Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
Data File : BM011222.D
Acq On : 12 Aug 2017 16:46
Operator : SJ/JU
Sample : I4705-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-B-COMP

Quant Time: Aug 14 04:02:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	117872	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	394516	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	249523	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	597784	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	771700	20.00	ng	-0.08
86) Perylene-d12	23.02	264	395853	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1059612	151.96	ng	-0.09
7) Phenol-d6	6.50	99	1381249	139.42	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1346905	128.14	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	566100	141.55	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2143502	107.74	ng	-0.09
78) Terphenyl-d14	19.39	244	3499572	89.83	ng	-0.08
Target Compounds						Qvalue

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

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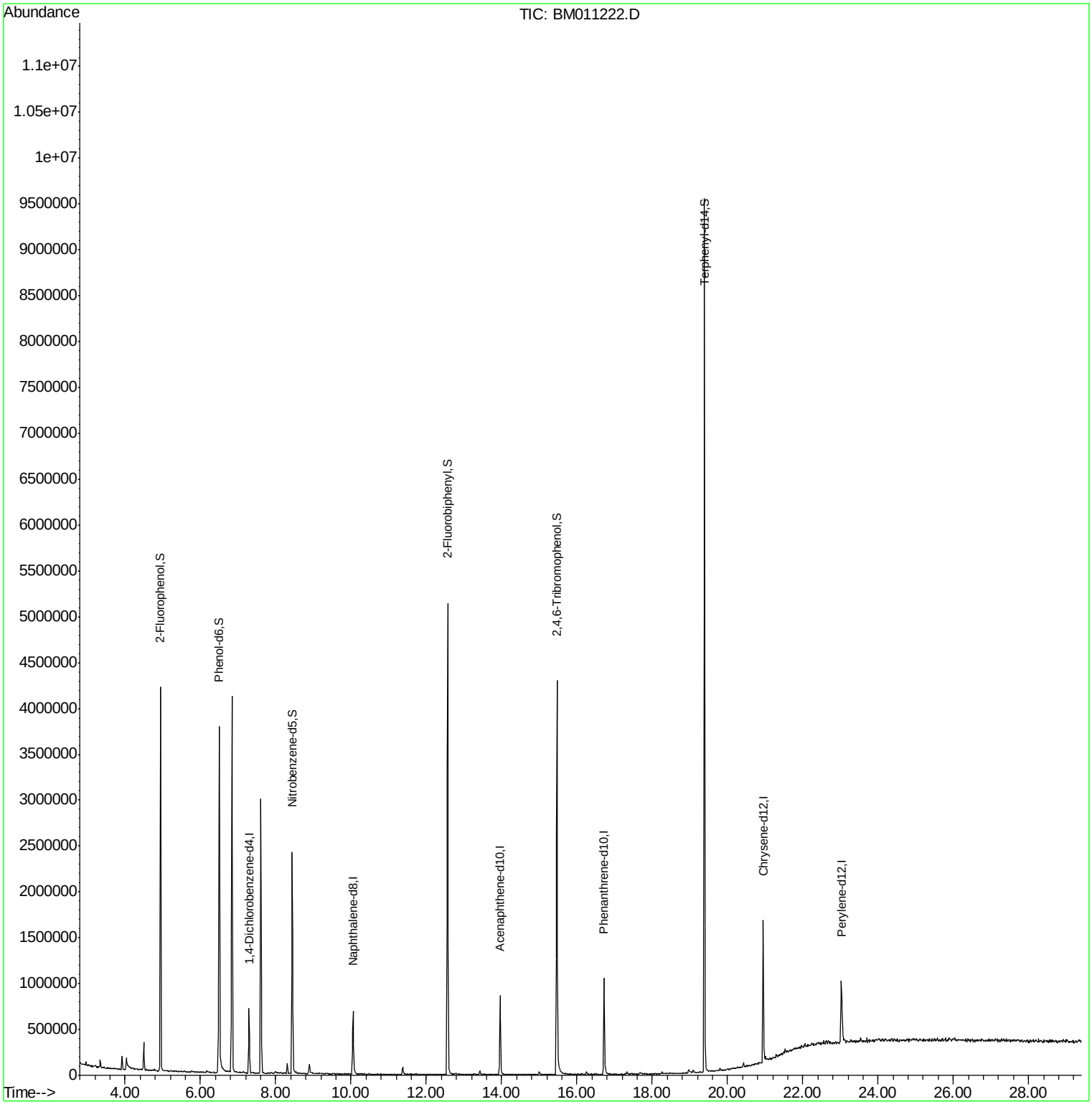
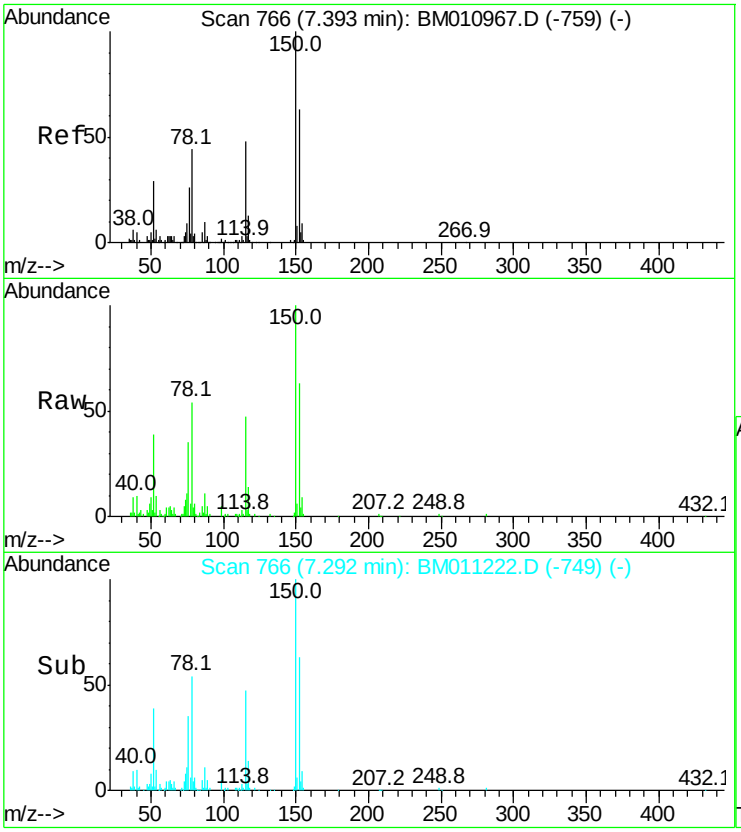


