Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014198.D
Acq On : 08 Feb 2018 18:10
Operator : SJ/JU
Sample : J1490-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 265578-SEGMENT-2C

Quant Time: Feb 09 04:45:47 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	88299	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	349685	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	204235	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	472449	20.00	ng		0.00
75) Chrysene-d12	21.16	240	510219	20.00	ng		0.00
86) Perylene-d12	23.34	264	490144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	342973	67.70	ng		0.00
7) Phenol-d6	6.73	99	260908	36.36	ng		0.00
23) Nitrobenzene-d5	8.70	82	895364	114.37	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	452951	156.30	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1879984	114.91	ng		0.00
78) Terphenyl-d14	19.60	244	2933633	112.35	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.76	94	20878	2.948	ng		87
20) 3+4-Methylphenols	8.33	107	30302	3.860	ng	#	81
31) Naphthalene	10.36	128	46380	2.422	ng		96
51) Acenaphthene	14.26	154	38280	2.820	ng		91

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

Quantitation Report (QT/LSC Reviewed)

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Acq On : 08 Feb 2018 18:10
Operator : SJ/JU
Sample : J1490-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Quant Time: Feb 09 04:45:47 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
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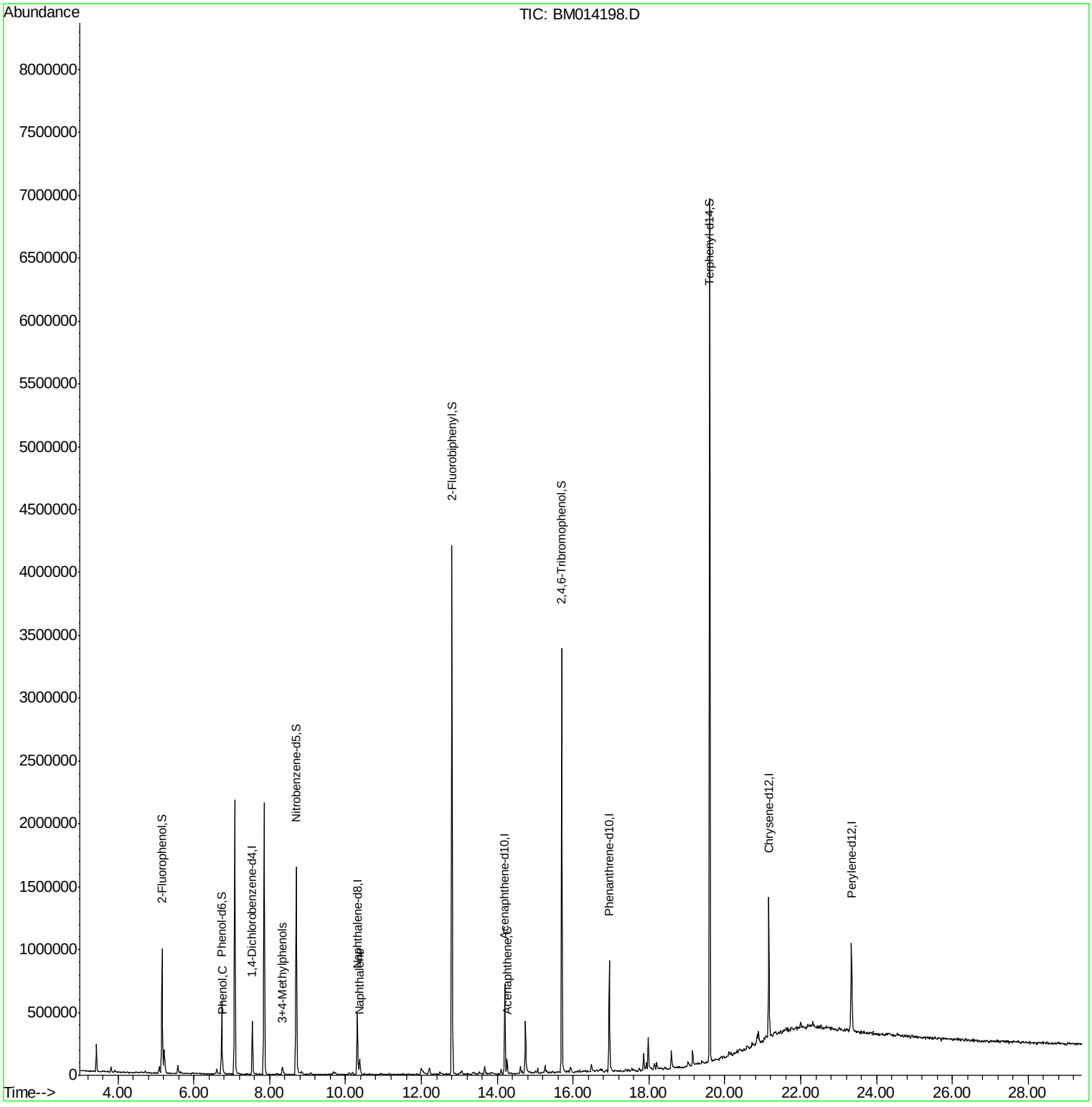
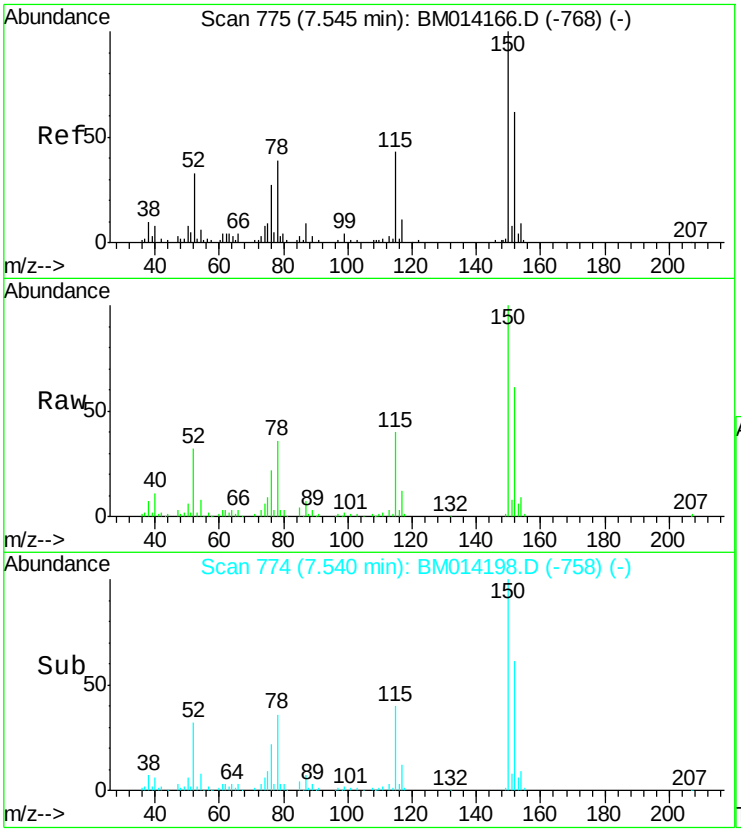


