

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002549.D
 Acq On : 26 Jun 2020 13:53
 Operator : CG/JU
 Sample : PB129787TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129787TB

Quant Time: Jun 27 05:13:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	193980	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	746279	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	436153	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	928132	20.00	ng	0.00
76) Chrysene-d12	21.10	240	888071	20.00	ng	0.00
86) Perylene-d12	23.30	264	962222	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1370787	130.76	ng	0.00
7) Phenol-d6	6.78	99	1738529	124.56	ng	0.00
23) Nitrobenzene-d5	8.73	82	1180386	94.46	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	595081	142.51	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2353425	90.73	ng	0.00
79) Terphenyl-d14	19.59	244	3228631	97.54	ng	0.01

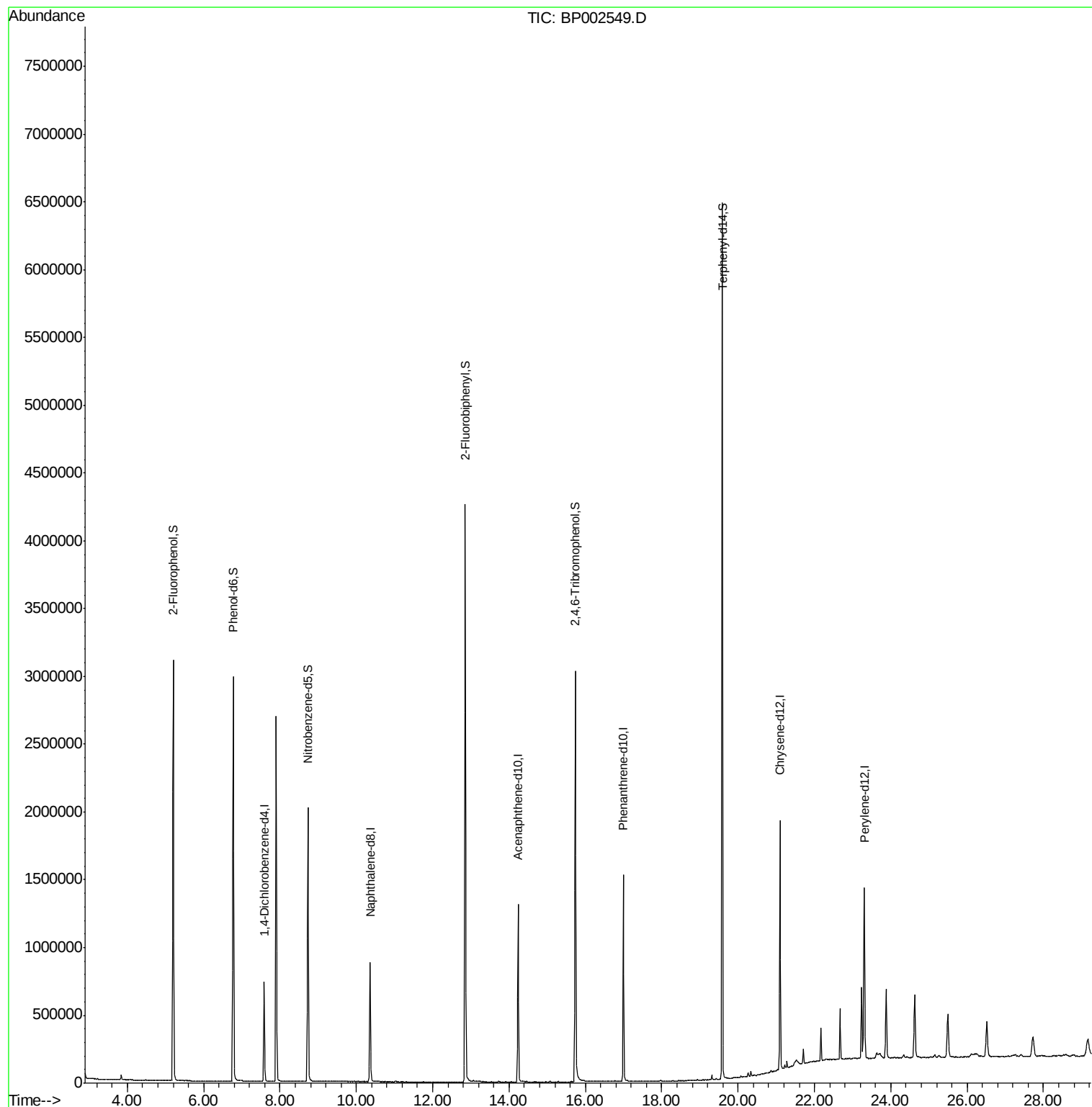
Target Compounds Qvalue

