Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011380.D
Acq On : 31 Aug 2017 20:07
Operator : SJ/JU
Sample : I4963-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 3836-FB

Quant Time: Sep 01 06:47:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	529326	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2239822	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1296122	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2932730	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3324965	20.00	ng	-0.01
86) Perylene-d12	23.91	264	2951392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1903550	60.53	ng	0.00
7) Phenol-d6	7.13	99	1477376	33.88	ng	0.00
23) Nitrobenzene-d5	9.16	82	3306765	97.29	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	2247617	149.89	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	8601186	95.66	ng	0.00
78) Terphenyl-d14	19.97	244	11610876	86.64	ng	0.00
Target Compounds						Qvalue

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

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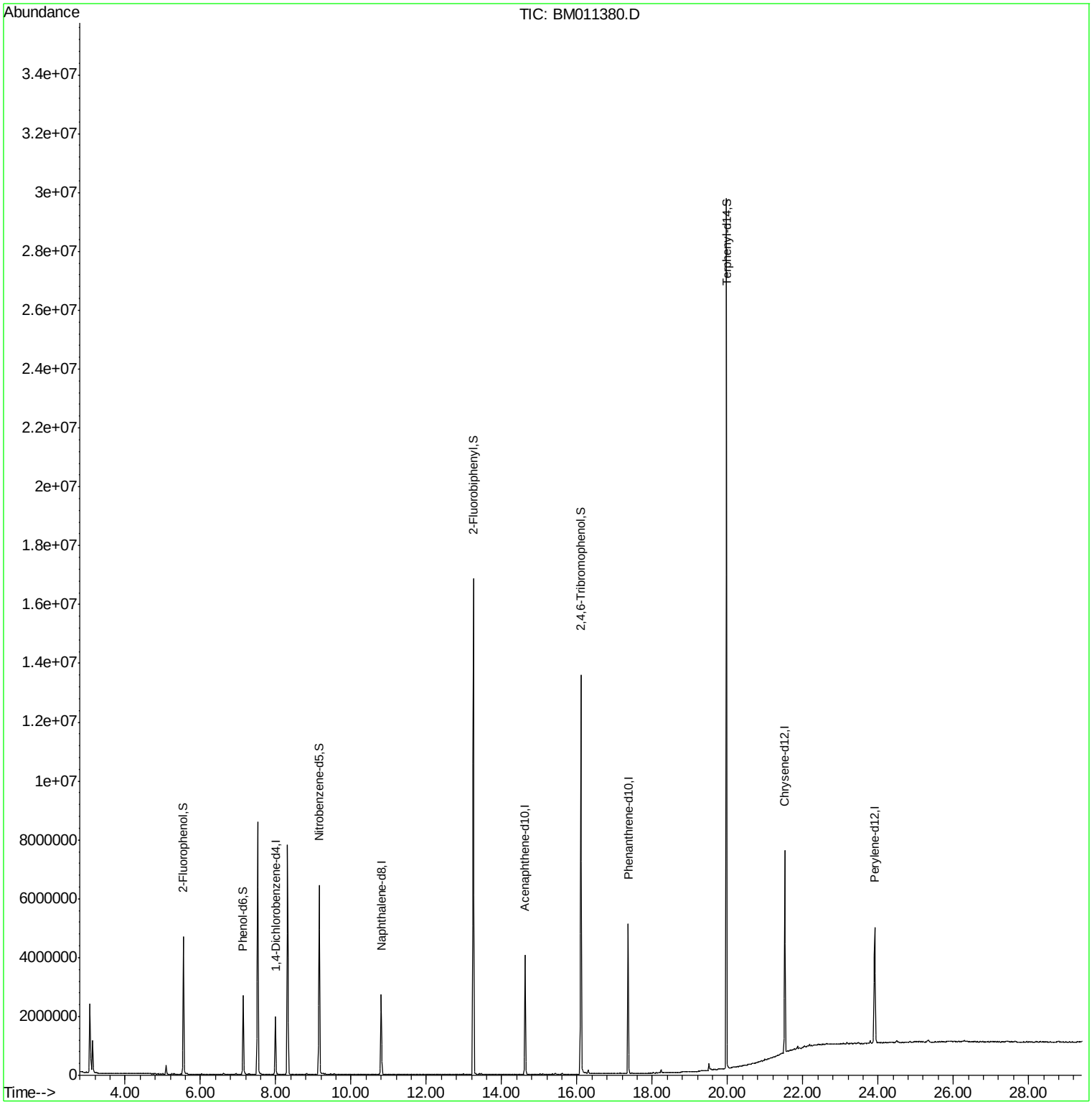
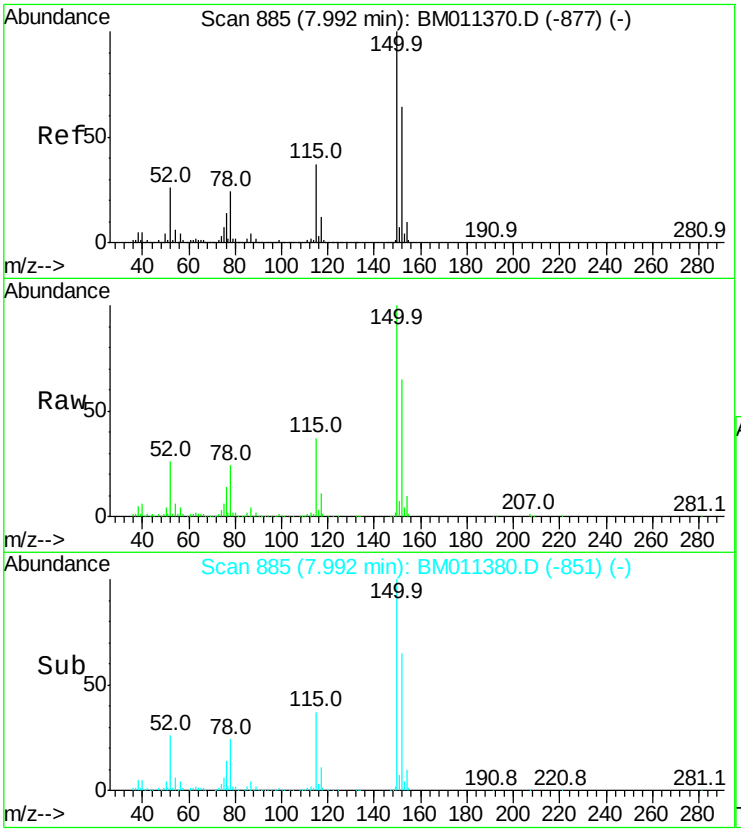


