

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
 Data File : BM026386.D
 Acq On : 15 Jun 2020 11:43
 Operator : JU/CG
 Sample : PB129511BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129511BL

Quant Time: Jun 15 12:30:53 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	102774	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	404442	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	247307	20.00	ng	0.00
64) Phenanthrene-d10	16.82	188	543728	20.00	ng	0.00
76) Chrysene-d12	21.02	240	574545	20.00	ng	0.00
86) Perylene-d12	23.11	264	619776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	799801	137.59	ng	0.00
7) Phenol-d6	6.61	99	1086261	129.05	ng	0.00
23) Nitrobenzene-d5	8.55	82	752804	91.39	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	438829	146.48	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1531647	94.01	ng	0.00
79) Terphenyl-d14	19.47	244	2762989	93.35	ng	0.00

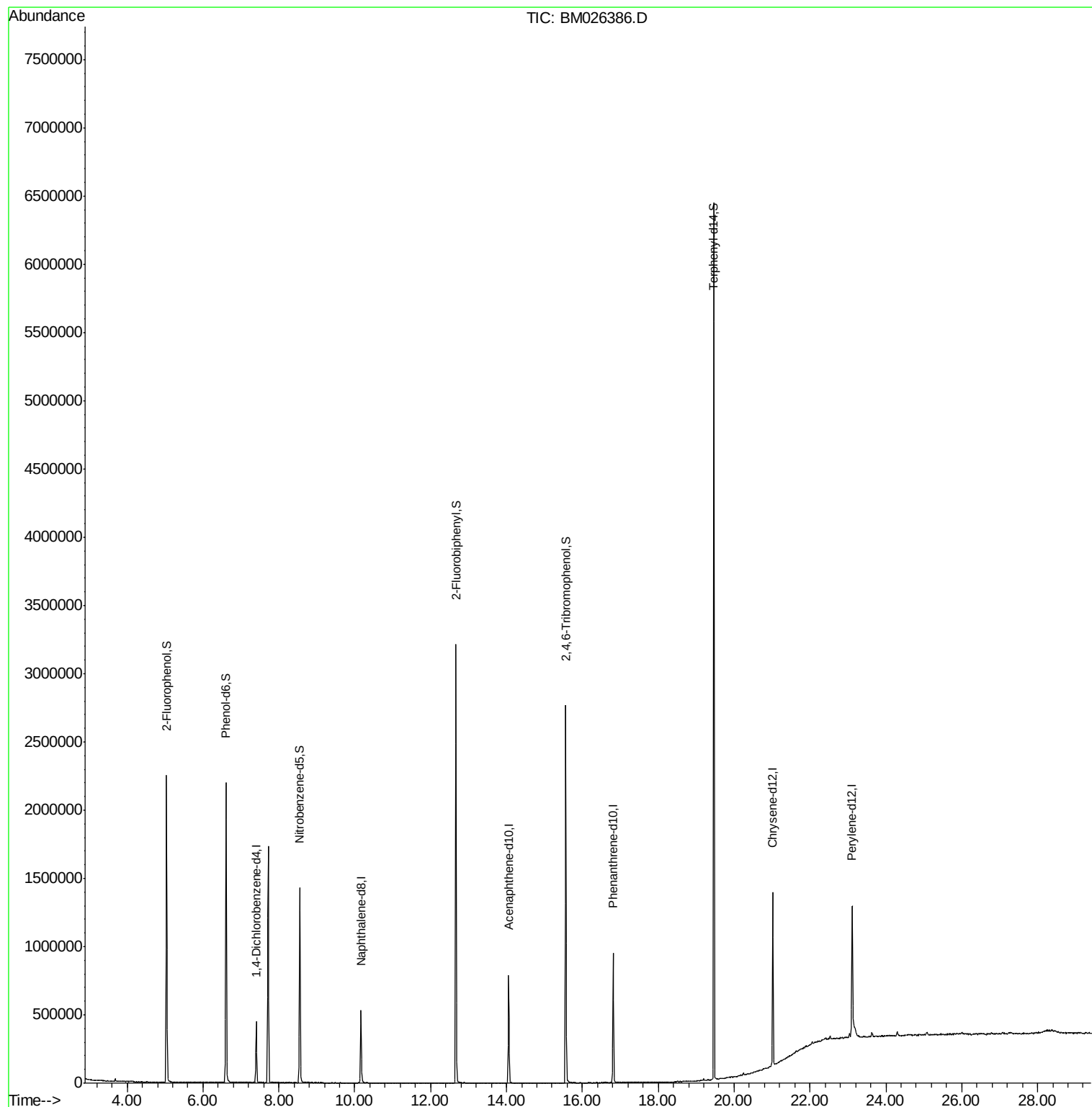
Target Compounds Qvalue

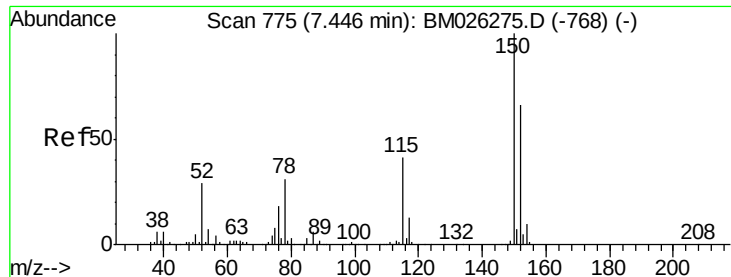
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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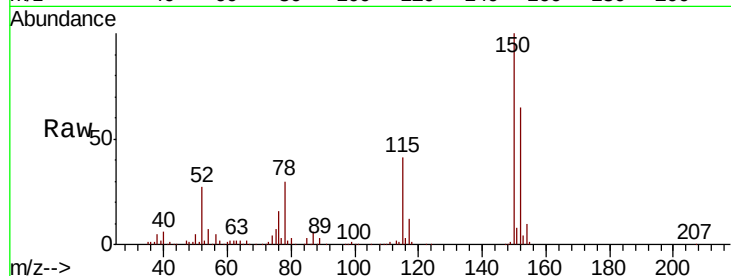


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM026386.D
Acq: 15 Jun 2020 11:43

Instrument :
BNA_M
ClientSampleId :
PB129511BL

Tot Ion	152	Resp	102774
Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.8	191.6
115	63.3	51.5	77.3

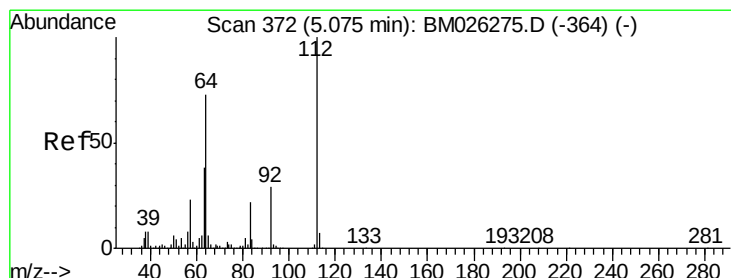
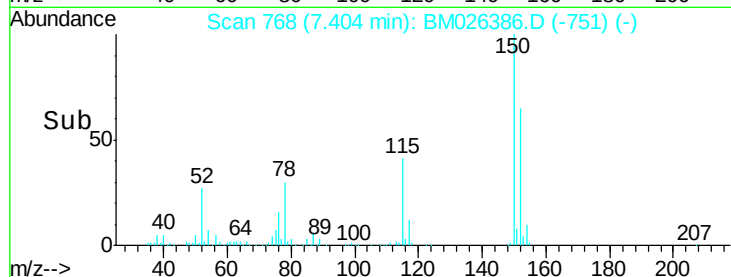
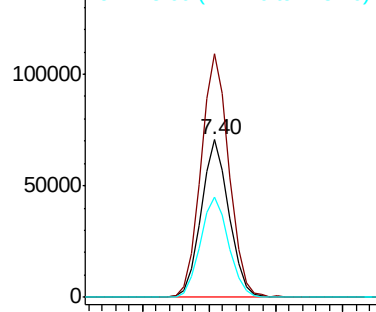


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

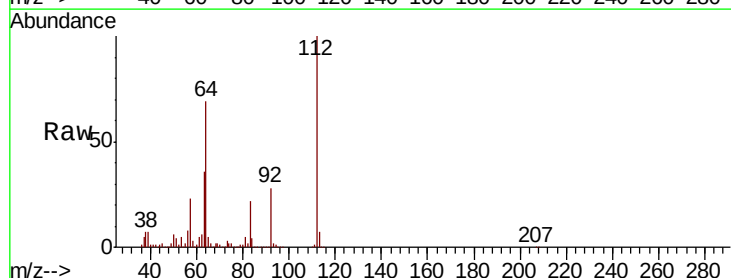
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.591 ng
RT: 5.04 min Scan# 366
Delta R.T. 0.00 min
Lab File: BM026386.D
Acq: 15 Jun 2020 11:43

Tgt Ion	112	Resp	799801
Ion	Ratio	Lower	Upper
112	100		
64	69.3	56.0	84.0
63	36.3	29.0	43.6

