

Data File : BM022216.D
Acq On : 20 Aug 2019 17:26
Operator : HP/JU
Sample : K4330-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0630-FIELD-BLANK-MUNICIPAL

Quant Time: Aug 20 23:28:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

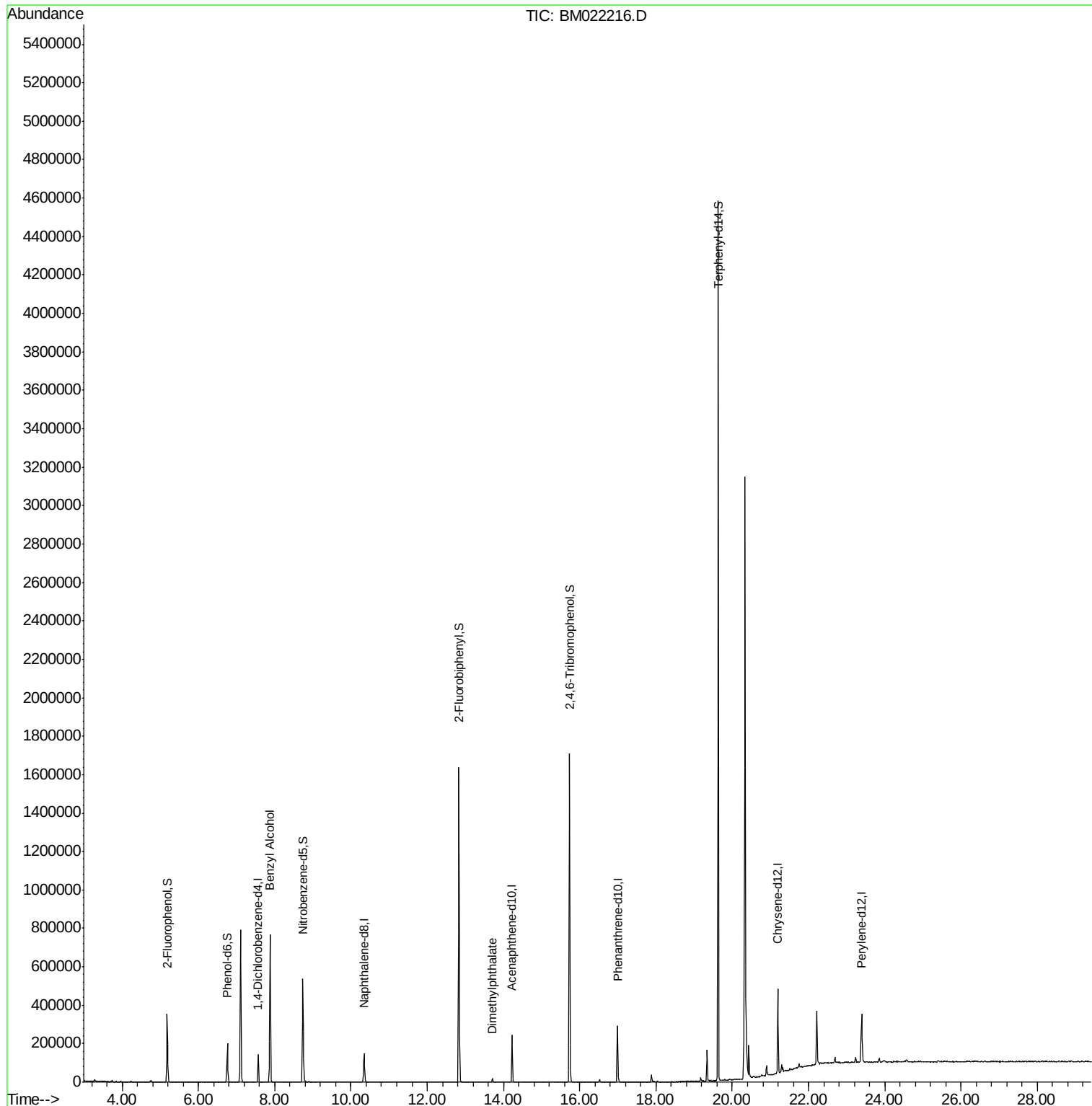
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	32870	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	121659	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	79713	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	178084	20.00	ng	0.00
76) Chrysene-d12	21.19	240	191374	20.00	ng	0.00
87) Perylene-d12	23.39	264	190668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	123489	66.95	ng	0.00
7) Phenol-d6	6.76	99	97110	39.53	ng	0.00
23) Nitrobenzene-d5	8.74	82	284419	113.71	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	261525	202.70	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	738321	115.68	ng	0.00
79) Terphenyl-d14	19.63	244	1777555	135.34	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.88	79	5931	2.747	ng	# 42
50) Dimethylphthalate	13.71	163	14578	2.175	ng	# 99

