Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
Data File : BM014176.D
Acq On : 08 Feb 2018 00:18
Operator : SJ/JU
Sample : J1161-07
Misc : LOD 1 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 08 07:19:59 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	81618	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	346751	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	232307	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	554540	20.00	ng	0.00
75) Chrysene-d12	21.16	240	600406	20.00	ng	0.00
86) Perylene-d12	23.34	264	545656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	612281	130.75	ng	0.00
7) Phenol-d6	6.73	99	824687	124.35	ng	0.00
23) Nitrobenzene-d5	8.70	82	711252	91.62	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	422194	128.08	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1633672	87.79	ng	0.00
78) Terphenyl-d14	19.60	244	2659252	86.54	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.86	79	17714	2.88	ng	# 39
32) Benzoic acid	9.76	122	126	6.21	ng	# 1
40) Hexachlorocyclopentadiene	12.33	237	748	6.32	ng	74
64) 4,6-Dinitro-2-methylphenol	15.42	198	413	5.66	ng	# 28
69) Pentachlorophenol	16.64	266	1312	6.19	ng	# 78

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

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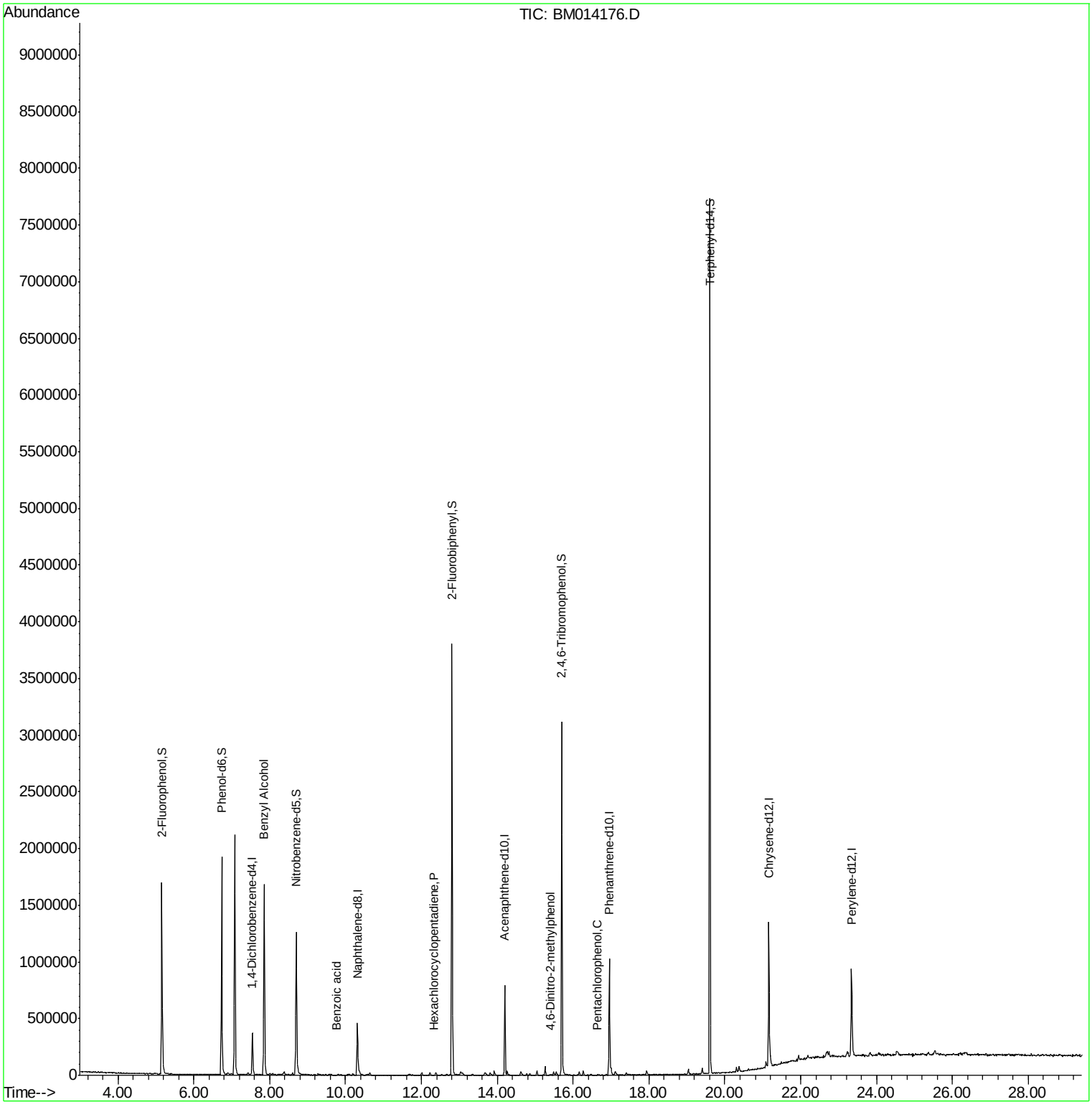
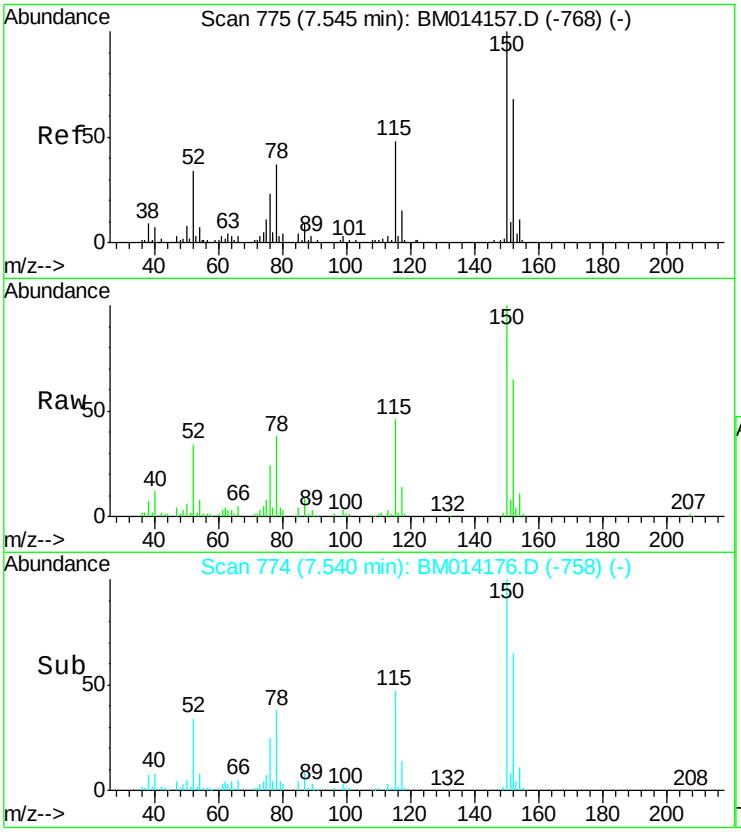


