Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM021318\
Data File : BM014225.D
Acq On : 13 Feb 2018 17:33
Operator : SJ/JU
Sample : J1518-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-5A

Quant Time: Feb 14 04:47:33 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	93512	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	417815	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	296140	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	745622	20.00	ng	0.00
75) Chrysene-d12	21.16	240	753395	20.00	ng	0.00
86) Perylene-d12	23.33	264	580569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	320494	59.74	ng	0.00
7) Phenol-d6	6.73	99	253951	33.42	ng	-0.01
23) Nitrobenzene-d5	8.70	82	864346	92.40	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	585621	139.36	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	2040785	86.02	ng	0.00
78) Terphenyl-d14	19.60	244	4055728	105.19	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.36	128	46088	2.015	ng	95

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

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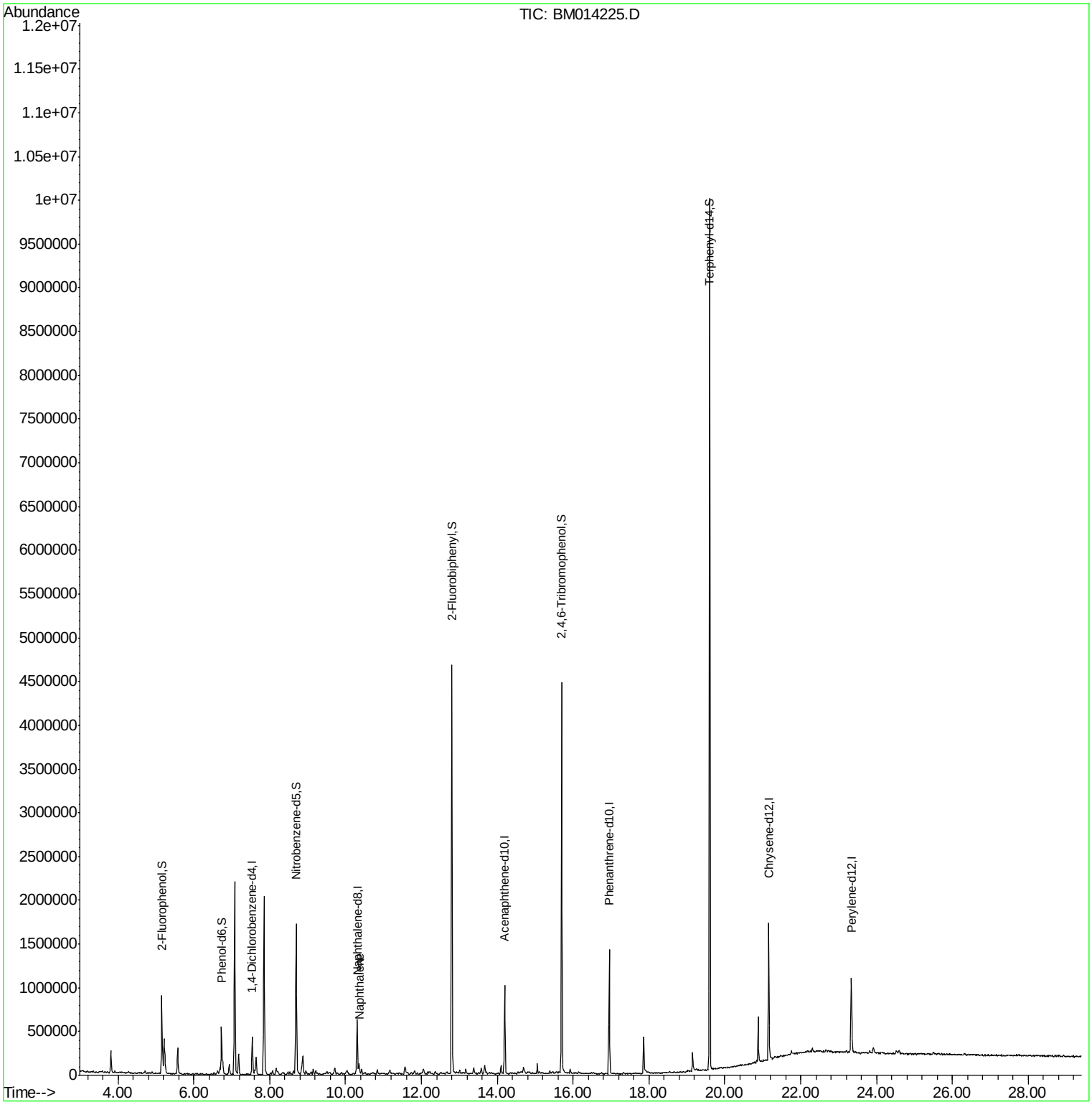
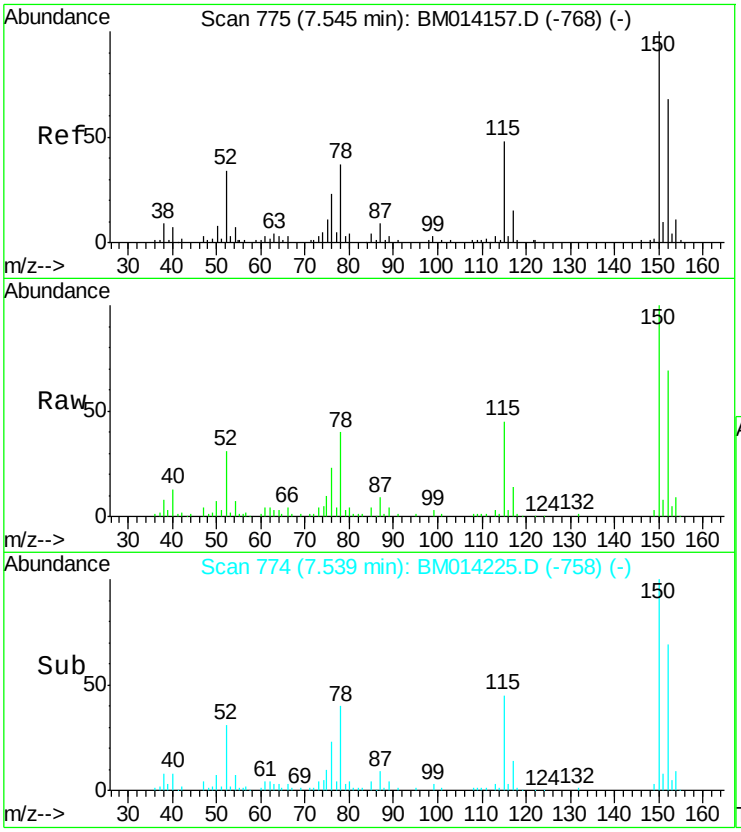


