Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 08 05:46:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	60670	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	290281	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	188617	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	498423	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	671702	20.00	ng	-0.02
86) Perylene-d12	23.67	264	588497	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	216921	56.92	ng	-0.01
7) Phenol-d6	6.95	99	204610	35.03	ng	-0.02
23) Nitrobenzene-d5	8.94	82	597195	74.45	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	320005	124.22	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1059458	73.18	ng	-0.02
78) Terphenyl-d14	19.80	244	2131104	65.09	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.86	117	51974	24.20	ng	# 2
24) Nitrobenzene	8.94	77	21852	2.62	ng	# 11
51) Acenaphthene	14.49	154	37709	3.07	ng	90
57) Fluorene	15.47	166	66163	3.99	ng	# 92
64) 4,6-Dinitro-2-methylphenol	15.62	198	374	6.00	ng	# 1

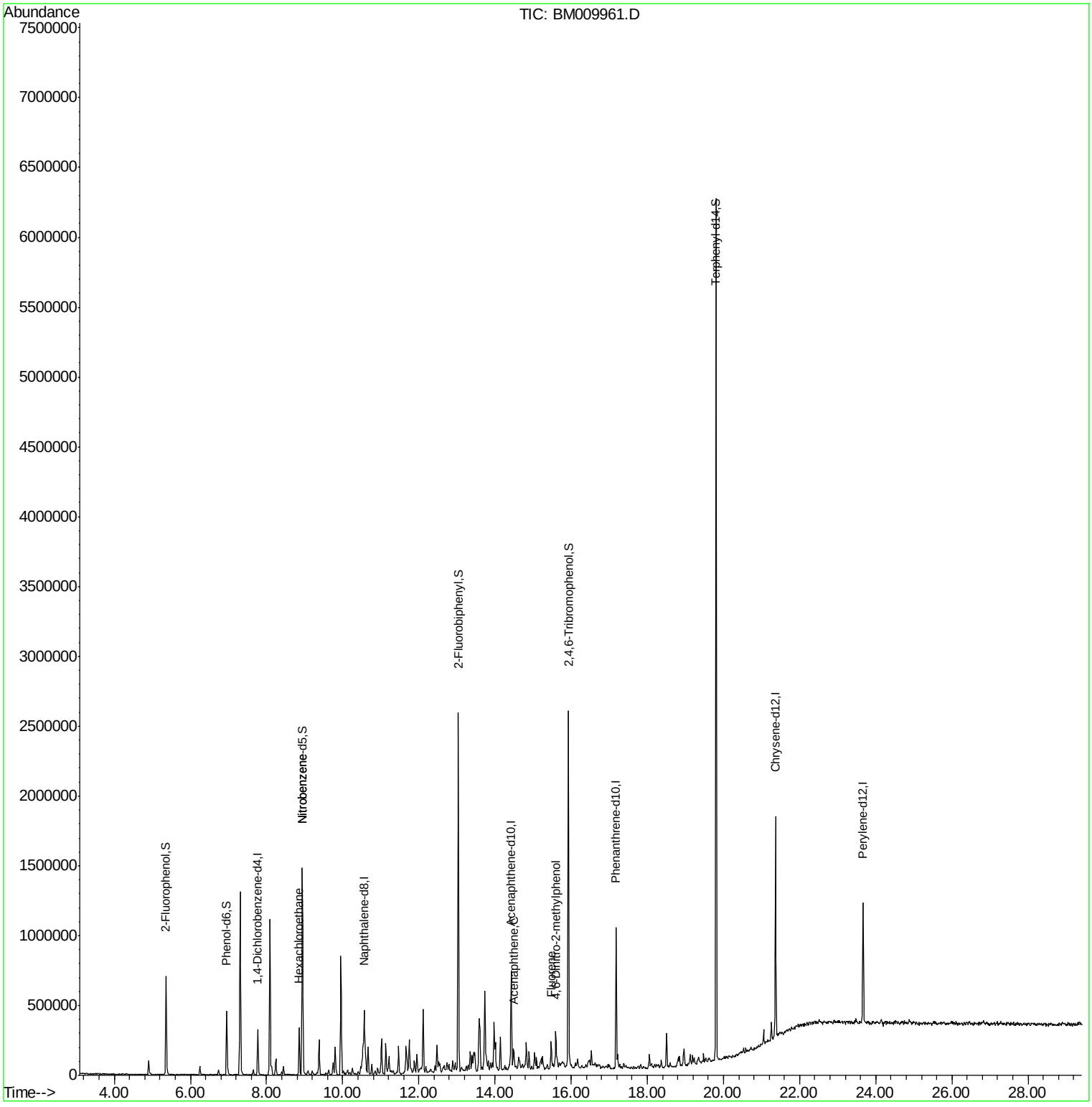
(#) = qualifier out of range (m) = manual integration (+) = signals summed

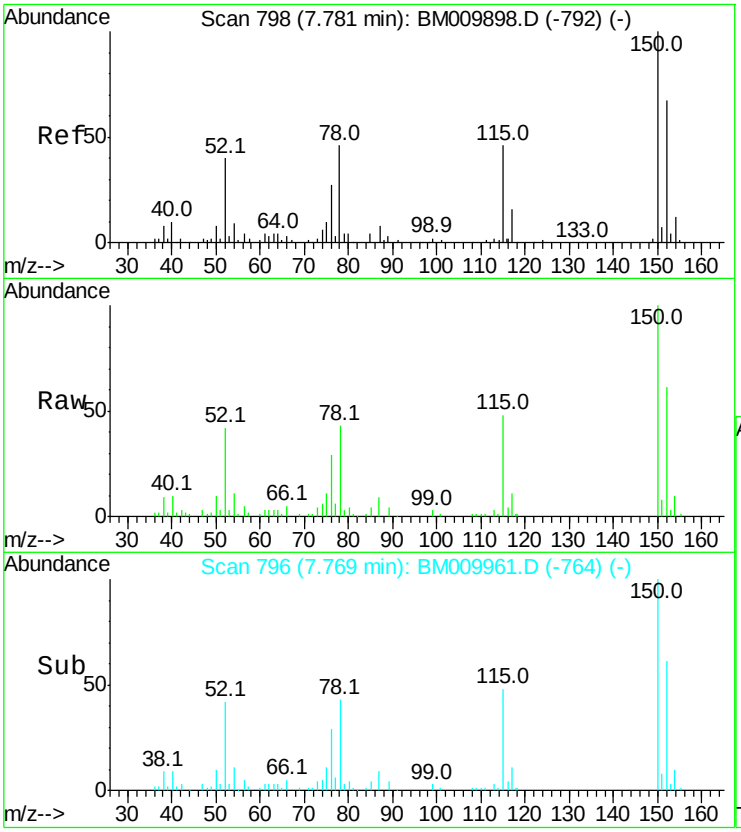
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
Data File : BM009961.D
Acq On : 07 May 2017 03:27
Operator : SJ/MA
Sample : I2997-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 08 05:46:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration



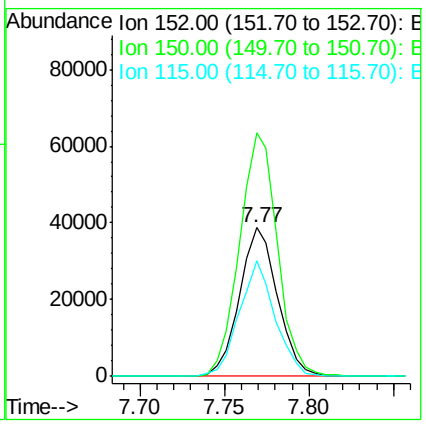


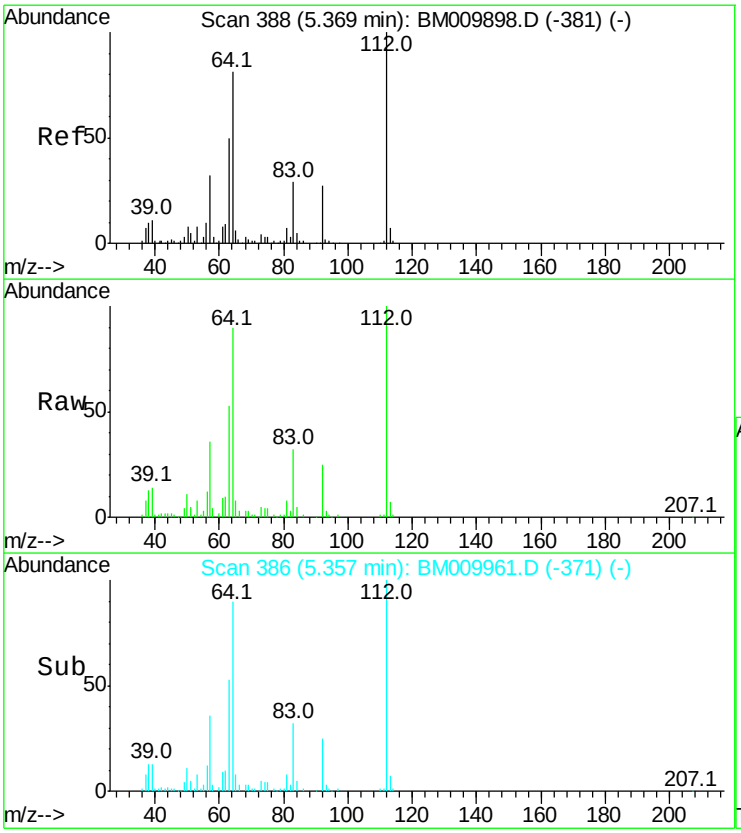
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 60670

Ion	Ratio	Lower	Upper
152	100		
150	164.1	119.5	179.3
115	77.9	43.0	64.4#

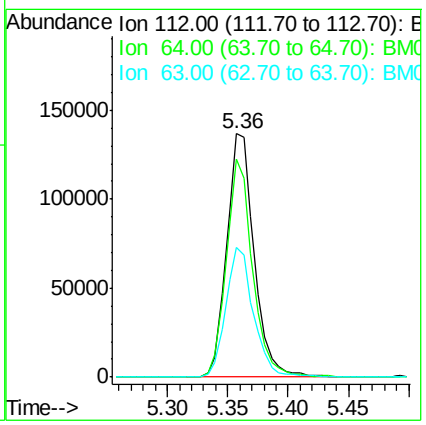


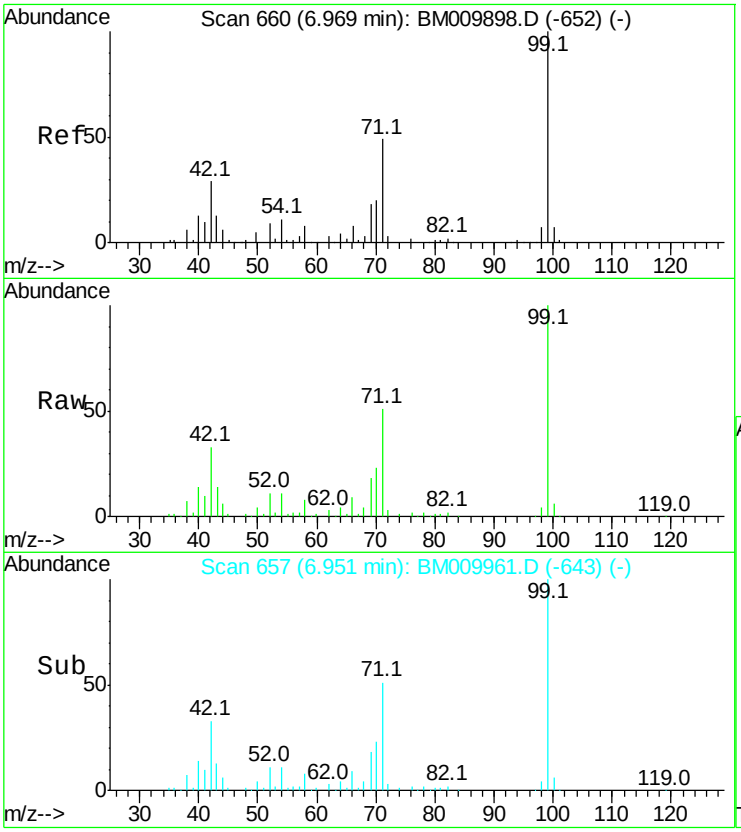


#5
2-Fluorophenol
Concen: 56.92 ng
RT: 5.36 min Scan# 386
Delta R.T. -0.01 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion:112 Resp: 216921

