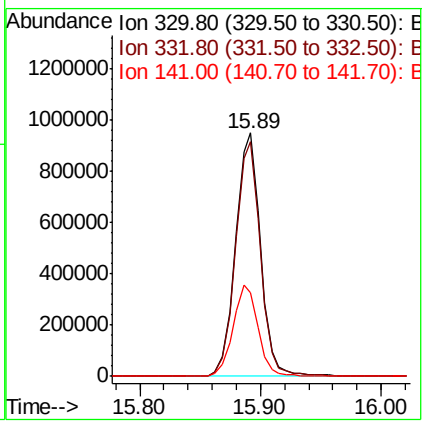


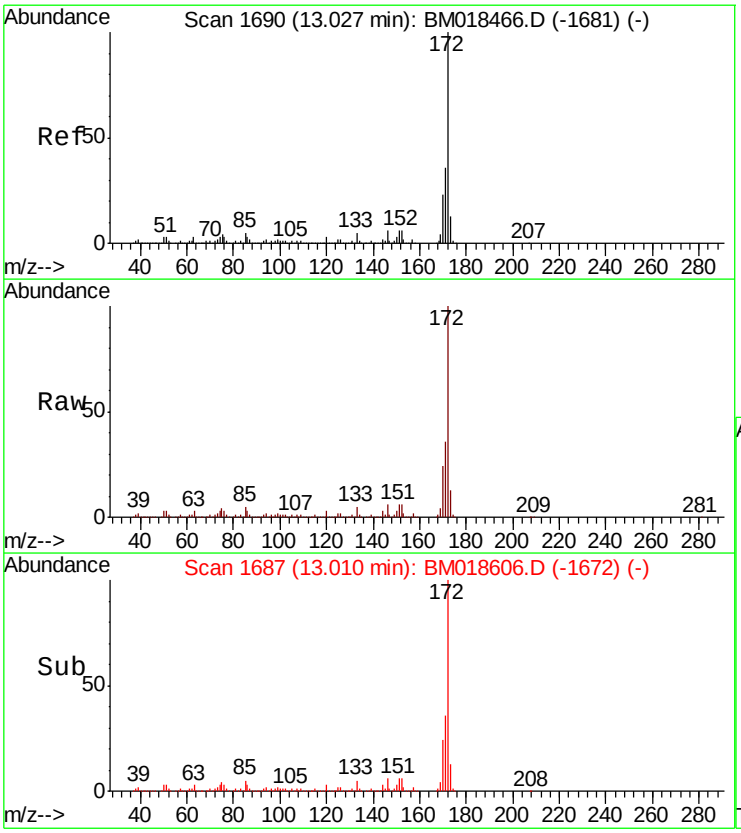
#42
2,4,6-Tribromophenol
Concen: 142.455 ng
RT: 15.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:330 Resp: 1362798