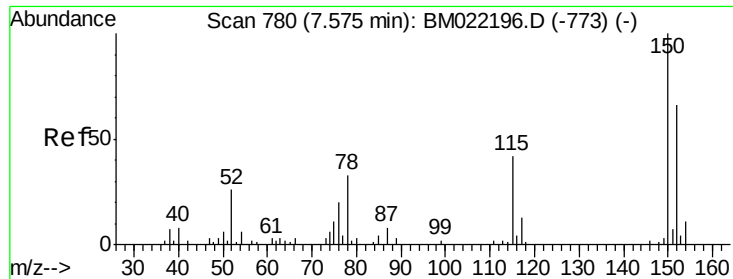
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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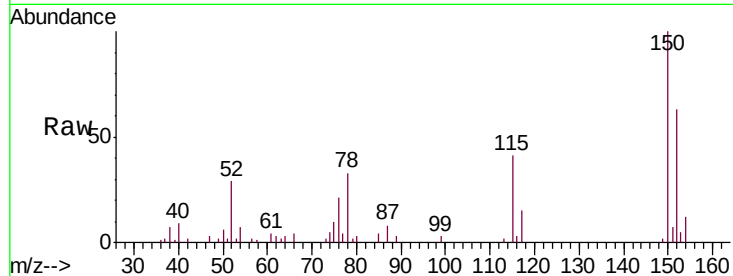


#1

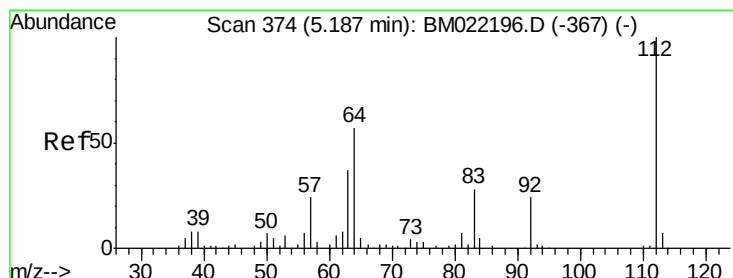
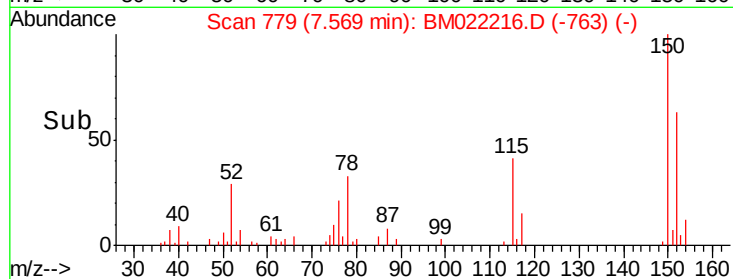
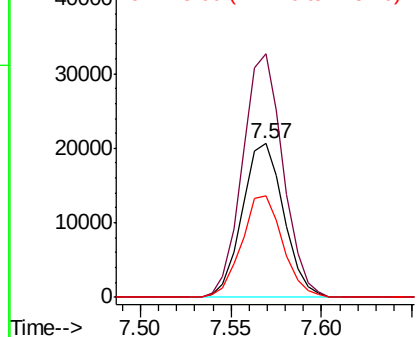
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022216.D
Acq: 20 Aug 2019 17:26

Instrument :
BNA_M
ClientSampleId :
0630-FIELD-BLANK-MUNICIPAL

Tgt Ion:152 Resp: 32870
Ion Ratio Lower Upper
152 100
150 158.1 123.1 184.7
115 65.5 44.2 66.4



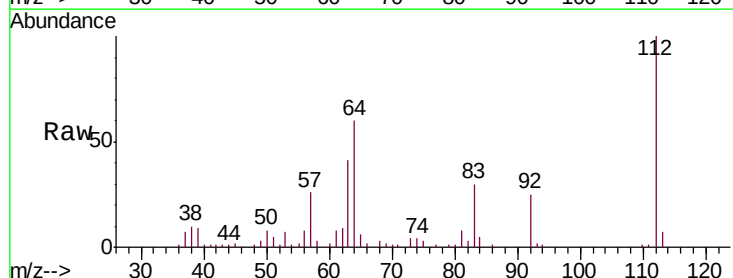
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



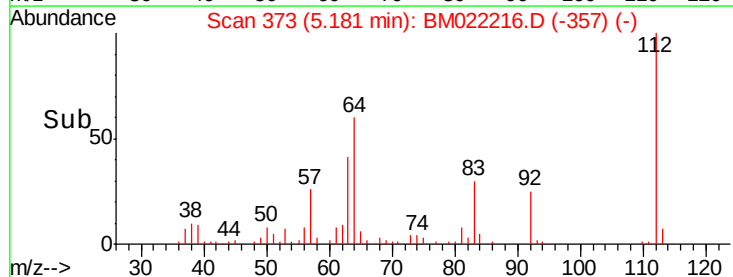
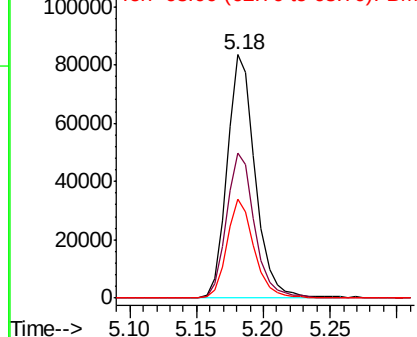
#5

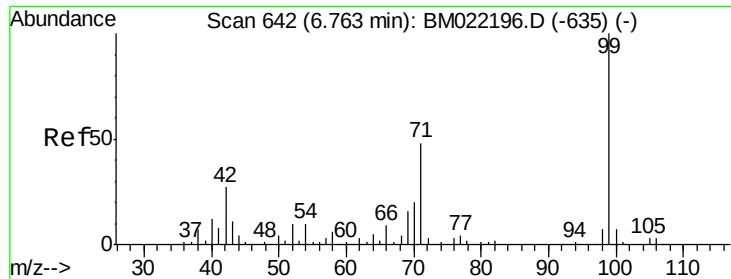
2-Fluorophenol
Concen: 66.947 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.01 min
Lab File: BM022216.D
Acq: 20 Aug 2019 17:26

