

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
 Data File : BM029773.D
 Acq On : 02 May 2021 08:05
 Operator : CG/JU
 Sample : M2127-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AA4

Quant Time: May 03 01:19:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 01 16:23:05 2021
 Response via : Initial Calibration

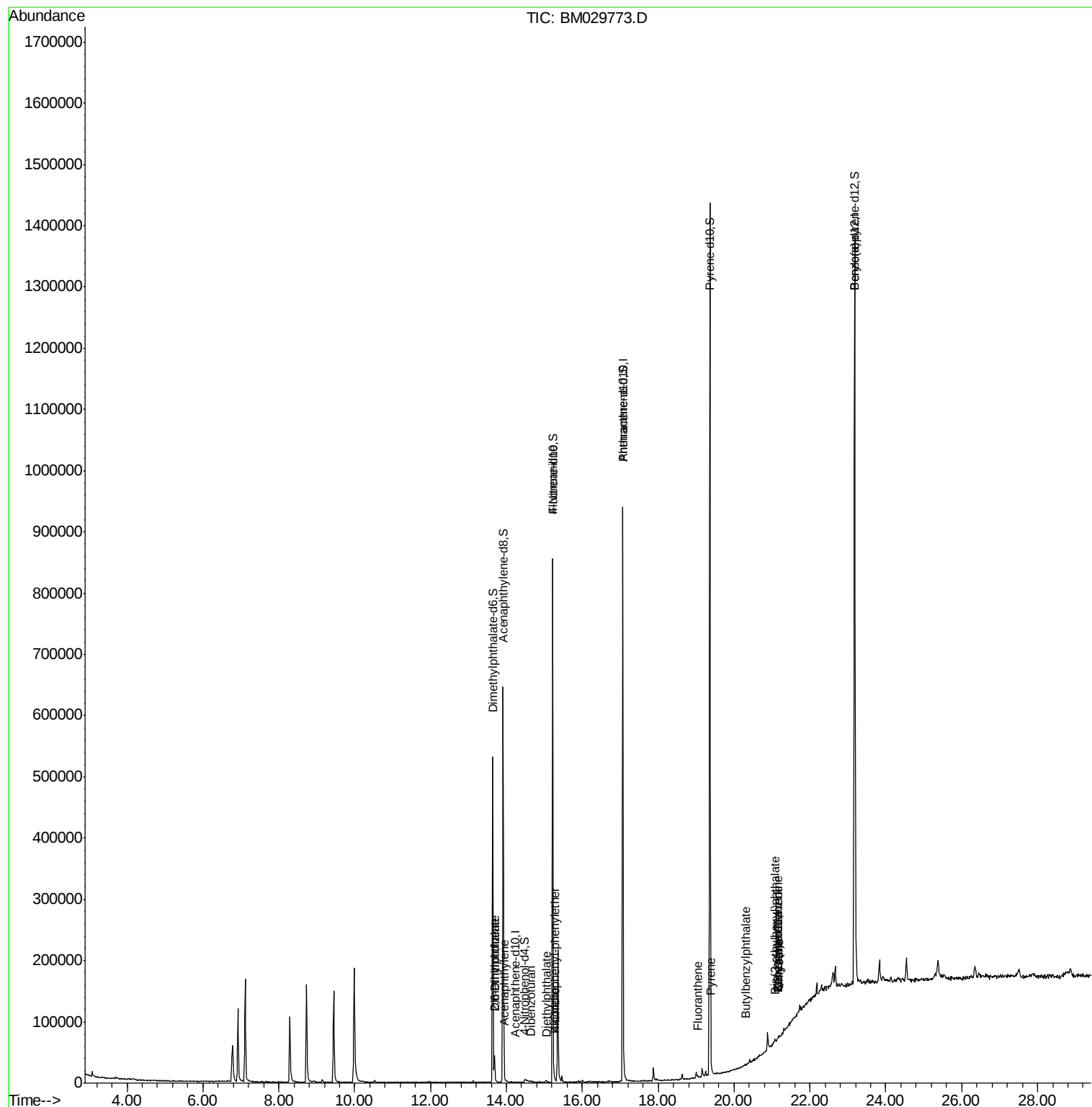
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.58
20) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.36
38) Acenaphthene-d10	14.23	164	162	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	628691	20.00	ng/ul	0.09
79) Chrysene-d12	21.16	240	886	20.00	ng/ul	0.00
88) Perylene-d12	23.18	264	959069	20.00	ng/ul	-0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4759	0.00	ng/uL	0.00
4) Pyridine-d5	3.50	84	372	0.00	ng/ul	0.00
7) Phenol-d5	6.76	99	26008	0.00	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	55351	0.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	87226	0.00	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	49204	0.00	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	47235	0.00	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	59067	0.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	110591	0.00	ng/ul	0.00
31) 4-Chloroaniline-d4	10.52	131	1621	0.00	ng/ul	0.01
46) Dimethylphthalate-d6	13.64	166	403583	31447.55	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	487968	30840.46	ng/ul	0.00
54) 4-Nitrophenol-d4	14.48	143	1500	883.64	ng/ul	0.02
60) Fluorene-d10	15.22	176	366580	33024.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	116	0.03	ng/ul	0.13
73) Anthracene-d10	17.06	188	630791	19.90	ng/ul	0.00
81) Pyrene-d10	19.36	212	811409	17933.68	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	942806	17.13	ng/ul	0.00
Target Compounds						
47) Dimethylphthalate	13.69	163	30770	2472.219	ng/ul	99
48) 2,6-Dinitrotoluene	13.69	165	363	144.697	ng/ul#	36
50) Acenaphthylene	13.95	152	114	7.740	ng/ul#	61
56) Dibenzofuran	14.63	168	355	23.256	ng/ul#	42
59) Diethylphthalate	15.06	149	1191	100.806	ng/ul#	80
61) Fluorene	15.28	166	412	32.356	ng/ul#	66
62) 4-Chlorophenyl-phenvlether	15.27	204	268	37.680	ng/ul#	35
63) 4-Nitroaniline	15.22	138	111	46.724	ng/ul#	1
80) Fluoranthene	19.03	202	2553	47.974	ng/ul#	84
82) Pyrene	19.39	202	3095	54.656	ng/ul#	82
83) Butylbenzylphthalate	20.30	149	746	37.966	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.14	252	122	5.365	ng/ul#	24
85) Benzo(a)anthracene	21.14	228	1607	27.718	ng/ul#	91
86) Bis(2-ethylhexyl)phthalate	21.07	149	1387	46.000	ng/ul#	80
87) Chrysene	21.20	228	1855	32.018	ng/ul#	87