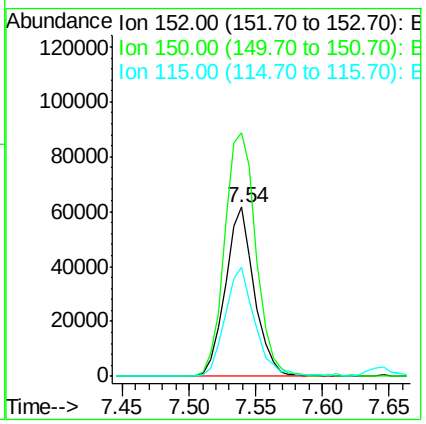


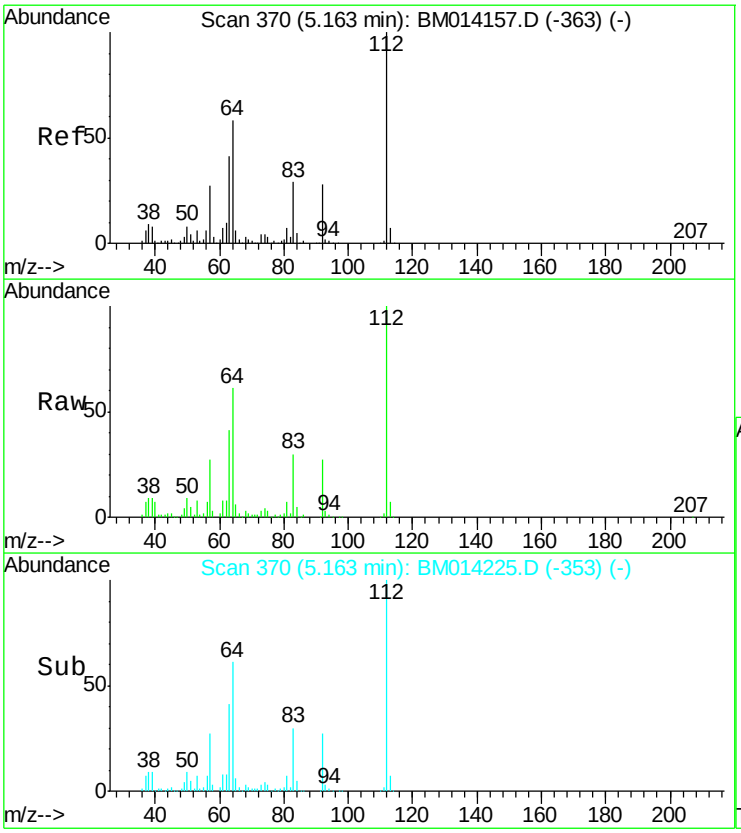
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tgt Ion:152 Resp: 93512