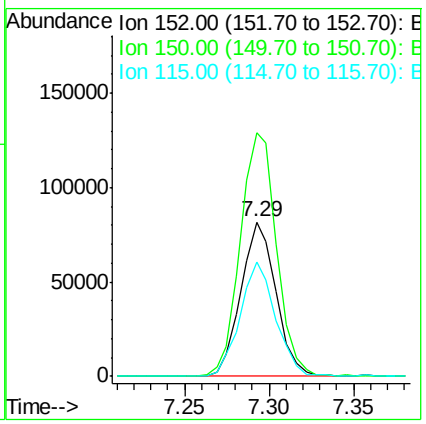


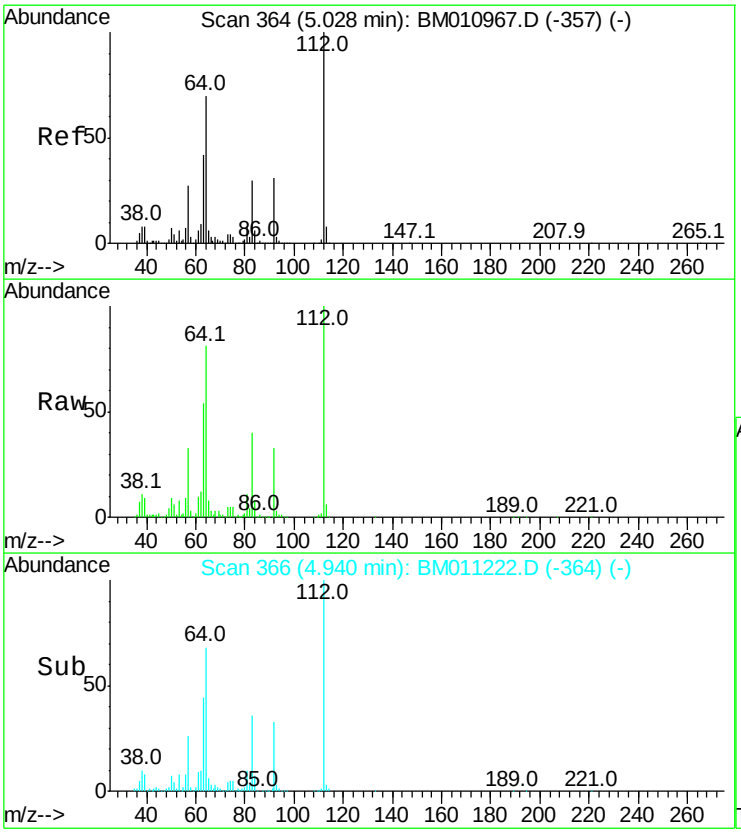
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

Tgt Ion:152 Resp: 117872

Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.5	179.3
115	73.9	43.0	64.4#

