Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
Data File : BM011217.D
Acq On : 12 Aug 2017 13:44
Operator : SJ/JU
Sample : I4700-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NB-01-080917-B

Quant Time: Aug 14 04:20:33 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	108122	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	361415	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	230691	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	585168	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	754635	20.00	ng	-0.08
86) Perylene-d12	23.02	264	746466	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1011882	158.20	ng	-0.09
7) Phenol-d6	6.50	99	1325808	145.89	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1276612	132.57	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	576777	155.99	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2057394	111.85	ng	-0.09
78) Terphenyl-d14	19.39	244	3465354	90.96	ng	-0.08
Target Compounds						Qvalue

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

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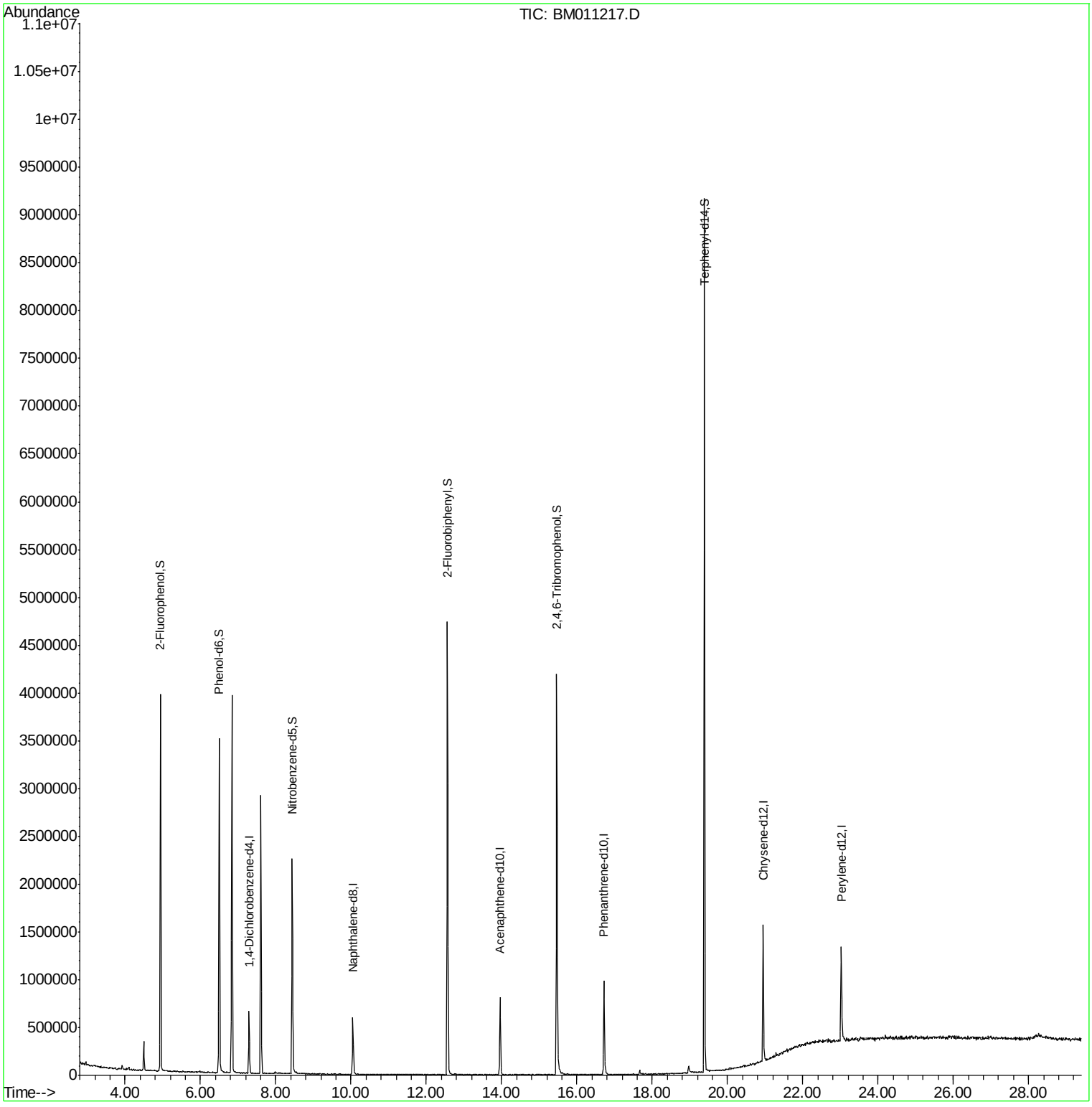
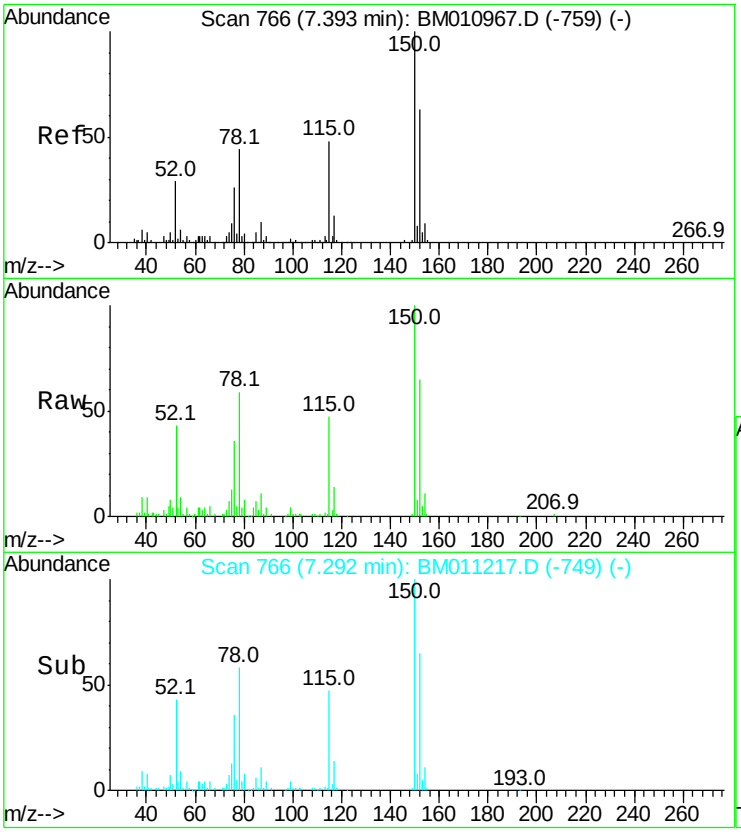