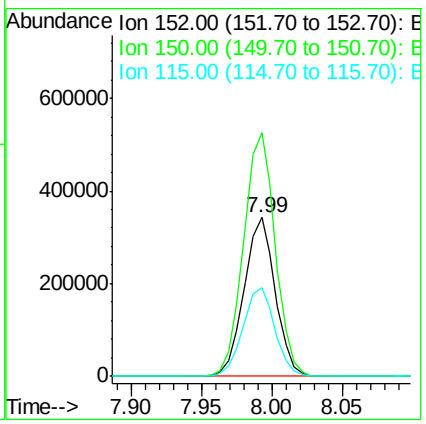


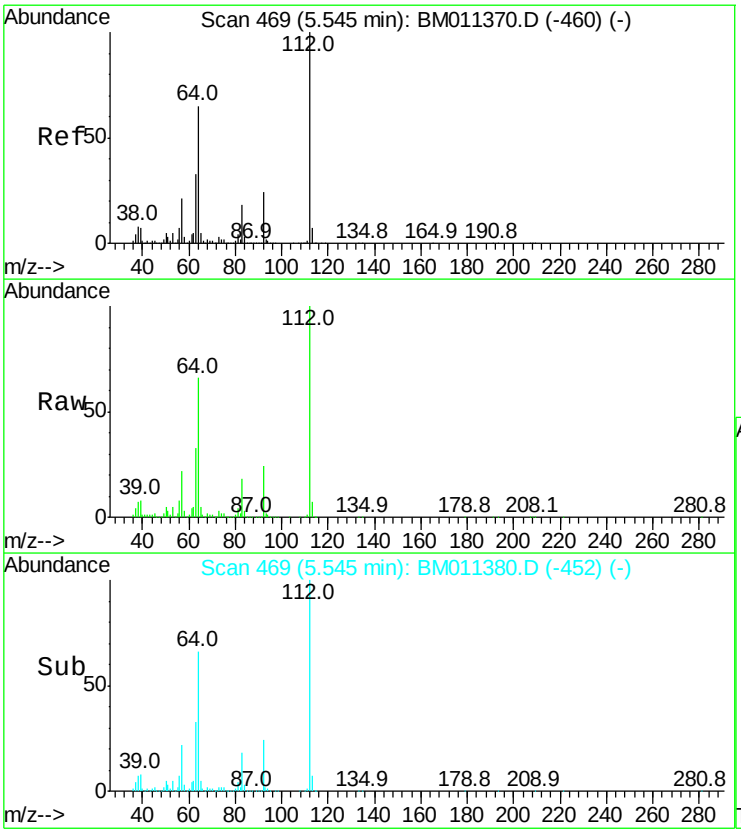
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Instrument :
BNA_M
ClientSampleId :
3836-FB

