Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
Data File : BM017556.D
Acq On : 07 Nov 2018 12:48
Operator : MJ/SJ
Sample : J5805-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-SAMPLES(26-30)

Quant Time: Nov 07 13:45:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	228304	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	848009	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	500789	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1266050	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1528820	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1527850	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1545486	114.49	ng	-0.01
7) Phenol-d6	6.81	99	1820030	99.00	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1407212	97.05	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1031502	152.31	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3247862	86.29	ng	-0.02
79) Terphenyl-d14	19.66	244	6356941	93.72	ng	-0.02
Target Compounds						Qvalue

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

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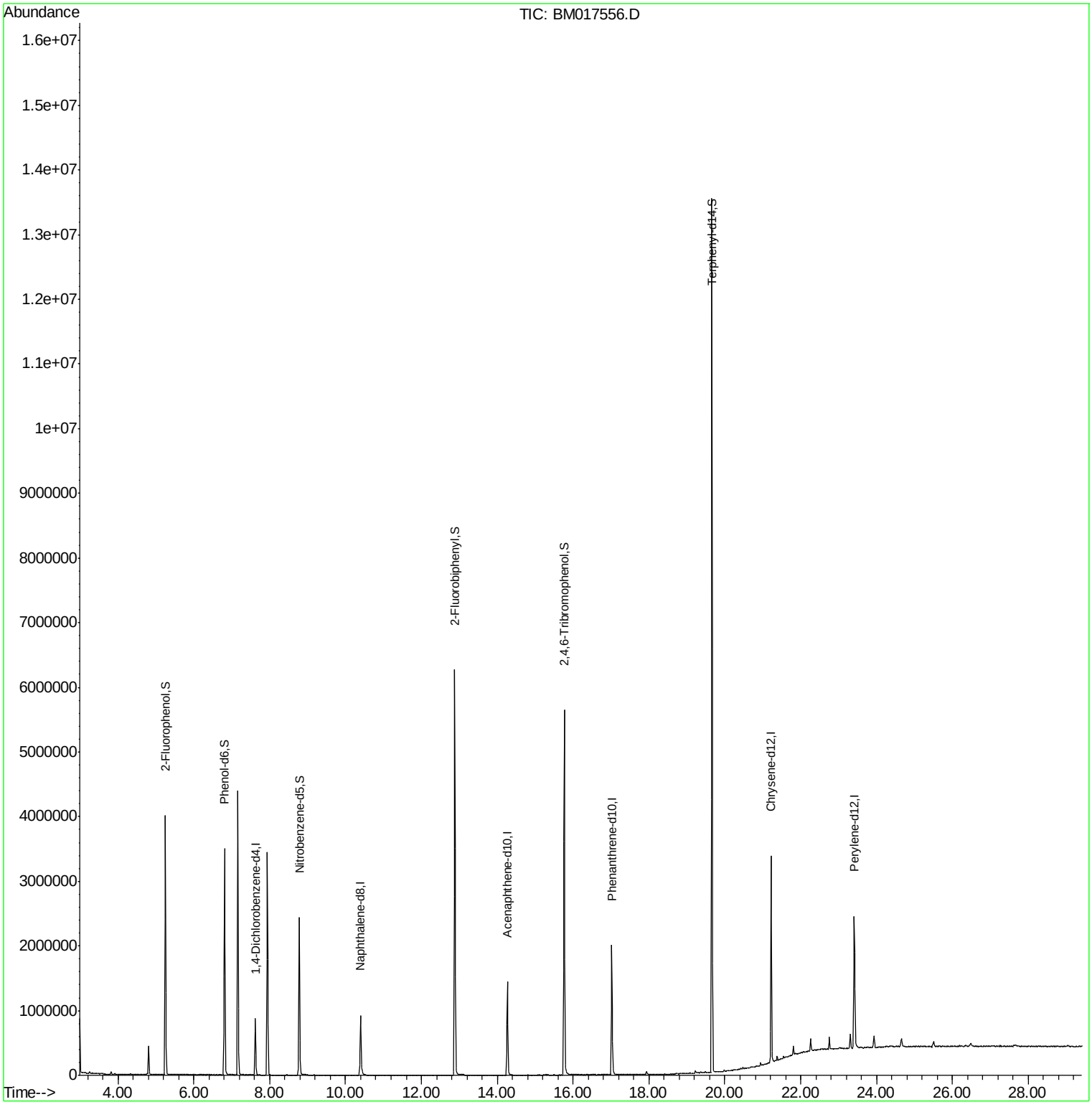
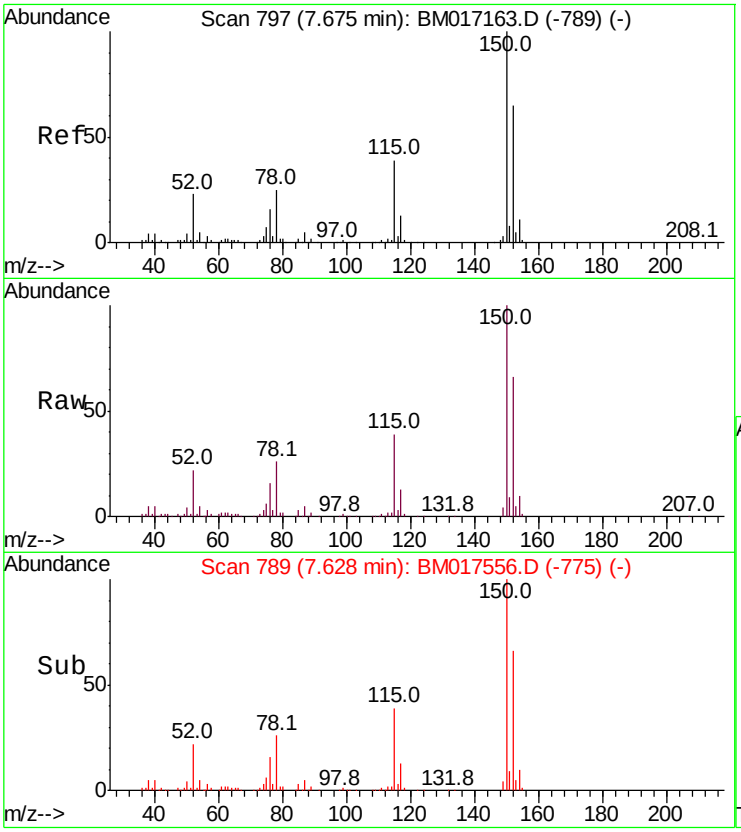