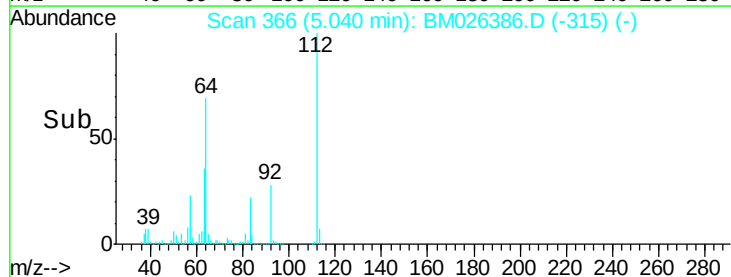
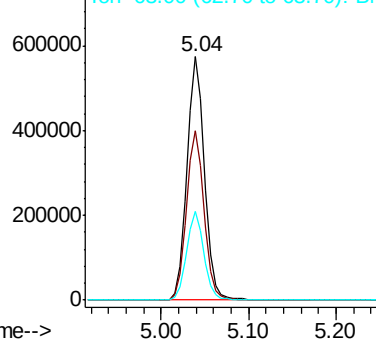


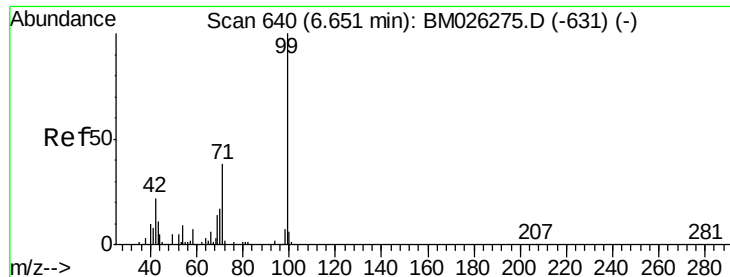
Abundance

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: 129.050 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026386.D

Acq: 15 Jun 2020 11:43

Instrument :

BNA_M

ClientSampleId :

PB129511BL

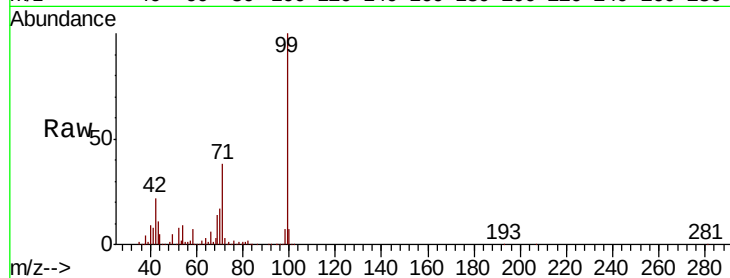
Tot Ion: 99 Resp: 1086261

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): BM026386.D (-582) (-)

Ion 42.00 (41.70 to 42.70): BM026386.D (-582) (-)

Ion 71.00 (70.70 to 71.70): BM026386.D (-582) (-)

6.61

800000

600000

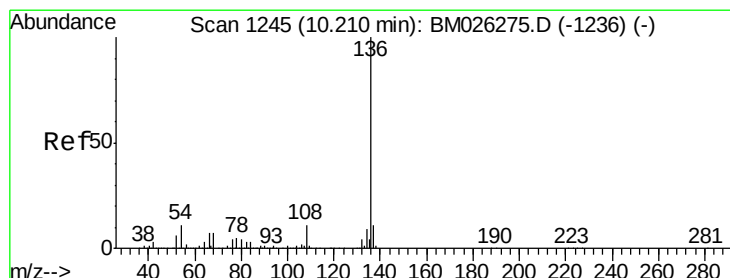
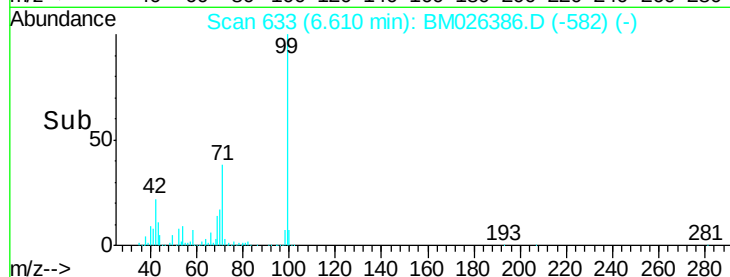
400000

200000

0

6.50 6.60 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.16 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BM026386.D

