

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
 Data File : BM026633.D
 Acq On : 01 Jul 2020 12:29
 Operator : JU/CG
 Sample : L3153-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP2-F

Quant Time: Jul 01 13:23:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:20:43 2020
 Response via : Initial Calibration

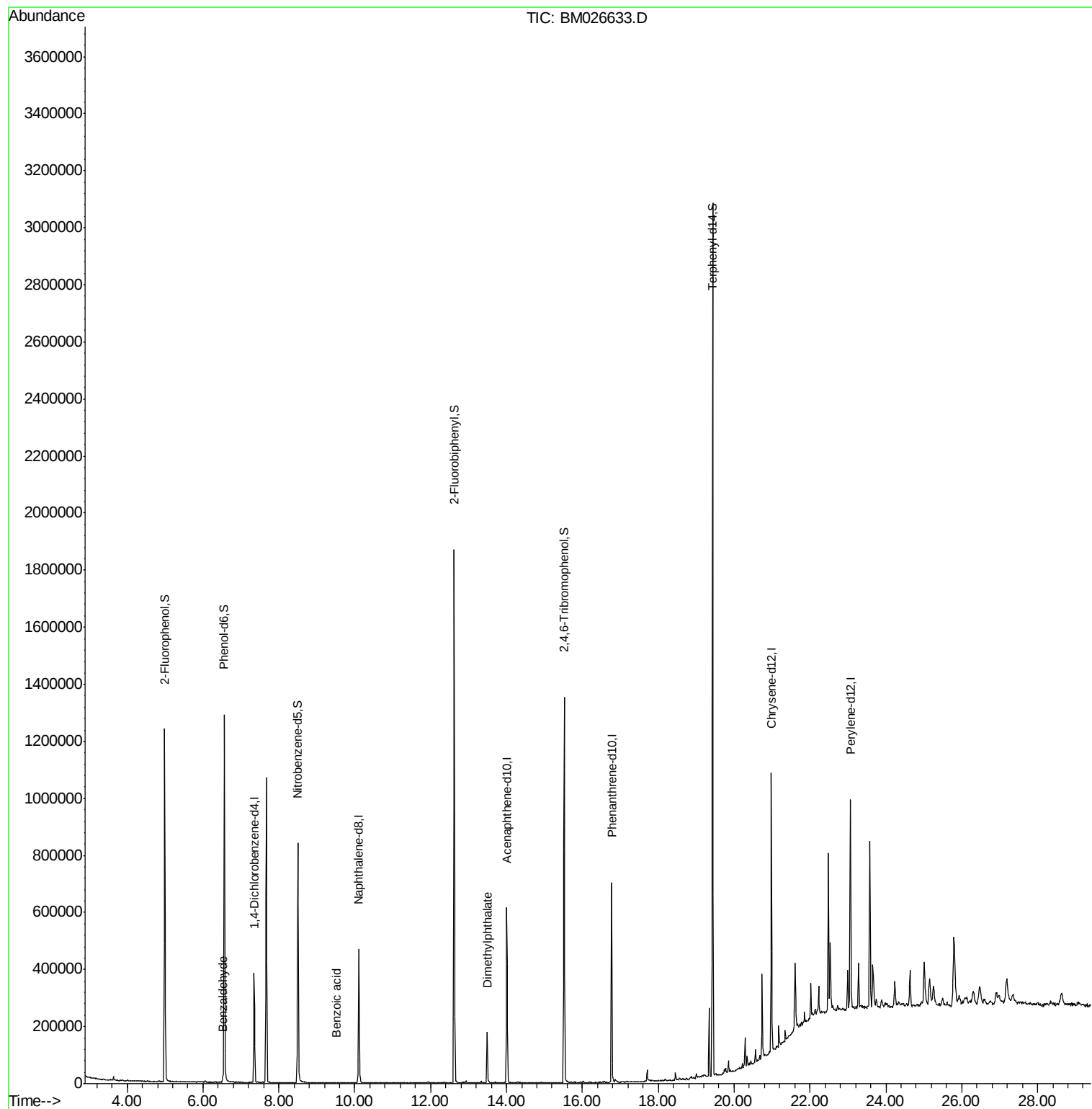
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	88627	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	341015	20.00	ng	0.00
39) Acenaphthene-d10	14.02	164	193901	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	386529	20.00	ng	0.00
76) Chrysene-d12	20.99	240	413041	20.00	ng	0.00
86) Perylene-d12	23.07	264	437221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	415883	82.97	ng	0.00
7) Phenol-d6	6.56	99	605000	83.35	ng	0.00
23) Nitrobenzene-d5	8.50	82	448304	64.55	ng	0.00
42) 2,4,6-Tribromophenol	15.52	330	207241	88.23	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	847866	66.38	ng	0.00
79) Terphenyl-d14	19.43	244	1277956	60.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	9607	2.076	ng	92
32) Benzoic acid	9.50	122	646	5.321	ng	93
50) Dimethylphthalate	13.49	163	111890	7.889	ng	99

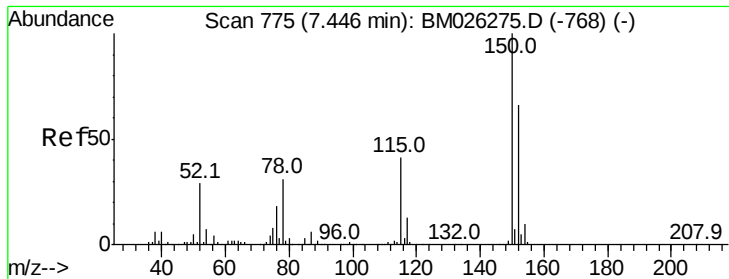
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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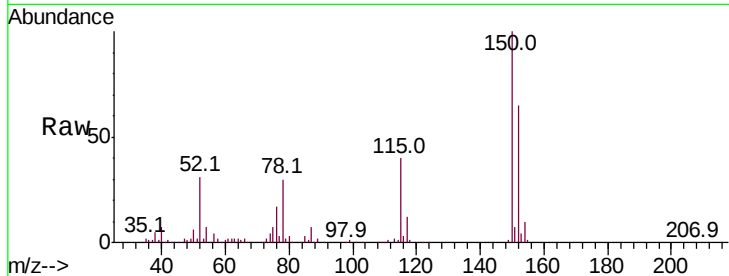


