Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019011.D
Acq On : 04 Mar 2019 16:05
Operator : JU/SJ
Sample : K1650-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 05 03:33:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	242431	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	948407	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	552299	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1212567	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	984850	20.00	ng	-0.02
87) Perylene-d12	23.53	264	915740	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1026241	69.36	ng	-0.03
7) Phenol-d6	6.86	99	887581	42.58	ng	-0.03
23) Nitrobenzene-d5	8.85	82	2050645	99.98	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1253216	157.41	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4092936	98.38	ng	-0.04
79) Terphenyl-d14	19.73	244	5906409	123.72	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.86	77	2647	Below Cal		# 7

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

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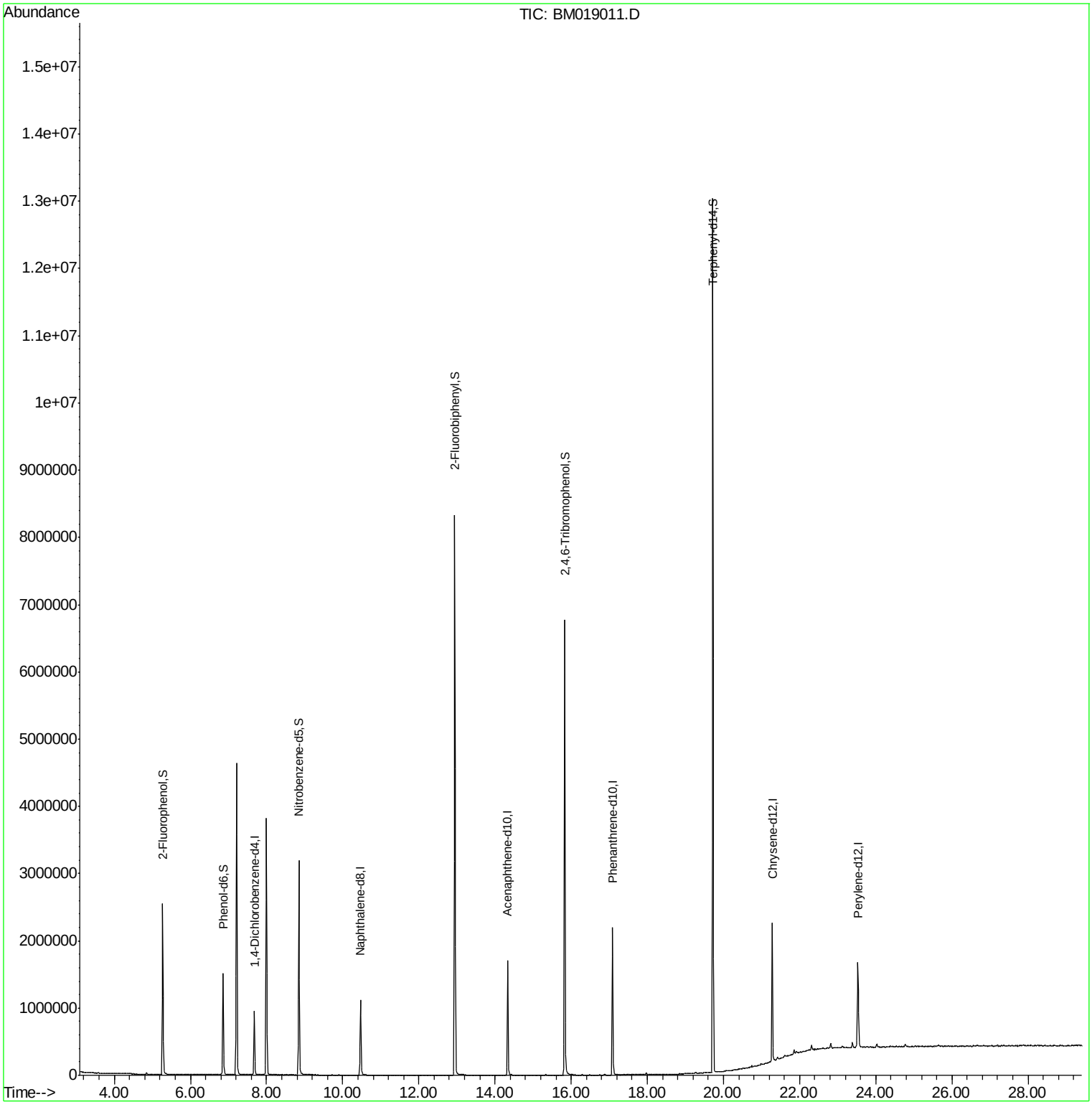
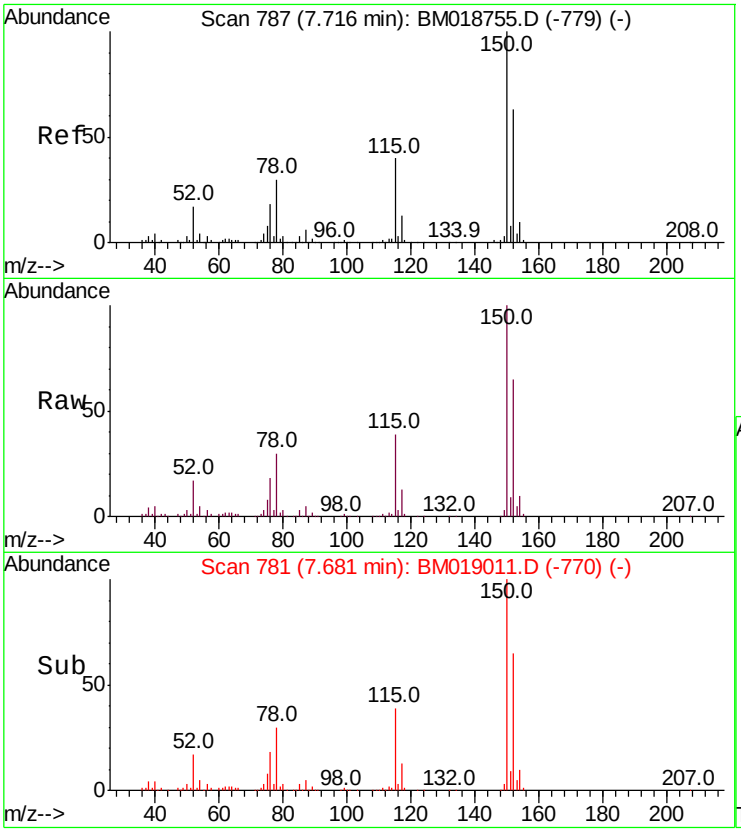