Tgt Ion:152 Resp: 529326

Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.5	179.3
115	56.1	43.0	64.4

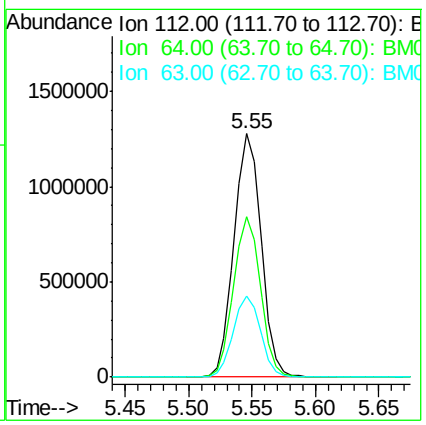


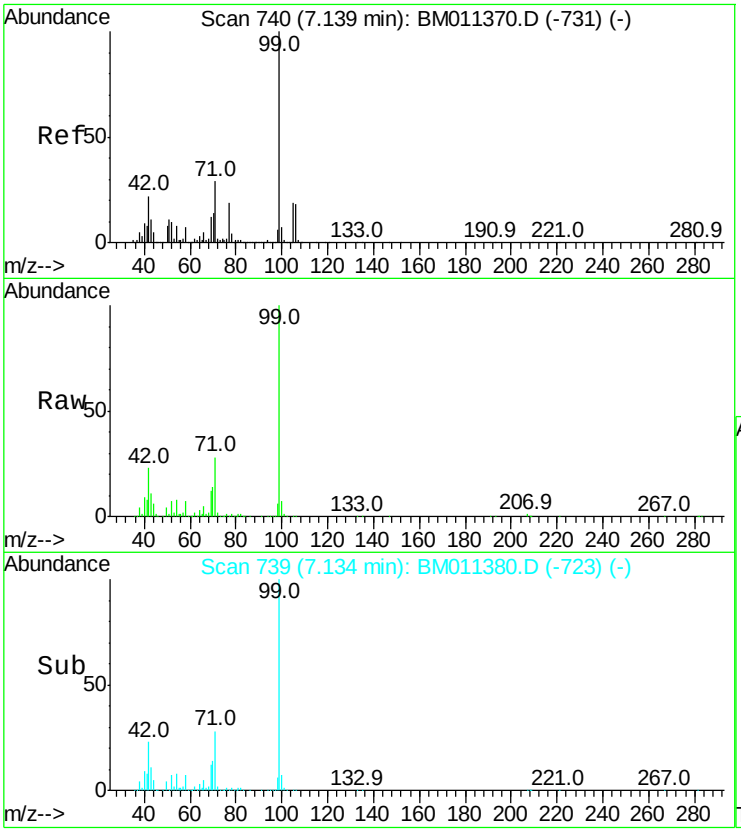


#5
2-Fluorophenol
Concen: 60.534 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Tgt Ion:112 Resp: 1903550

Ion	Ratio	Lower	Upper
112	100		
64	66.0	38.6	57.8#
63	33.2	19.3	28.9#



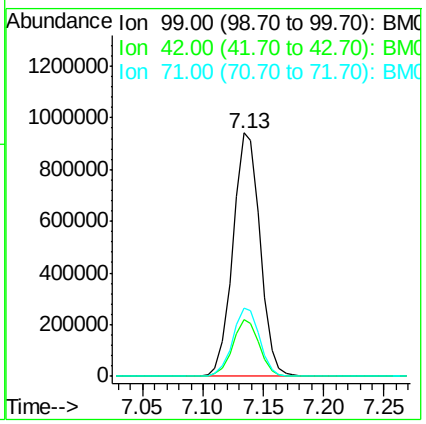


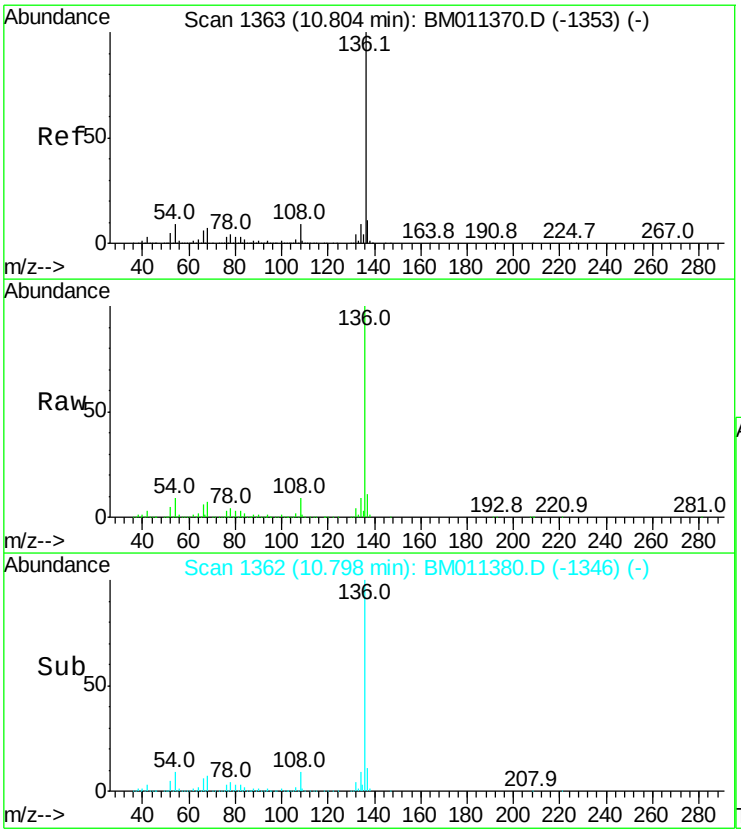
#7
Phenol-d6
Concen: 33.882 ng
RT: 7.13 min Scan# 739
Delta R.T. -0.01 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Instrument :
BNA_M
ClientSampleId :
3836-FB