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.36 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.8	191.6
115	61.5	51.5	77.3

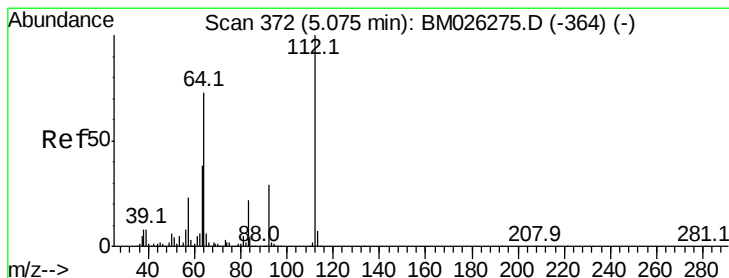
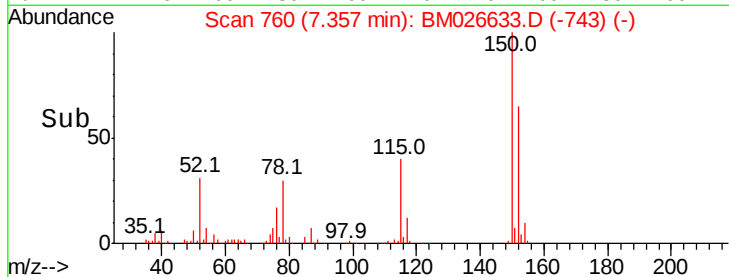
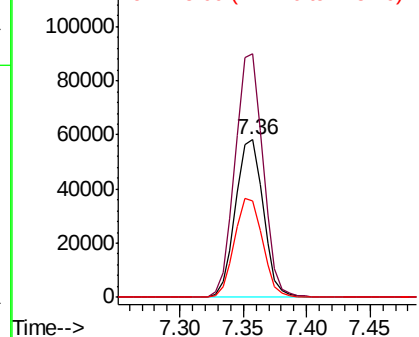


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

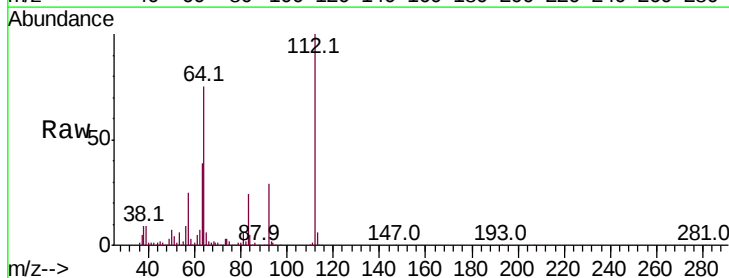
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.965 ng
RT: 4.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.0	84.0
63	39.5	29.0	43.6

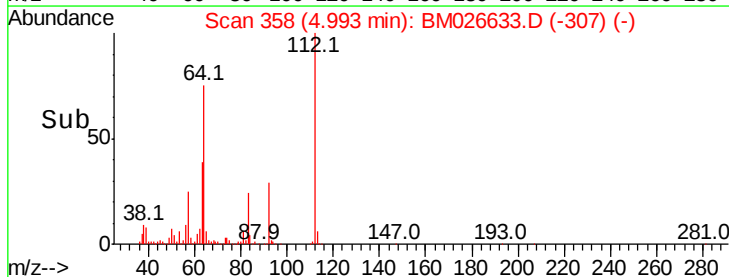
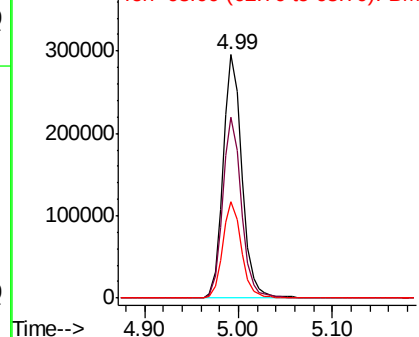


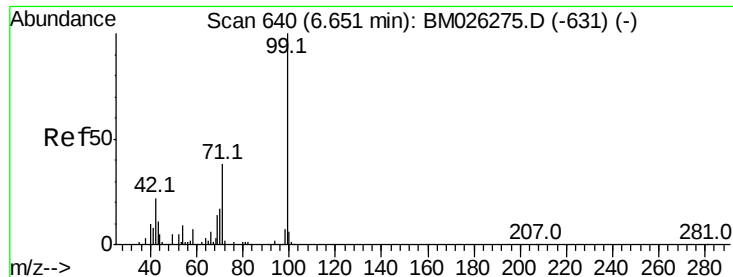
Abundance

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: 83.348 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

Instrument :

BNA_M

ClientSampleId :

