

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
 Data File : BM026393.D
 Acq On : 15 Jun 2020 16:08
 Operator : JU/CG
 Sample : L3005-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW002-200611

Quant Time: Jun 15 18:58:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 12:22:53 2020
 Response via : Initial Calibration

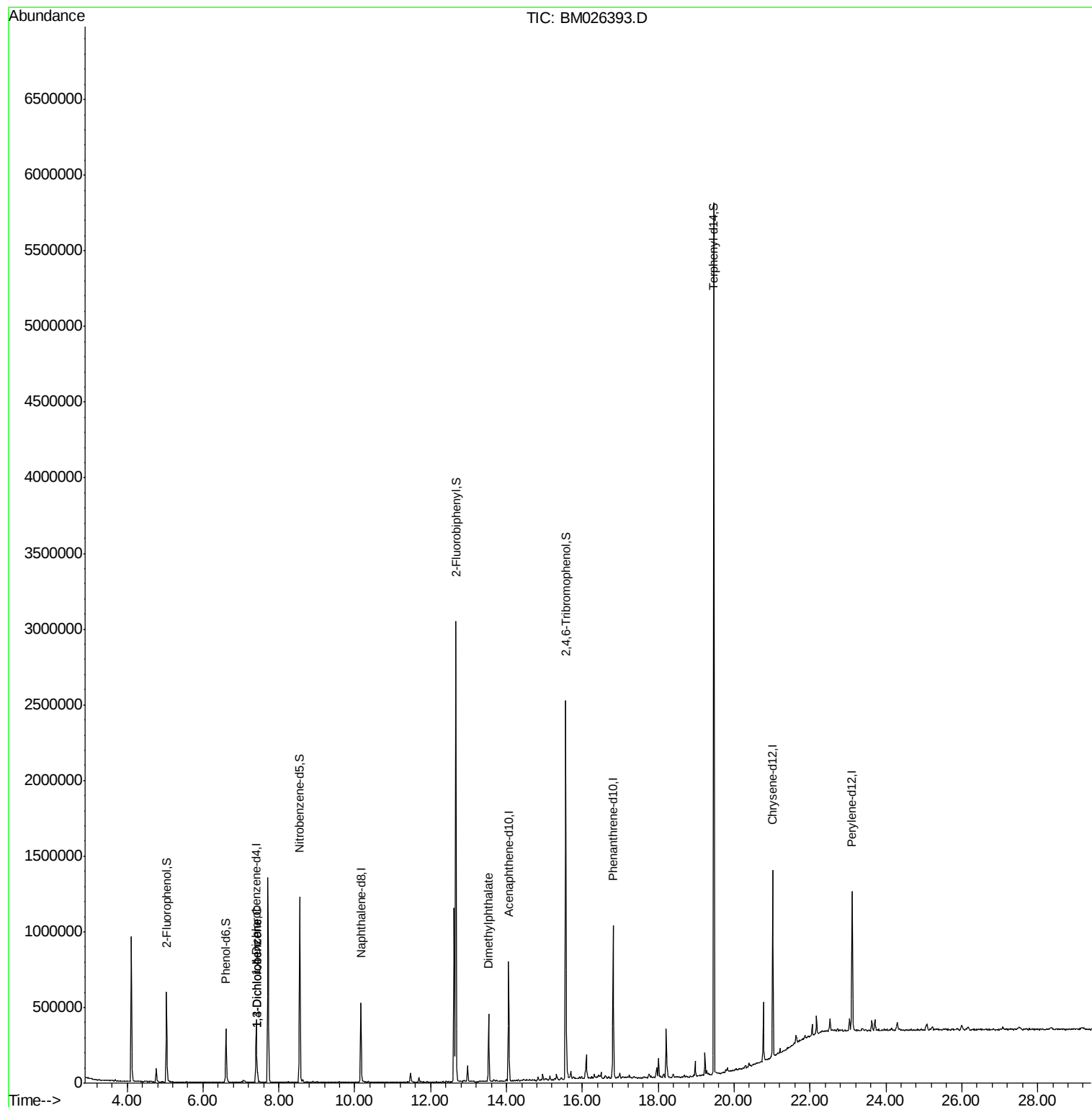
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	94846	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	388758	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	238446	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	521658	20.00	ng	0.00
76) Chrysene-d12	21.02	240	542900	20.00	ng	0.00
86) Perylene-d12	23.11	264	579236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	219026	40.83	ng	0.00
7) Phenol-d6	6.61	99	180767	23.27	ng	0.00
23) Nitrobenzene-d5	8.55	82	643904	81.32	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	408432	141.40	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1418520	90.30	ng	0.00
79) Terphenyl-d14	19.47	244	2477928	88.60	ng	0.00
Target Compounds						
12) 1,3-Dichlorobenzene	7.44	146	22179	3.238	ng	95
13) 1,4-Dichlorobenzene	7.44	146	22179	3.178	ng	96
50) Dimethylphthalate	13.53	163	258136	14.801	ng	99

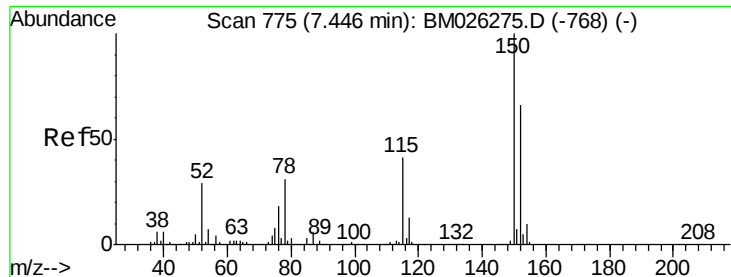
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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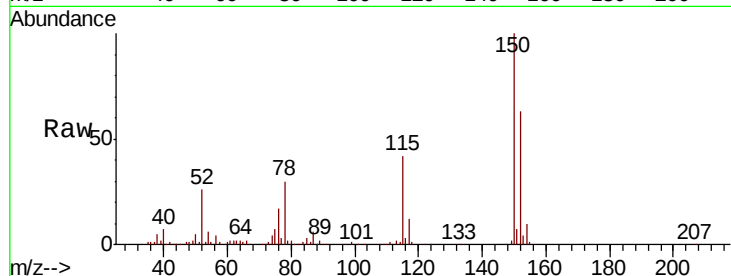