Ion	Ratio	Lower	Upper
112	100		
64	89.7	38.6	57.8#
63	53.3	19.3	28.9#



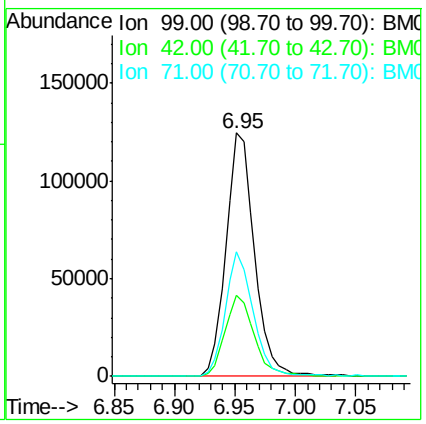


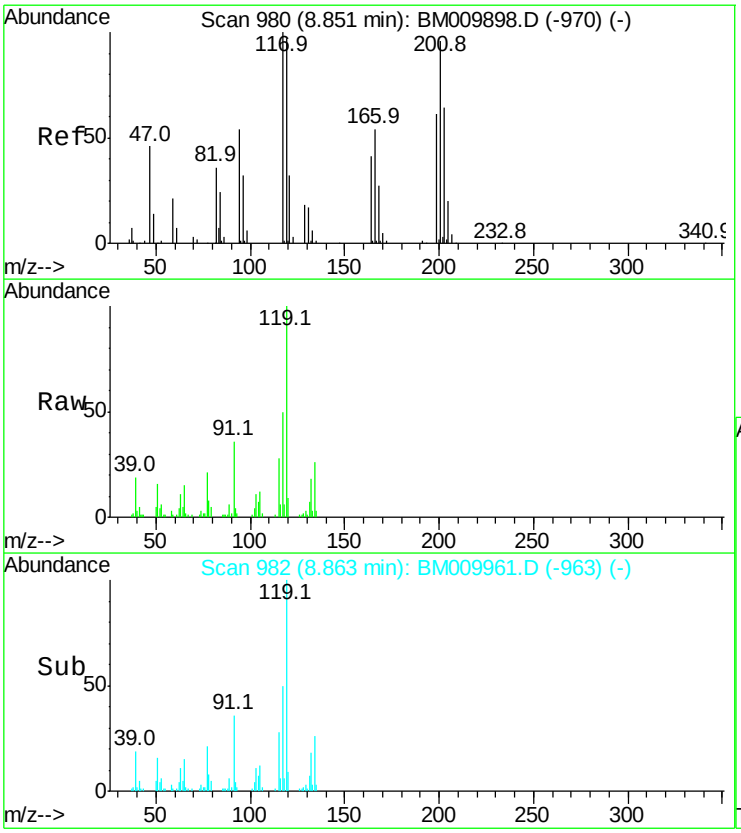
#7
Phenol-d6
Concen: 35.03 ng
RT: 6.95 min Scan# 657
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 204610

Ion	Ratio	Lower	Upper
99	100		
42	33.3	11.0	16.4#
71	51.4	23.4	35.2#

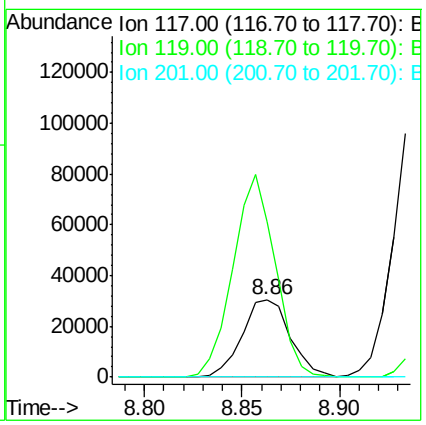


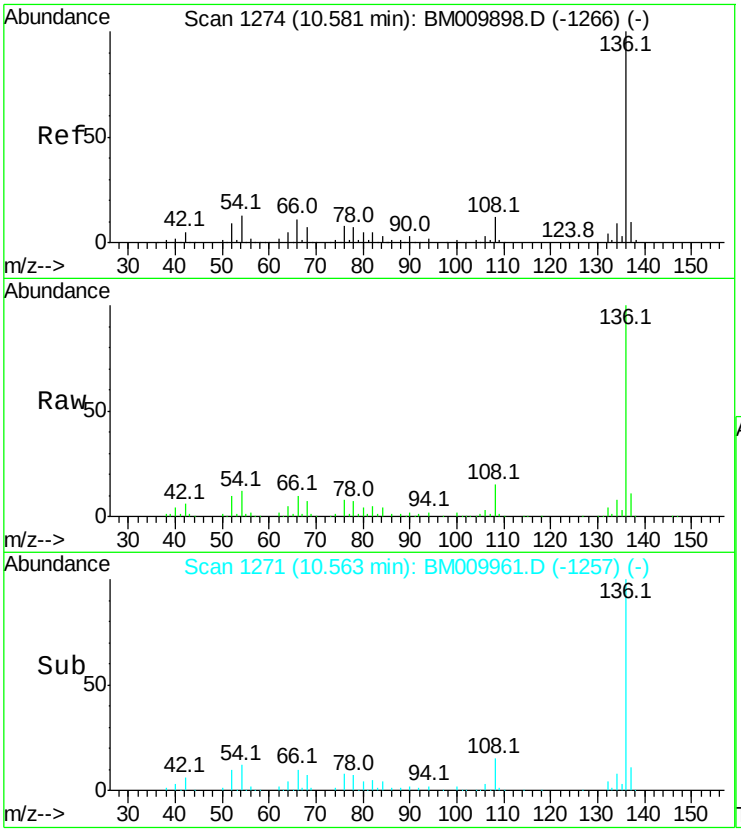


#18
Hexachloroethane
Concen: 24.20 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion:117 Resp: 51974