SP2-F

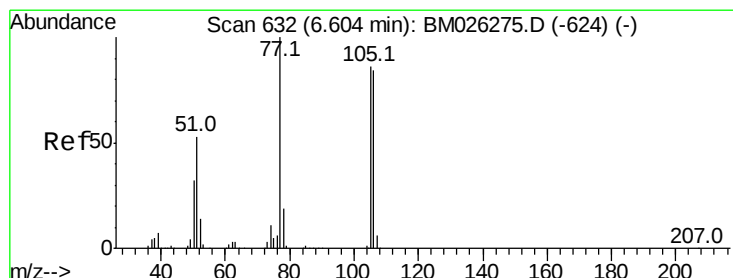
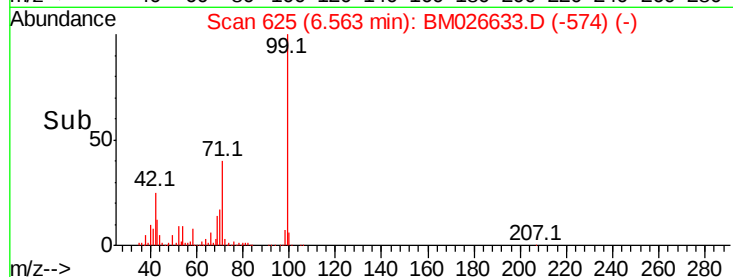
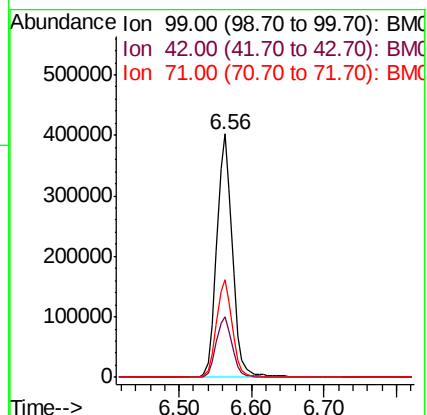
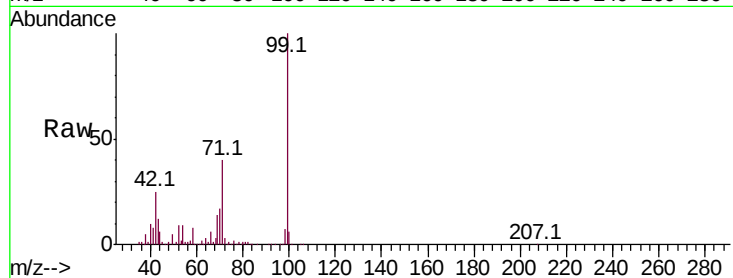
Tot Ion: 99 Resp: 605000

Ion Ratio Lower Upper

99 100

42 24.7 17.8 26.6

71 40.3 31.0 46.4



#9

Benzaldehyde

Concen: 2.076 ng

RT: 6.52 min Scan# 618

Delta R.T. 0.01 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

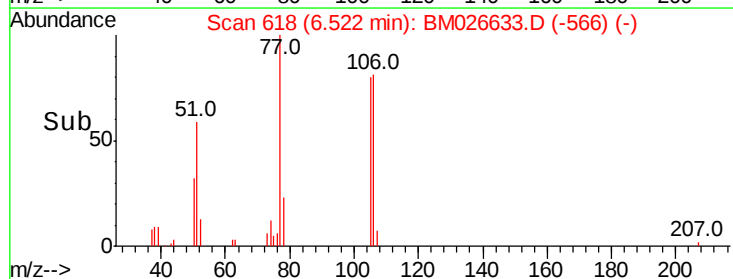
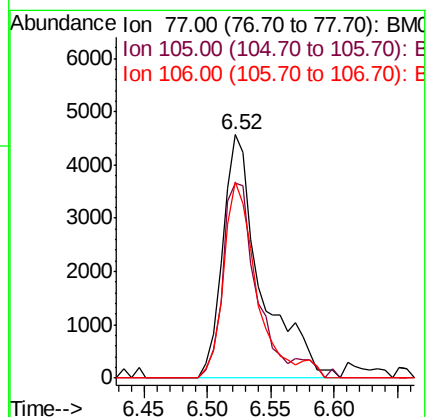
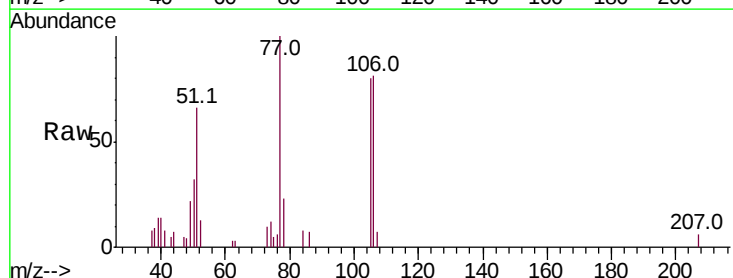
Tgt Ion: 77 Resp: 9607

