

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024631.D
 Acq On : 27 Jan 2020 17:04
 Operator : CG/JU
 Sample : L1264-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 28 05:35:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

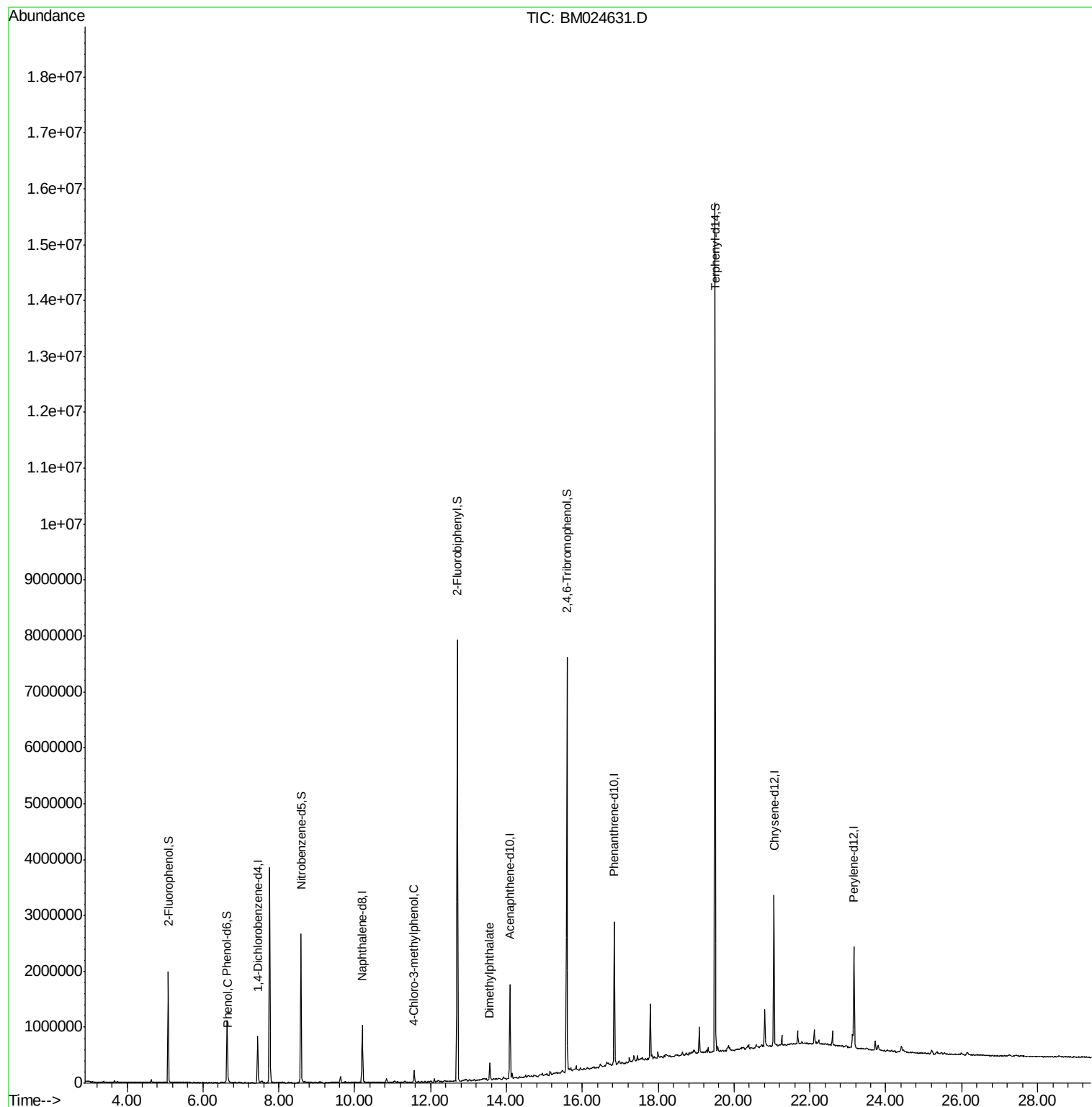
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	229208	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	826083	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	600035	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1480665	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1266022	20.00	ng	0.00
87) Perylene-d12	23.16	264	1327912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	800325	66.40	ng	0.00
7) Phenol-d6	6.63	99	587967	35.41	ng	-0.01
23) Nitrobenzene-d5	8.58	82	1498023	88.93	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1567337	160.58	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4204633	95.26	ng	0.00
79) Terphenyl-d14	19.50	244	7900233	116.50	ng	0.00
Target Compounds						
10) Phenol	6.66	94	34222	2.068	ng	94
36) 4-Chloro-3-methylphenol	11.57	107	45110	3.091	ng	# 20
50) Dimethylphthalate	13.56	163	202064	4.165	ng	99

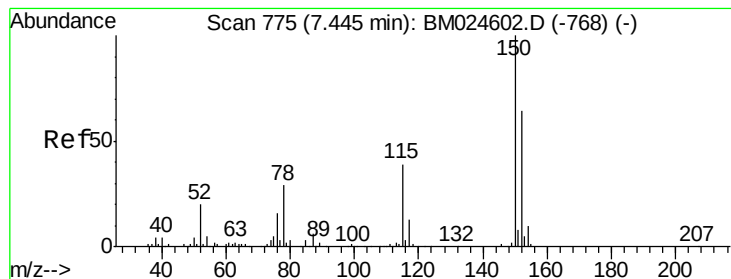
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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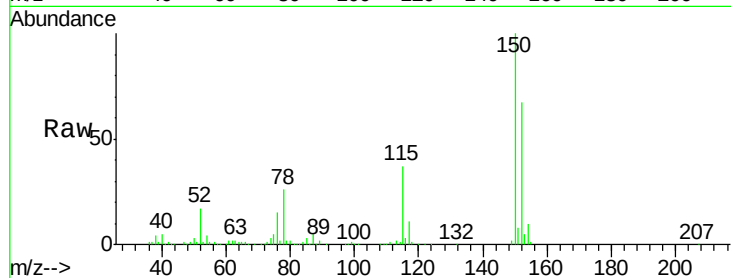