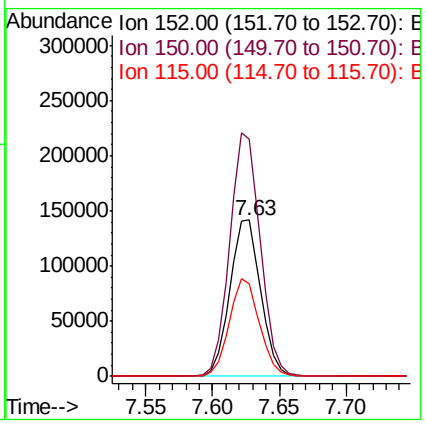


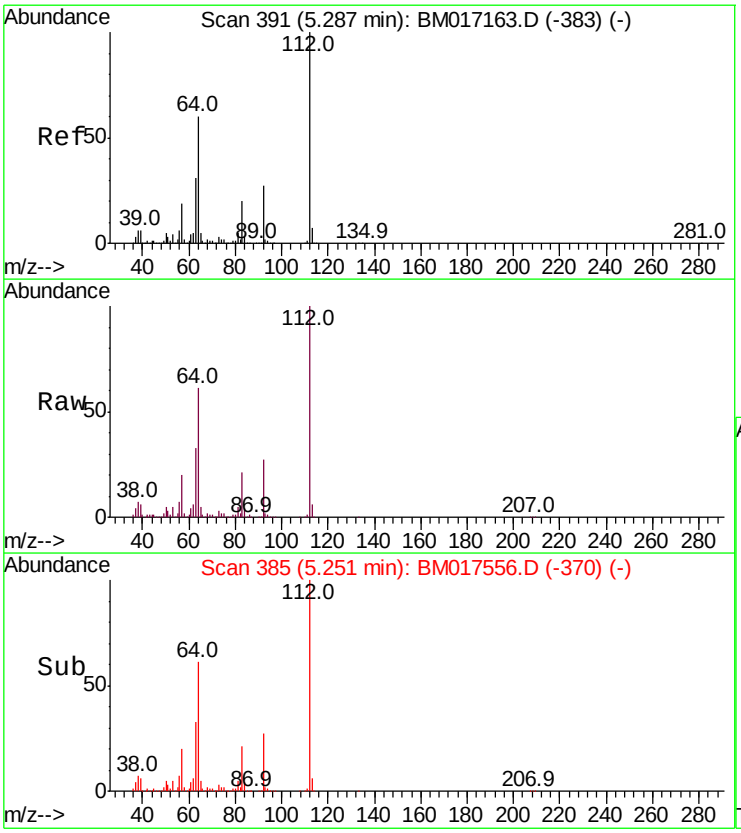
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:152 Resp: 228304

