

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
 Data File : BM026474.D
 Acq On : 19 Jun 2020 20:17
 Operator : JU/CG
 Sample : PB129506BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129506BL

Quant Time: Jun 20 05:41:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 20 04:14:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	122302	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	544436	20.00	ng	0.00
39) Acenaphthene-d10	14.04	164	382679	20.00	ng	0.00
64) Phenanthrene-d10	16.80	188	858146	20.00	ng	0.00
76) Chrysene-d12	21.01	240	838106	20.00	ng	0.00
86) Perylene-d12	23.10	264	734408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	907751	131.23	ng	0.00
7) Phenol-d6	6.59	99	1303630	130.14	ng	0.00
23) Nitrobenzene-d5	8.53	82	1025047	92.44	ng	0.00
42) 2,4,6-Tribromophenol	15.55	330	705440	152.18	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	2327410	92.32	ng	0.00
79) Terphenyl-d14	19.46	244	4487359	103.93	ng	0.00

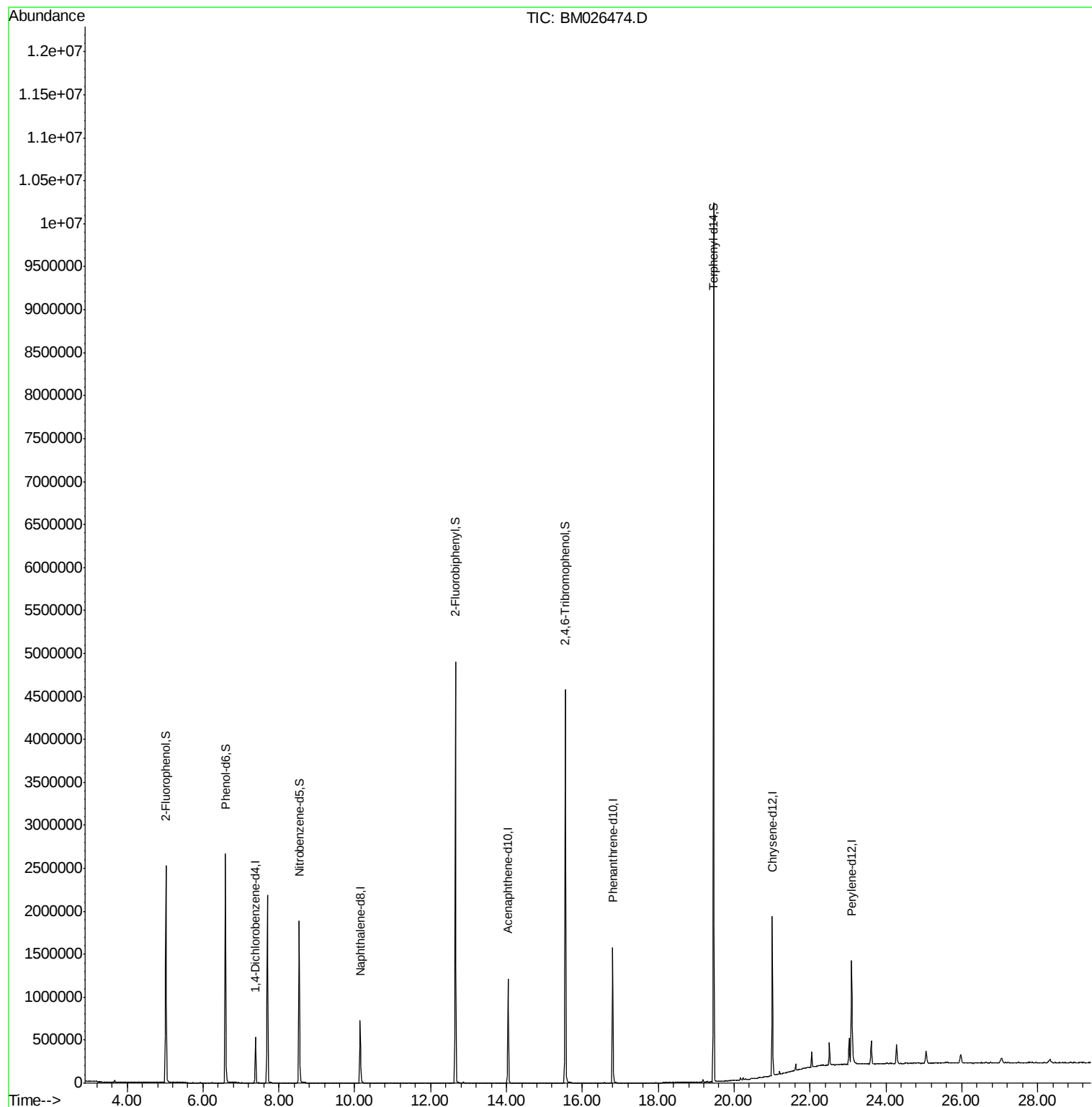
Target Compounds Qvalue

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

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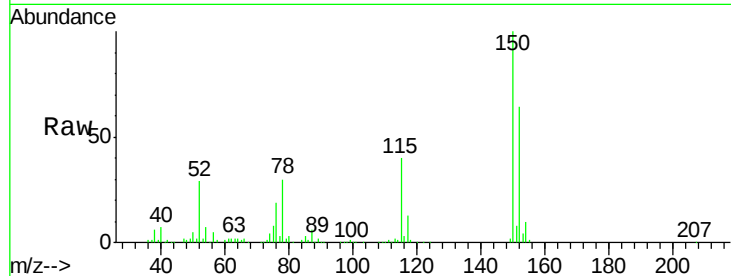


#1

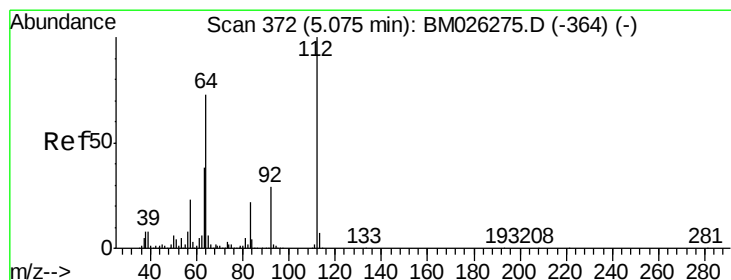
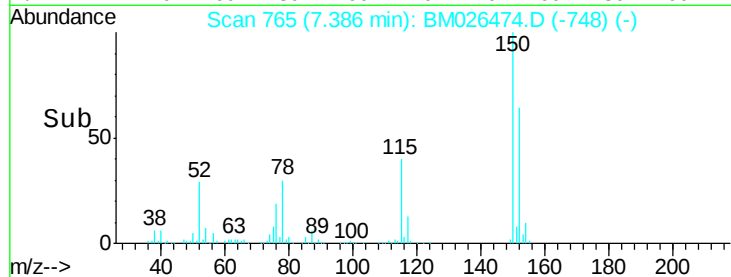
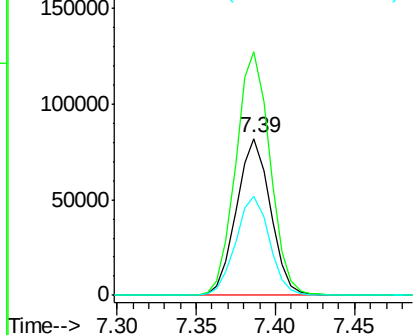
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 765
Delta R.T. -0.00 min
Lab File: BM026474.D
Acq: 19 Jun 2020 20:17

Instrument :
BNA_M
ClientSampleId :
PB129506BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.8	191.6
115	62.8	51.5	77.3



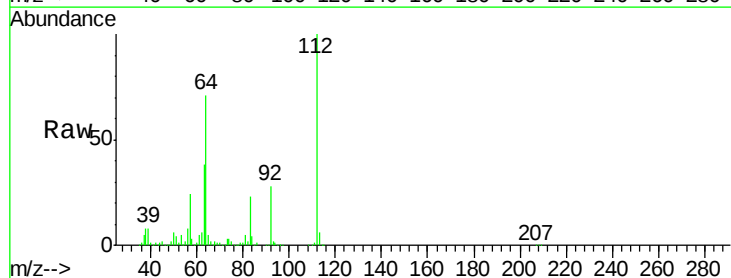
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



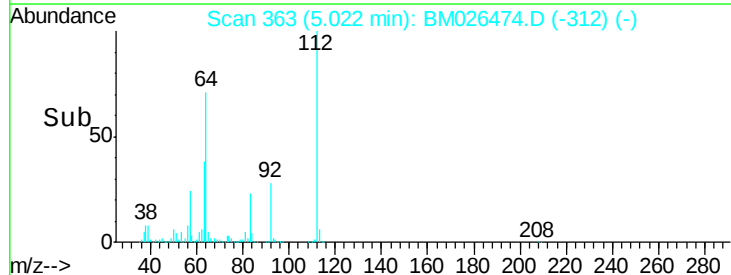
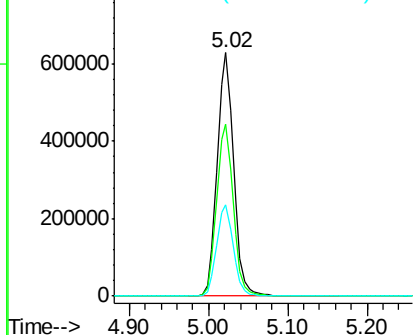
#5

