

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021621\
 Data File : BM028760.D
 Acq On : 16 Feb 2021 22:39
 Operator : CG/JU
 Sample : M1407-04DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ9DL

Manual Integrations
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Quant Time: Feb 17 05:58:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 16 17:19:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	423	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1661	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	975	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1933m	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1749	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	1796	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	450	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1065	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	105	0.025	ng/ul#	8
5) 2-Methylnaphthalene	12.36	142	162	0.059	ng/ul	95
7) Acenaphthylene	14.26	152	189	0.047	ng/ul#	53
8) Acenaphthene	14.60	153	3398	1.077	ng/ul	99
9) Fluorene	15.58	166	734	0.210	ng/ul#	88
11) Pentachlorophenol	16.93	266	486	0.962	ng/ul	96
12) Phenanthrene	17.31	178	249	0.046	ng/ul#	61
13) Anthracene	17.41	178	310	0.060	ng/ul#	64

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

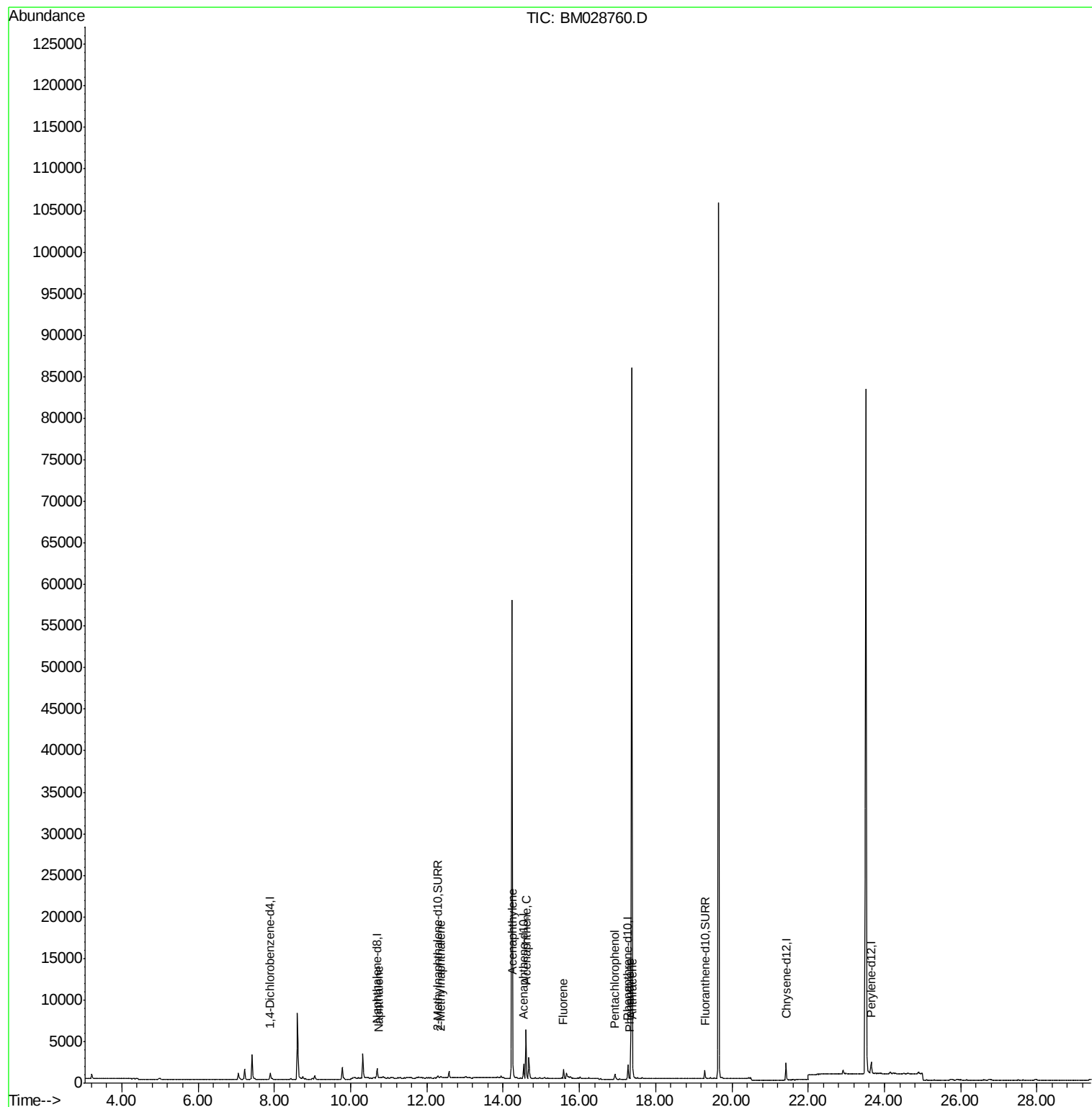
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021621\
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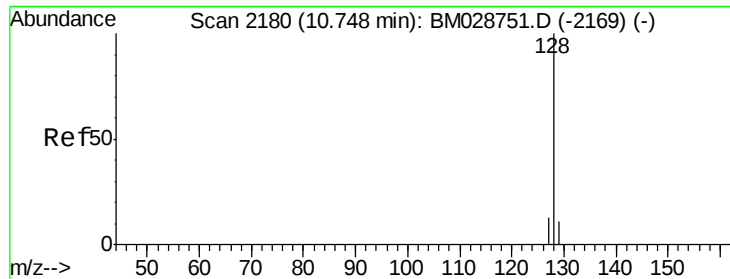
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.74 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BM028760.D