Tgt Ion:112 Resp: 123489
Ion Ratio Lower Upper
112 100
64 59.7 45.2 67.8
63 40.7 23.5 35.3#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 39.534 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022216.D

Acq: 20 Aug 2019 17:26

Instrument :

BNA_M

ClientSampleId :

0630-FIELD-BLANK-MUNICIPAL

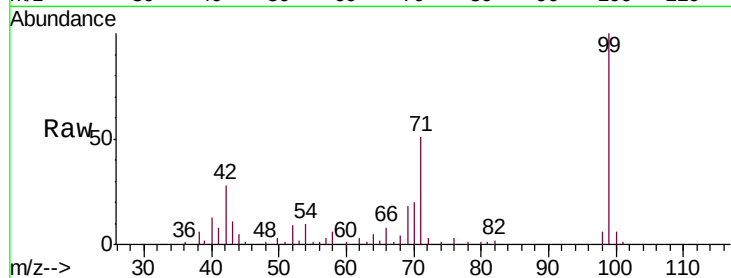
Tgt Ion: 99 Resp: 97110

Ion Ratio Lower Upper

99 100

42 28.0 13.5 20.3#

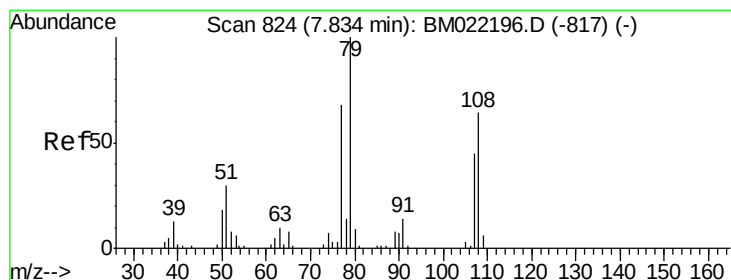
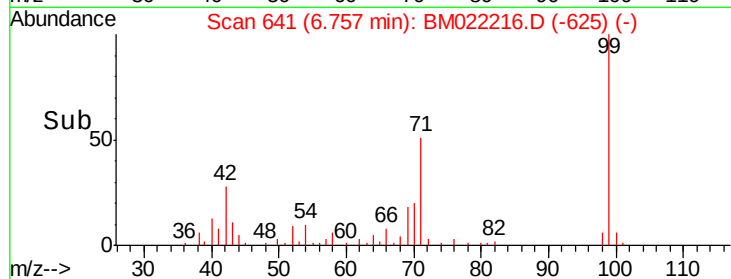
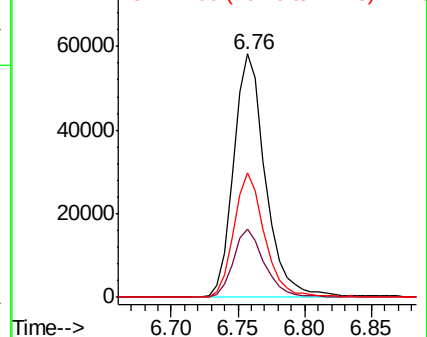
71 51.2 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#15

Benzyl Alcohol

Concen: 2.747 ng

RT: 7.88 min Scan# 832

Delta R.T. 0.05 min

Lab File: BM022216.D

Acq: 20 Aug 2019 17:26

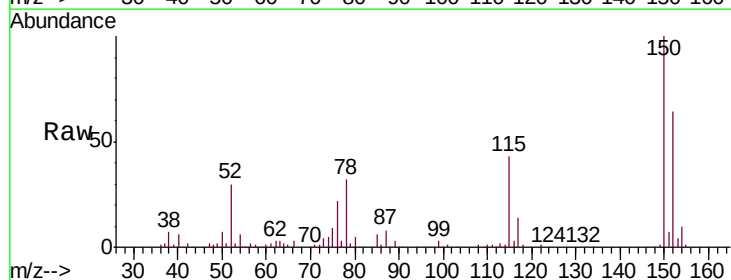
Tgt Ion: 79 Resp: 5931

Ion Ratio Lower Upper

79 100

108 58.4 58.4 87.6#

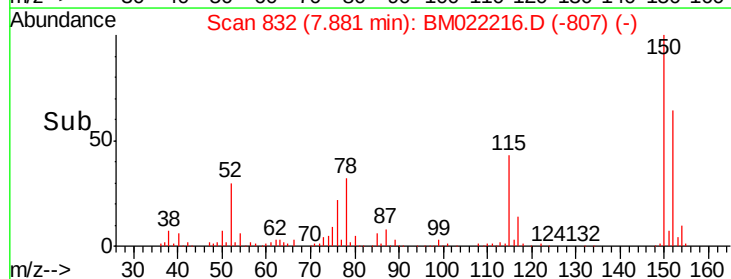
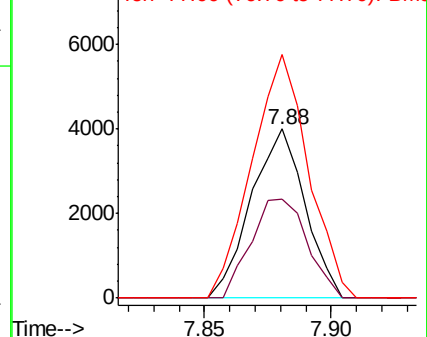
77 144.0 50.1 75.1#

