

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026369.D
 Acq On : 12 Jun 2020 02:25
 Operator : JU/CG
 Sample : L2965-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAFE-COMP

Quant Time: Jun 12 04:33:17 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

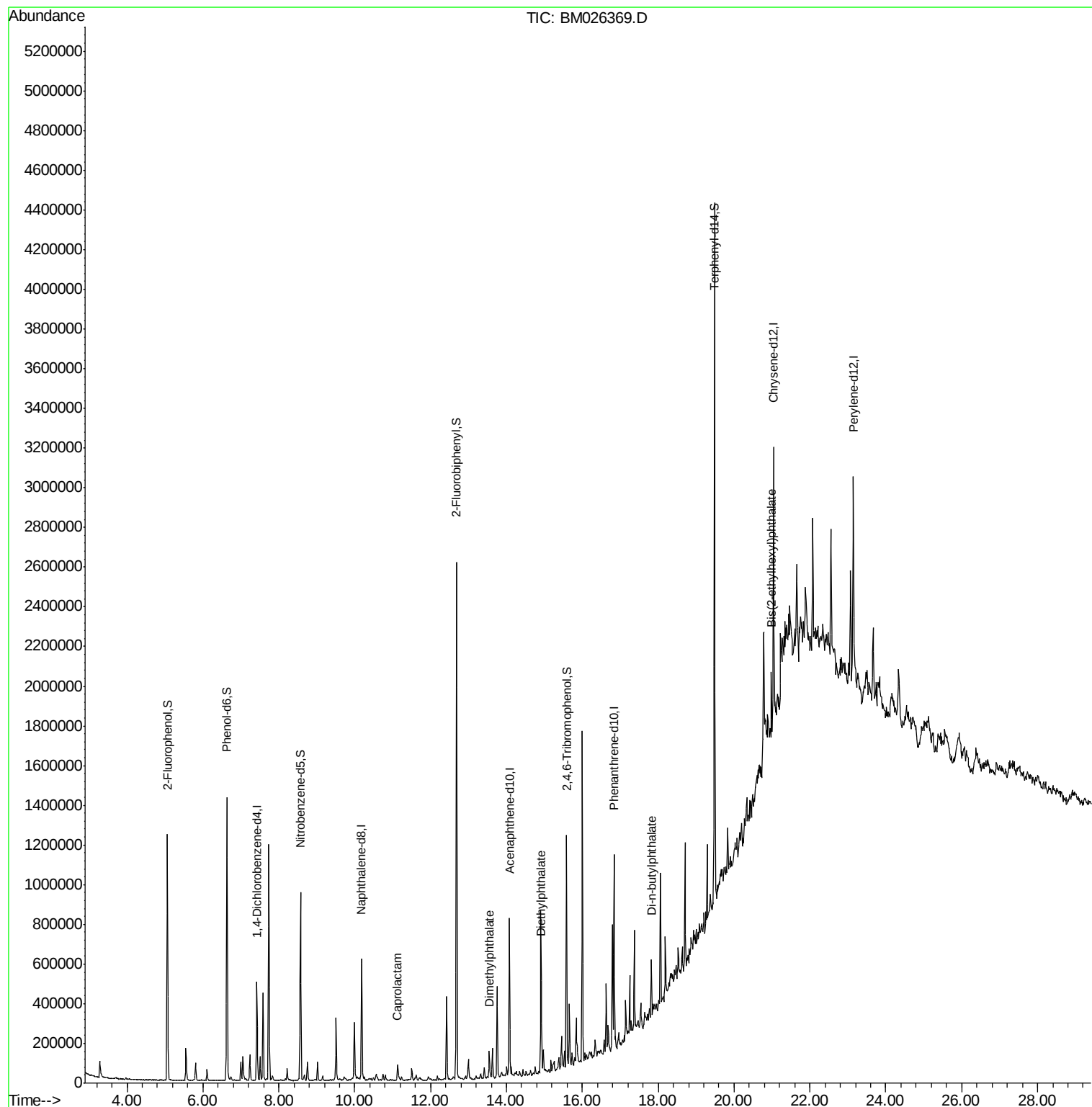
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	119172	20.00	ng	0.00
21) Naphthalene-d8	10.18	136	453353	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	252590	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	509713	20.00	ng	0.00
76) Chrysene-d12	21.04	240	562567	20.00	ng	0.00
86) Perylene-d12	23.14	264	634248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	503814	74.75	ng	0.00
7) Phenol-d6	6.63	99	740971	75.92	ng	0.00
23) Nitrobenzene-d5	8.57	82	500920	54.25	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	187613	61.32	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1021660	61.40	ng	0.00
79) Terphenyl-d14	19.49	244	1517702	52.37	ng	0.00
Target Compounds						
35) Caprolactam	11.13	113	15618	6.709	ng	Qvalue # 85
50) Dimethylphthalate	13.55	163	72447	3.921	ng	100
60) Diethylphthalate	14.93	149	66123	3.514	ng	98
74) Di-n-butylphthalate	17.82	149	177791	6.001	ng	97
84) Bis(2-ethylhexyl)phthalate	20.99	149	82837	3.865	ng	# 92

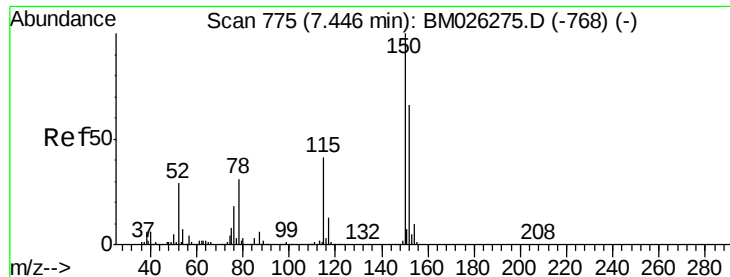
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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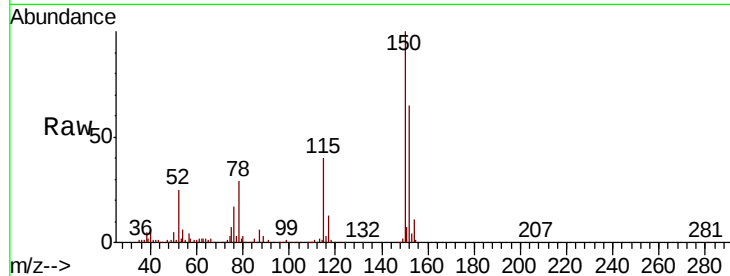