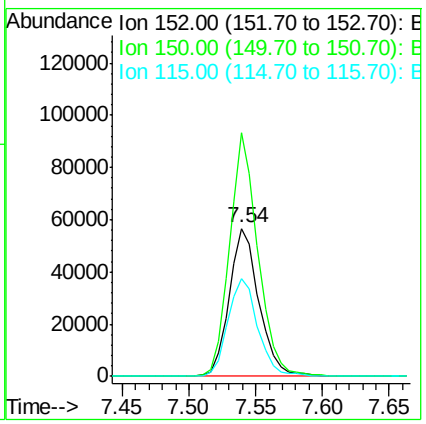


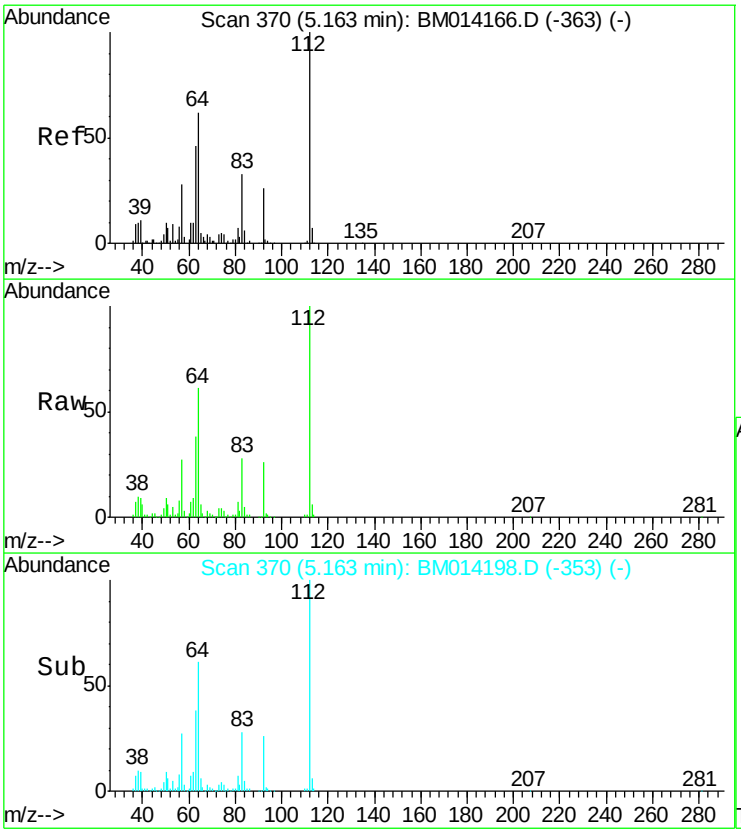
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion:152 Resp: 88299

Ion	Ratio	Lower	Upper
152	100		
150	164.2	119.5	179.3
115	66.3	43.0	64.4#

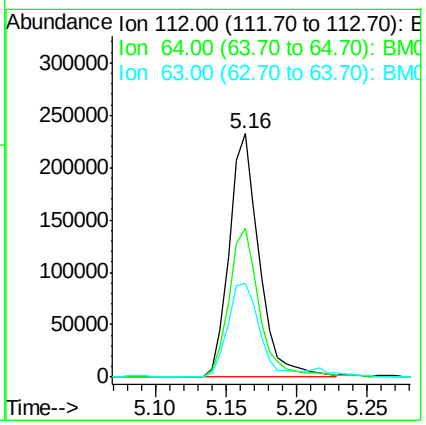


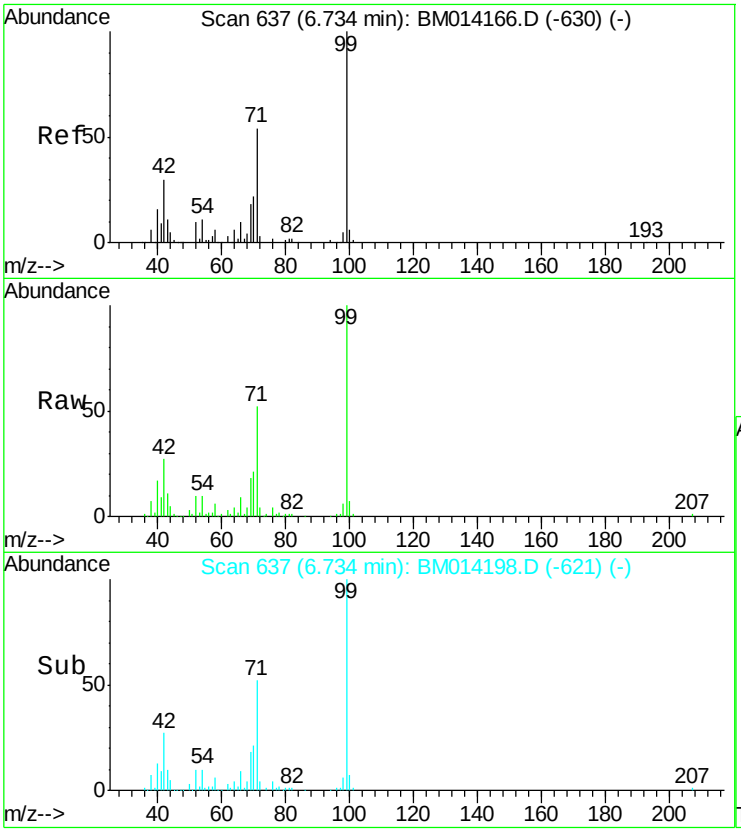


#5
2-Fluorophenol
Concen: 67.701 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:112 Resp: 342973