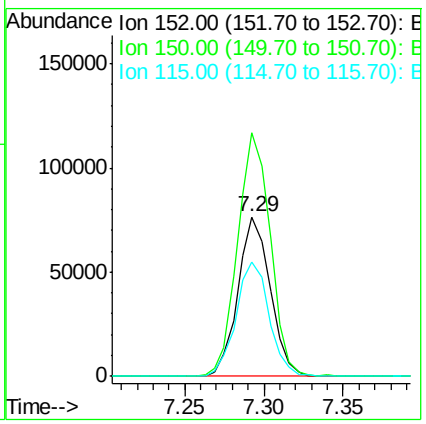


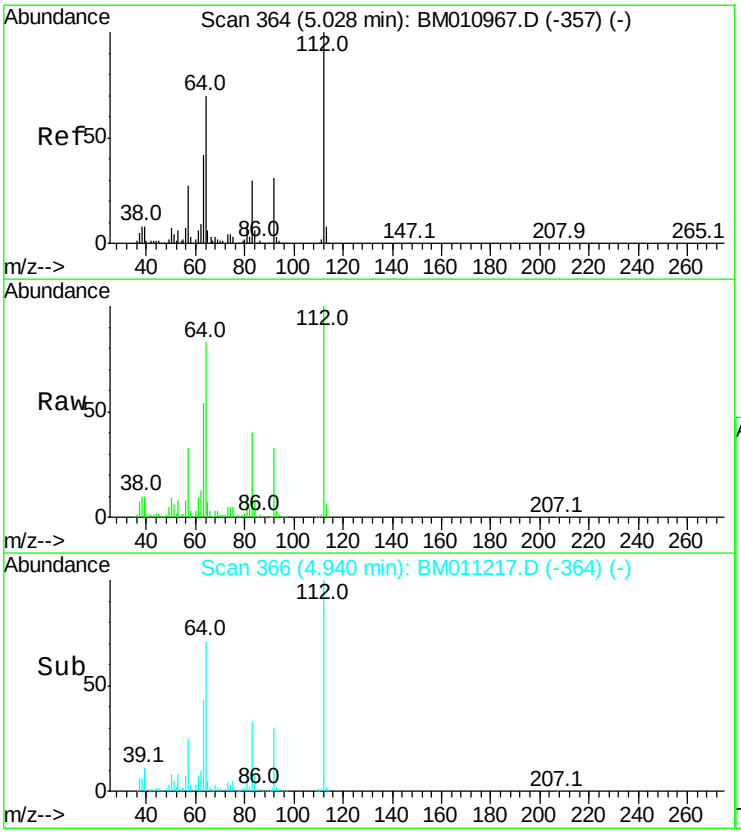
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