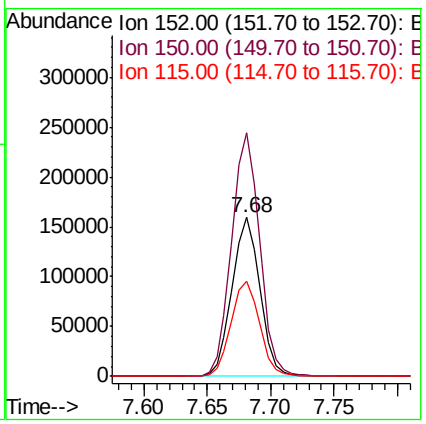


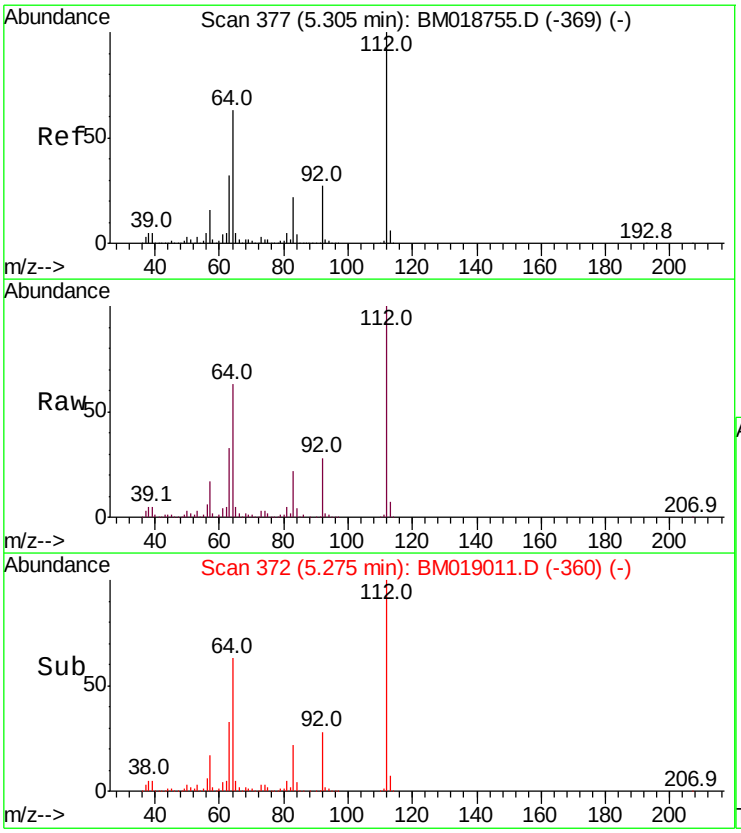
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 242431