Acq: 15 Jun 2020 11:43

Tgt Ion: 136 Resp: 404442

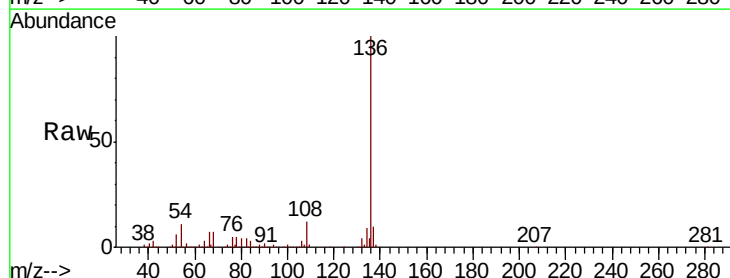
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 11.3 9.0 13.6

68 6.7 5.6 8.4



Abundance Ion 136.00 (135.70 to 136.70): BM026386.D (-1186) (-)

Ion 137.00 (136.70 to 137.70): BM026386.D (-1186) (-)

Ion 54.00 (53.70 to 54.70): BM026386.D (-1186) (-)

Ion 68.00 (67.70 to 68.70): BM026386.D (-1186) (-)

10.16

300000

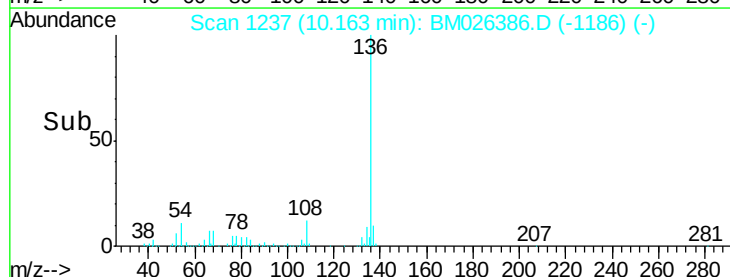
200000

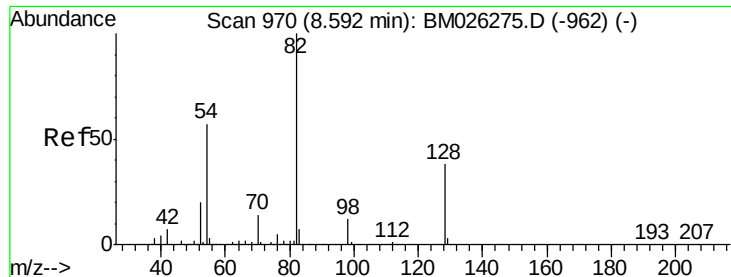
100000

0

10.10 10.20 10.30

Time-->

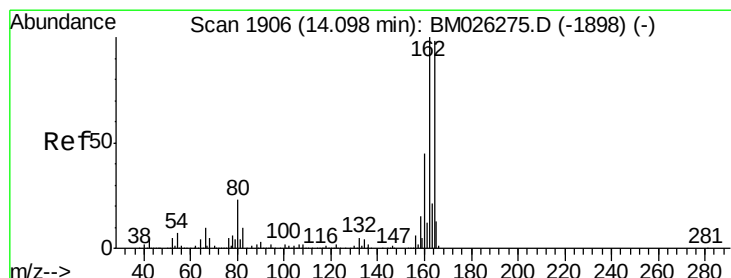
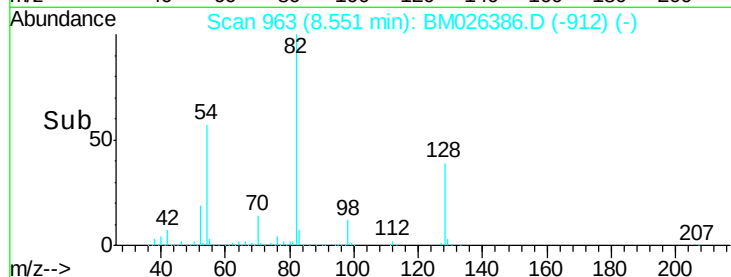
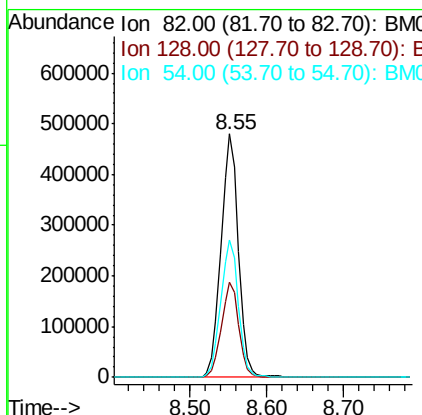
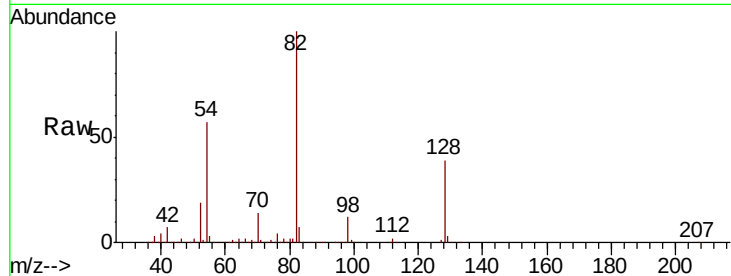