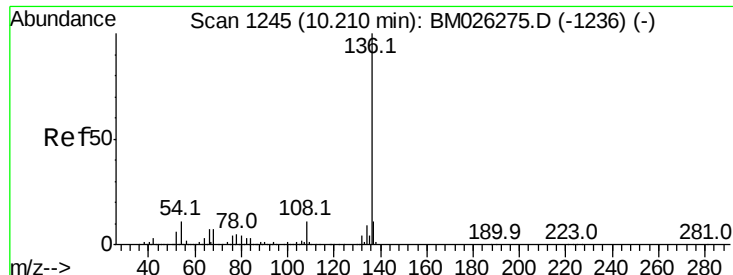
Ion Ratio Lower Upper

77 100

105 80.0 71.5 111.5

106 80.7 64.7 104.7

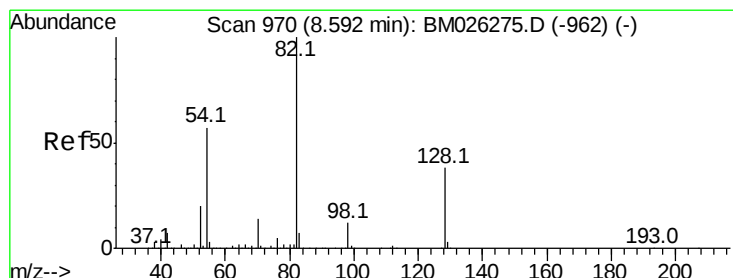
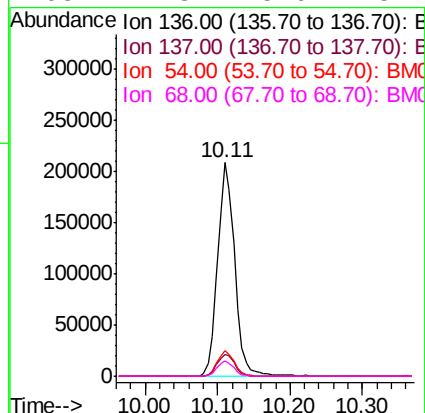
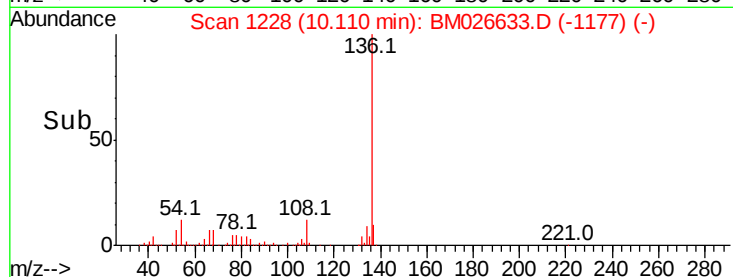
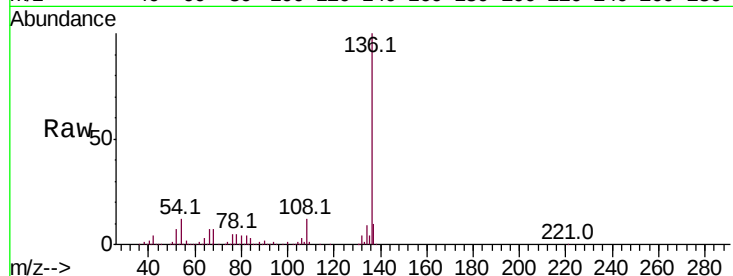




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.11 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

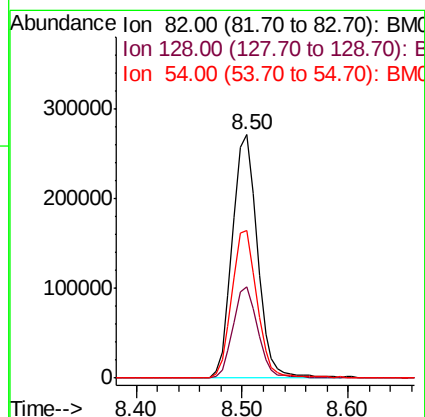
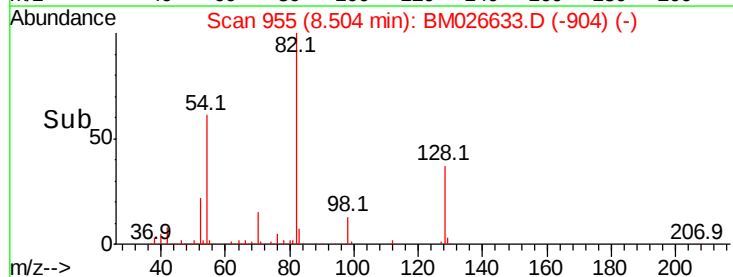
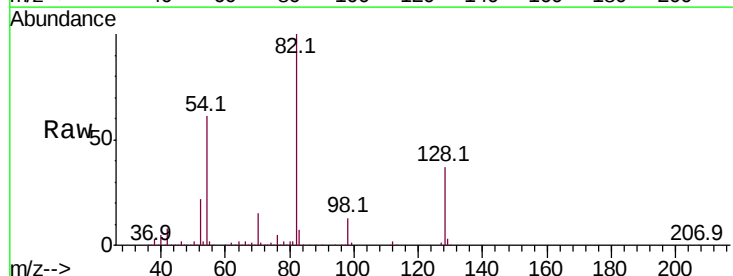
Instrument :
BNA_M
ClientSampleId :
SP2-F

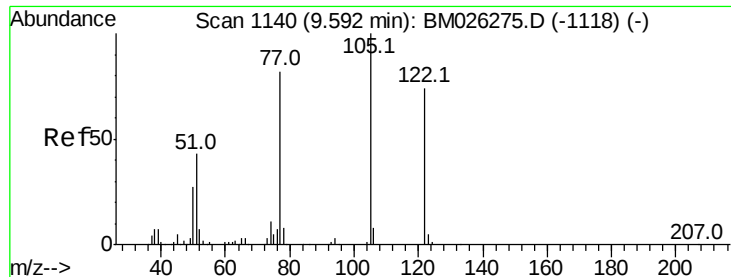
Tot Ion:136	Resp:	341015
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.5 12.7
54	11.8	9.0 13.6
68	7.3	5.6 8.4



#23
Nitrobenzene-d5
Concen: 64.547 ng
RT: 8.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion: 82	Resp:	448304
Ion	Ratio	Lower Upper
82	100	
128	37.4	31.0 46.6
54	60.8	45.4 68.2