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.3	186.5
115	59.4	48.1	72.1

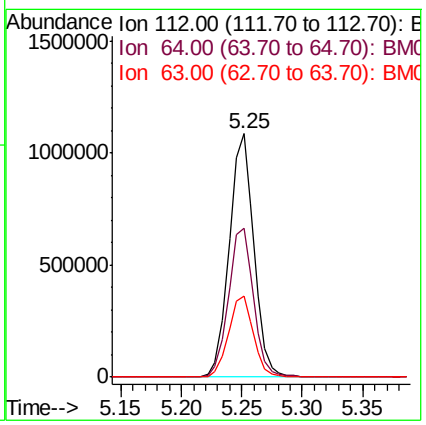


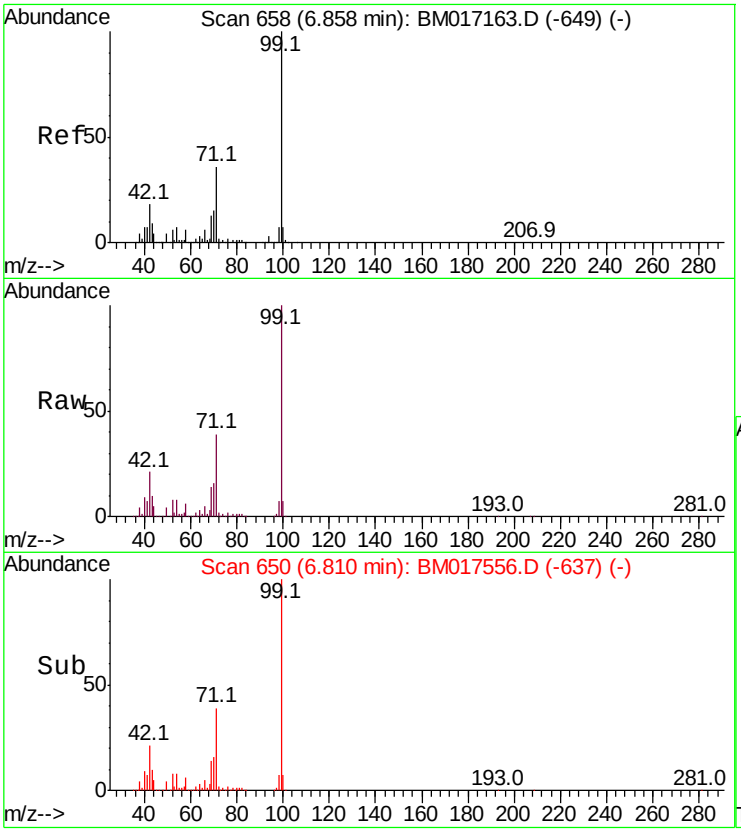


#5
2-Fluorophenol
Concen: 114.494 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Tgt Ion:112 Resp: 1545486

Ion	Ratio	Lower	Upper
112	100		
64	61.1	41.7	62.5
63	33.3	23.0	34.4



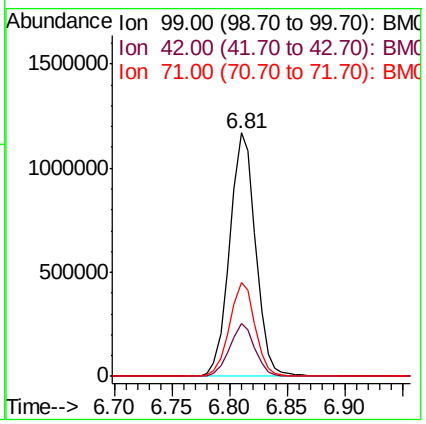


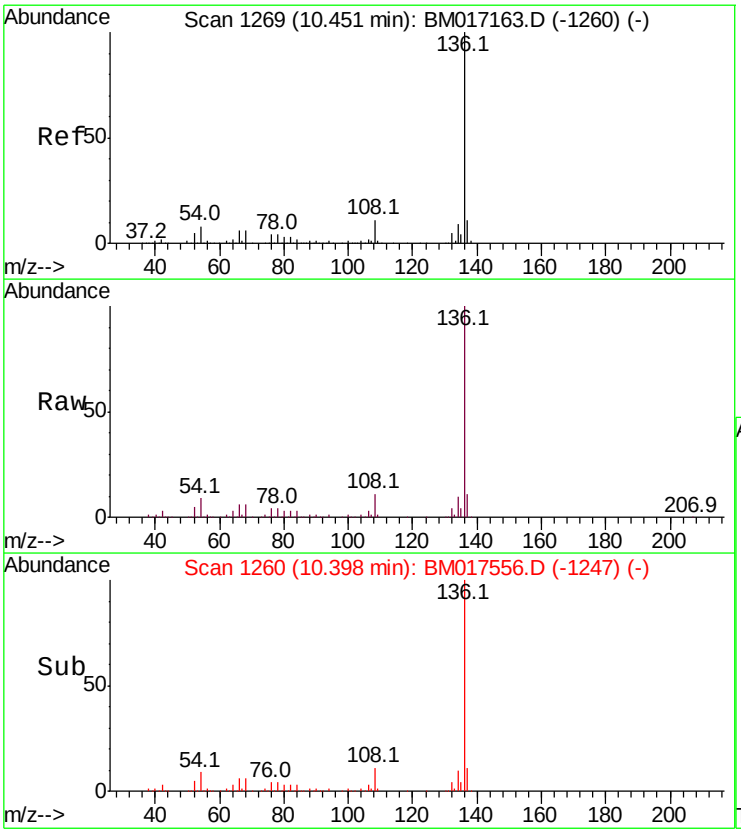
#7
Phenol-d6
Concen: 99.000 ng
RT: 6.81 min Scan# 650
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 99 Resp: 1820030