Ion	Ratio	Lower	Upper
152	100		
150	153.5	127.3	190.9
115	60.3	50.8	76.2

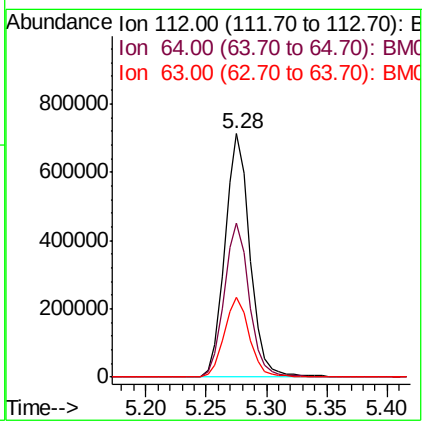


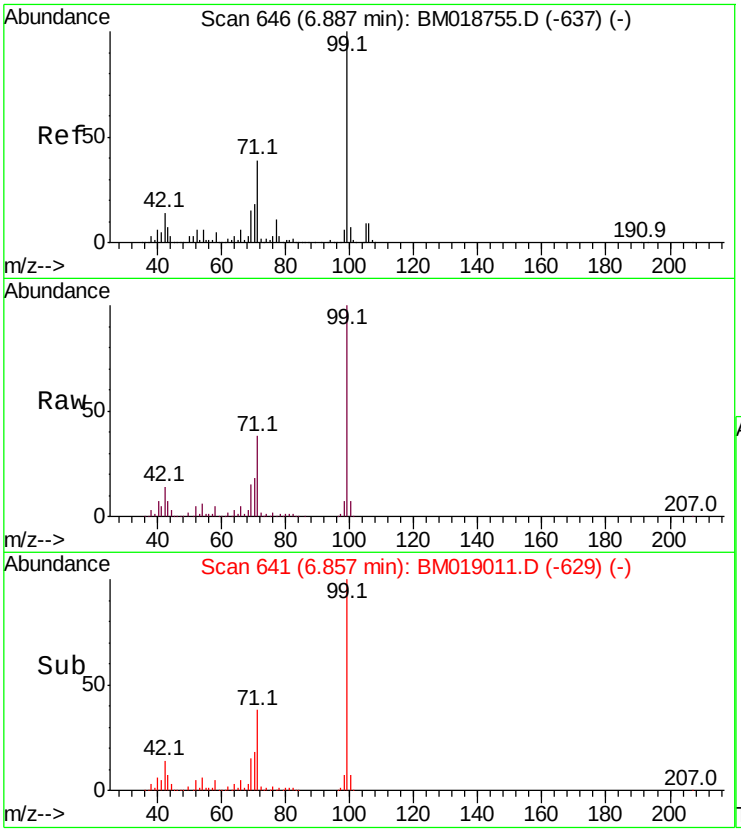


#5
2-Fluorophenol
Concen: 69.359 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:112 Resp: 1026241

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	75.8
63	32.6	25.7	38.5



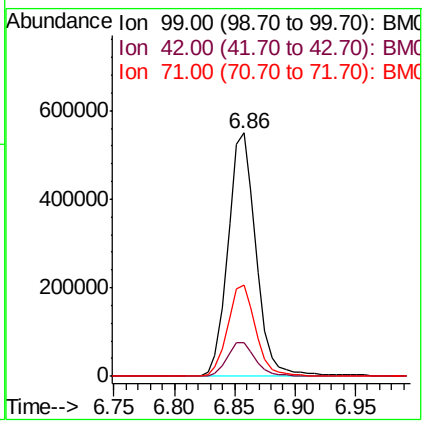


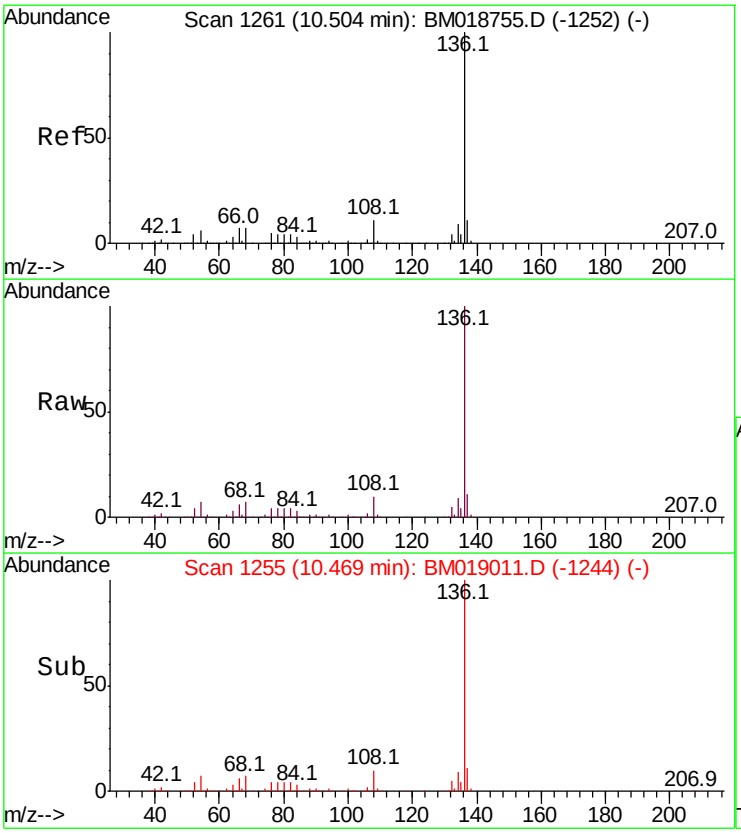
#7
Phenol-d6
Concen: 42.582 ng
RT: 6.86 min Scan# 641
Delta R.T. -0.03 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 887581