Ion	Ratio	Lower	Upper
152	100		
150	144.0	119.5	179.3
115	64.9	43.0	64.4#

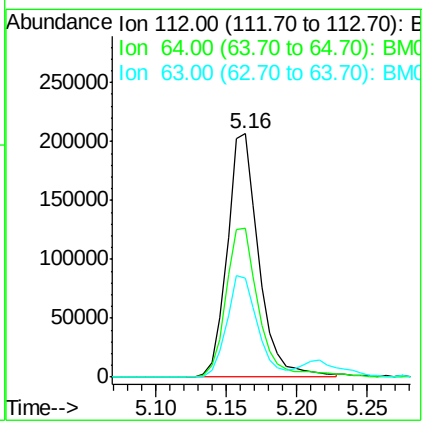


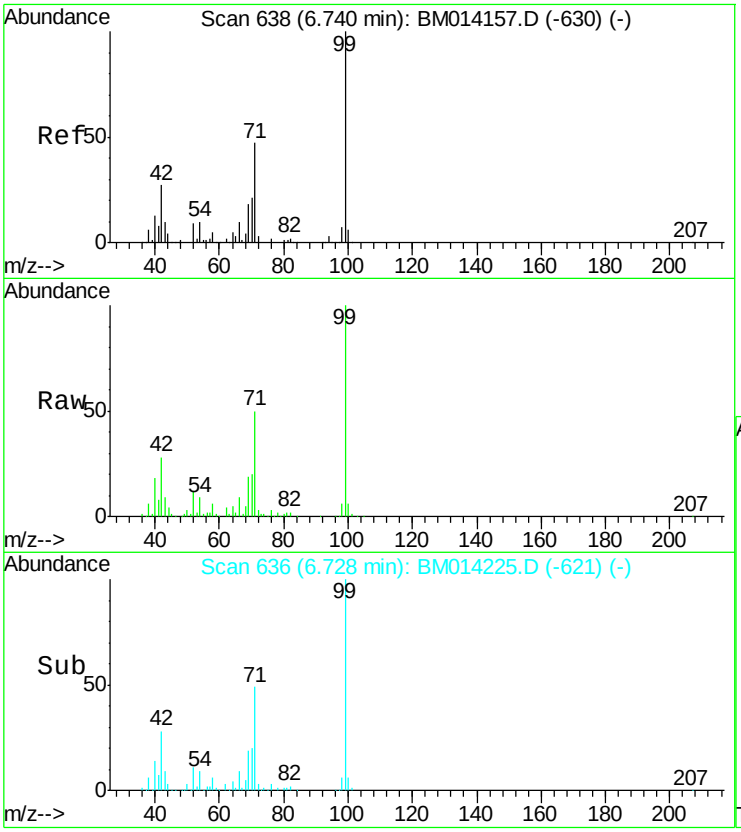


#5
2-Fluorophenol
Concen: 59.737 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion:112 Resp: 320494

Ion	Ratio	Lower	Upper
112	100		
64	61.0	38.6	57.8#
63	40.9	19.3	28.9#



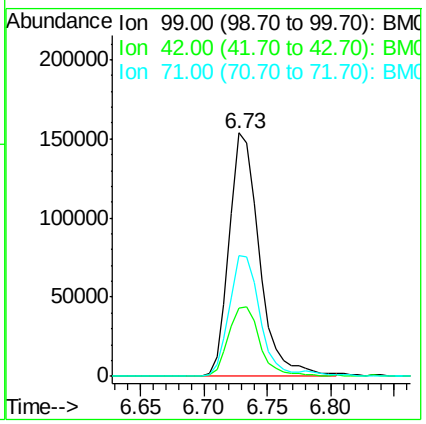


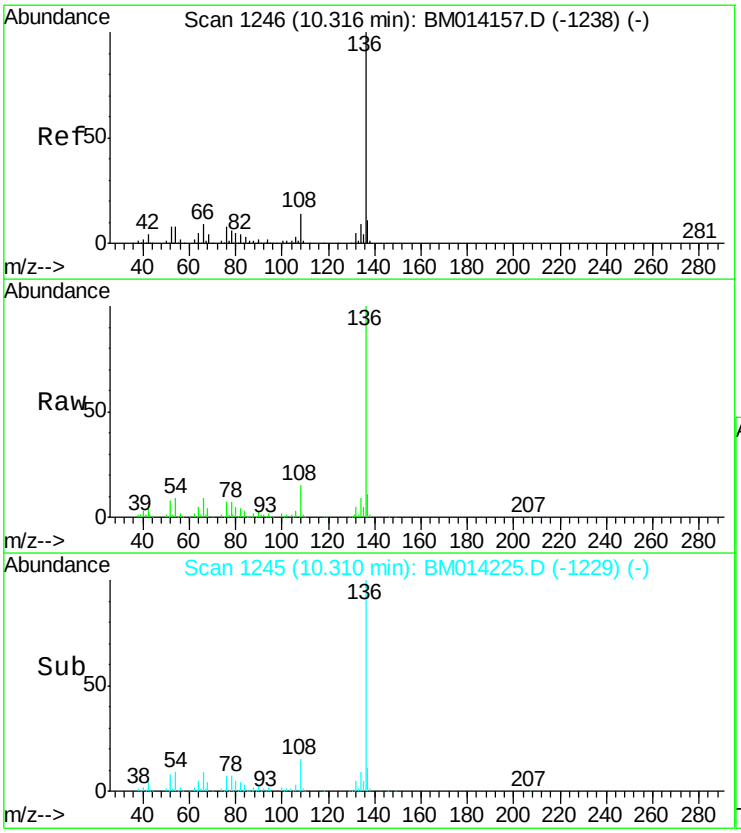
#7
Phenol-d6
Concen: 33.422 ng
RT: 6.73 min Scan# 636
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tgt Ion: 99 Resp: 253951

