

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026368.D
 Acq On : 12 Jun 2020 01:49
 Operator : JU/CG
 Sample : L2965-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OFFICE-SLAB-2

Quant Time: Jun 12 04:39:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

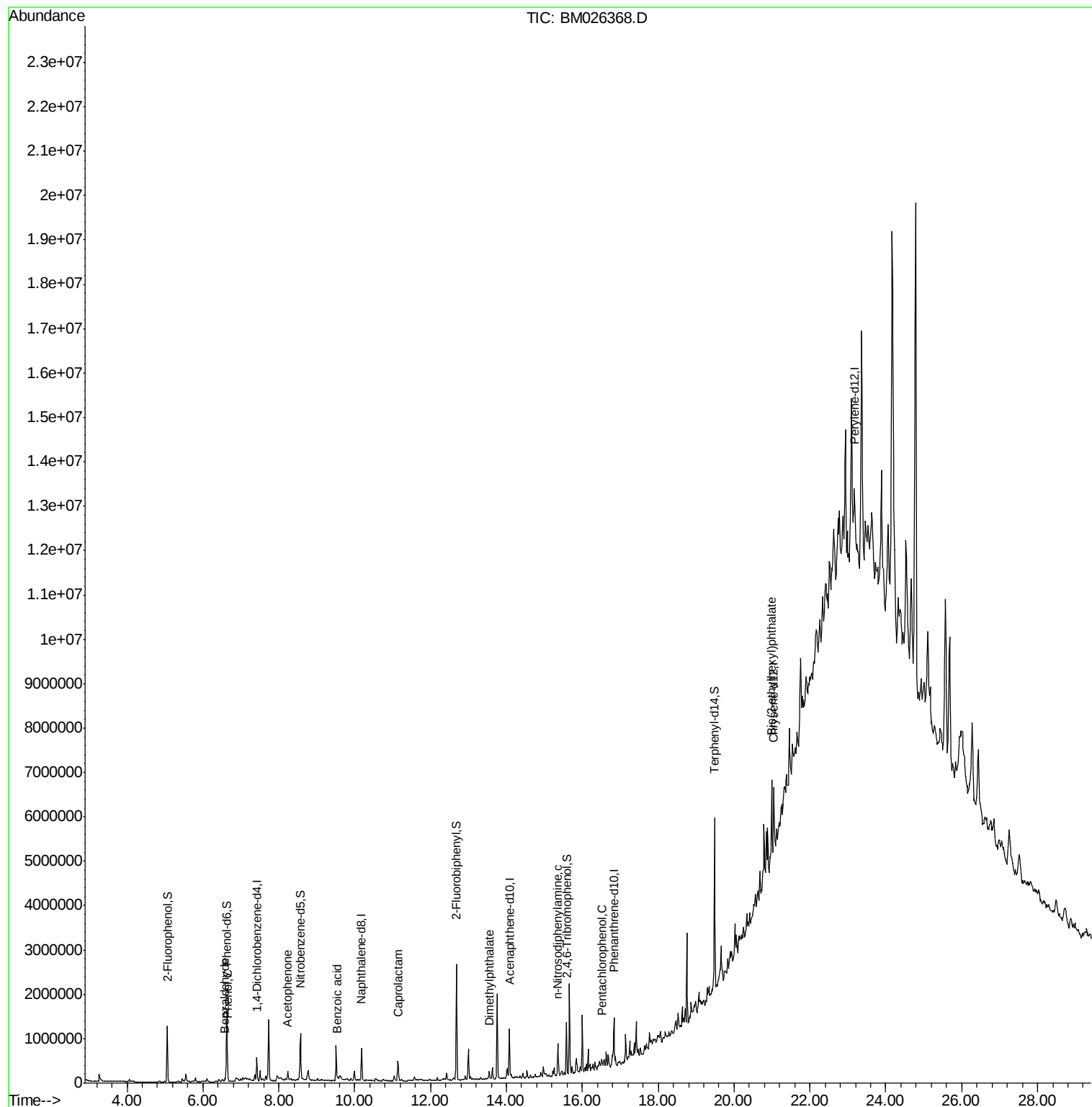
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	129814	20.00	ng	0.00
21) Naphthalene-d8	10.18	136	520023	20.00	ng	0.00
39) Acenaphthene-d10	14.07	164	295076	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	576969	20.00	ng	0.00
76) Chrysene-d12	21.04	240	597693	20.00	ng	0.00
86) Perylene-d12	23.18	264	677022	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	496032	67.56	ng	0.00
7) Phenol-d6	6.63	99	814059	76.57	ng	0.00
23) Nitrobenzene-d5	8.57	82	567363	53.57	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	195986	54.83	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1185517	60.99	ng	0.00
79) Terphenyl-d14	19.49	244	1661117	53.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	31452	4.639	ng	91
10) Phenol	6.65	94	54669	4.828	ng	93
22) Acetophenone	8.24	105	108786	8.136	ng	# 95
32) Benzoic acid	9.55	122	39270	11.455	ng	98
35) Caprolactam	11.14	113	83009	31.088	ng	95
50) Dimethylphthalate	13.55	163	97952	4.538	ng	100
66) n-Nitrosodiphenylamine	15.36	169	232215	13.893	ng	98
70) Pentachlorophenol	16.50	266	15108	3.785	ng	98
84) Bis(2-ethylhexyl)phthalate	20.99	149	588747	25.855	ng	# 96

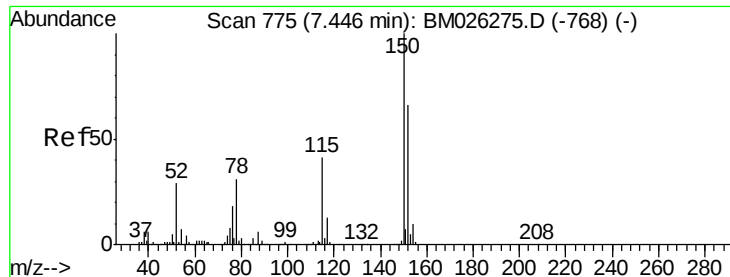
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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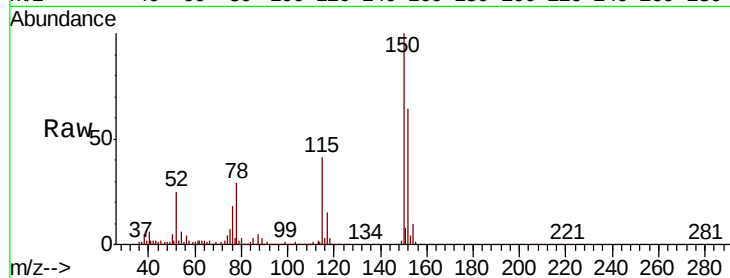


#1

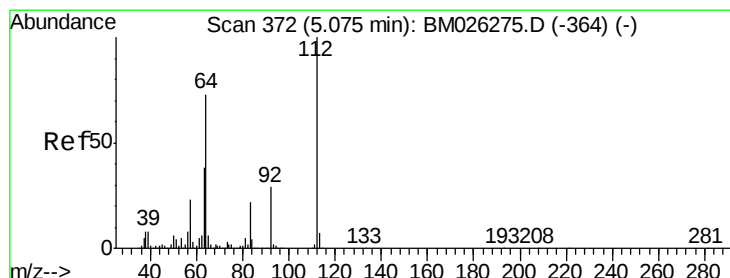
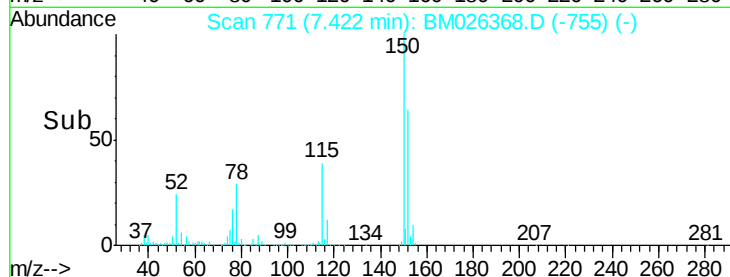
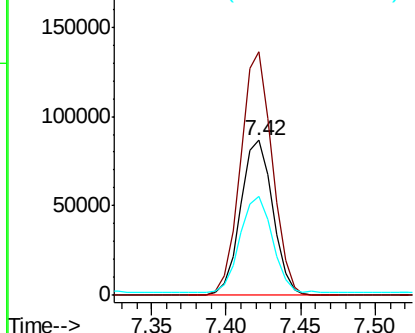
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Instrument :
BNA_M
ClientSampleId :
OFFICE-SLAB-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.1	183.1
115	64.2	49.7	74.5