#1

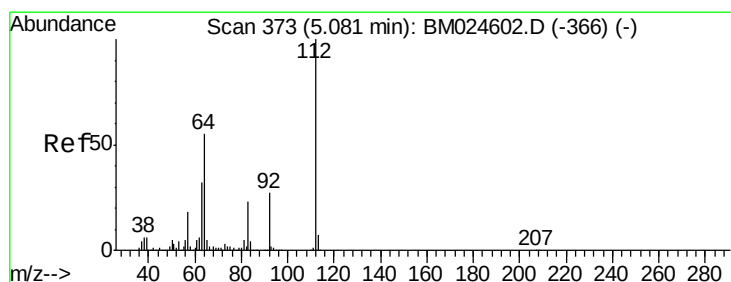
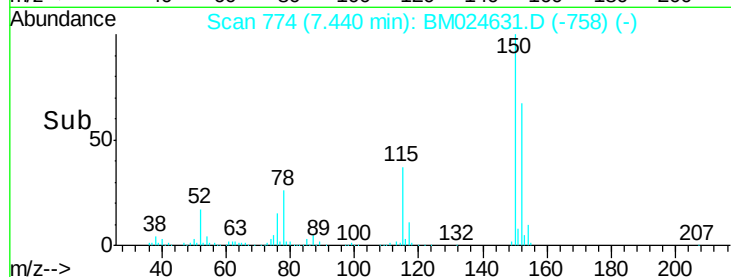
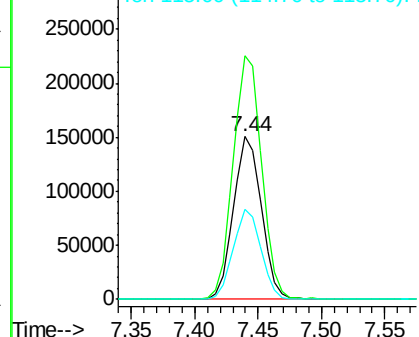
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.2	186.4
115	55.2	48.6	72.8



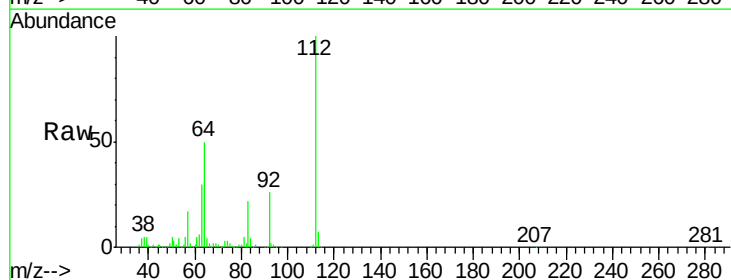
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



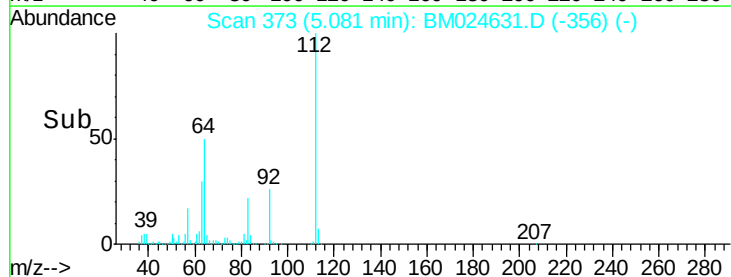
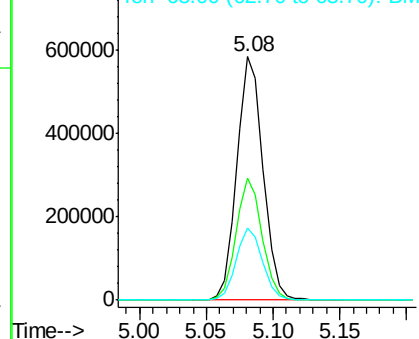
#5

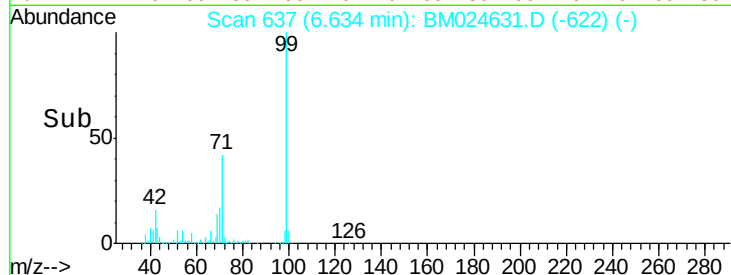
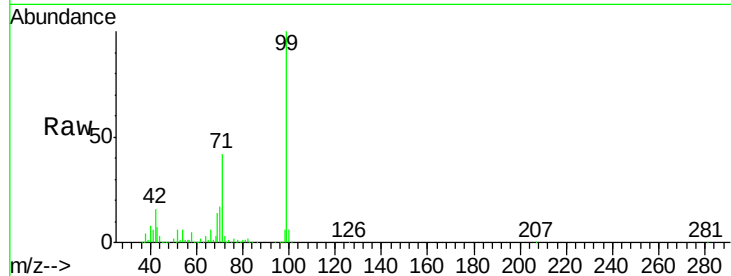
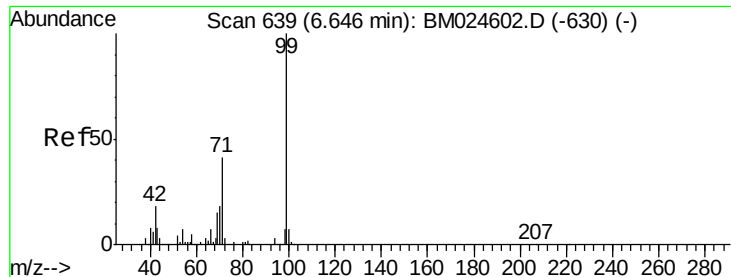
2-Fluorophenol
Concen: 66.404 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	44.2	66.4
63	29.6	25.9	38.9