Ion	Ratio	Lower	Upper
112	100		
64	61.3	38.6	57.8#
63	38.3	19.3	28.9#



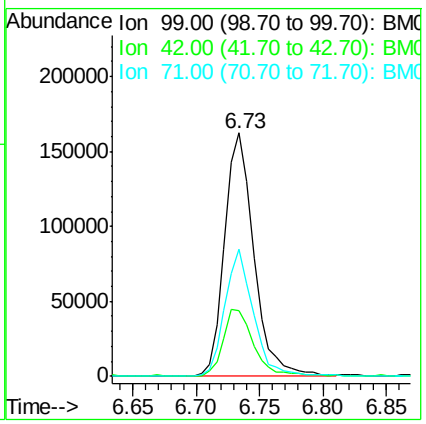


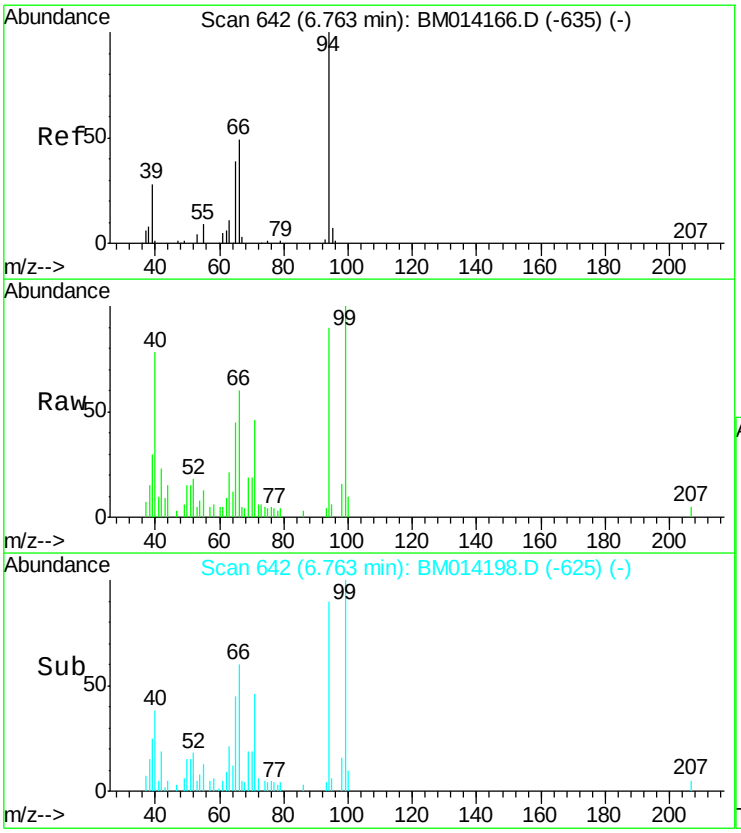
#7
Phenol-d6
Concen: 36.364 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion: 99 Resp: 260908

Ion	Ratio	Lower	Upper
99	100		
42	27.2	11.0	16.4#
71	52.0	23.4	35.2#

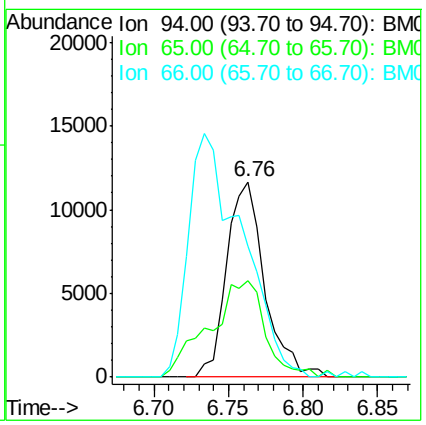


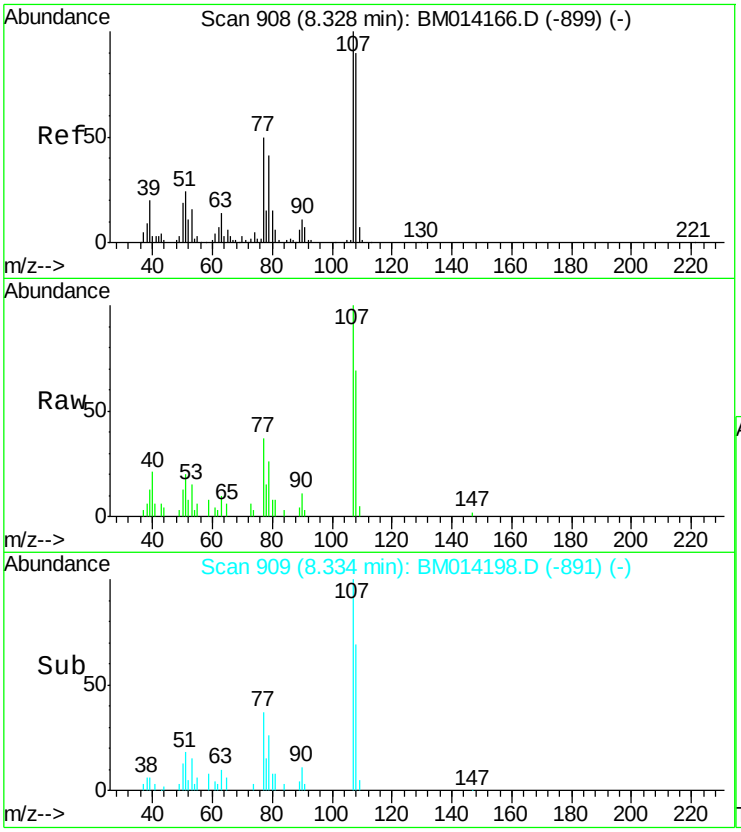


#10
Phenol
Concen: 2.948 ng
RT: 6.76 min Scan# 642
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion: 94 Resp: 20878