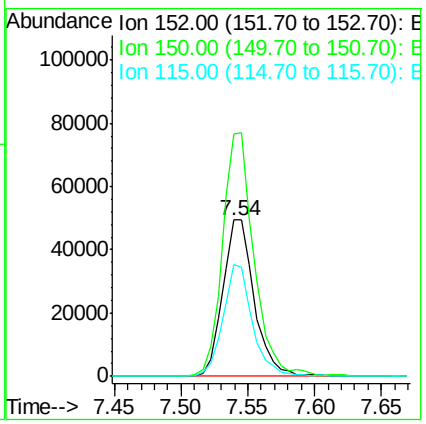


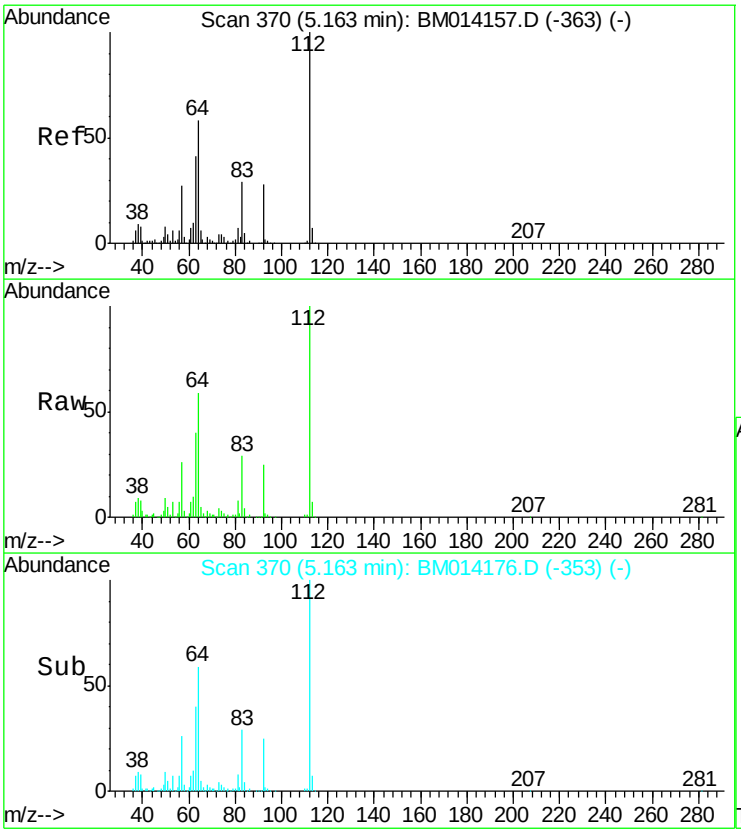
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 81618

Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.5	179.3
115	71.8	43.0	64.4#

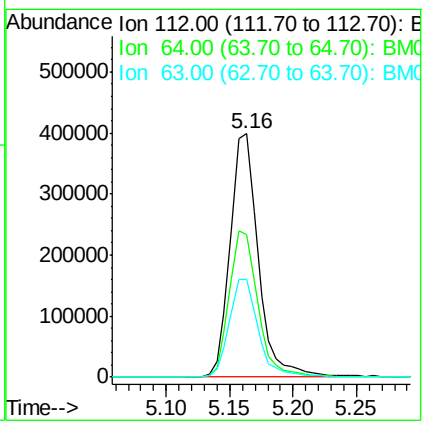


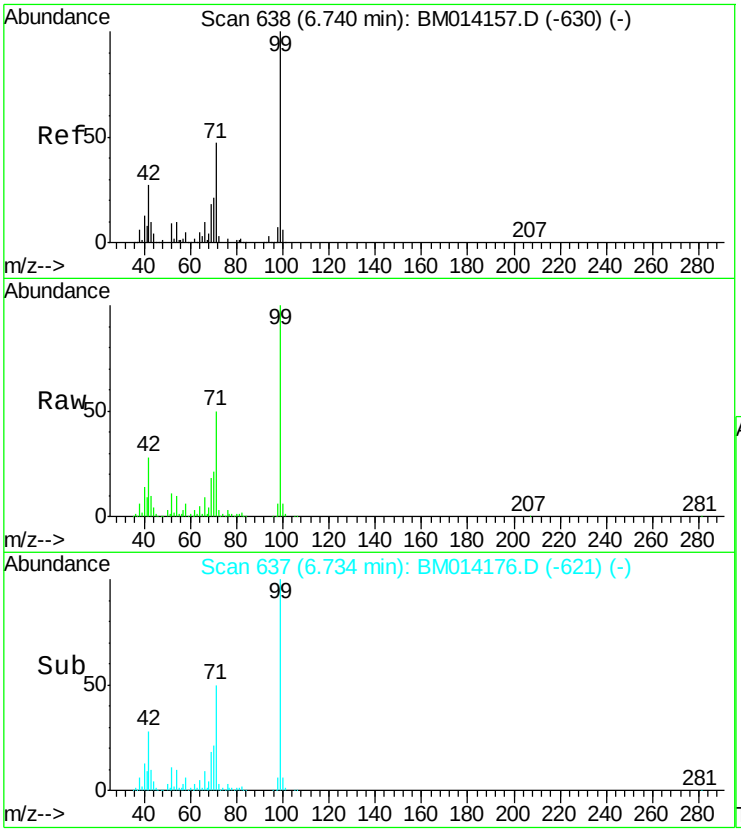


#5
2-Fluorophenol
Concen: 130.75 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:112 Resp: 612281