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: 35.413 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

Instrument :

BNA_M

ClientSampleId :

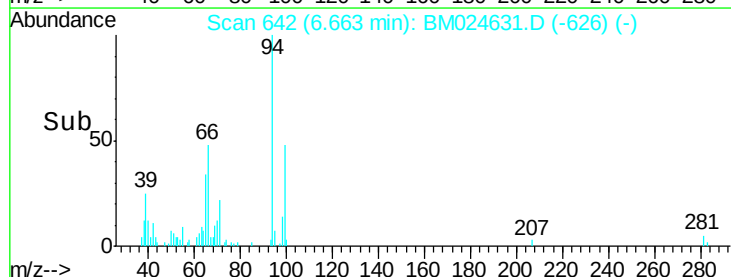
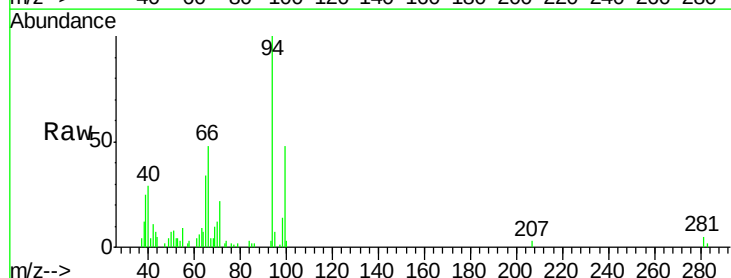
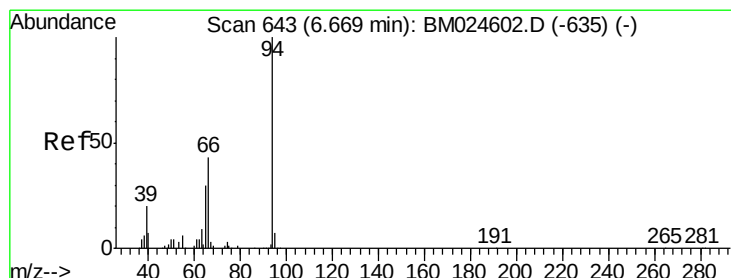
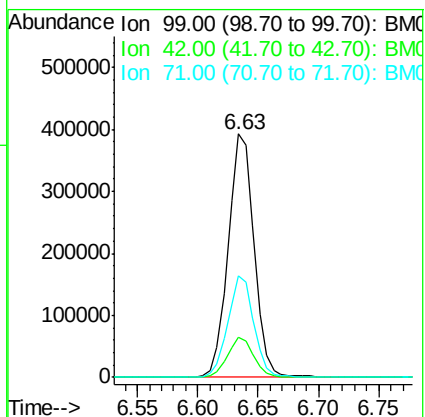
Tot Ion: 99 Resp: 587967