Ion	Ratio	Lower	Upper
99	100		
42	28.1	11.0	16.4#
71	49.5	23.4	35.2#

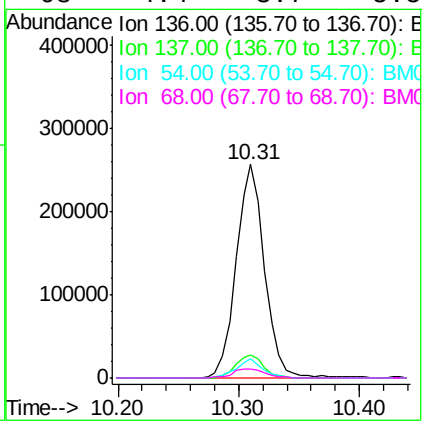


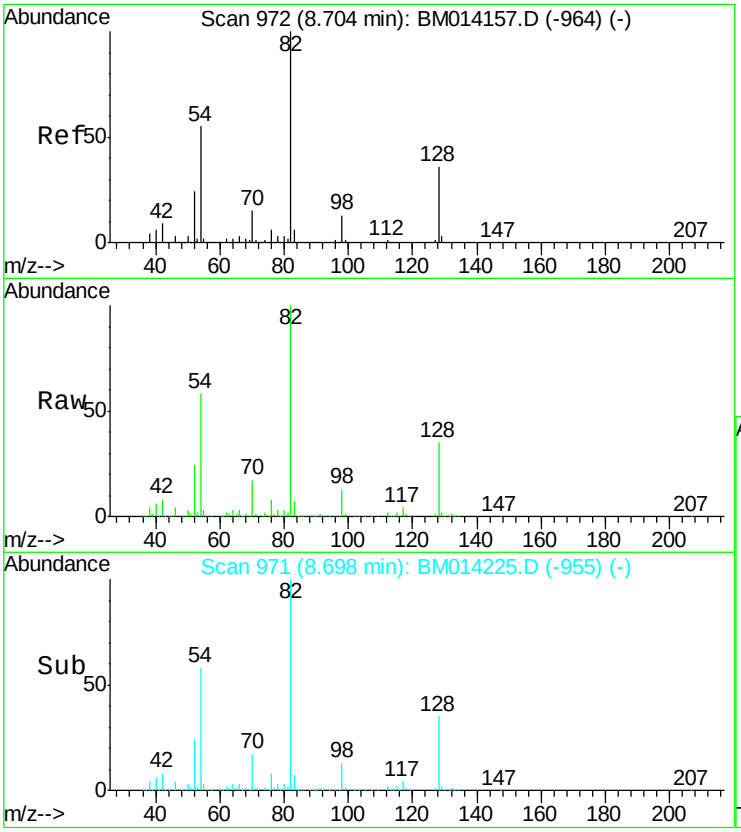


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion:136 Resp: 417815

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.7	4.6	6.8#
68	4.4	3.7	5.5



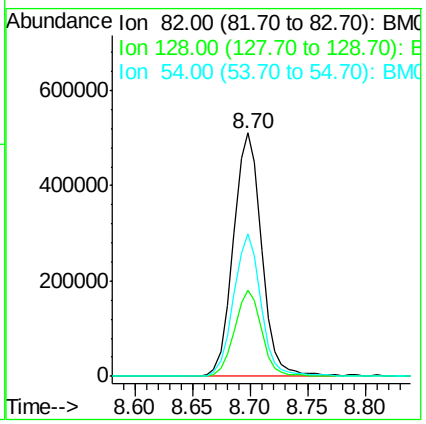


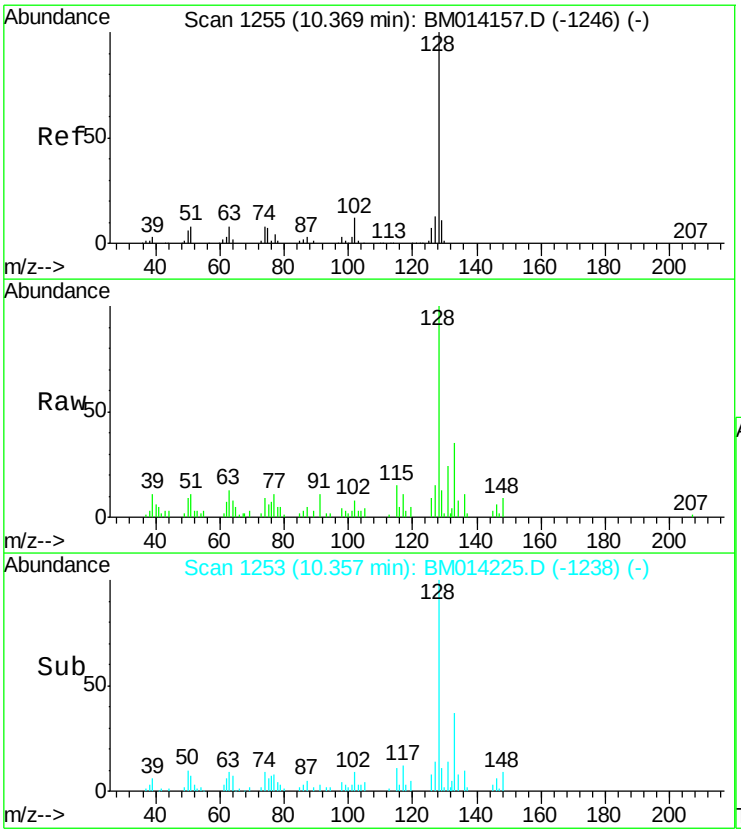
#23
Nitrobenzene-d5
Concen: 92.405 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tgt Ion: 82 Resp: 864346