Ion	Ratio	Lower	Upper
112	100		
64	58.6	38.6	57.8#
63	40.3	19.3	28.9#



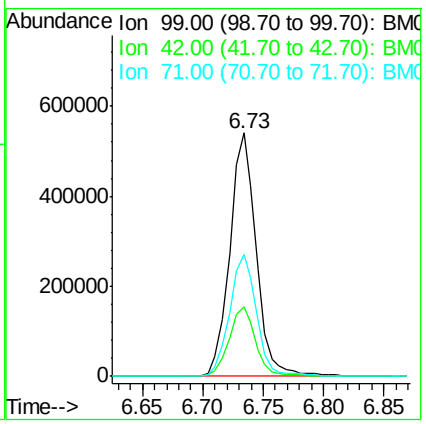


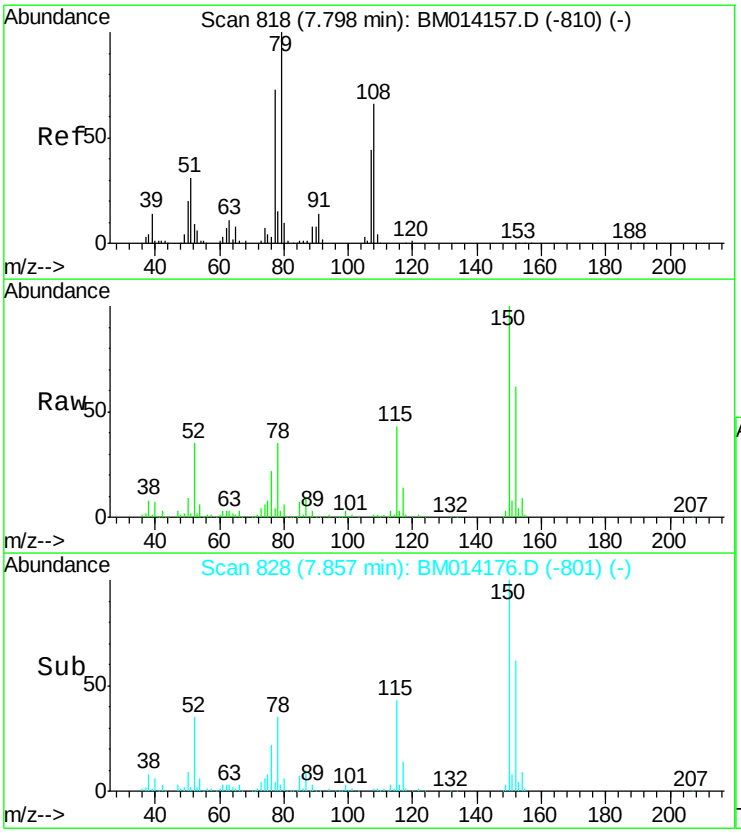
#7
Phenol-d6
Concen: 124.35 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 824687

Ion	Ratio	Lower	Upper
99	100		
42	28.3	11.0	16.4#
71	50.2	23.4	35.2#

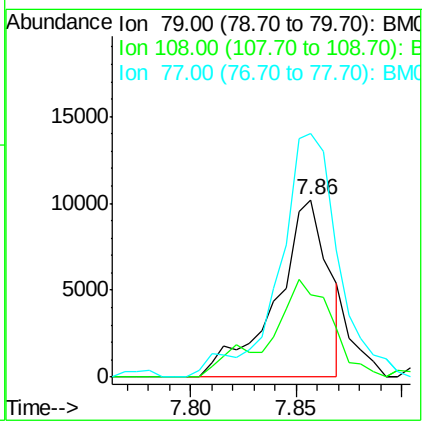


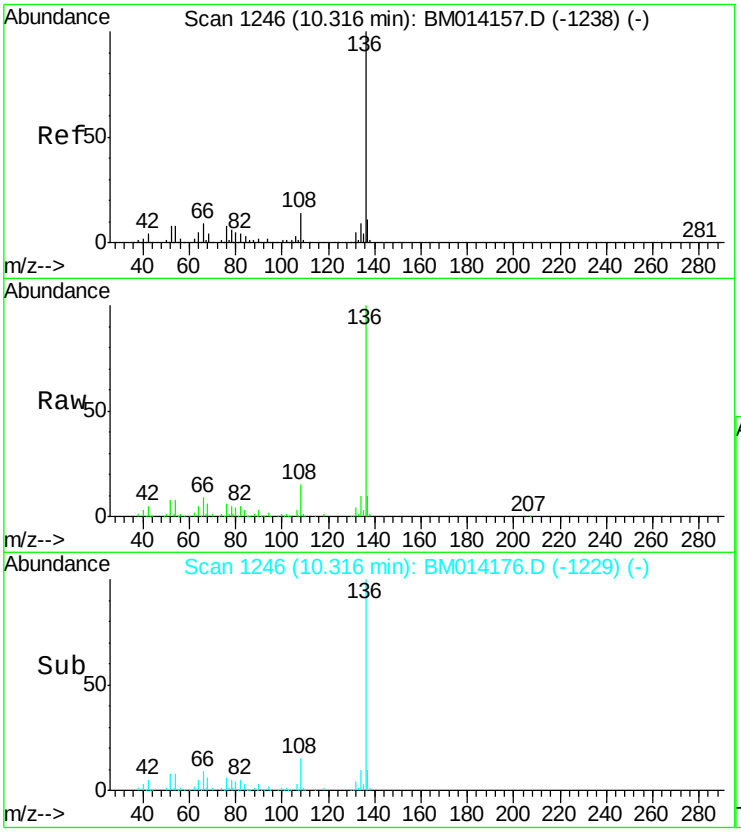


#15
Benzyl Alcohol
Concen: 2.88 ng
RT: 7.86 min Scan# 828
Delta R.T. 0.06 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion: 79 Resp: 17714