#1

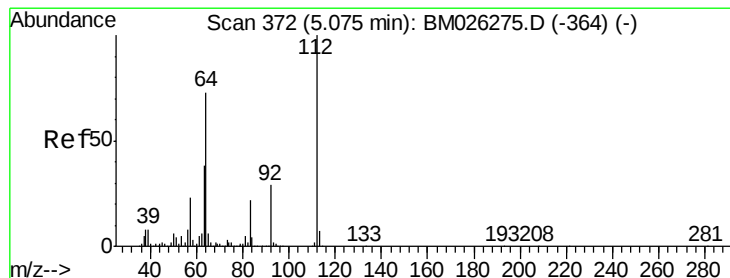
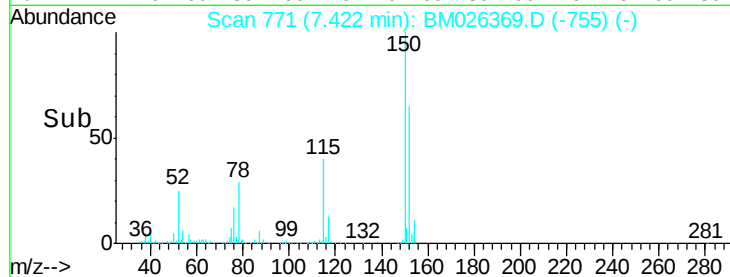
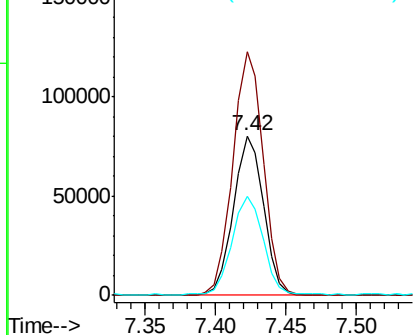
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM026369.D
Acq: 12 Jun 2020 02:25

Instrument :
BNA_M
ClientSampleId :
SAFE-COMP

Tot Ion	152	Resp	119172
Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.1	183.1
115	61.7	49.7	74.5



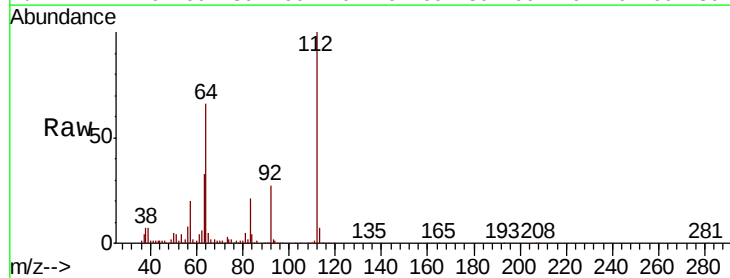
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



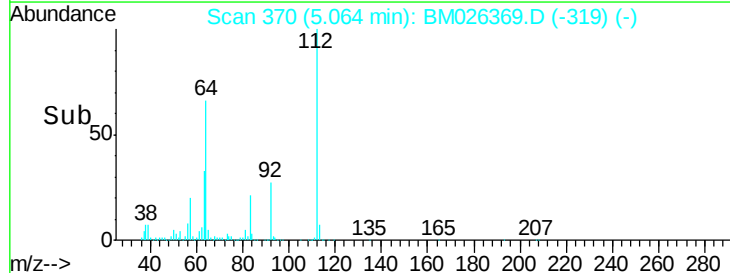
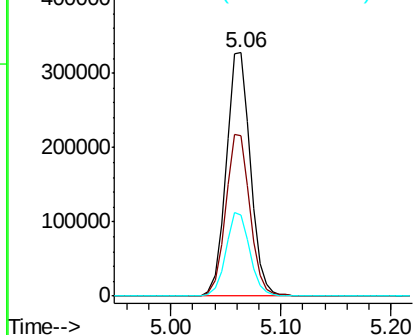
#5

2-Fluorophenol
Concen: 74.746 ng
RT: 5.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM026369.D
Acq: 12 Jun 2020 02:25

Tgt Ion	112	Resp	503814
Ion	Ratio	Lower	Upper
112	100		
64	65.7	58.1	87.1
63	33.4	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: 75.916 ng

RT: 6.63 min Scan# 637

Delta R.T. 0.00 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

Instrument :

BNA_M

ClientSampleId :

