

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020720\
 Data File : BP001726.D
 Acq On : 07 Feb 2020 18:22
 Operator : CG/JU
 Sample : PB126653BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BL

Quant Time: Feb 08 01:39:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 15:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	425728	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1644186	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	948766	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2067101	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1943116	20.00	ng	0.00
87) Perylene-d12	23.43	264	1787876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	3282499	137.19	ng	0.00
7) Phenol-d6	6.90	99	4063076	130.20	ng	0.00
23) Nitrobenzene-d5	8.86	82	2420440	89.99	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1540553	158.54	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5689174	87.11	ng	0.00
79) Terphenyl-d14	19.68	244	8639354	90.73	ng	0.00

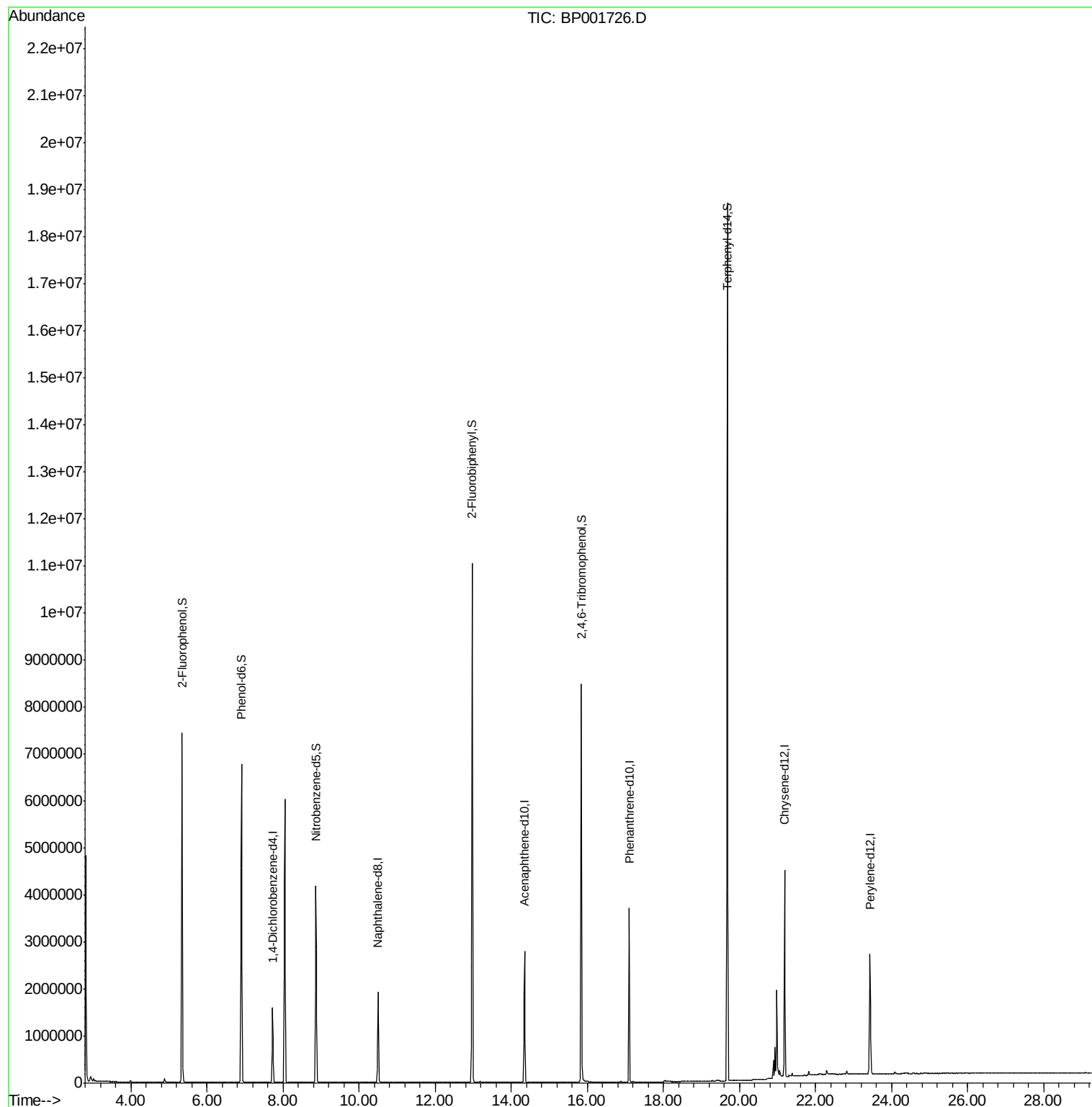
Target Compounds Qvalue

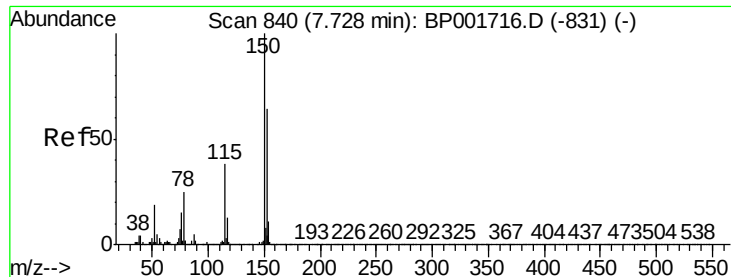
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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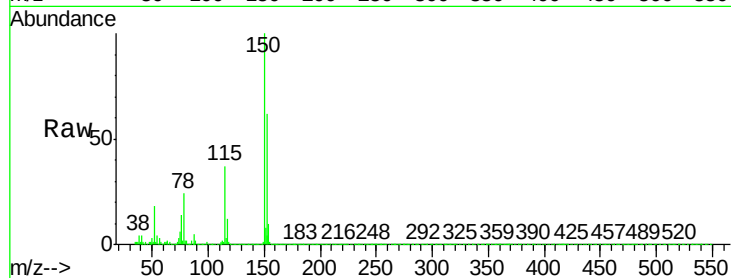


#1

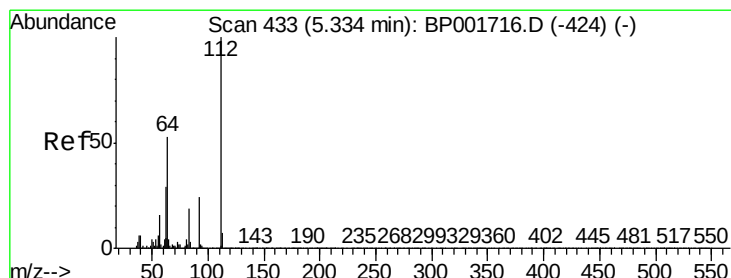
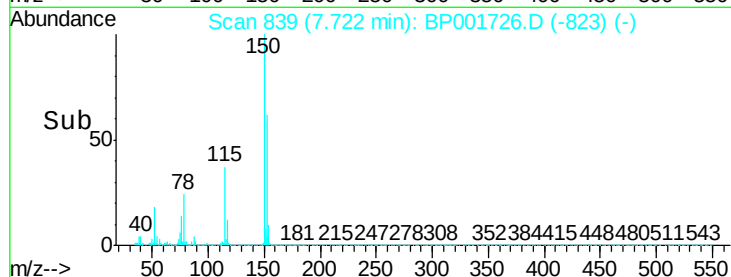
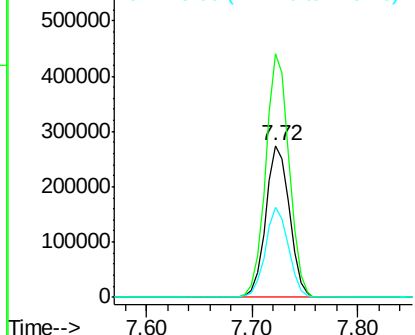
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP001726.D
Acq: 07 Feb 2020 18:22

Instrument :
BNA_P
ClientSampleId :
PB126653BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.5	186.7
115	59.0	47.3	70.9



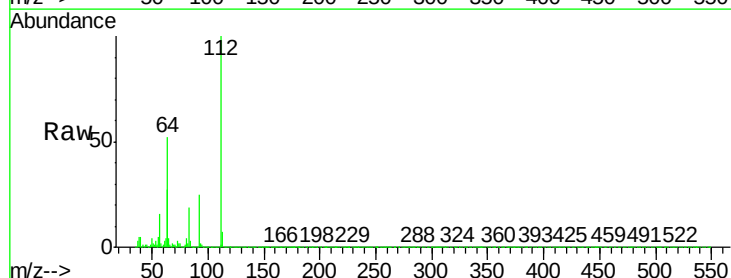
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