Ion	Ratio	Lower	Upper
94	100		
65	49.6	18.8	58.8
66	67.3	39.9	79.9



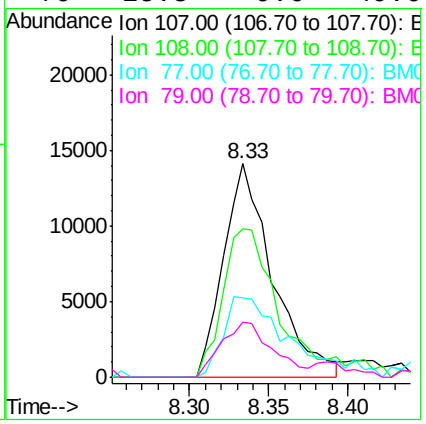


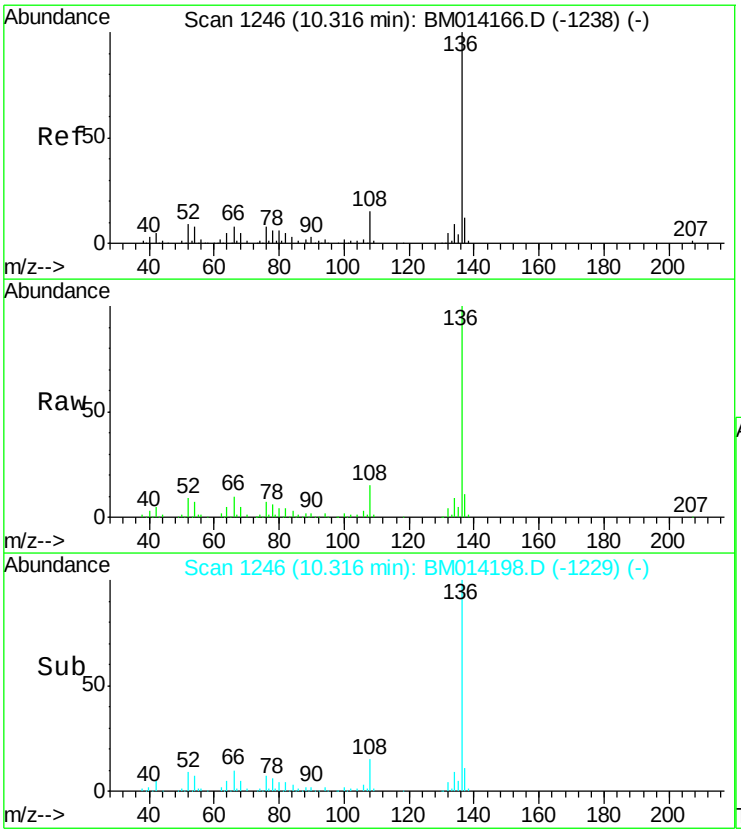
#20
3+4-Methylphenols
Concen: 3.860 ng
RT: 8.33 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion:107 Resp: 30302

Ion	Ratio	Lower	Upper
107	100		
108	69.3	73.2	113.2#
77	37.4	10.7	50.7
79	25.8	9.6	49.6