SAFE-COMP

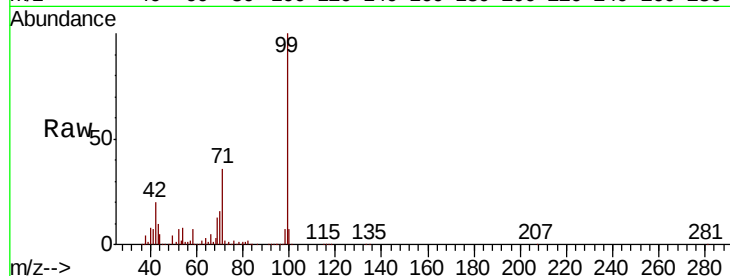
Tot Ion: 99 Resp: 740971

Ion Ratio Lower Upper

99 100

42 20.0 18.0 27.0

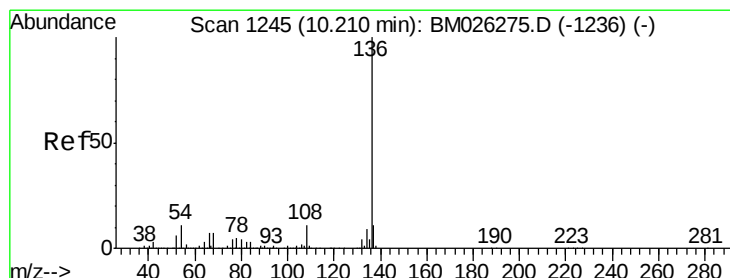
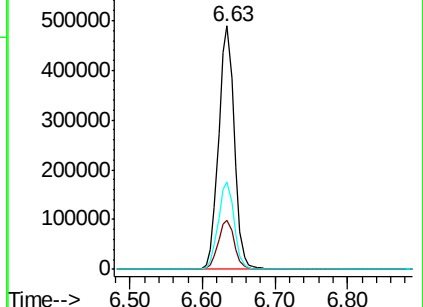
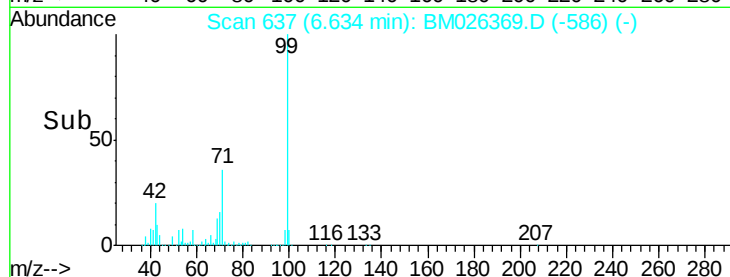
71 35.8 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026369.D (-586) (-)

Ion 42.00 (41.70 to 42.70): BM026369.D (-586) (-)

Ion 71.00 (70.70 to 71.70): BM026369.D (-586) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

Tgt Ion: 136 Resp: 453353

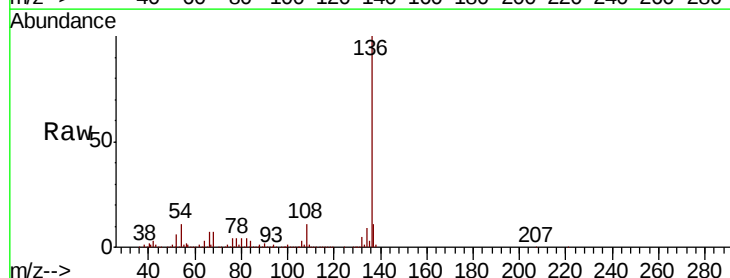
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.7 9.0 13.4

68 7.2 5.6 8.4

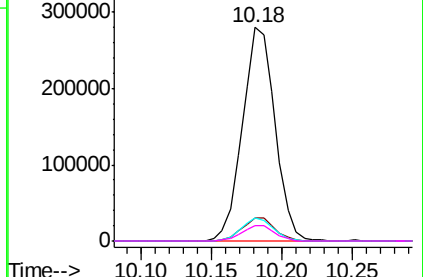
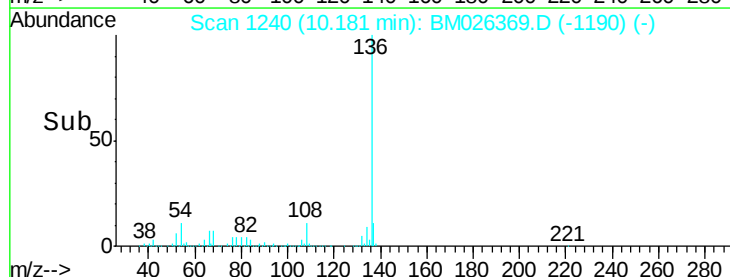


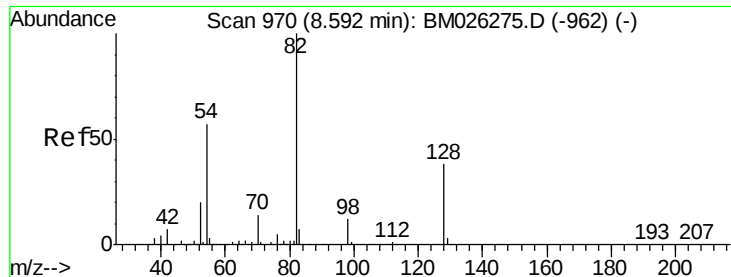
Abundance Ion 136.00 (135.70 to 136.70): BM026369.D (-1190) (-)

Ion 137.00 (136.70 to 137.70): BM026369.D (-1190) (-)

Ion 54.00 (53.70 to 54.70): BM026369.D (-1190) (-)

Ion 68.00 (67.70 to 68.70): BM026369.D (-1190) (-)

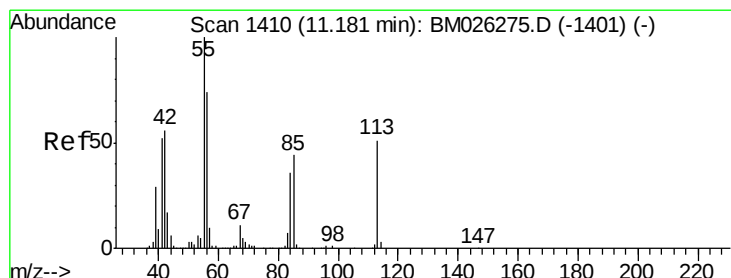
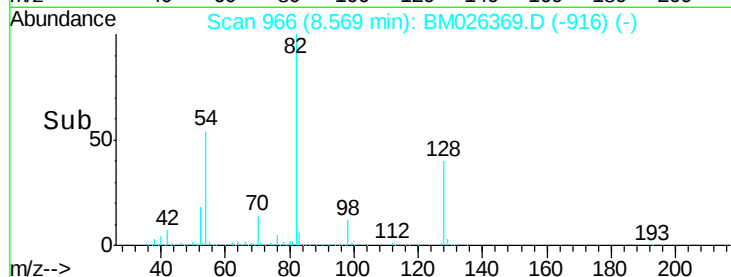
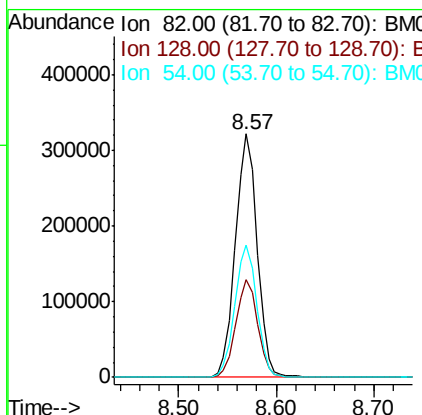
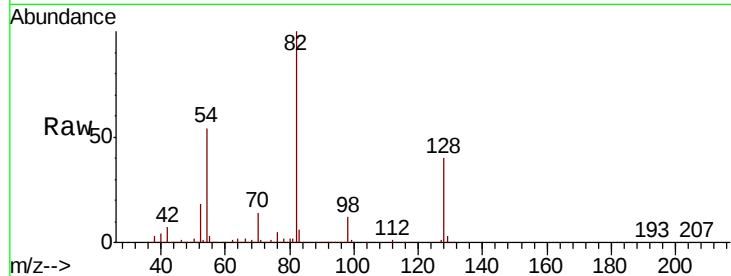