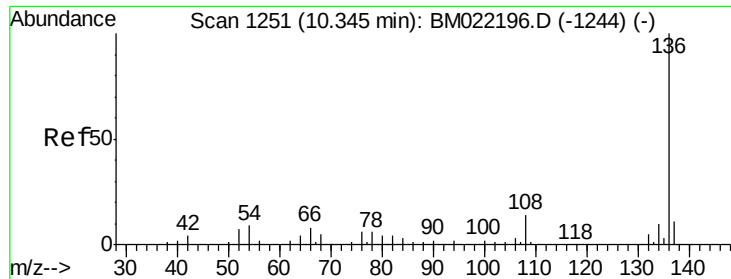


Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM022196.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM022196.D (-817) (-)

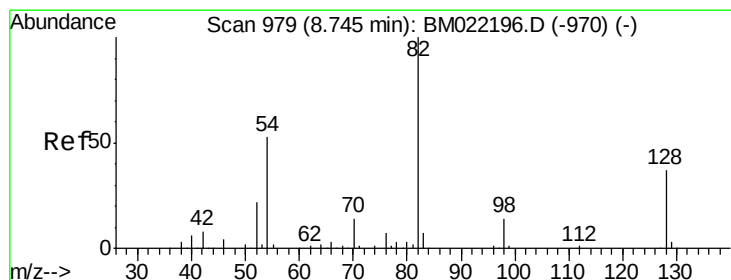
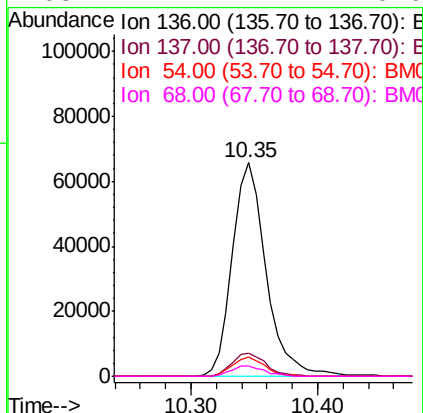
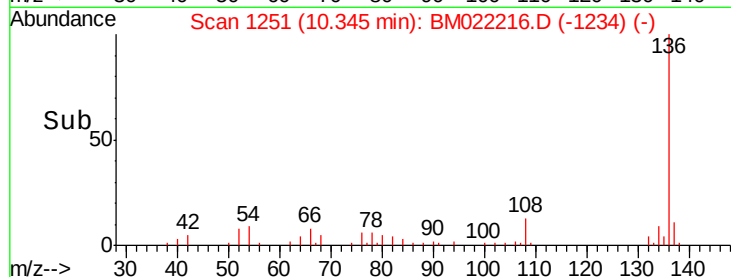
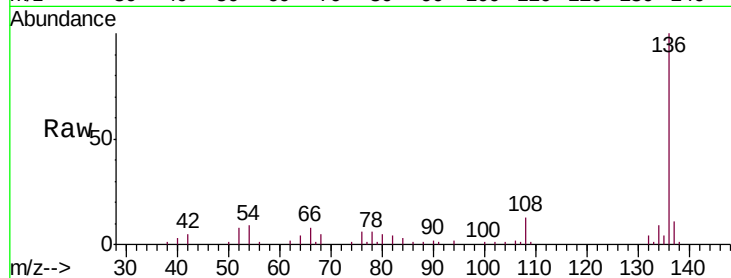




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BM022216.D
Acq: 20 Aug 2019 17:26

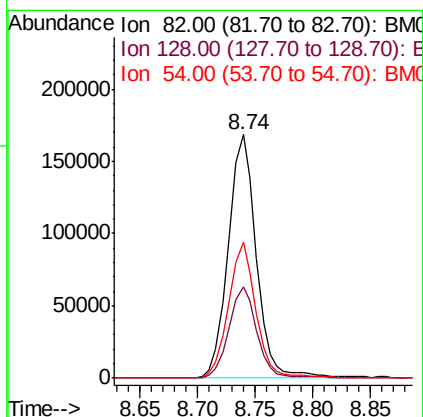
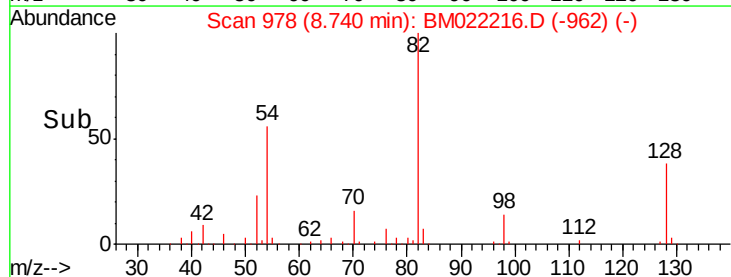
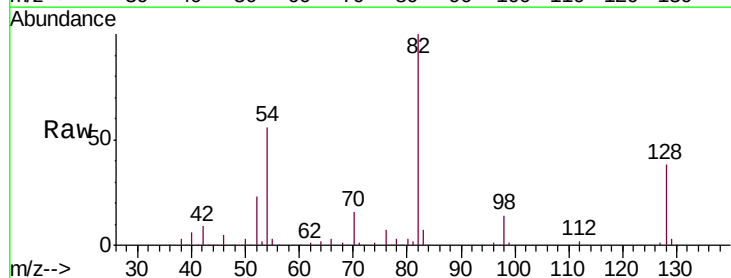
Instrument :
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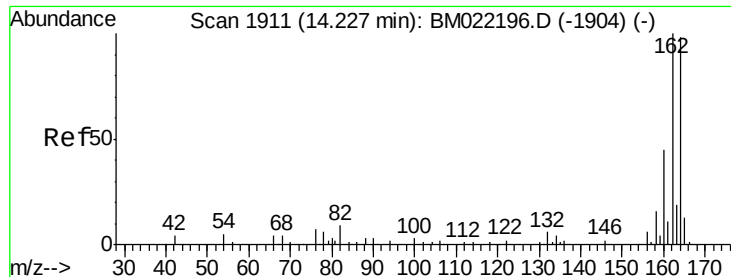
Tgt Ion:	136	Resp:	121659
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.0	5.3	7.9#
68	4.7	4.4	6.6