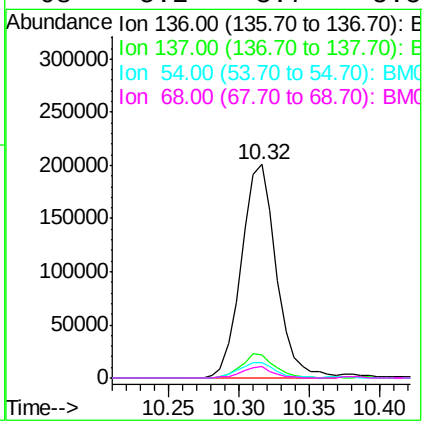


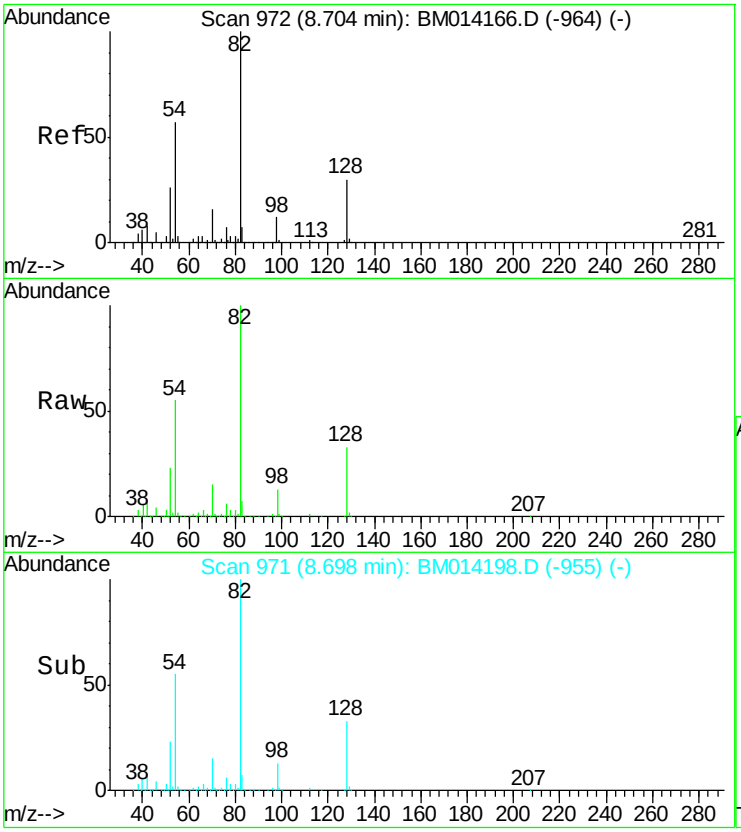


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:136 Resp: 349685

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.5	4.6	6.8#
68	5.2	3.7	5.5



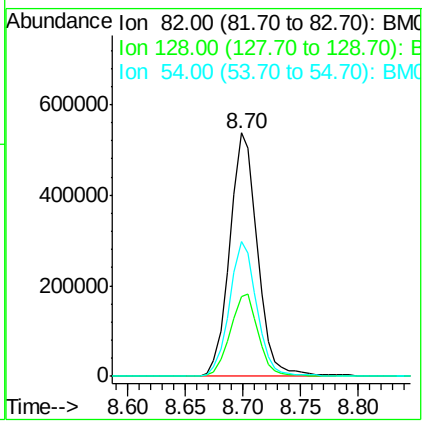


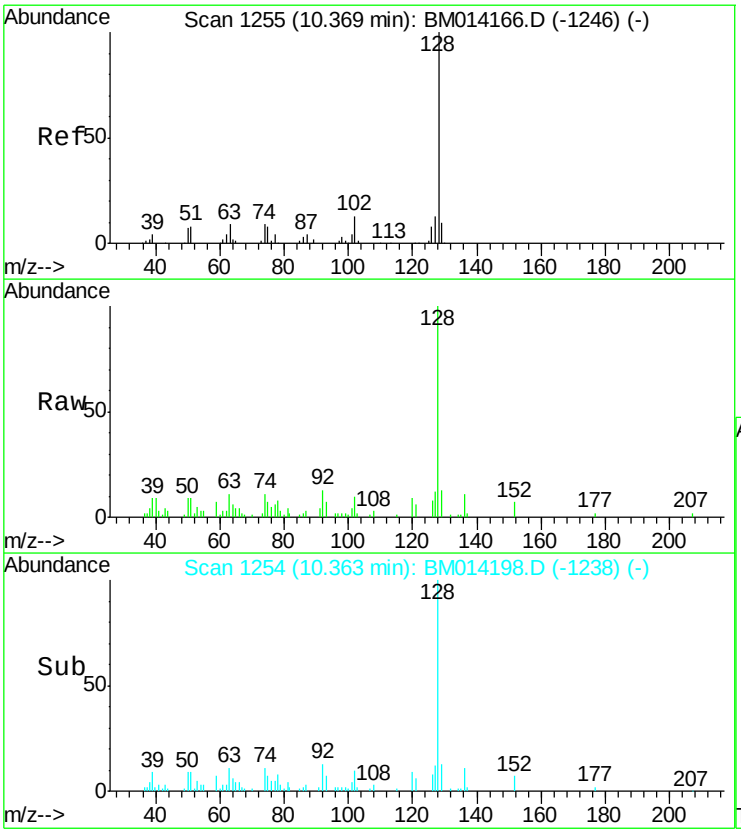
#23
Nitrobenzene-d5
Concen: 114.370 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion: 82 Resp: 895364

Ion	Ratio	Lower	Upper
82	100		
128	32.7	32.8	49.2#
54	55.4	40.6	60.8

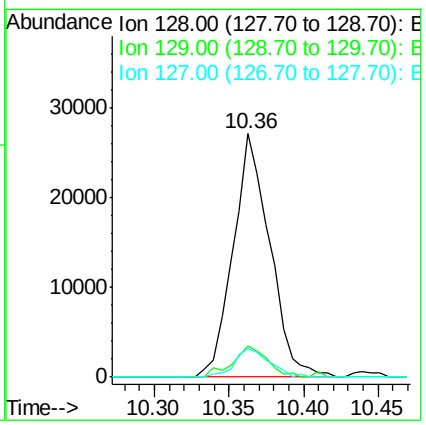


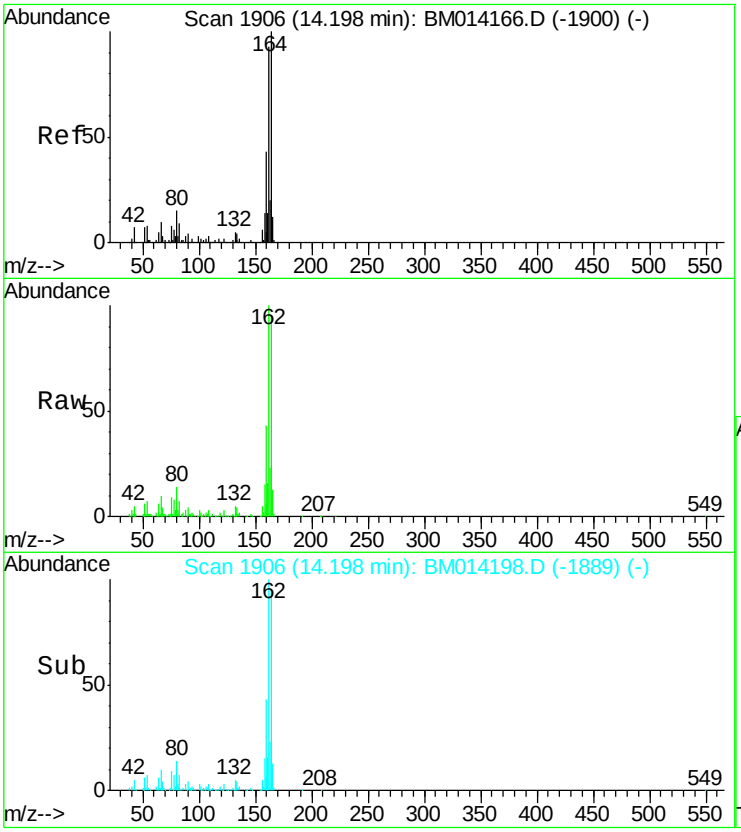


#31
Naphthalene
Concen: 2.422 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:128 Resp: 46380