Acq: 16 Feb 2021 22:39

Instrument :

BNA_M

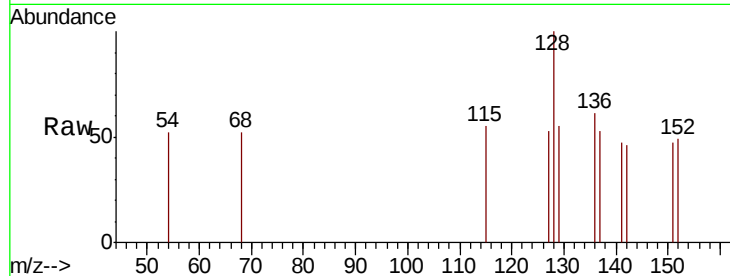
ClientSampleId :

DBGJ9DL

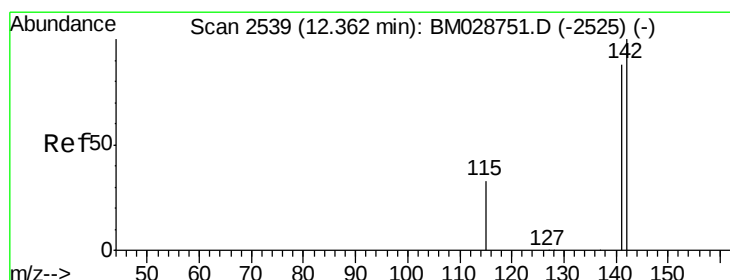
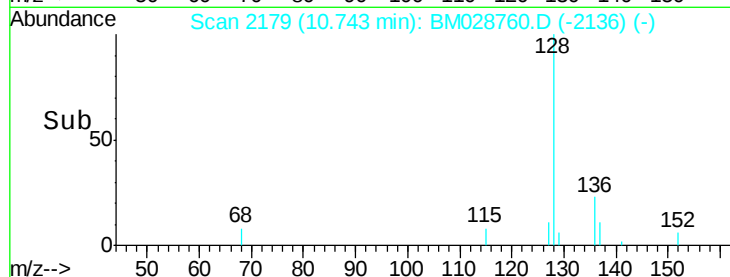
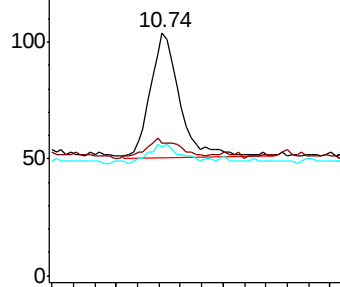
Tot Ion:	128	Resp:	105
Ion	Ratio	Lower	Upper
128	100		
129	54.8	11.4	17.2#
127	52.9	13.0	19.6#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.059 ng/ul