#23
Nitrobenzene-d5
Concen: 91.391 ng
RT: 8.55 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM026386.D
Acq: 15 Jun 2020 11:43

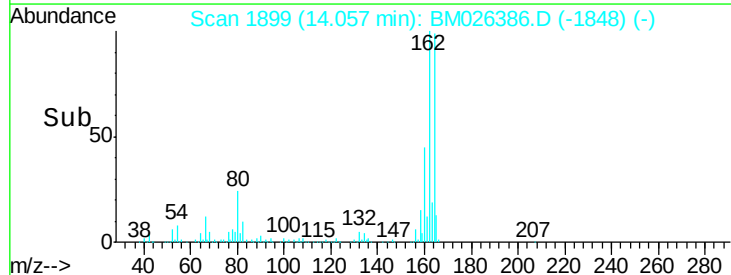
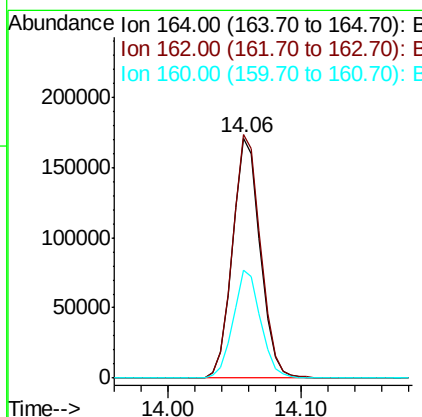
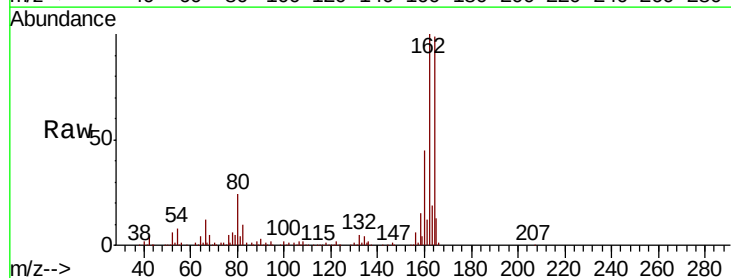
Instrument :
BNA_M
ClientSampleId :
PB129511BL

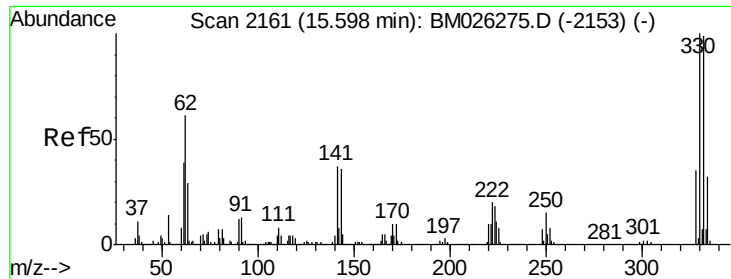
Tot Ion	82	Resp	752804
Ion Ratio	Lower	Upper	
82	100		
128	38.9	31.0	46.6
54	56.6	45.4	68.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.06 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM026386.D
Acq: 15 Jun 2020 11:43

Tgt Ion	164	Resp	247307
Ion Ratio	Lower	Upper	
164	100		
162	101.4	77.7	116.5
160	45.1	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 146.484 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026386.D

Acq: 15 Jun 2020 11:43

Instrument :

BNA_M

ClientSampleId :

