Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021318\
Data File : BM014227.D
Acq On : 13 Feb 2018 18:45
Operator : SJ/JU
Sample : J1515-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-2

Quant Time: Feb 14 05:00:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	99936	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	407194	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	261196	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	654016	20.00	ng	0.00
75) Chrysene-d12	21.16	240	671698	20.00	ng	0.00
86) Perylene-d12	23.33	264	462944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	402977	70.28	ng	0.00
7) Phenol-d6	6.73	99	320351	39.45	ng	0.00
23) Nitrobenzene-d5	8.70	82	885469	97.13	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	508236	137.13	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1934271	92.44	ng	0.00
78) Terphenyl-d14	19.60	244	3384778	98.46	ng	0.00
Target Compounds						Qvalue

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

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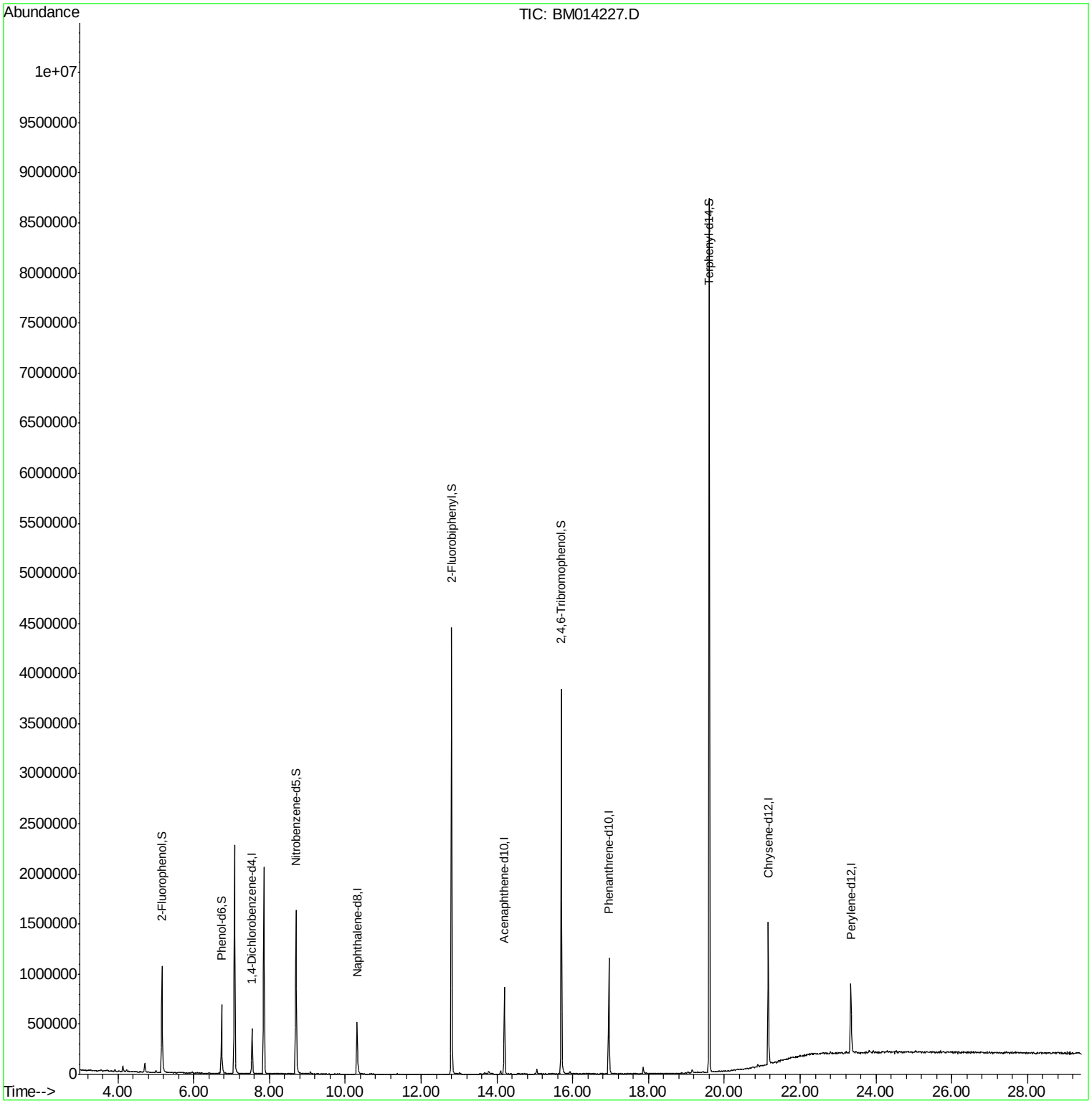
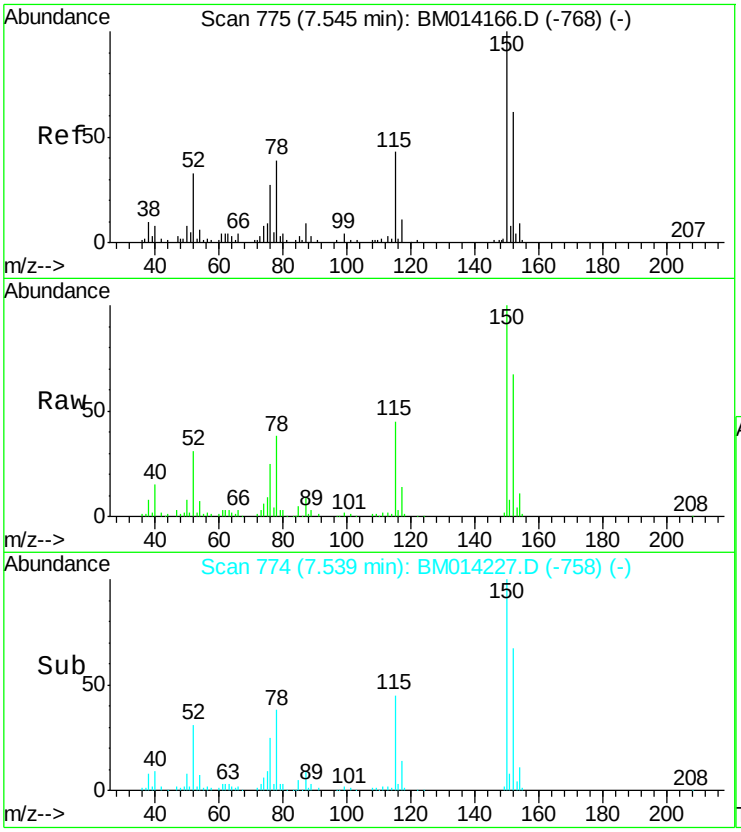