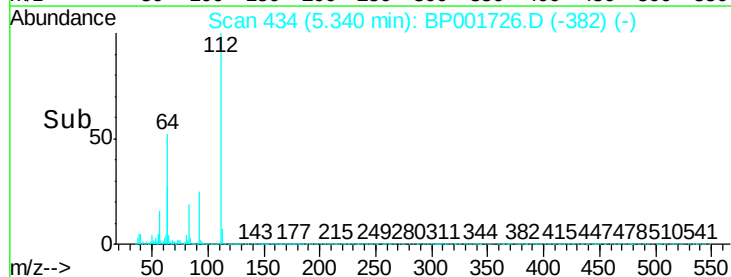
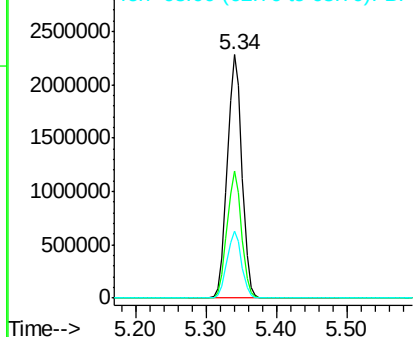
#5

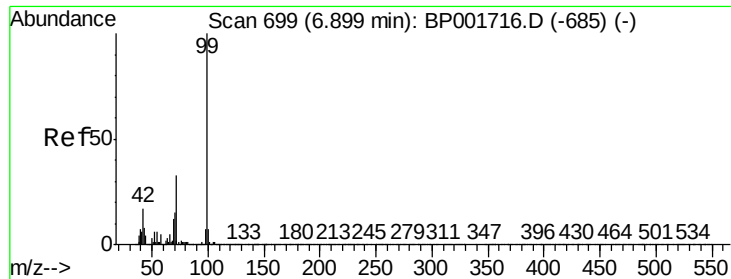
2-Fluorophenol
Concen: 137.194 ng
RT: 5.34 min Scan# 434
Delta R.T. 0.01 min
Lab File: BP001726.D
Acq: 07 Feb 2020 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.7	64.1
63	27.5	22.8	34.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 130.204 ng

RT: 6.90 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001726.D

Acq: 07 Feb 2020 18:22

Instrument :

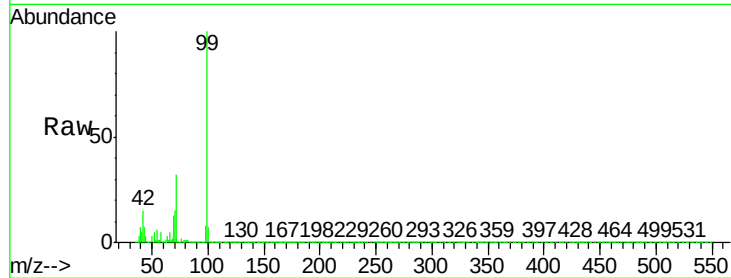
BNA_P

ClientSampleId :

PB126653BL

Tot Ion: 99 Resp: 4063076

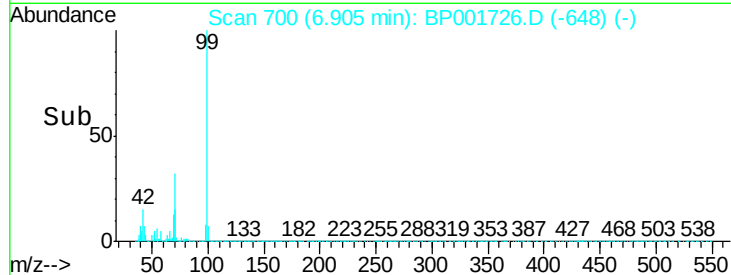
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.2
71	31.9	26.1	39.1



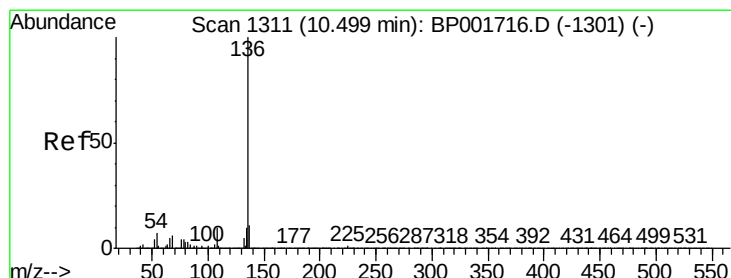
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1311