Tgt Ion: 99 Resp: 1477376

Ion	Ratio	Lower	Upper
99	100		
42	23.2	11.0	16.4#
71	27.9	23.4	35.2

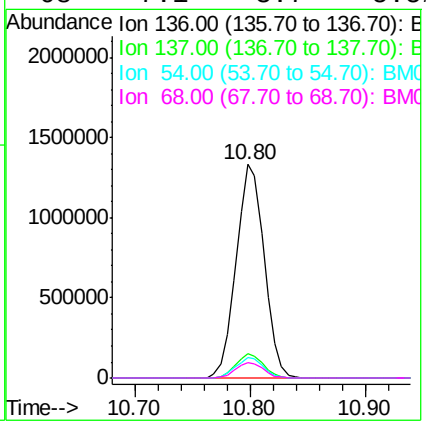


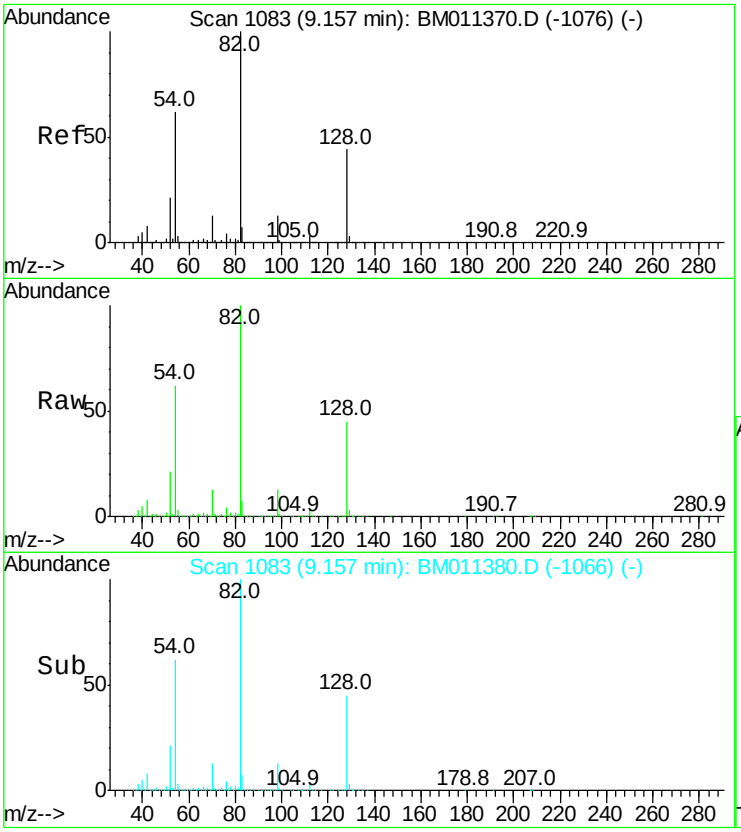


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Tgt Ion:136 Resp: 2239822

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.4	4.6	6.8#
68	7.1	3.7	5.5#



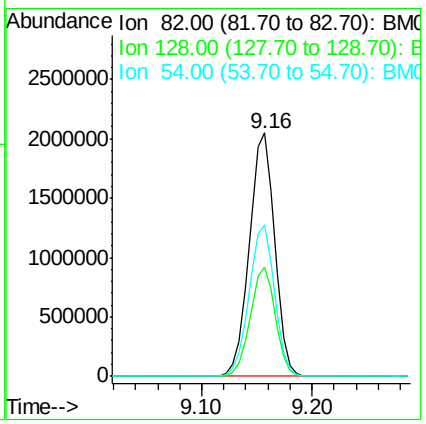


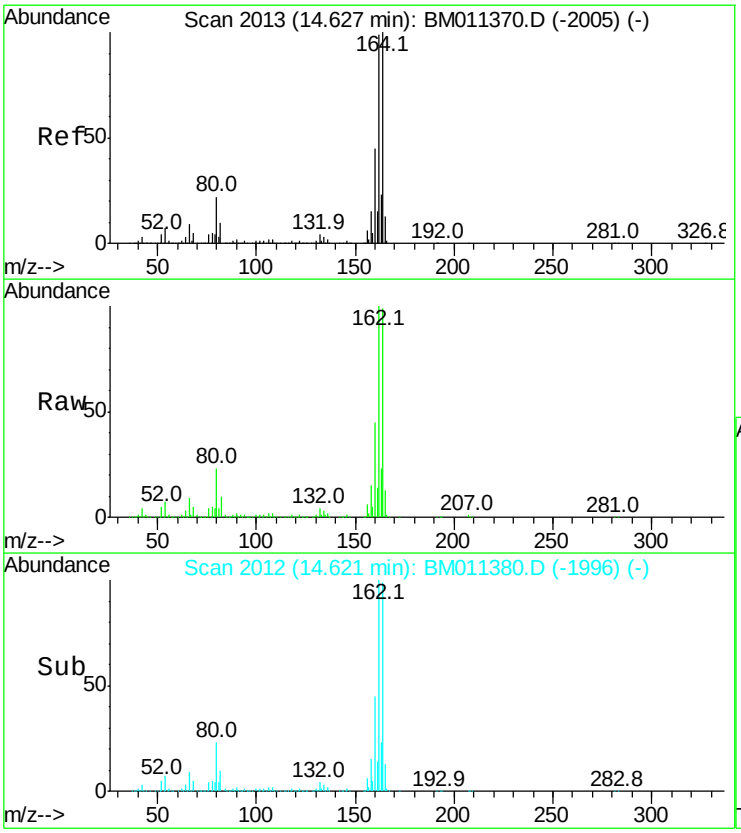
#23
Nitrobenzene-d5
Concen: 97.289 ng
RT: 9.16 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Instrument :
BNA_M
ClientSampleId :
3836-FB