Ion	Ratio	Lower	Upper
82	100		
128	35.4	32.8	49.2
54	58.3	40.6	60.8

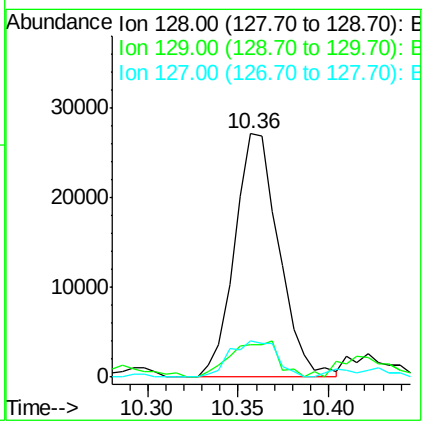


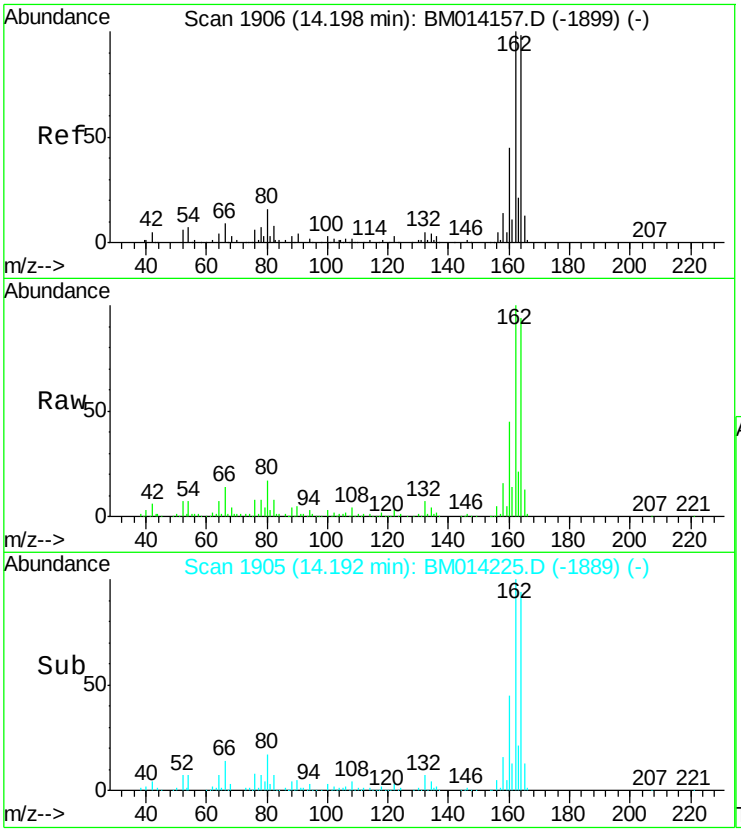


#31
Naphthalene
Concen: 2.015 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion:128 Resp: 46088

Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.9	13.3
127	15.1	10.4	15.6



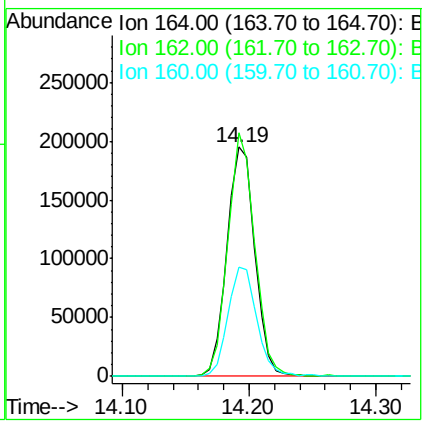


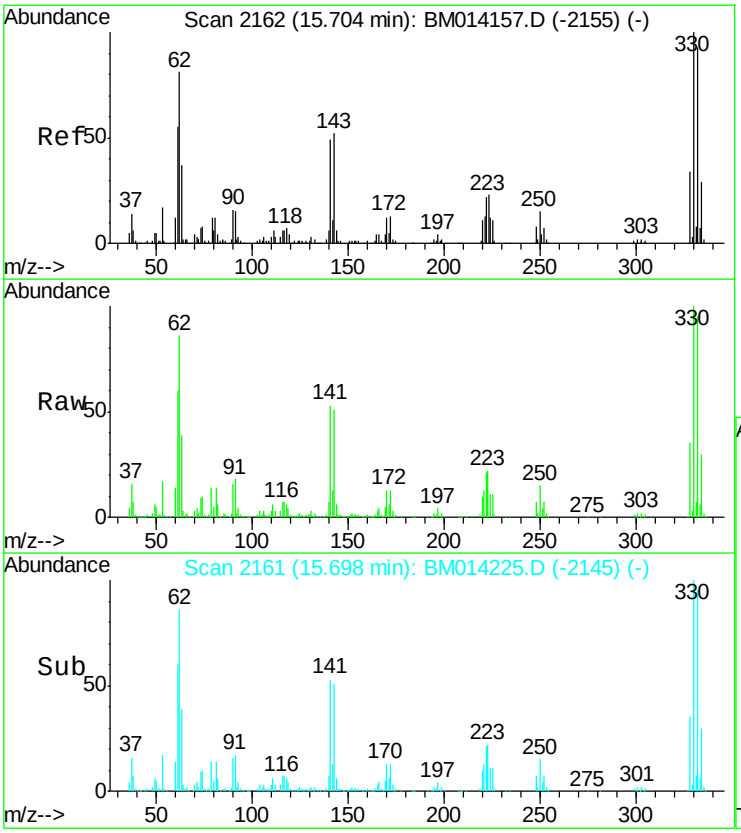
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tgt Ion:164 Resp: 296140

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	47.8	35.8	53.6

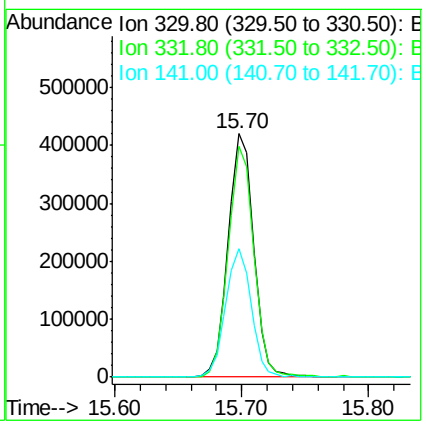


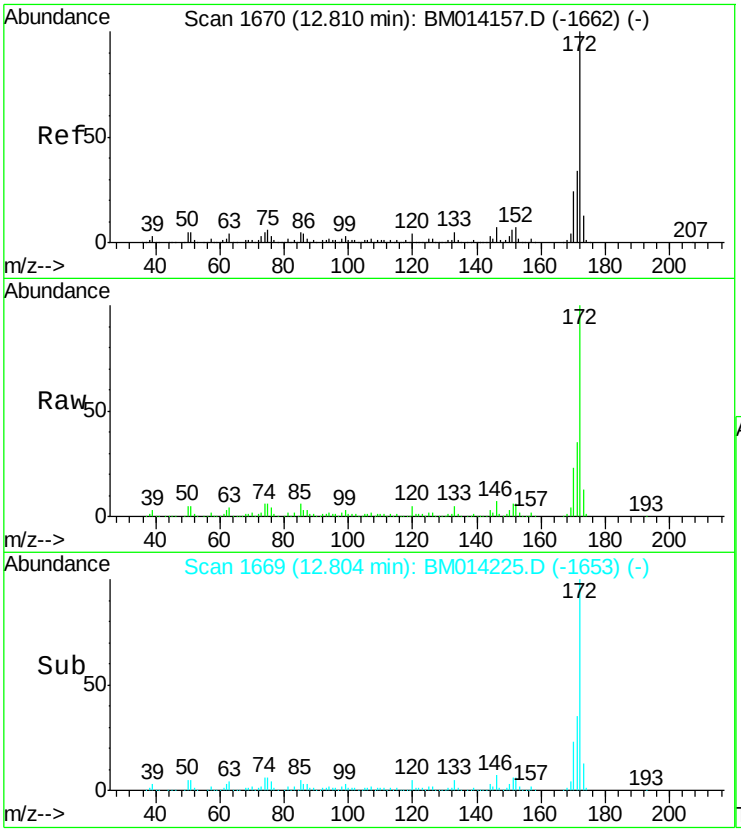


#41
2,4,6-Tribromophenol
Concen: 139.362 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion:330 Resp: 585621