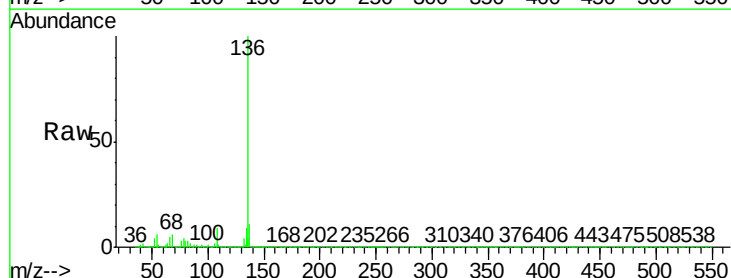
Delta R.T. 0.00 min

Lab File: BP001726.D

Acq: 07 Feb 2020 18:22

Tgt Ion: 136 Resp: 1644186

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.4	5.4	8.0
68	5.6	4.7	7.1

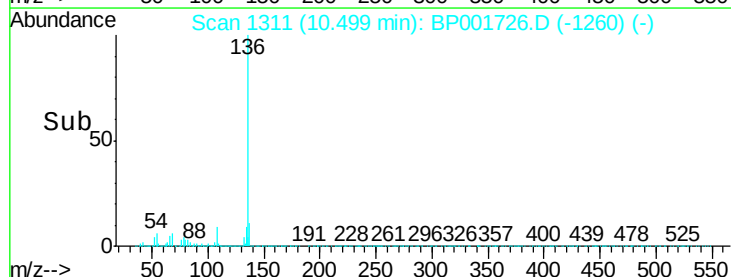


Abundance Ion 136.00 (135.70 to 136.70): E

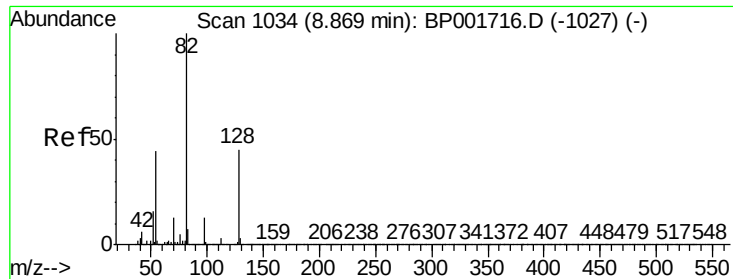
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time-->

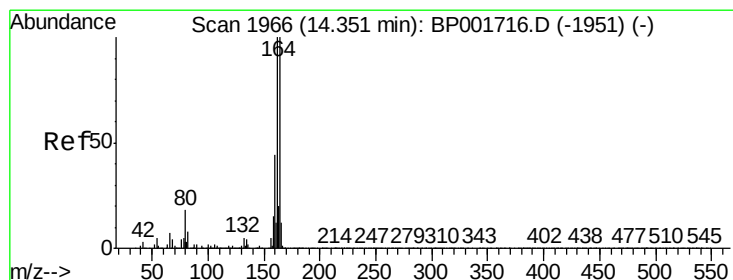
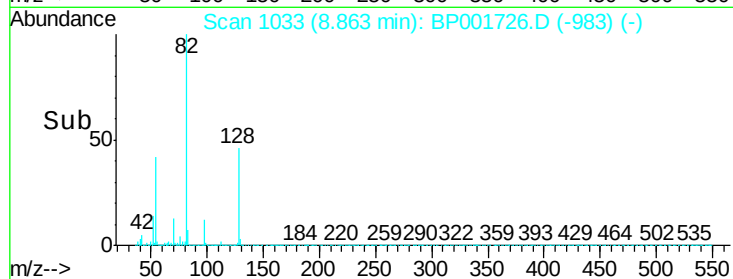
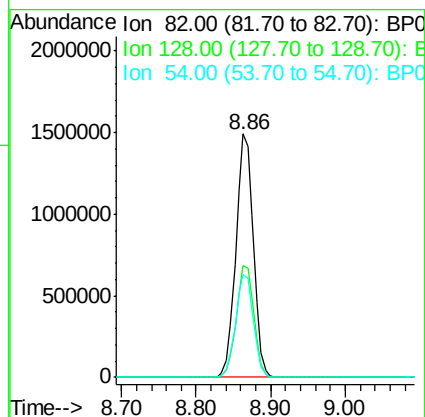
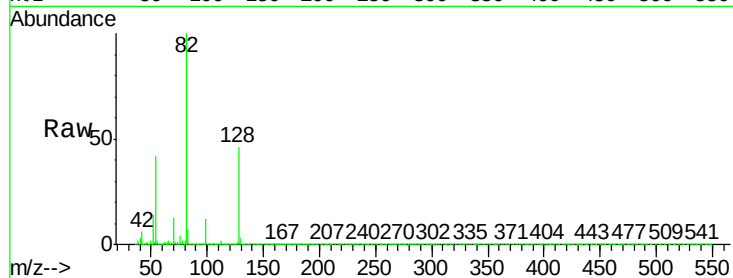