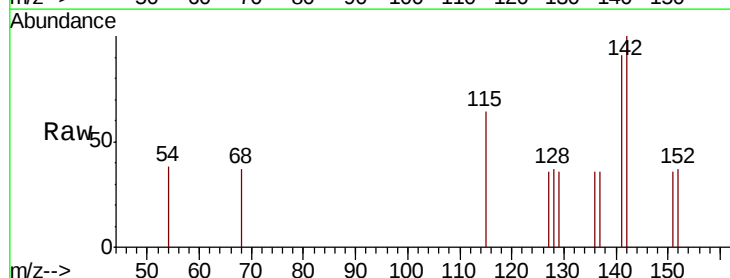
RT: 12.36 min Scan# 2539

Delta R.T. 0.00 min

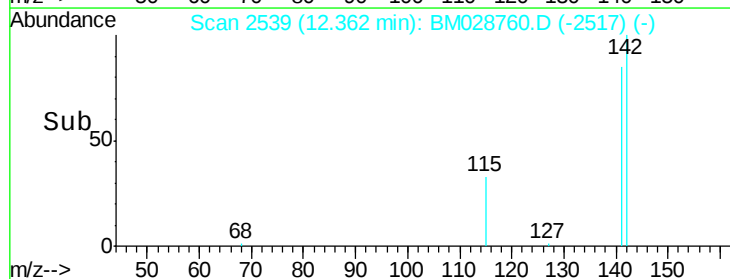
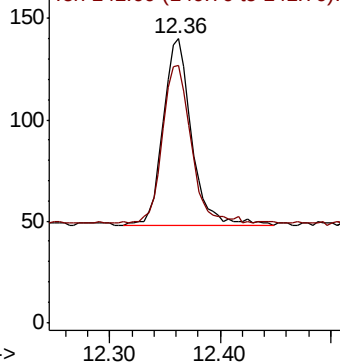
Lab File: BM028760.D

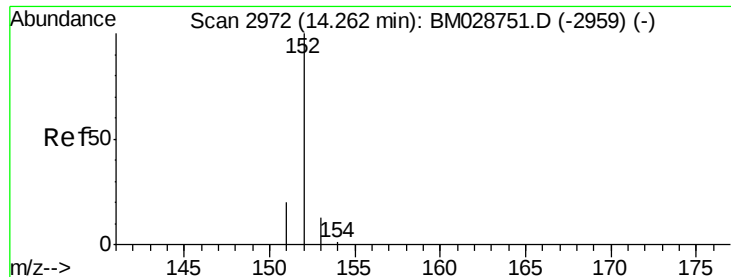
Acq: 16 Feb 2021 22:39

Tgt Ion:	142	Resp:	162
Ion	Ratio	Lower	Upper
142	100		
141	85.2	72.2	108.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.047 ng/ul

RT: 14.26 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BM028760.D

Acq: 16 Feb 2021 22:39

Instrument :

BNA_M

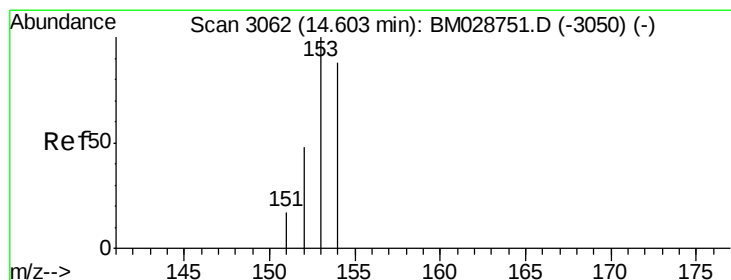
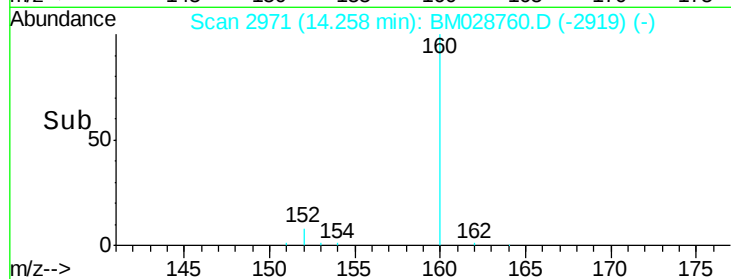
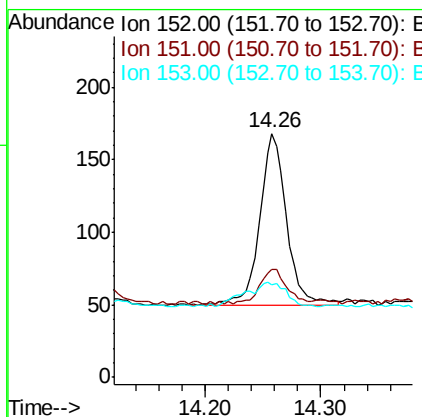
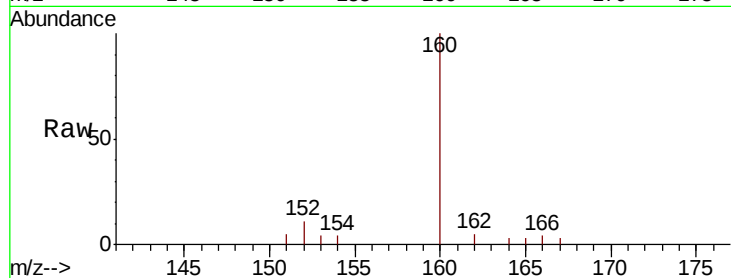
ClientSampleId :