#23
Nitrobenzene-d5
Concen: 54.251 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM026369.D
Acq: 12 Jun 2020 02:25

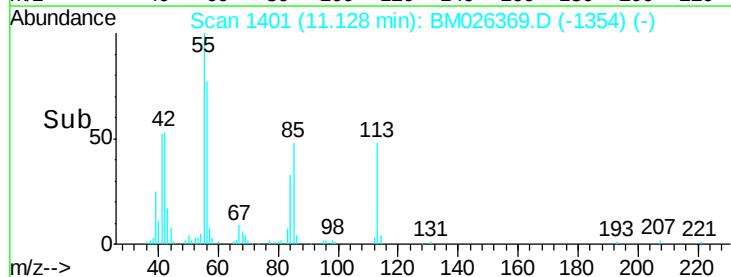
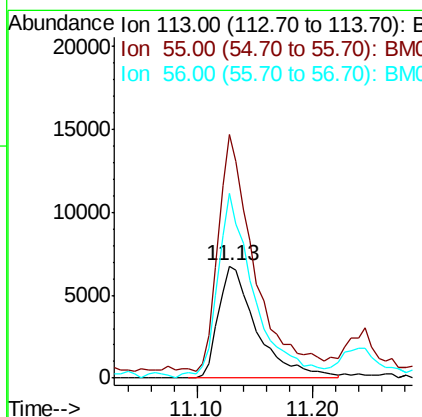
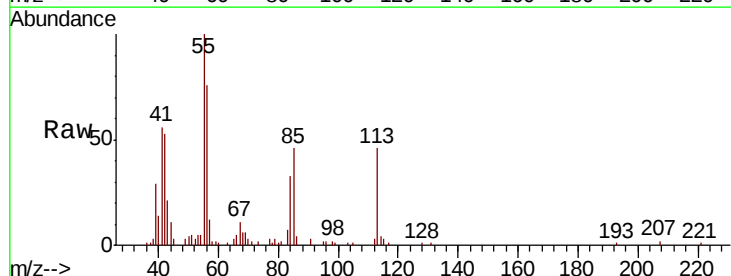
Instrument :
BNA_M
ClientSampleId :
SAFE-COMP

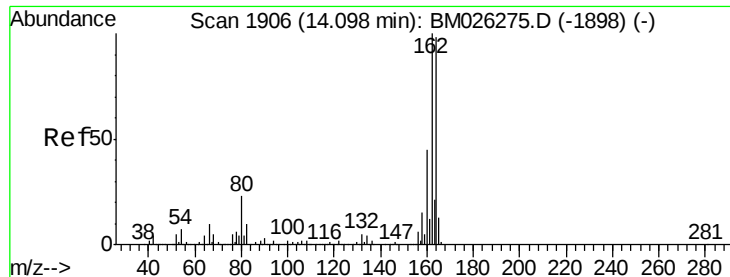
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.3	45.5
54	54.3	45.4	68.2



#35
Caprolactam
Concen: 6.709 ng
RT: 11.13 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BM026369.D
Acq: 12 Jun 2020 02:25

Tgt Ion	Ratio	Lower	Upper
113	100		
55	217.0	176.8	216.8#
56	164.6	124.8	164.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

Instrument :

BNA_M

ClientSampleId :

SAFE-COMP

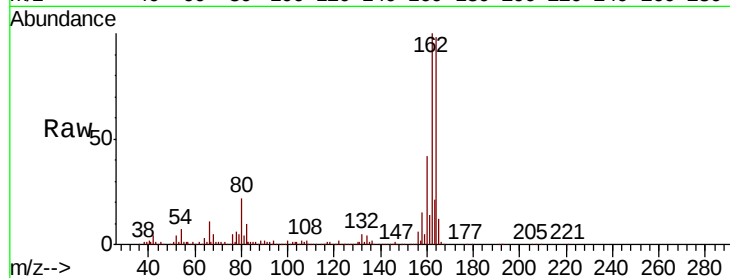
Tot Ion:164 Resp: 252590

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.2

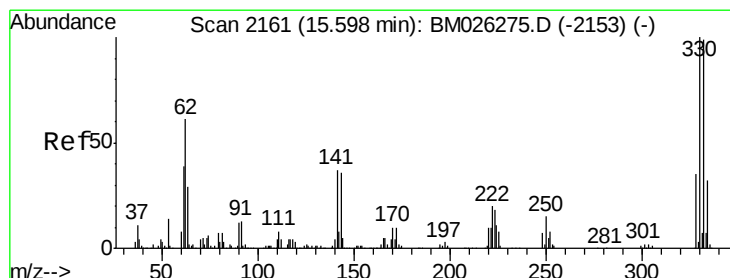
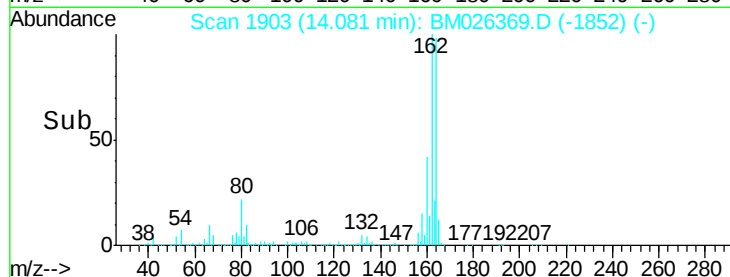
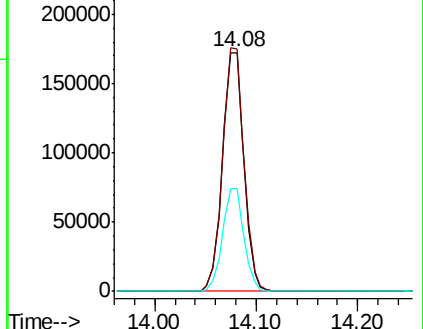
160 42.9 36.4 54.6



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: 61.316 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