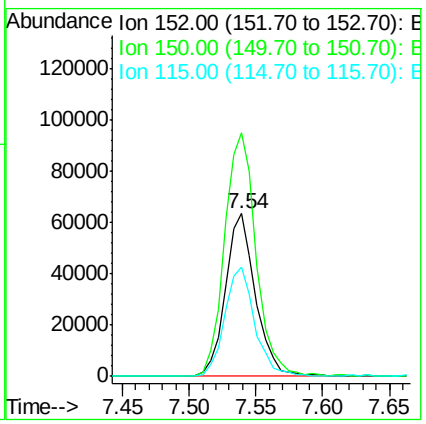


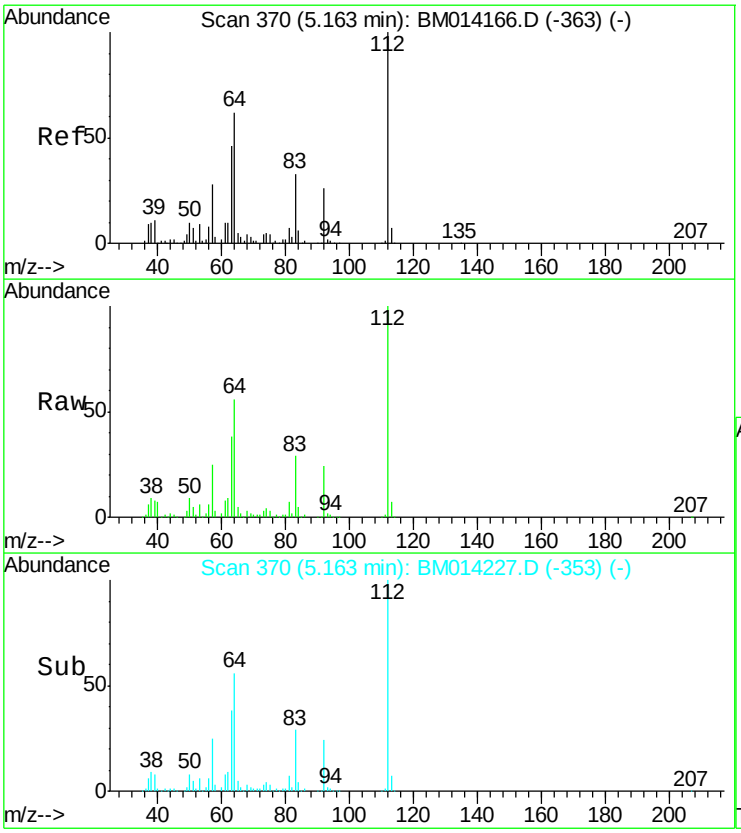
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 99936