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Tot Ion:	152	Resp:	189
Ion Ratio	Lower	Upper	
152	100		
151	44.0	18.0	27.0#
153	38.1	13.4	20.0#

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#8

Acenaphthene

Concen: 1.077 ng/ul

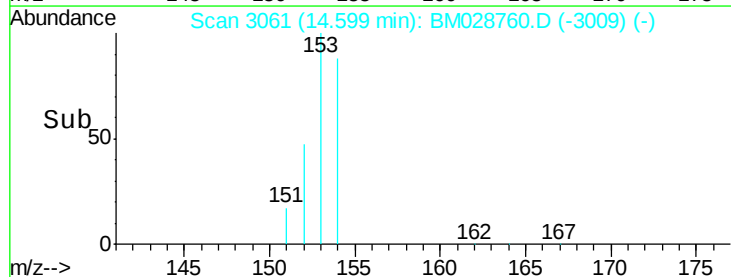
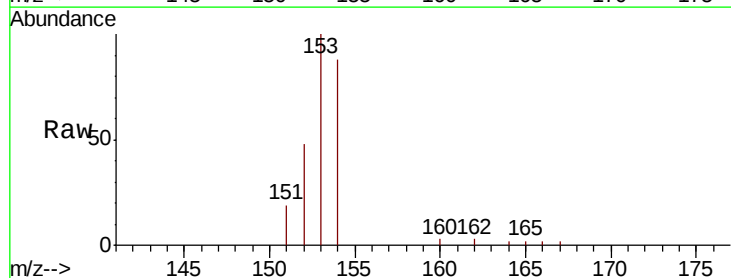
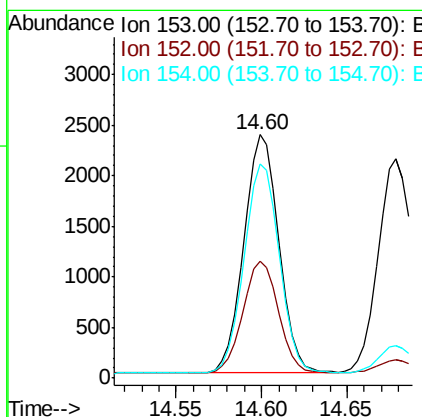
RT: 14.60 min Scan# 3061

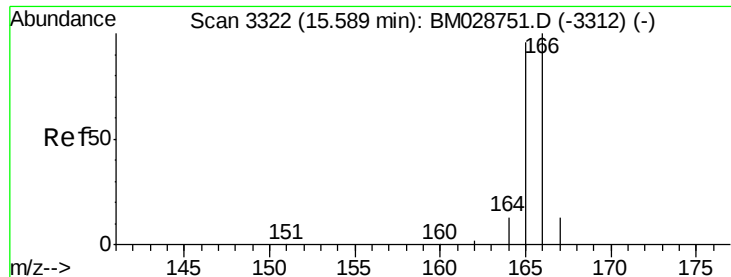
Delta R.T. -0.00 min

Lab File: BM028760.D

Acq: 16 Feb 2021 22:39

Tgt Ion:	153	Resp:	3398
Ion Ratio	Lower	Upper	
153	100		
152	48.1	39.6	59.4
154	88.2	70.3	105.5