Ion	Ratio	Lower	Upper
117	100		
119	199.9	79.2	118.8#
201	0.0	69.8	104.6#



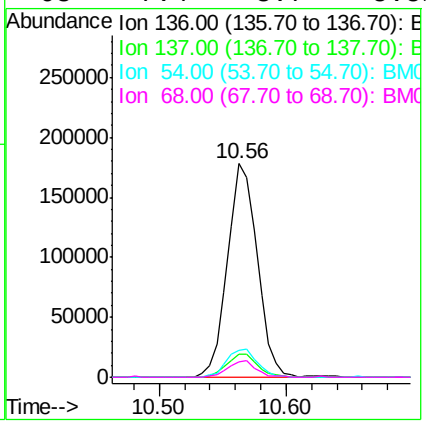


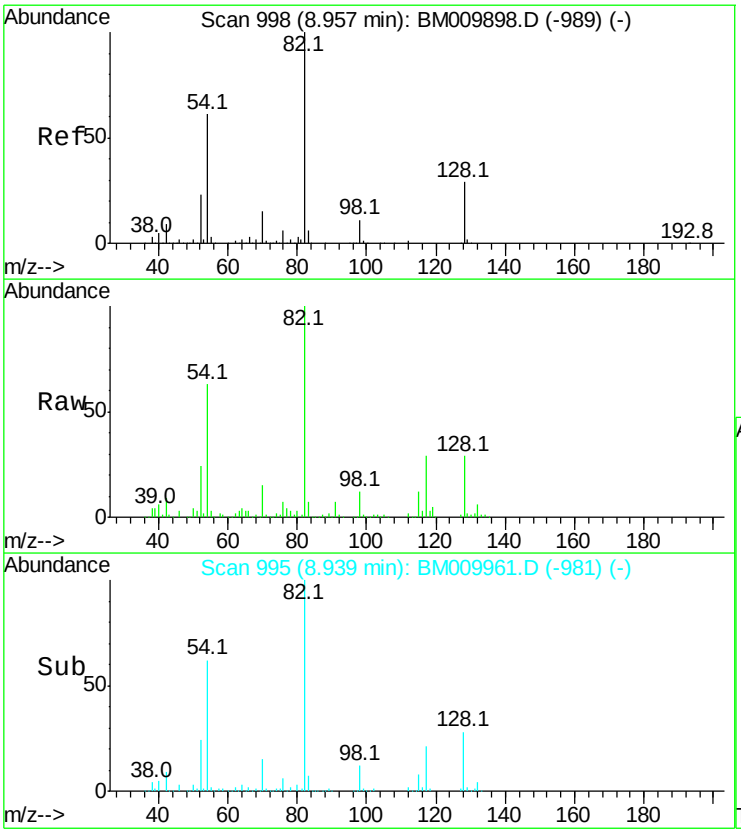
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 290281

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	12.4	4.6	6.8#
68	7.4	3.7	5.5#

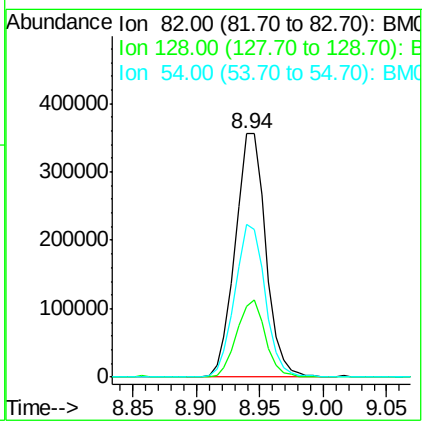


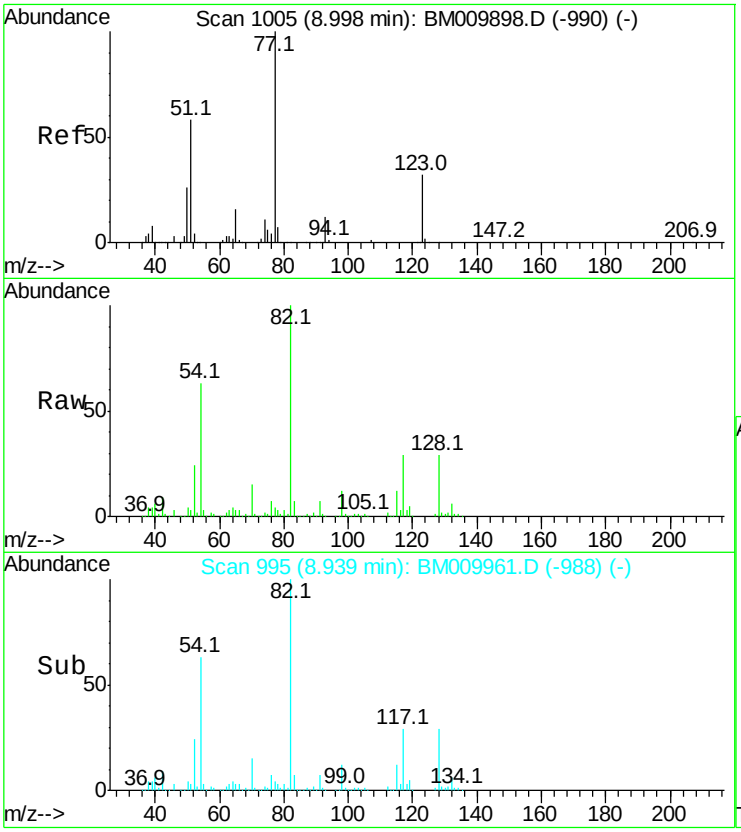


#23
Nitrobenzene-d5
Concen: 74.45 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion: 82 Resp: 597195

Ion	Ratio	Lower	Upper
82	100		
128	28.9	32.8	49.2#
54	62.5	40.6	60.8#



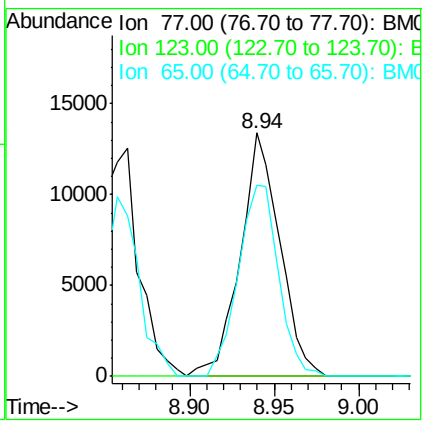


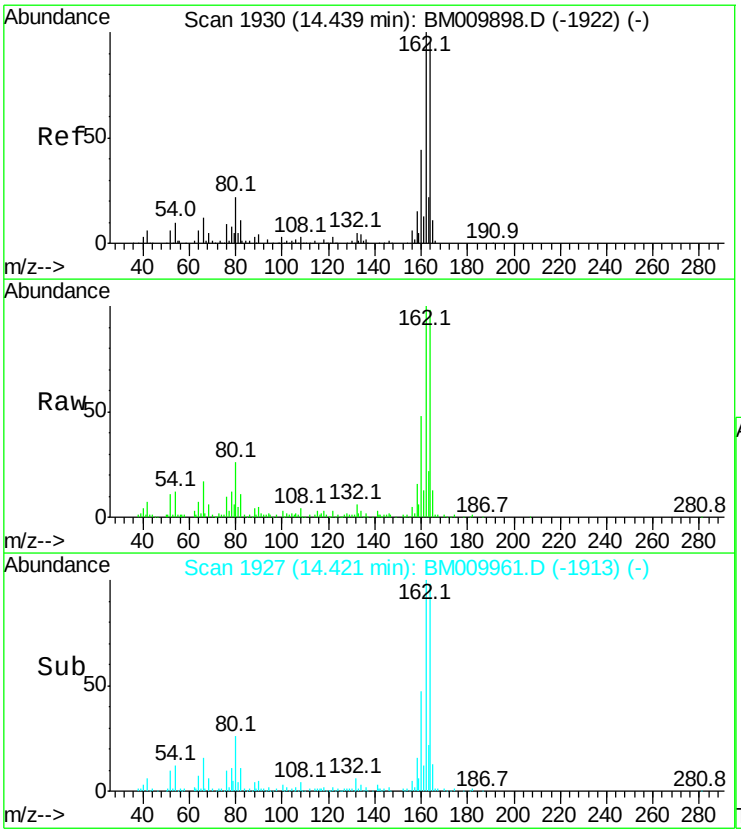
#24
Nitrobenzene
Concen: 2.62 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.06 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 21852