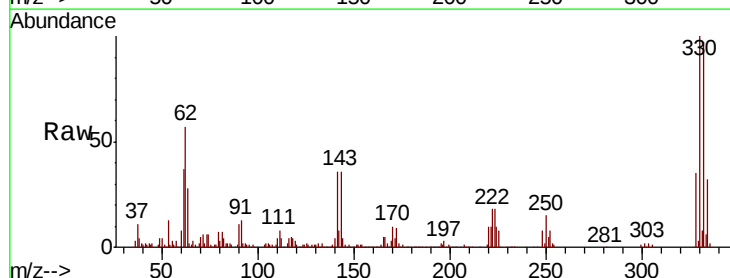
Tgt Ion:330 Resp: 187613

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

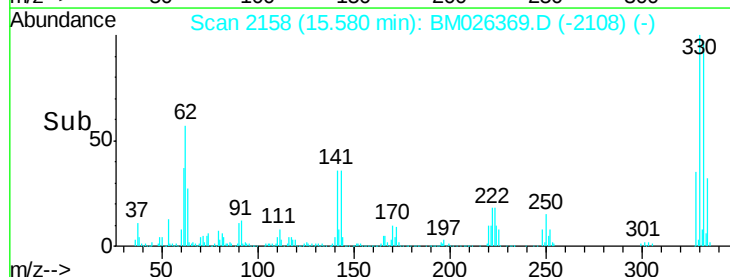
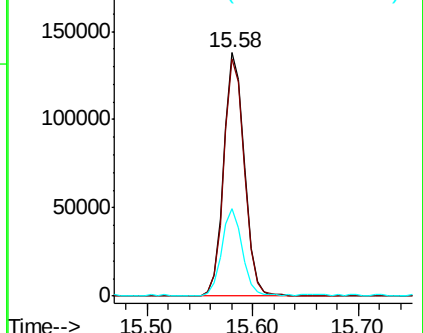
141 35.2 30.0 45.0

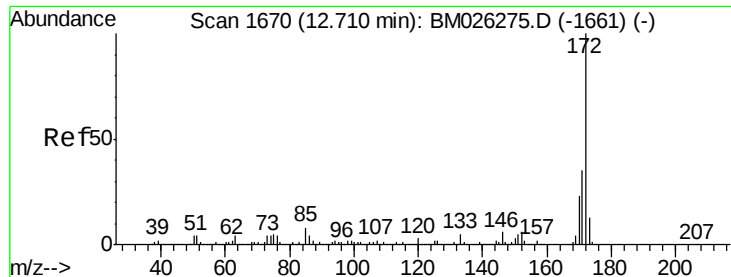


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

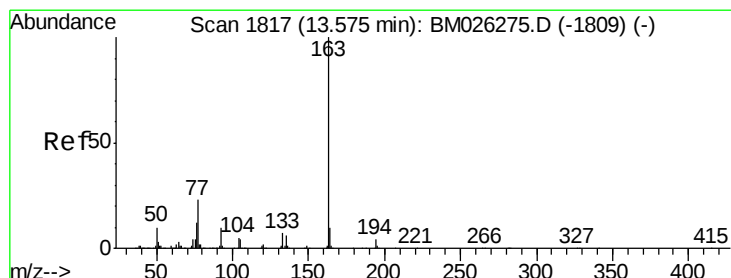
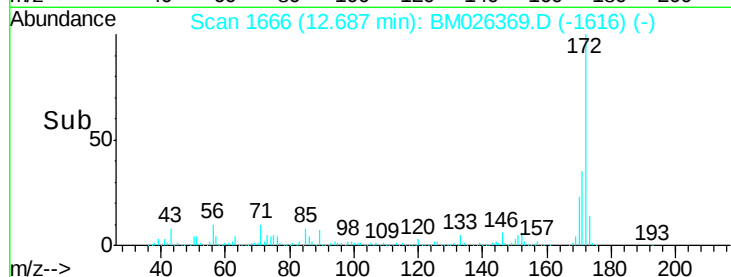
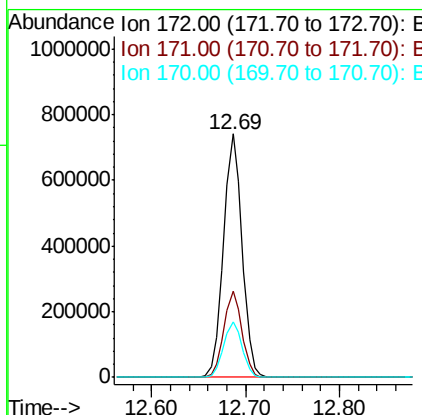
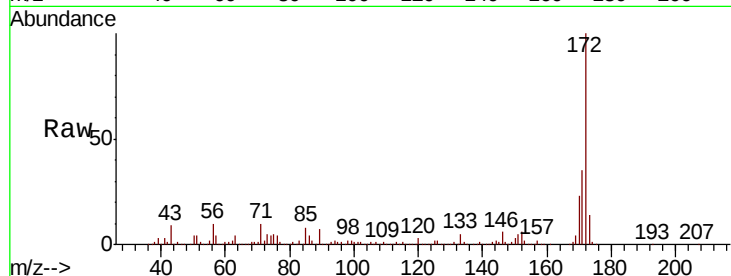




#45
2-Fluorobiphenyl
Concen: 61.398 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM026369.D
Acq: 12 Jun 2020 02:25