PB129511BL

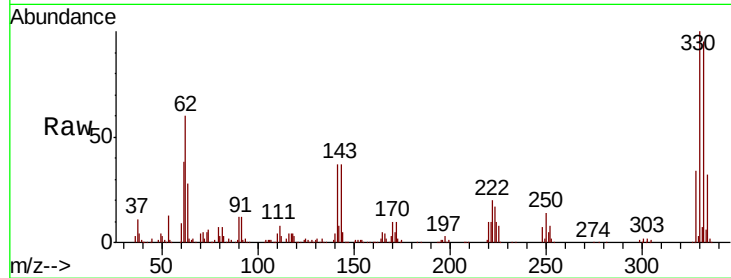
Tot Ion:330 Resp: 438829

Ion Ratio Lower Upper

330 100

332 96.0 77.7 116.5

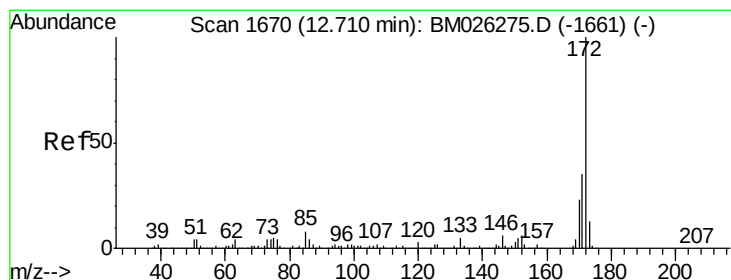
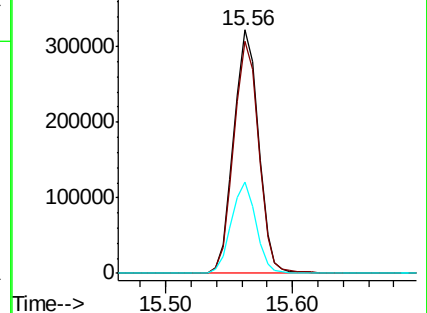
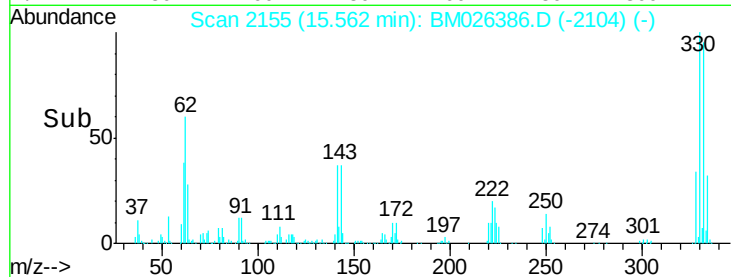
141 37.0 29.7 44.5



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: 94.012 ng

RT: 12.67 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BM026386.D

Acq: 15 Jun 2020 11:43

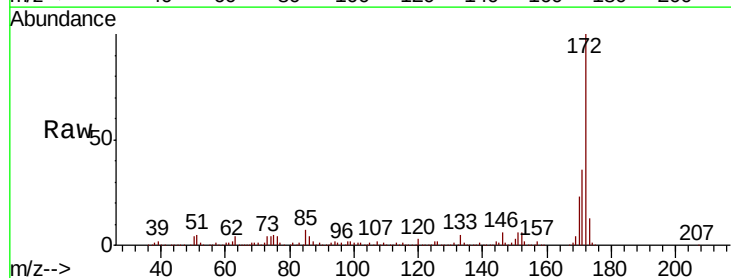
Tgt Ion:172 Resp: 1531647

Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.8

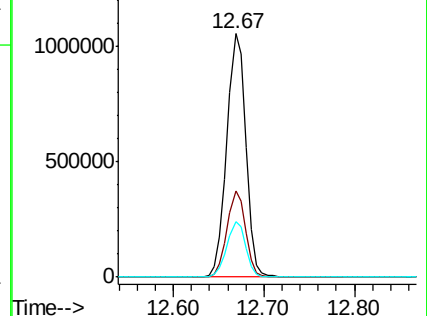
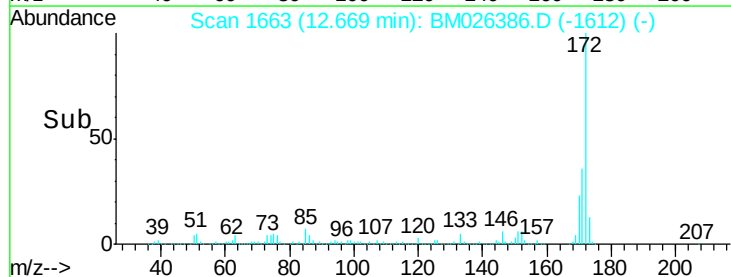
170 22.8 18.2 27.4