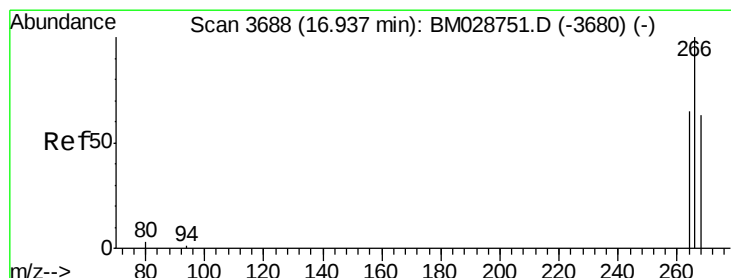
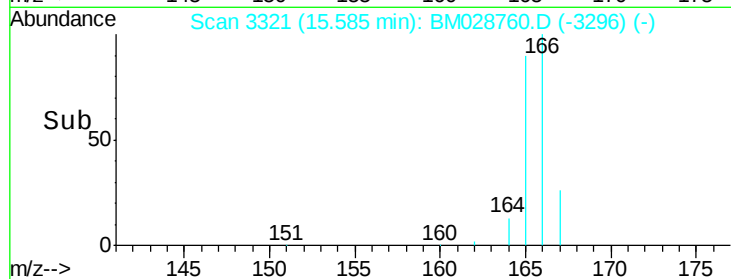
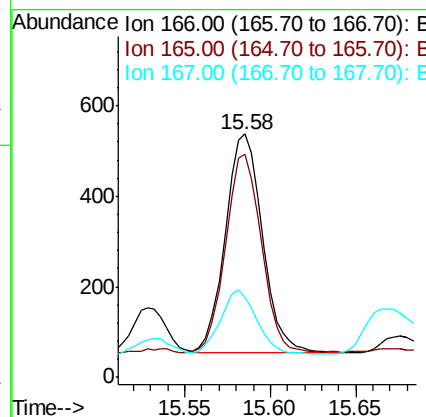
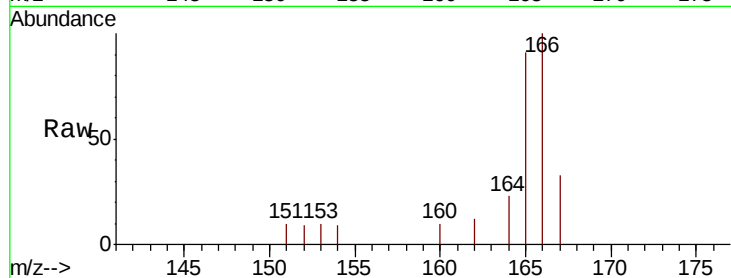
#9
Fluorene
 Concen: 0.210 ng/ul
 RT: 15.58 min Scan# 3321
 Delta R.T. -0.00 min
 Lab File: BM028760.D
 Acq: 16 Feb 2021 22:39

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	91.4	79.6	119.4
167	32.7	13.9	20.9

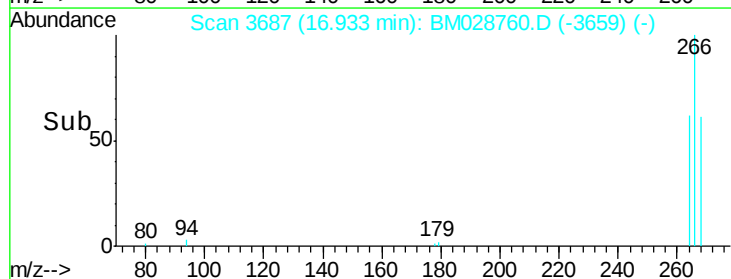
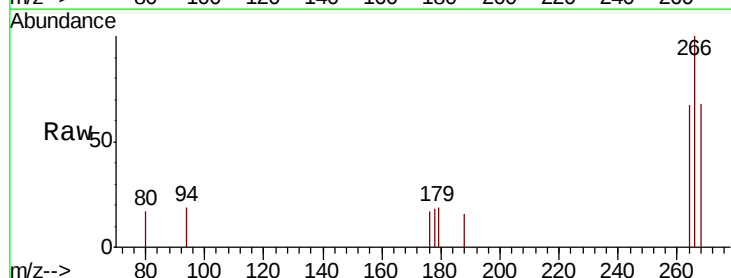
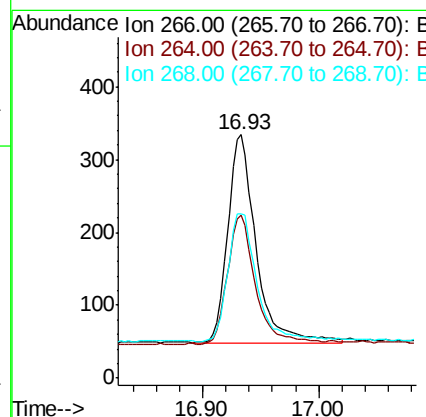
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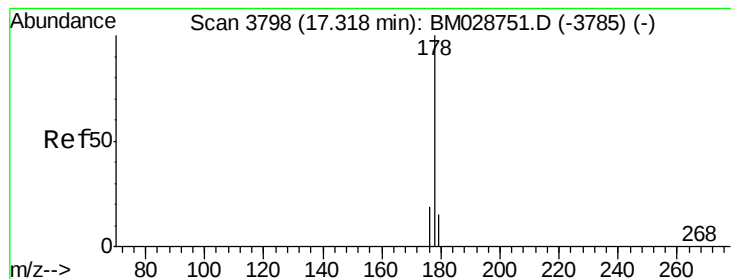
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#11
Pentachlorophenol
 Concen: 0.962 ng/ul
 RT: 16.93 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: BM028760.D
 Acq: 16 Feb 2021 22:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.7	51.0	76.4
268	63.2	53.0	79.4