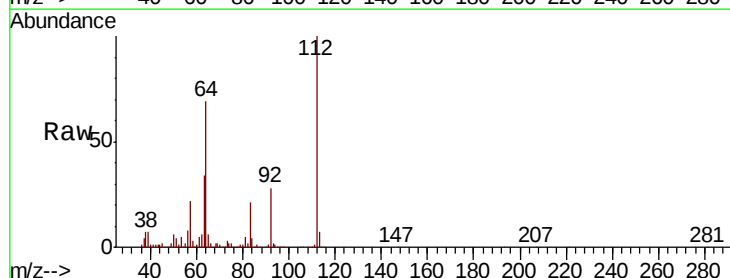
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



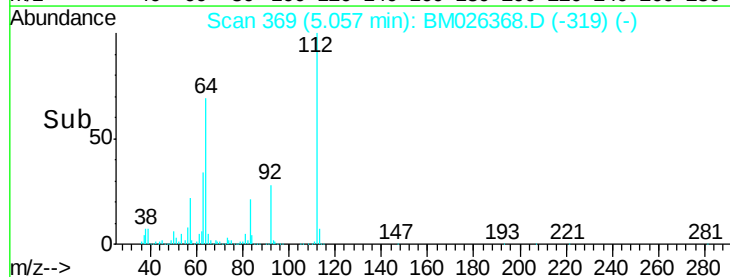
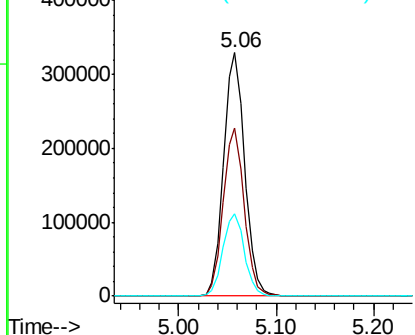
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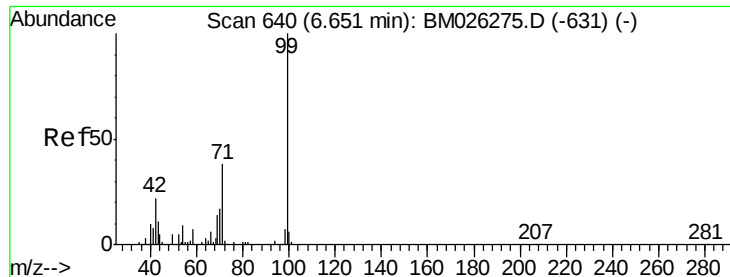
2-Fluorophenol
Concen: 67.558 ng
RT: 5.06 min Scan# 369
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	58.1	87.1
63	33.9	30.6	45.8



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: 76.567 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM026368.D

Acq: 12 Jun 2020 01:49

Instrument :

BNA_M

ClientSampleId :

OFFICE-SLAB-2

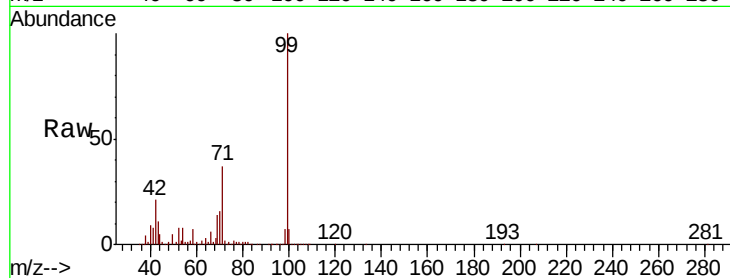
Tot Ion: 99 Resp: 814059

Ion Ratio Lower Upper

99 100

42 21.0 18.0 27.0

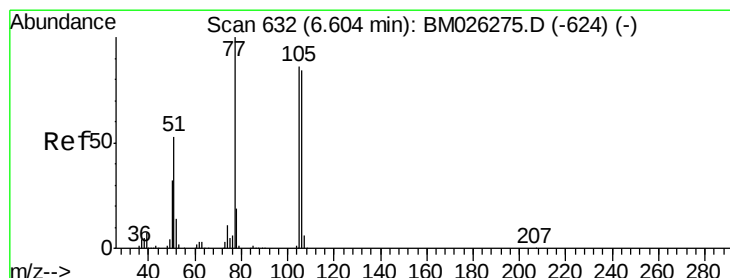
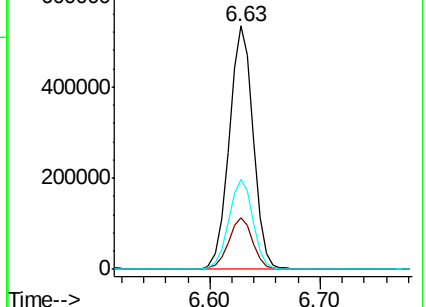
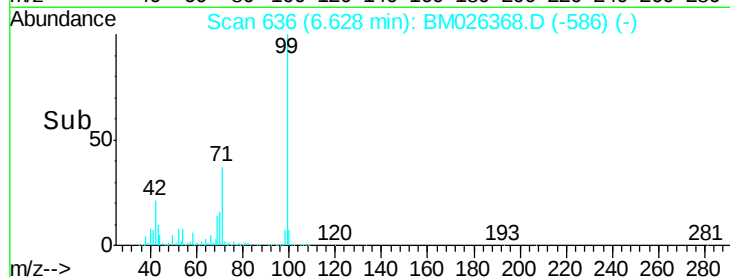
71 36.9 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026368.D (-586) (-)

Ion 42.00 (41.70 to 42.70): BM026368.D (-586) (-)

Ion 71.00 (70.70 to 71.70): BM026368.D (-586) (-)



#9

Benzaldehyde

Concen: 4.639 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM026368.D

Acq: 12 Jun 2020 01:49

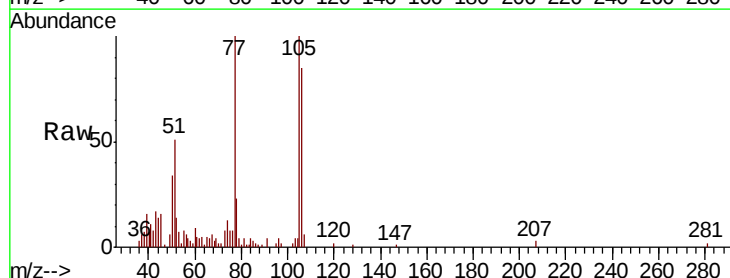
Tgt Ion: 77 Resp: 31452

Ion Ratio Lower Upper

77 100

105 100.1 66.3 106.3

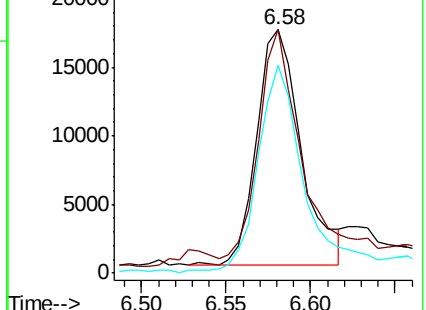
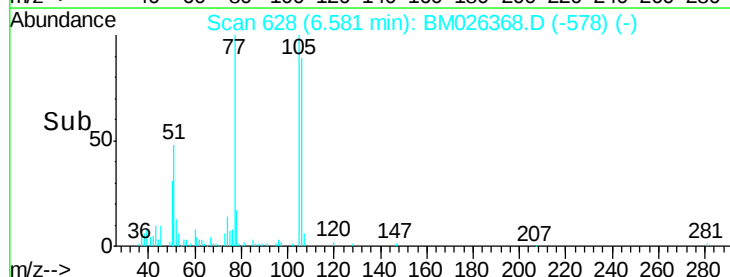
106 85.5 63.8 103.8