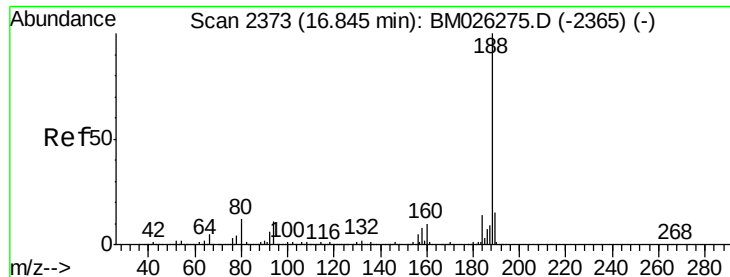


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

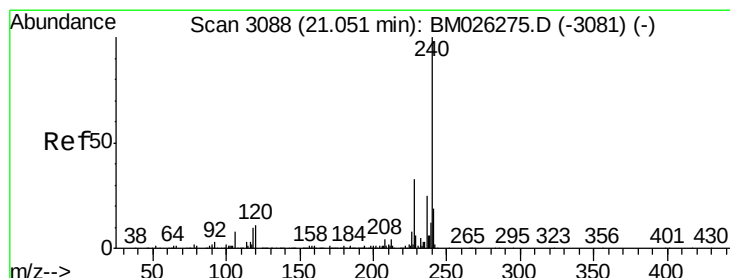
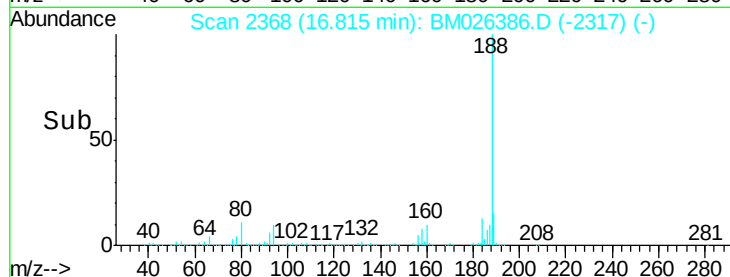
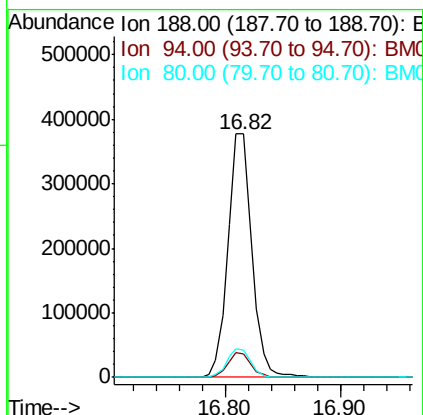
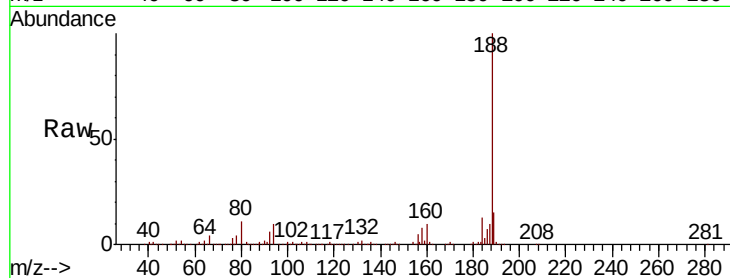




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.82 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM026386.D
Acq: 15 Jun 2020 11:43

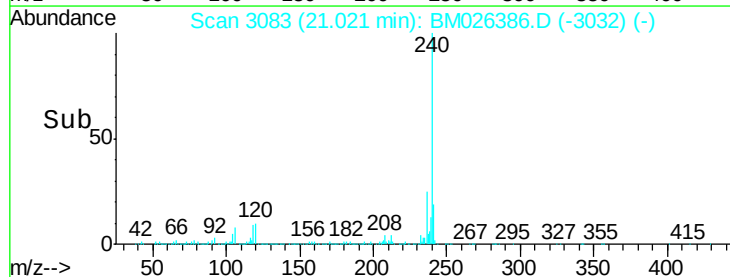
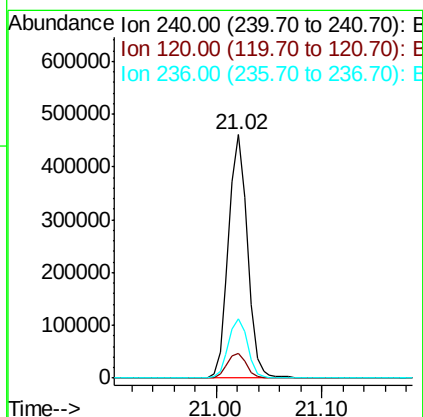
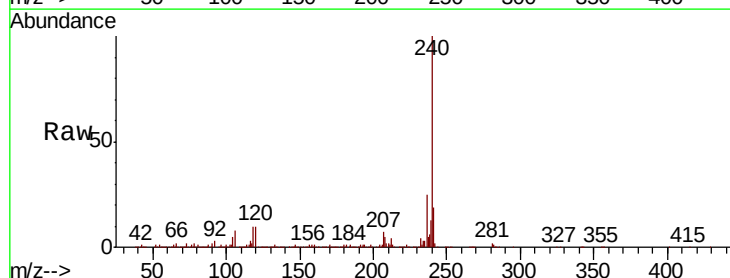
Instrument :
BNA_M
ClientSampleId :
PB129511BL