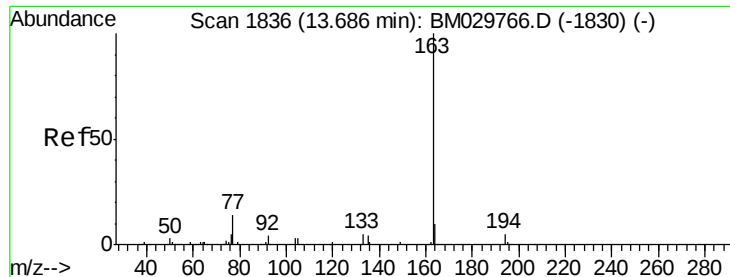
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
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Response via : Initial Calibration





#47

Dimethylphthalate

Concen: 2472.219 ng/ul

RT: 13.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

Instrument :

BNA_M

ClientSampled :

E0AA4

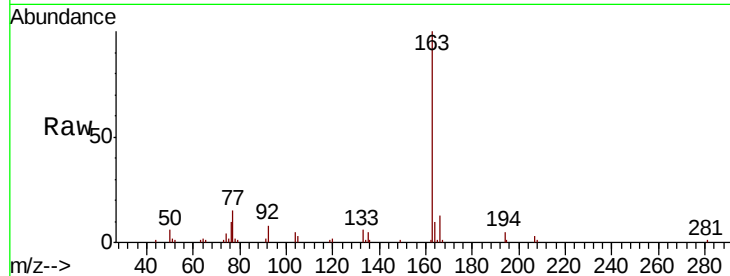
Tot Ion:163 Resp: 30770

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

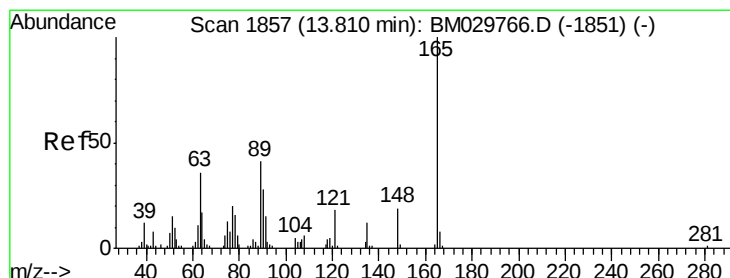
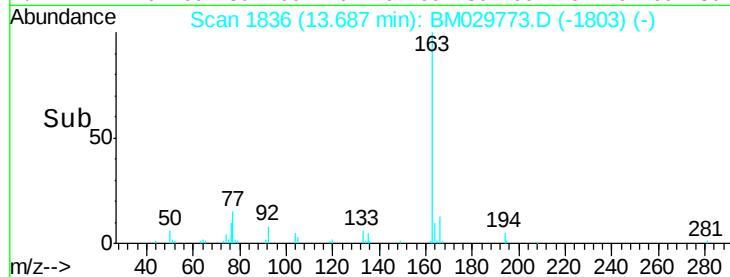
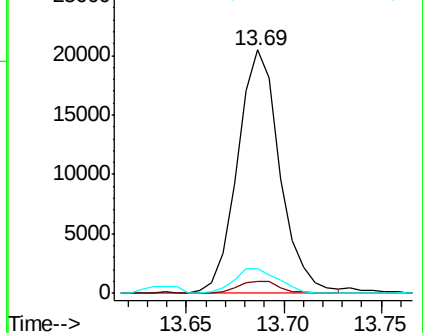
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2,6-Dinitrotoluene

Concen: 144.697 ng/ul

RT: 13.69 min Scan# 1836

Delta R.T. -0.12 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

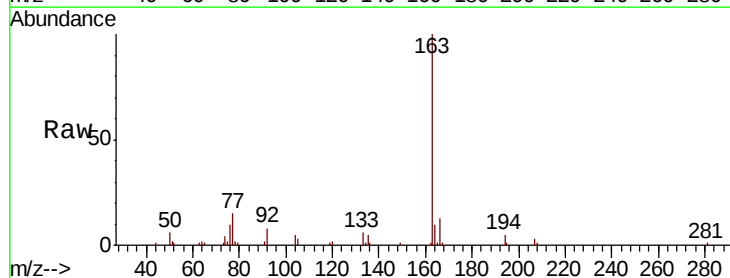
Tgt Ion:165 Resp: 363

Ion Ratio Lower Upper

165 100

89 0.0 40.2 60.2#

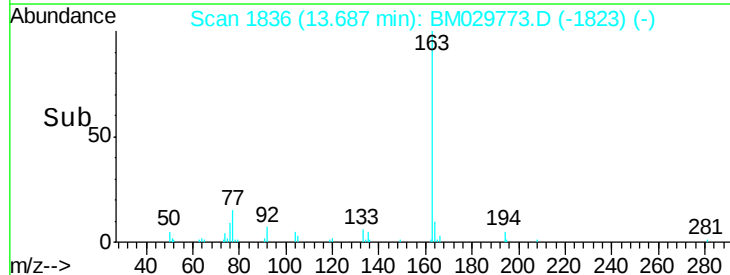
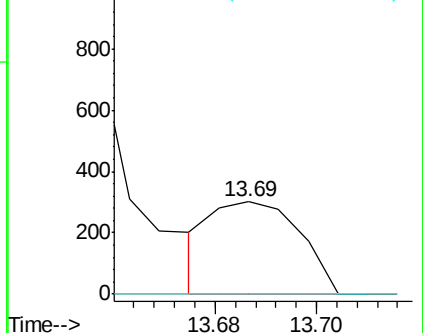
121 0.0 14.6 22.0#