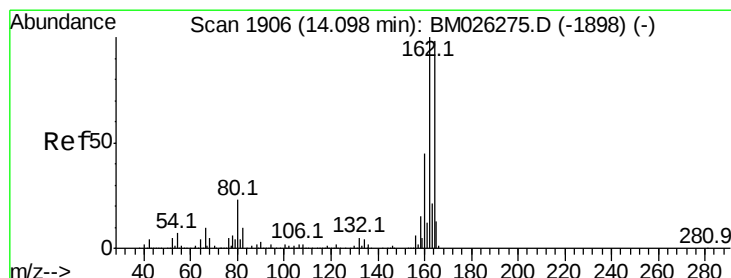
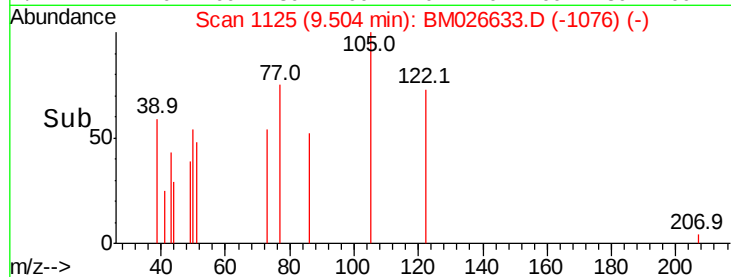
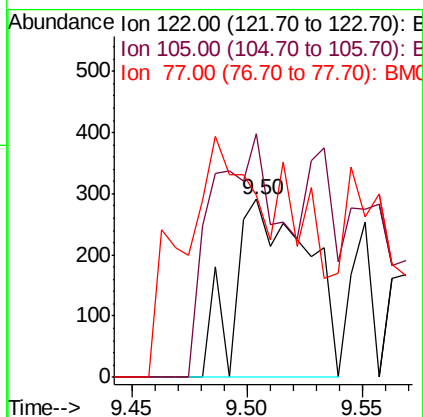
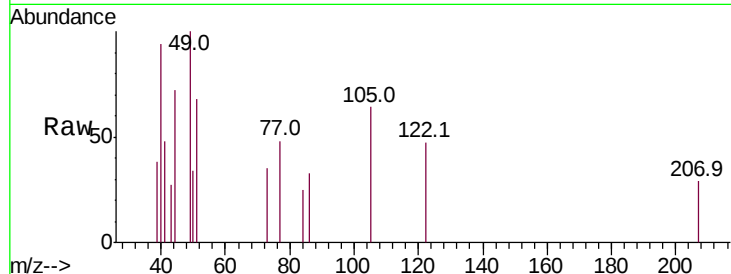




#32
Benzoic acid
Concen: 5.321 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

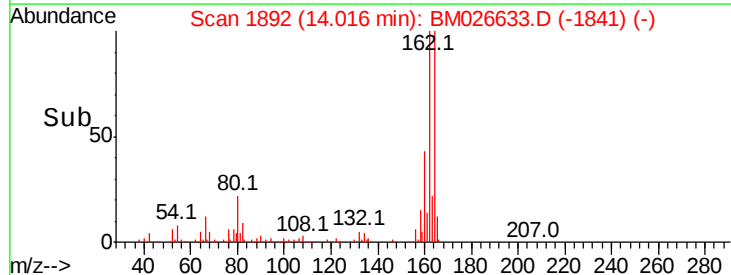
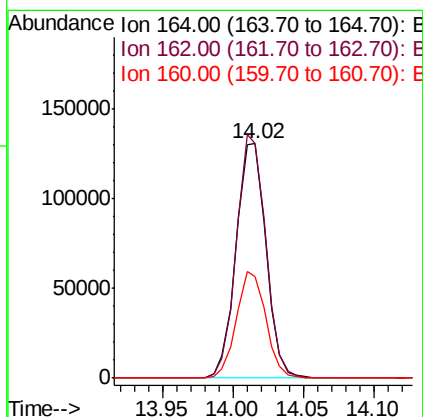
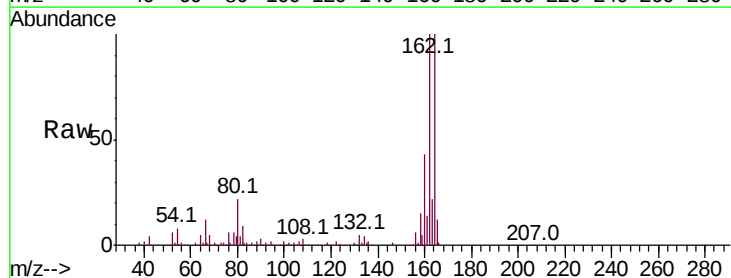
Instrument :
BNA_M
ClientSampleId :
SP2-F

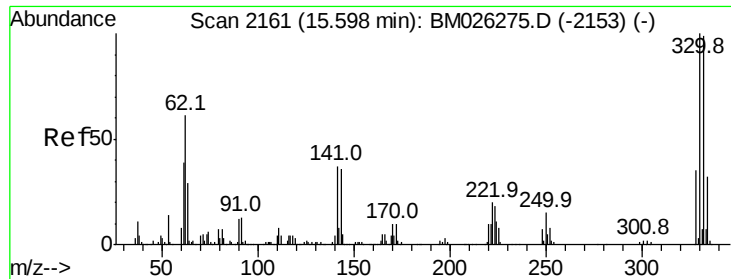
Tot Ion:122 Resp: 646
Ion Ratio Lower Upper
122 100
105 136.8 108.9 148.9
77 102.4 90.1 130.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:164 Resp: 193901
Ion Ratio Lower Upper
164 100
162 100.2 77.7 116.5
160 43.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 88.232 ng

RT: 15.52 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

Instrument :

BNA_M

ClientSampleId :