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	53.4	0.0	0.0#



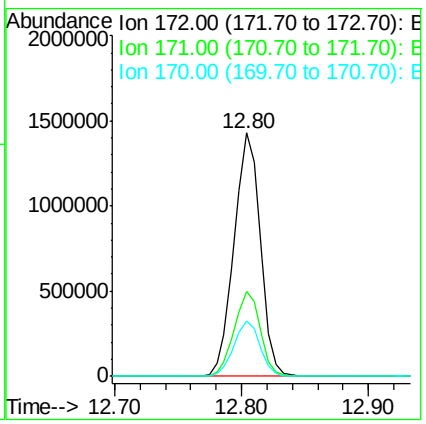


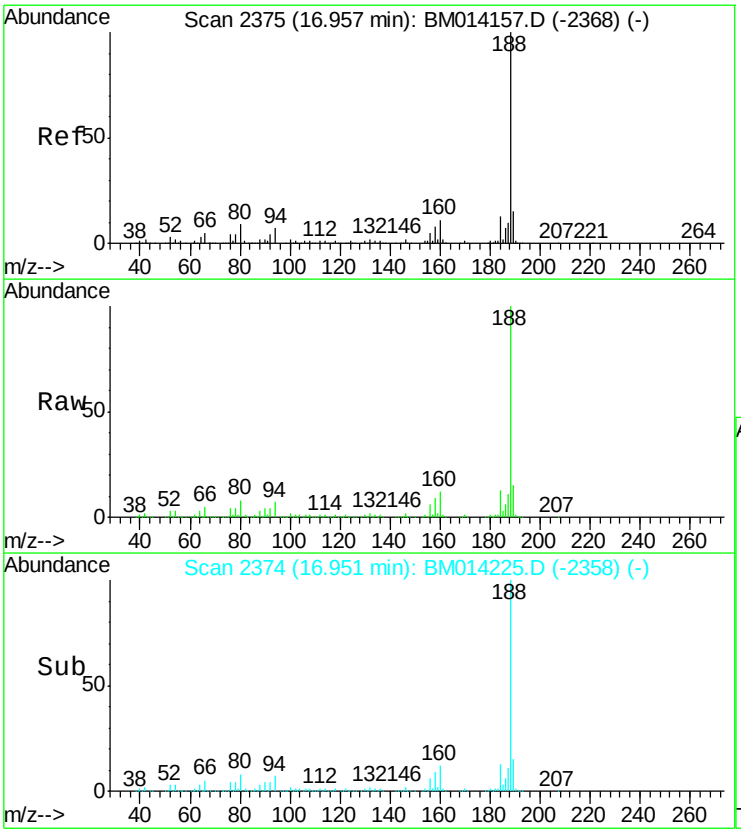
#44
2-Fluorobiphenyl
Concen: 86.025 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tgt Ion:172 Resp: 2040785