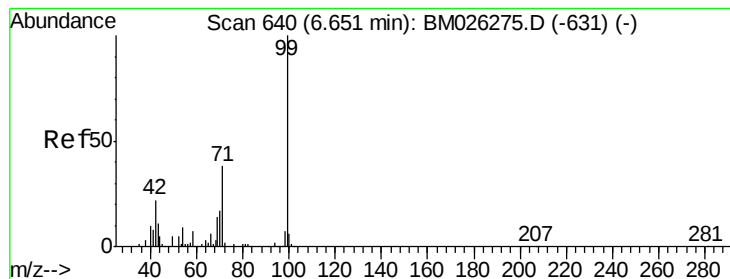
2-Fluorophenol
Concen: 131.227 ng
RT: 5.02 min Scan# 363
Delta R.T. -0.00 min
Lab File: BM026474.D
Acq: 19 Jun 2020 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.0	84.0
63	37.7	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: 130.145 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

Instrument :

BNA_M

ClientSampled :

PB129506BL

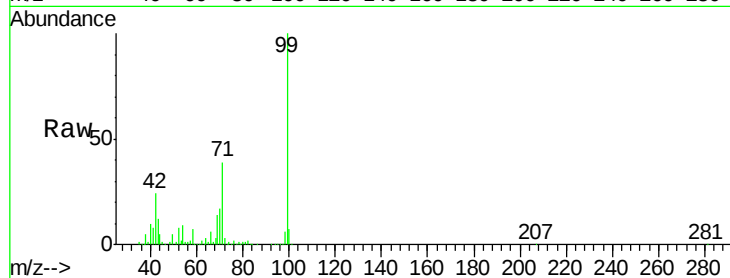
Tot Ion: 99 Resp: 1303630

Ion Ratio Lower Upper

99 100

42 23.7 17.8 26.6

71 39.2 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026474.D (-580) (-)

Ion 42.00 (41.70 to 42.70): BM026474.D (-580) (-)

Ion 71.00 (70.70 to 71.70): BM026474.D (-580) (-)

6.59

800000

600000

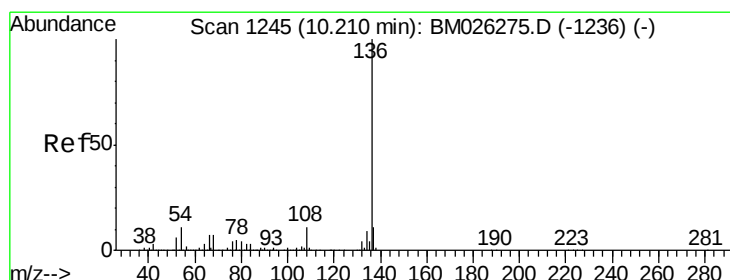
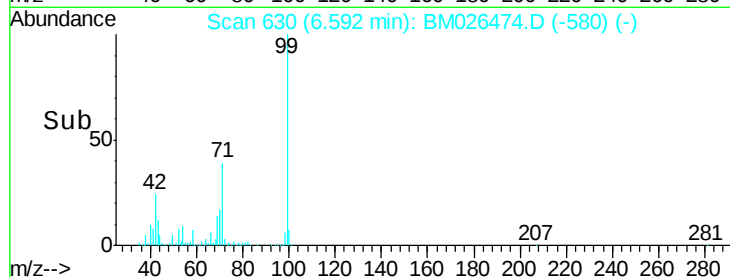
400000

200000

0

6.50 6.60 6.70 6.80

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

Tgt Ion: 136 Resp: 544436

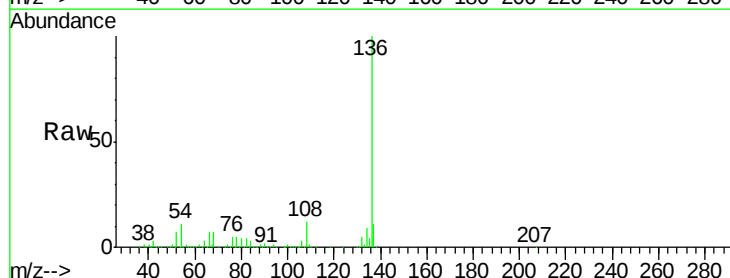
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 11.2 9.0 13.6