#1

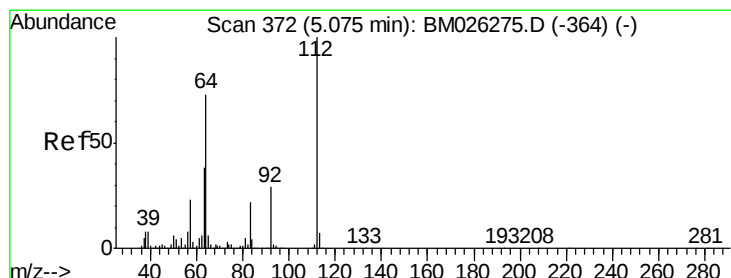
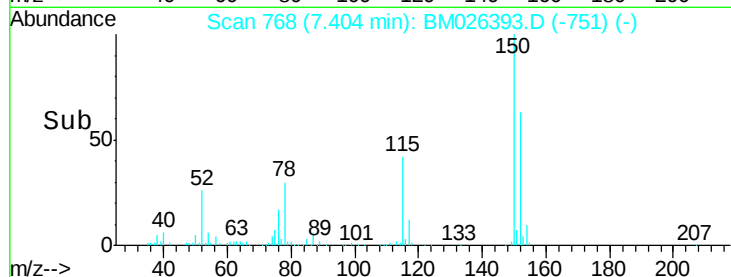
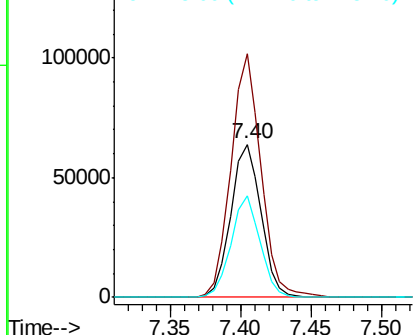
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Instrument :
BNA_M
ClientSampleId :
LF001MW002-200611

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.8	191.6
115	66.3	51.5	77.3



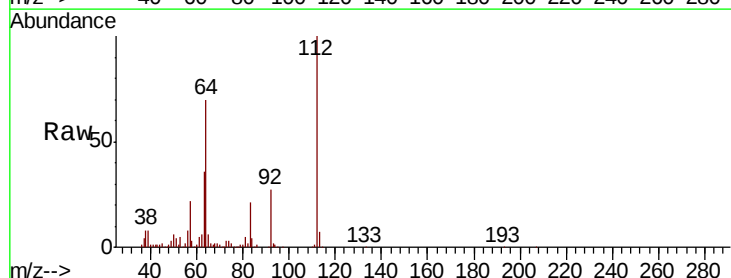
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



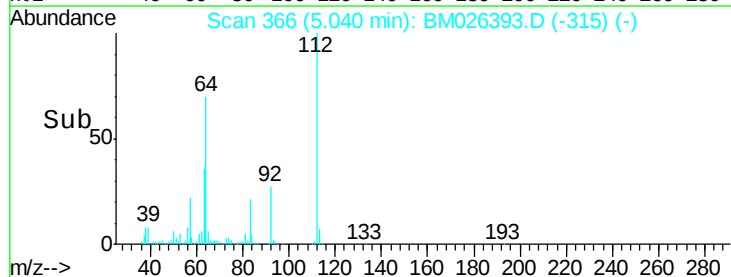
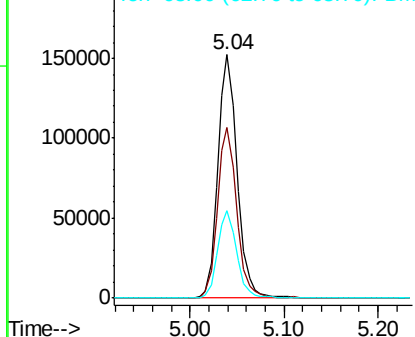
#5

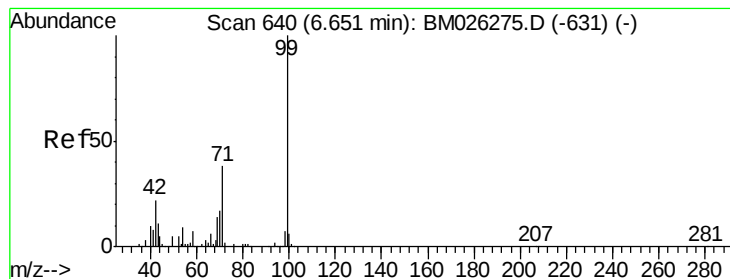
2-Fluorophenol
Concen: 40.829 ng
RT: 5.04 min Scan# 366
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.0	84.0
63	36.0	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: 23.271 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

Instrument :

BNA_M

ClientSampleId :