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 41.8 33.0 49.6



#10

Phenol

Concen: 2.068 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

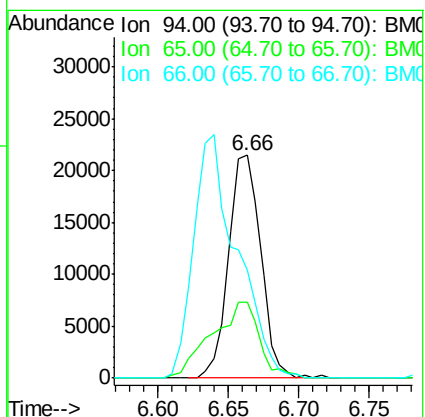
Tgt Ion: 94 Resp: 34222

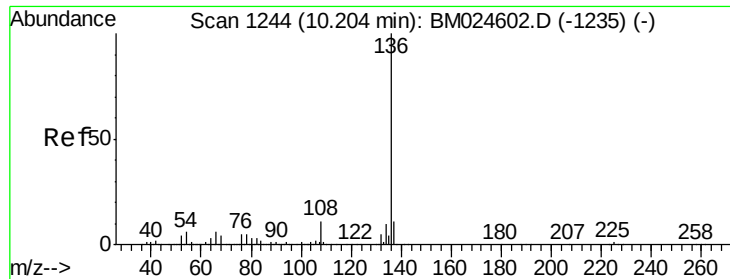
Ion Ratio Lower Upper

94 100

65 33.9 10.3 50.3

66 48.4 24.8 64.8

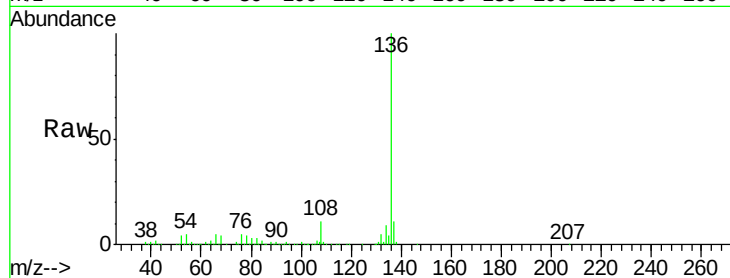




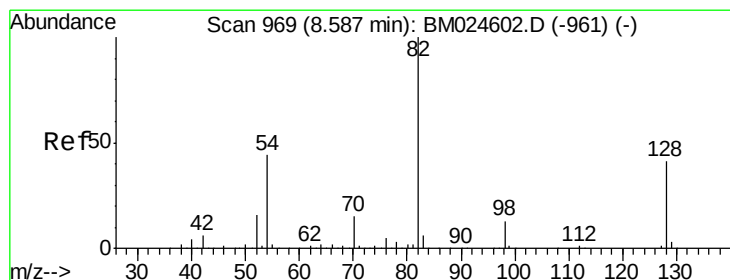
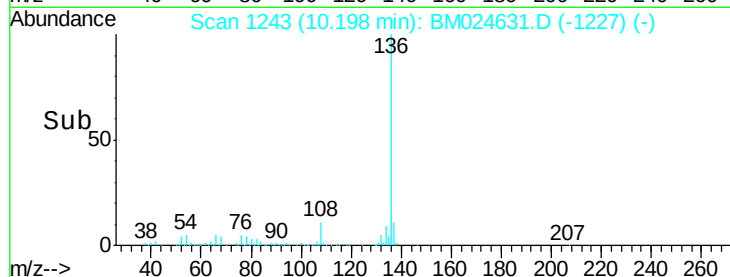
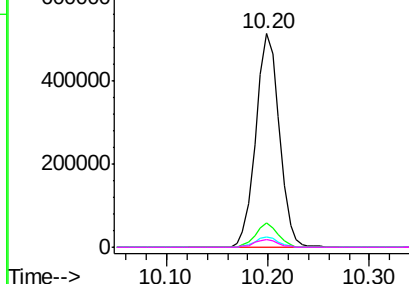
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 826083
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 4.7	4.5 6.7
68 3.6	3.4 5.0

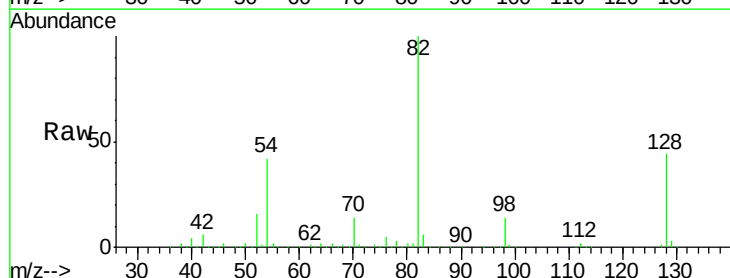


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

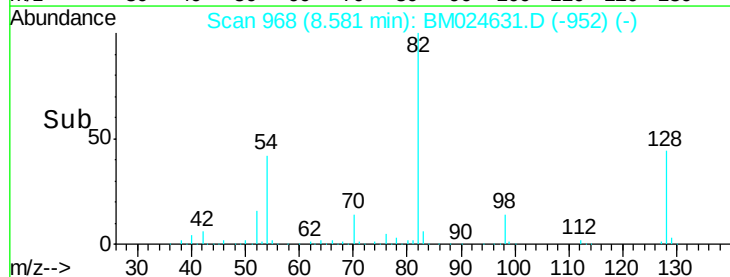
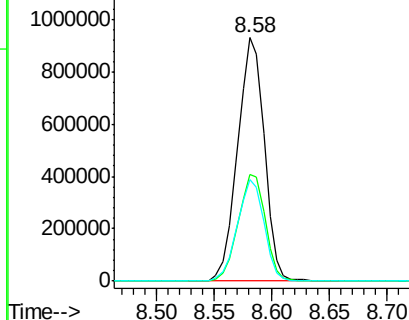


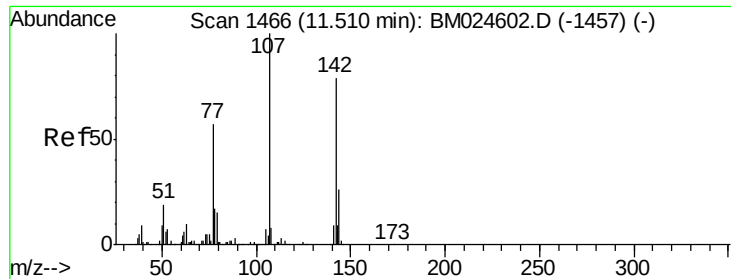
#23
Nitrobenzene-d5
Concen: 88.932 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion: 82	Ratio	Resp: 1498023	
Ion 82	100	Lower	Upper
128	44.1	32.6	48.8
54	41.6	34.8	52.2



Abundance Ion 82.00 (81.70 to 82.70): BM
1200000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