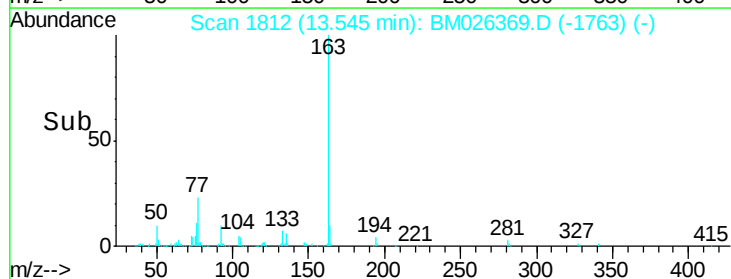
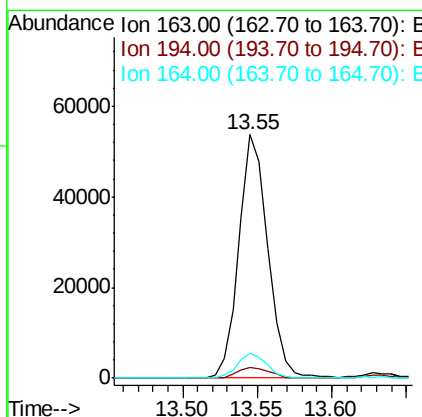
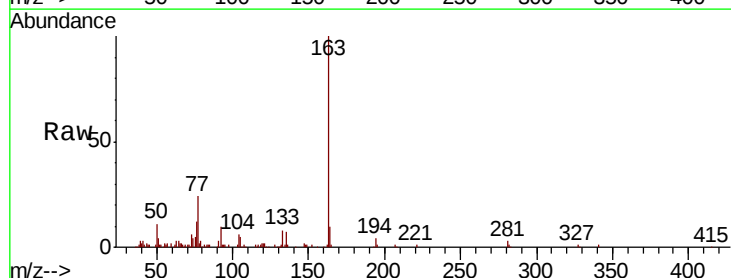
Instrument :
BNA_M
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SAFE-COMP

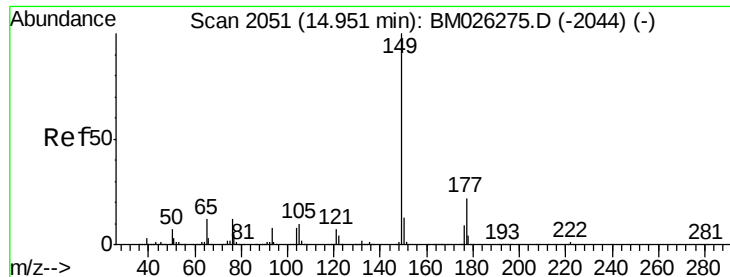
Tot Ion:172 Resp: 1021660
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 22.9 18.3 27.5



#50
Dimethylphthalate
Concen: 3.921 ng
RT: 13.55 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BM026369.D
Acq: 12 Jun 2020 02:25

Tgt Ion:163 Resp: 72447
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.0 12.0





#60

Diethylphthalate

Concen: 3.514 ng

RT: 14.93 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

Instrument :

BNA_M

ClientSampleId :

SAFE-COMP

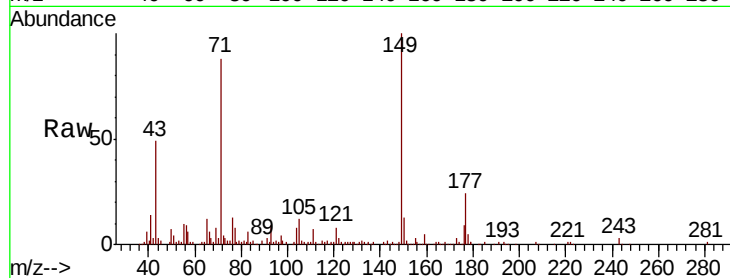
Tot Ion:149 Resp: 66123

Ion Ratio Lower Upper

149 100

177 23.6 17.8 26.6

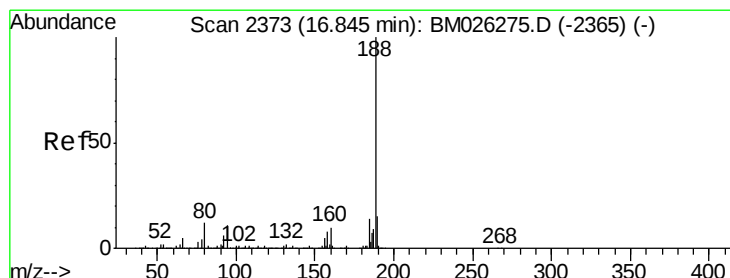
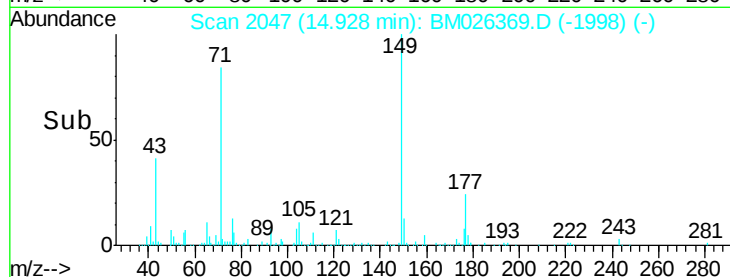
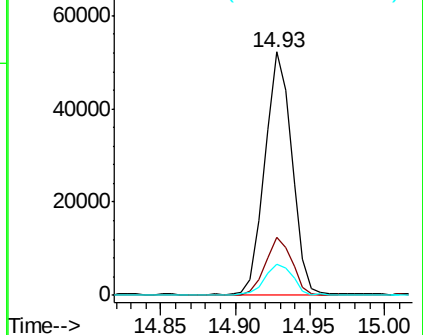
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

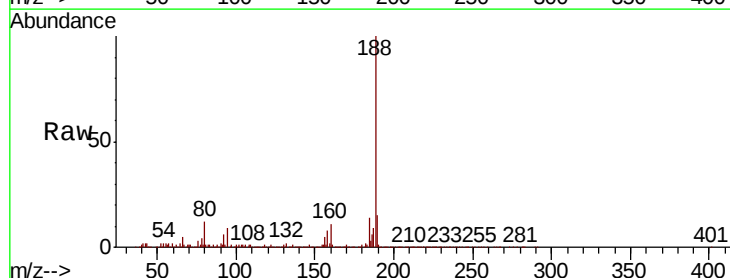
Tgt Ion:188 Resp: 509713

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

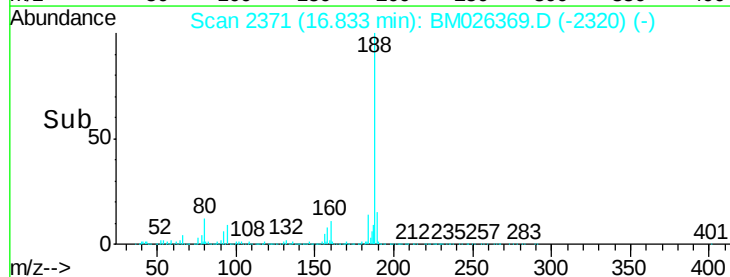
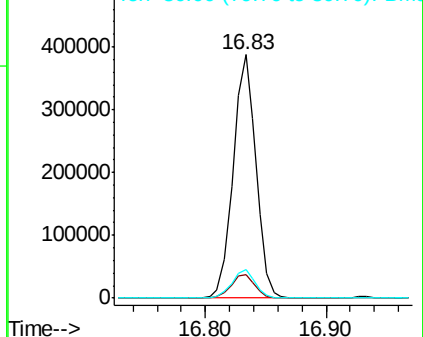
80 11.8 9.7 14.5