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.3	19.9#
71	38.6	28.0	42.0

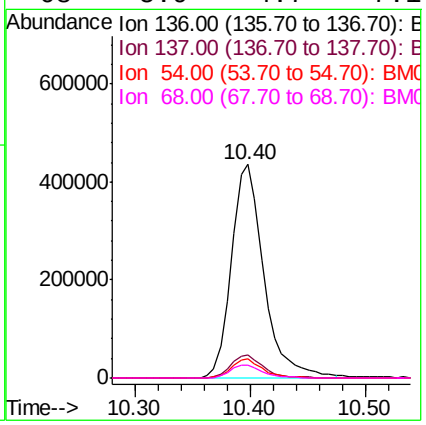


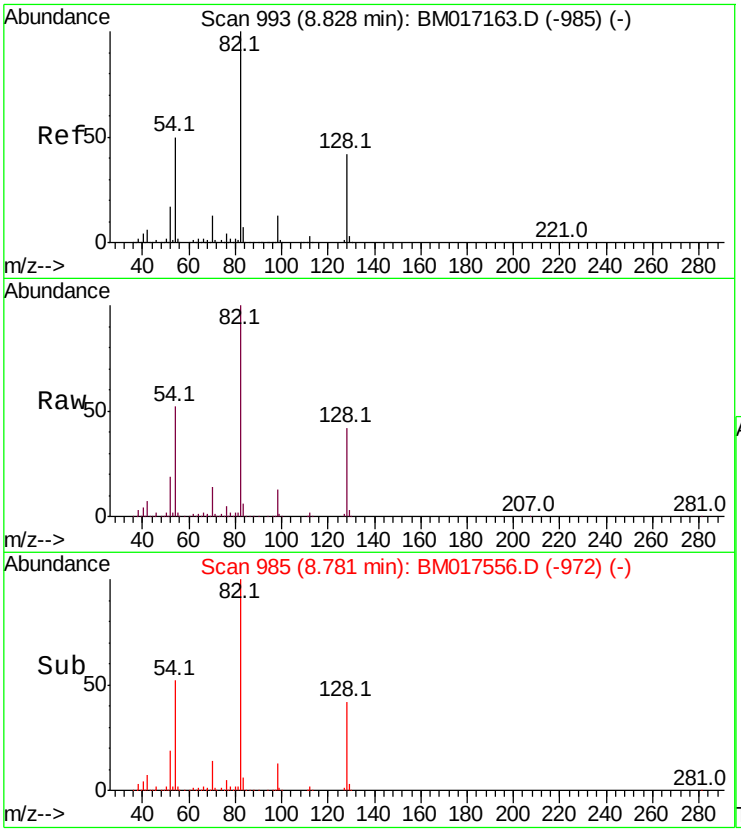


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Tgt Ion:136 Resp: 848009

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.7	6.7	10.1
68	5.9	4.7	7.1



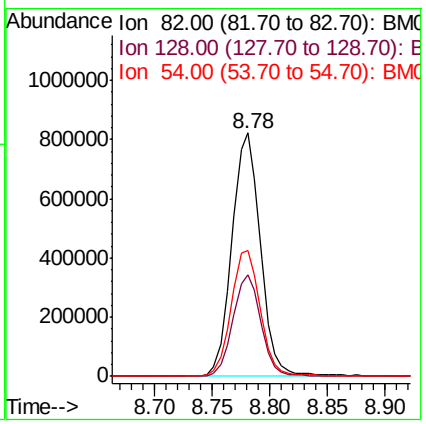


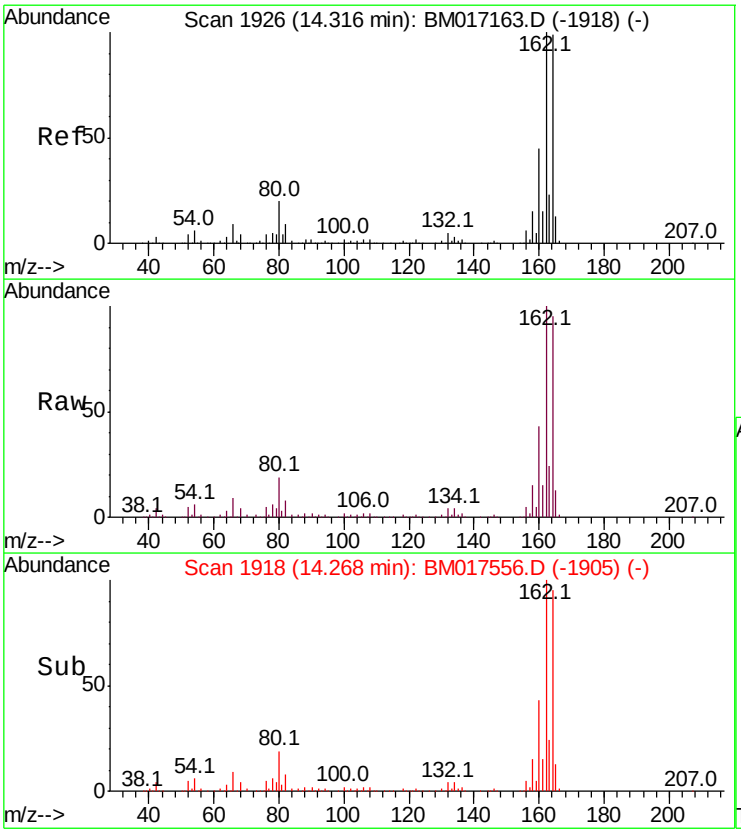
#23
Nitrobenzene-d5
Concen: 97.053 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion: 82 Resp: 1407212