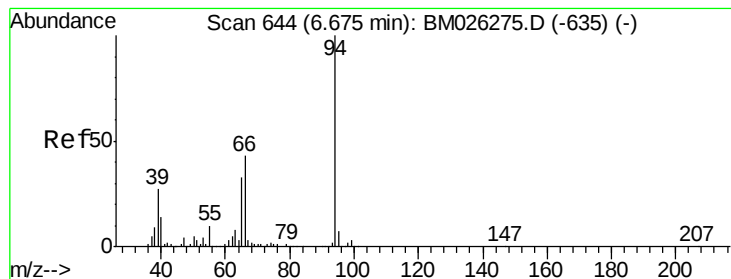


Abundance Ion 77.00 (76.70 to 77.70): BM026368.D (-578) (-)

Ion 105.00 (104.70 to 105.70): BM026368.D (-578) (-)

Ion 106.00 (105.70 to 106.70): BM026368.D (-578) (-)





#10

Phenol

Concen: 4.828 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM026368.D

Acq: 12 Jun 2020 01:49

Instrument :

BNA_M

ClientSampleId :

OFFICE-SLAB-2

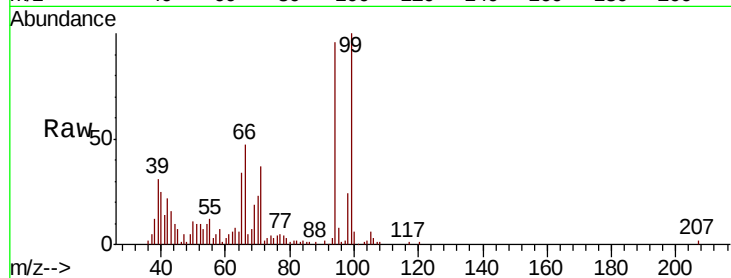
Tot Ion: 94 Resp: 54669

Ion Ratio Lower Upper

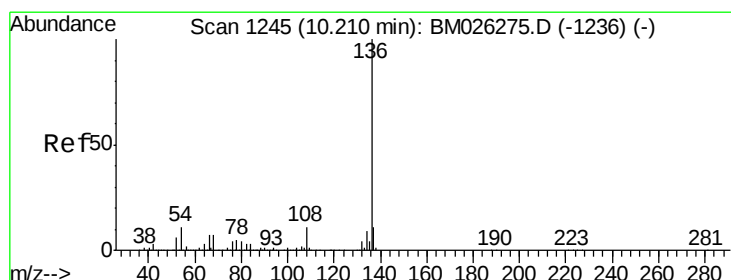
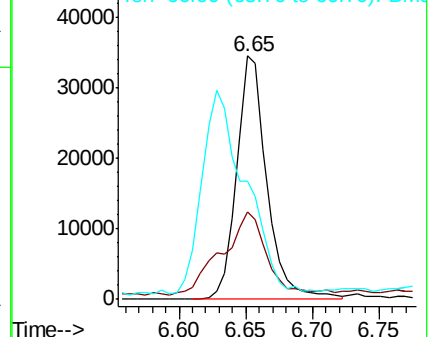
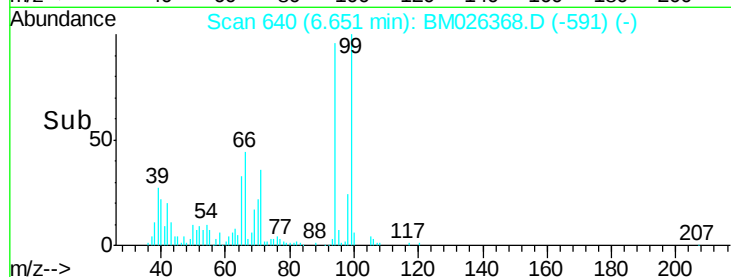
94 100

65 35.8 12.8 52.8

66 48.6 23.6 63.6



Abundance Ion 94.00 (93.70 to 94.70): BM026368.D (-591) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM026368.D

Acq: 12 Jun 2020 01:49

Tgt Ion: 136 Resp: 520023

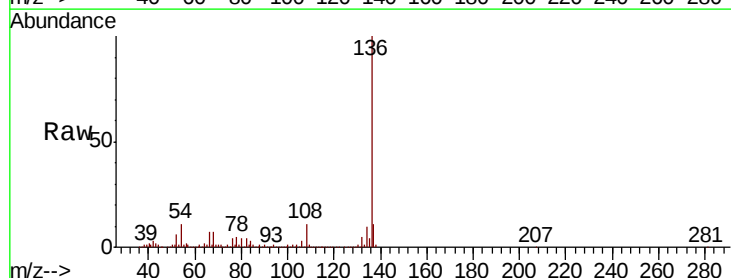
Ion Ratio Lower Upper

136 100

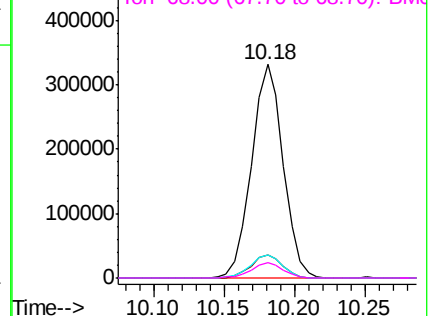
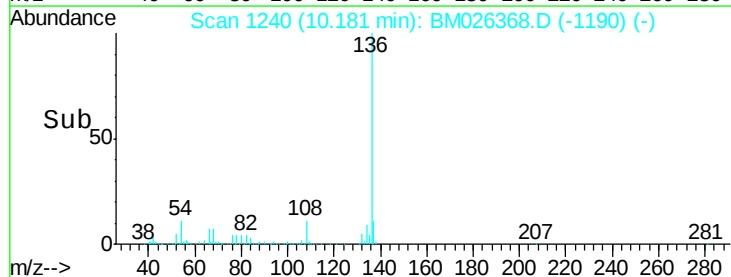
137 11.0 8.6 13.0

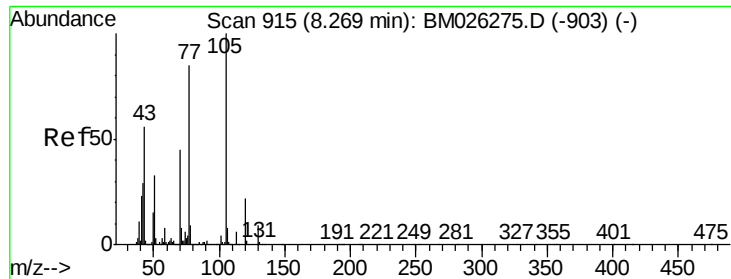
54 10.8 9.0 13.4

68 7.2 5.6 8.4



Abundance Ion 136.00 (135.70 to 136.70): BM026368.D (-1190) (-)

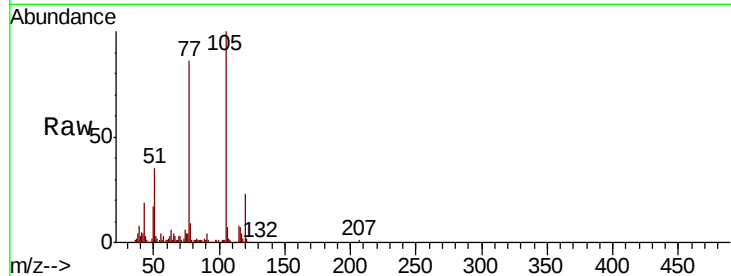




#22
Acetophenone
Concen: 8.136 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Instrument :
BNA_M
ClientSampleId :
OFFICE-SLAB-2