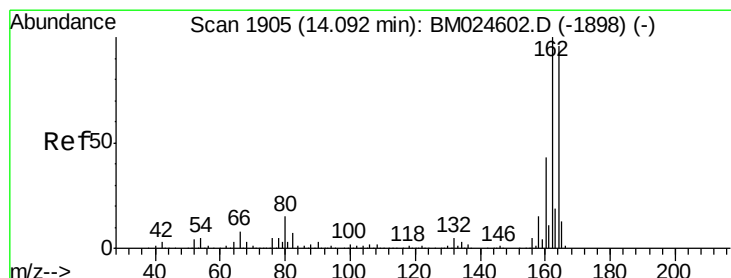
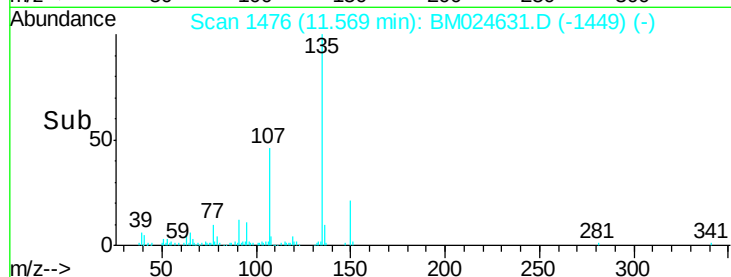
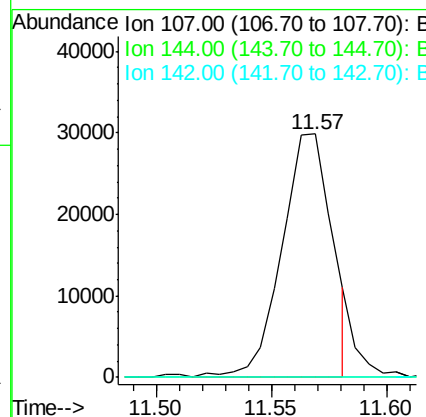
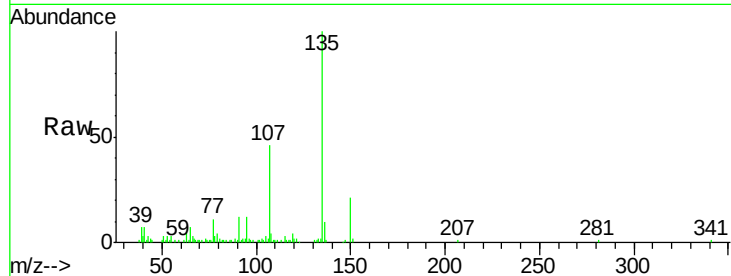




#36
 4-Chloro-3-methylphenol
 Concen: 3.091 ng
 RT: 11.57 min Scan# 1476
 Delta R.T. 0.06 min
 Lab File: BM024631.D
 Acq: 27 Jan 2020 17:04

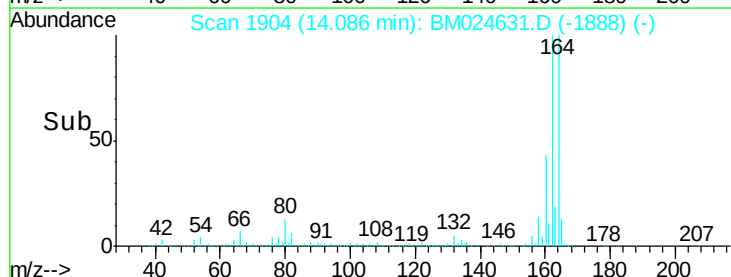
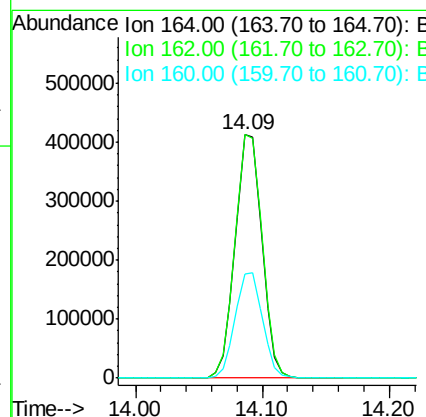
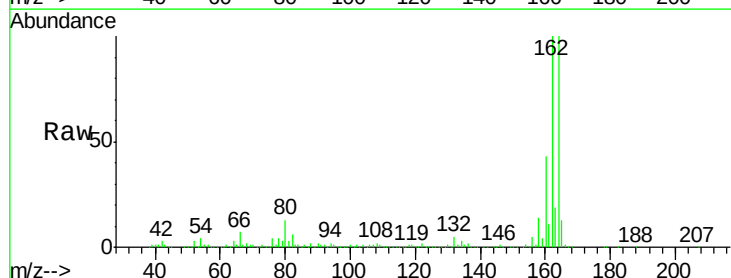
Instrument :
 BNA_M
 ClientSampleId :

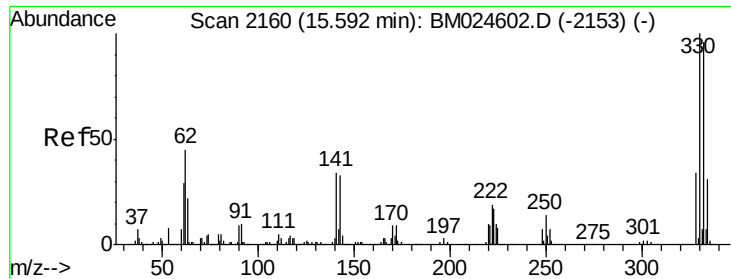
Tot Ion:107 Resp: 45110
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.8 94.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM024631.D
 Acq: 27 Jan 2020 17:04

Tgt Ion:164 Resp: 600035
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.9 124.3
 160 42.7 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 160.580 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

Instrument :

BNA_M

ClientSampleId :