SP2-F

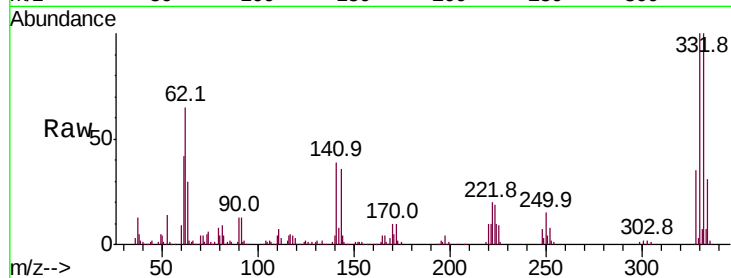
Tot Ion:330 Resp: 207241

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

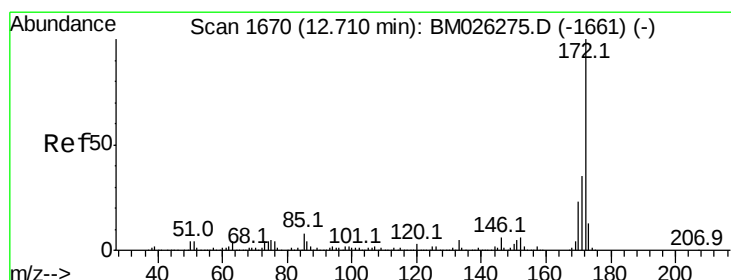
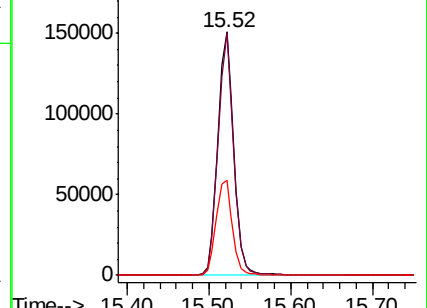
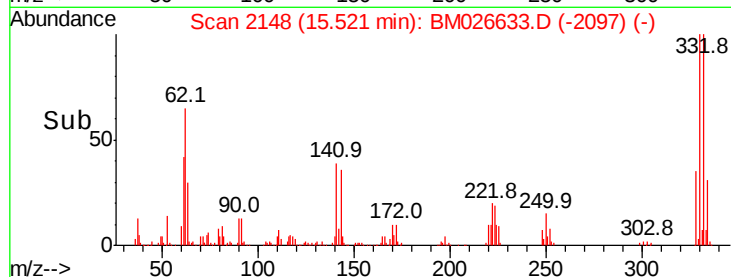
141 39.8 29.7 44.5



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: 66.376 ng

RT: 12.62 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

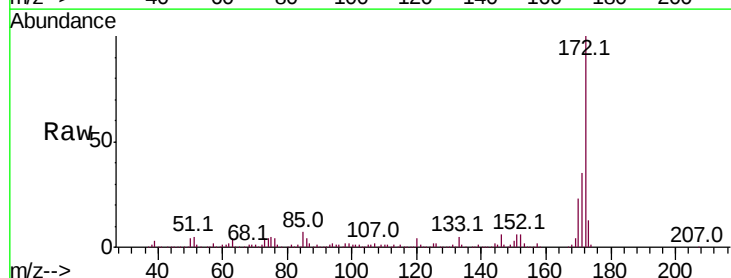
Tgt Ion:172 Resp: 847866

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

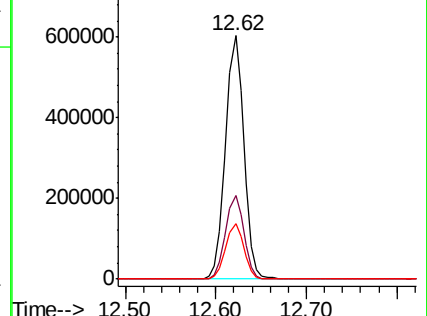
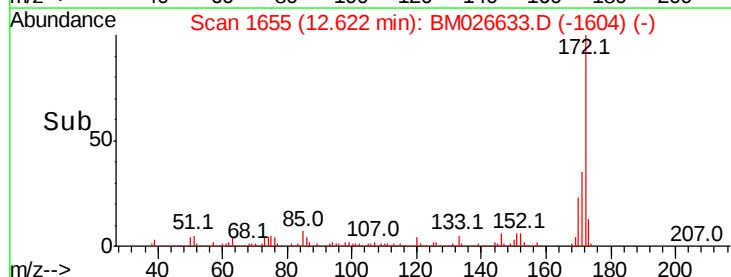
170 23.0 18.2 27.4

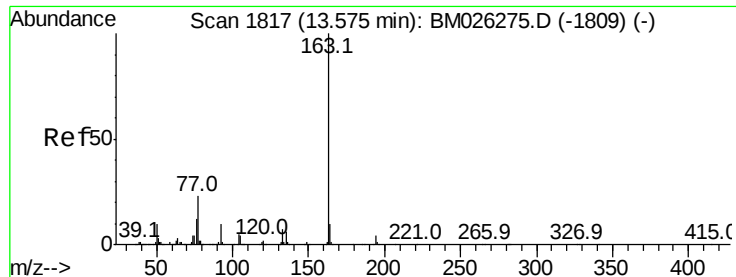


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.889 ng

RT: 13.49 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

Instrument :

BNA_M

ClientSampleId :