LF001MW002-200611

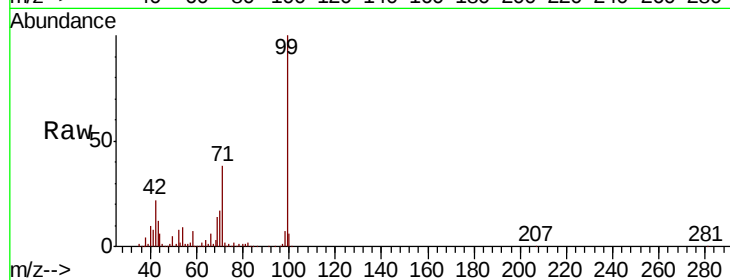
Tot Ion: 99 Resp: 180767

Ion Ratio Lower Upper

99 100

42 22.0 17.8 26.6

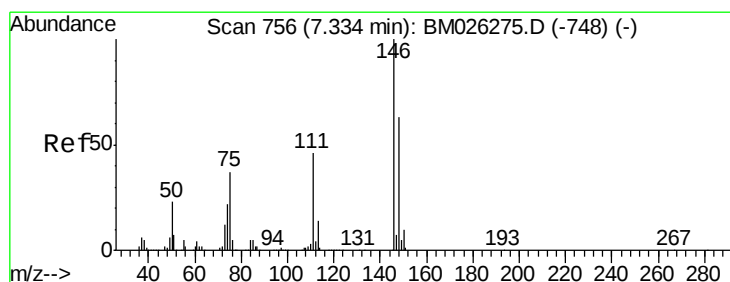
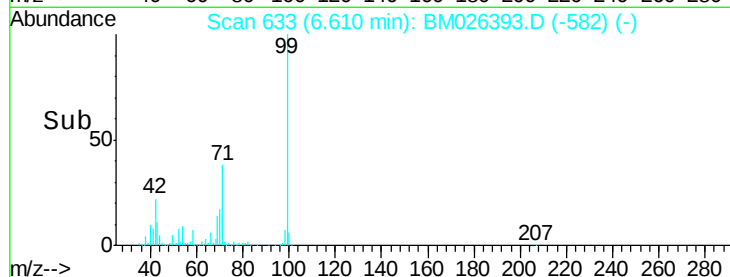
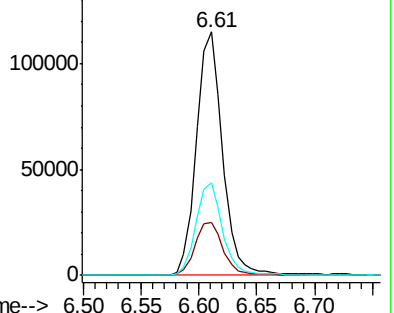
71 38.3 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026393.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026393.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026393.D (-631) (-)



#12

1,3-Dichlorobenzene

Concen: 3.238 ng

RT: 7.44 min Scan# 774

Delta R.T. 0.15 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

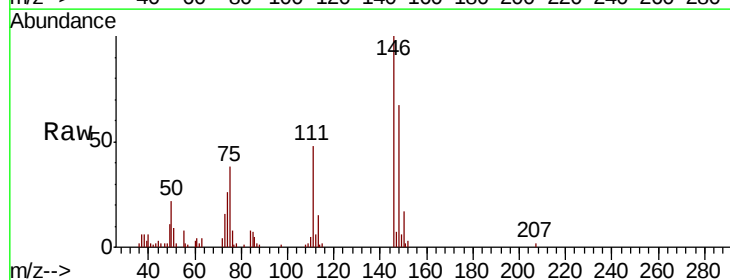
Tgt Ion: 146 Resp: 22179

Ion Ratio Lower Upper

146 100

148 67.0 50.3 75.5

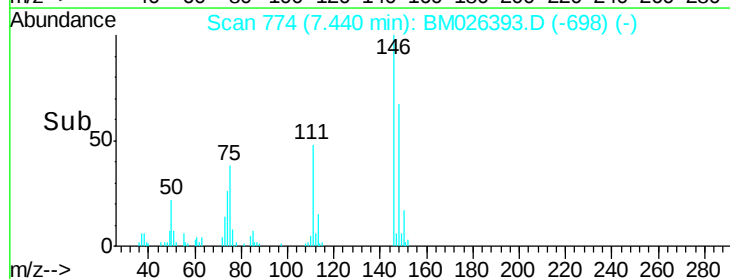
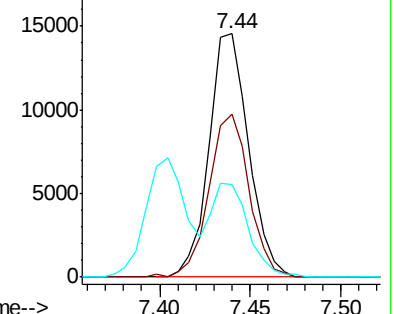
75 38.3 29.0 43.6

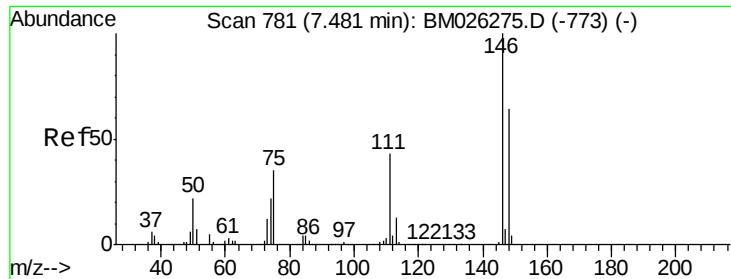


Abundance Ion 146.00 (145.70 to 146.70): BM026393.D (-698) (-)

Ion 148.00 (147.70 to 148.70): BM026393.D (-698) (-)

Ion 75.00 (74.70 to 75.70): BM026393.D (-698) (-)