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.9	13.3
127	11.9	10.4	15.6



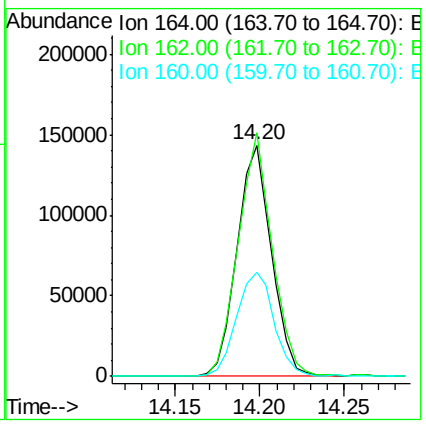


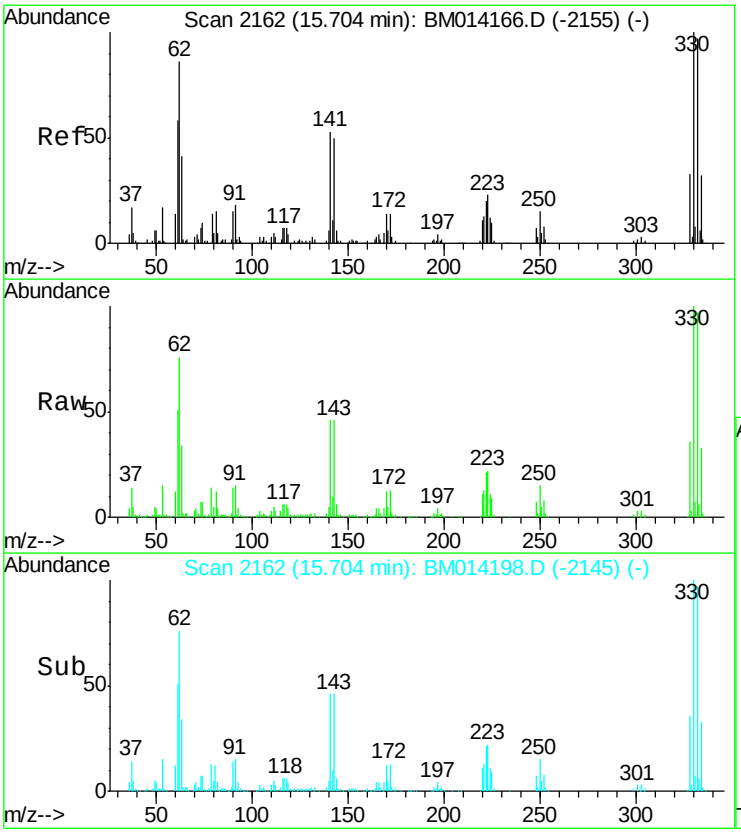
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion:164 Resp: 204235

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.4	123.6
160	44.9	35.8	53.6

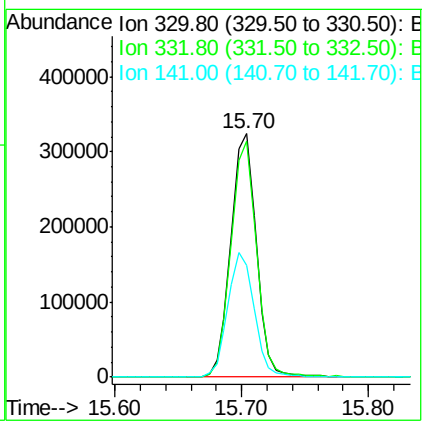


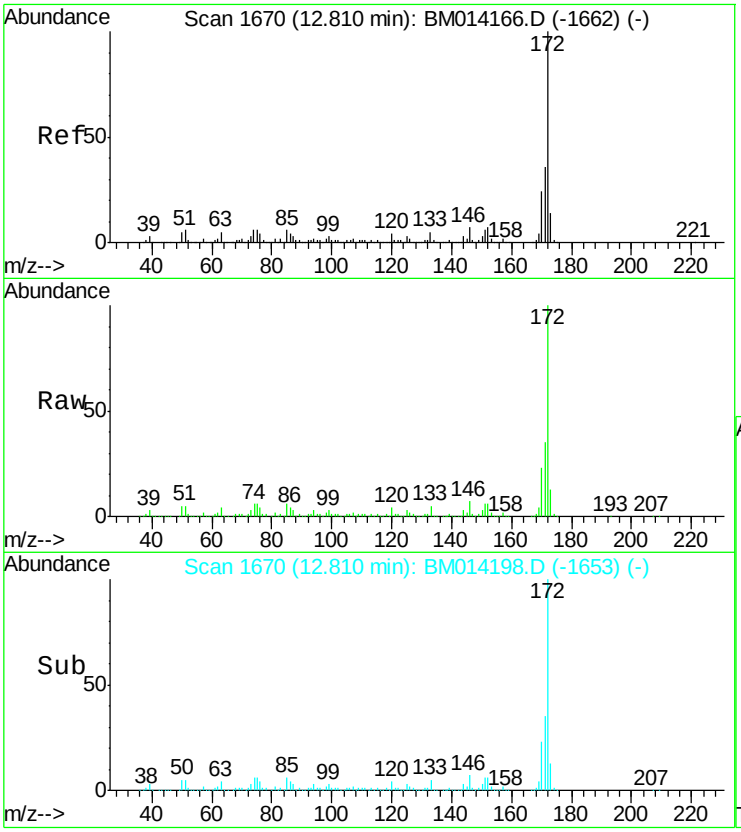


#41
2,4,6-Tribromophenol
Concen: 156.296 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:330 Resp: 452951

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	52.8	0.0	0.0#



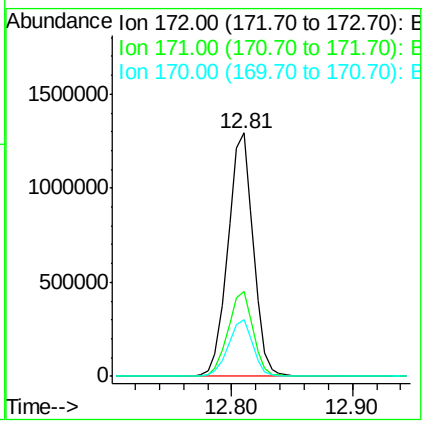


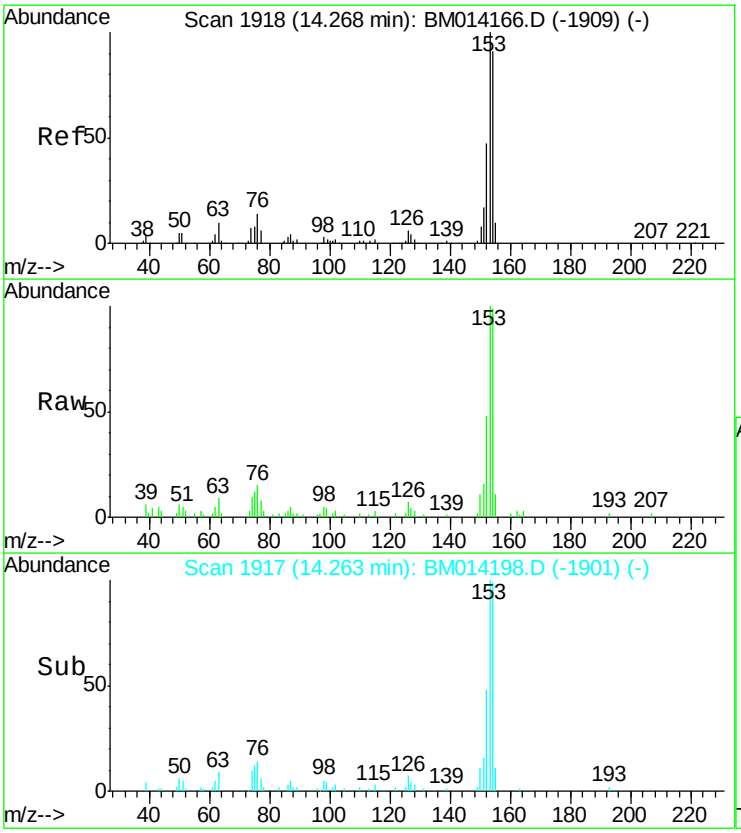
#44
2-Fluorobiphenyl
Concen: 114.907 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion:172 Resp: 1879984