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	37.7	31.3	46.9

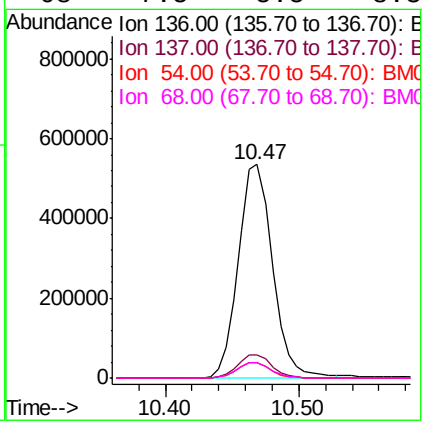


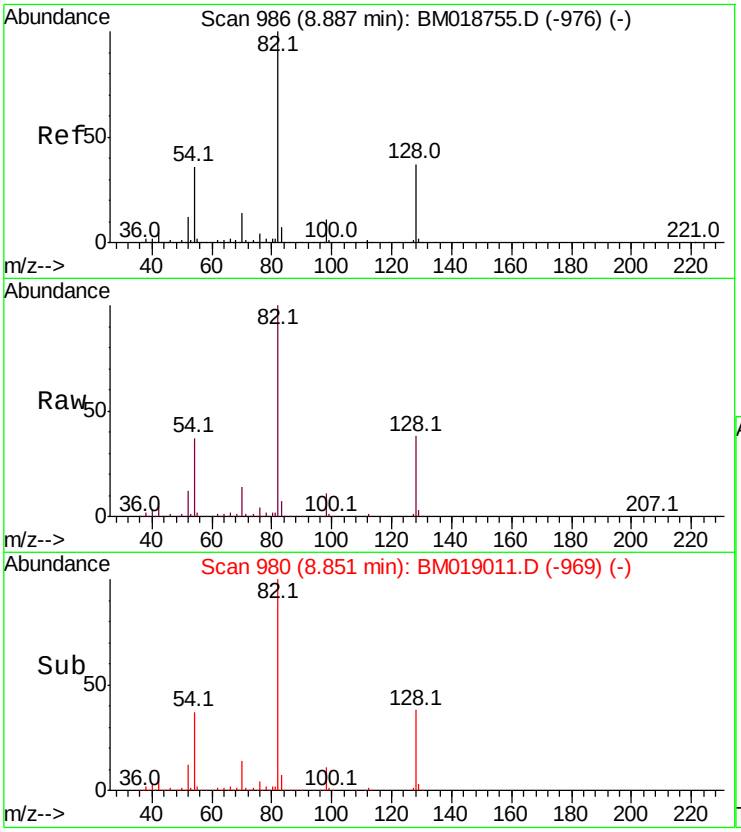


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:136 Resp: 948407

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.0	7.6
68	7.5	5.5	8.3



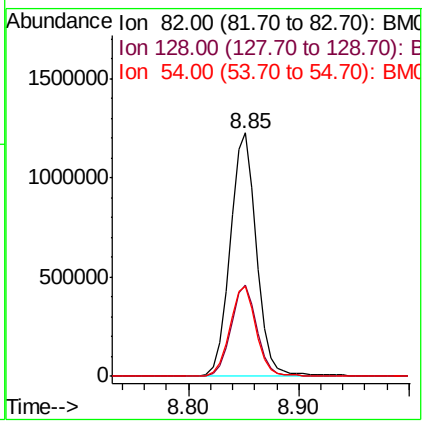


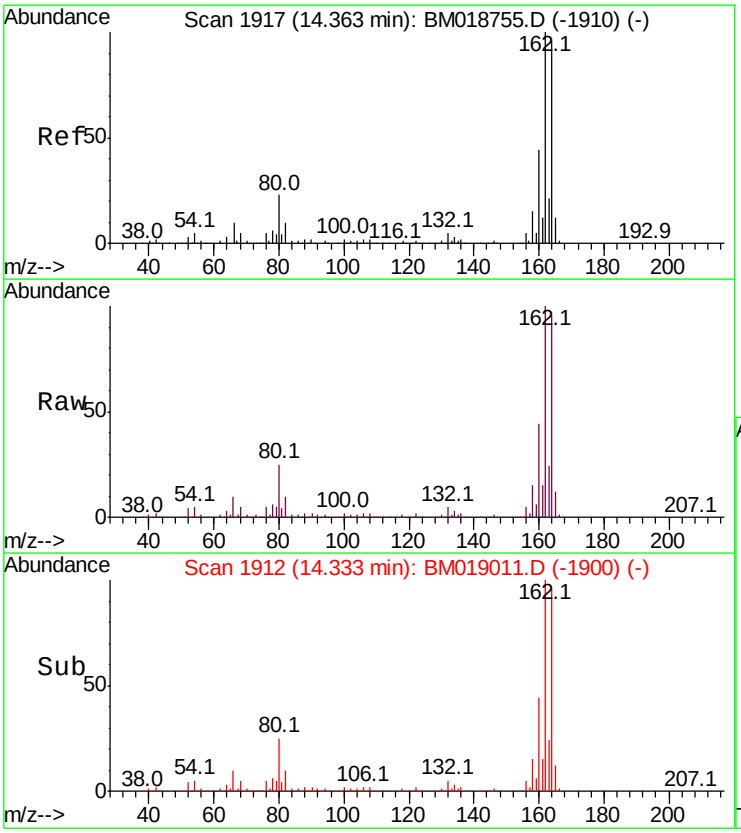
#23
Nitrobenzene-d5
Concen: 99.977 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 2050645