#12

Phenanthrene

Concen: 0.046 ng/ul

RT: 17.31 min Scan# 3797

Delta R.T. -0.00 min

Lab File: BM028760.D

Acq: 16 Feb 2021 22:39

Instrument :

BNA_M

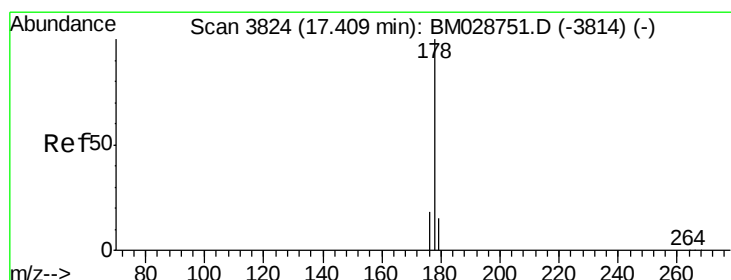
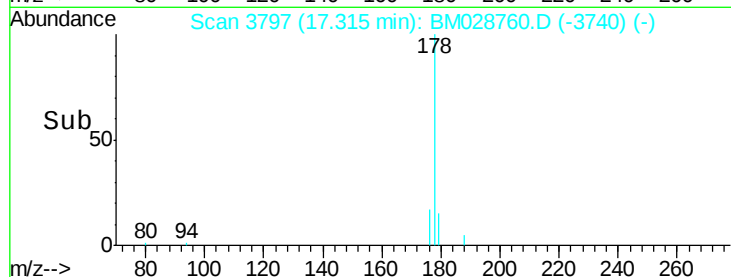
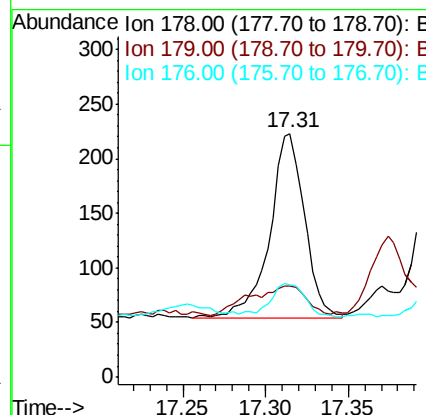
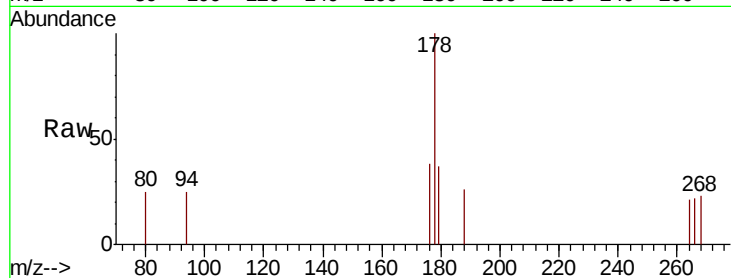
ClientSampleId :

DBGJ9DL

Tot Ion:178	Resp:	249
Ion Ratio	Lower	Upper
178	100	
179	37.2	14.7 22.1#
176	38.1	16.7 25.1#

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#13

Anthracene

Concen: 0.060 ng/ul

RT: 17.41 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BM028760.D

Acq: 16 Feb 2021 22:39

Tgt Ion:178	Resp:	310
Ion Ratio	Lower	Upper
178	100	
179	34.8	15.0 22.4#
176	37.5	16.6 24.8#