Ion	Ratio	Lower	Upper
82	100		
128	41.6	37.0	55.6
54	51.7	40.7	61.1

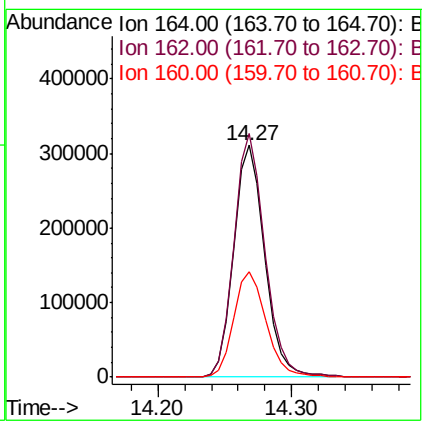


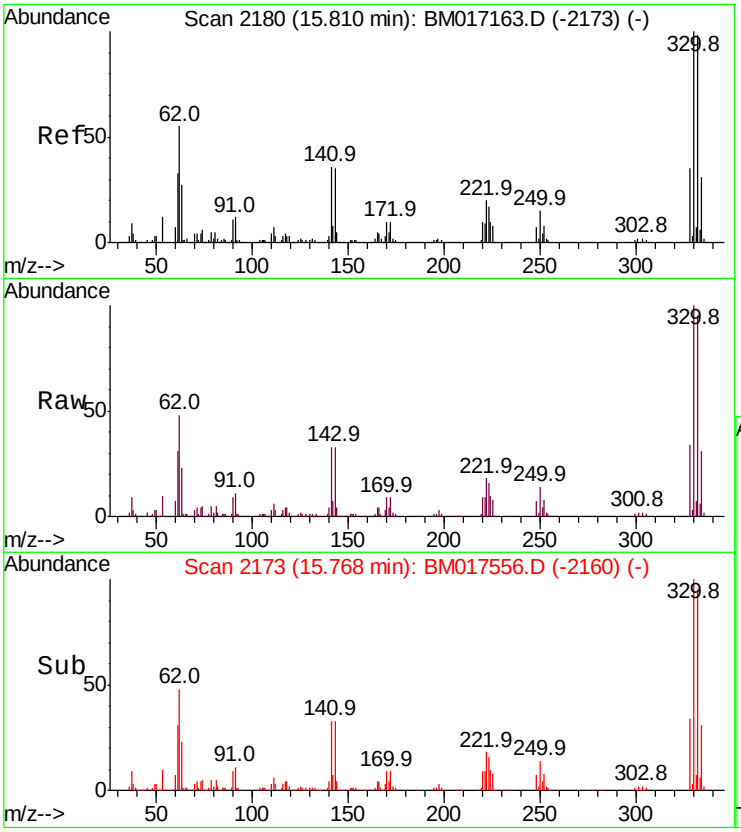


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Tgt Ion:164 Resp: 500789

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.1	123.1
160	45.6	40.2	60.2



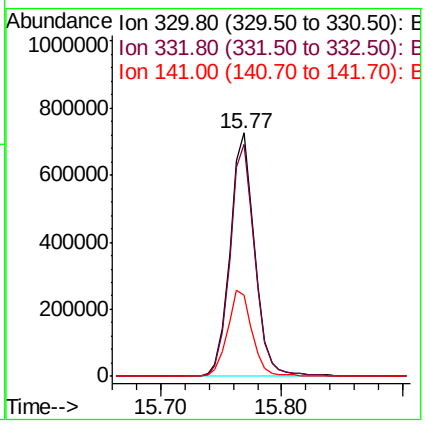


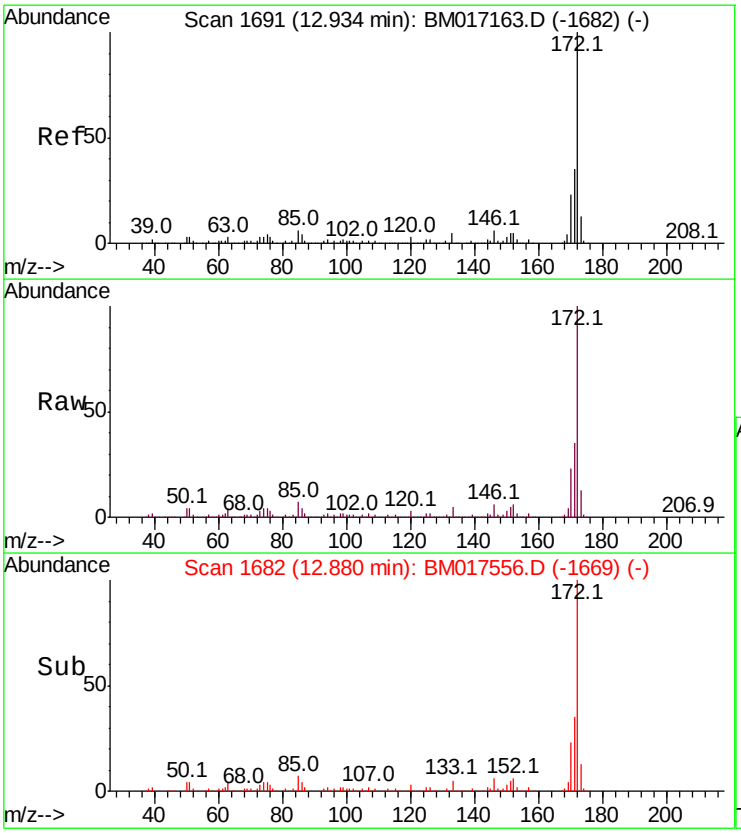
#42
2,4,6-Tribromophenol
Concen: 152.309 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:330 Resp: 1031502