#23
 Nitrobenzene-d5
 Concen: 89.991 ng
 RT: 8.86 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BP001726.D
 Acq: 07 Feb 2020 18:22

Instrument :
 BNA_P
 ClientSampleId :
 PB126653BL

Tot Ion: 82 Resp: 2420440

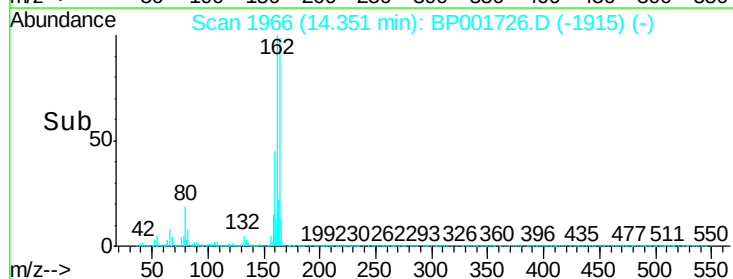
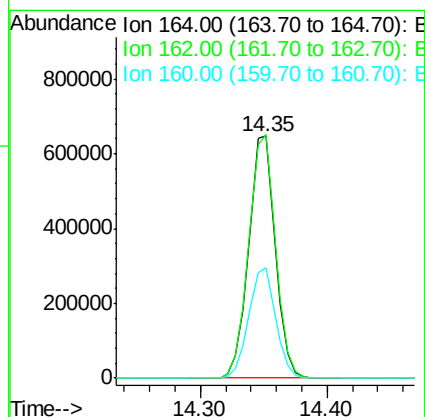
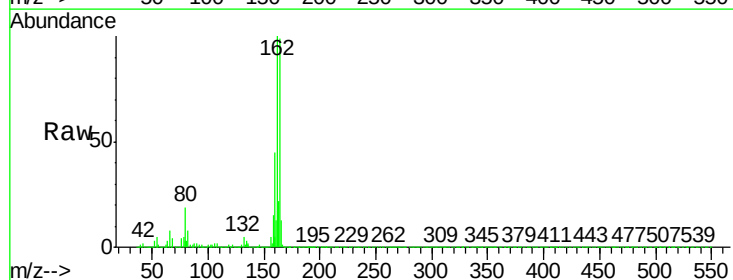
Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.9	53.9
54	42.2	35.4	53.2

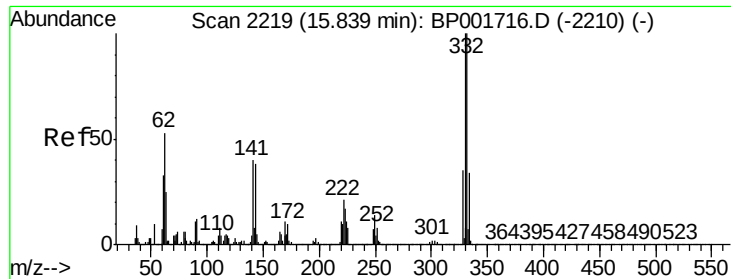


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BP001726.D
 Acq: 07 Feb 2020 18:22