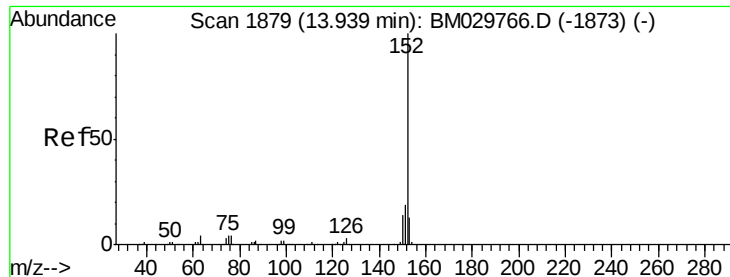


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 7.740 ng/ul

RT: 13.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

Instrument :

BNA_M

ClientSampleId :

E0AA4

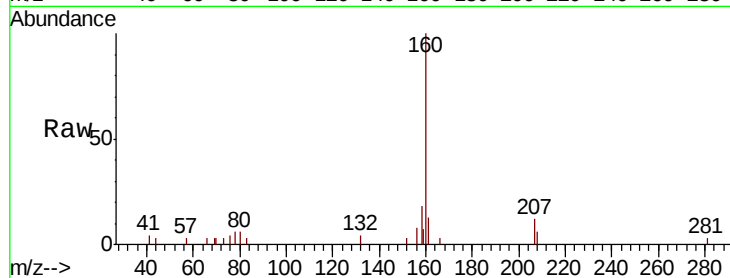
Tot Ion:152 Resp: 114

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

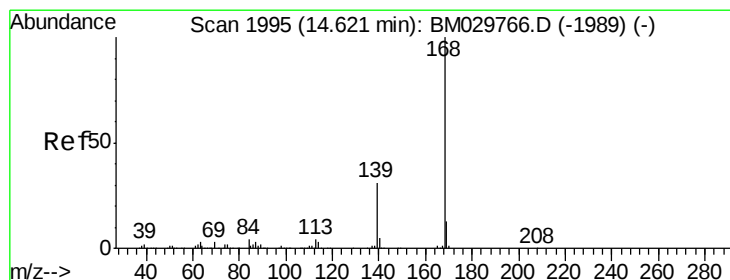
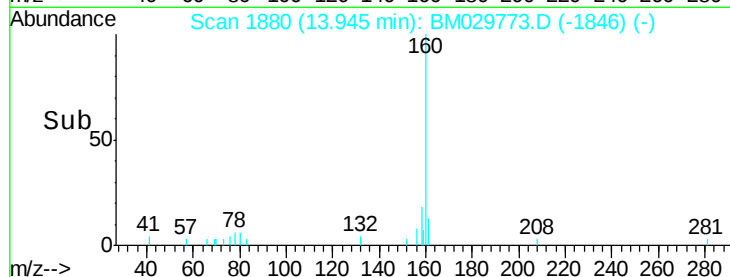
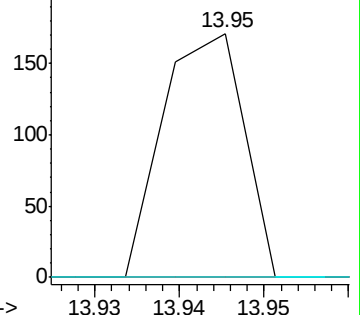
153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#56

Dibenzofuran

Concen: 23.256 ng/ul

RT: 14.63 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BM029773.D

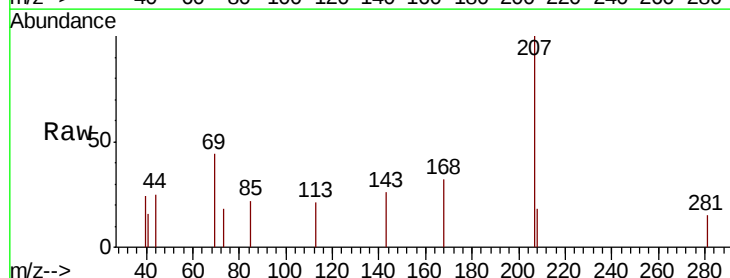
Acq: 02 May 2021 08:05

Tgt Ion:168 Resp: 355

Ion Ratio Lower Upper

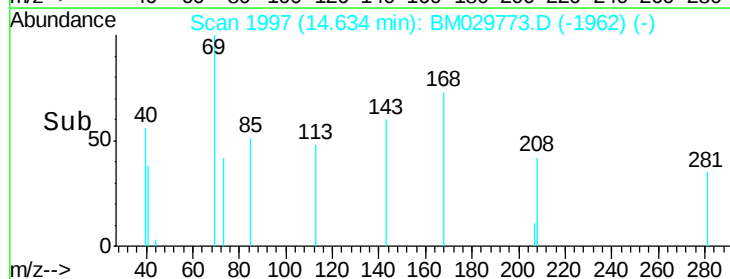
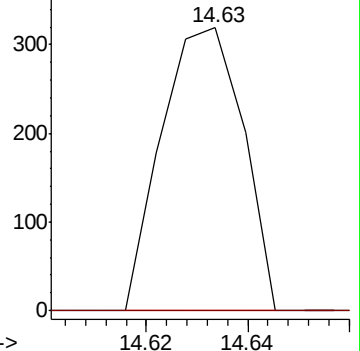
168 100