Ion	Ratio	Lower	Upper
79	100		
108	46.7	65.0	97.4#
77	137.3	53.0	79.6#



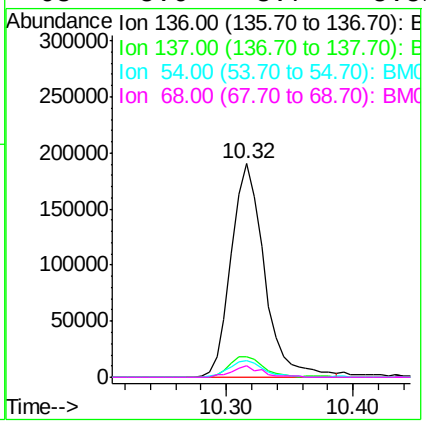


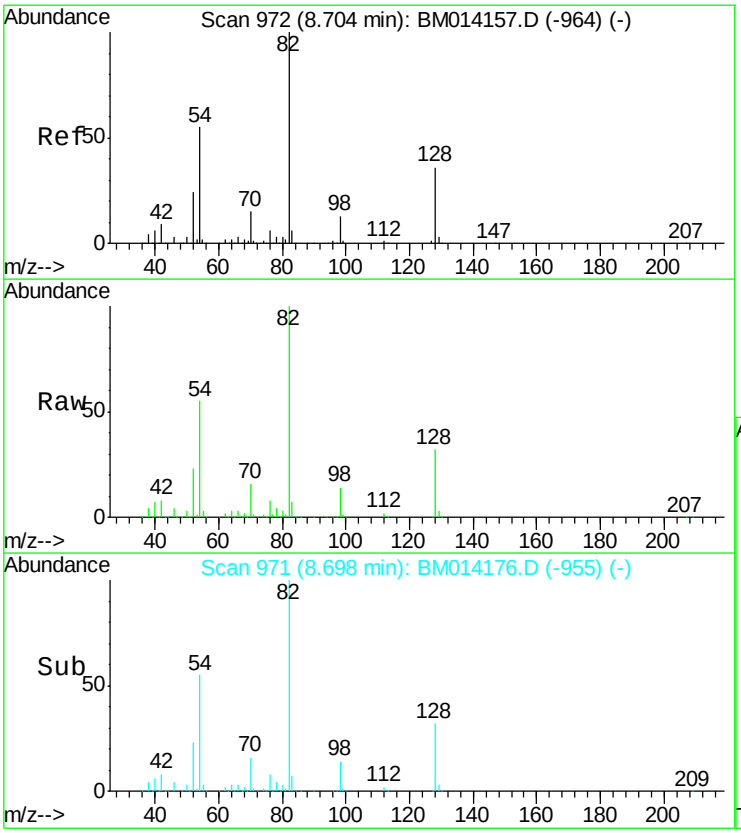
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 346751

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	7.8	4.6	6.8#
68	5.6	3.7	5.5#

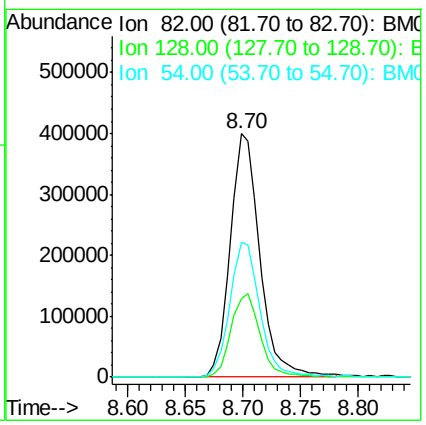


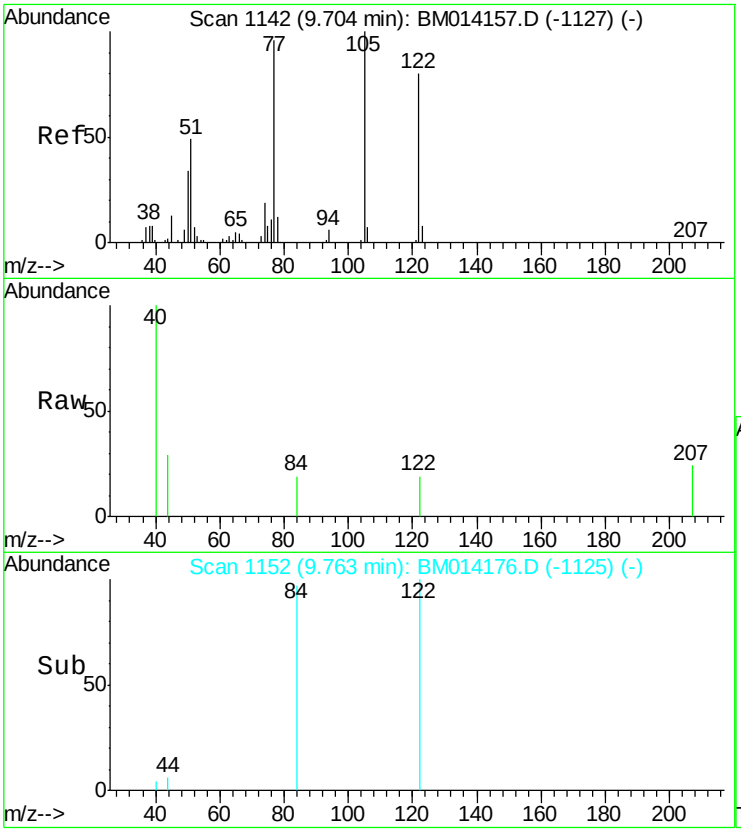


#23
Nitrobenzene-d5
Concen: 91.62 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion: 82 Resp: 711252

Ion	Ratio	Lower	Upper
82	100		
128	32.4	32.8	49.2#
54	55.3	40.6	60.8



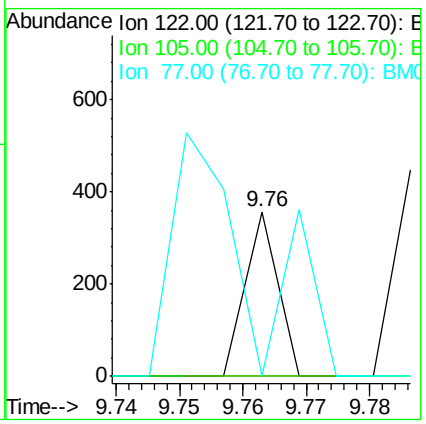


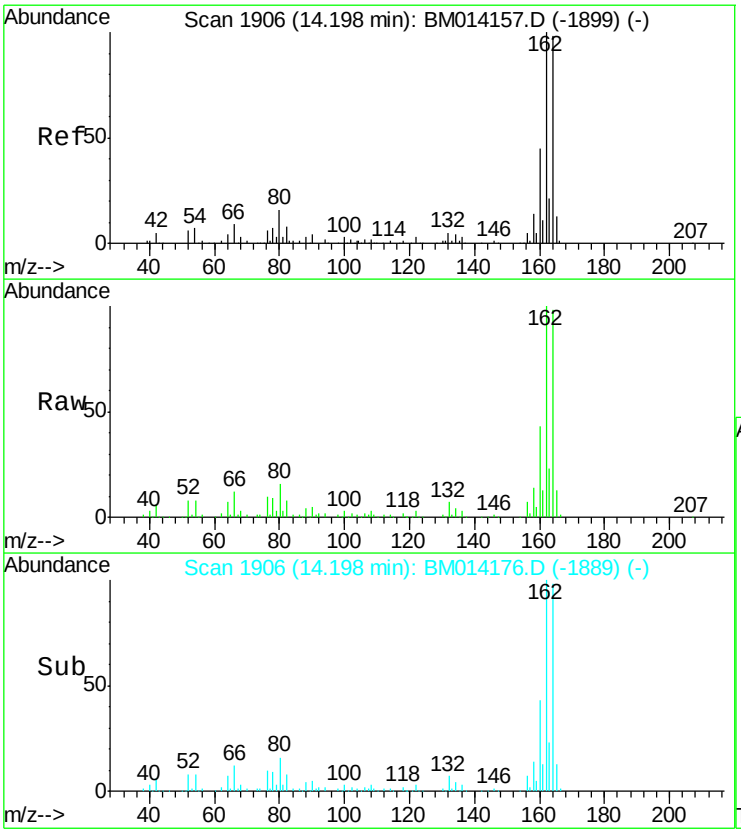
#32
Benzoic acid
Concen: 6.21 ng
RT: 9.76 min Scan# 1152
Delta R.T. 0.06 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 126