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	37.8	31.7	47.5

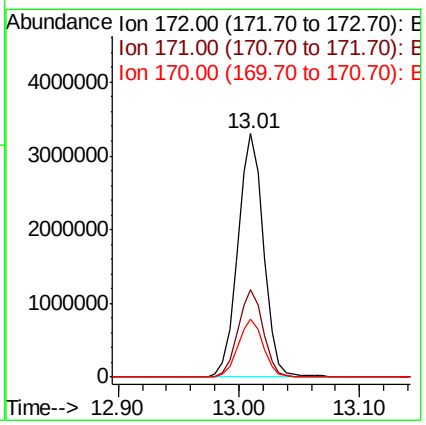


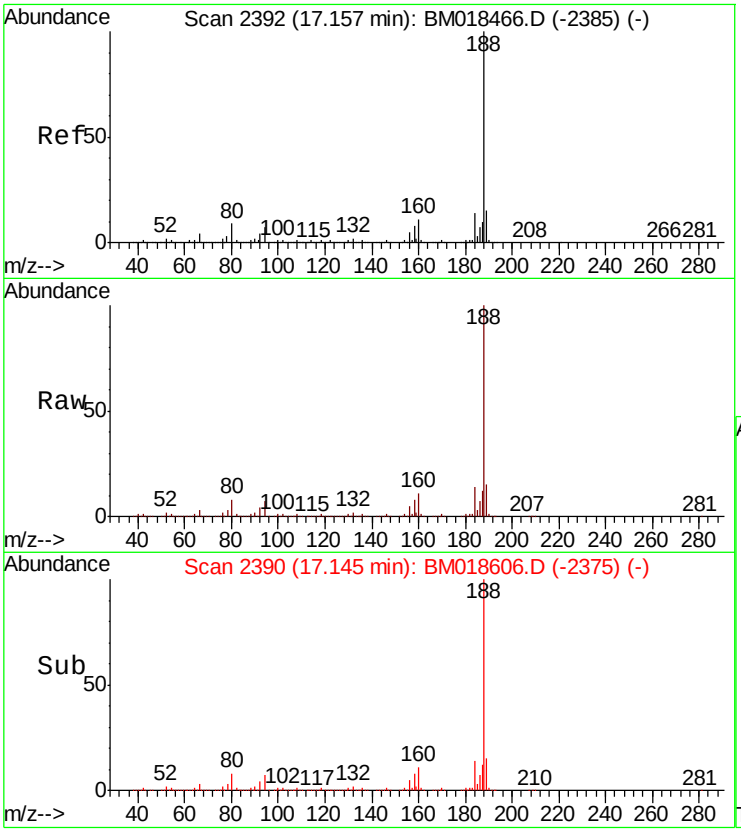


#45
2-Fluorobiphenyl
Concen: 85.214 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Tgt Ion:172 Resp: 4906574

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.7	18.9	28.3



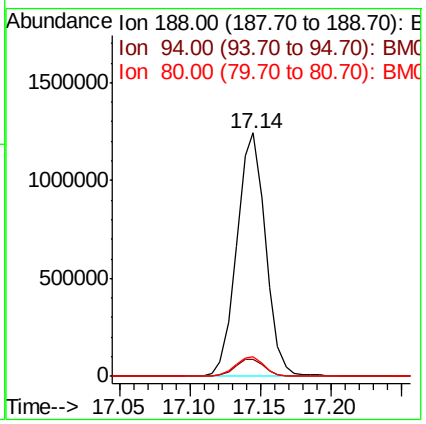


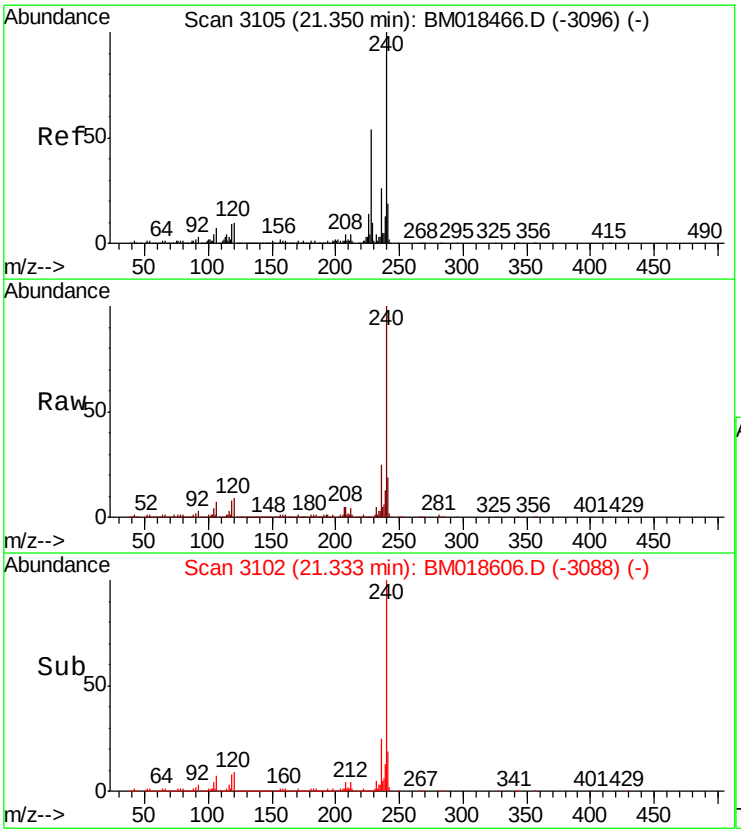
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:188 Resp: 1764266