Tgt Ion: 82 Resp: 3306765

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.8	49.2
54	62.2	40.6	60.8#

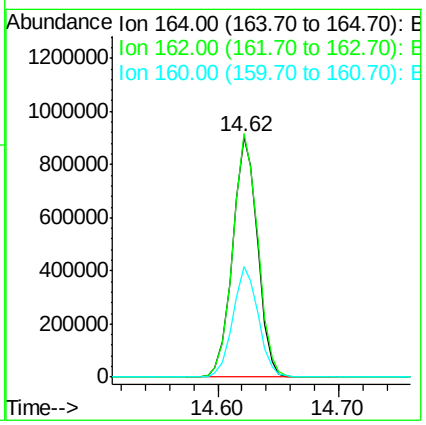


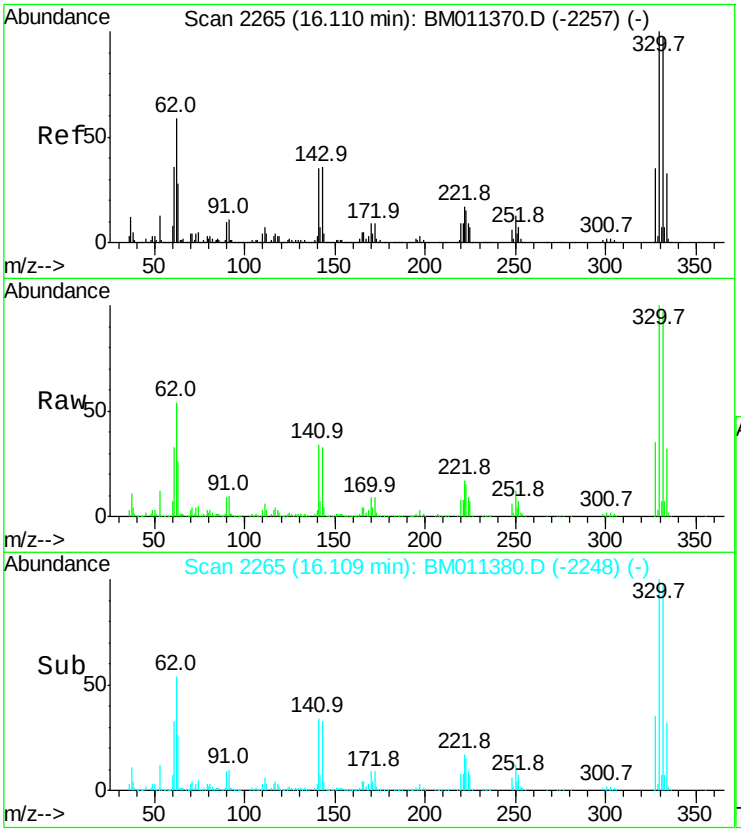


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Tgt Ion:164 Resp: 1296122

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	45.8	35.8	53.6



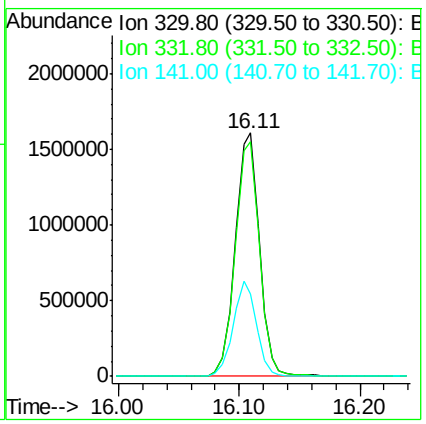


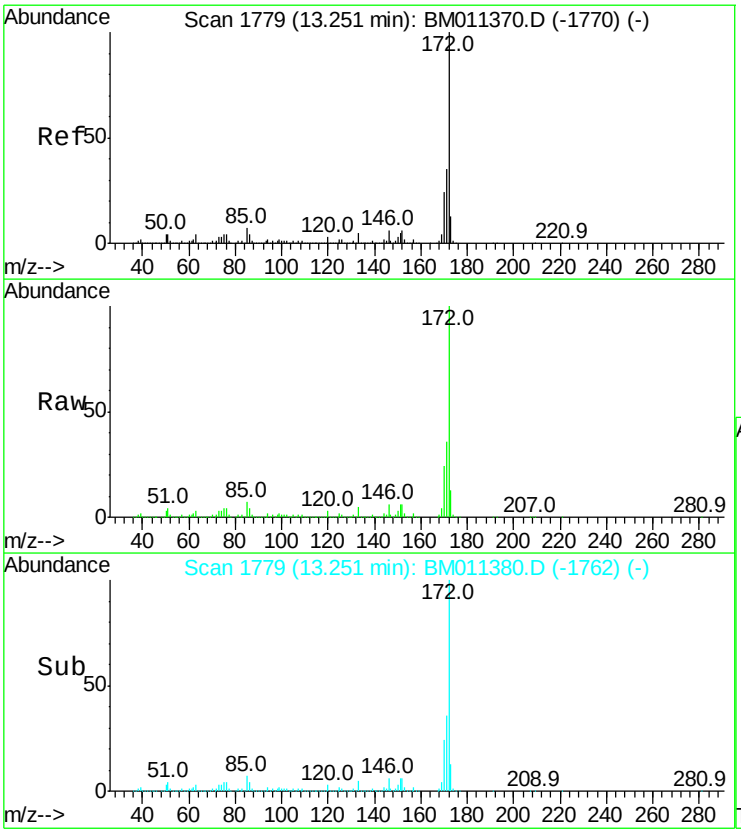
#41
2,4,6-Tribromophenol
Concen: 149.885 ng
RT: 16.11 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Instrument :
BNA_M
ClientSampleId :
3836-FB