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.1	18.8	28.2

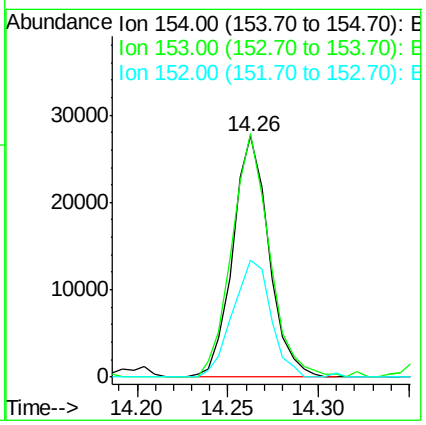


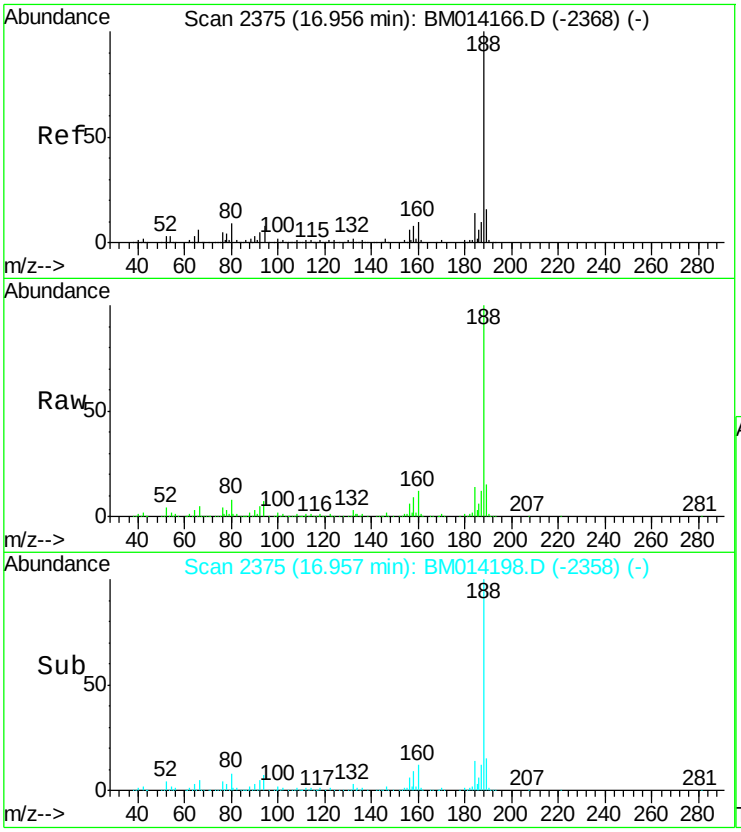


#51
Acenaphthene
Concen: 2.820 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:154 Resp: 38280

Ion	Ratio	Lower	Upper
154	100		
153	101.1	90.0	135.0
152	48.4	42.6	63.8



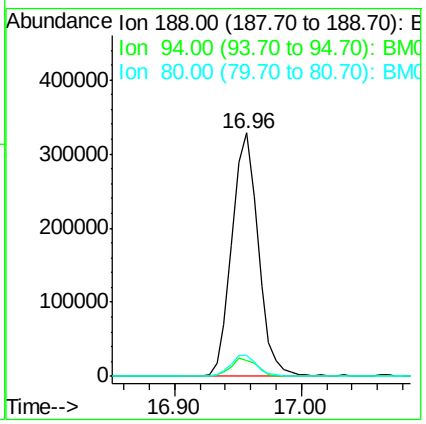


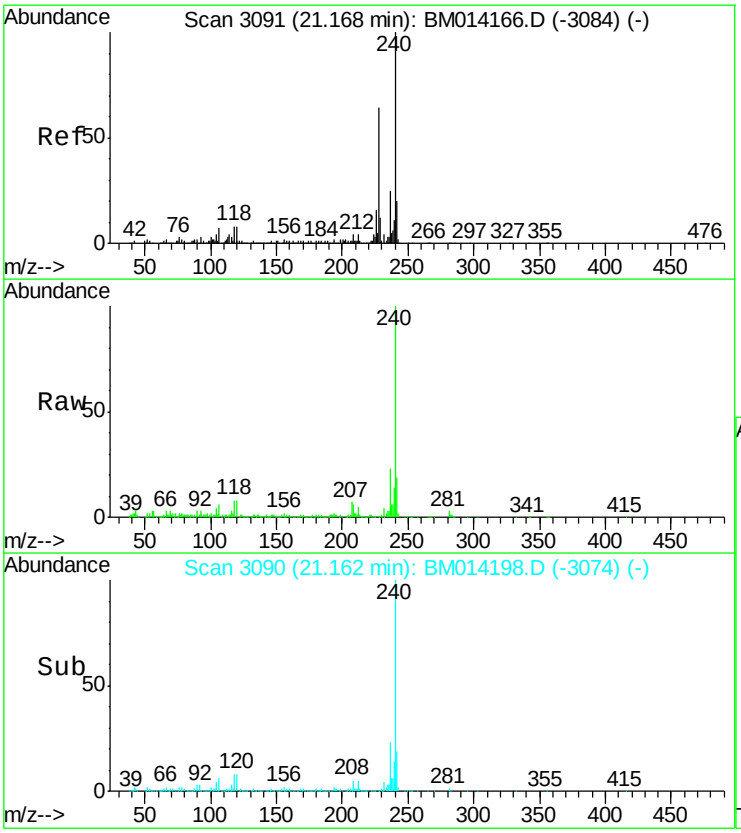
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion:188 Resp: 472449