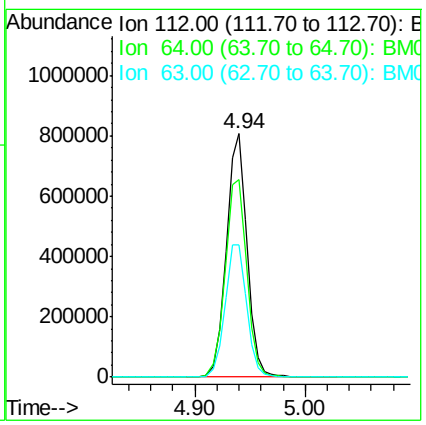


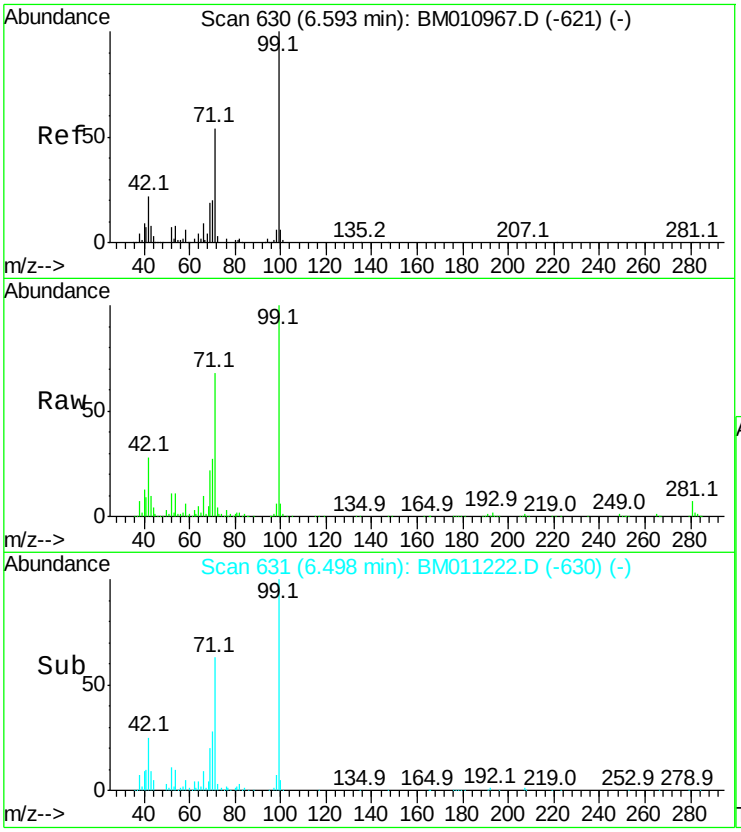


#5
2-Fluorophenol
Concen: 151.962 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion:112 Resp: 1059612

Ion	Ratio	Lower	Upper
112	100		
64	81.1	38.6	57.8#
63	54.1	19.3	28.9#



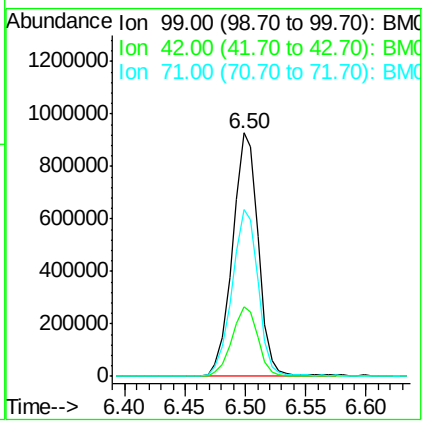


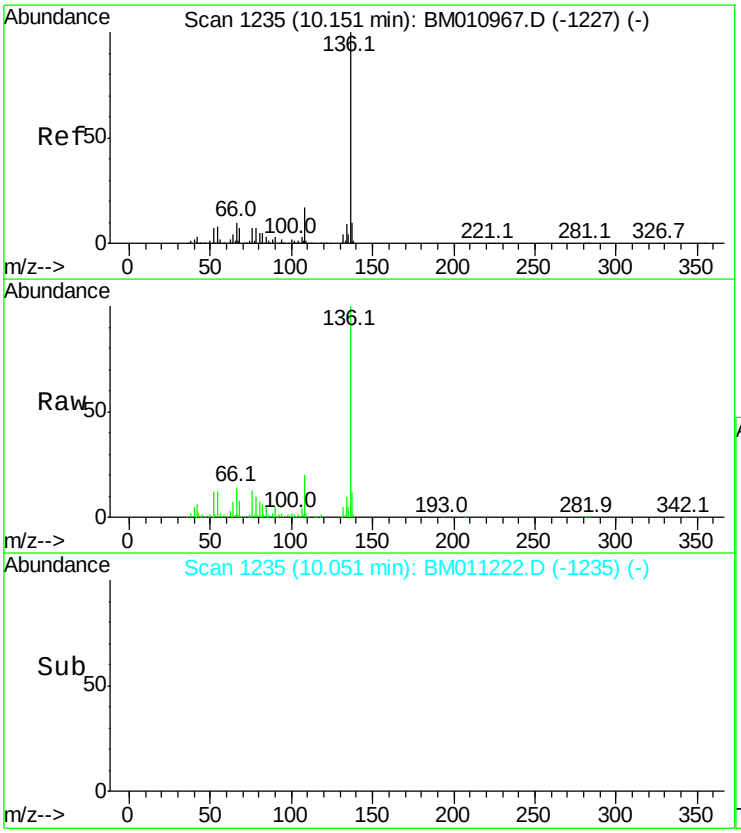
#7
Phenol-d6
Concen: 139.419 ng
RT: 6.50 min Scan# 631
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