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	0.0	73.7	113.7#

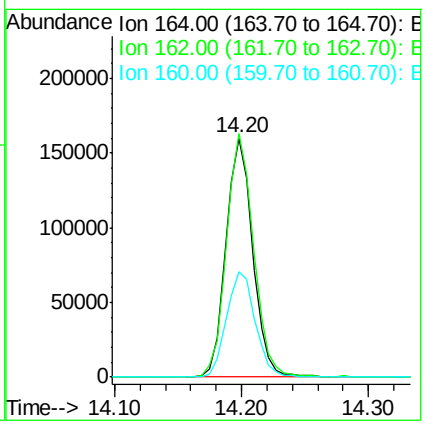


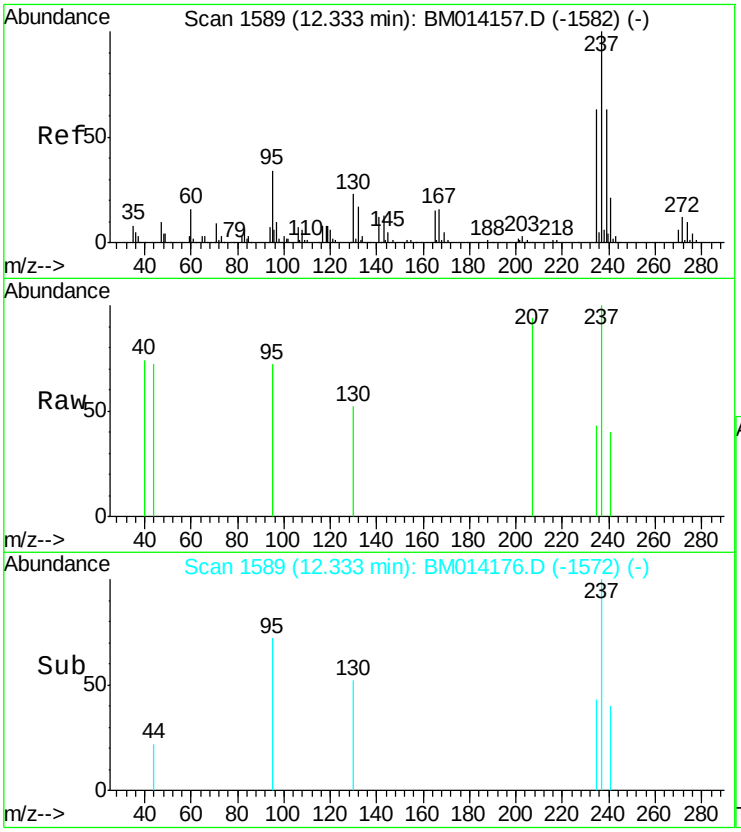


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:164 Resp: 232307

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	44.0	35.8	53.6



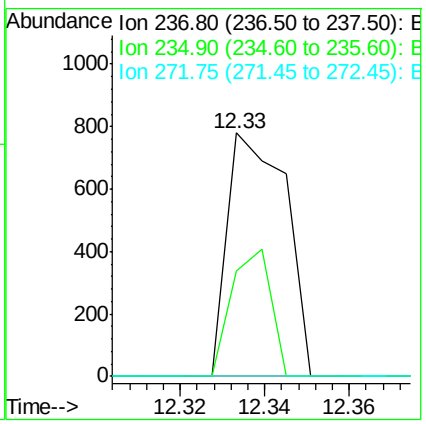


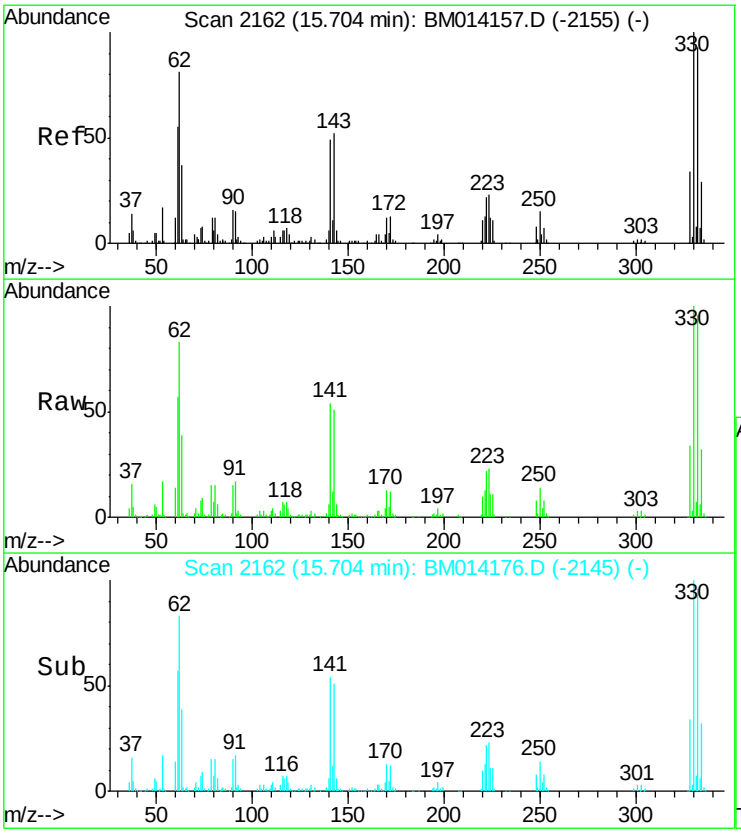
#40
Hexachlorocyclopentadiene
Concen: 6.32 ng
RT: 12.33 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:237 Resp: 748