Tot Ion	Ratio	Lower	Upper
105	100		
71	1.2	6.1	9.1#
51	34.7	26.2	39.2
120	23.0	17.5	26.3

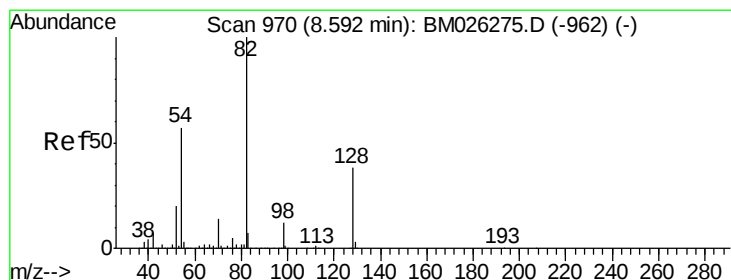
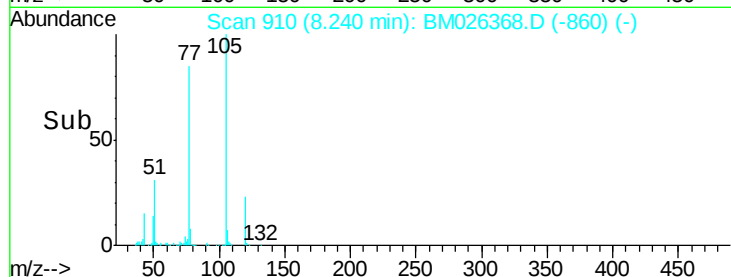
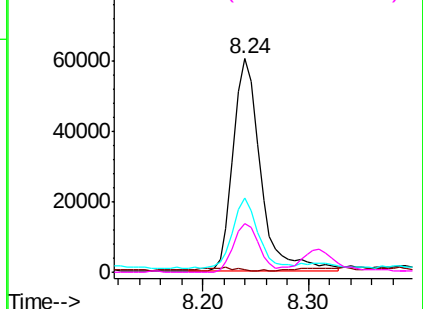


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

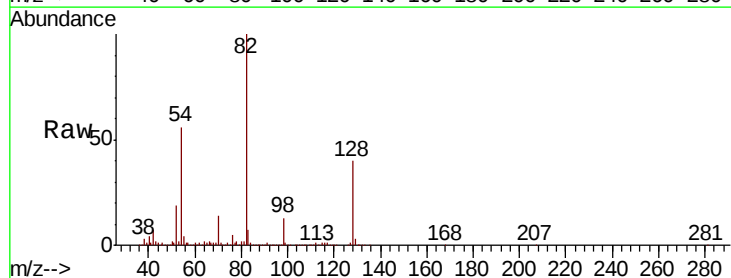
Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 53.570 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

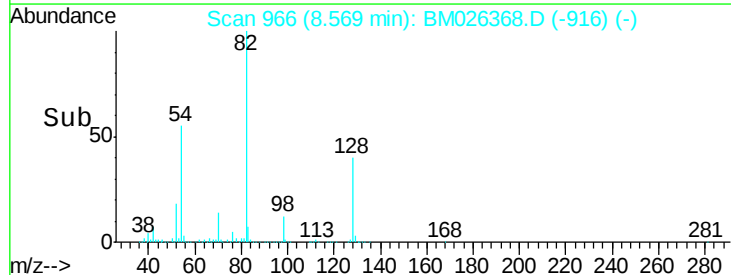
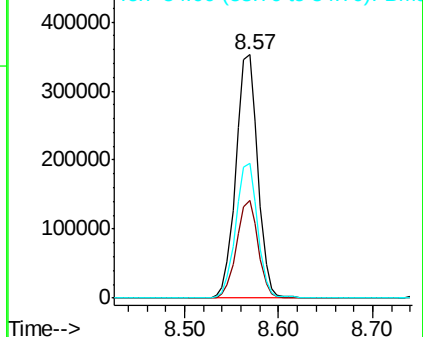
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.3	45.5
54	55.5	45.4	68.2

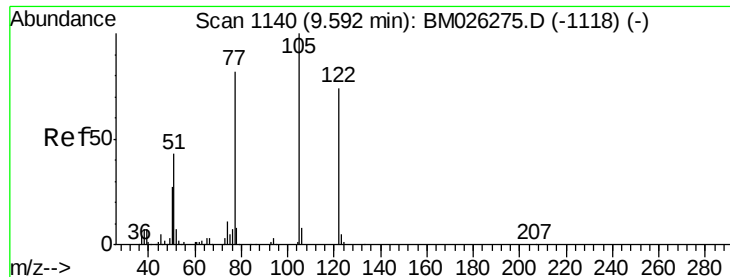


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

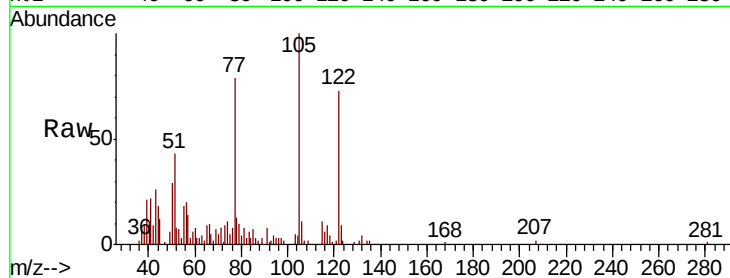




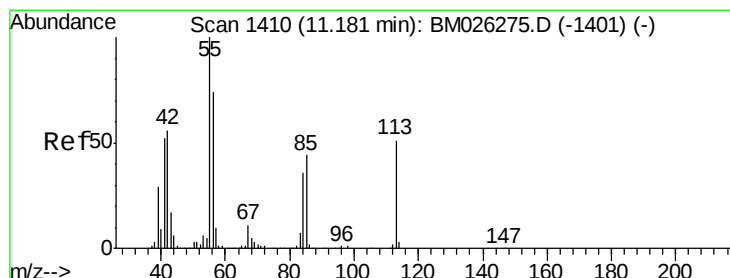
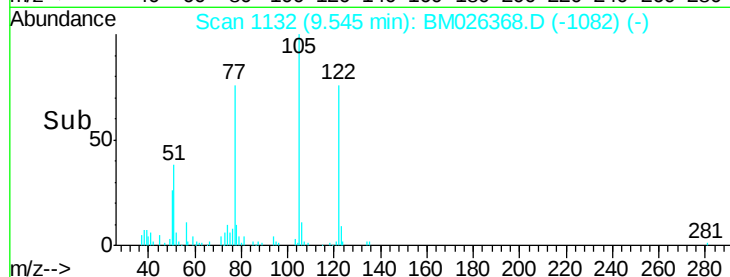
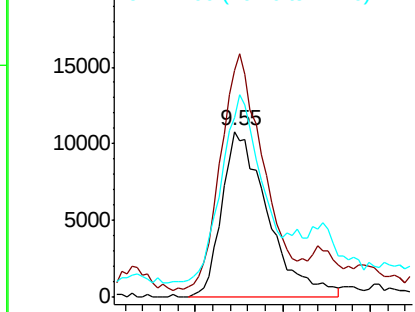
#32
Benzoic acid
Concen: 11.455 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Instrument :
BNA_M
ClientSampleId :
OFFICE-SLAB-2

Tot Ion:122 Resp: 39270
Ion Ratio Lower Upper
122 100
105 136.4 112.4 152.4
77 108.4 89.8 129.8