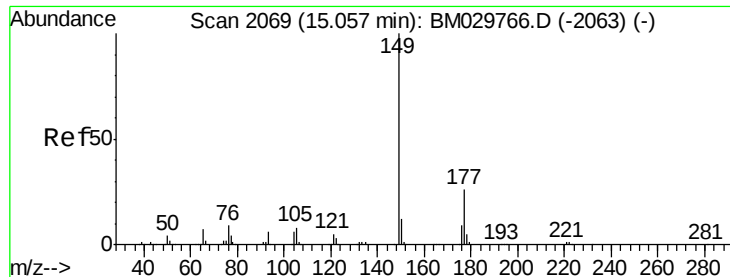
139 0.0 26.0 39.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

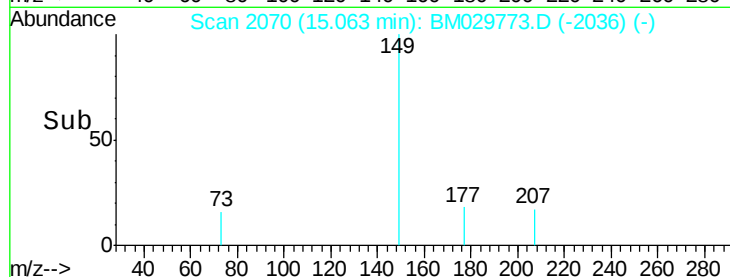
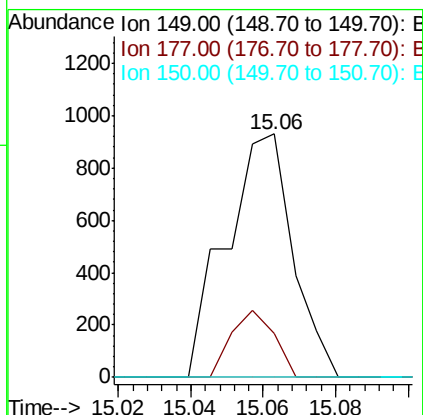
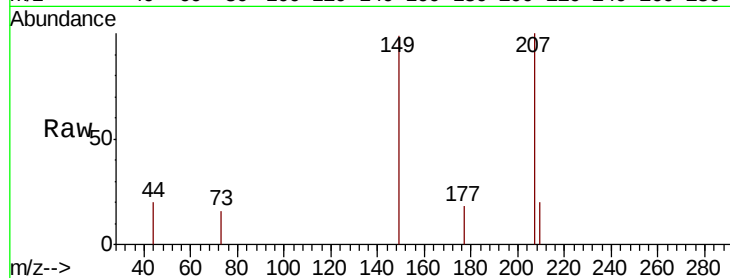




#59
Diethylphthalate
Concen: 100.806 ng/ul
RT: 15.06 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BM029773.D
Acq: 02 May 2021 08:05

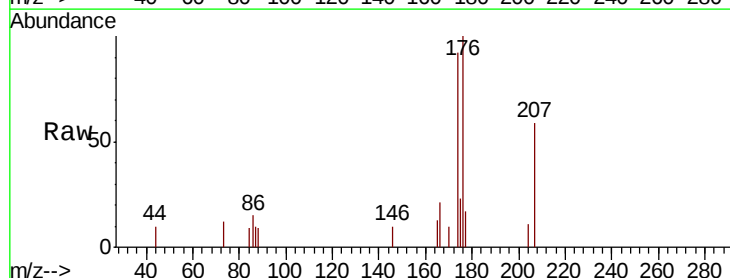
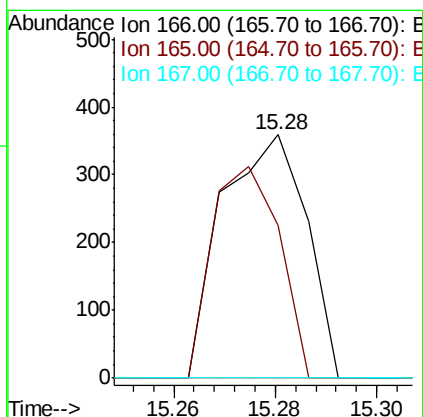
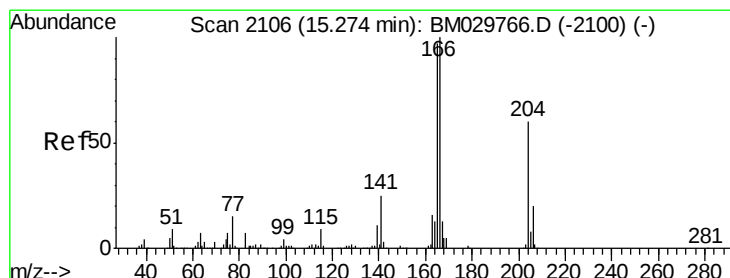
Instrument :
BNA_M
ClientSampleId :
E0AA4

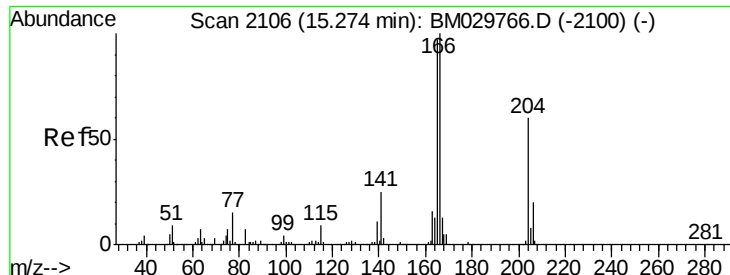
Tot Ion:149 Resp: 1191
Ion Ratio Lower Upper
149 100
177 17.9 19.8 29.8#
150 0.0 9.8 14.6#



#61
Fluorene
Concen: 32.356 ng/ul
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM029773.D
Acq: 02 May 2021 08:05

Tgt Ion:166 Resp: 412
Ion Ratio Lower Upper
166 100
165 62.7 77.3 115.9#
167 0.0 10.4 15.6#