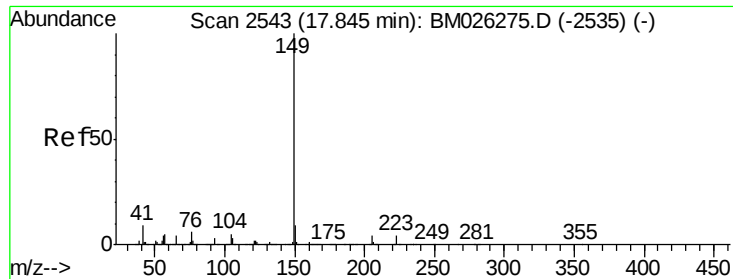


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#74

Di-n-butylphthalate

Concen: 6.001 ng

RT: 17.82 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

Instrument :

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ClientSampleId :

SAFE-COMP

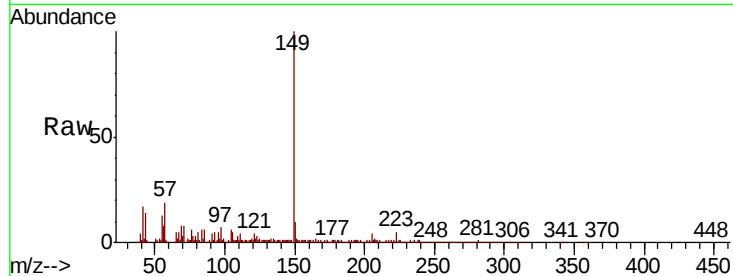
Tot Ion:149 Resp: 177791

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

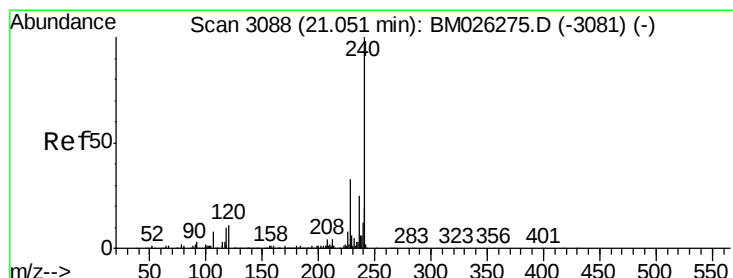
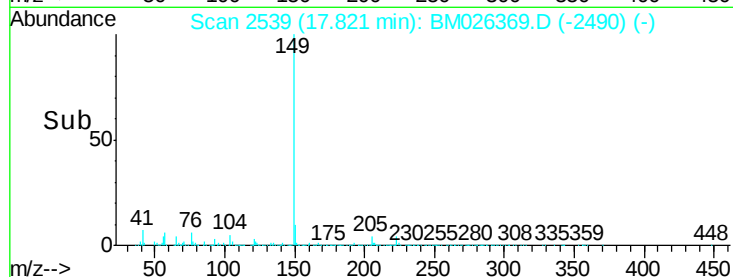
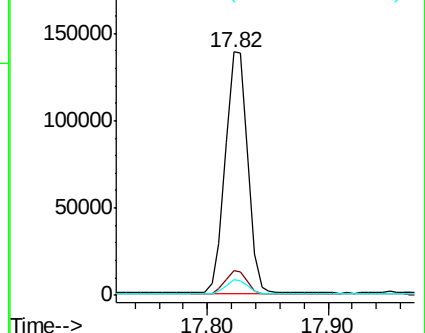
104 6.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

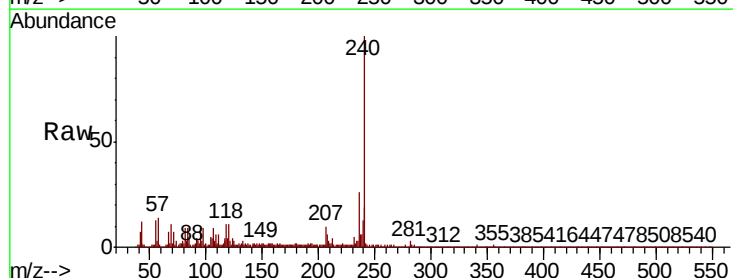
Tgt Ion:240 Resp: 562567

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

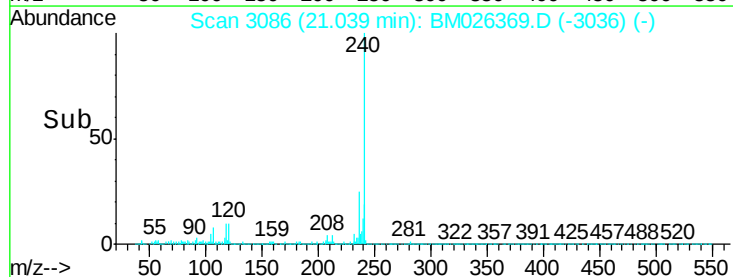
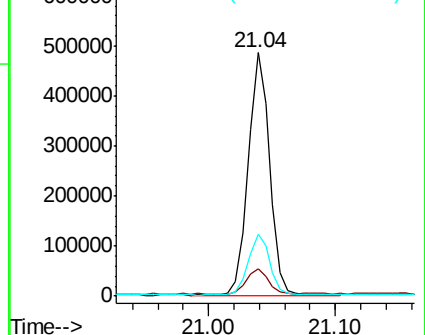
236 25.5 19.7 29.5