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	78.7	10.9	16.3#

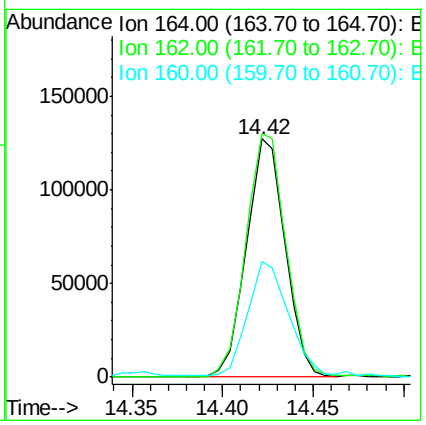


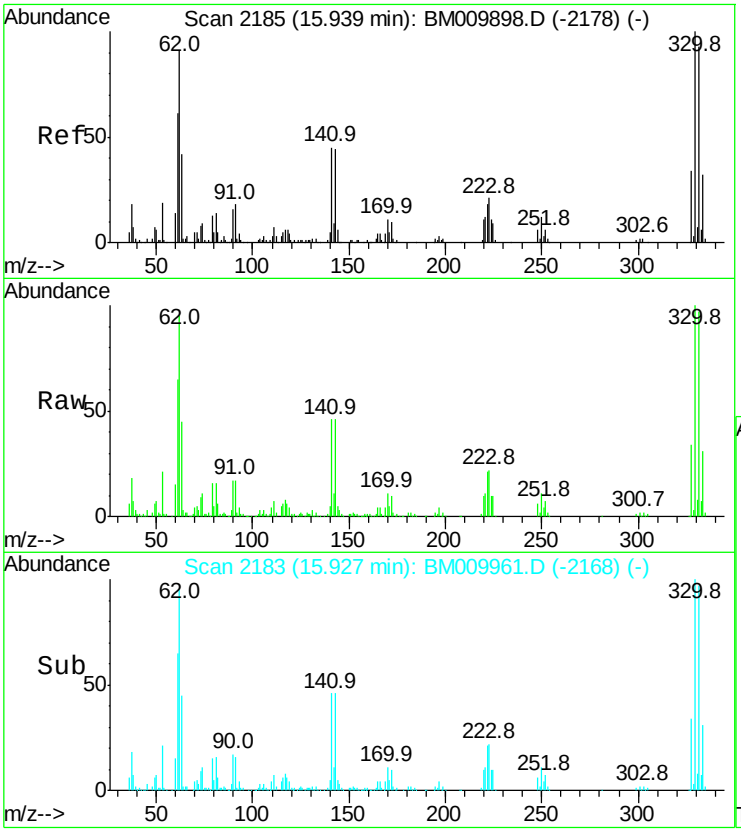


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion:164 Resp: 188617

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	48.8	35.8	53.6



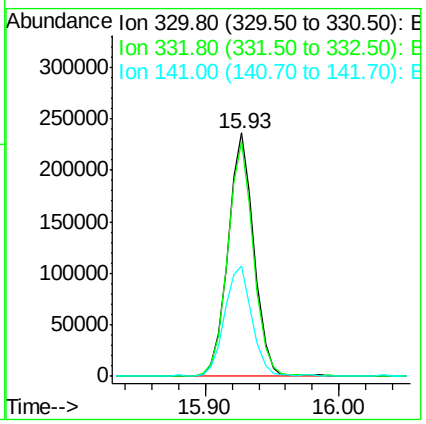


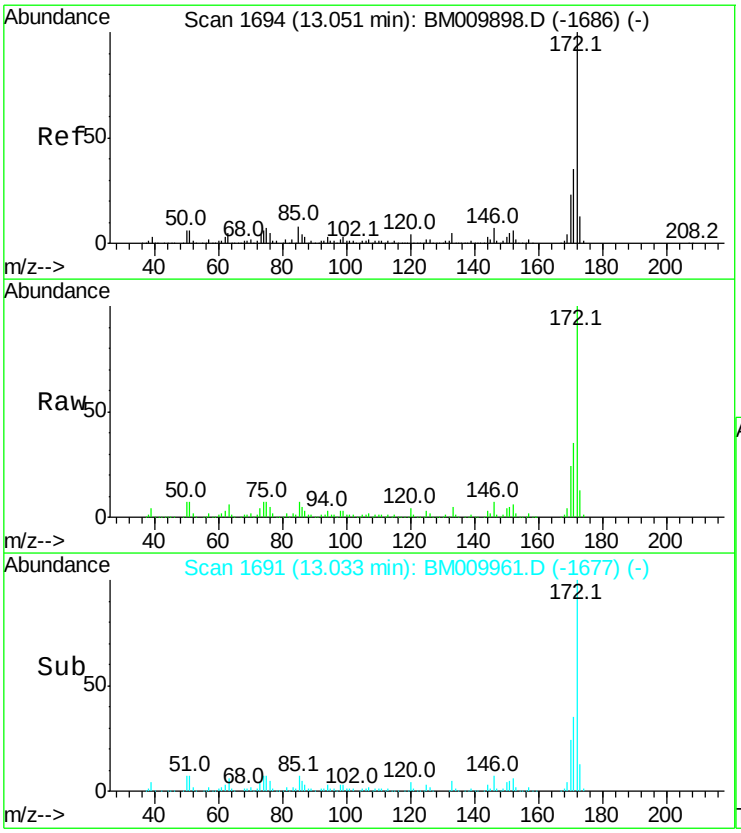
#41
2,4,6-Tribromophenol
Concen: 124.22 ng
RT: 15.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 320005