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.1	10.7#
80	7.8	7.6	11.4

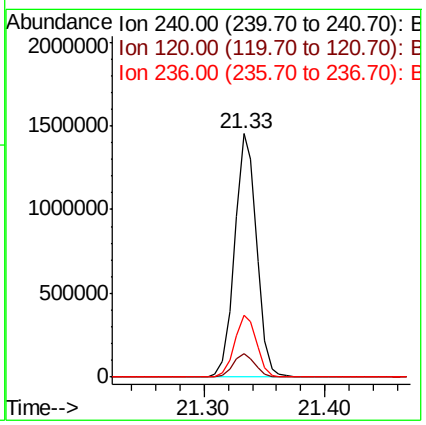


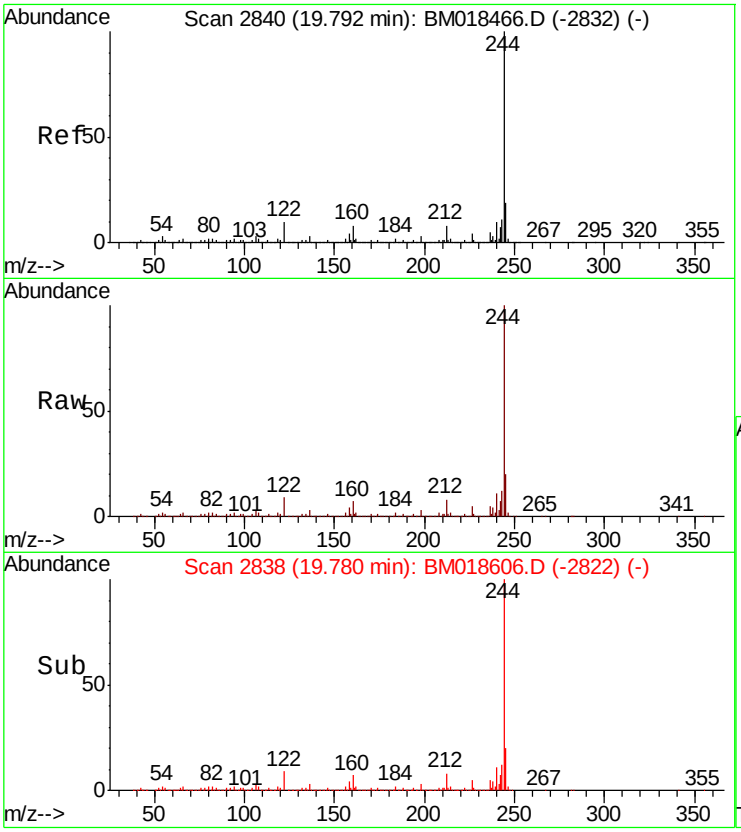


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Tgt Ion:240 Resp: 1839964

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	25.5	20.7	31.1



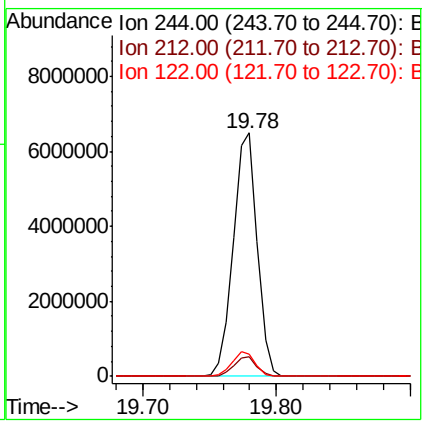


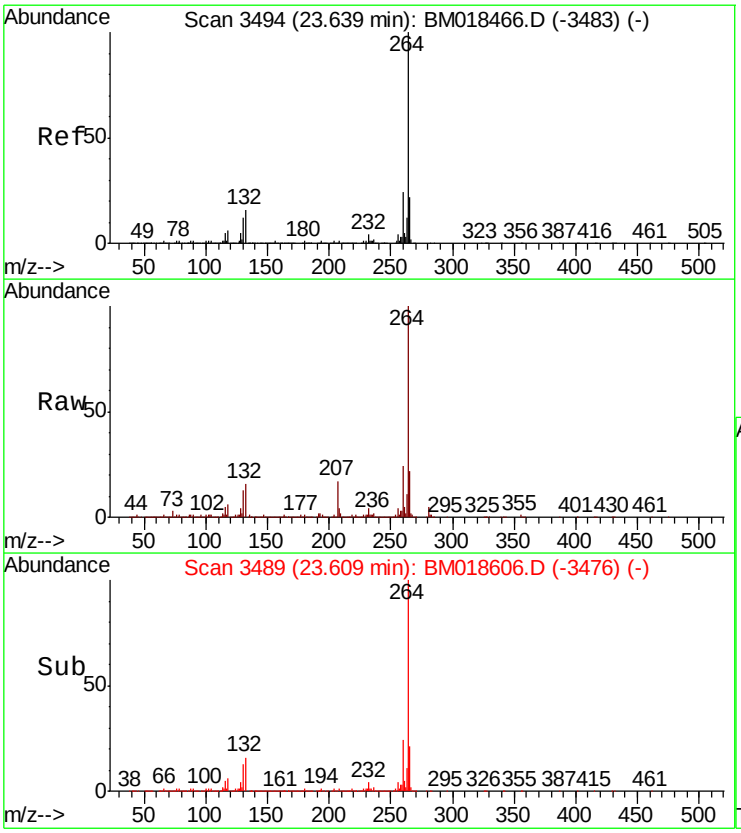
#79
Terphenyl-d14
Concen: 93.131 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:244 Resp: 8128802

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3489
Delta R.T. -0.02 min
Lab File: BM018606.D
Acq: 17 Jan 2019 06:11

Tgt Ion:264 Resp: 1479104

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	16.8	25.2