Tgt Ion: 99 Resp: 1381249

Ion	Ratio	Lower	Upper
99	100		
42	28.3	11.0	16.4#
71	68.5	23.4	35.2#

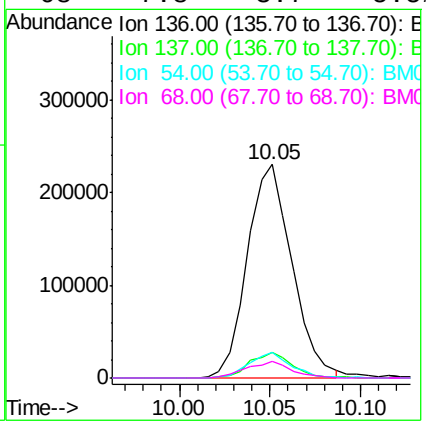


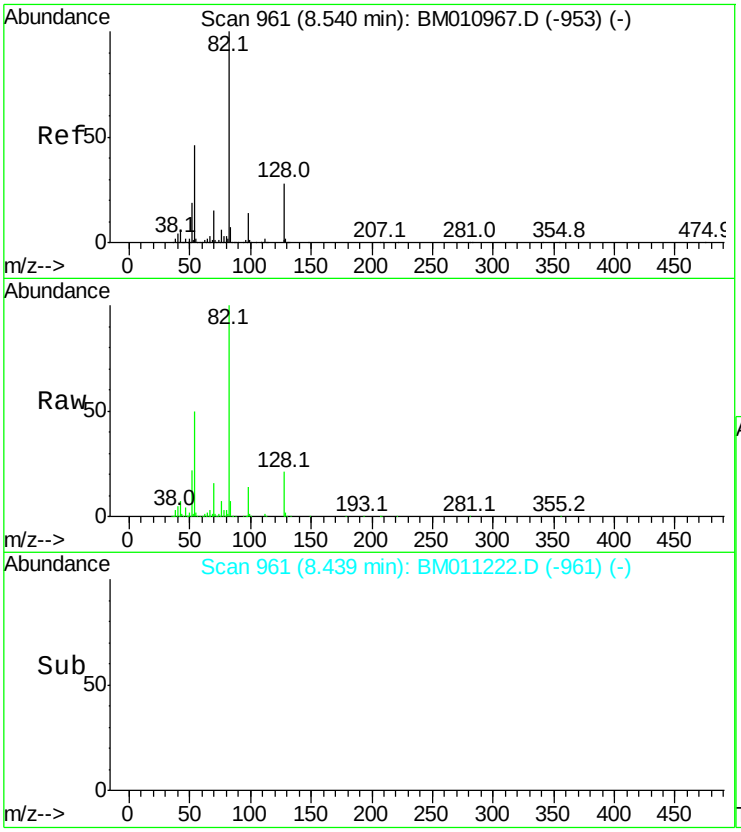


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion:136 Resp: 394516

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	11.9	4.6	6.8#
68	7.8	3.7	5.5#