Ion	Ratio	Lower	Upper
152	100		
150	149.7	119.5	179.3
115	67.0	43.0	64.4#

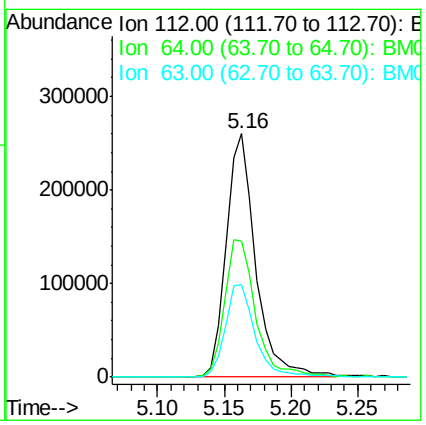


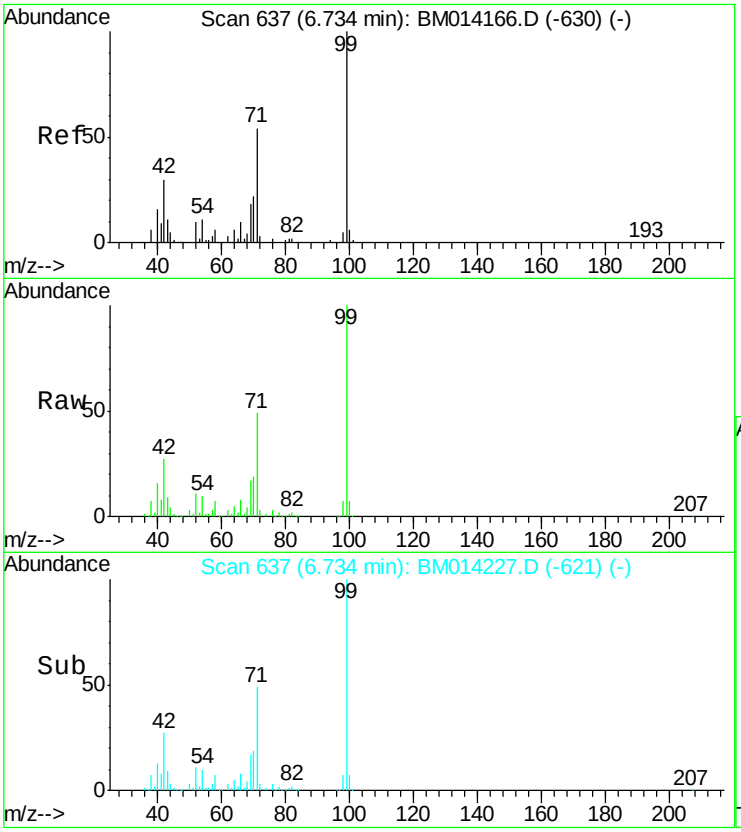


#5
2-Fluorophenol
Concen: 70.283 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Tgt Ion:112 Resp: 402977

Ion	Ratio	Lower	Upper
112	100		
64	56.0	38.6	57.8
63	37.8	19.3	28.9#



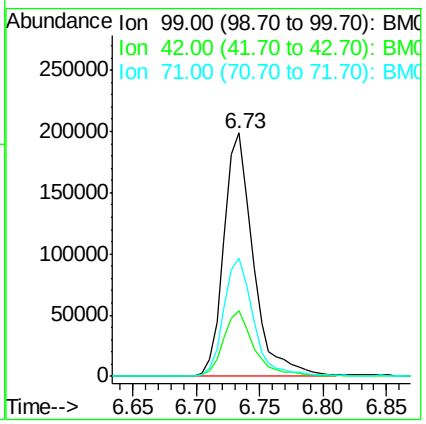


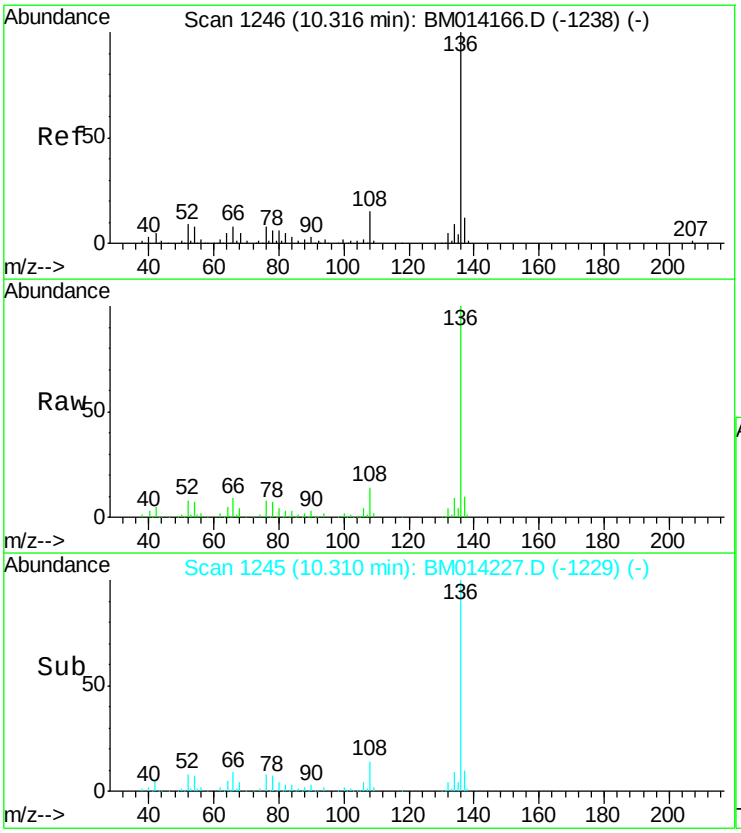
#7
Phenol-d6
Concen: 39.450 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 320351