Tgt Ion:164 Resp: 948766

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.6
160	45.5	35.1	52.7

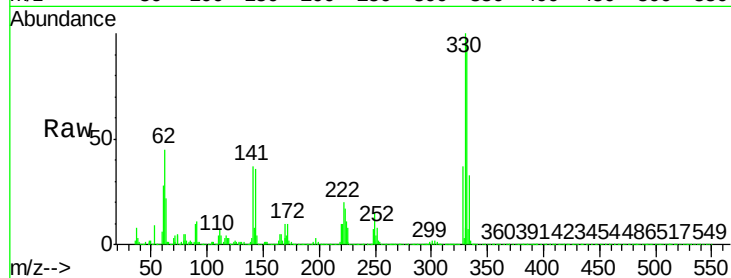




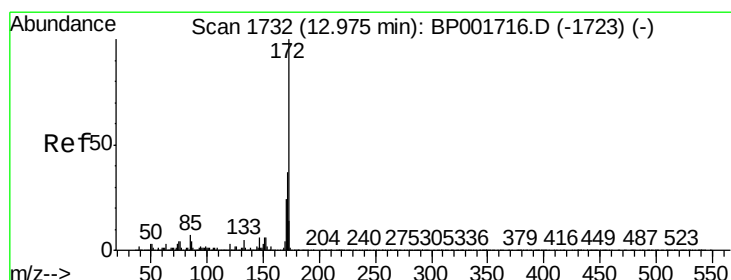
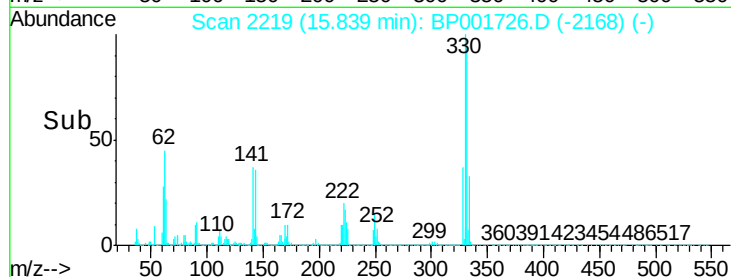
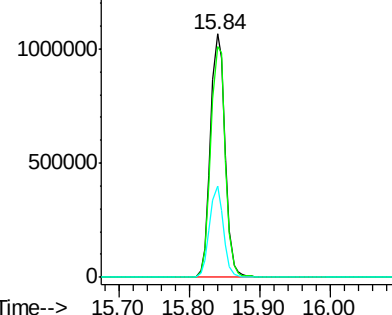
#42
2,4,6-Tribromophenol
Concen: 158.539 ng
RT: 15.84 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BP001726.D
Acq: 07 Feb 2020 18:22

Instrument :
BNA_P
ClientSampleId :
PB126653BL

Tot Ion:330 Resp: 1540553
Ion Ratio Lower Upper
330 100
332 95.0 77.7 116.5
141 35.8 31.3 46.9

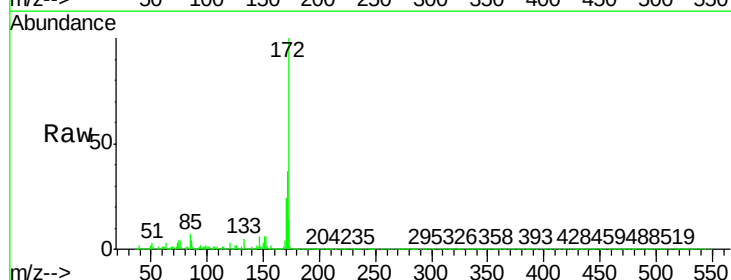


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

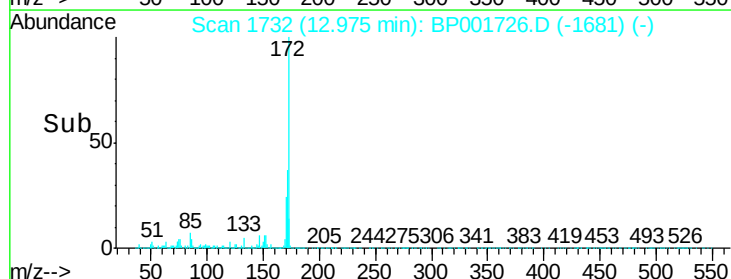
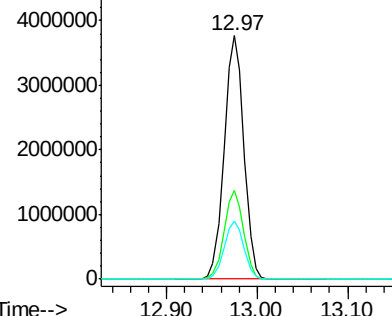


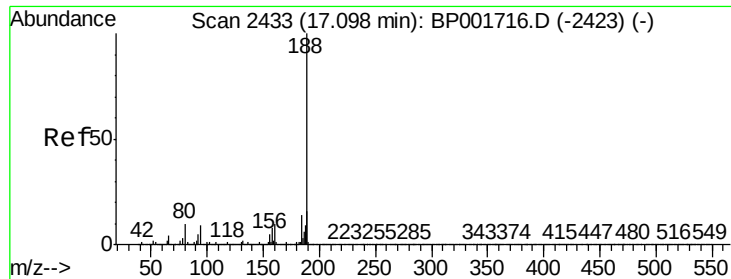
#45
2-Fluorobiphenyl
Concen: 87.111 ng
RT: 12.97 min Scan# 1732
Delta R.T. 0.00 min
Lab File: BP001726.D
Acq: 07 Feb 2020 18:22

Tgt Ion:172 Resp: 5689174
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 24.1 19.1 28.7



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: 17.10 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BP001726.D