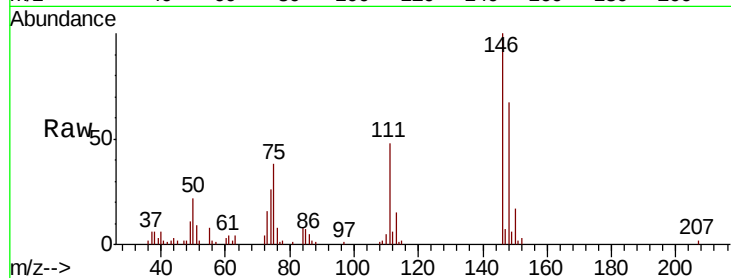




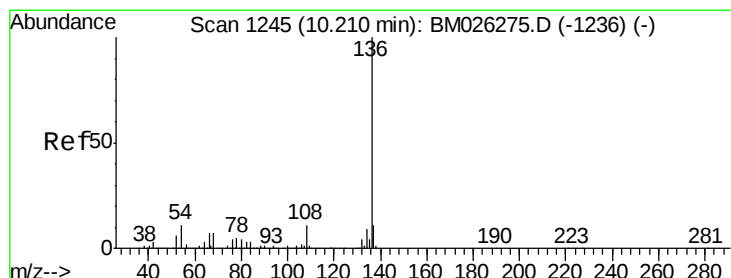
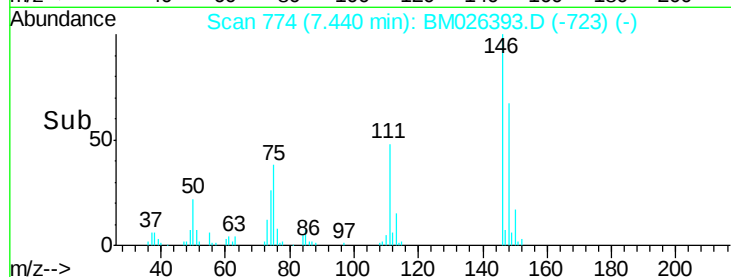
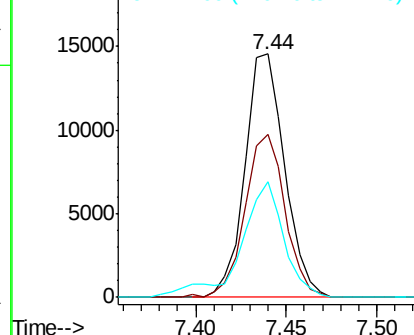
#13
1,4-Dichlorobenzene
Concen: 3.178 ng
RT: 7.44 min Scan# 774
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Instrument :
BNA_M
ClientSampleId :
LF001MW002-200611

Tot Ion:146 Resp: 22179
Ion Ratio Lower Upper
146 100
148 67.0 52.2 78.2
111 47.6 34.9 52.3

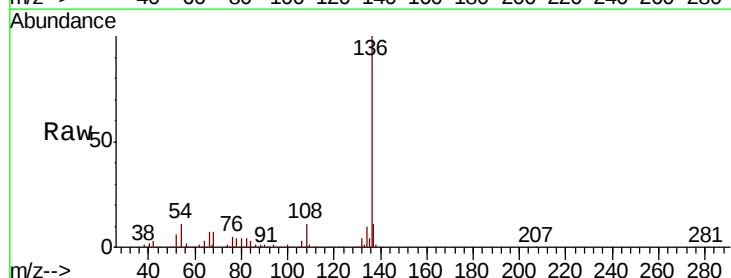


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

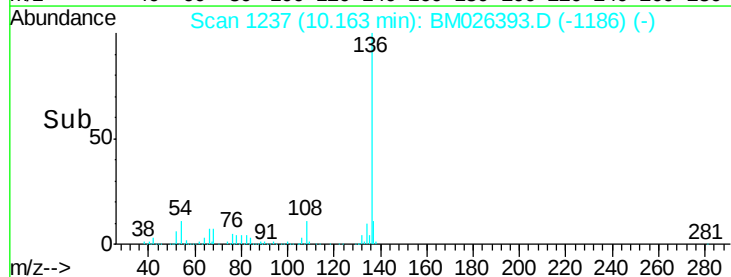
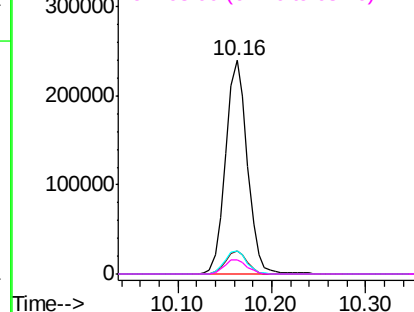


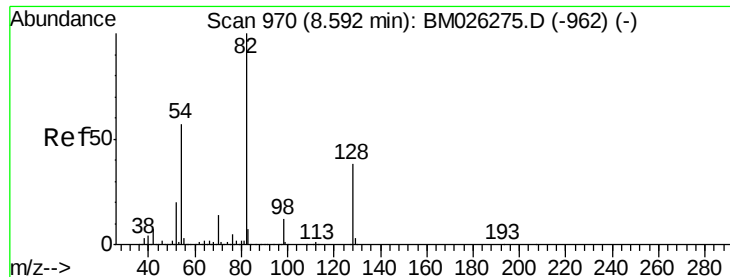
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.16 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Tgt Ion:136 Resp: 388758
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.6 9.0 13.6
68 6.8 5.6 8.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