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	35.7	27.4	41.0

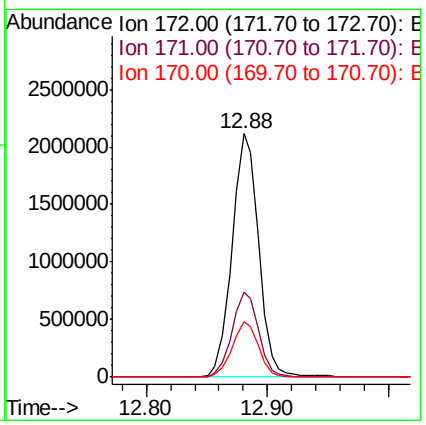


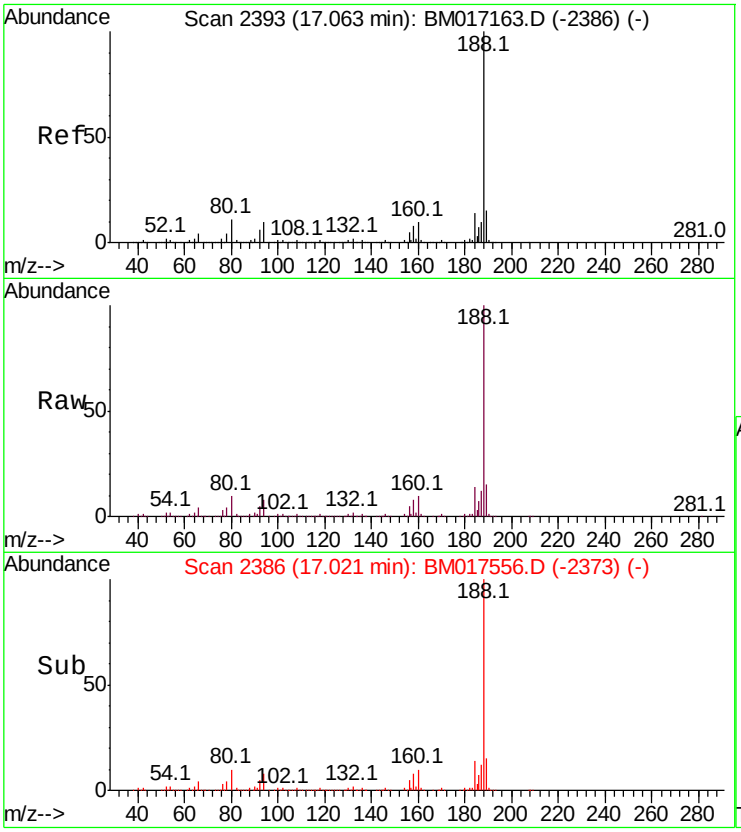


#45
2-Fluorobiphenyl
Concen: 86.292 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Tgt Ion:172 Resp: 3247862

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.6	18.3	27.5



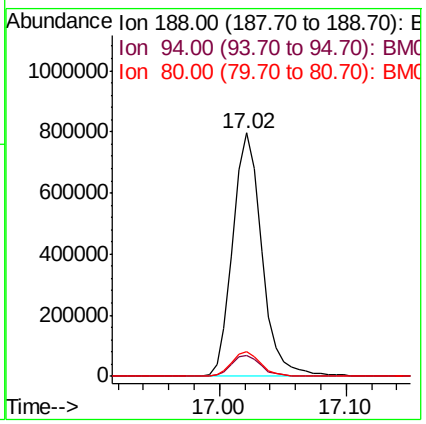


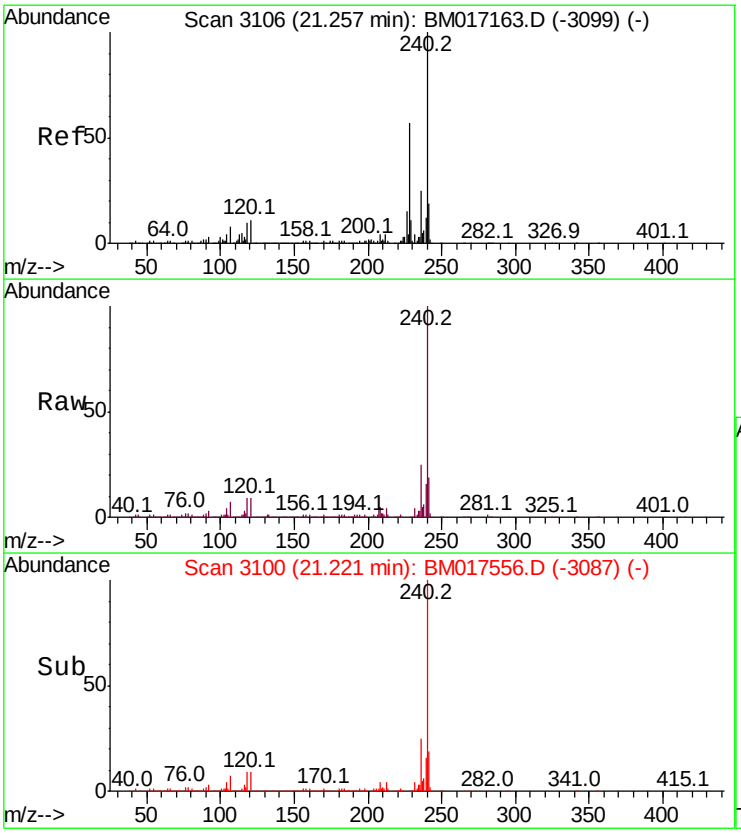
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:188 Resp: 1266050