68 7.1 5.6 8.4



Abundance Ion 136.00 (135.70 to 136.70): BM026474.D (-1183) (-)

Ion 137.00 (136.70 to 137.70): BM026474.D (-1183) (-)

Ion 54.00 (53.70 to 54.70): BM026474.D (-1183) (-)

Ion 68.00 (67.70 to 68.70): BM026474.D (-1183) (-)

10.15

500000

400000

300000

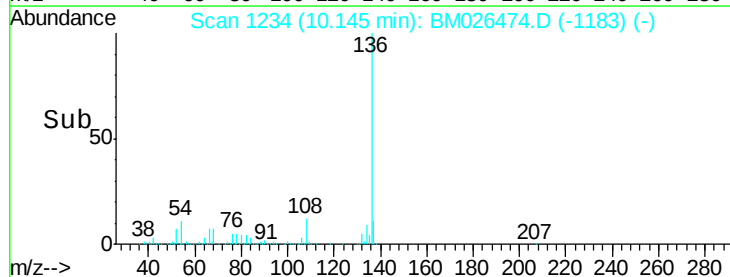
200000

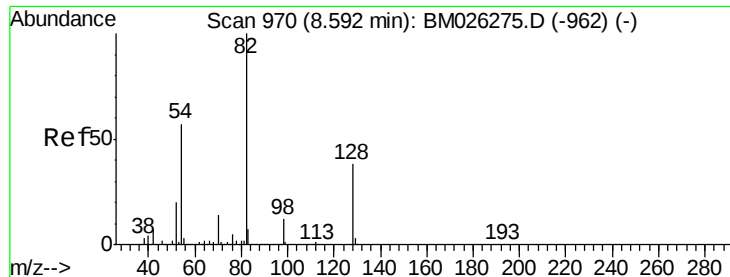
100000

0

10.10 10.20 10.30

Time-->



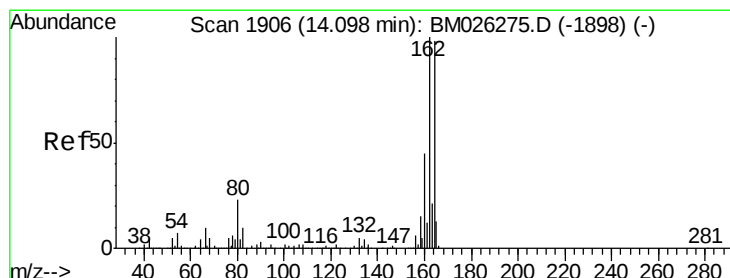
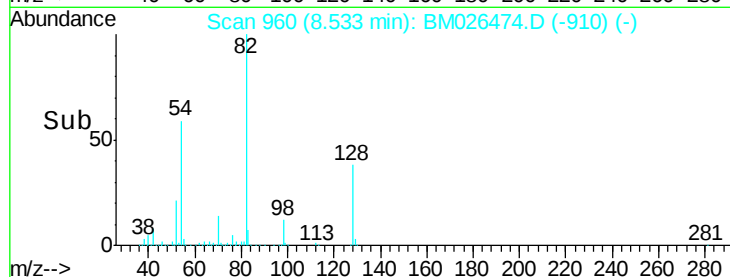
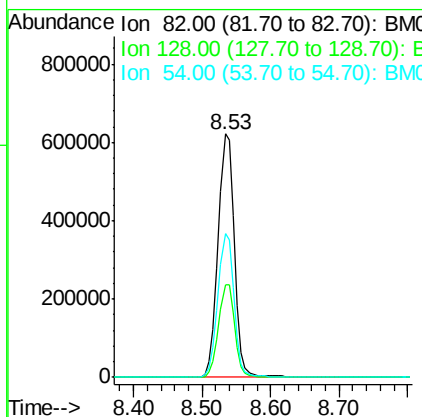
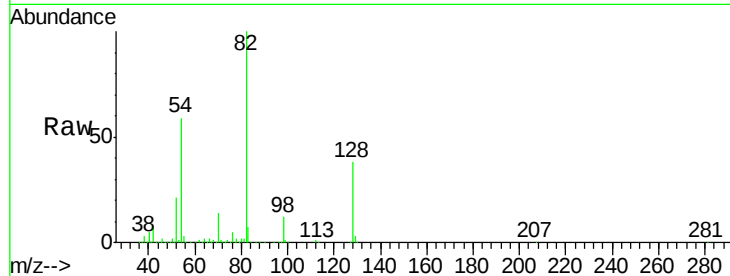