Tgt Ion:330 Resp: 2247617

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	37.8	0.0	0.0#

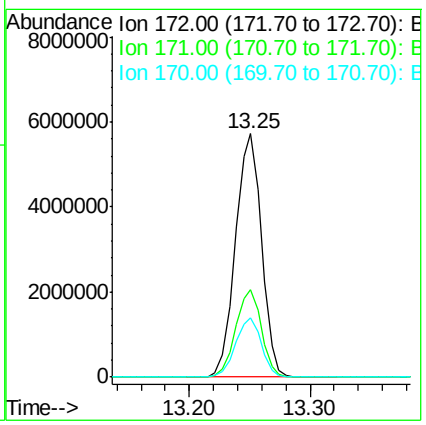


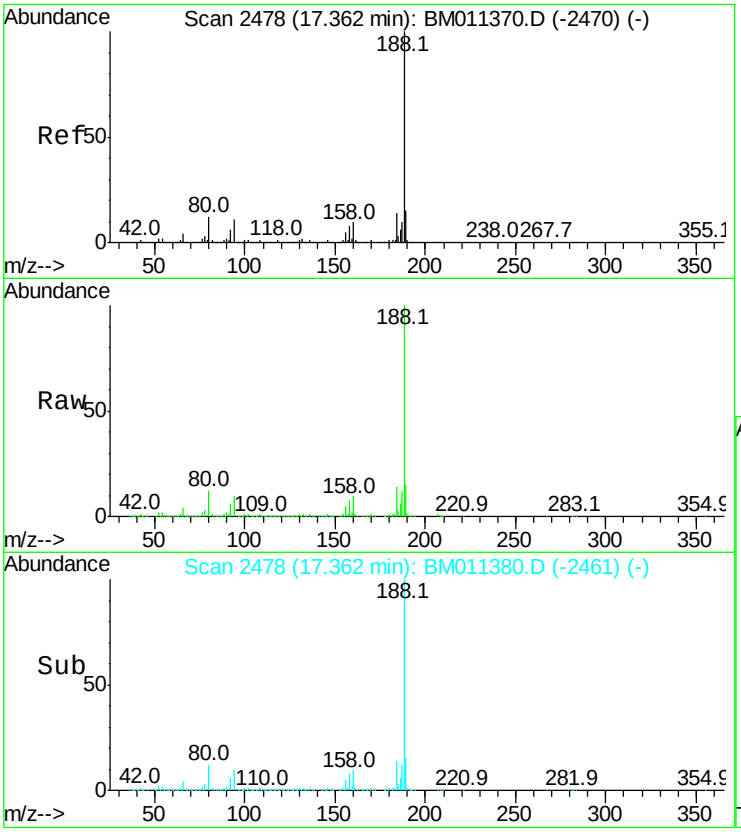


#44
2-Fluorobiphenyl
Concen: 95.658 ng
RT: 13.25 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Tgt Ion:172 Resp: 8601186

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.4	18.8	28.2



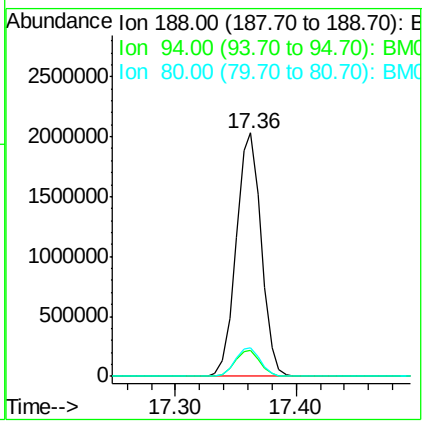


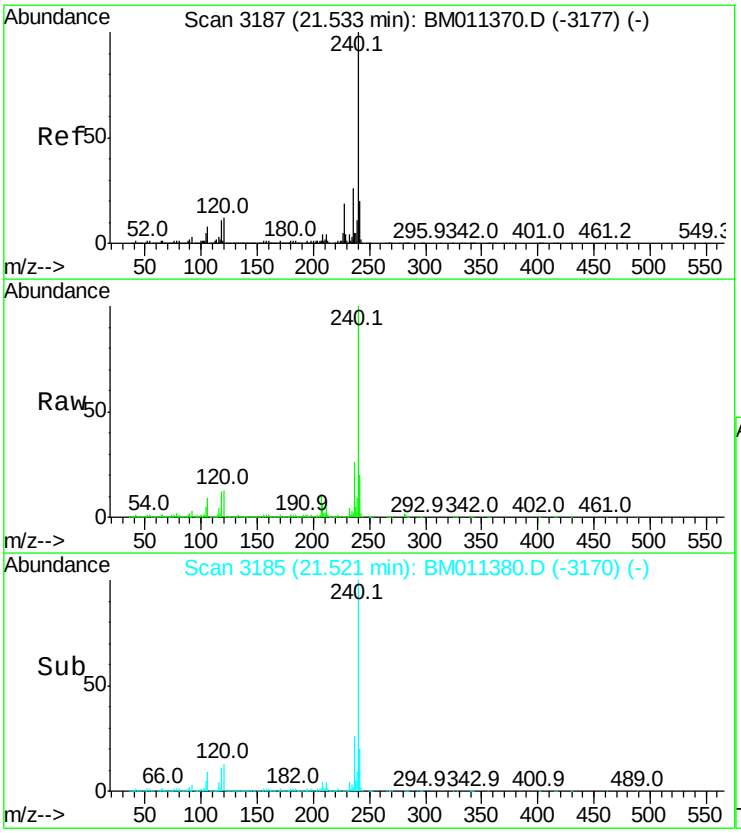
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Instrument :
BNA_M
ClientSampleId :
3836-FB