#23
Nitrobenzene-d5
Concen: 113.705 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM022216.D
Acq: 20 Aug 2019 17:26

Tgt Ion:	82	Resp:	284419
Ion	Ratio	Lower	Upper
82	100		
128	37.6	35.9	53.9
54	55.9	36.6	55.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM022216.D

Acq: 20 Aug 2019 17:26

Instrument :

BNA_M

ClientSampleId :

0630-FIELD-BLANK-MUNICIPAL

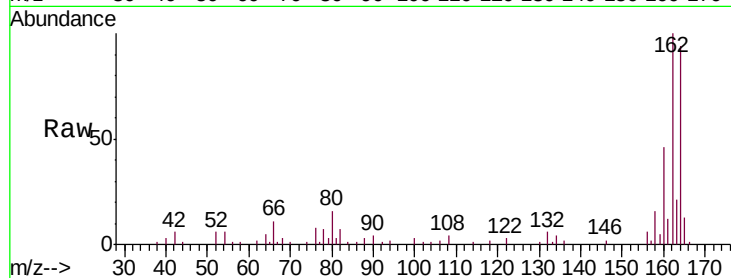
Tgt Ion:164 Resp: 79713

Ion Ratio Lower Upper

164 100

162 106.1 82.1 123.1

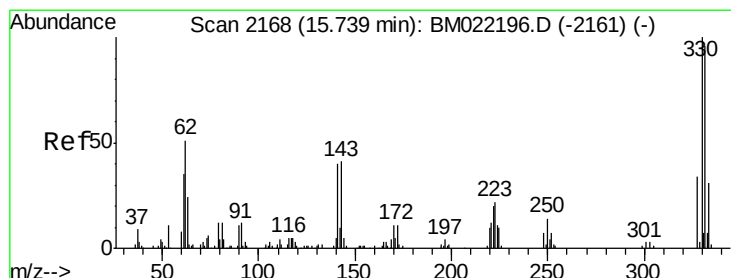
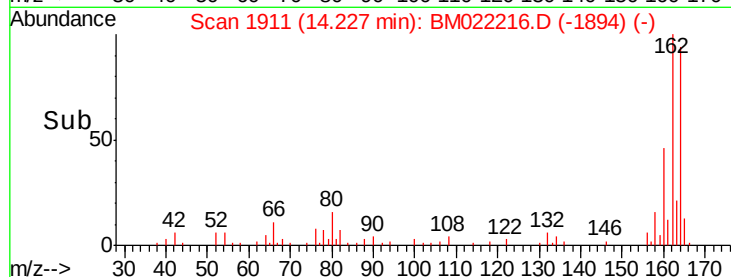
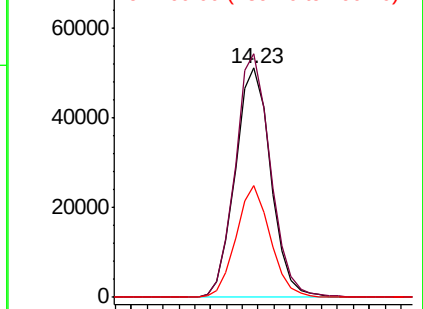
160 48.5 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 202.698 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM022216.D