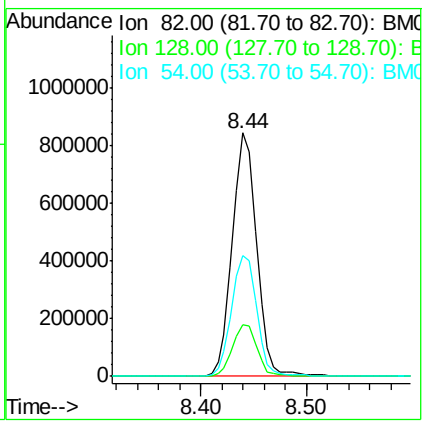


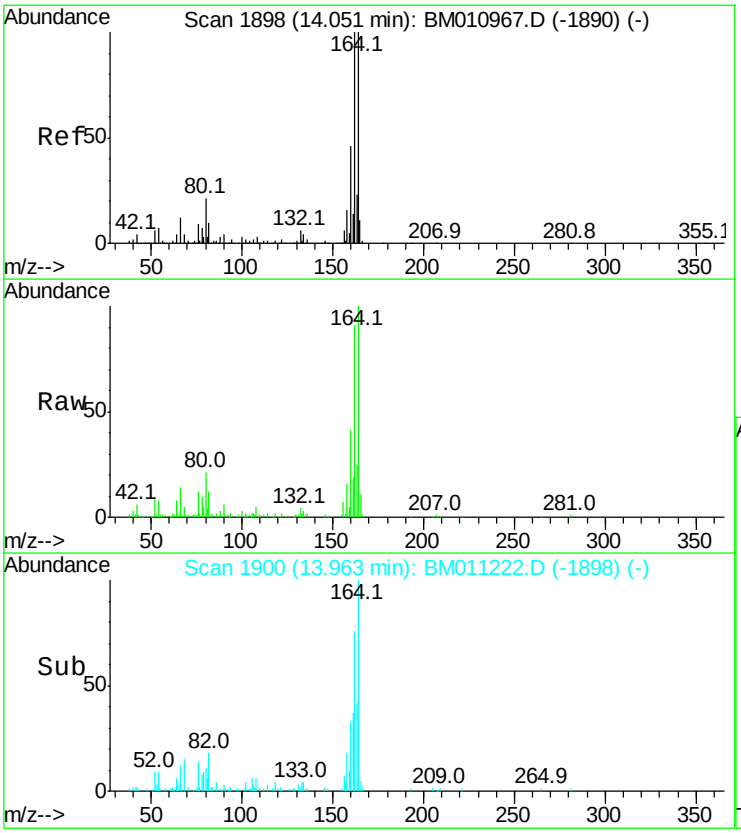
#23
Nitrobenzene-d5
Concen: 128.136 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

Tgt Ion: 82 Resp: 1346905

Ion	Ratio	Lower	Upper
82	100		
128	21.0	32.8	49.2#
54	49.5	40.6	60.8

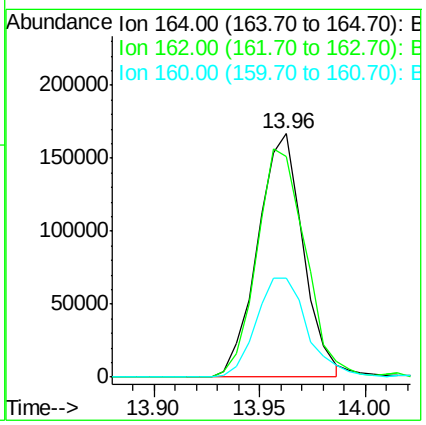


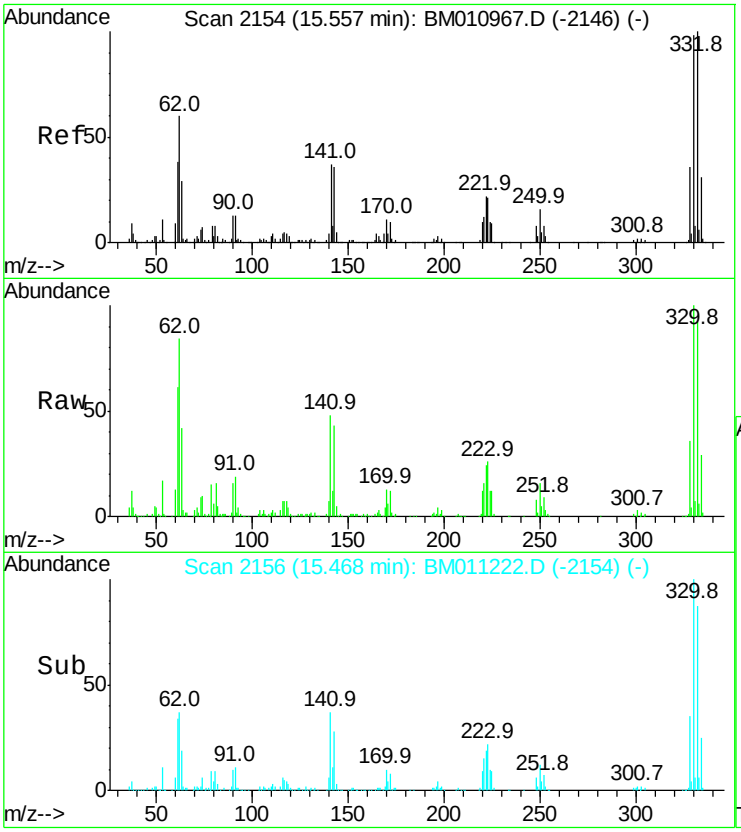


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1900
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion:164 Resp: 249523