Tgt Ion:152 Resp: 108122

Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	71.7	43.0	64.4#

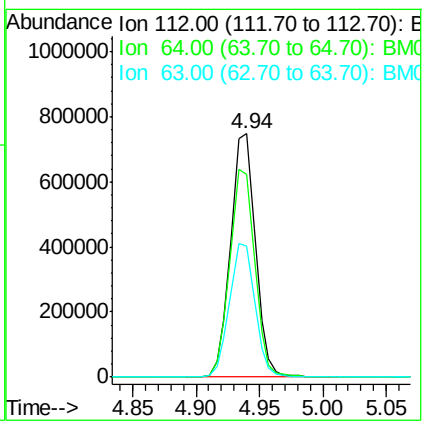


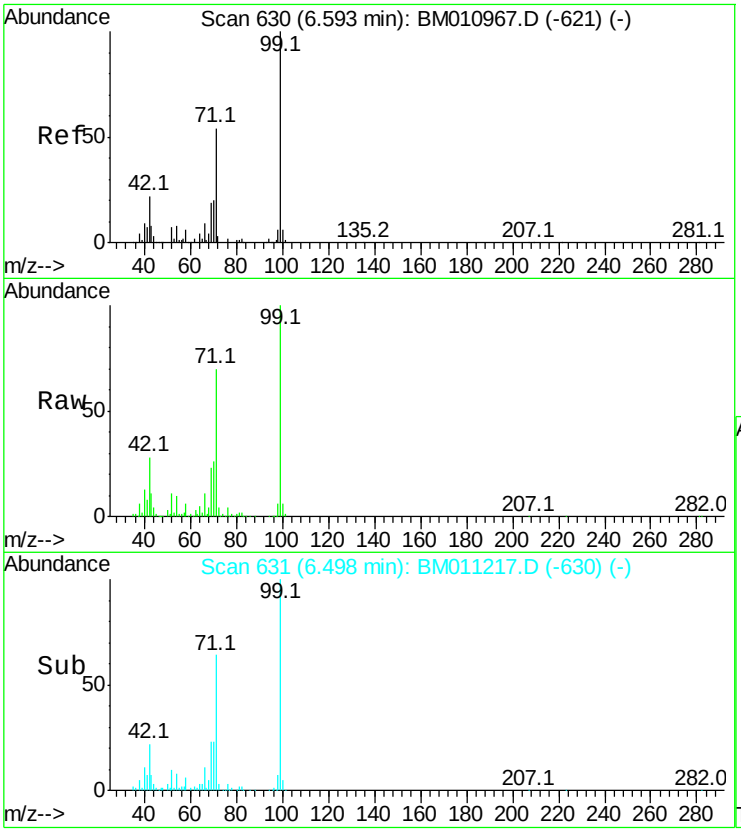


#5
2-Fluorophenol
Concen: 158.203 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Tgt Ion:112 Resp: 1011882

Ion	Ratio	Lower	Upper
112	100		
64	83.3	38.6	57.8#
63	53.6	19.3	28.9#



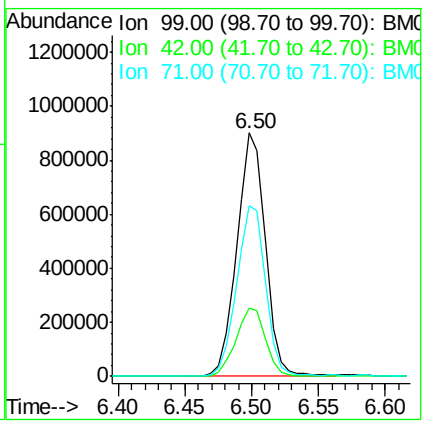


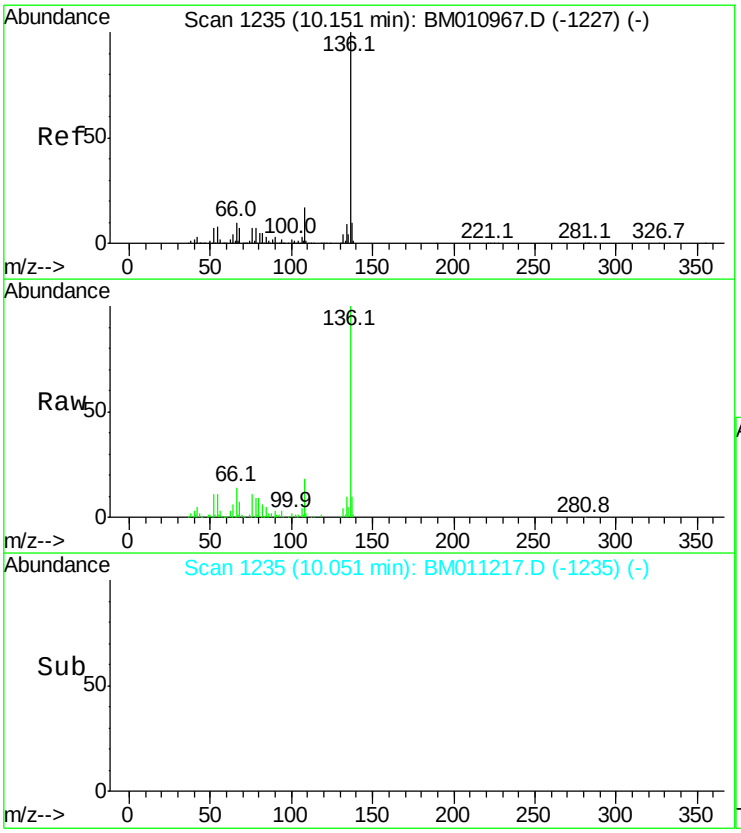
#7
Phenol-d6
Concen: 145.891 ng
RT: 6.50 min Scan# 631
Delta R.T. -0.09 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