#23
 Nitrobenzene-d5
 Concen: 92.443 ng
 RT: 8.53 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BM026474.D
 Acq: 19 Jun 2020 20:17

Instrument :
 BNA_M
 ClientSampleId :
 PB129506BL

Tot Ion: 82 Resp: 1025047

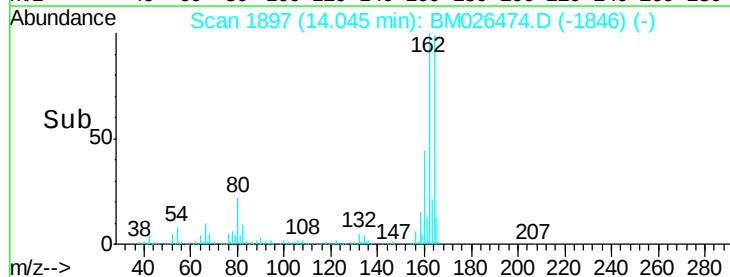
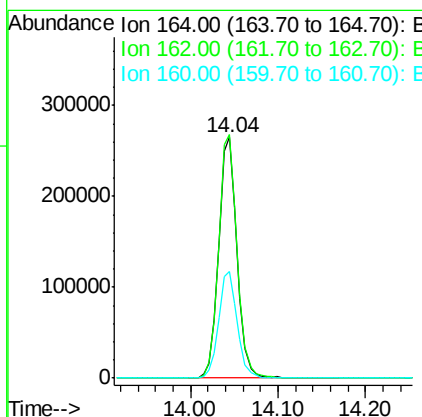
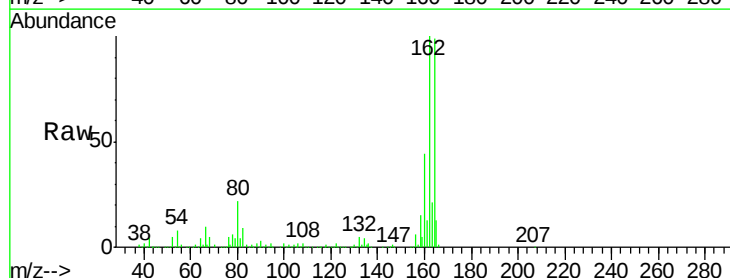
Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.0	46.6
54	58.8	45.4	68.2

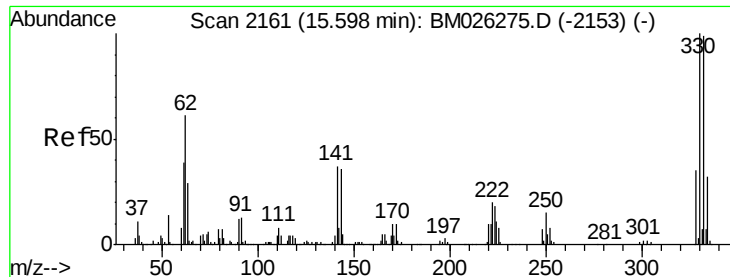


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BM026474.D
 Acq: 19 Jun 2020 20:17

Tgt Ion: 164 Resp: 382679

Ion	Ratio	Lower	Upper
164	100		
162	101.2	77.7	116.5
160	44.2	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 152.179 ng

RT: 15.55 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

Instrument :

BNA_M

ClientSampleId :