Ion	Ratio	Lower	Upper
99	100		
42	26.9	11.0	16.4#
71	48.8	23.4	35.2#

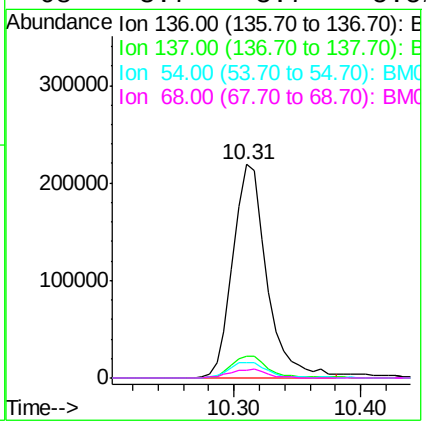


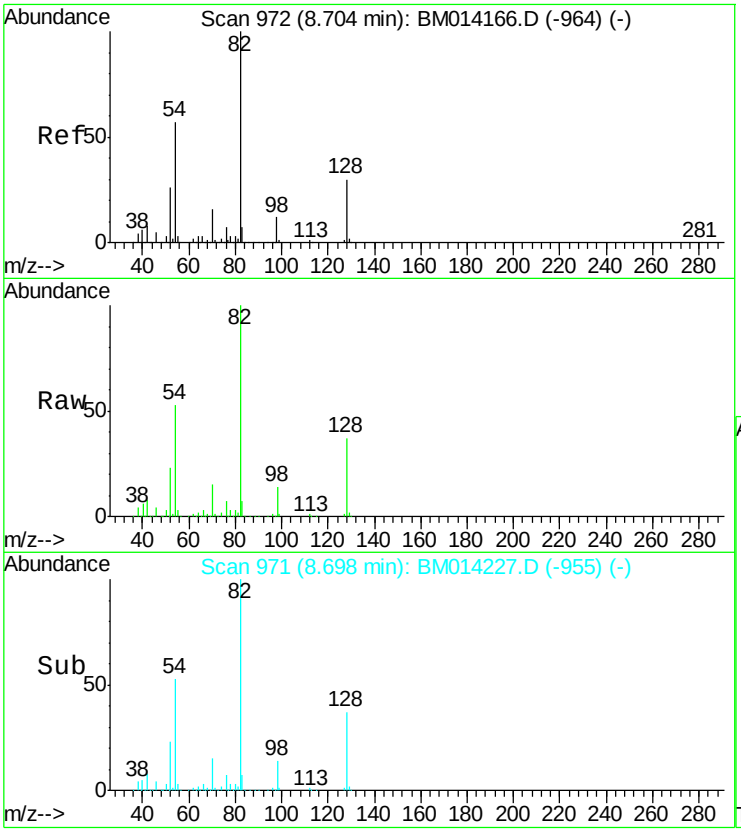


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Tgt Ion:136 Resp: 407194

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.9	4.6	6.8#
68	3.7	3.7	5.5#



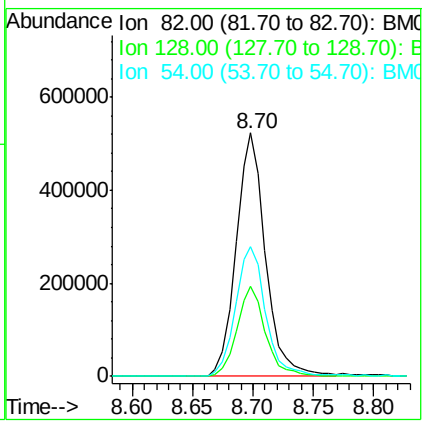


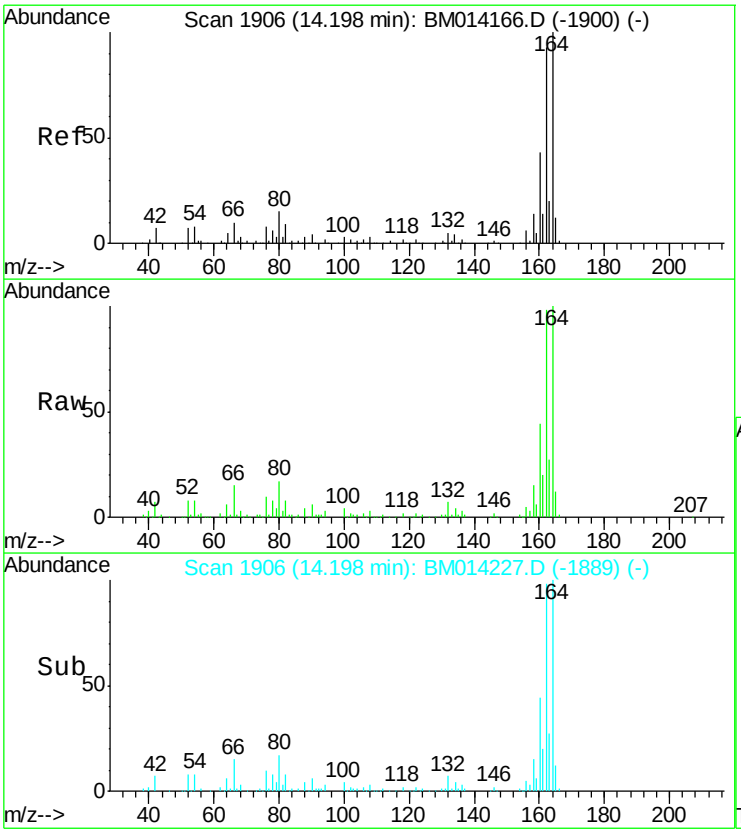
#23
Nitrobenzene-d5
Concen: 97.132 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 885469