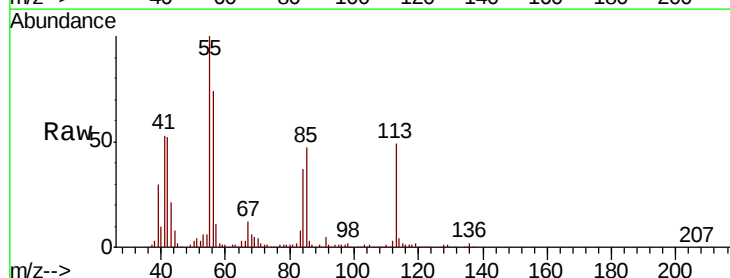


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0

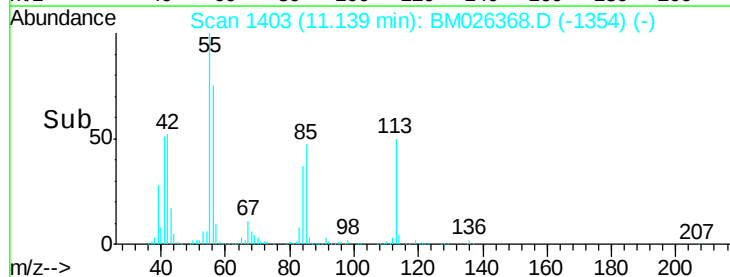
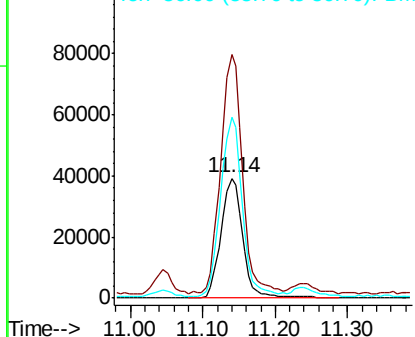


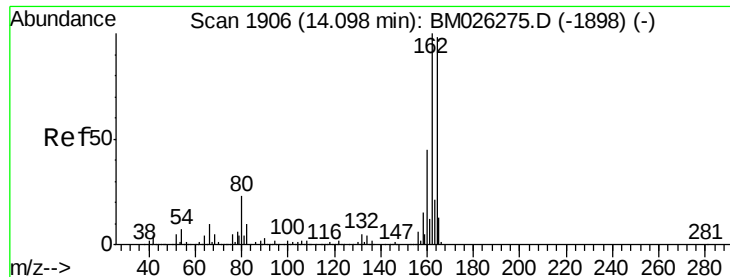
#35
Caprolactam
Concen: 31.088 ng
RT: 11.14 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Tgt Ion:113 Resp: 83009
Ion Ratio Lower Upper
113 100
55 203.0 176.8 216.8
56 151.2 124.8 164.8



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

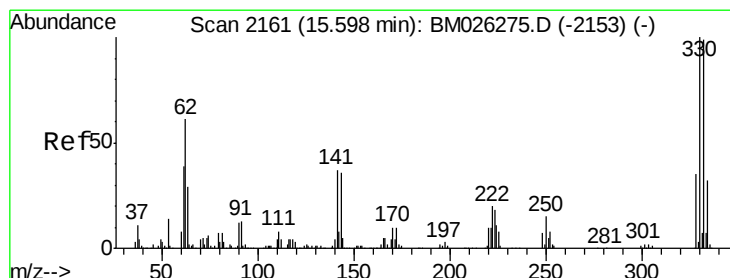
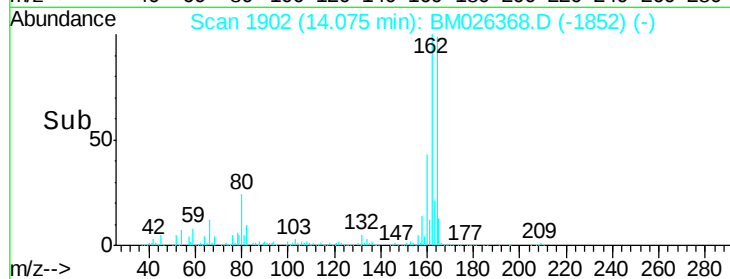
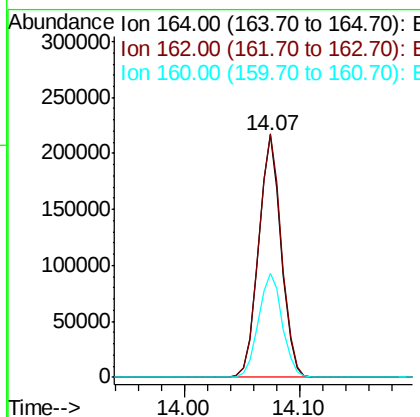
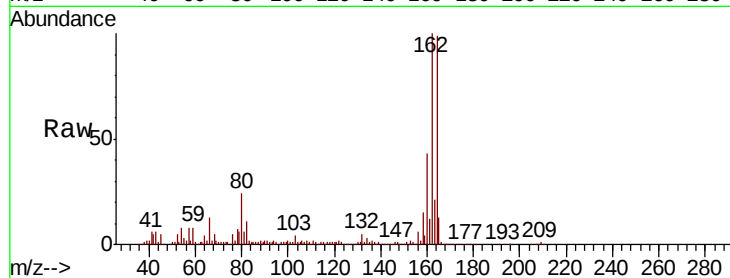




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

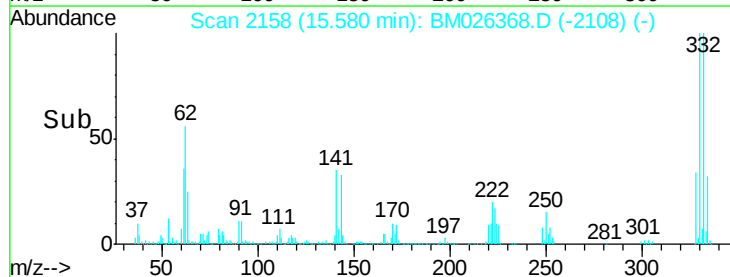
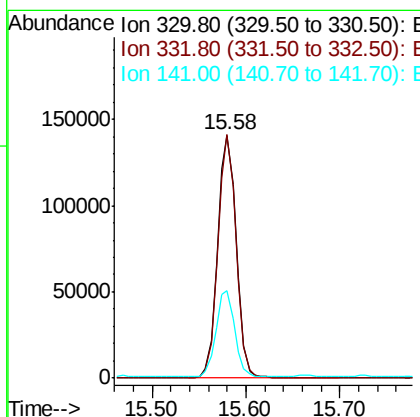
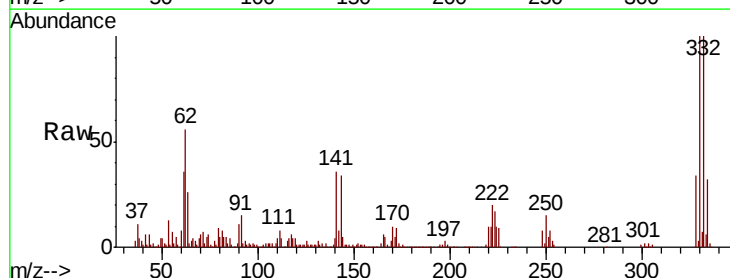
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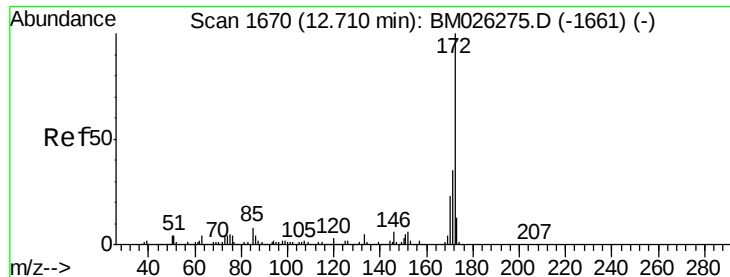
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.2
160	43.0	36.4	54.6