Acq: 20 Aug 2019 17:26

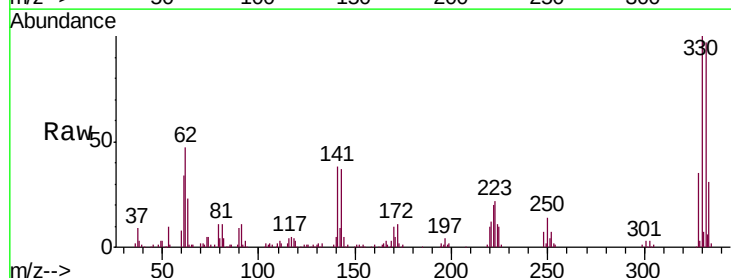
Tgt Ion:330 Resp: 261525

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

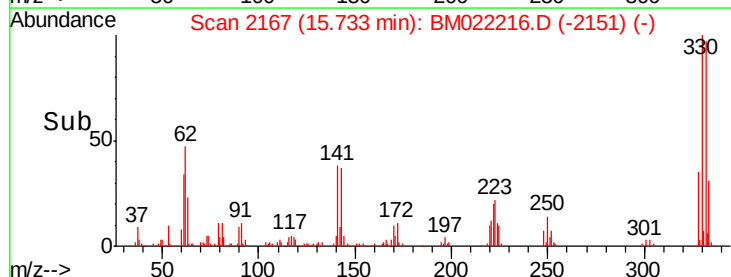
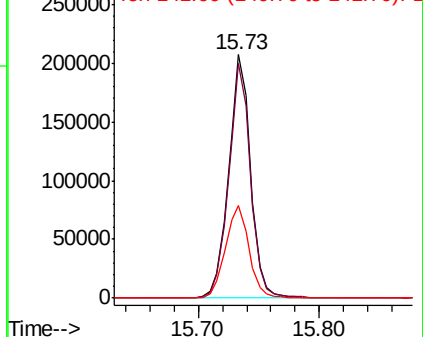
141 40.7 21.8 32.8#

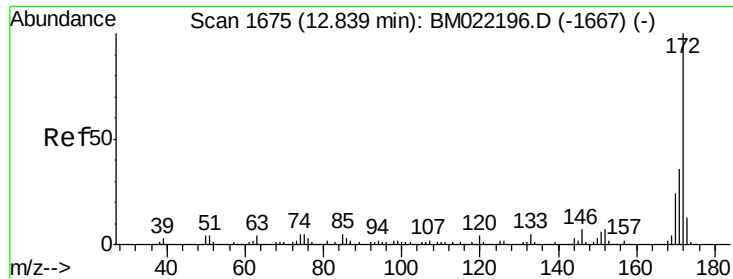


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

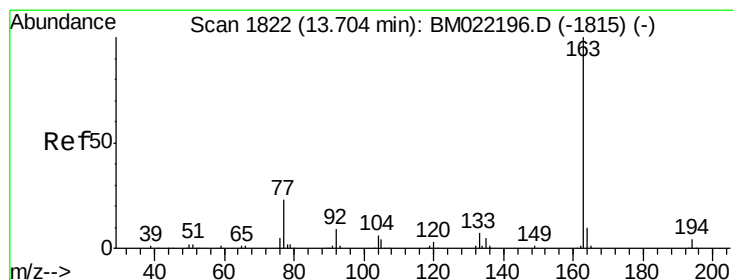
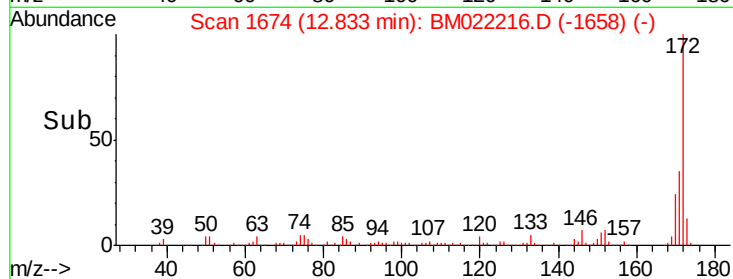
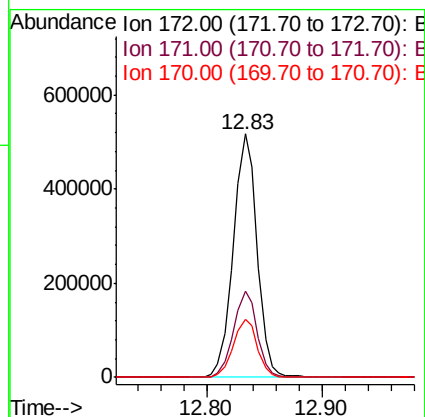
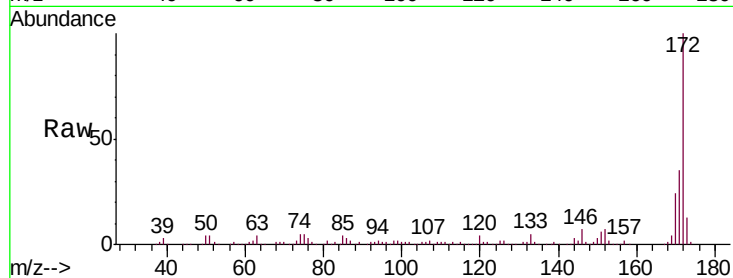




#45
2-Fluorobiphenyl
Concen: 115.685 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM022216.D
Acq: 20 Aug 2019 17:26

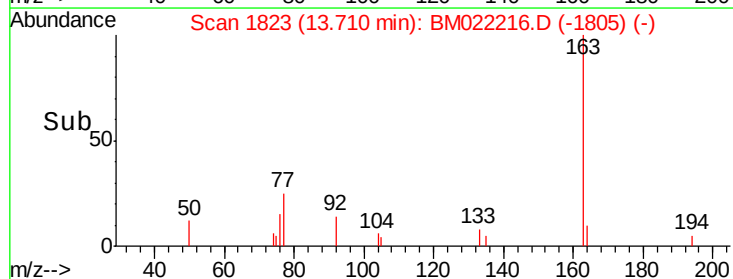
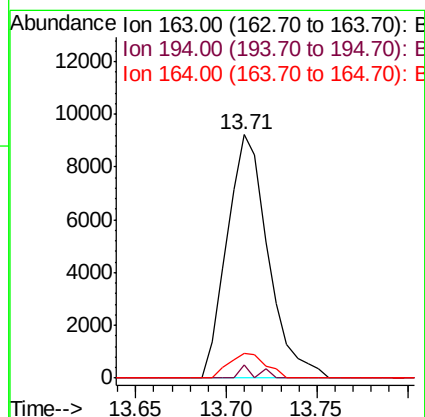
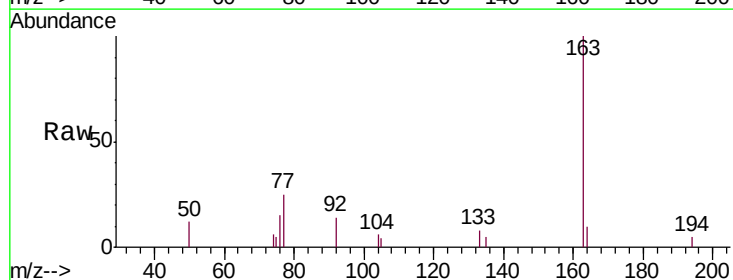
Instrument :
BNA_M
ClientSampleId :
0630-FIELD-BLANK-MUNICIPAL