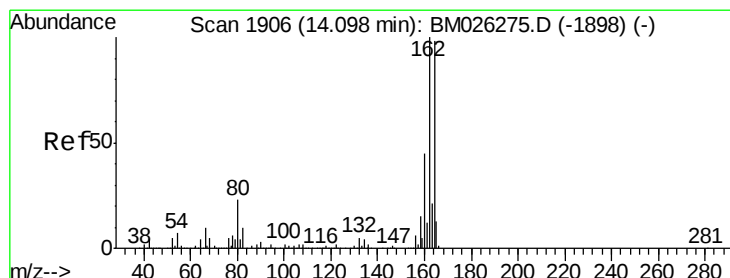
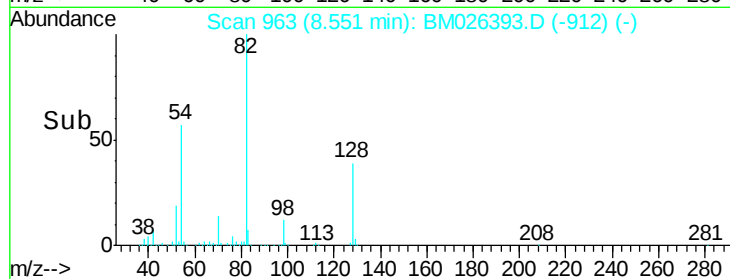
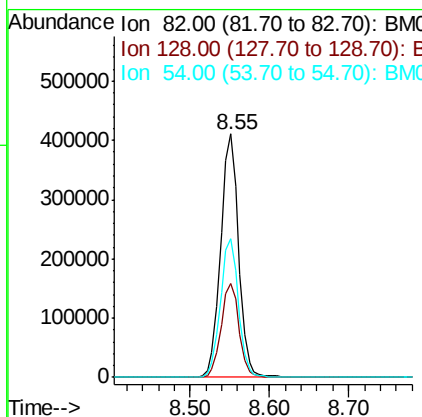
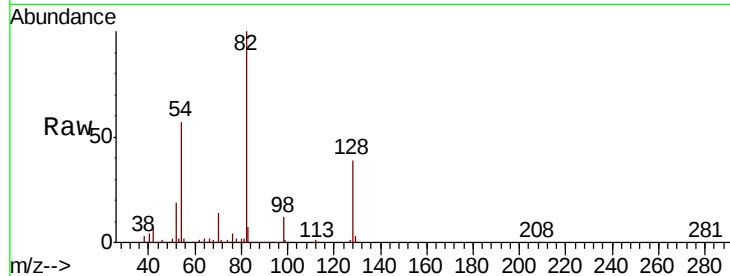




#23
 Nitrobenzene-d5
 Concen: 81.324 ng
 RT: 8.55 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BM026393.D
 Acq: 15 Jun 2020 16:08

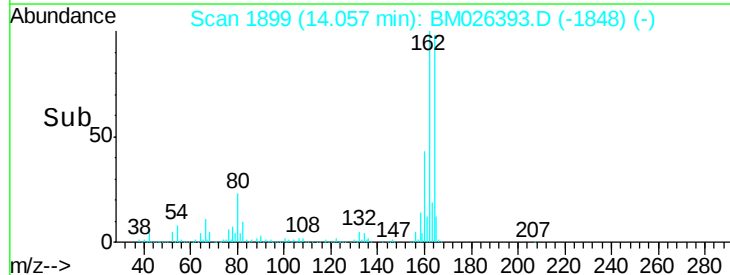
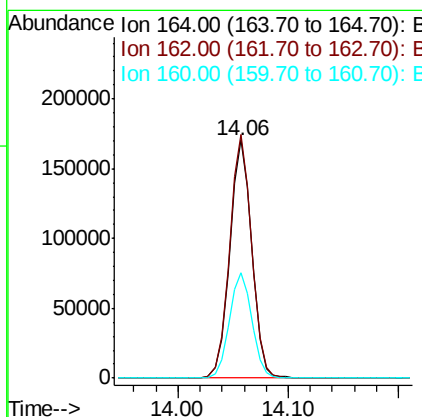
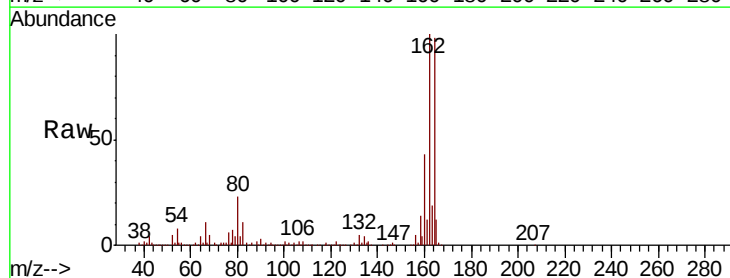
Instrument :
 BNA_M
 ClientSampleId :
 LF001MW002-200611

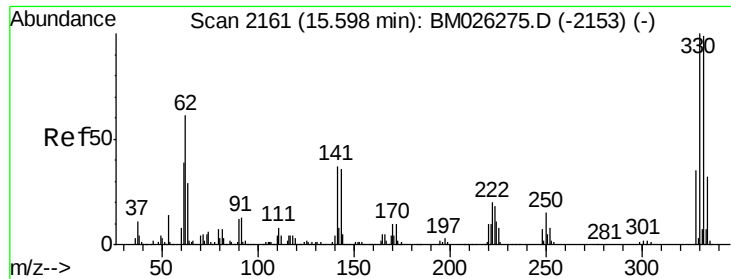
Tot Ion	82	Resp	643904
Ion Ratio	Lower	Upper	
82	100		
128	38.7	31.0	46.6
54	57.0	45.4	68.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.06 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BM026393.D
 Acq: 15 Jun 2020 16:08

Tgt Ion	164	Resp	238446
Ion Ratio	Lower	Upper	
164	100		
162	102.3	77.7	116.5
160	44.1	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 141.403 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

Instrument :

BNA_M

ClientSampleId :