Ion	Ratio	Lower	Upper
82	100		
128	36.8	32.8	49.2
54	53.4	40.6	60.8

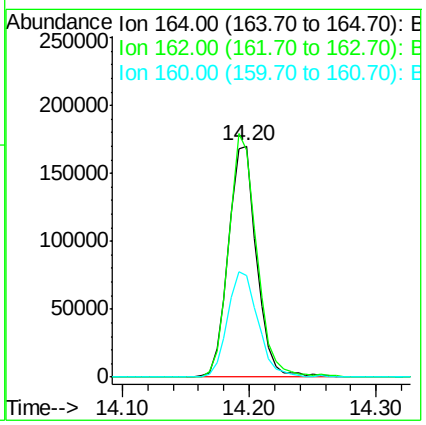


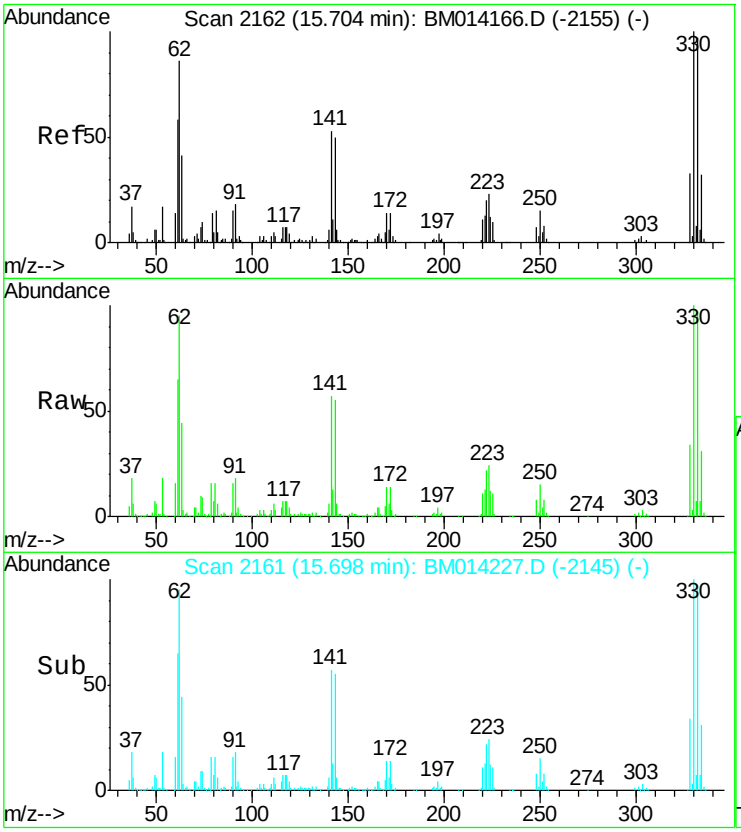


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Tgt Ion:164 Resp: 261196

Ion	Ratio	Lower	Upper
164	100		
162	98.3	82.4	123.6
160	44.2	35.8	53.6



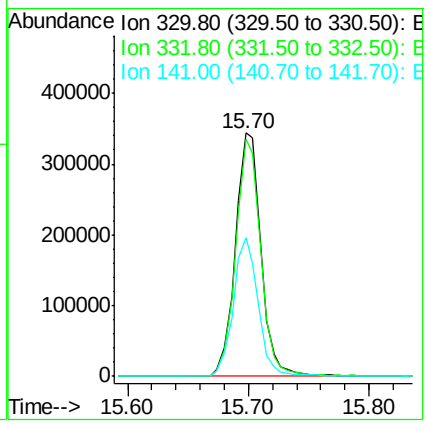


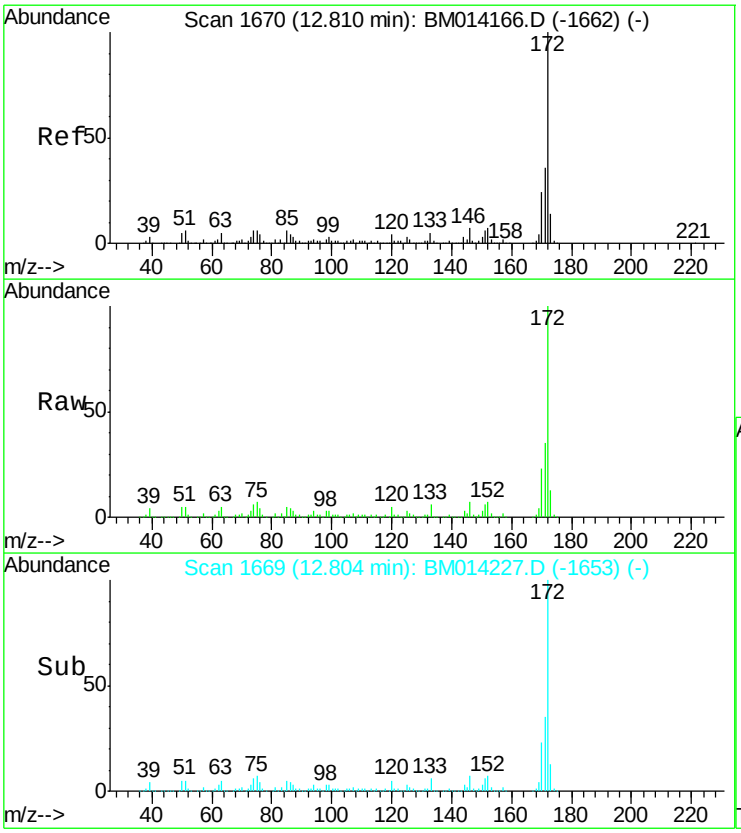
#41
2,4,6-Tribromophenol
Concen: 137.128 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 508236