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.3	9.3	13.9#

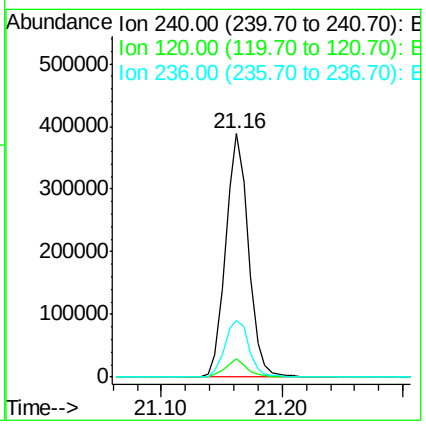


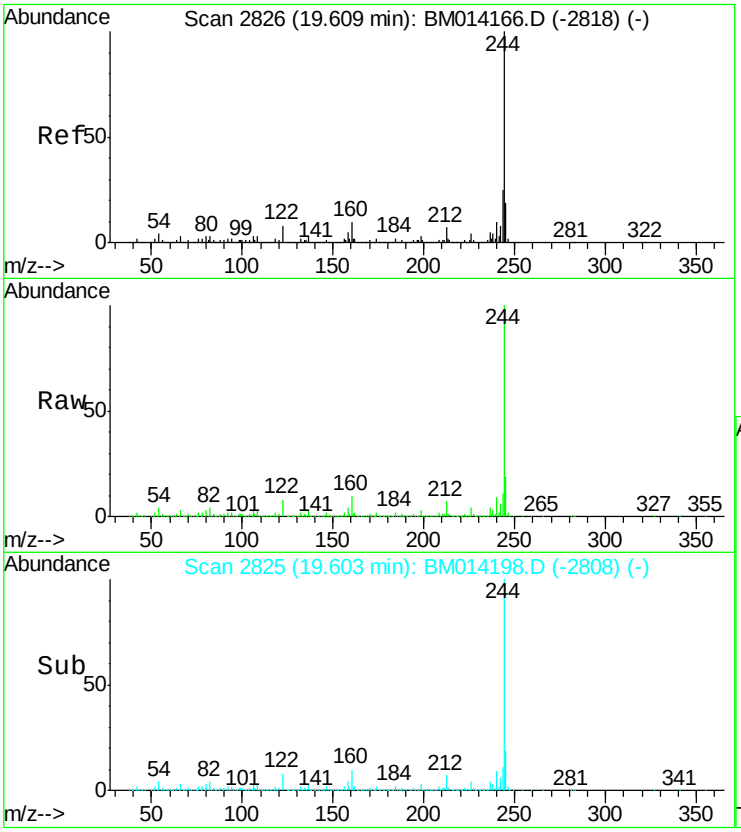


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:240 Resp: 510219

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.2	12.2#
236	23.2	20.0	30.0



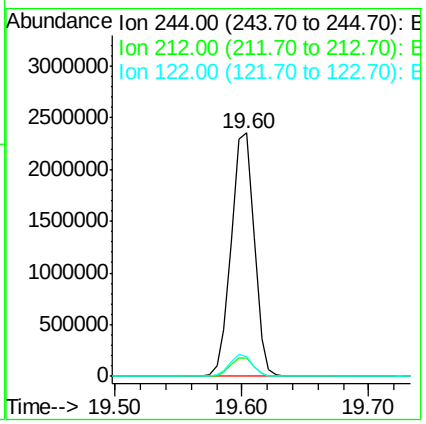


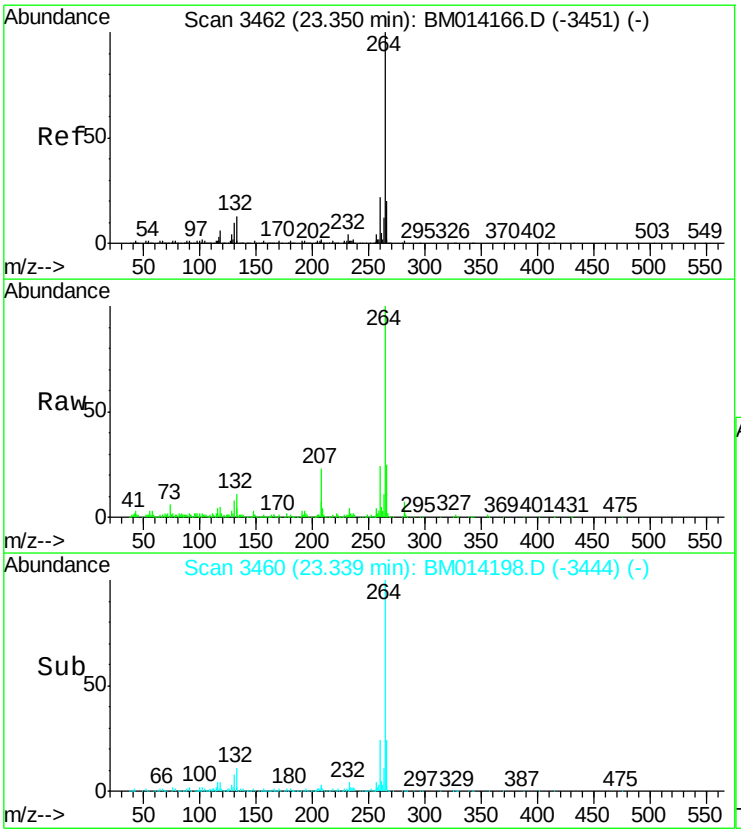
#78
Terphenyl-d14
Concen: 112.347 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Instrument :
BNA_M
ClientSampleId :
265578-SEGMENT-2C

Tgt Ion:244 Resp: 2933633

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	8.1	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014198.D
Acq: 08 Feb 2018 18:10

Tgt Ion:264 Resp: 490144

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	24.6	17.3	25.9