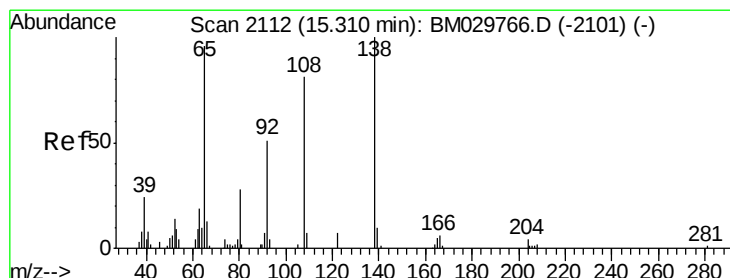
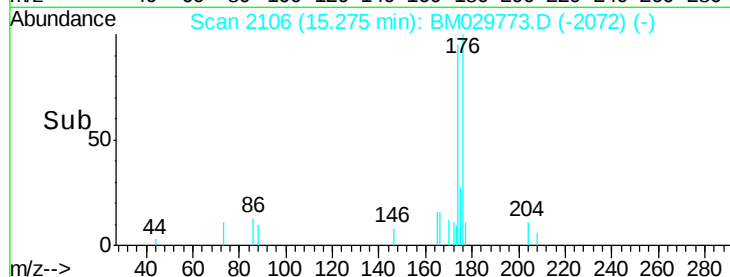
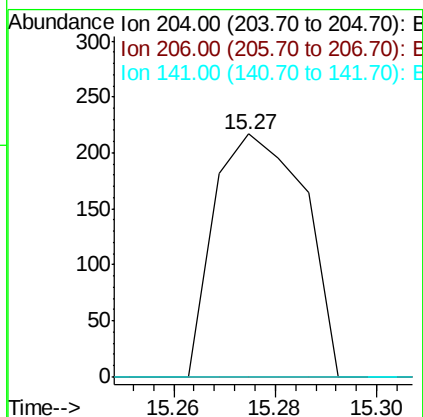
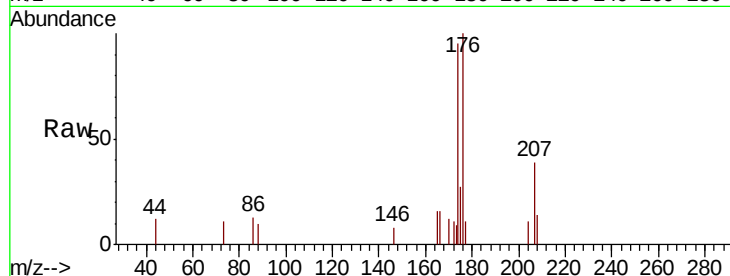




#62
4-Chlorophenyl-phenylether
Concen: 37.680 ng/ul
RT: 15.27 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM029773.D
Acq: 02 May 2021 08:05

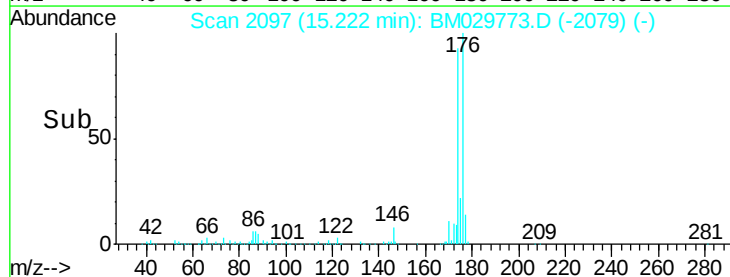
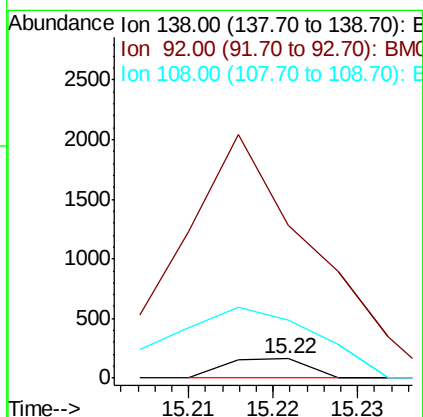
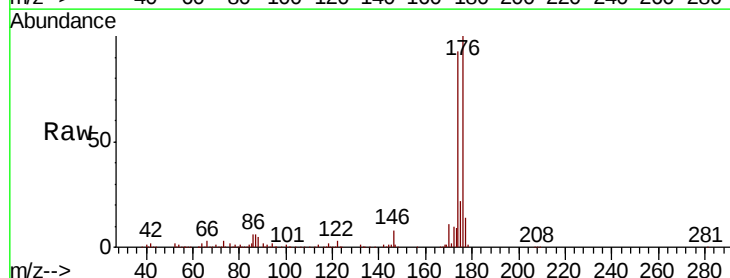
Instrument :
BNA_M
ClientSampleId :
E0AA4

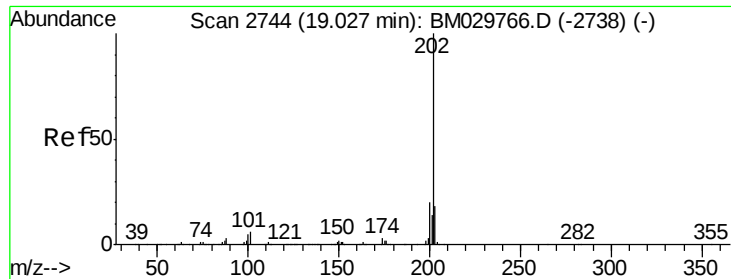
Tot Ion:204 Resp: 268
Ion Ratio Lower Upper
204 100
206 0.0 26.6 40.0#
141 0.0 37.2 55.8#



#63
4-Nitroaniline
Concen: 46.724 ng/ul
RT: 15.22 min Scan# 2097
Delta R.T. -0.09 min
Lab File: BM029773.D
Acq: 02 May 2021 08:05

Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
92 793.8 34.0 51.0#
108 300.6 56.8 85.2#





#80

Fluoranthene

Concen: 47.974 ng/ul

RT: 19.03 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

Instrument :

BNA_M

ClientSampleId :

E0AA4

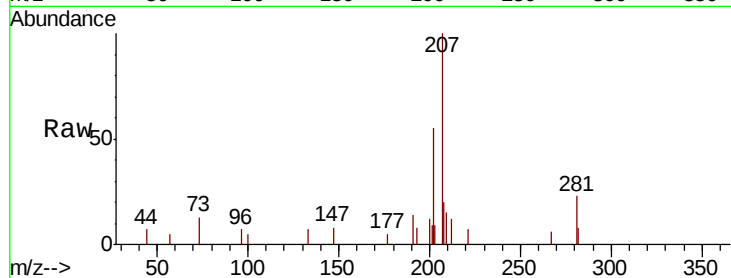
Tot Ion:202 Resp: 2553

Ion Ratio Lower Upper

202 100

101 0.0 5.6 8.4#

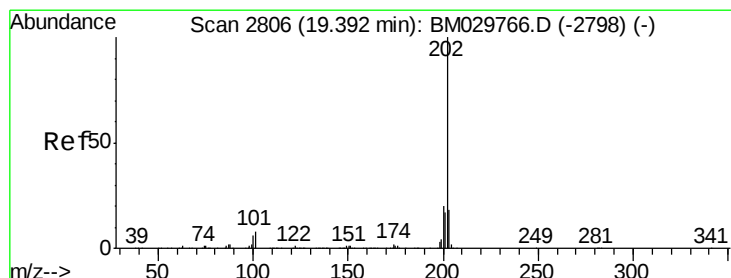
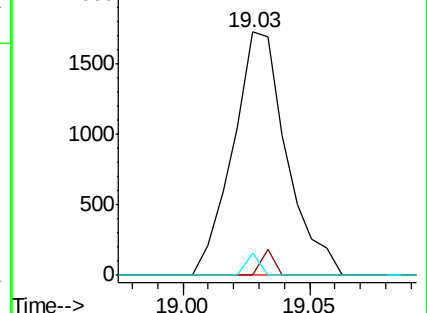
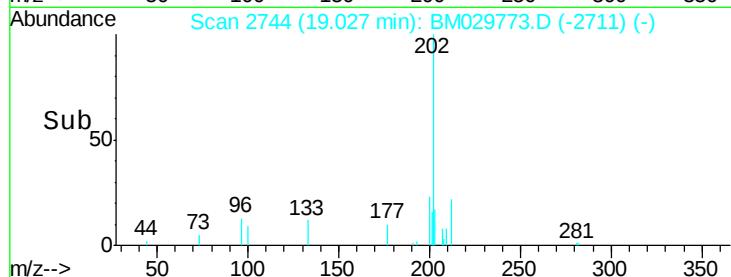
100 9.0 4.5 6.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 54.656 ng/ul

RT: 19.39 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

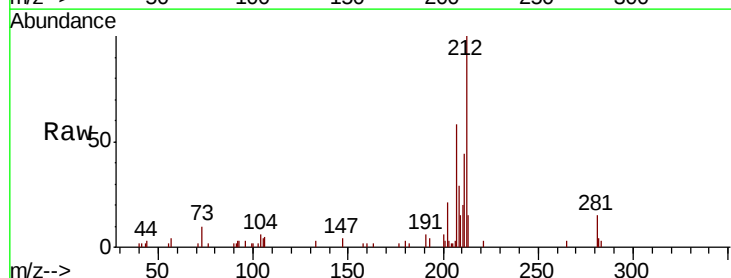
Tgt Ion:202 Resp: 3095

Ion Ratio Lower Upper

202 100

101 0.0 6.6 9.8#

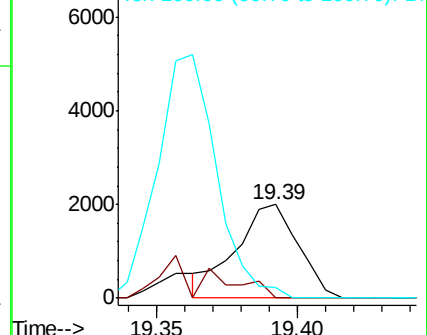
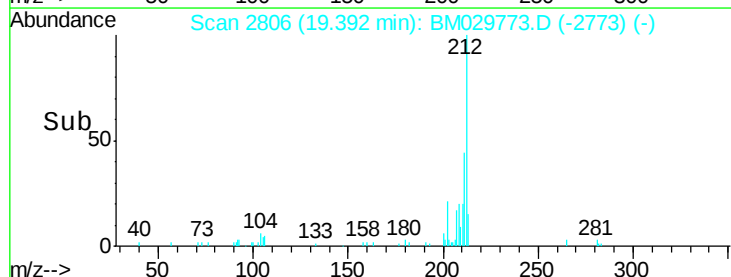
100 10.8 5.5 8.3#