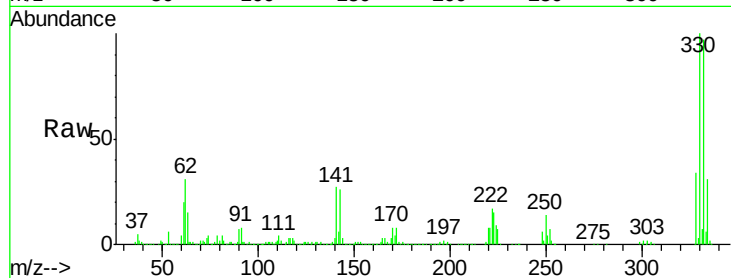
Tot Ion:330 Resp: 1567337

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

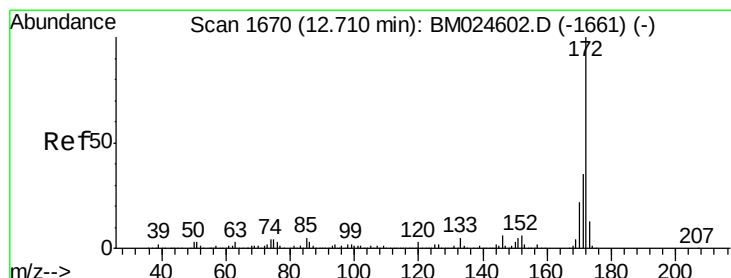
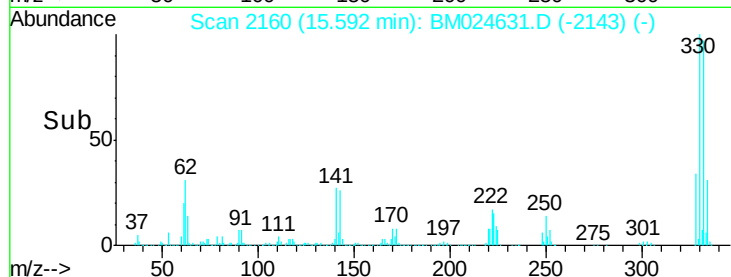
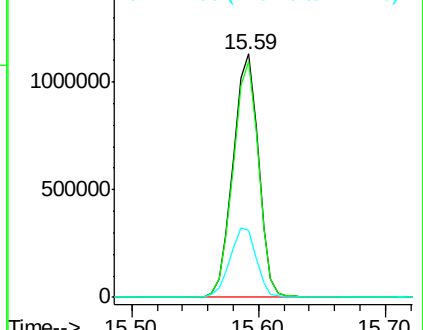
141 29.3 26.9 40.3



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: 95.265 ng

RT: 12.70 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM024631.D

Acq: 27 Jan 2020 17:04

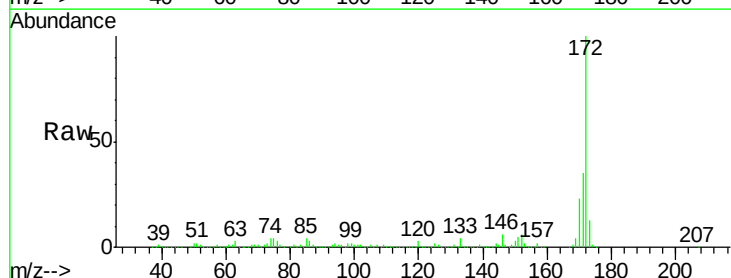
Tgt Ion:172 Resp: 4204633

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

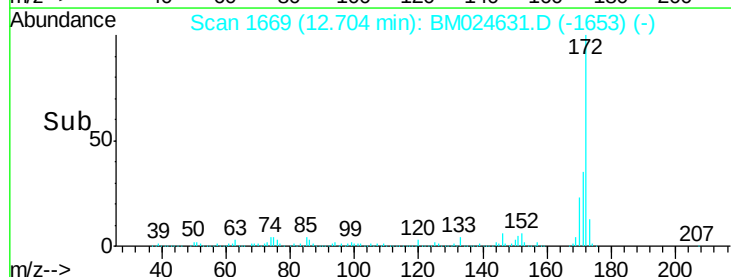
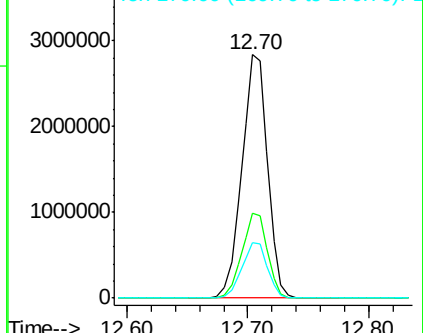
170 22.9 17.9 26.9