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.9	44.9
54	37.0	29.1	43.7

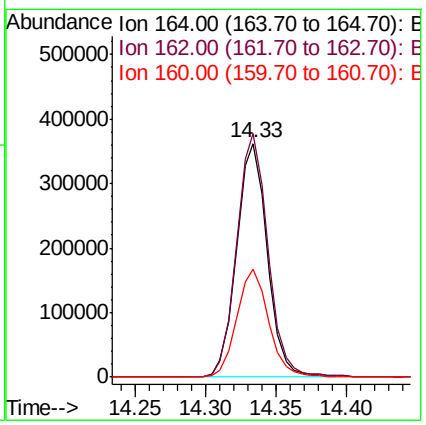


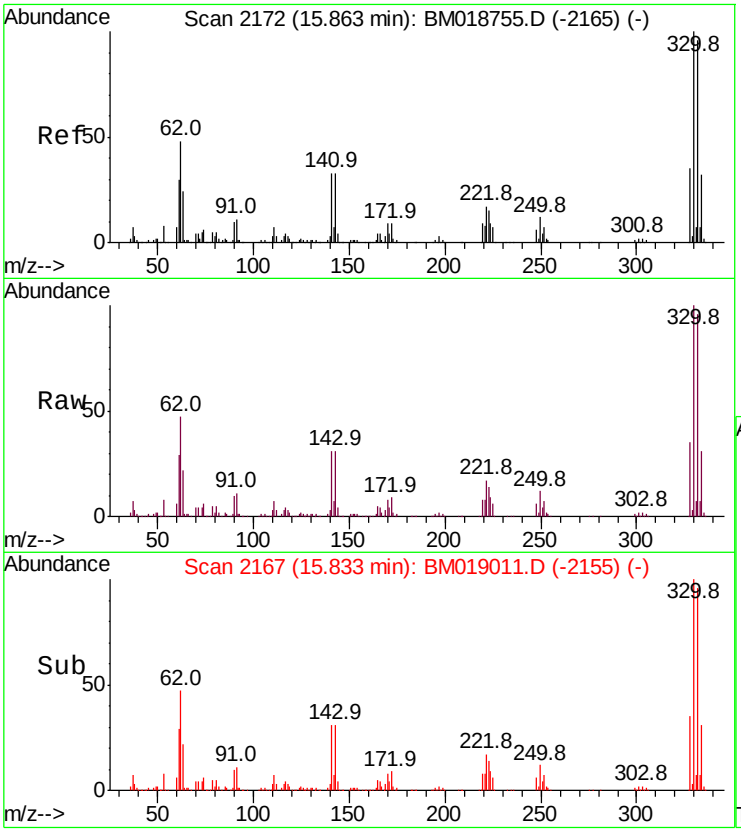


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:164 Resp: 552299

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	46.0	36.6	55.0



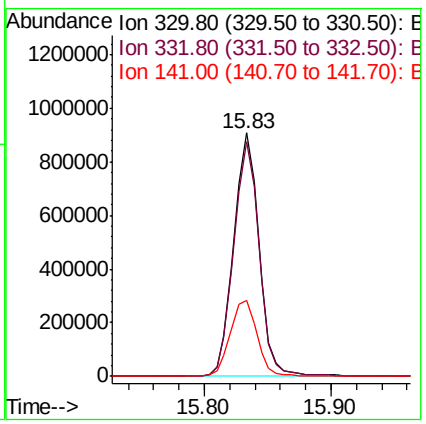


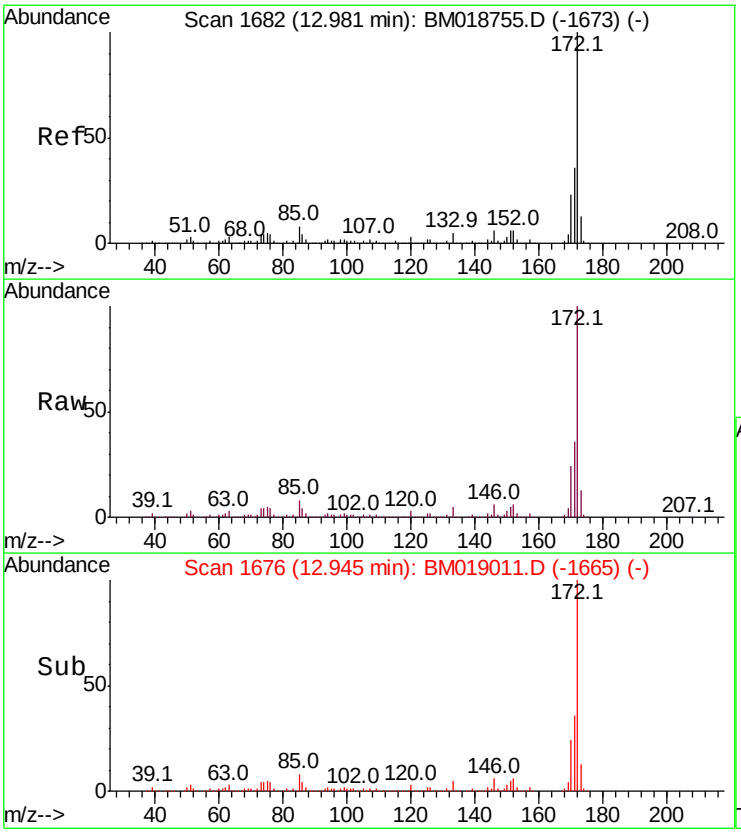
#42
2,4,6-Tribromophenol
Concen: 157.415 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 1253216