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	55.3	0.0	0.0#

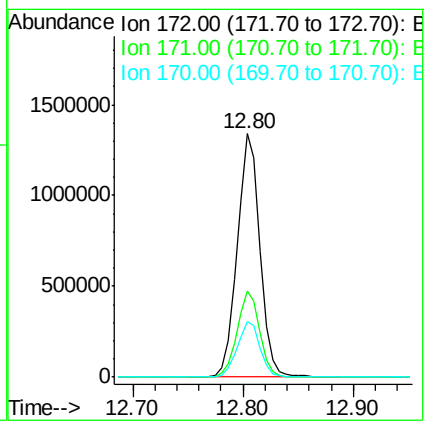


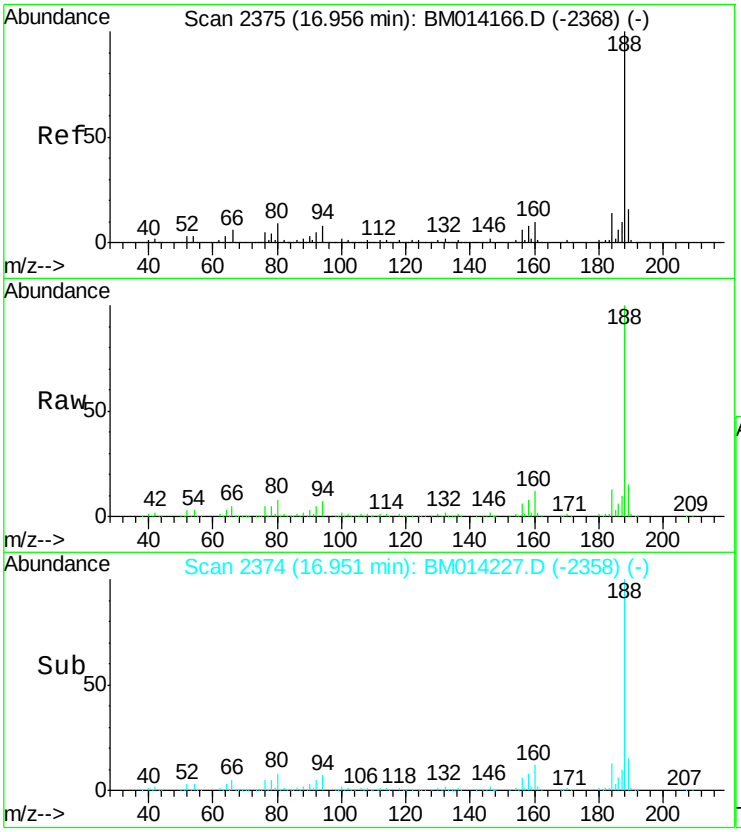


#44
2-Fluorobiphenyl
Concen: 92.443 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Tgt Ion:172 Resp: 1934271

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.6	18.8	28.2



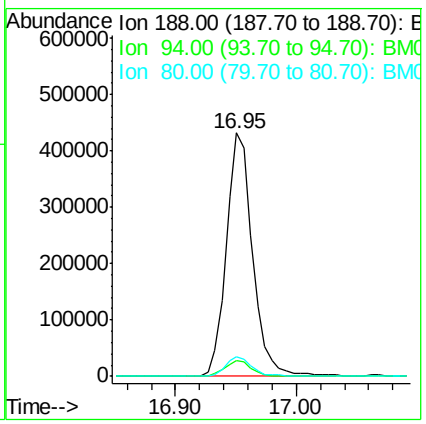


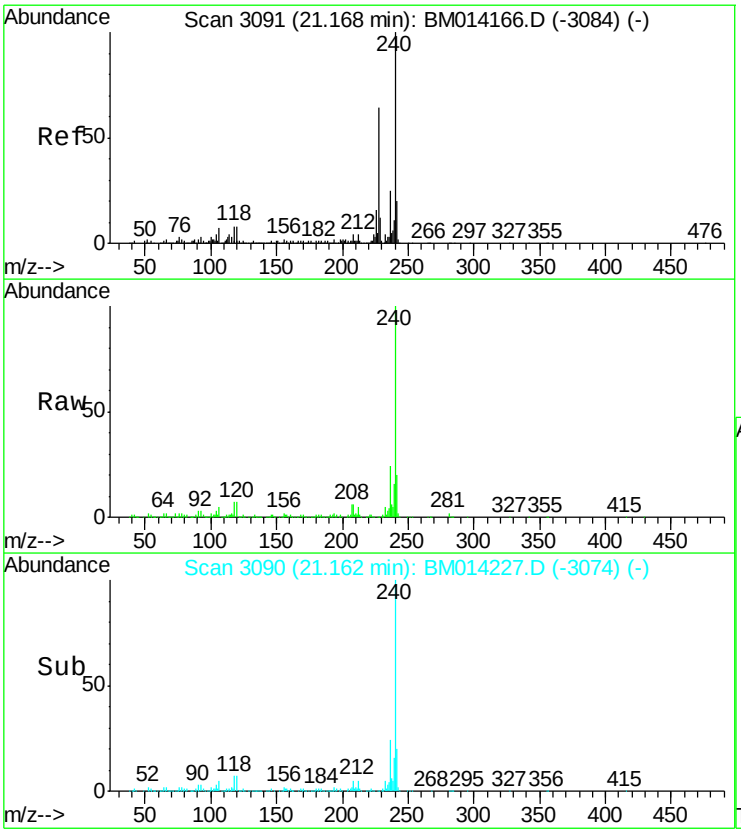
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 654016