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.0	18.8	28.2

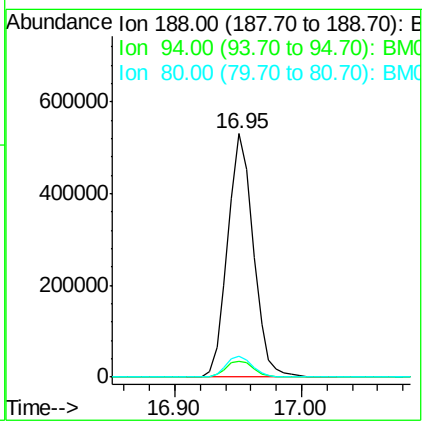


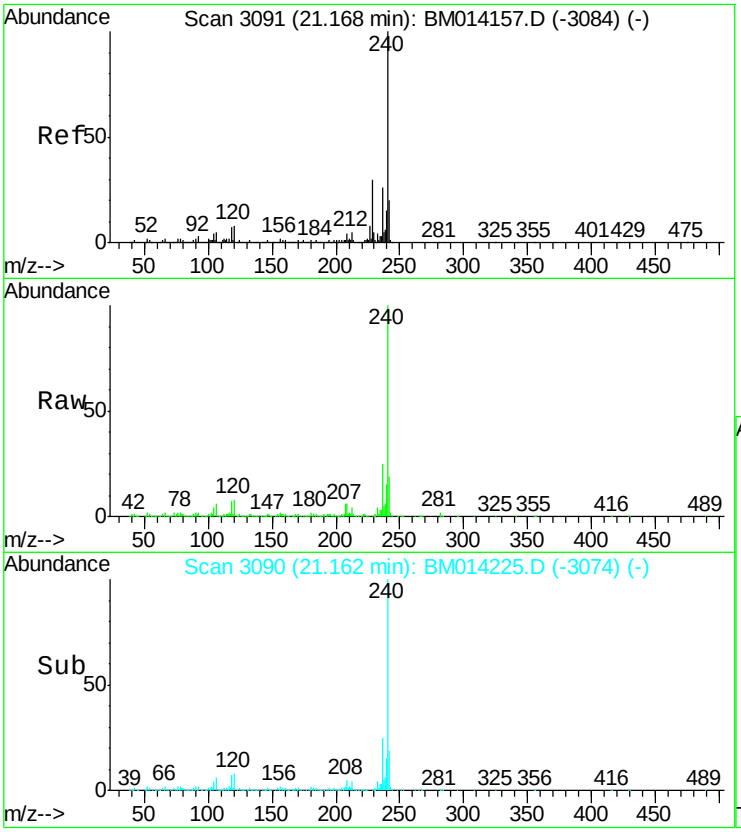


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion:188 Resp: 745622

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	8.3	9.3	13.9#



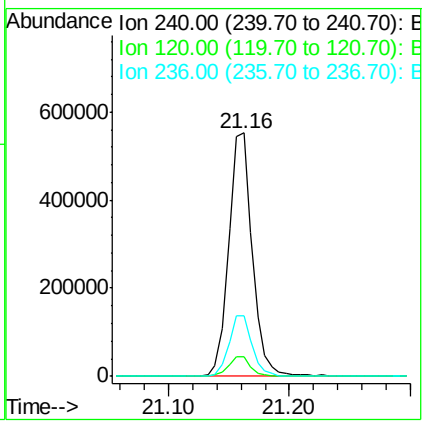


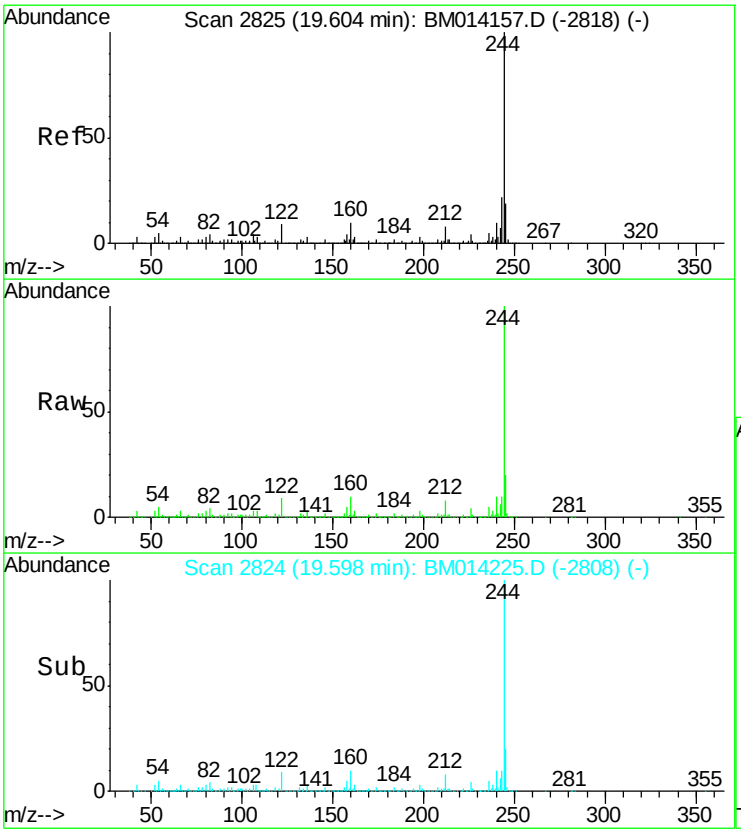
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tgt Ion:240 Resp: 753395

Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	24.7	20.0	30.0

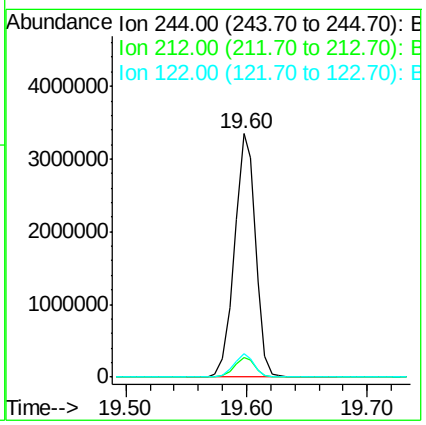


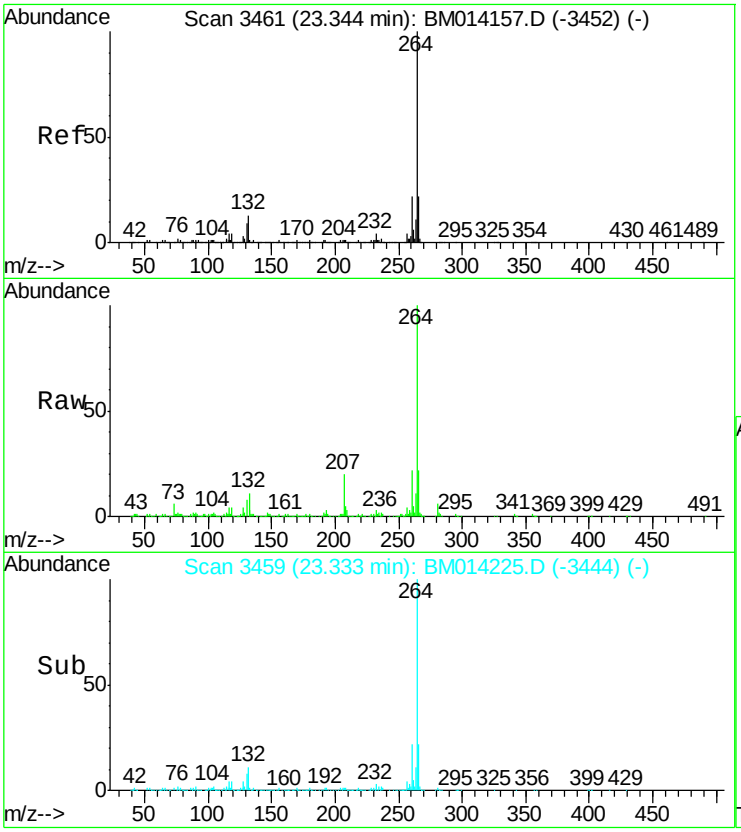


#78
Terphenyl-d14
Concen: 105.186 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM014225.D
Acq: 13 Feb 2018 17:33

Tgt Ion:244 Resp: 4055728

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	9.4	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: BM014225.D
Acq: 13 Feb 2018 17:33

Instrument :
BNA_M
ClientSampleId :
MW-5A

Tgt Ion:264 Resp: 580569

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	22.3	17.3	25.9