PB129506BL

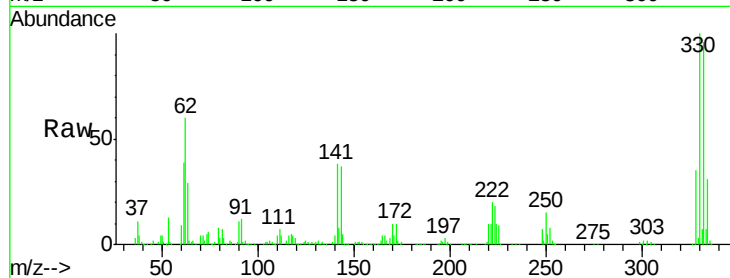
Tot Ion:330 Resp: 705440

Ion Ratio Lower Upper

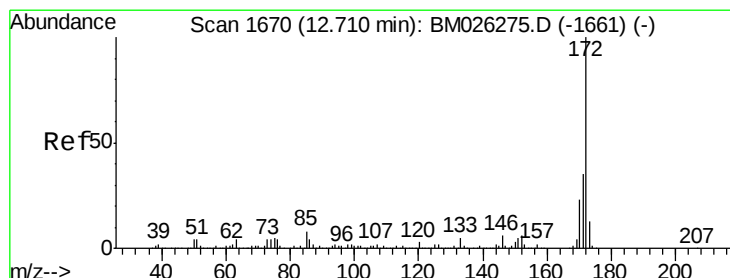
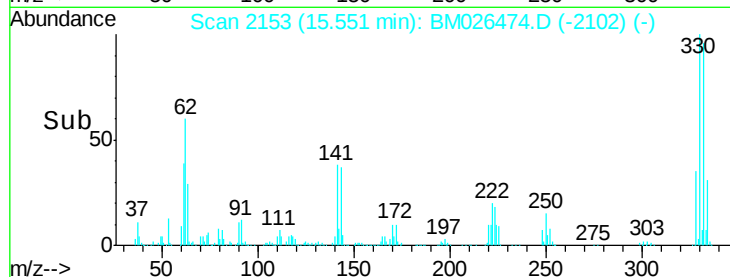
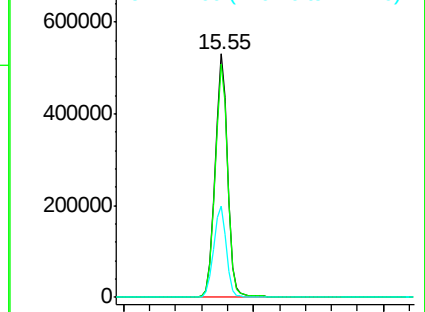
330 100

332 96.9 77.7 116.5

141 38.5 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: 92.321 ng

RT: 12.66 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

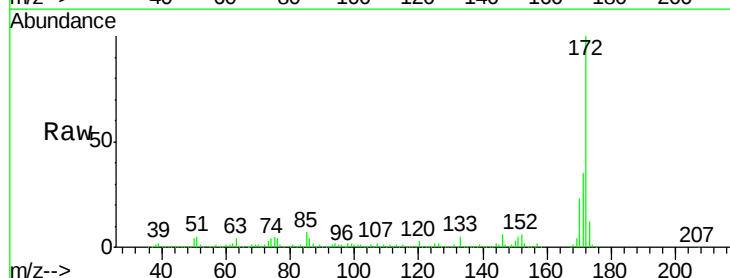
Tgt Ion:172 Resp: 2327410

Ion Ratio Lower Upper

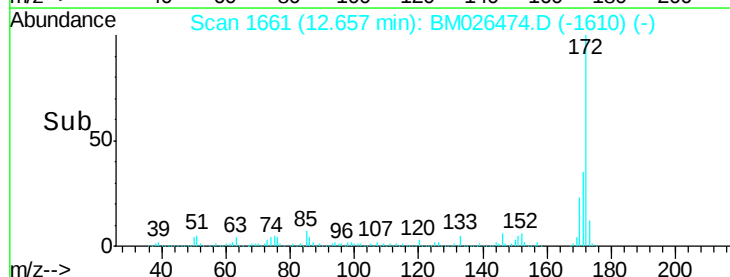
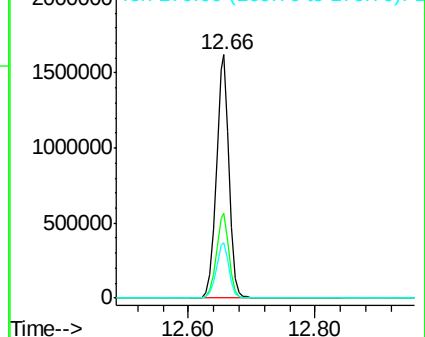
172 100

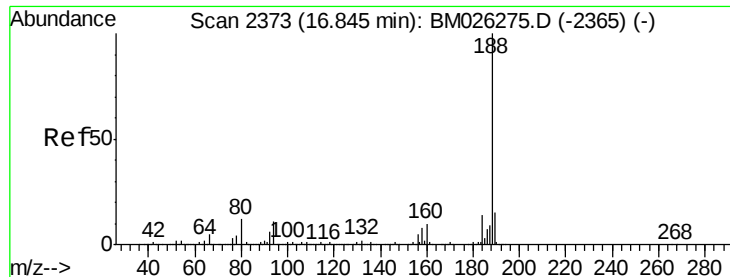
171 34.8 27.8 41.8

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: 16.80 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

Instrument :