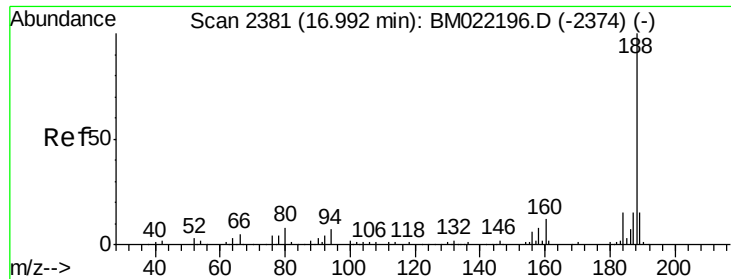
Tgt Ion:172 Resp: 738321
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.9 18.7 28.1



#50
Dimethylphthalate
Concen: 2.175 ng
RT: 13.71 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BM022216.D
Acq: 20 Aug 2019 17:26

Tgt Ion:163 Resp: 14578
Ion Ratio Lower Upper
163 100
194 5.5 3.4 5.2#
164 10.1 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM022216.D

Acq: 20 Aug 2019 17:26

Instrument :

BNA_M

ClientSampleId :

0630-FIELD-BLANK-MUNICIPAL

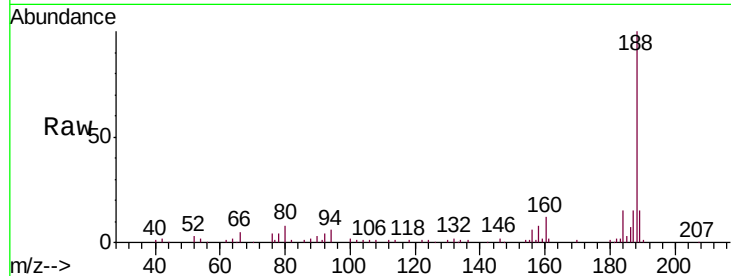
Tgt Ion:188 Resp: 178084

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

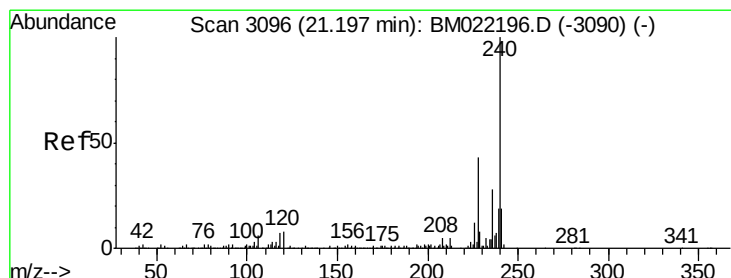
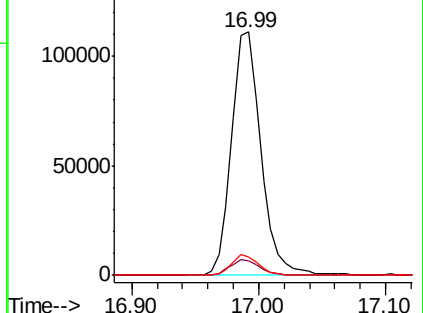
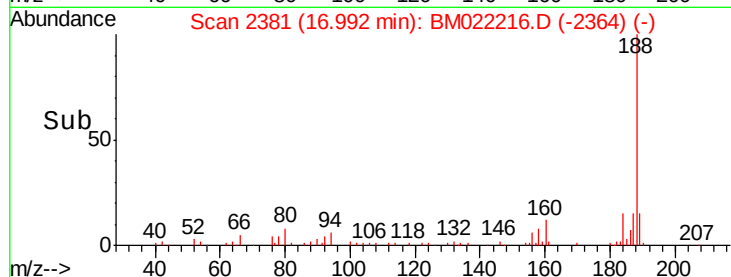
80 7.7 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