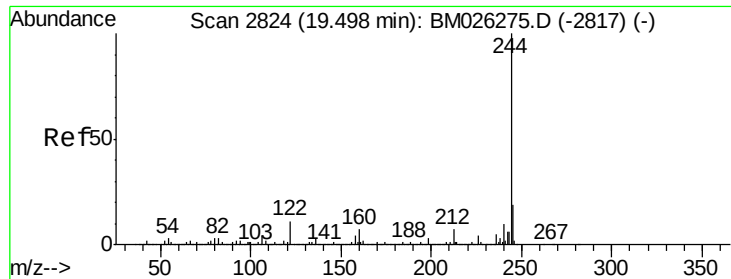
Tot Ion:188 Resp: 543728
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 11.4 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BM026386.D
Acq: 15 Jun 2020 11:43

Tgt Ion:240 Resp: 574545
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 24.6 19.4 29.0





#79

Terphenyl-d14

Concen: 93.351 ng

RT: 19.47 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM026386.D

Acq: 15 Jun 2020 11:43

Instrument :

BNA_M

ClientSampleId :

PB129511BL

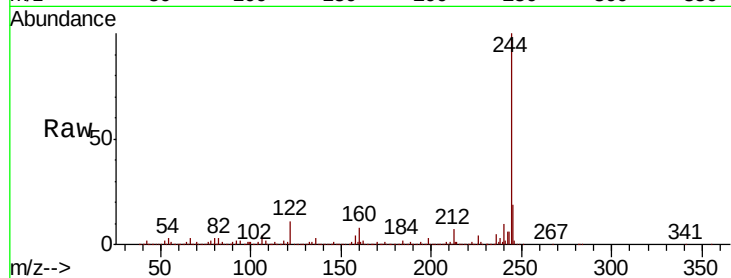
Tot Ion:244 Resp: 2762989

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

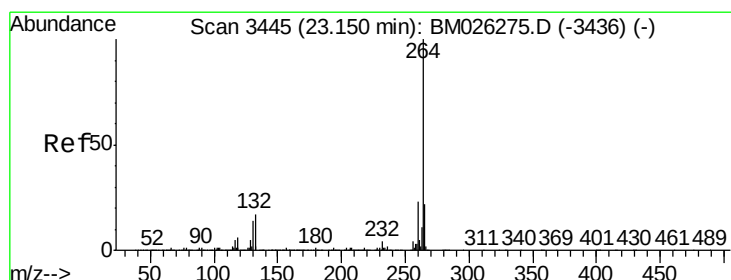
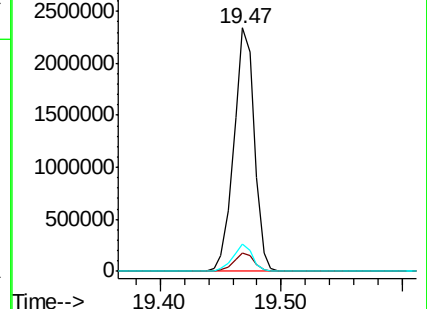
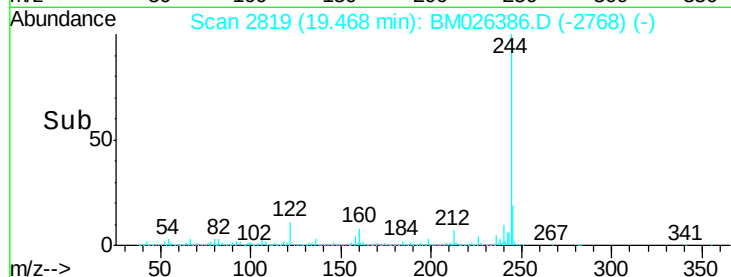
122 11.0 8.6 13.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.11 min Scan# 3438

Delta R.T. -0.01 min

Lab File: BM026386.D

Acq: 15 Jun 2020 11:43

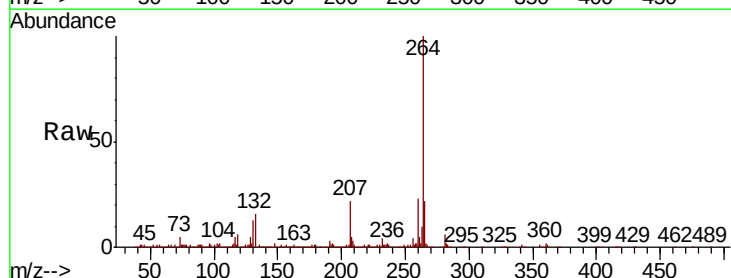
Tgt Ion:264 Resp: 619776

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.9 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