Tgt Ion: 99 Resp: 1325808

Ion	Ratio	Lower	Upper
99	100		
42	28.1	11.0	16.4#
71	69.9	23.4	35.2#

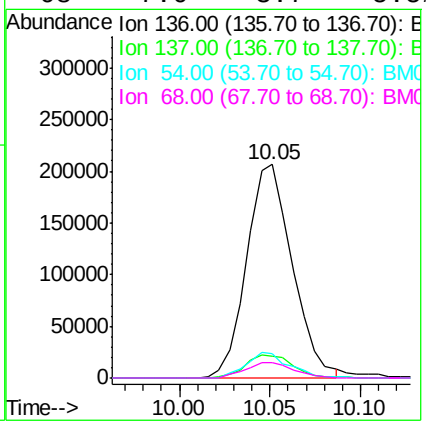


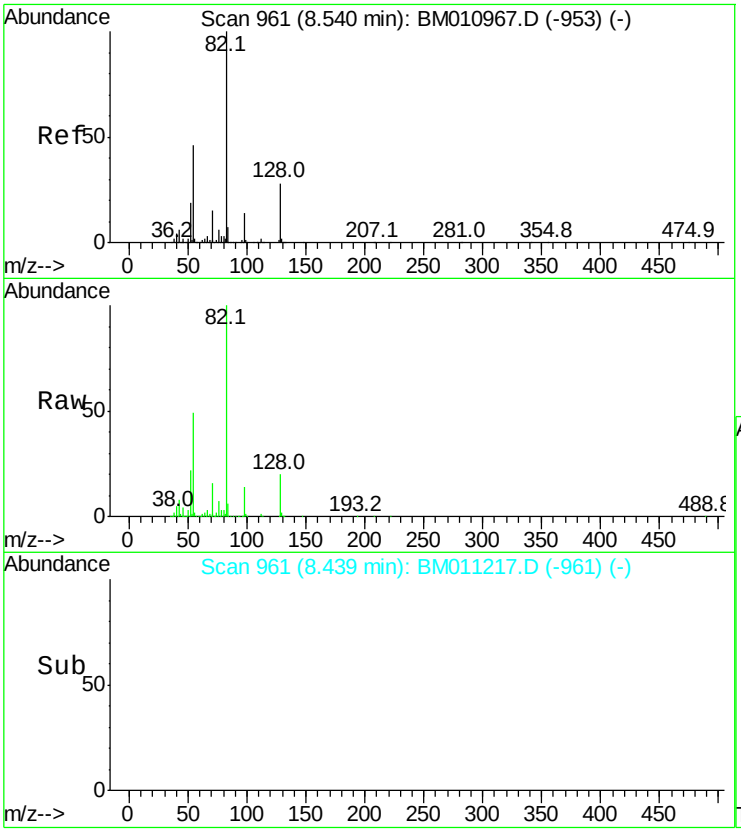


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Tgt Ion:136 Resp: 361415

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	11.4	4.6	6.8#
68	7.0	3.7	5.5#