150000 Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM022216.D

Acq: 20 Aug 2019 17:26

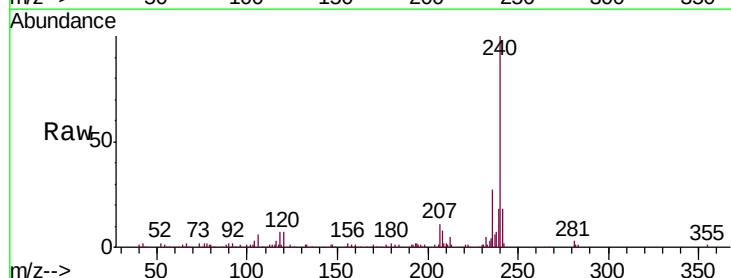
Tgt Ion:240 Resp: 191374

Ion Ratio Lower Upper

240 100

120 6.9 6.9 10.3

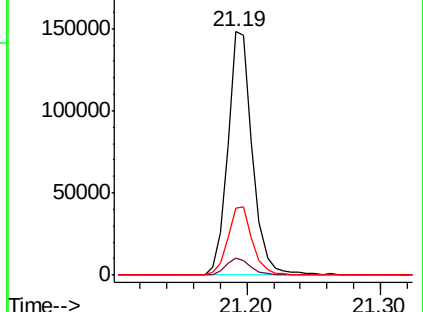
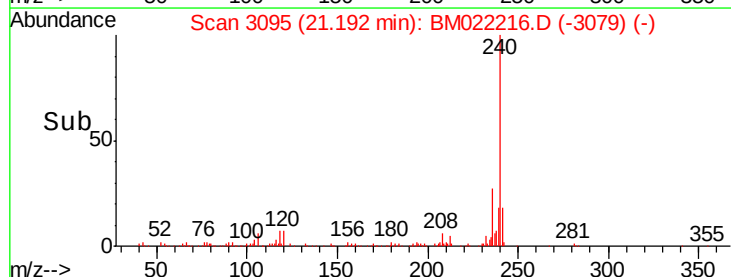
236 27.3 20.4 30.6

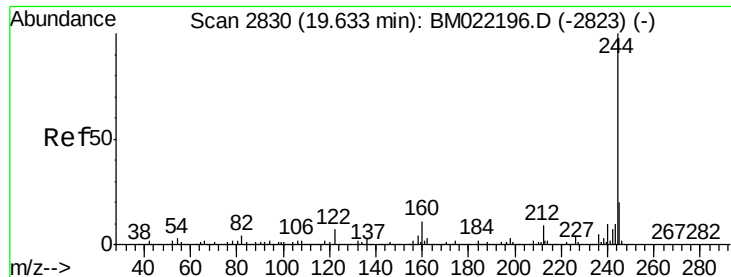


Abundance Ion 240.00 (239.70 to 240.70): E

200000 Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

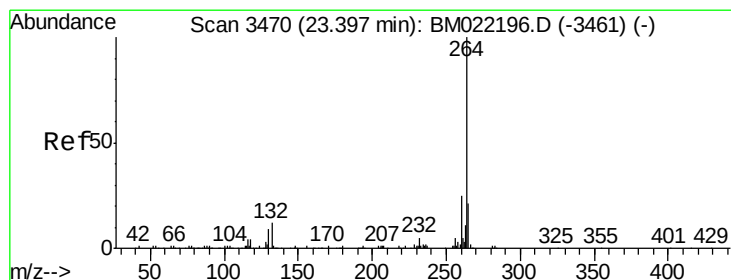
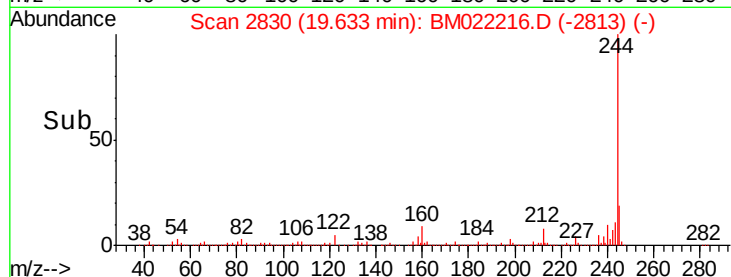
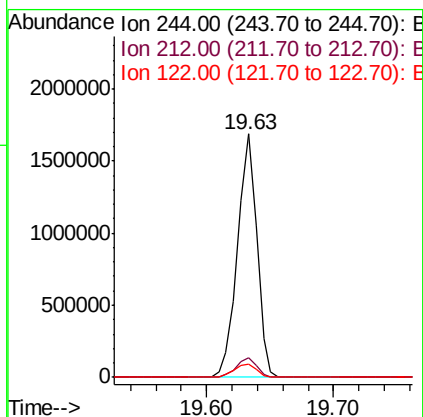
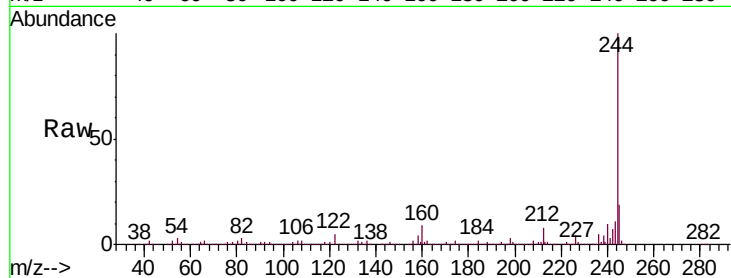




#79
 Terphenyl-d14
 Concen: 135.340 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM022216.D
 Acq: 20 Aug 2019 17:26

Instrument :
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 0630-FIELD-BLANK-MUNICIPAL

Tgt Ion:244 Resp: 1777555
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.3 7.9
 122 5.4 6.6 9.8#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM022216.D
 Acq: 20 Aug 2019 17:26

Tgt Ion:264 Resp: 190668
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.4
 265 22.0 17.7 26.5