Ion	Ratio	Lower	Upper
237	100		
235	43.2	42.0	82.0
272	0.0	0.0	33.4

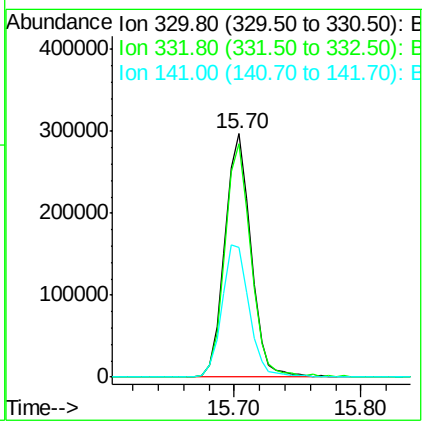


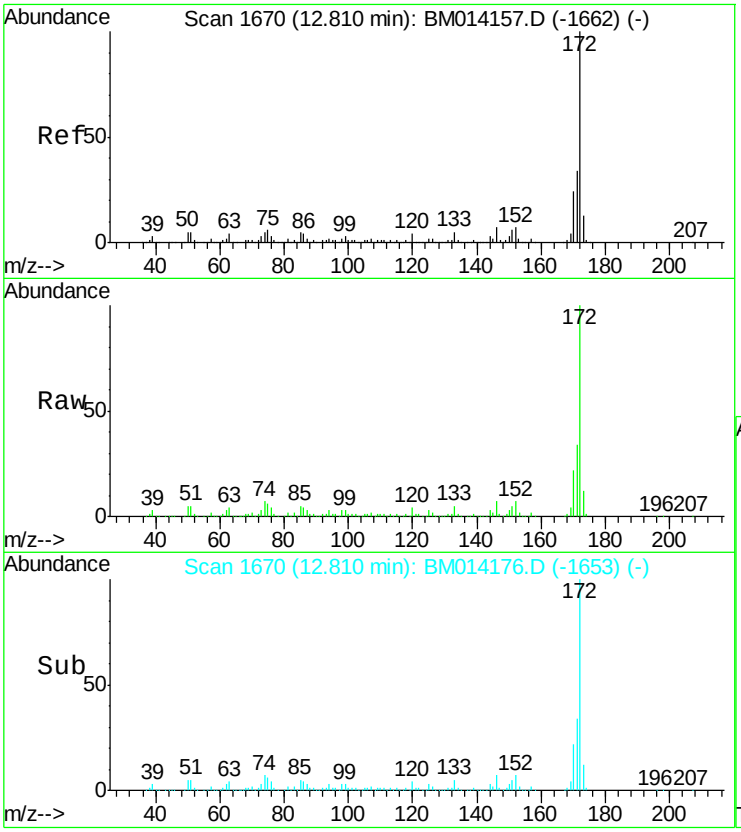


#41
2,4,6-Tribromophenol
Concen: 128.08 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:330 Resp: 422194

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	56.6	0.0	0.0#



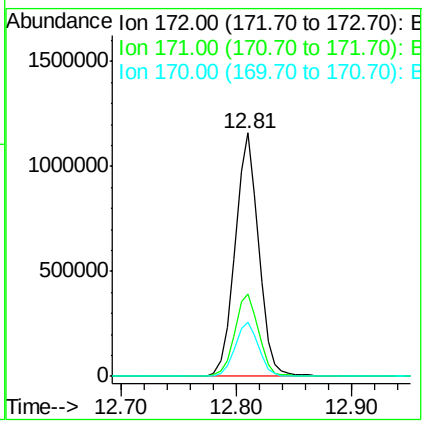


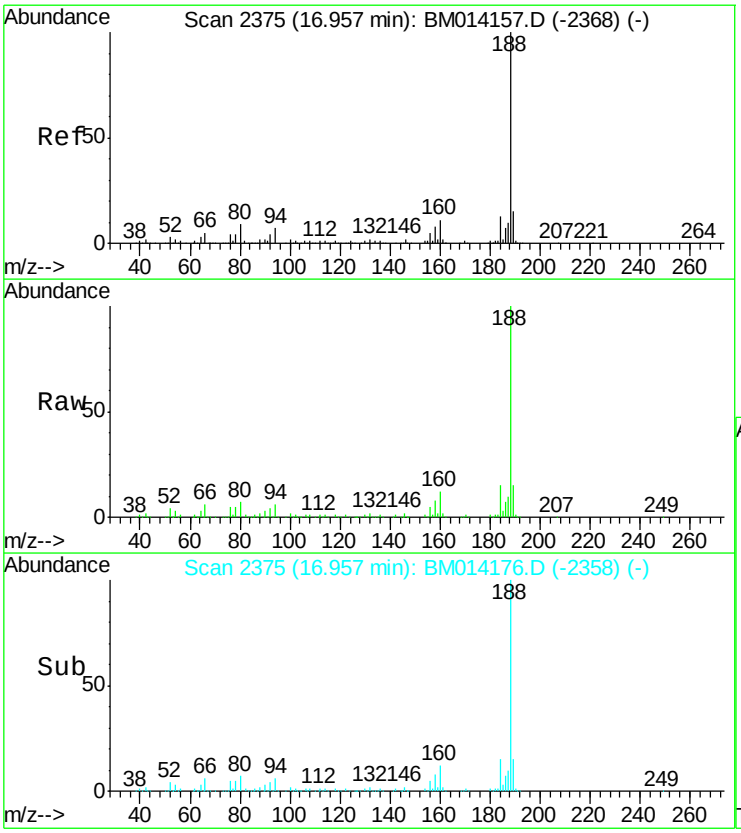
#44
2-Fluorobiphenyl
Concen: 87.79 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 1633672