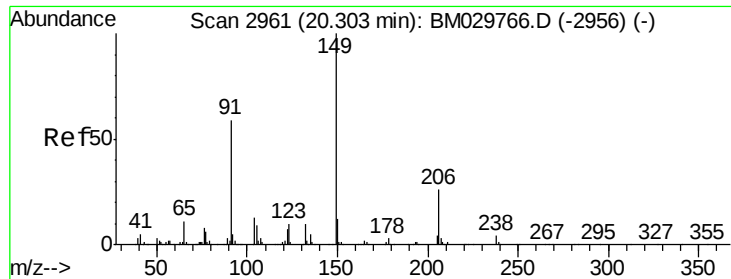


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

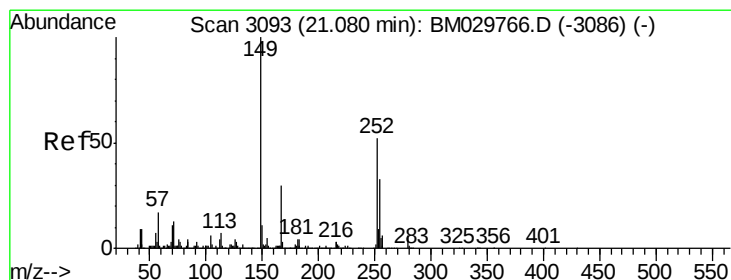
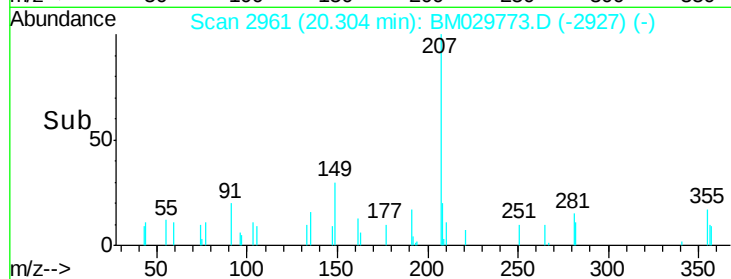
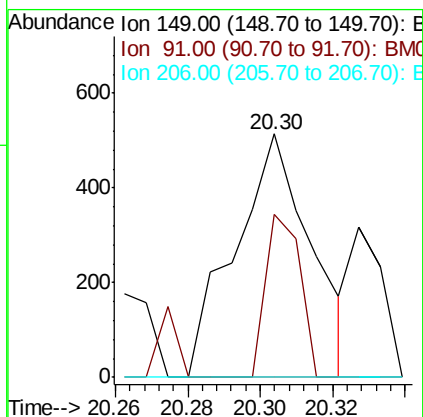
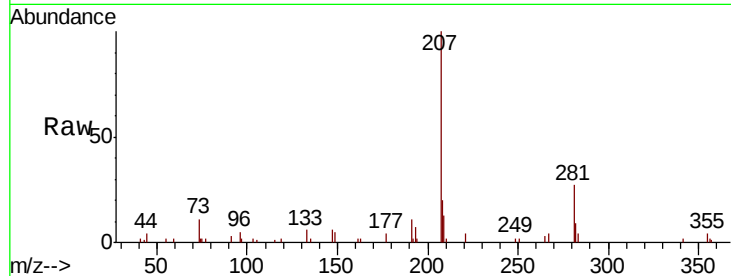




#83
 Butylbenzylphthalate
 Concen: 37.966 ng/ul
 RT: 20.30 min Scan# 2961
 Delta R.T. 0.00 min
 Lab File: BM029773.D
 Acq: 02 May 2021 08:05

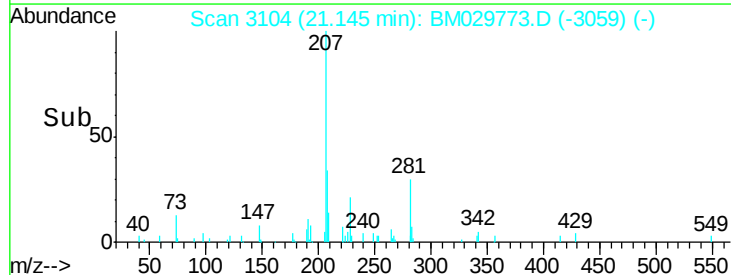
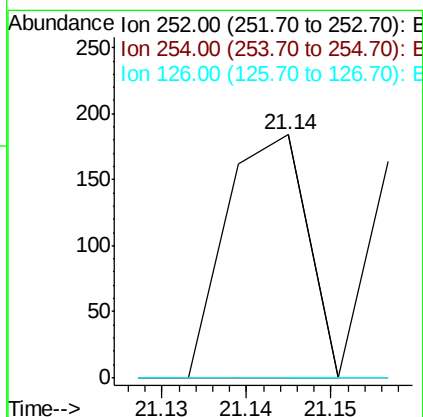
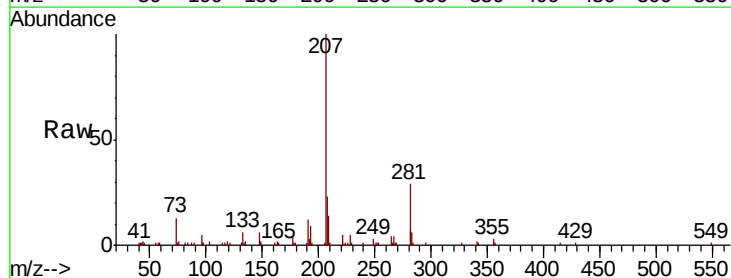
Instrument :
 BNA_M
 ClientSampleId :
 E0AA4

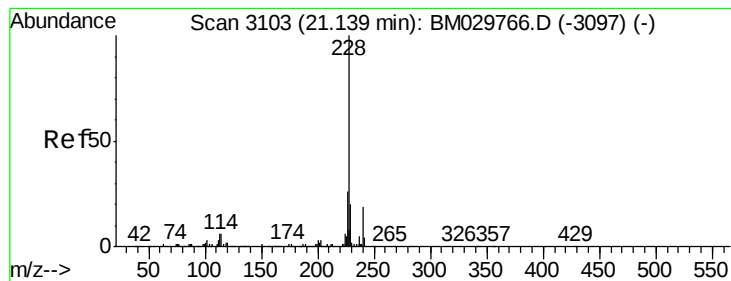
Tot Ion:149 Resp: 746
 Ion Ratio Lower Upper
 149 100
 91 66.9 49.4 74.0
 206 0.0 19.9 29.9#



#84
 3,3'-Dichlorobenzidine
 Concen: 5.365 ng/ul
 RT: 21.14 min Scan# 3104
 Delta R.T. 0.07 min
 Lab File: BM029773.D
 Acq: 02 May 2021 08:05