#42
2,4,6-Tribromophenol
Concen: 54.830 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	35.3	30.0	45.0

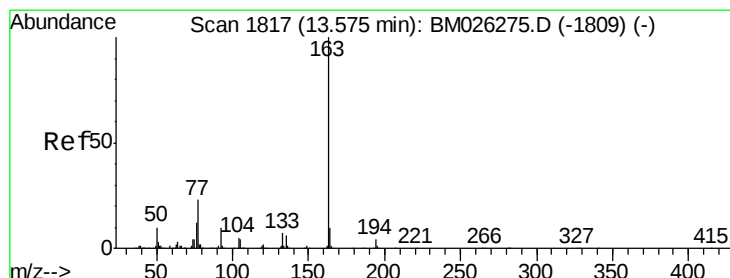
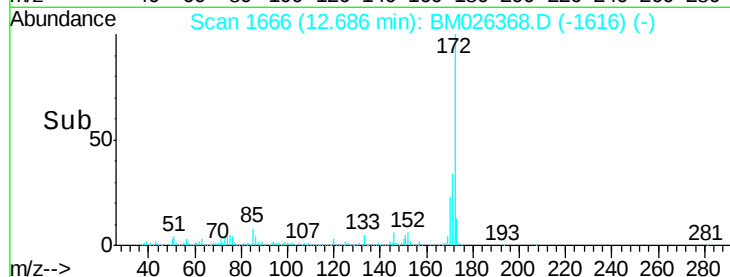
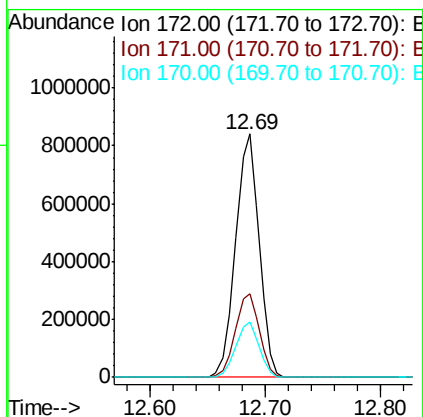
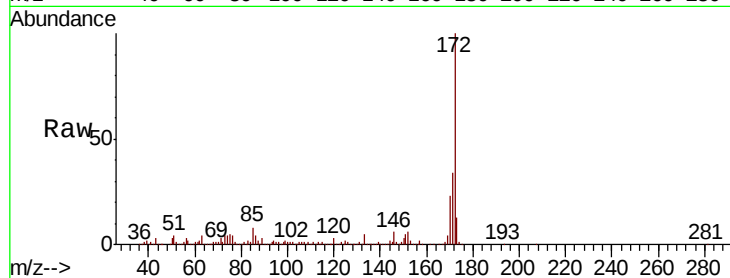




#45
2-Fluorobiphenyl
Concen: 60.987 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

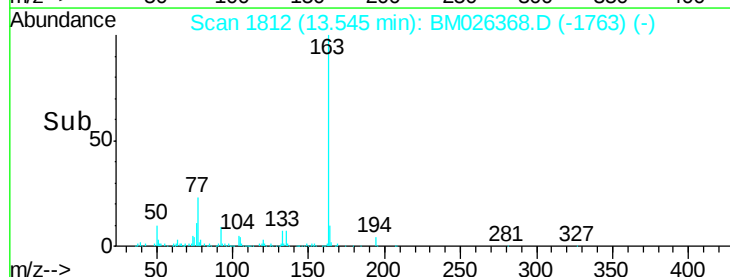
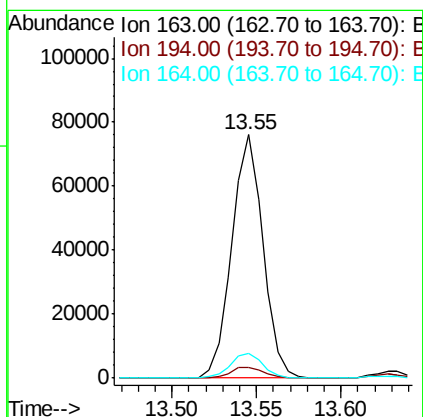
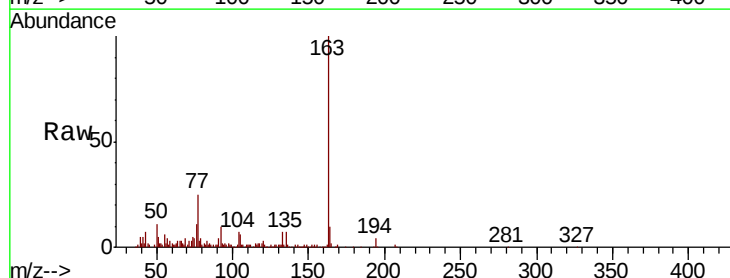
Instrument :
BNA_M
ClientSampleId :
OFFICE-SLAB-2

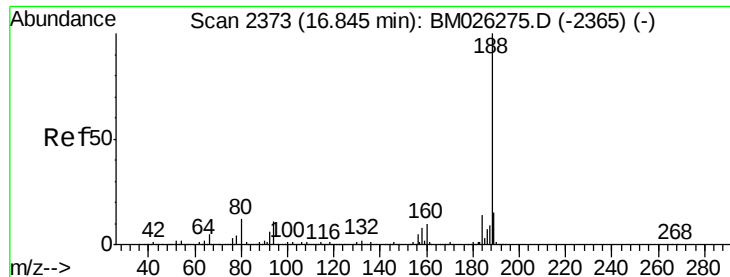
Tot Ion:172 Resp: 1185517
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 22.8 18.3 27.5



#50
Dimethylphthalate
Concen: 4.538 ng
RT: 13.55 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Tgt Ion:163 Resp: 97952
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.0 12.0

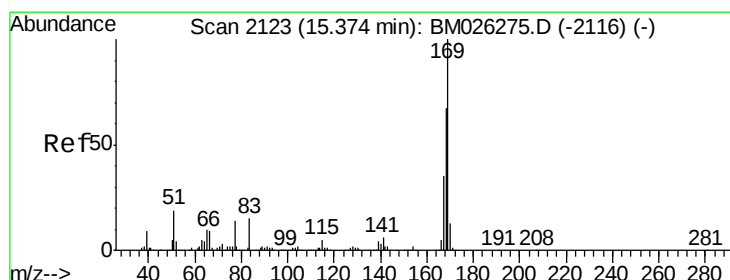
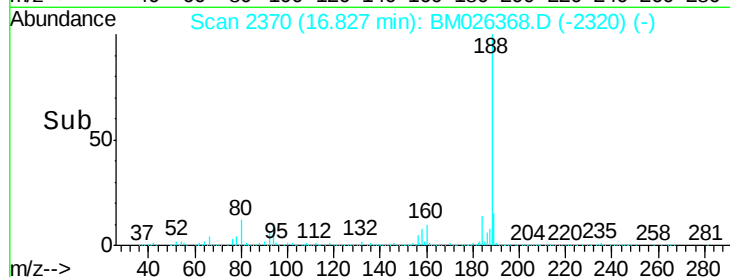
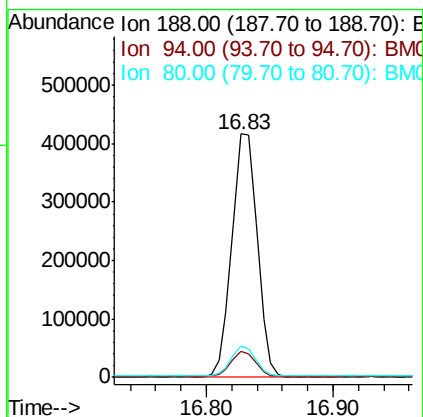
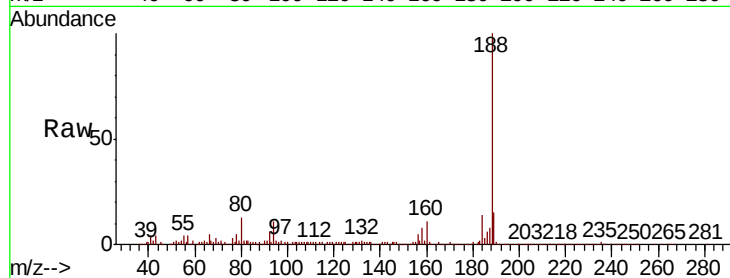