LF001MW002-200611

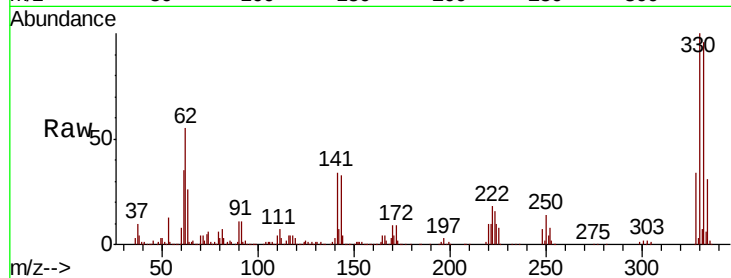
Tot Ion:330 Resp: 408432

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

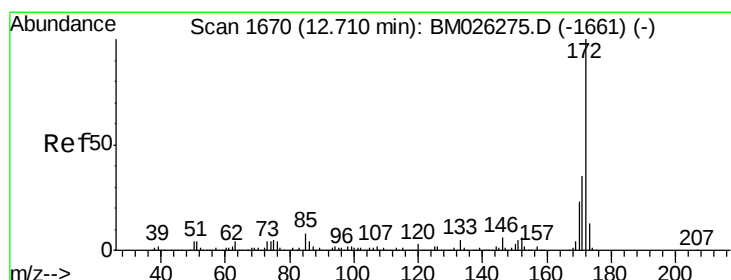
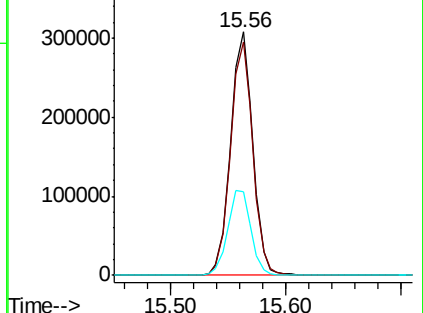
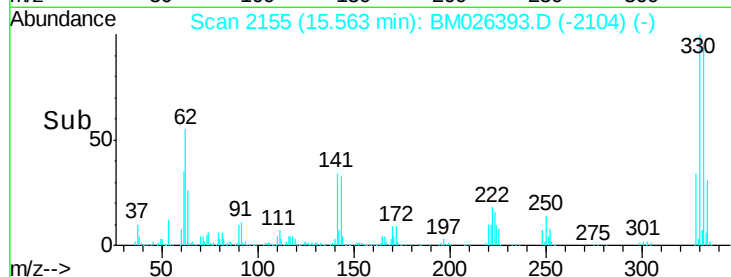
141 36.9 29.7 44.5



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: 90.304 ng

RT: 12.67 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

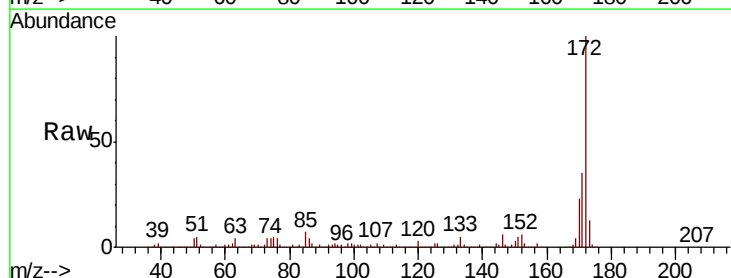
Tgt Ion:172 Resp: 1418520

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

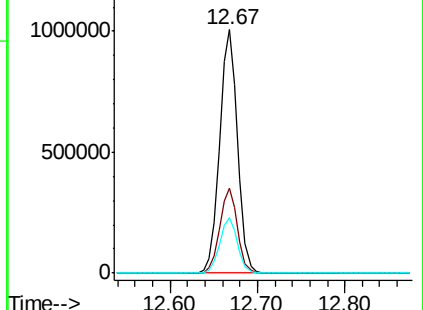
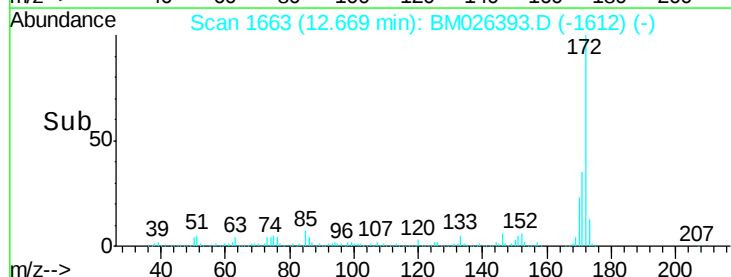
170 22.7 18.2 27.4

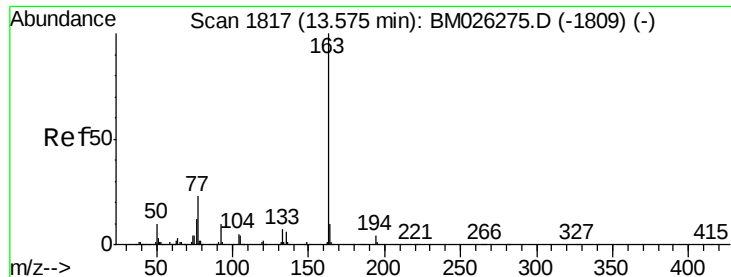


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.801 ng

RT: 13.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

Instrument :