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	47.8	0.0	0.0#

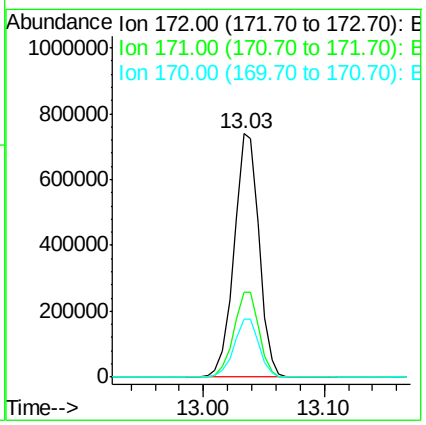


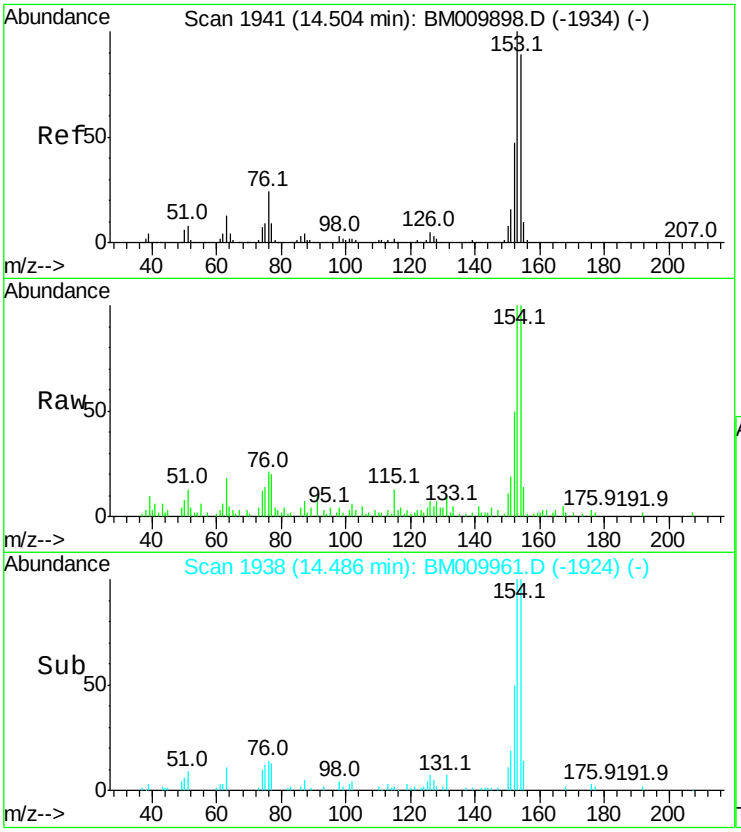


#44
2-Fluorobiphenyl
Concen: 73.18 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion:172 Resp: 1059458

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.9	18.8	28.2



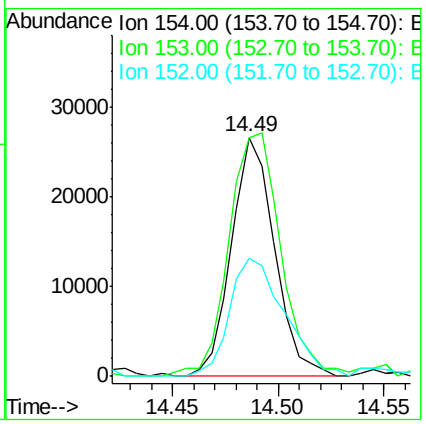


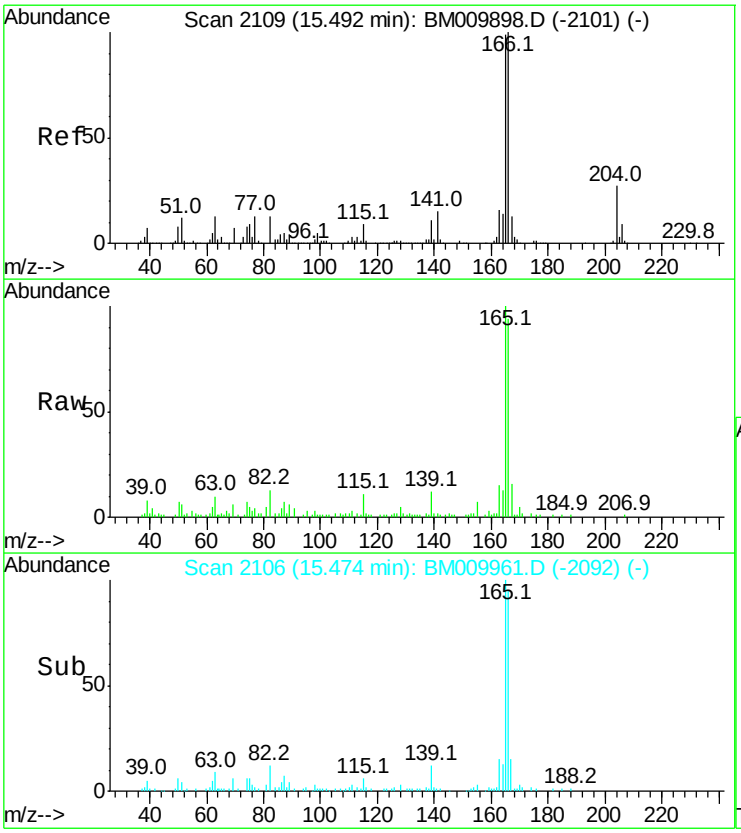
#51
Acenaphthene
Concen: 3.07 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 37709