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.3	18.8	28.2

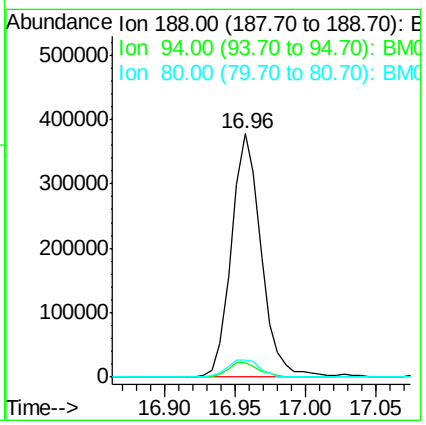


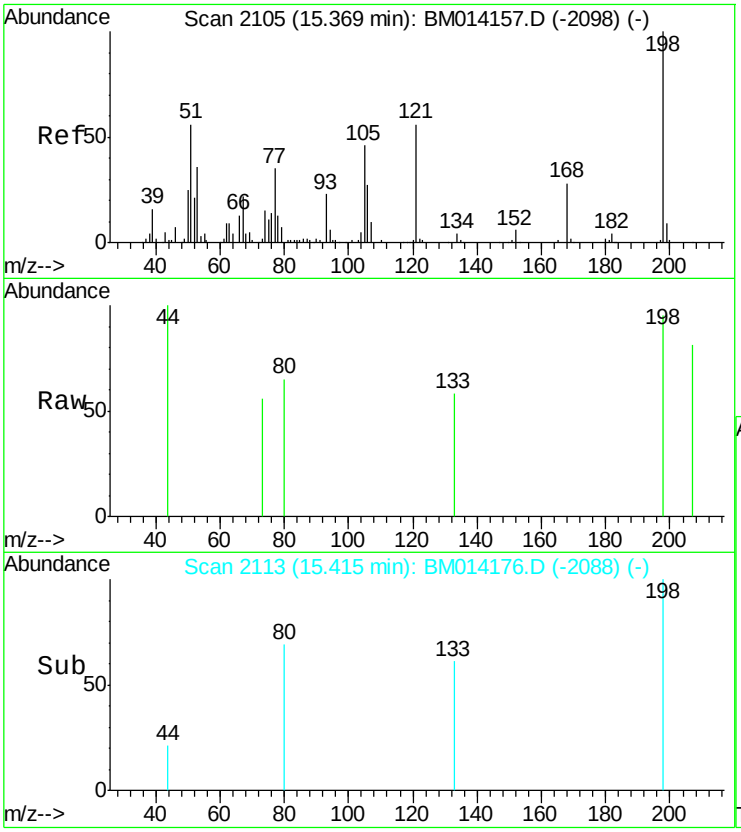


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:188 Resp: 554540

Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.7	13.1#
80	7.1	9.3	13.9#



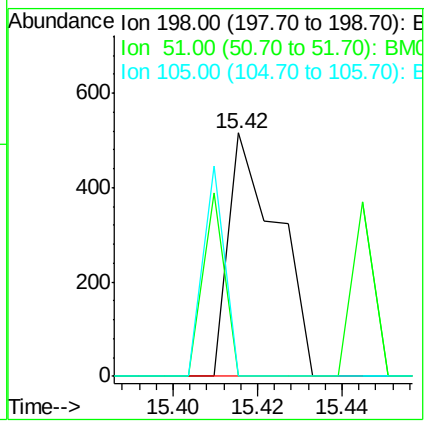


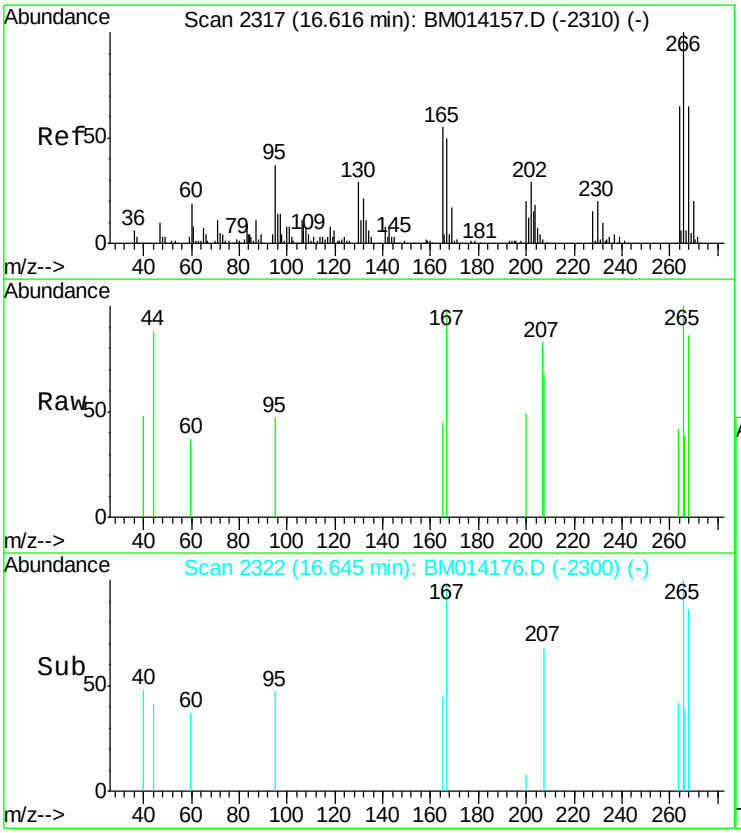
#64
4,6-Dinitro-2-methylphenol
Concen: 5.66 ng
RT: 15.42 min Scan# 2113
Delta R.T. 0.05 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 413

Ion	Ratio	Lower	Upper
198	100		
51	0.0	28.8	68.8#
105	0.0	30.5	70.5#

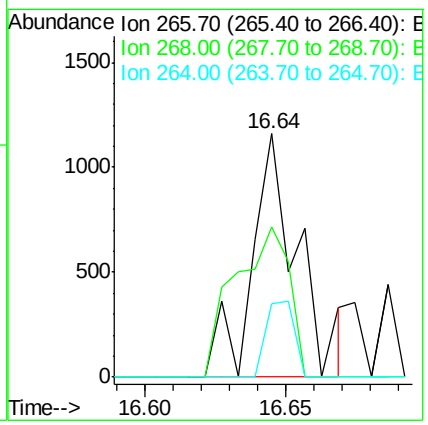


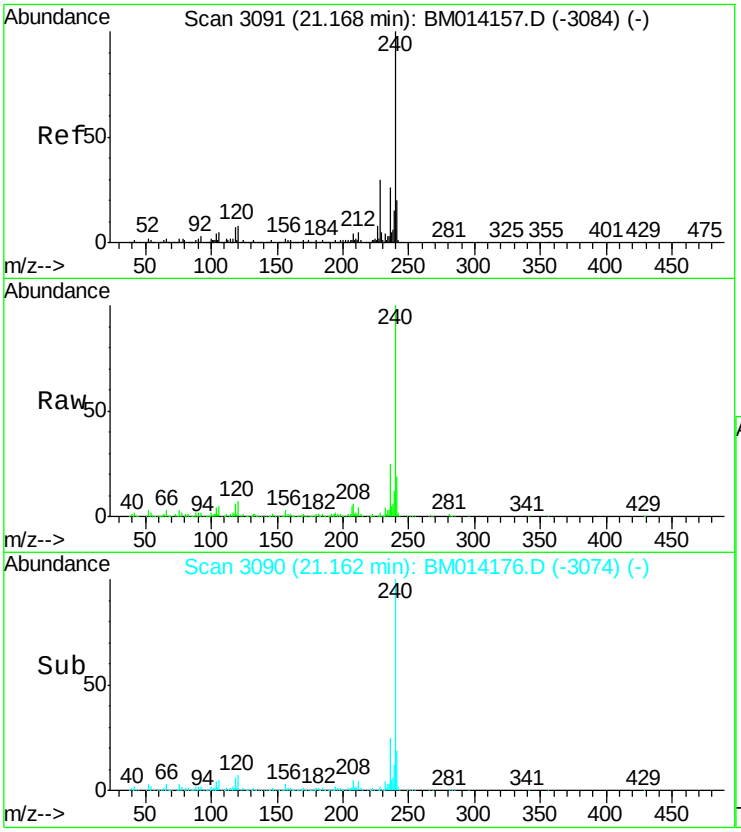


#69
Pentachlorophenol
Concen: 6.19 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.03 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:266 Resp: 1312