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

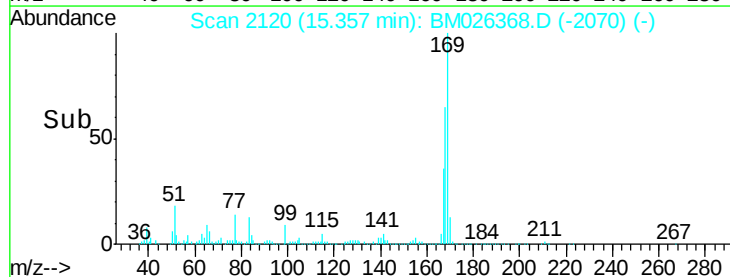
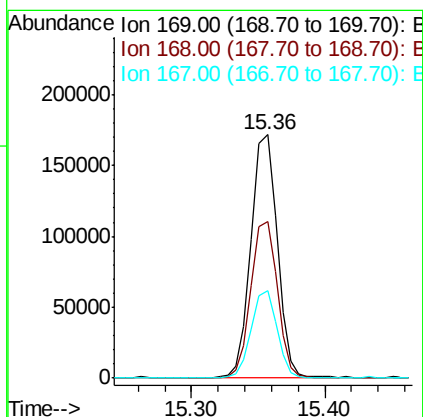
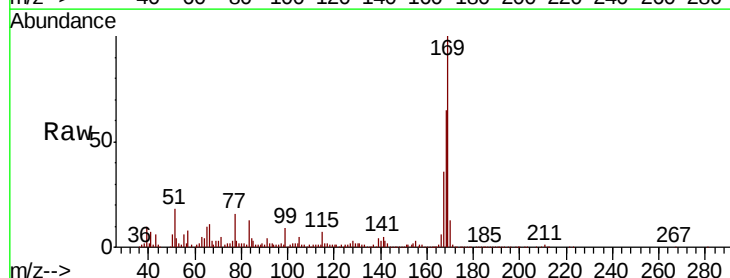
Instrument :
BNA_M
ClientSampleId :
OFFICE-SLAB-2

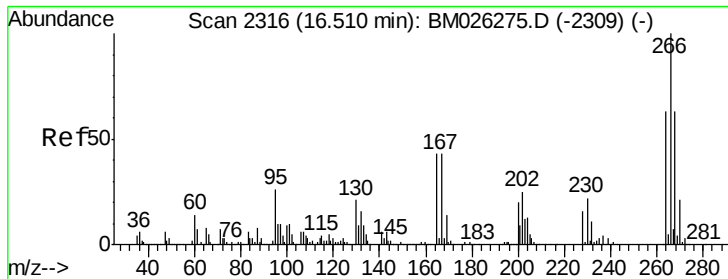
Tot Ion:188 Resp: 576969
Ion Ratio Lower Upper
188 100
94 10.8 8.6 12.8
80 12.8 9.7 14.5



#66
n-Nitrosodiphenylamine
Concen: 13.893 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM026368.D
Acq: 12 Jun 2020 01:49

Tgt Ion:169 Resp: 232215
Ion Ratio Lower Upper
169 100
168 64.6 53.4 80.2
167 35.8 28.3 42.5

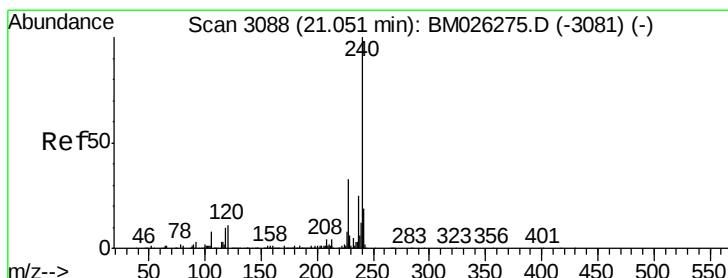
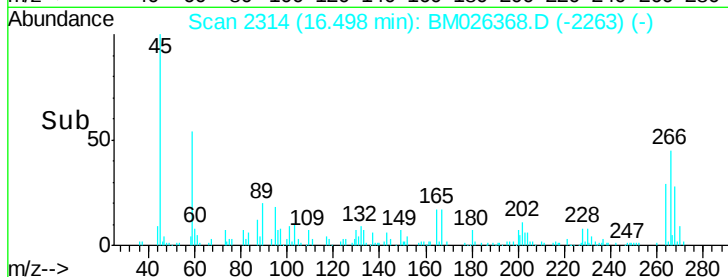
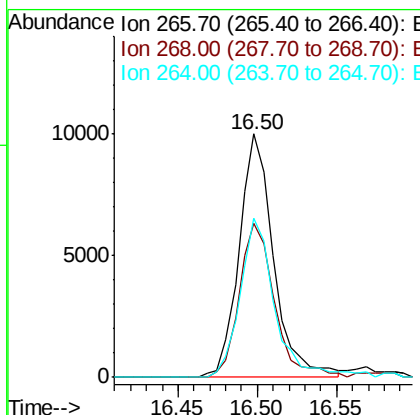
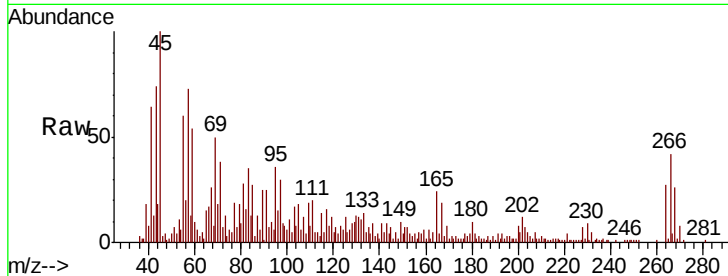




#70
 Pentachlorophenol
 Concen: 3.785 ng
 RT: 16.50 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BM026368.D
 Acq: 12 Jun 2020 01:49

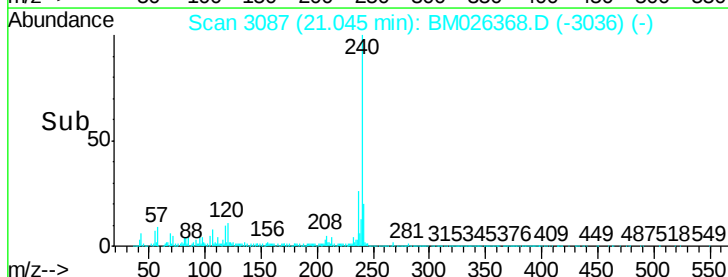
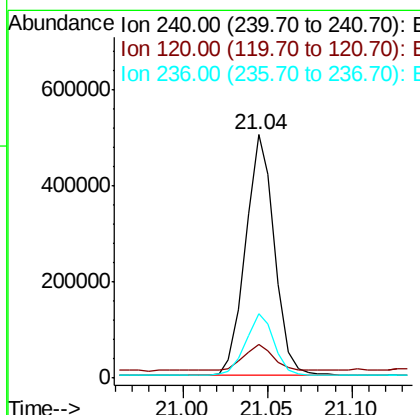
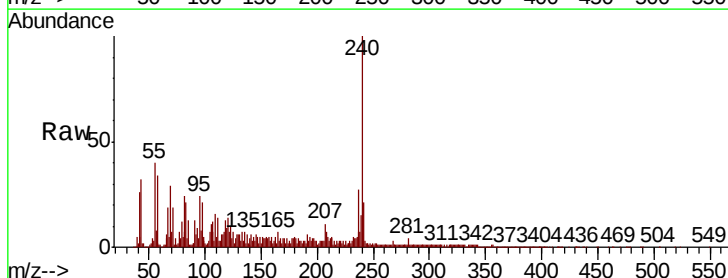
Instrument :
 BNA_M
 ClientSampleId :
 OFFICE-SLAB-2