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	10.4	7.7	11.5

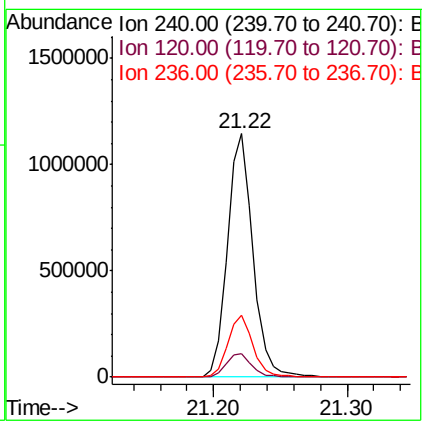


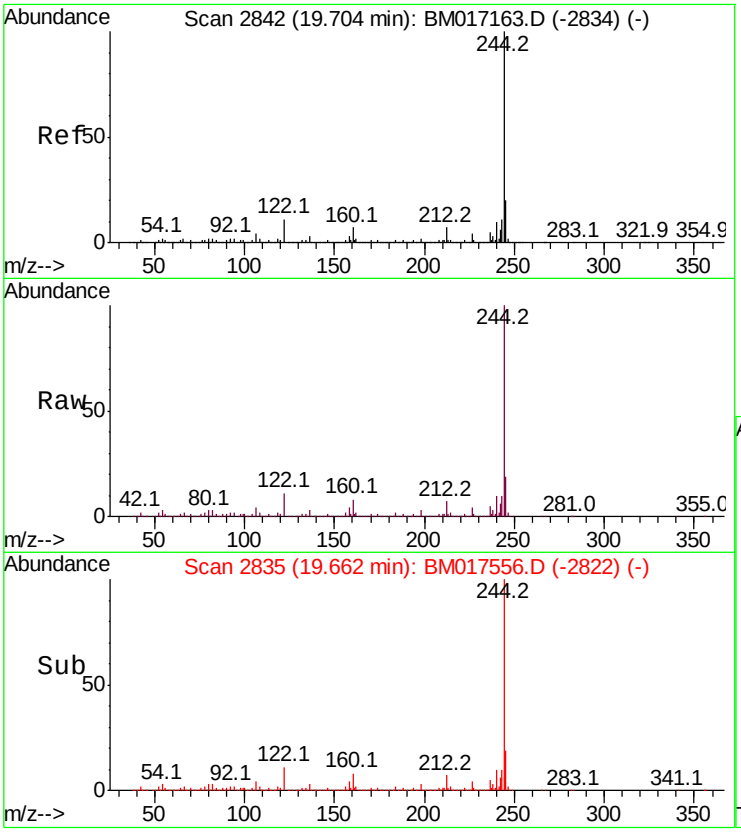


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Tgt Ion:240 Resp: 1528820

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.1	12.1
236	25.3	19.9	29.9



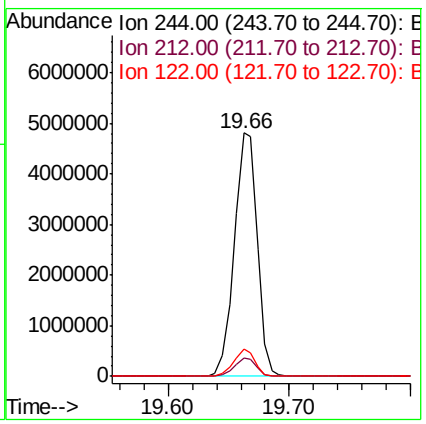


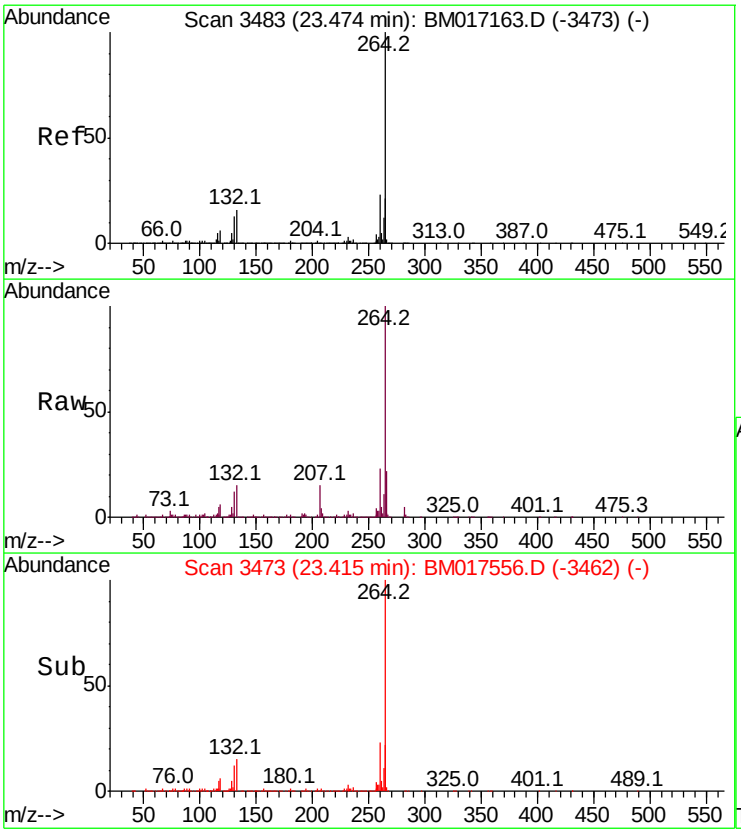
#79
Terphenyl-d14
Concen: 93.723 ng
RT: 19.66 min Scan# 2835
Delta R.T. -0.02 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(26-30)

Tgt Ion:244 Resp: 6356941

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	11.2	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3473
Delta R.T. -0.04 min
Lab File: BM017556.D
Acq: 07 Nov 2018 12:48

Tgt Ion:264 Resp: 1527850

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	22.0	17.8	26.8