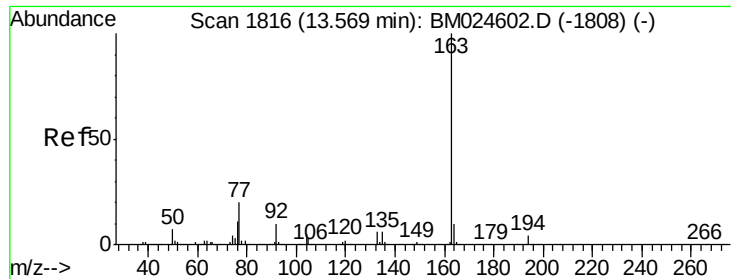


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

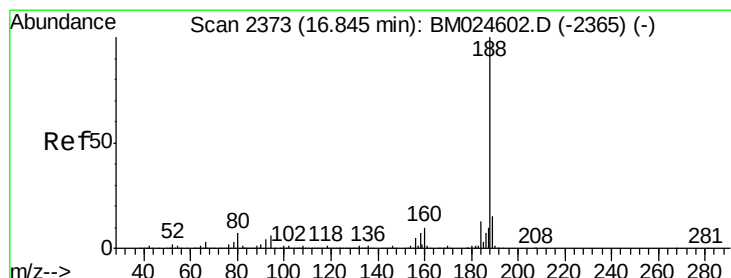
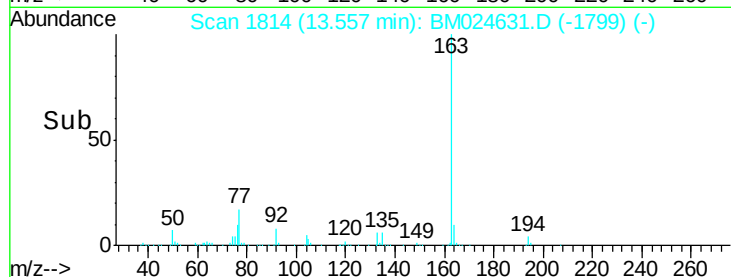
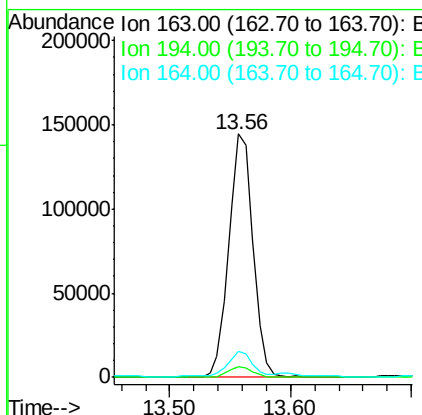
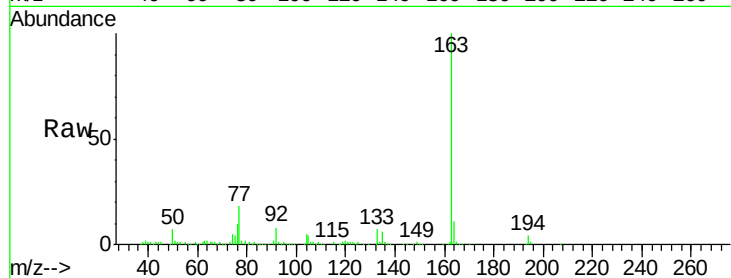




#50
Dimethylphthalate
Concen: 4.165 ng
RT: 13.56 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

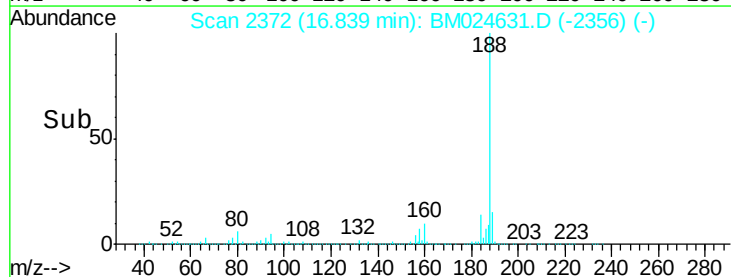
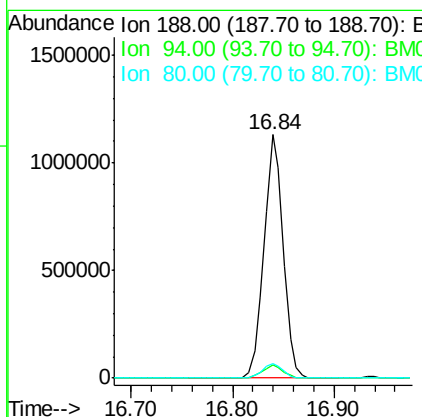
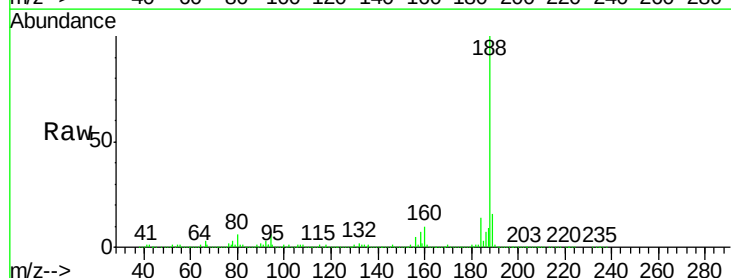
Instrument :
BNA_M
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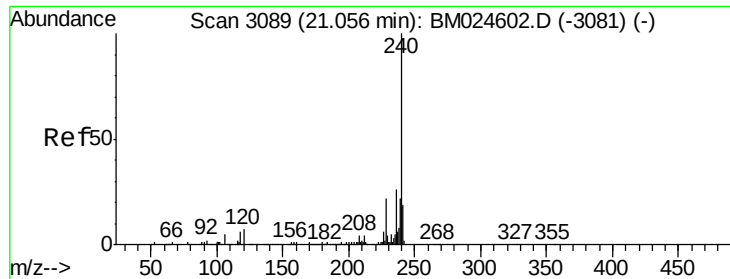
Tot Ion:163 Resp: 202064
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.6 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Tgt Ion:188 Resp: 1480665
Ion Ratio Lower Upper
188 100
94 5.7 5.0 7.6
80 6.1 5.8 8.8