Acq: 07 Feb 2020 18:22

Instrument :

BNA_P

ClientSampleId :

PB126653BL

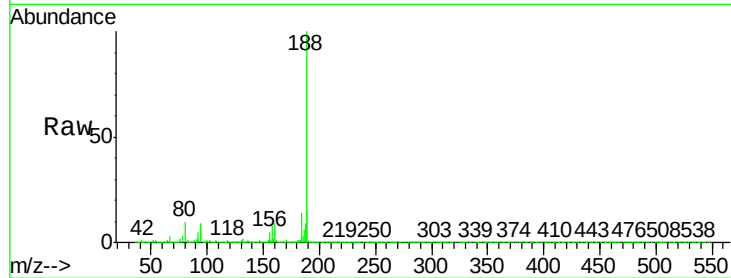
Tot Ion:188 Resp: 2067101

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

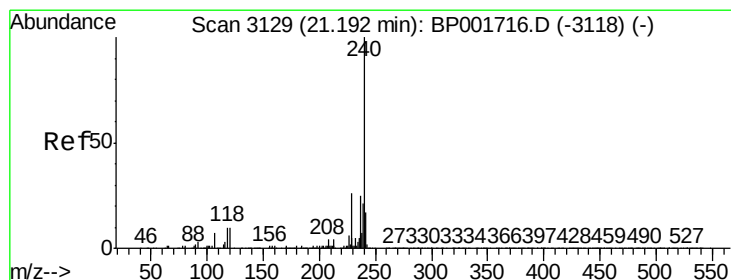
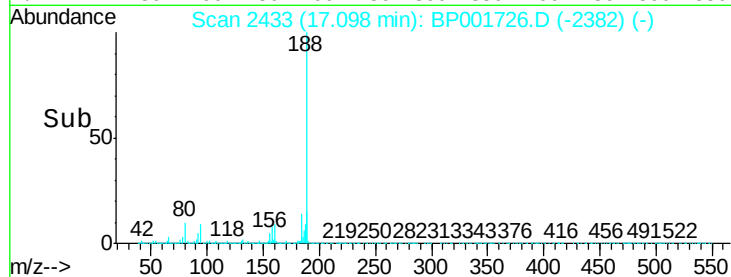
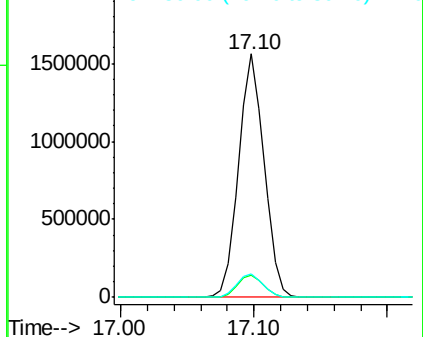
80 9.5 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BP001726.D

Acq: 07 Feb 2020 18:22

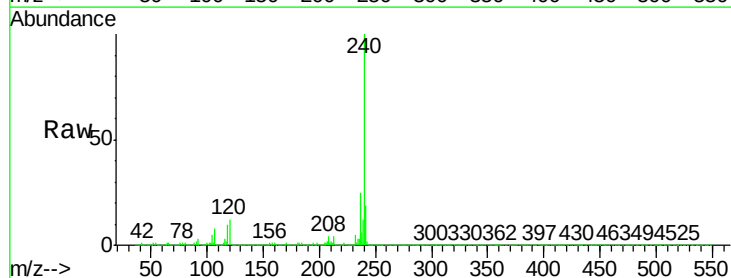
Tgt Ion:240 Resp: 1943116

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

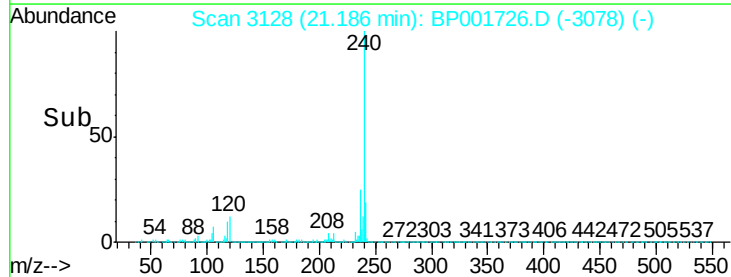
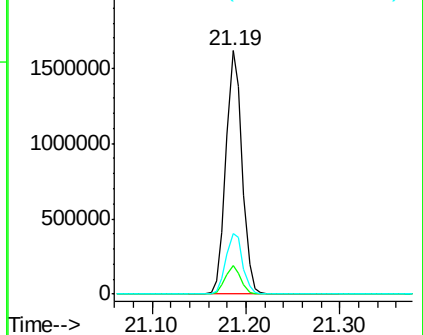
236 24.6 19.8 29.8