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	33.3	28.7	43.1

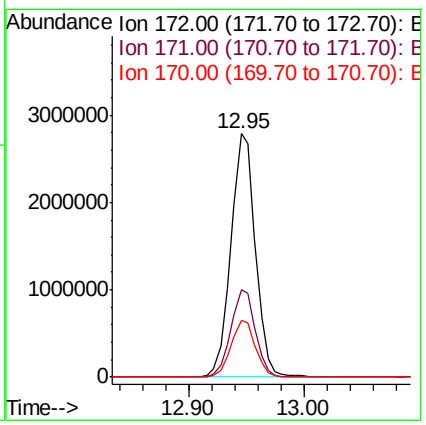


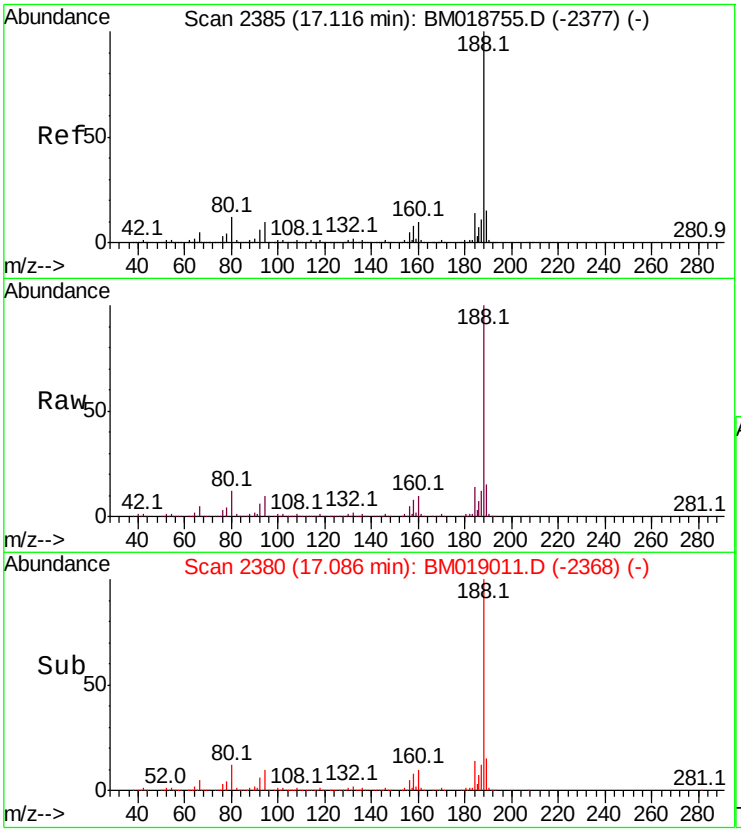


#45
2-Fluorobiphenyl
Concen: 98.376 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:172 Resp: 4092936

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.6	18.6	28.0



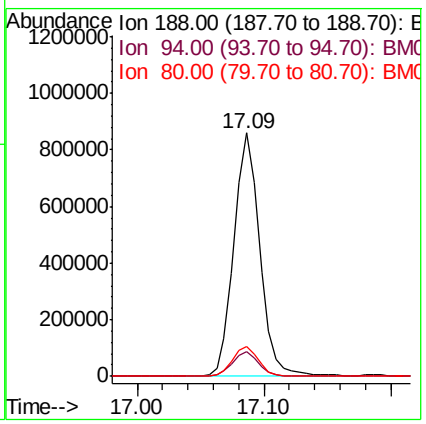


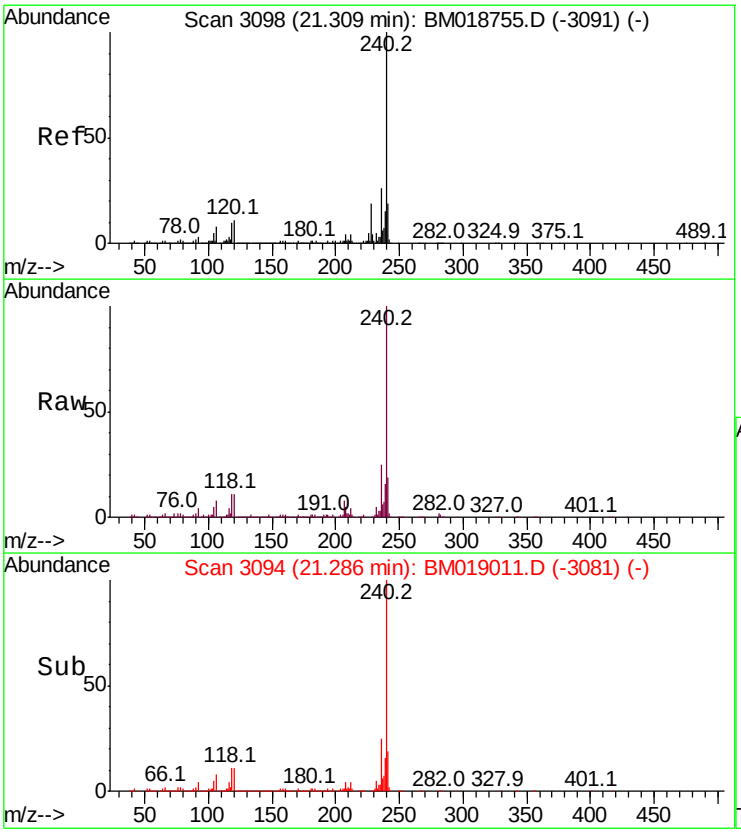
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1212567