Ion	Ratio	Lower	Upper
164	100		
162	90.6	82.4	123.6
160	40.9	35.8	53.6



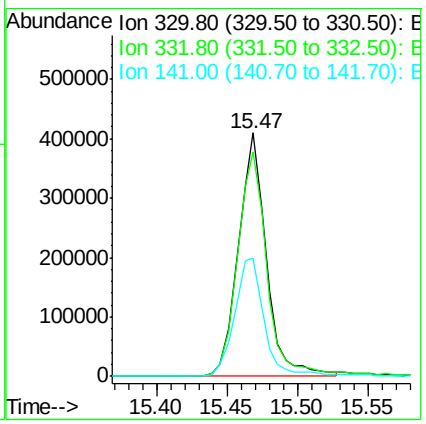


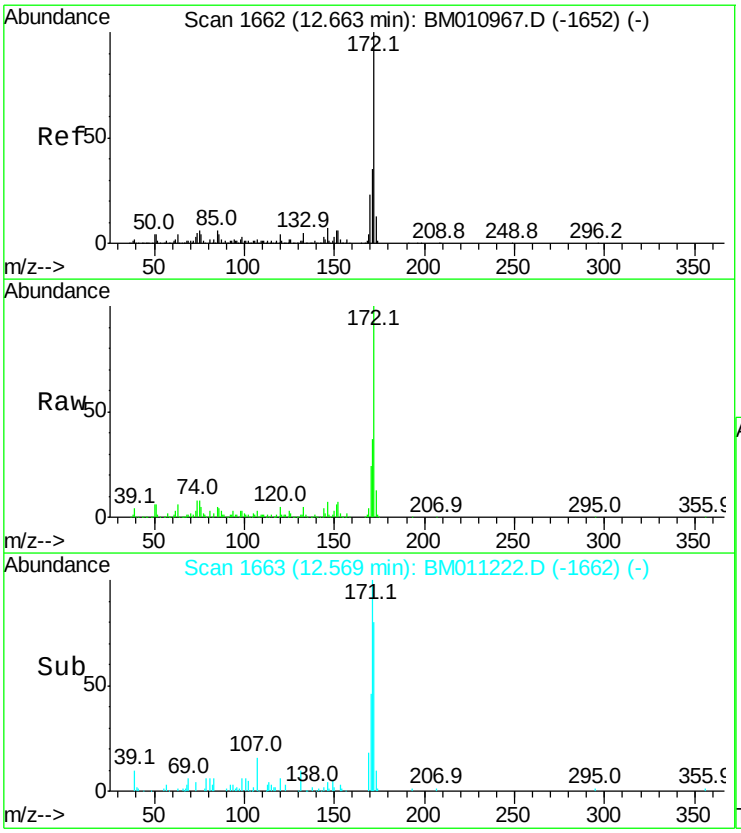
#41
2,4,6-Tribromophenol
Concen: 141.549 ng
RT: 15.47 min Scan# 2156
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

Tgt Ion:330 Resp: 566100

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	50.8	0.0	0.0#

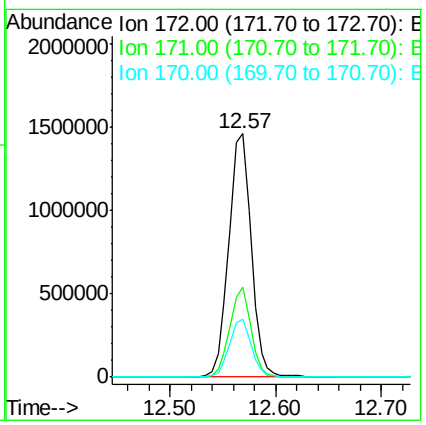


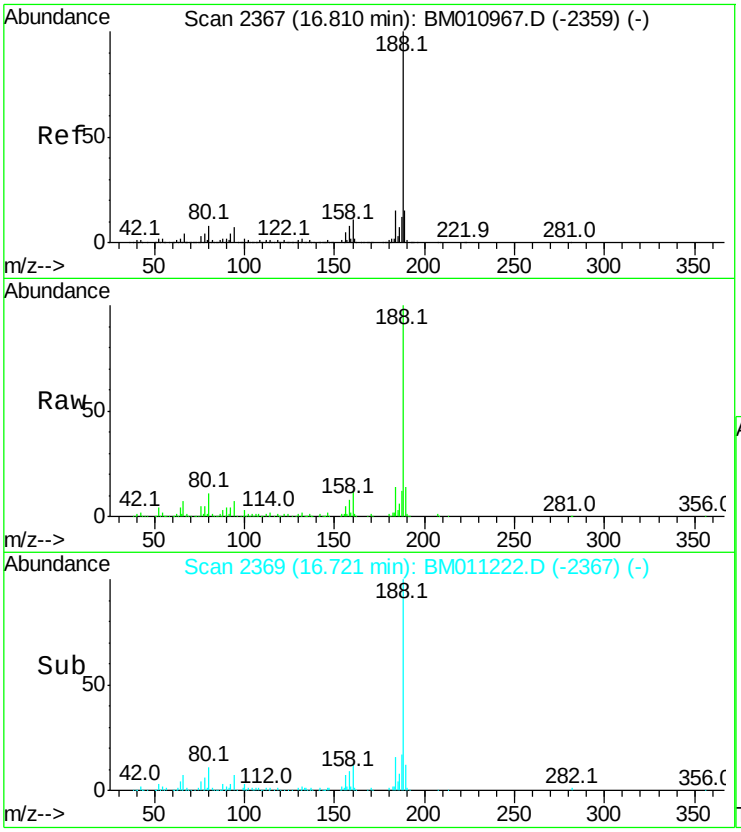


#44
2-Fluorobiphenyl
Concen: 107.735 ng
RT: 12.57 min Scan# 1663
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion:172 Resp: 2143502