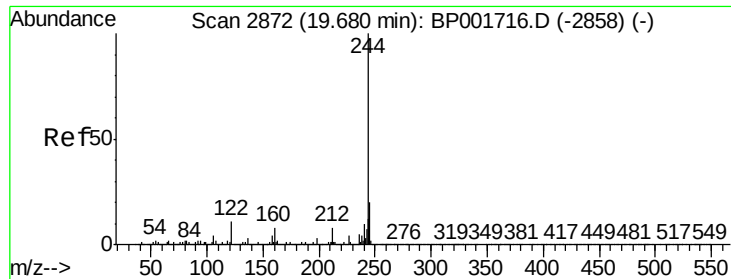


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.725 ng

RT: 19.68 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BP001726.D

Acq: 07 Feb 2020 18:22

Instrument :

BNA_P

ClientSampleId :

PB126653BL

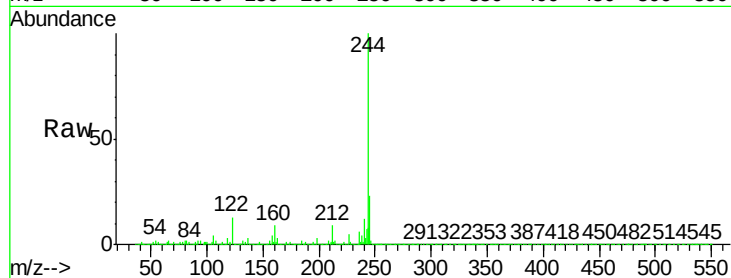
Tot Ion:244 Resp: 8639354

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

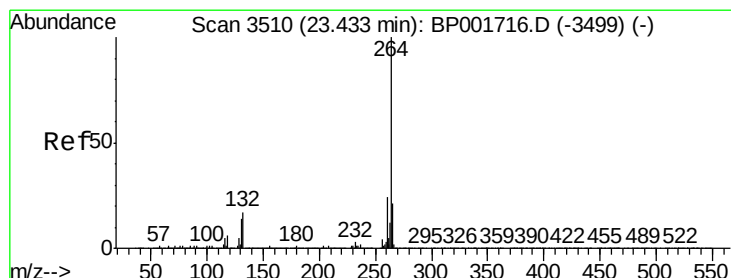
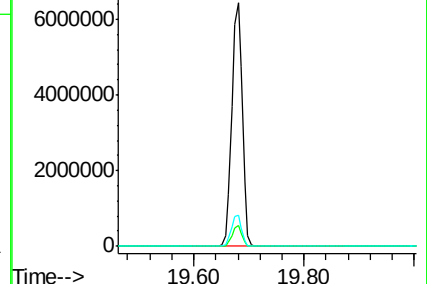
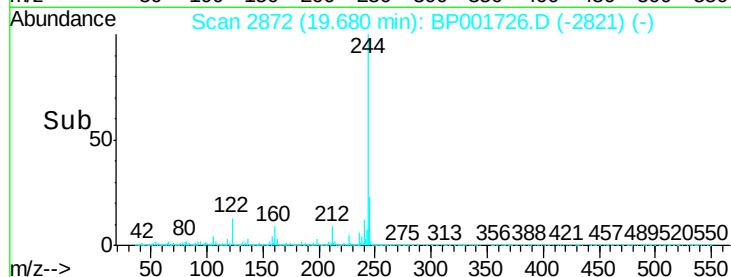
122 12.6 8.9 13.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BP001726.D

Acq: 07 Feb 2020 18:22

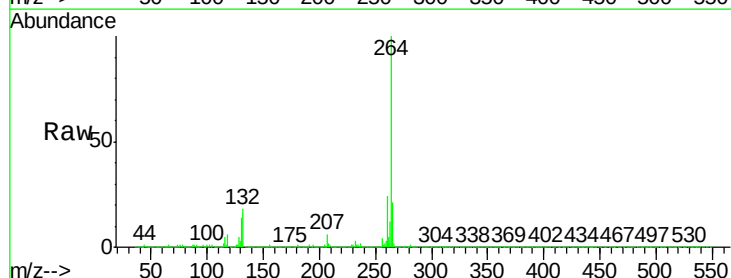
Tgt Ion:264 Resp: 1787876

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.3 17.0 25.4



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