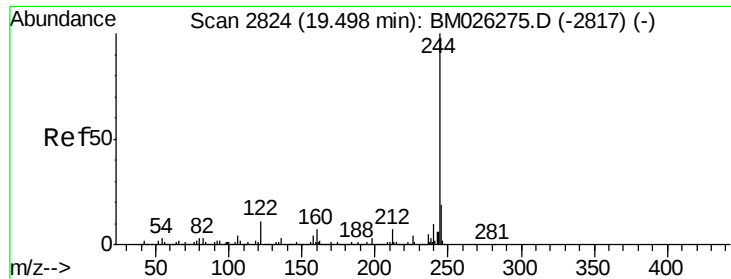
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.5	75.7
264	65.2	50.2	75.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM026368.D
 Acq: 12 Jun 2020 01:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.9	13.3#
236	26.5	19.7	29.5





#79

Terphenyl-d14

Concen: 53.949 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM026368.D

Acq: 12 Jun 2020 01:49

Instrument :

BNA_M

ClientSampleId :

OFFICE-SLAB-2

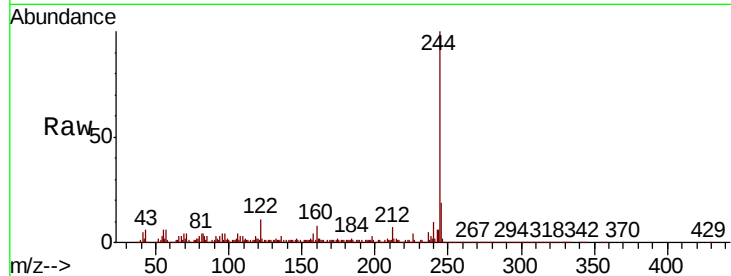
Tot Ion:244 Resp: 1661117

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

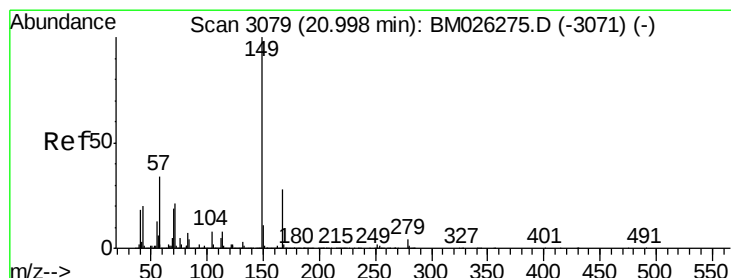
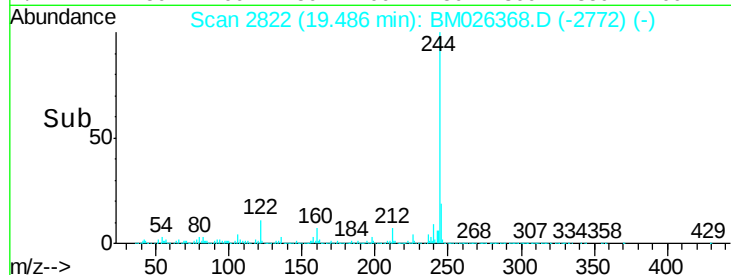
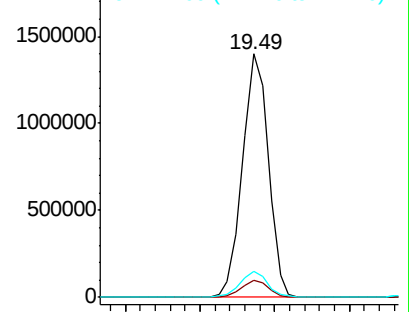
122 10.9 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.855 ng

RT: 20.99 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM026368.D

Acq: 12 Jun 2020 01:49

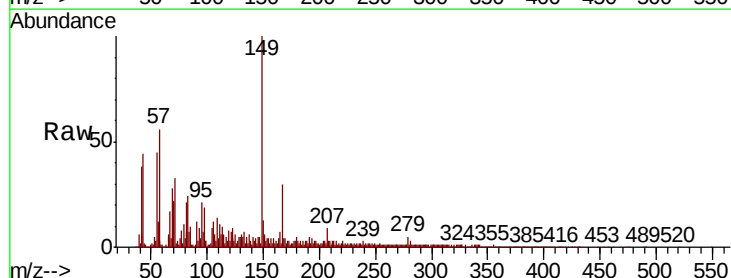
Tgt Ion:149 Resp: 588747

Ion Ratio Lower Upper

149 100

167 30.2 22.2 33.4

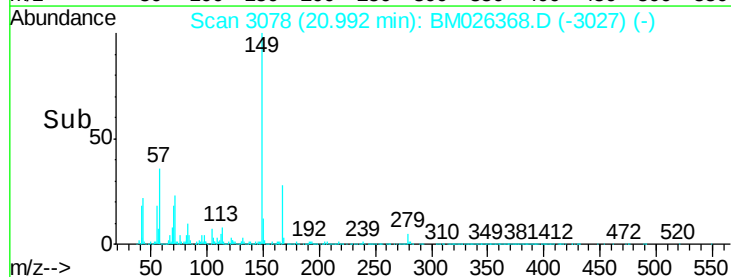
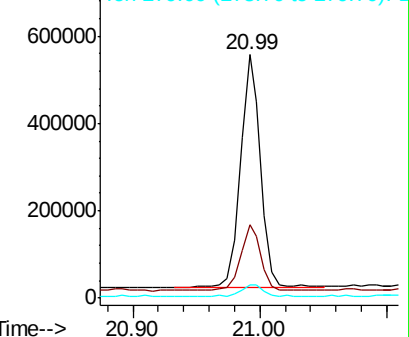
279 5.4 3.6 5.4#

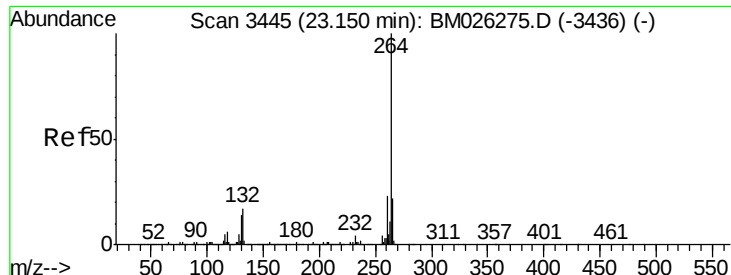


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

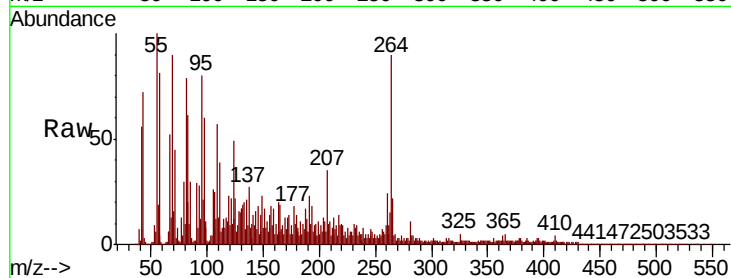




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.18 min Scan# 3450
 Delta R.T. 0.04 min
 Lab File: BM026368.D
 Acq: 12 Jun 2020 01:49

Instrument :
 BNA_M
 ClientSampleId :
 OFFICE-SLAB-2

Tot Ion: 264 Resp: 677022
 Ion Ratio Lower Upper
 264 100
 260 26.4 18.6 28.0
 265 24.9 18.2 27.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