Ion	Ratio	Lower	Upper
266	100		
268	61.8	52.0	78.0
264	30.1	49.0	73.4#



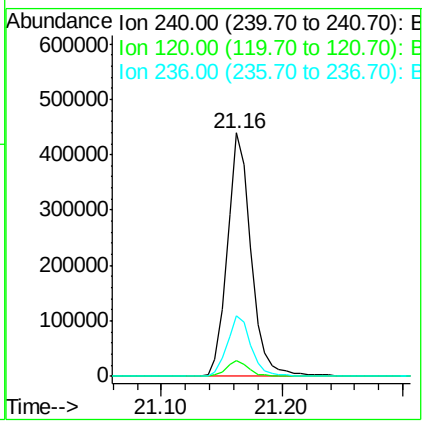


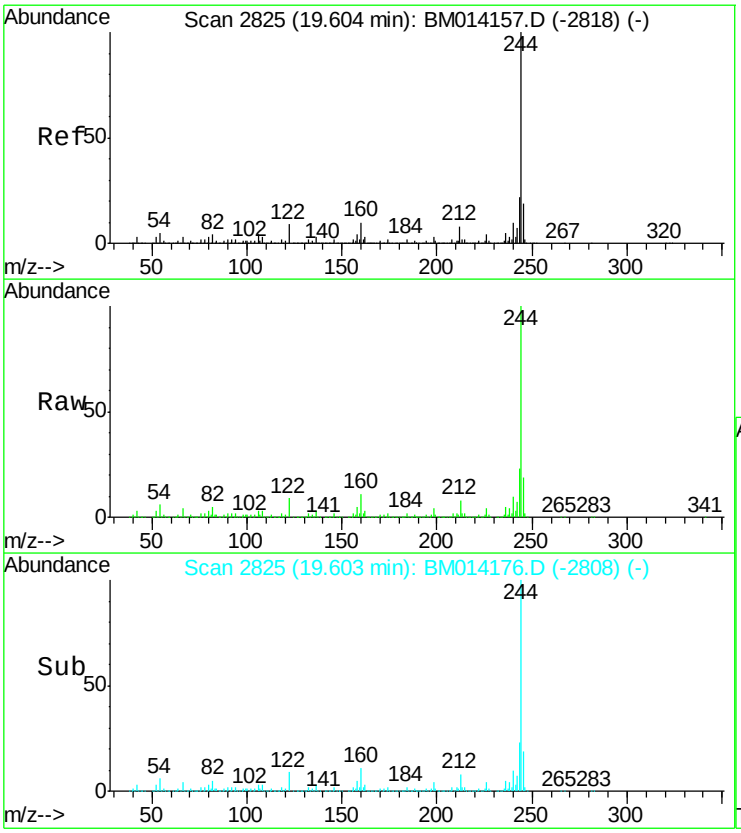
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 600406

Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.2	12.2#
236	25.0	20.0	30.0

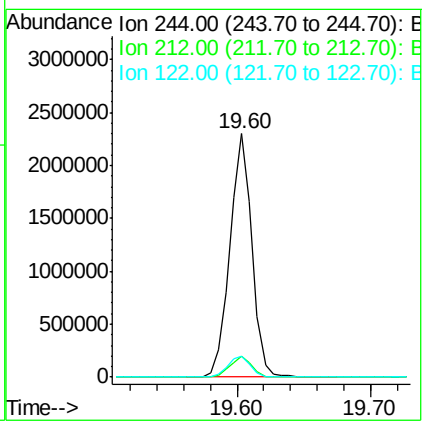


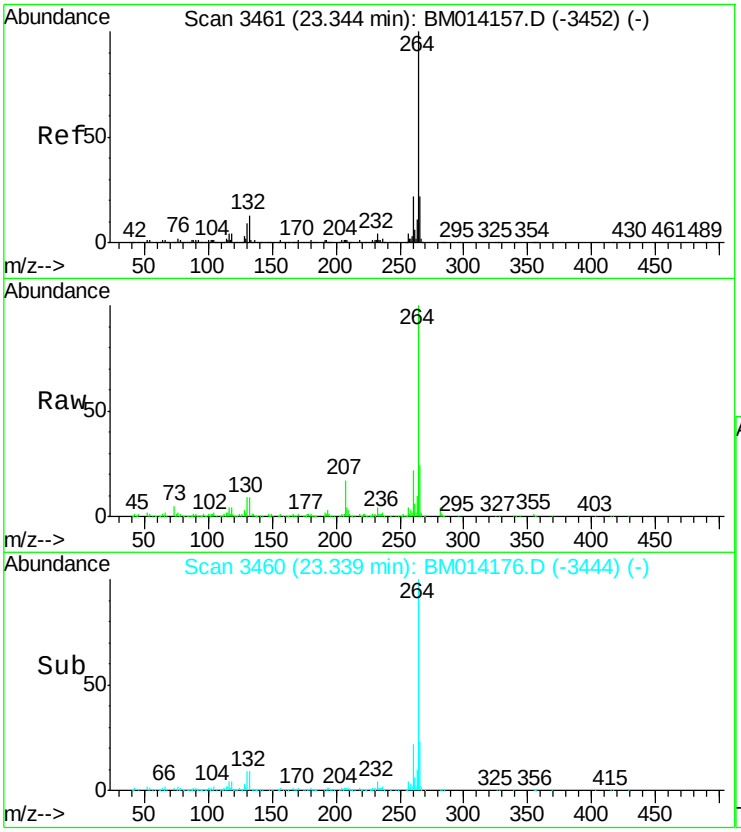


#78
Terphenyl-d14
Concen: 86.54 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:244 Resp: 2659252

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	8.7	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 545656

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.6	27.8
265	24.1	17.3	25.9