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.5	42.7
170	24.1	18.8	28.2



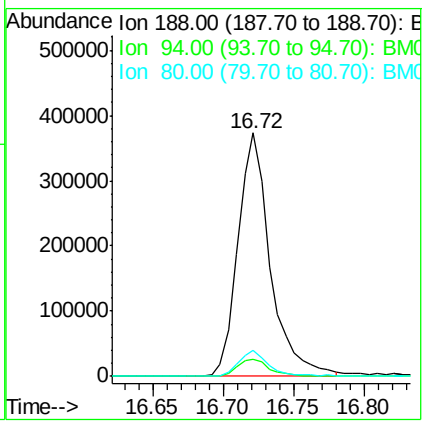


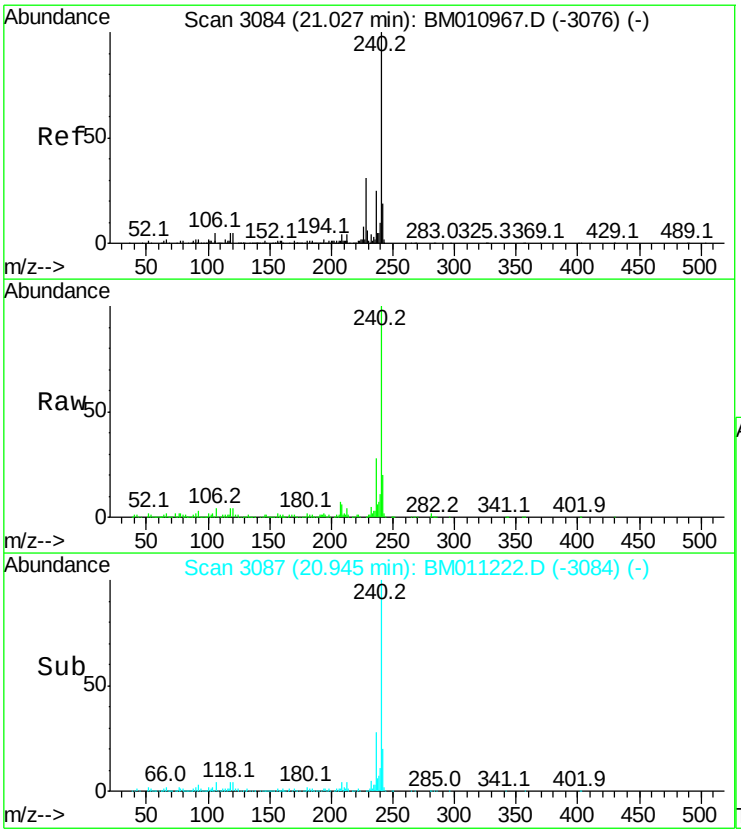
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