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	12.3	9.7	14.5

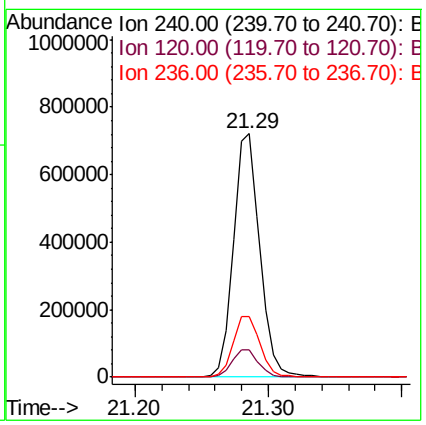


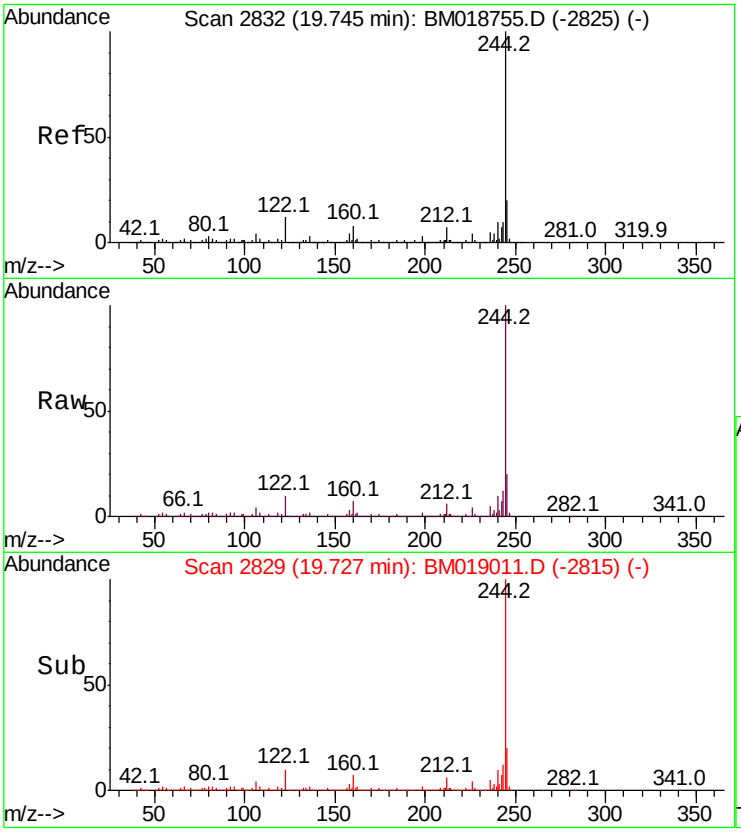


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:240 Resp: 984850

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.0	20.9	31.3



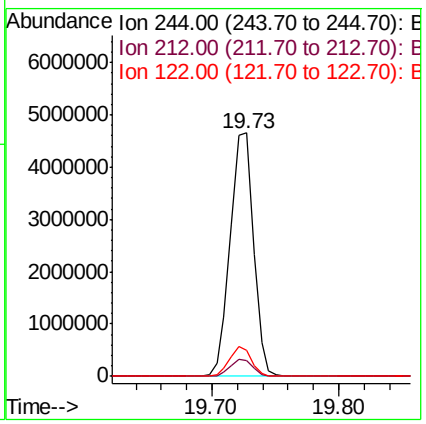


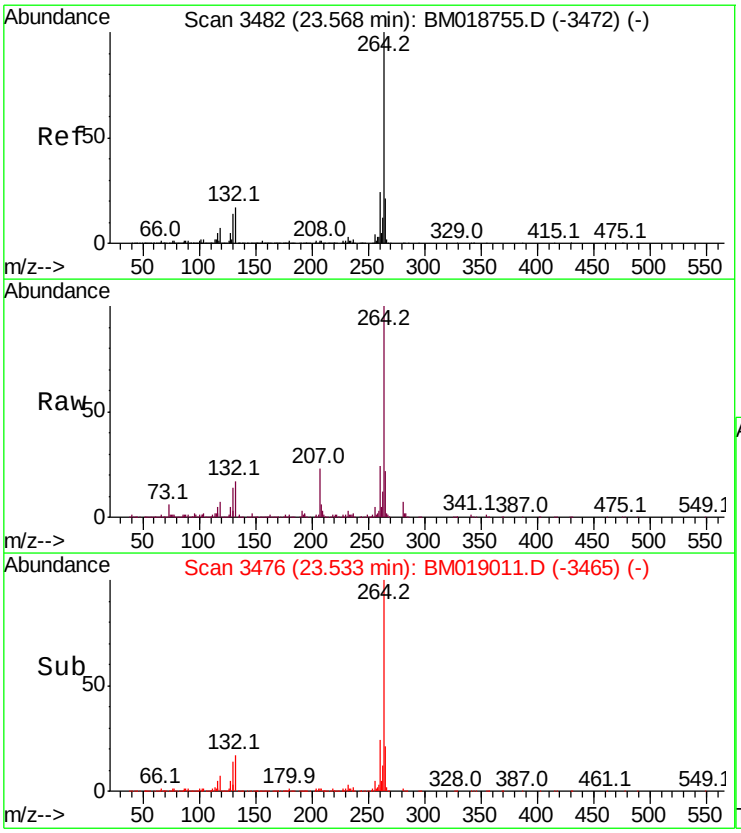
#79
Terphenyl-d14
Concen: 123.717 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 5906409

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.4	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:264 Resp: 915740

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.3	25.9