SP2-F

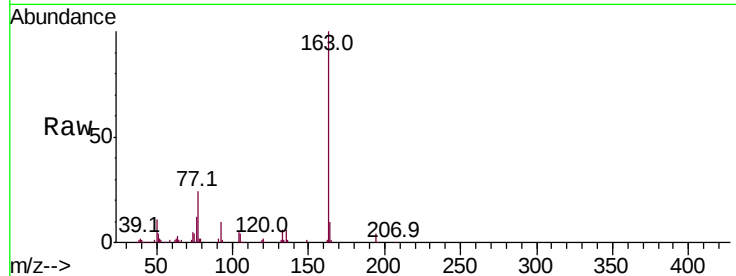
Tot Ion:163 Resp: 111890

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

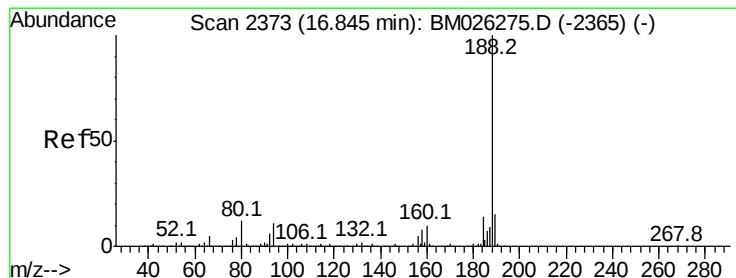
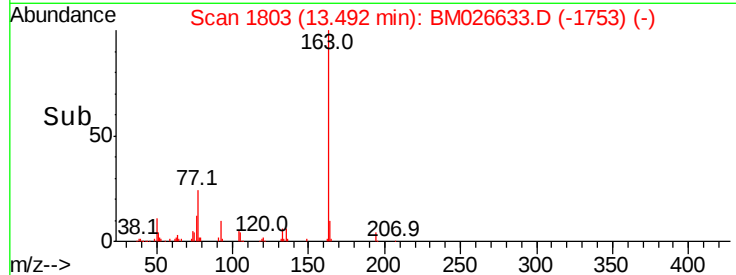
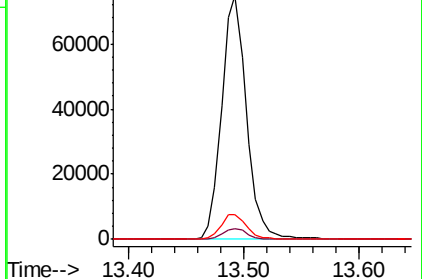
164 10.3 7.8 11.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.77 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

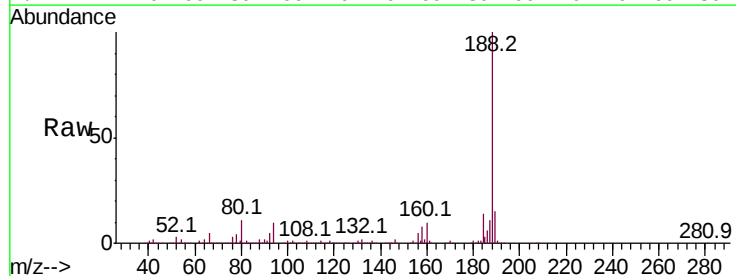
Tgt Ion:188 Resp: 386529

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

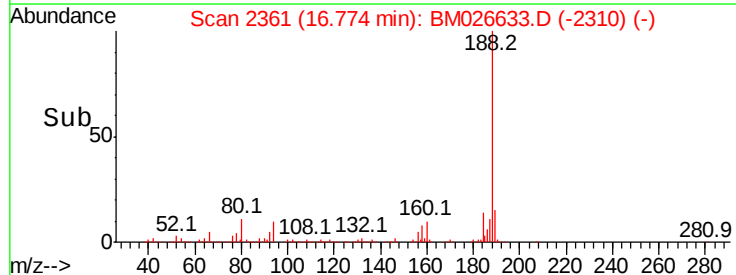
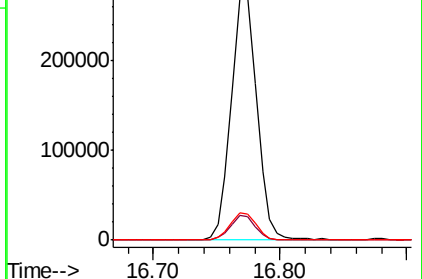
80 10.8 9.5 14.3