Tgt Ion:188 Resp: 597784

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	10.7	9.3	13.9

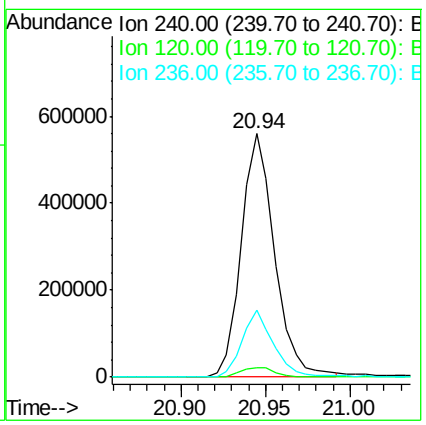


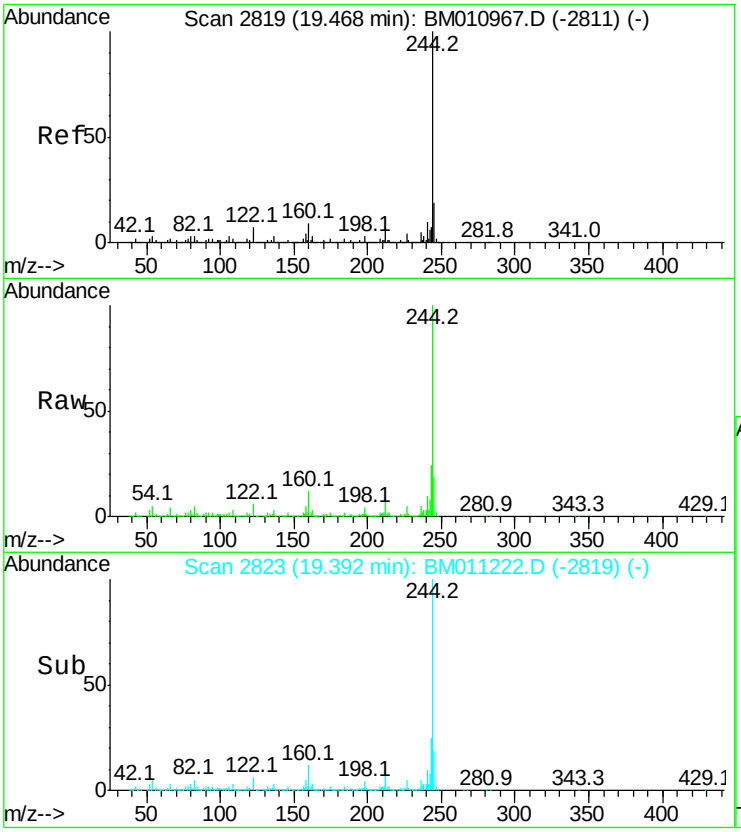


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion:240 Resp: 771700

Ion	Ratio	Lower	Upper
240	100		
120	3.9	8.2	12.2#
236	27.7	20.0	30.0



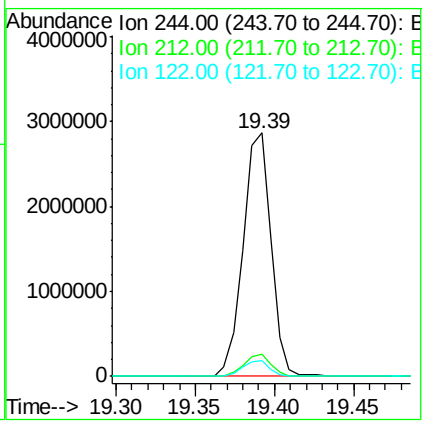


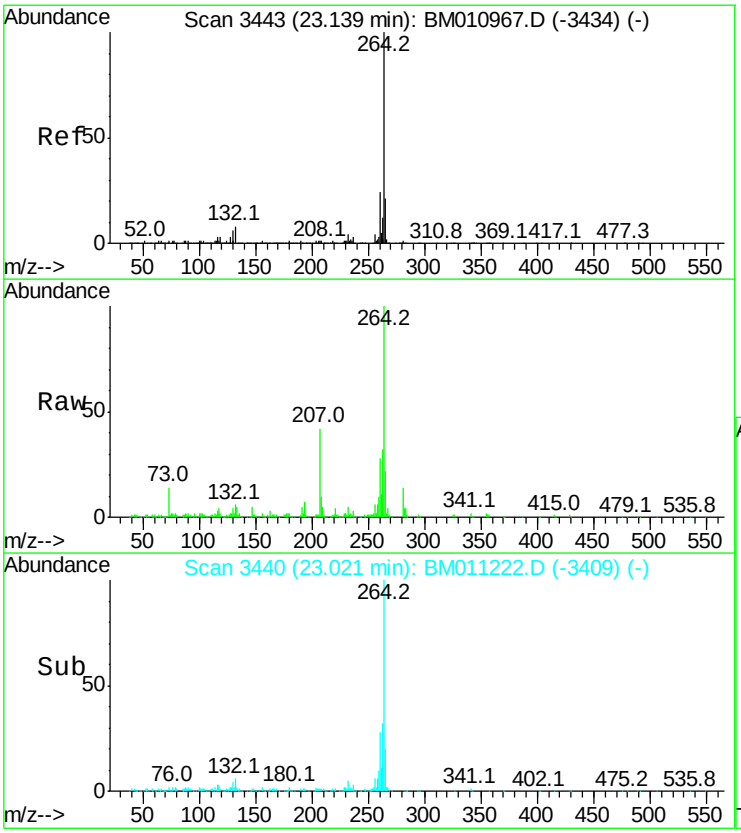
#78
Terphenyl-d14
Concen: 89.830 ng
RT: 19.39 min Scan# 2823
Delta R.T. -0.08 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

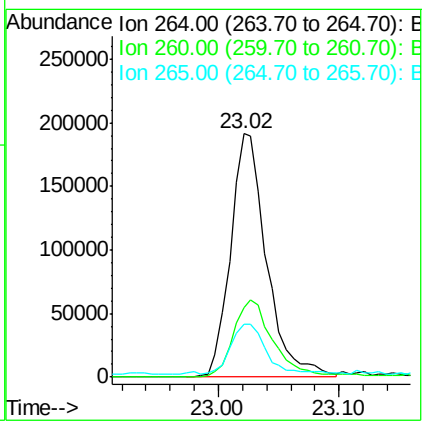
Tgt Ion:244 Resp: 3499572

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	6.3	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3440
Delta R.T. -0.12 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion:264 Resp: 395853

Ion	Ratio	Lower	Upper
264	100		
260	28.5	18.6	27.8#
265	21.6	17.3	25.9