BNA_M

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LF001MW002-200611

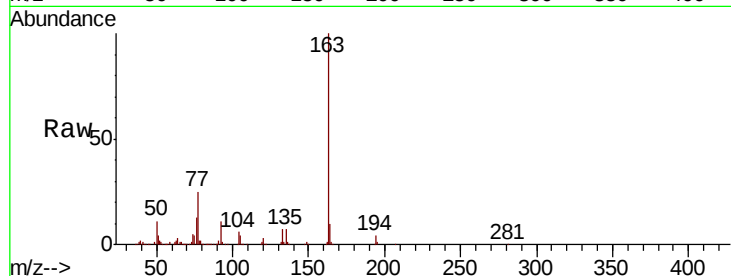
Tot Ion:163 Resp: 258136

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

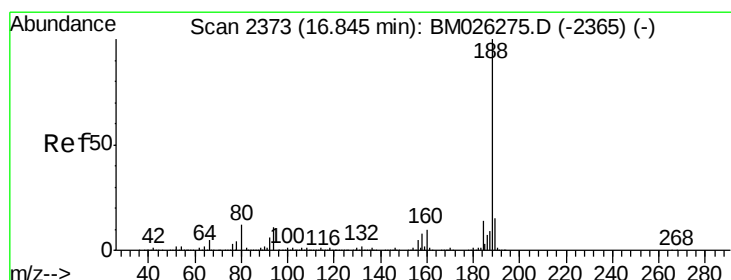
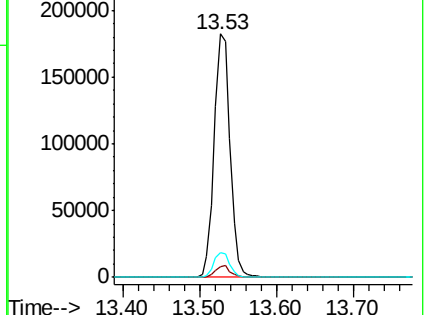
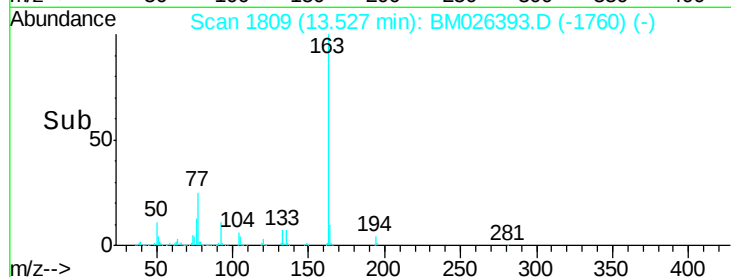
164 10.3 7.8 11.8



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: 16.81 min Scan# 2367

Delta R.T. -0.01 min

Lab File: BM026393.D

Acq: 15 Jun 2020 16:08

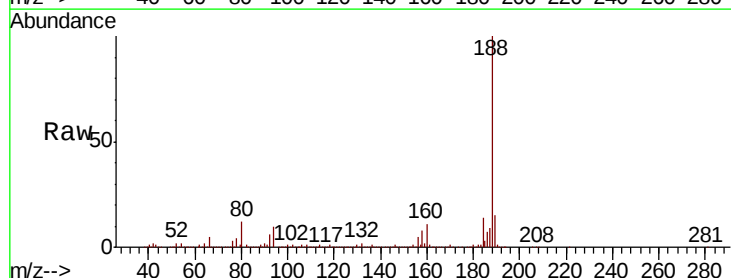
Tgt Ion:188 Resp: 521658

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

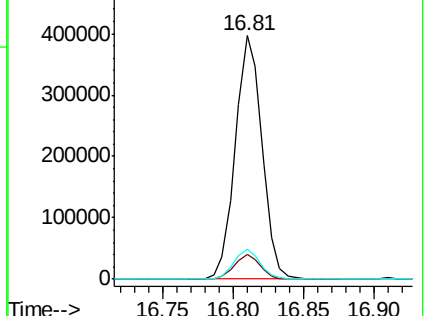
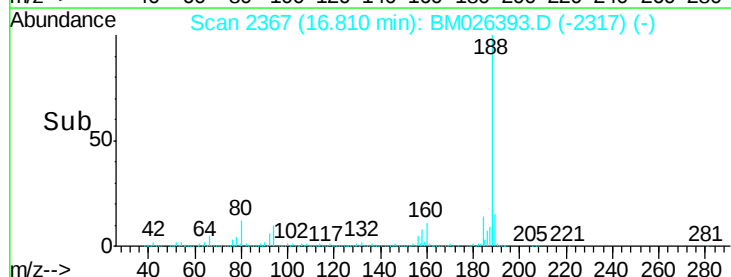
80 12.1 9.5 14.3