Ion	Ratio	Lower	Upper
154	100		
153	99.9	90.0	135.0
152	49.6	42.6	63.8

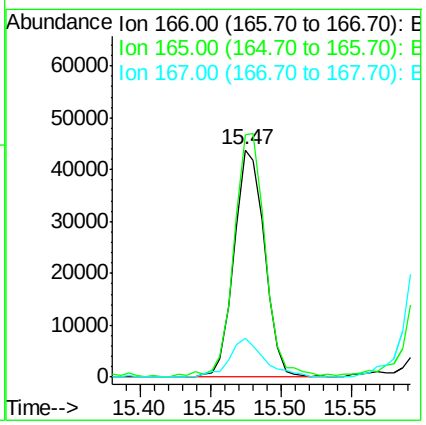


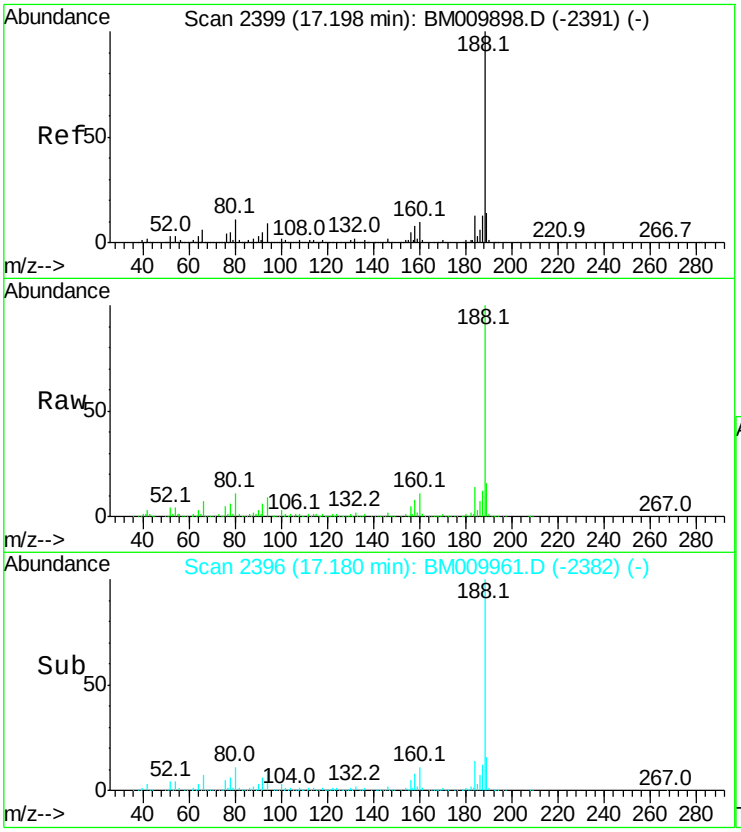


#57
Fluorene
Concen: 3.99 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion:166 Resp: 66163

Ion	Ratio	Lower	Upper
166	100		
165	106.6	79.0	118.4
167	16.8	10.3	15.5#



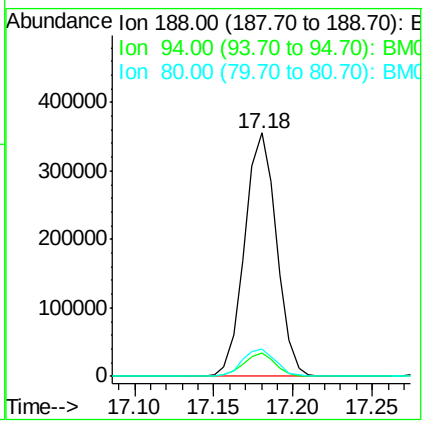


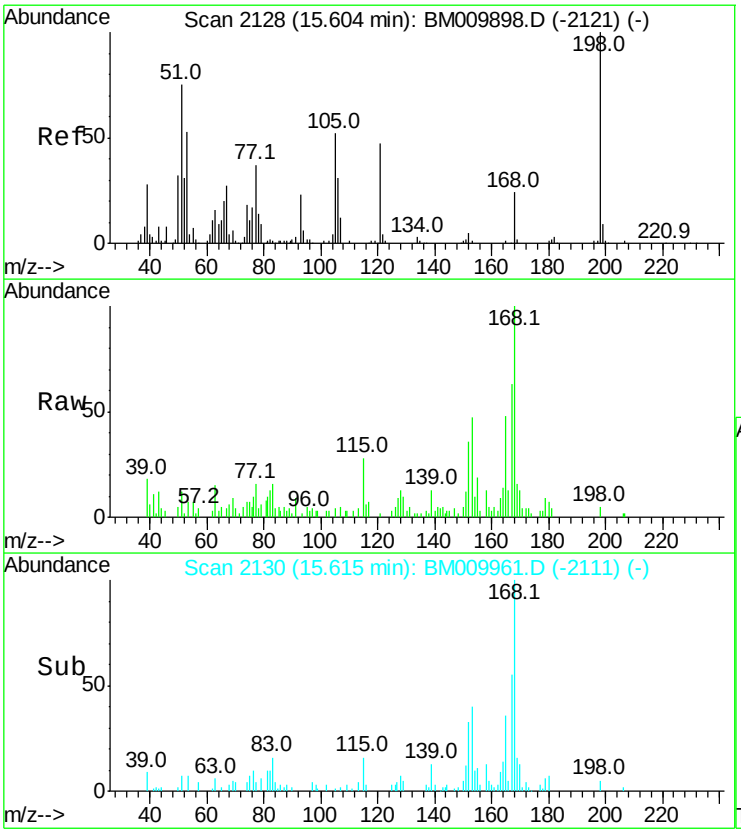
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 498423

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.7	13.1
80	11.4	9.3	13.9

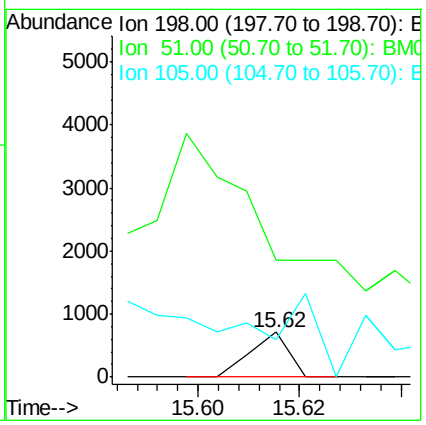


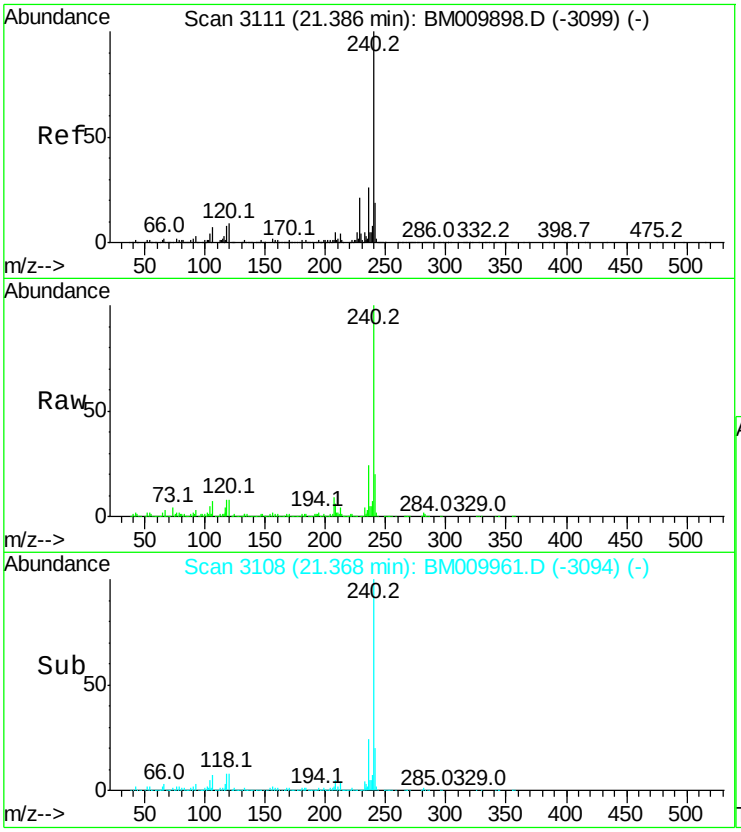


#64
4,6-Dinitro-2-methylphenol
Concen: 6.00 ng
RT: 15.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion:198 Resp: 374