Tgt Ion:252 Resp: 122
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.0 76.6#
 126 0.0 5.7 8.5#





#85

Benzo(a)anthracene

Concen: 27.718 ng/ul

RT: 21.14 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

Instrument :

BNA_M

ClientSampled :

E0AA4

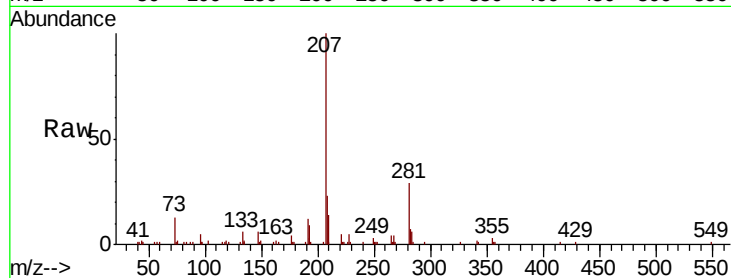
Tot Ion:228 Resp: 1607

Ion Ratio Lower Upper

228 100

229 13.8 15.6 23.4#

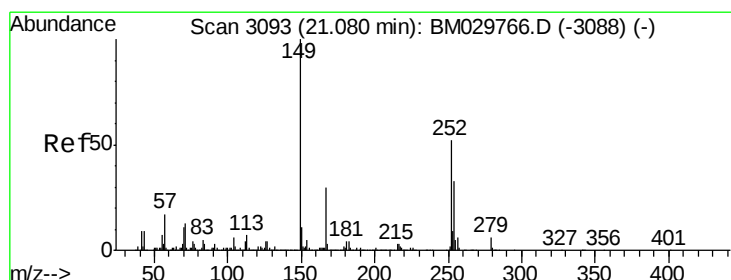
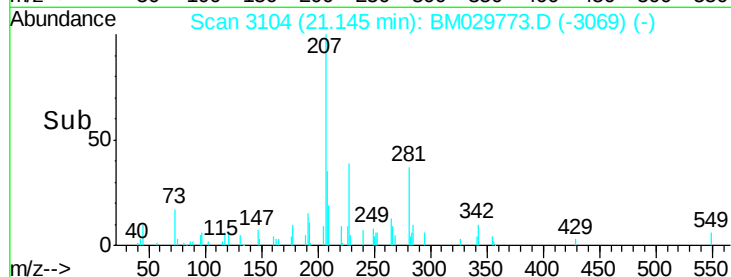
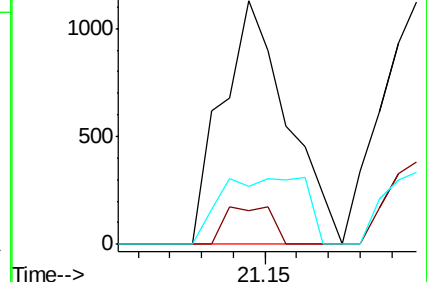
226 23.8 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 46.000 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

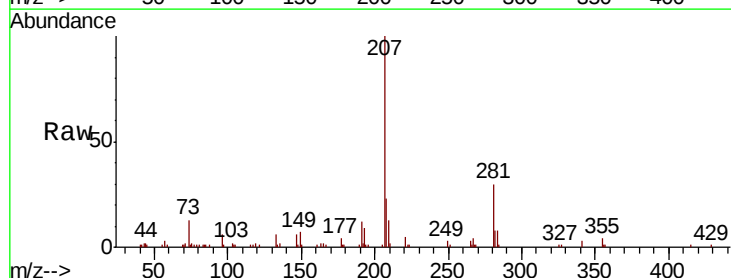
Tgt Ion:149 Resp: 1387

Ion Ratio Lower Upper

149 100

167 18.0 23.3 34.9#

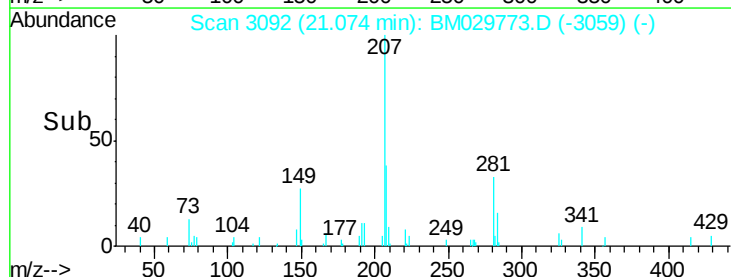
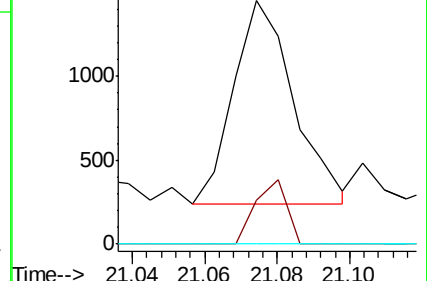
279 0.0 4.6 6.8#

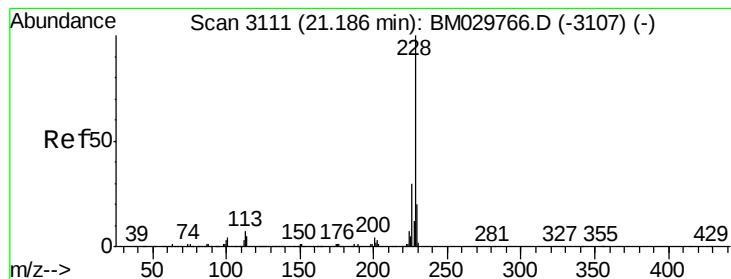


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 32.018 ng/ul

RT: 21.20 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BM029773.D

Acq: 02 May 2021 08:05

Instrument :

BNA_M

ClientSampleId :

E0AA4

Tot Ion:228 Resp: 1855

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 34.0 15.6 23.4#