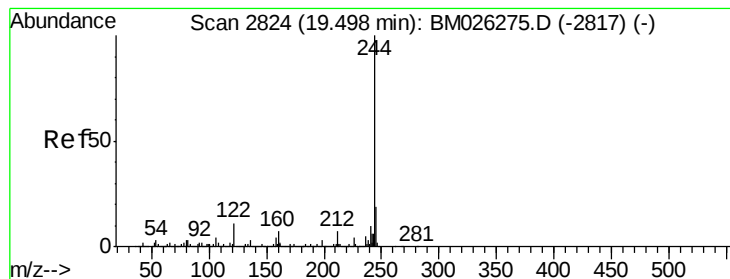


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.369 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

Instrument :

BNA_M

ClientSampleId :

SAFE-COMP

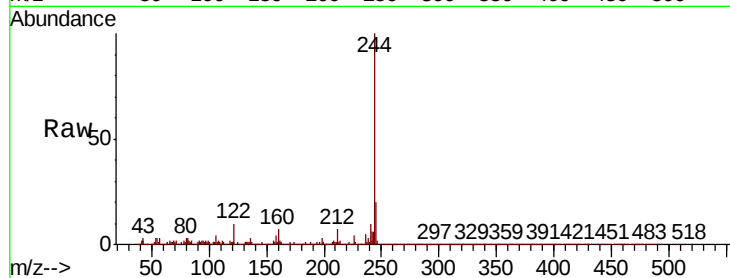
Tot Ion:244 Resp: 1517702

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

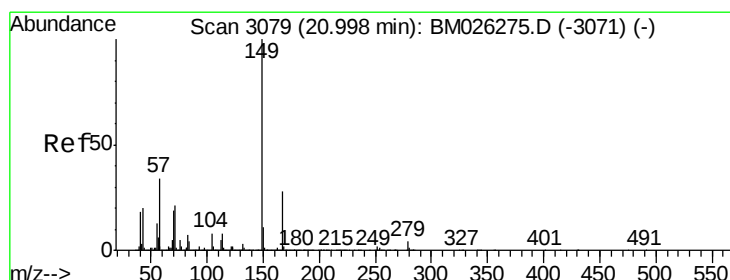
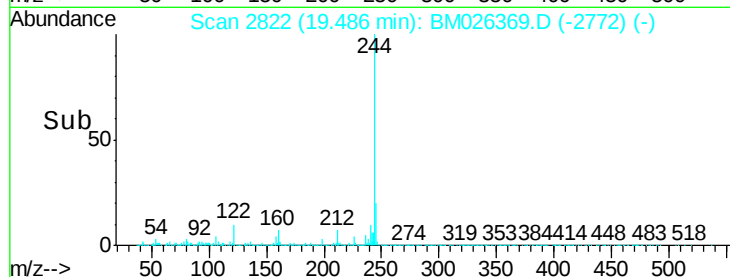
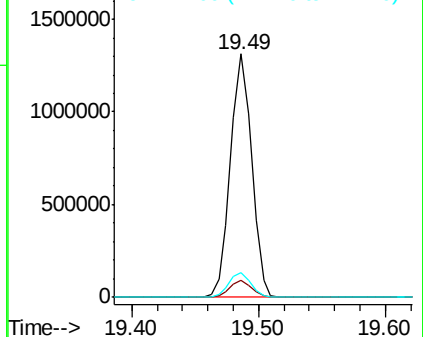
122 10.2 9.1 13.7



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: 3.865 ng

RT: 20.99 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM026369.D

Acq: 12 Jun 2020 02:25

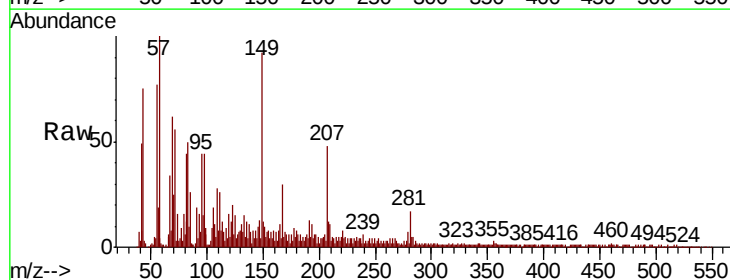
Tgt Ion:149 Resp: 82837

Ion Ratio Lower Upper

149 100

167 32.0 22.2 33.4

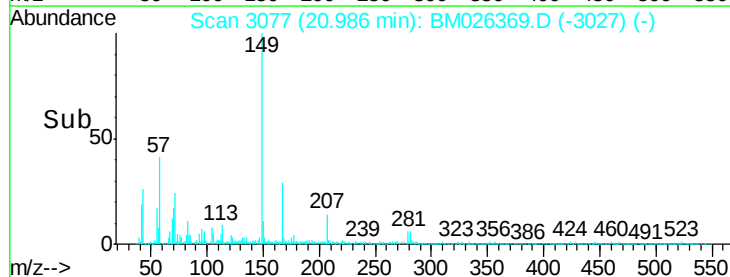
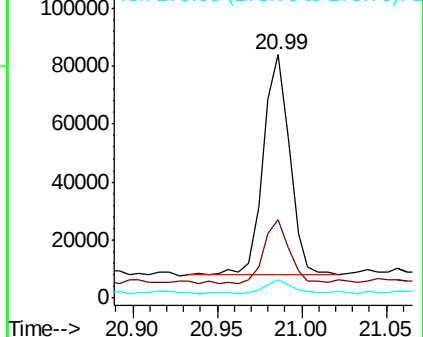
279 7.4 3.6 5.4#

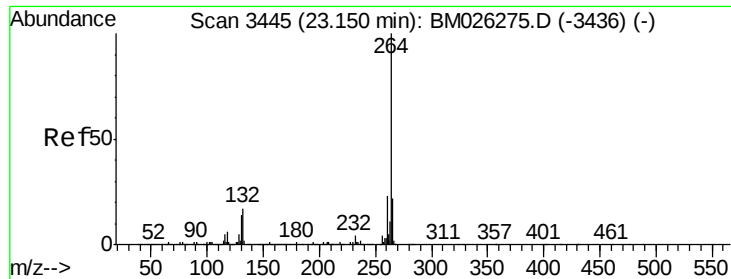


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.14 min Scan# 3444
Delta R.T. 0.00 min
Lab File: BM026369.D
Acq: 12 Jun 2020 02:25

Instrument :
BNA_M
ClientSampleId :
SAFE-COMP

Tot Ion:264 Resp: 634248
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.7 18.2 27.2