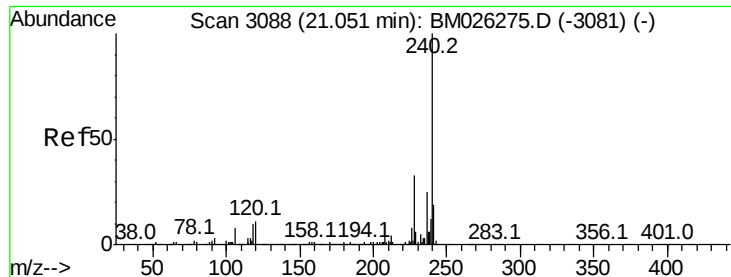


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

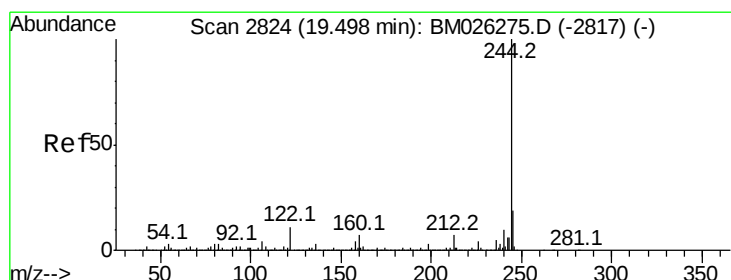
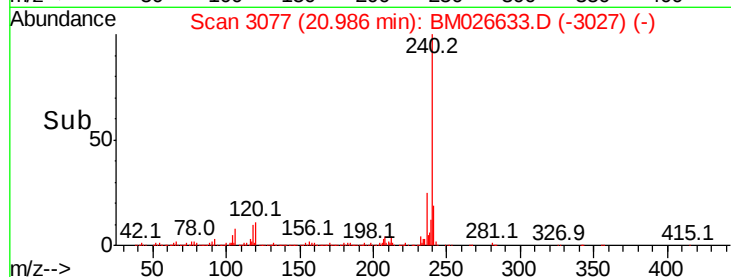
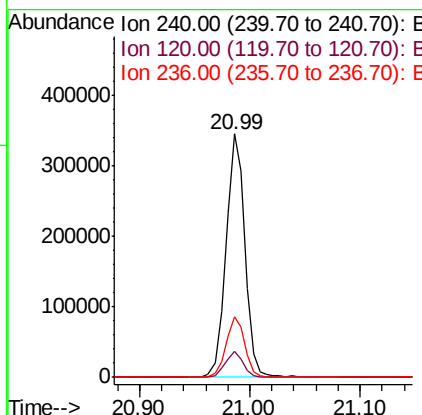
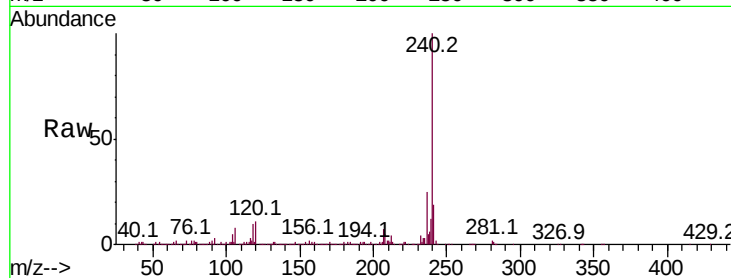




#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

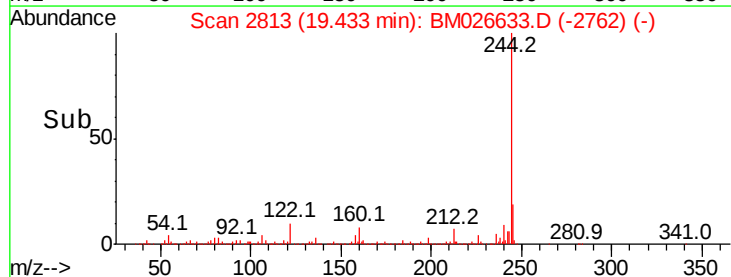
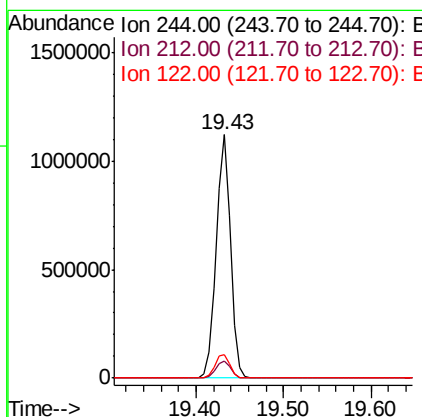
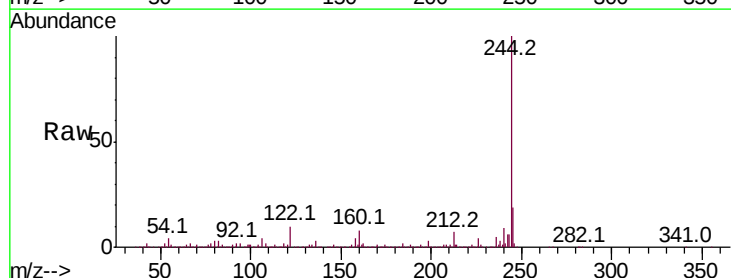
Instrument :
BNA_M
ClientSampleId :
SP2-F

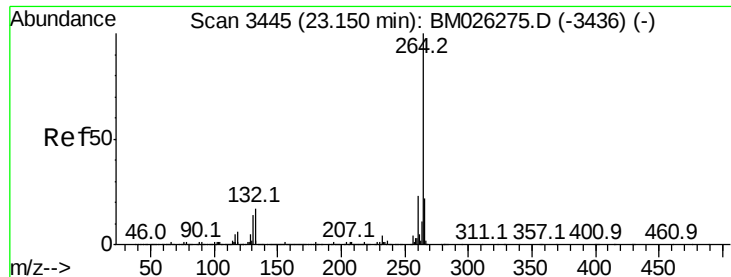
Tot Ion:240 Resp: 413041
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 25.0 19.4 29.0



#79
Terphenyl-d14
Concen: 60.060 ng
RT: 19.43 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:244 Resp: 1277956
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.8 8.6 13.0

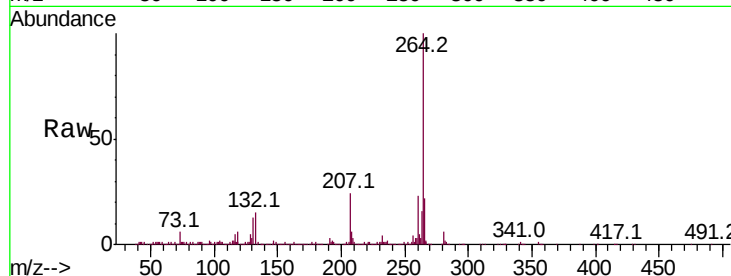




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.07 min Scan# 3431
 Delta R.T. 0.00 min
 Lab File: BM026633.D
 Acq: 01 Jul 2020 12:29

Instrument :
 BNA_M
 ClientSampleId :
 SP2-F

Tot Ion:264 Resp: 437221
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.5 17.8 26.6



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