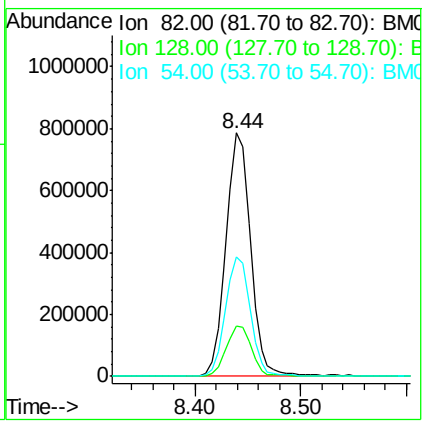


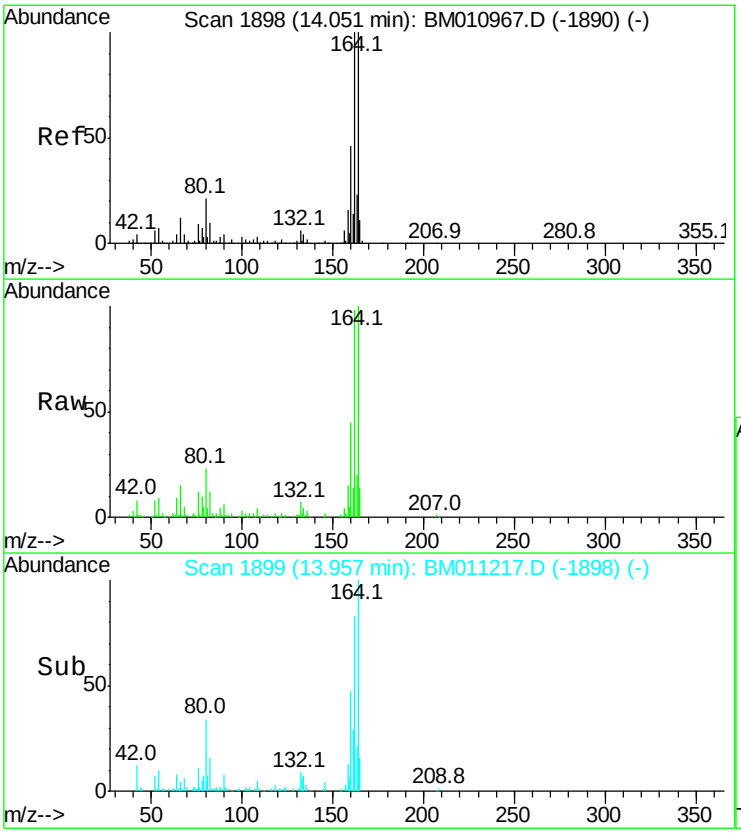
#23
Nitrobenzene-d5
Concen: 132.571 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

Tgt Ion: 82 Resp: 1276612

Ion	Ratio	Lower	Upper
82	100		
128	20.4	32.8	49.2#
54	49.1	40.6	60.8

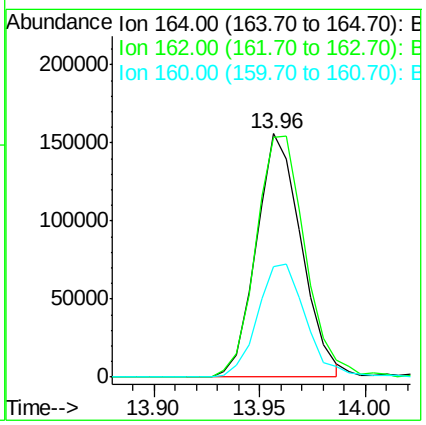


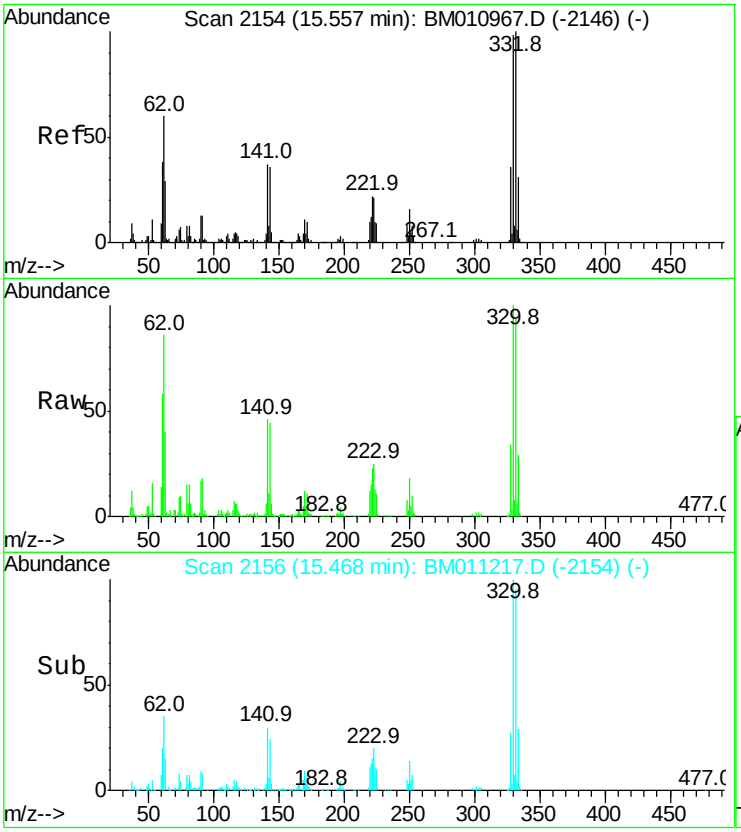


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1899
Delta R.T. -0.09 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Tgt Ion:164 Resp: 230691