BNA_M

ClientSampleId :

PB129506BL

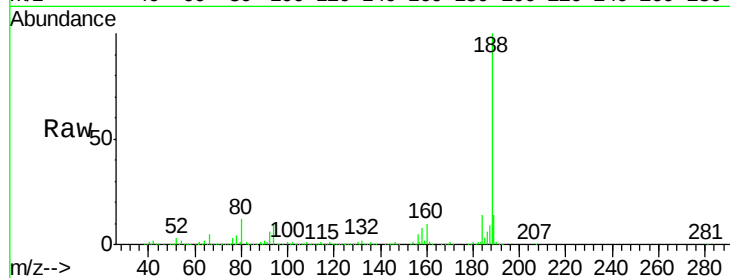
Tot Ion:188 Resp: 858146

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

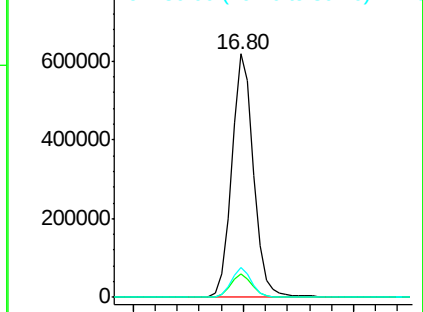
80 12.1 9.5 14.3



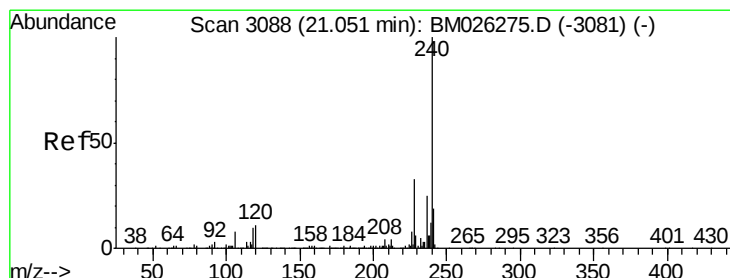
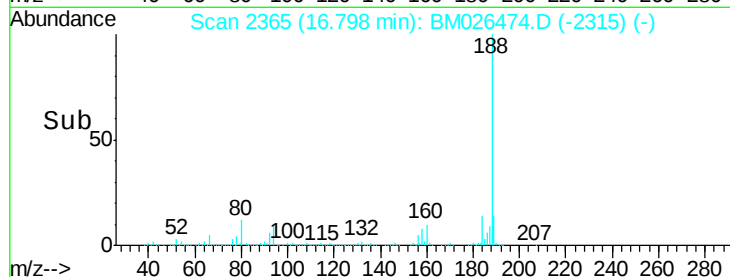
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 16.70 16.80 16.90



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

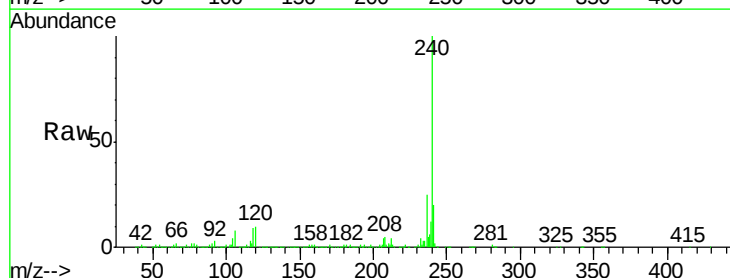
Tgt Ion:240 Resp: 838106

Ion Ratio Lower Upper

240 100

120 10.0 9.3 13.9

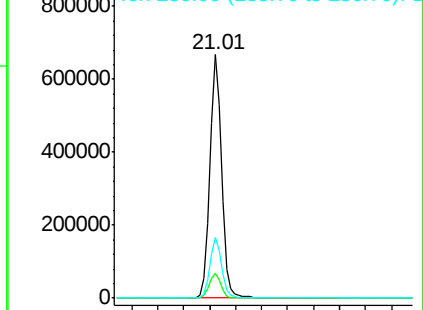
236 25.0 19.4 29.0



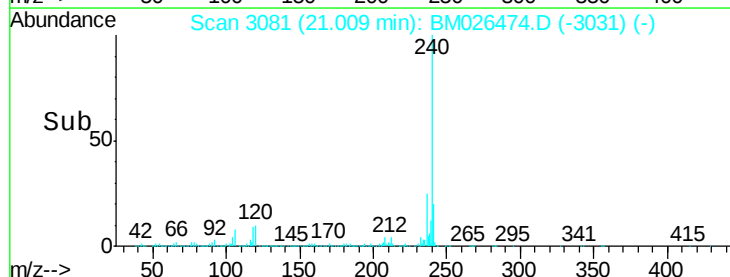
Abundance Ion 240.00 (239.70 to 240.70): E