Ion	Ratio	Lower	Upper
198	100		
51	260.4	28.8	68.8#
105	84.9	30.5	70.5#



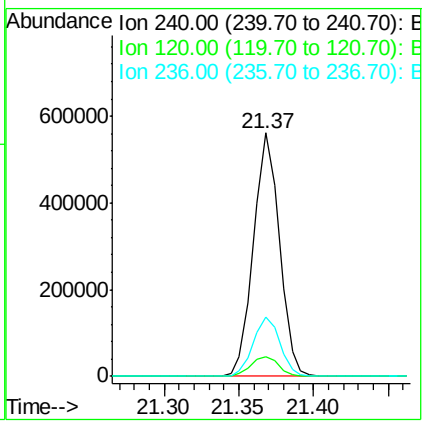


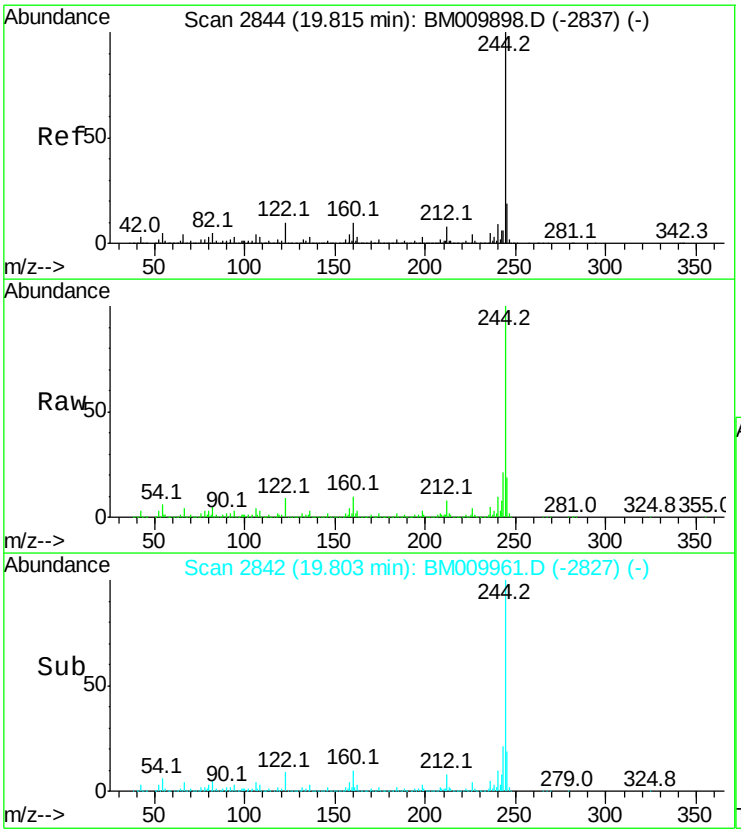
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 671702

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	24.4	20.0	30.0

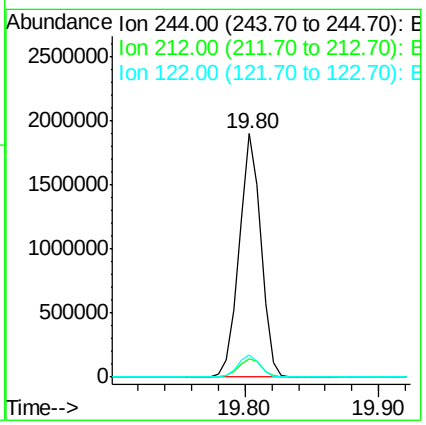


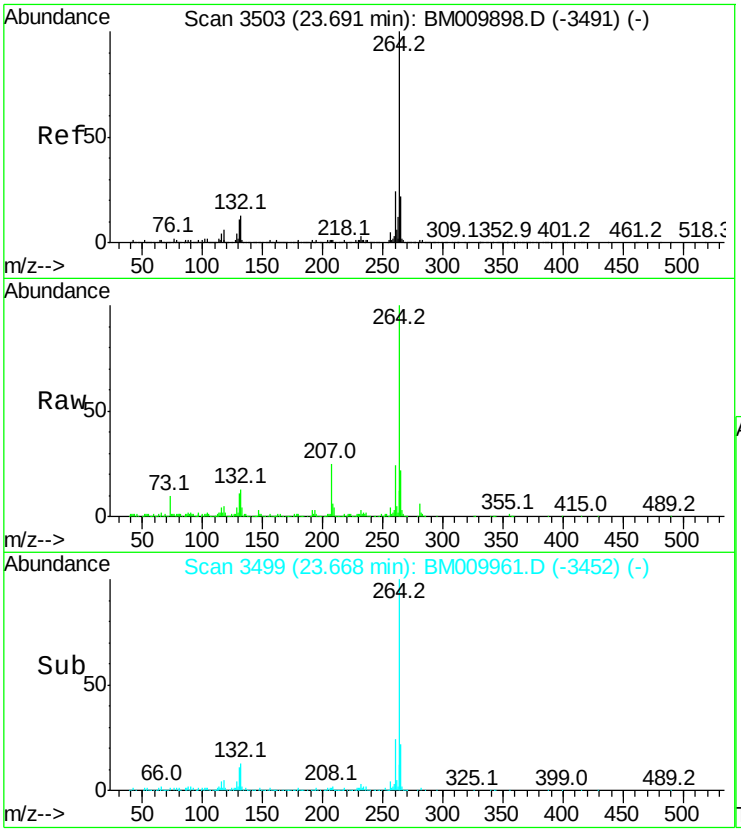


#78
Terphenyl-d14
Concen: 65.09 ng
RT: 19.80 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Tgt Ion:244 Resp: 2131104

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	8.9	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM009961.D
Acq: 07 May 2017 03:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 588497

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.2	17.3	25.9