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.4	123.6
160	45.5	35.8	53.6



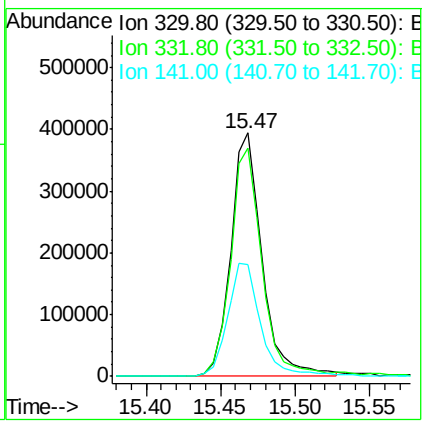


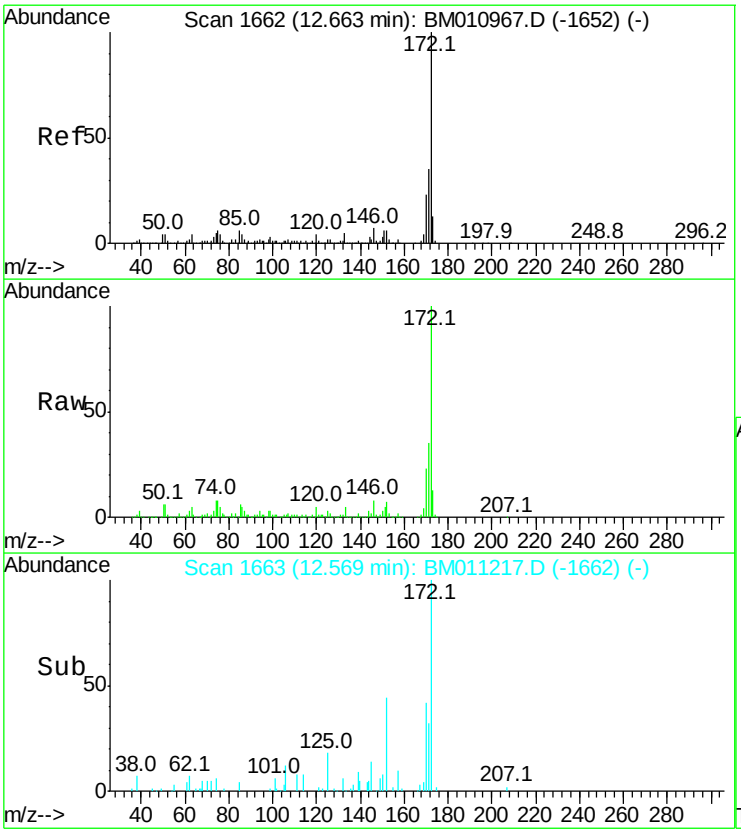
#41
2,4,6-Tribromophenol
Concen: 155.991 ng
RT: 15.47 min Scan# 2156
Delta R.T. -0.09 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