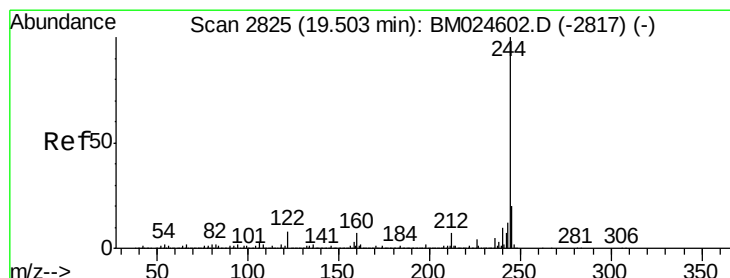
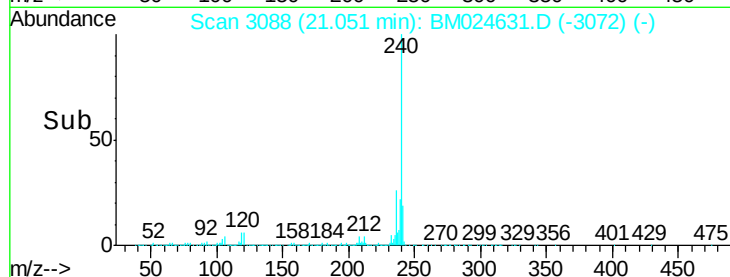
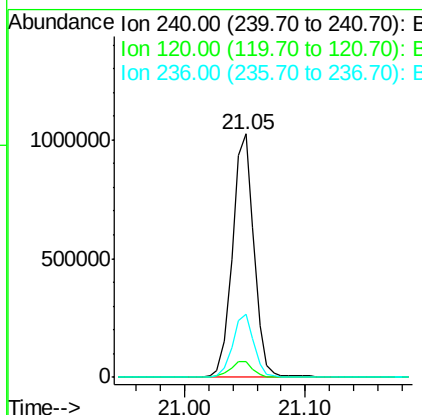
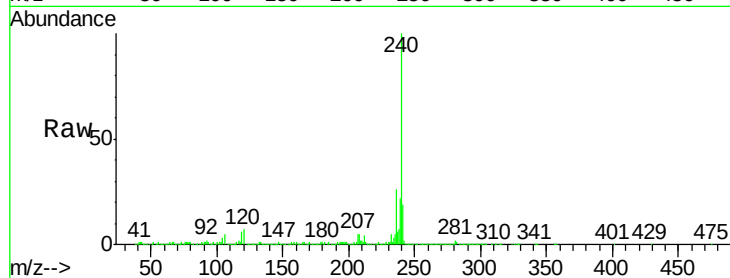




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM024631.D
 Acq: 27 Jan 2020 17:04

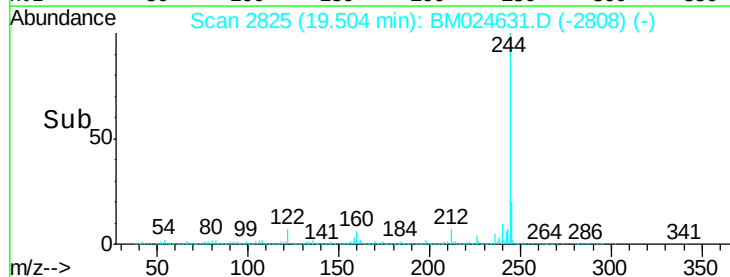
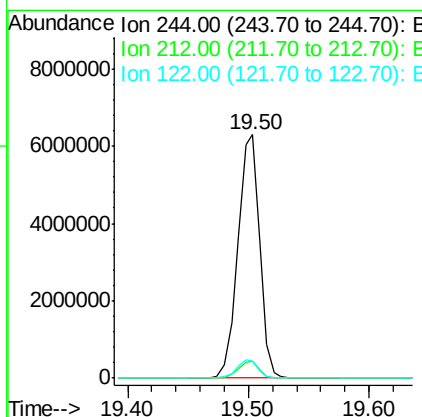
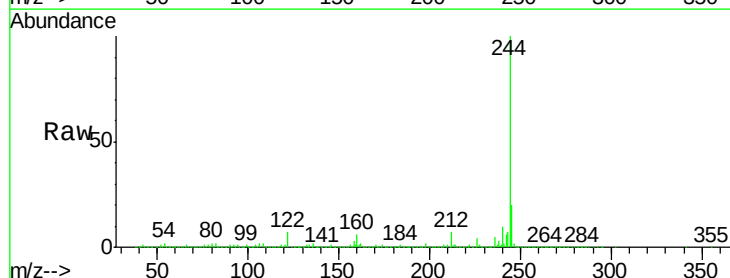
Instrument :
 BNA_M
 ClientSampleId :

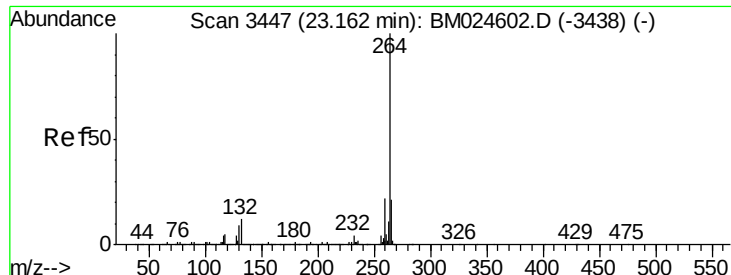
Tot Ion:240 Resp: 1266022
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.3 7.9
 236 26.2 20.6 31.0



#79
 Terphenyl-d14
 Concen: 116.498 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. 0.00 min
 Lab File: BM024631.D
 Acq: 27 Jan 2020 17:04

Tgt Ion:244 Resp: 7900233
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 6.8 6.2 9.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024631.D
Acq: 27 Jan 2020 17:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1327912

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.3	17.3	25.9