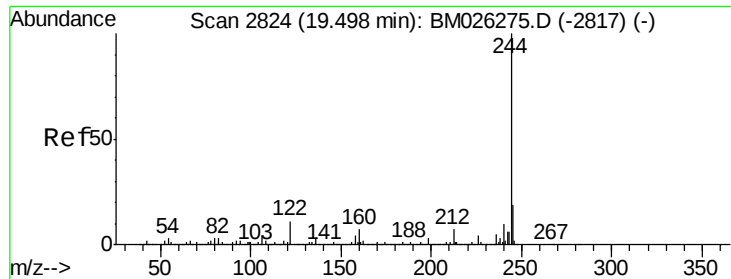
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.00 21.20





#79

Terphenyl-d14

Concen: 103.934 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

Instrument :

BNA_M

ClientSampleId :

PB129506BL

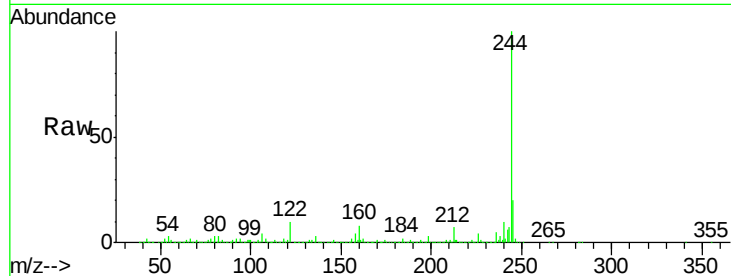
Tot Ion:244 Resp: 4487359

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

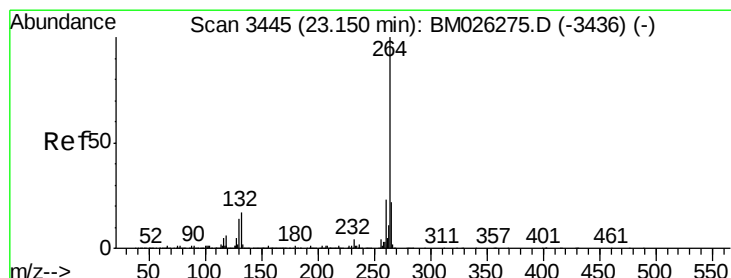
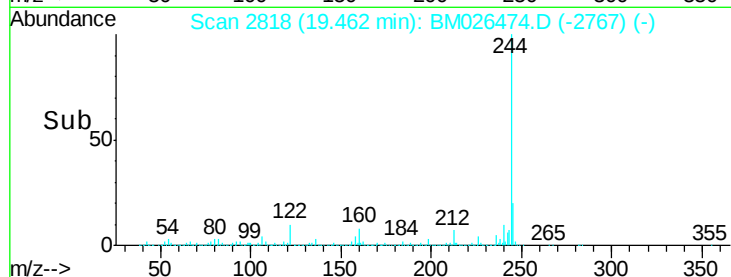
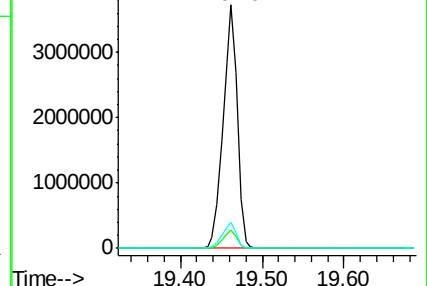
122 10.5 8.6 13.0



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: 23.10 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM026474.D

Acq: 19 Jun 2020 20:17

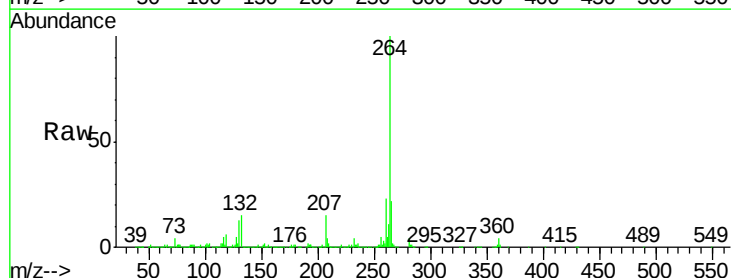
Tgt Ion:264 Resp: 734408

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