Tgt Ion:330 Resp: 576777

Ion	Ratio	Lower	Upper
330	100		
332	93.8	0.0	0.0#
141	48.8	0.0	0.0#

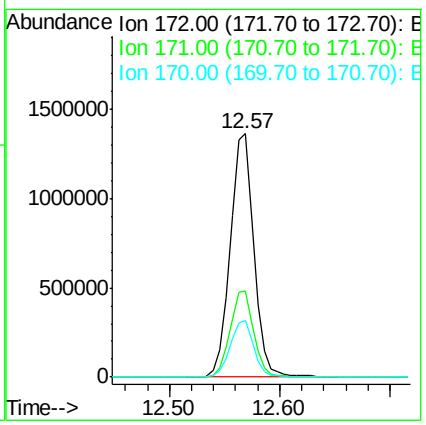


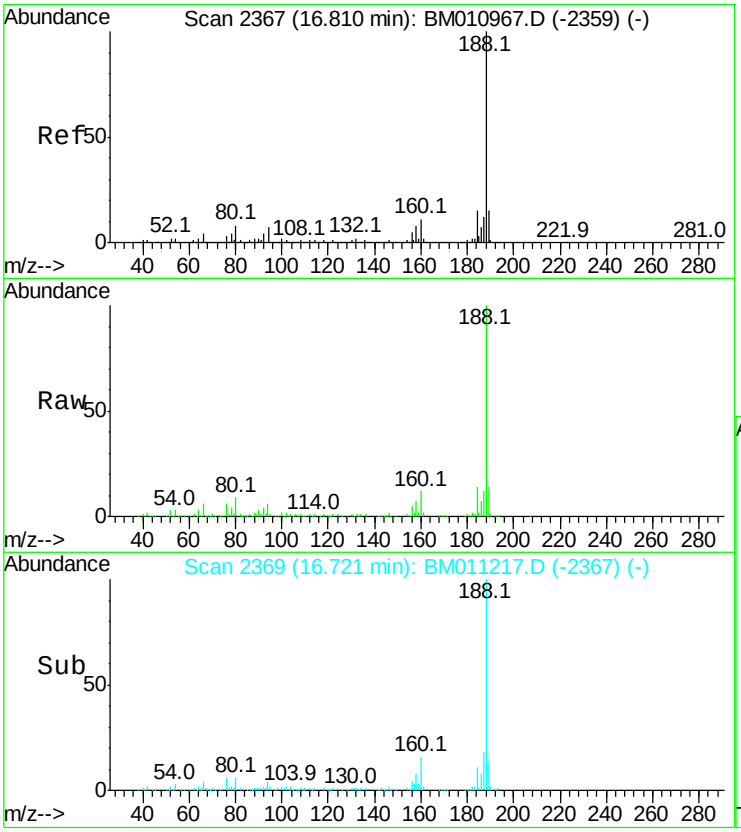


#44
2-Fluorobiphenyl
Concen: 111.849 ng
RT: 12.57 min Scan# 1663
Delta R.T. -0.09 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Tgt Ion:172 Resp: 2057394

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	18.8	28.2



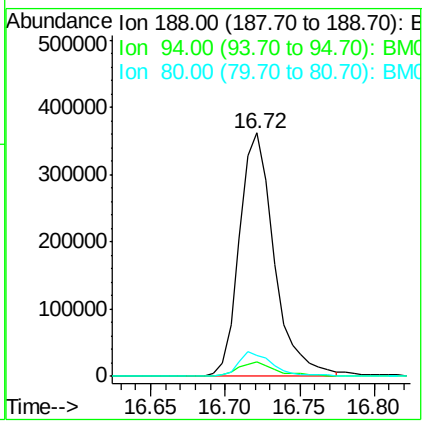


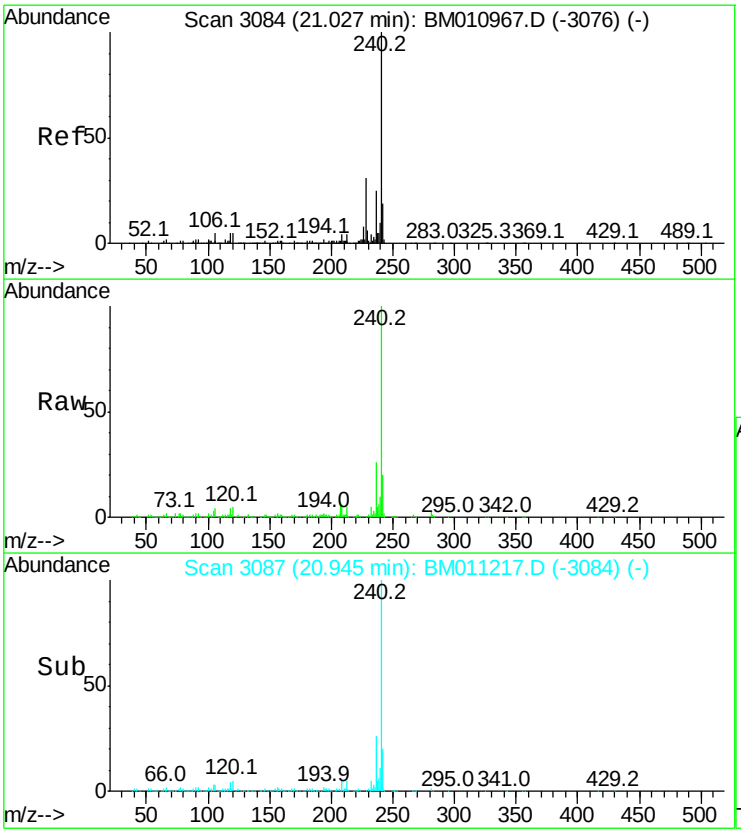
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