Tgt Ion:188 Resp: 2932730

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.6	9.3	13.9

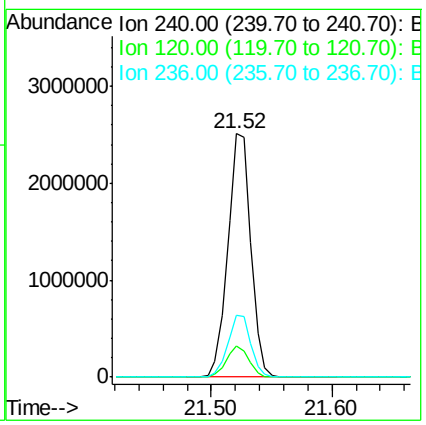


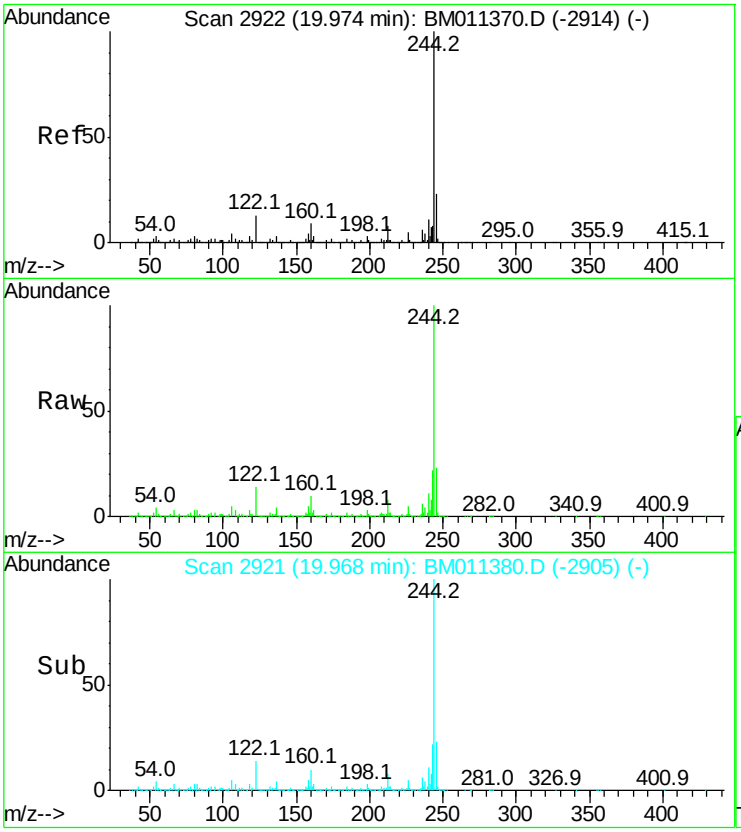


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Tgt Ion:240 Resp: 3324965

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.2	12.2#
236	25.6	20.0	30.0



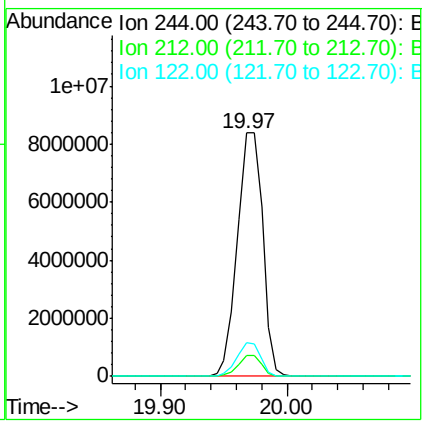


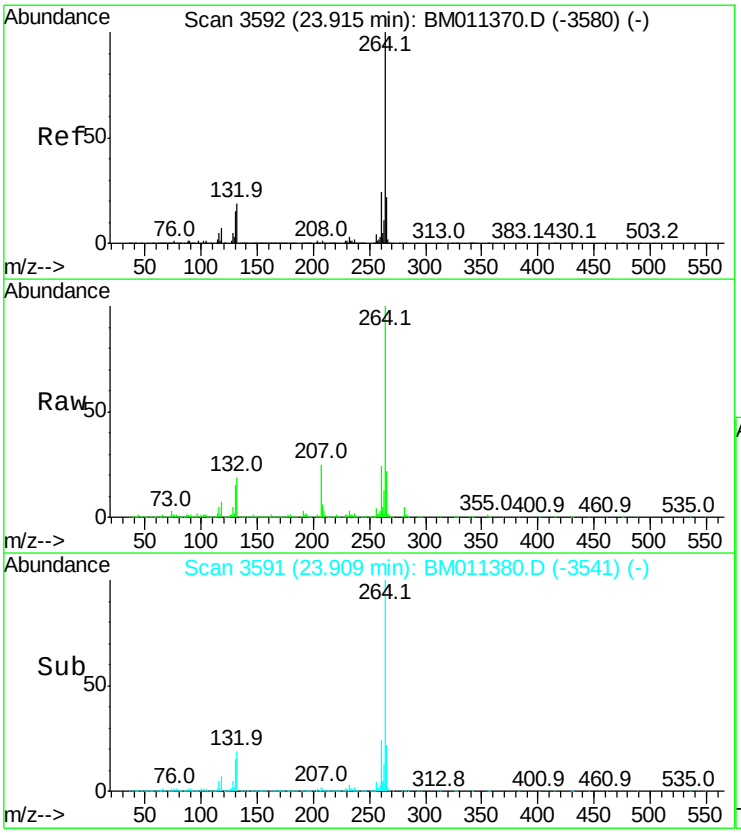
#78
Terphenyl-d14
Concen: 86.645 ng
RT: 19.97 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Instrument :
BNA_M
ClientSampleId :
3836-FB

Tgt Ion:244 Resp:11610876

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	13.7	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.91 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BM011380.D
Acq: 31 Aug 2017 20:07

Tgt Ion:264 Resp: 2951392

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.1	17.3	25.9