Ion	Ratio	Lower	Upper
188	100		
94	6.6	8.7	13.1#
80	8.2	9.3	13.9#

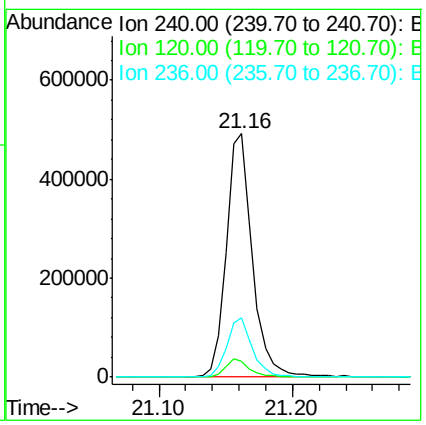


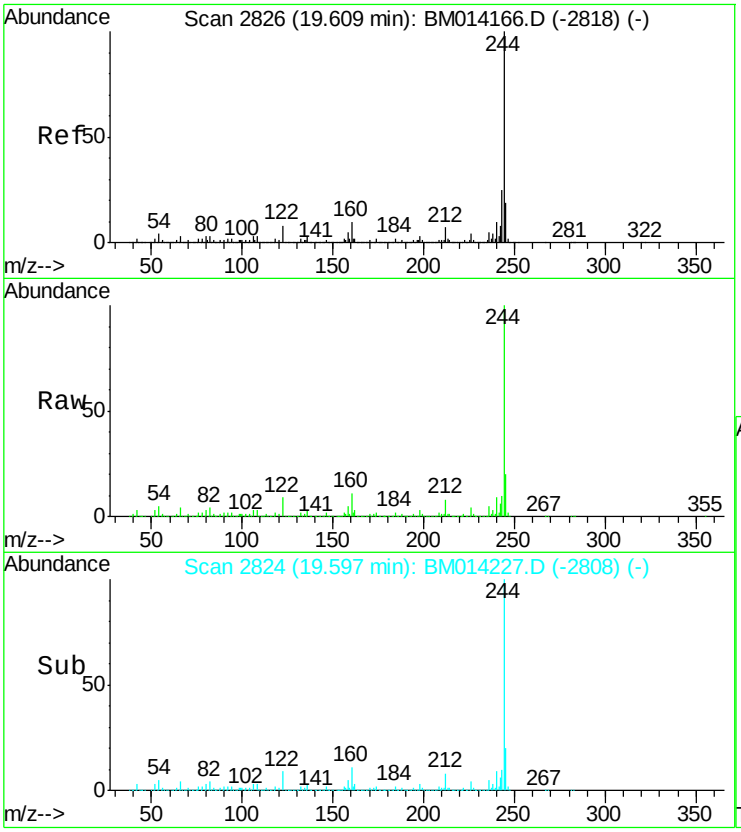


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Tgt Ion:240 Resp: 671698

Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.2	12.2#
236	24.3	20.0	30.0



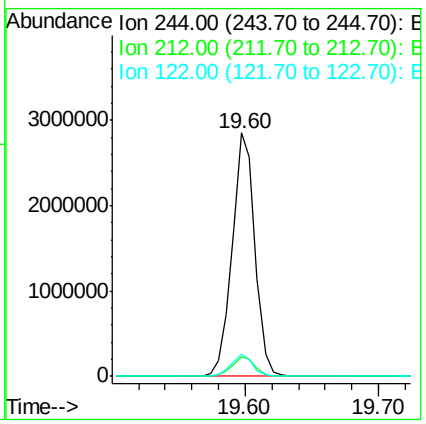


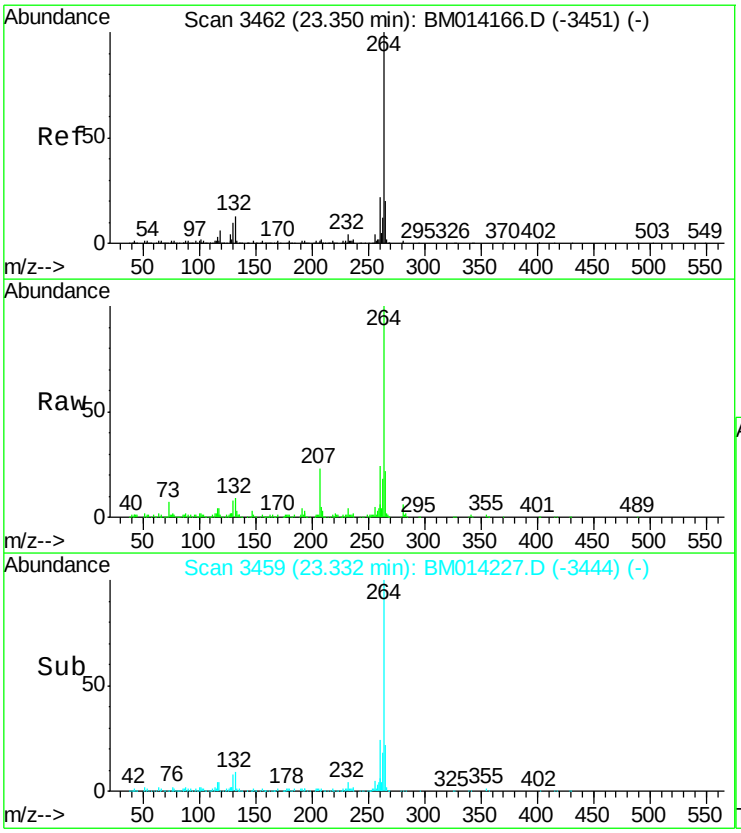
#78
Terphenyl-d14
Concen: 98.462 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Instrument :
BNA_M
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 3384778

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	9.1	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014227.D
Acq: 13 Feb 2018 18:45

Tgt Ion:264 Resp: 462944

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.4	17.3	25.9