Tgt Ion:188 Resp: 585168

Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	8.8	9.3	13.9#

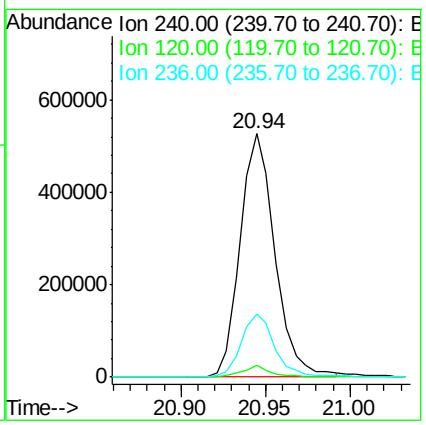


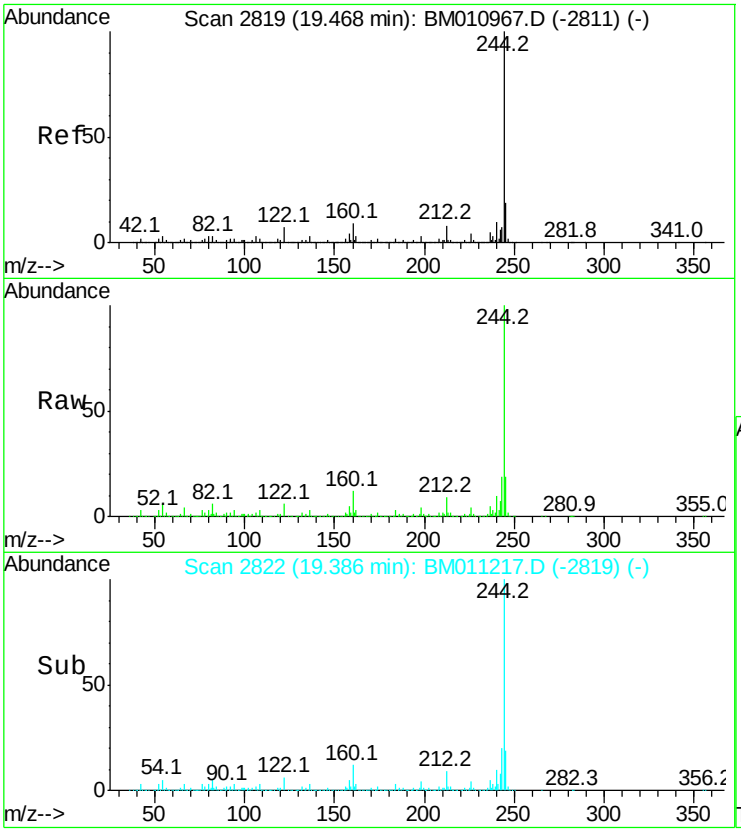


#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Tgt Ion:240 Resp: 754635

Ion	Ratio	Lower	Upper
240	100		
120	5.0	8.2	12.2#
236	26.1	20.0	30.0



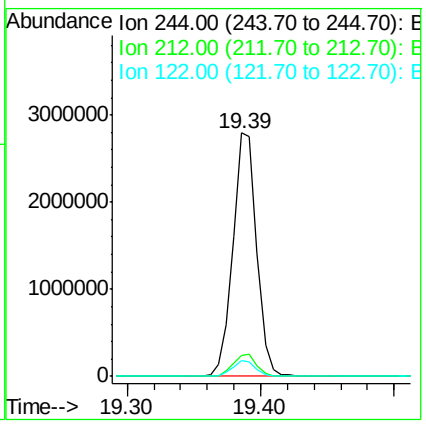


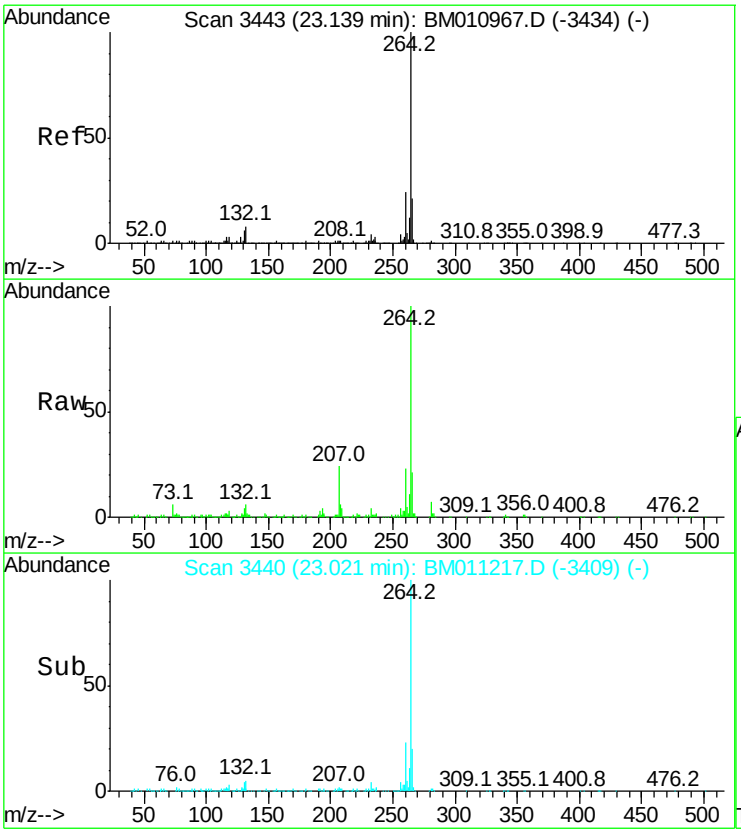
#78
Terphenyl-d14
Concen: 90.963 ng
RT: 19.39 min Scan# 2822
Delta R.T. -0.08 min
Lab File: BM011217.D
Acq: 12 Aug 2017 13:44

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-B

Tgt Ion:244 Resp: 3465354

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.2	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: BM011217.D
Acq: 12 Aug 2017 13:44

Tgt Ion:264 Resp: 746466

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.0	17.3	25.9