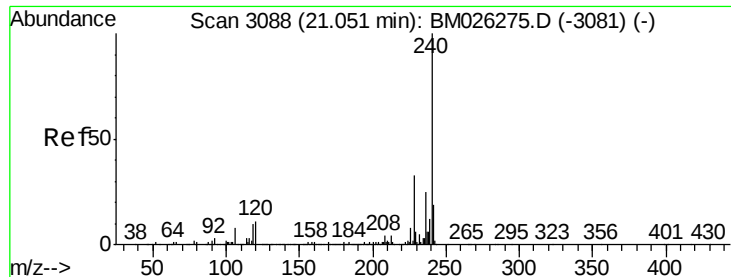


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

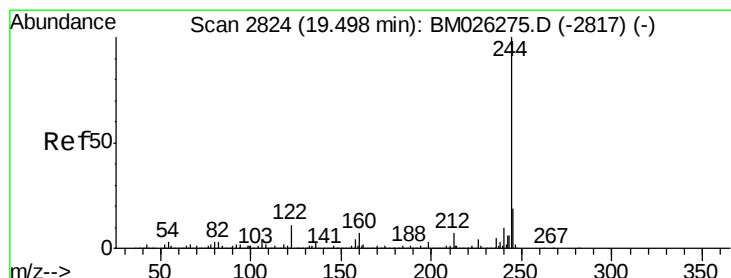
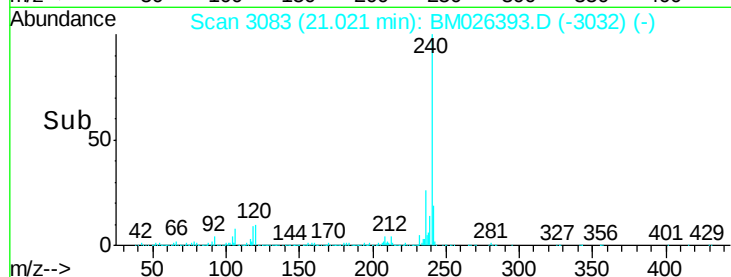
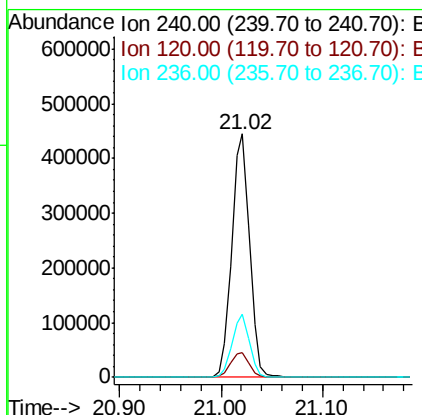
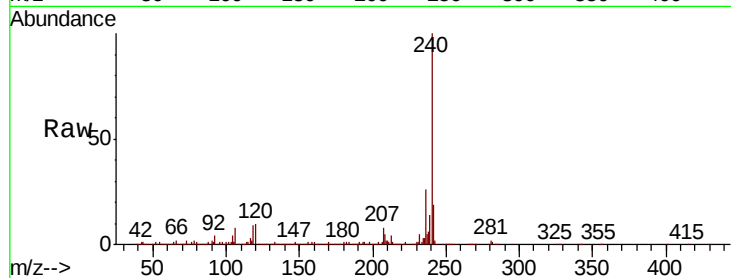




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

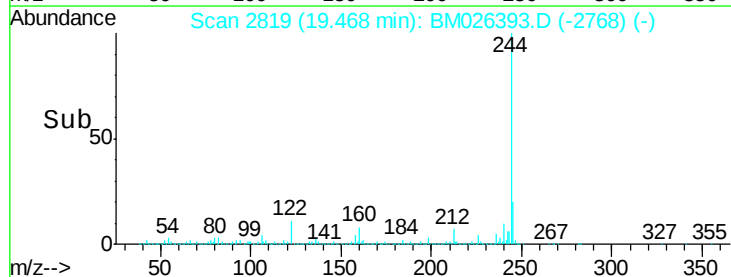
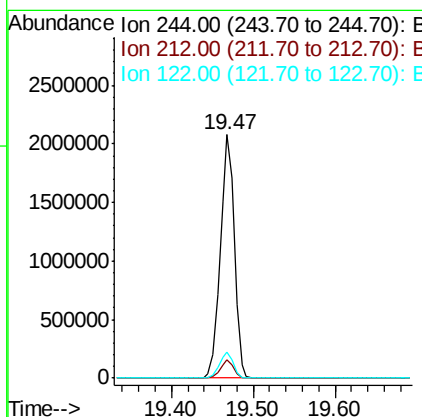
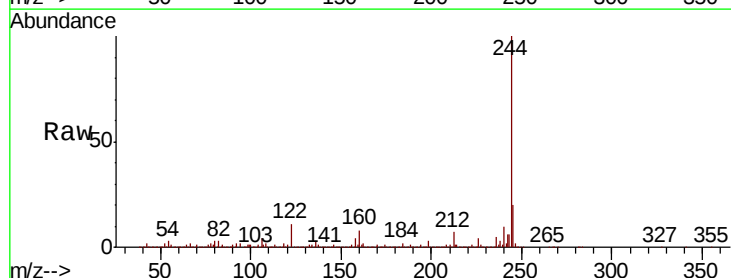
Instrument :
BNA_M
ClientSampleId :
LF001MW002-200611

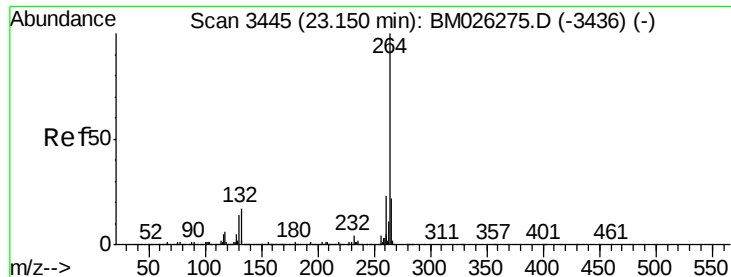
Tot Ion:240 Resp: 542900
Ion Ratio Lower Upper
240 100
120 10.2 9.3 13.9
236 25.7 19.4 29.0



#79
Terphenyl-d14
Concen: 88.600 ng
RT: 19.47 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Tgt Ion:244 Resp: 2477928
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.6 8.6 13.0

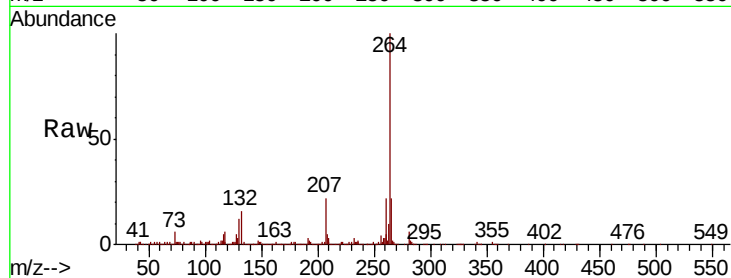




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.11 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM026393.D
Acq: 15 Jun 2020 16:08

Instrument :
BNA_M
ClientSampleId :
LF001MW002-200611

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	22.3	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