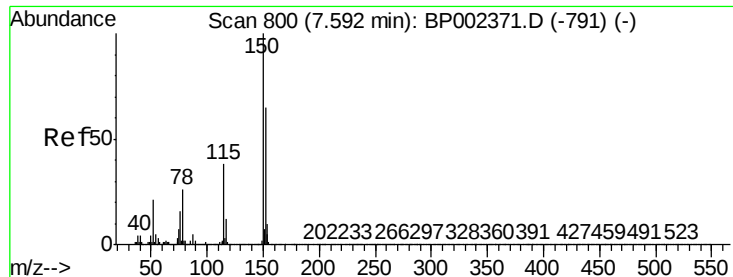
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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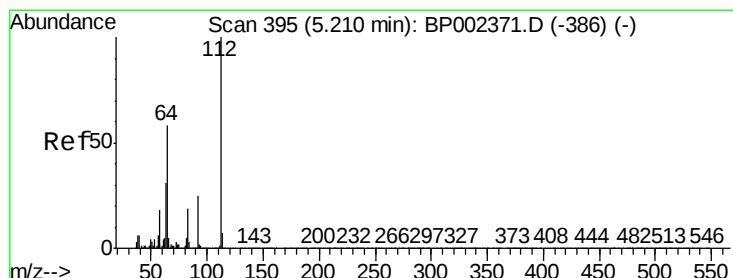
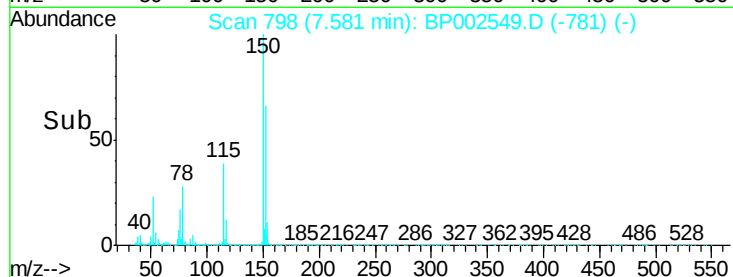
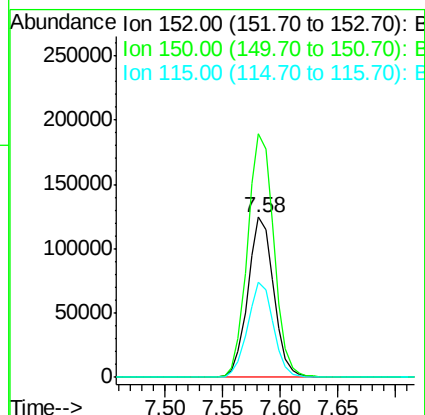
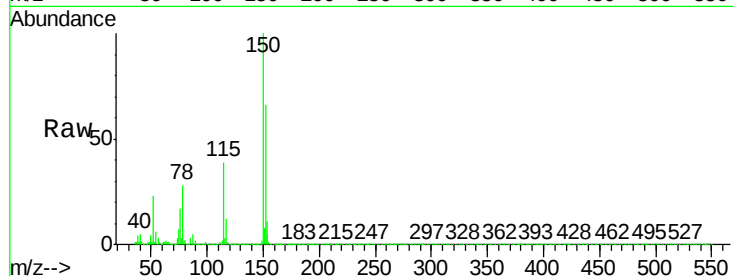


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002549.D
Acq: 26 Jun 2020 13:53

Instrument :
BNA_P
ClientSampleId :
PB129787TB

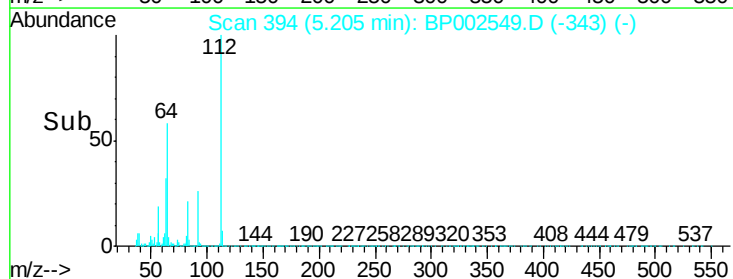
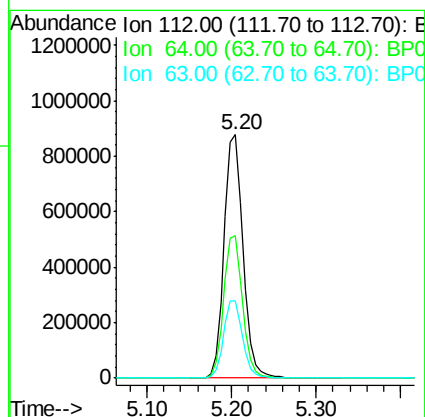
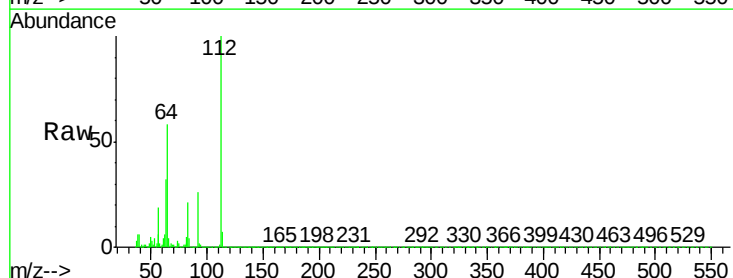
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.4	186.6
115	59.5	47.8	71.6

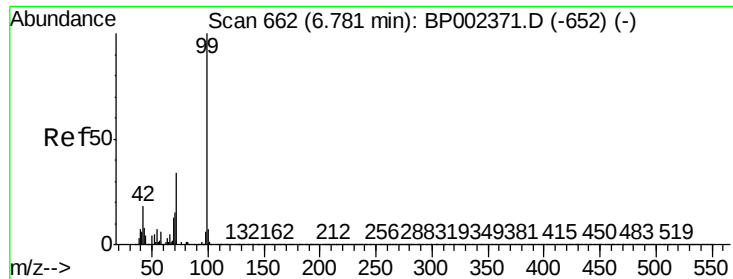


#5

2-Fluorophenol
Concen: 130.762 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002549.D
Acq: 26 Jun 2020 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.4	69.6
63	31.5	25.0	37.6





#7

Phenol-d6

Concen: 124.563 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002549.D

Acq: 26 Jun 2020 13:53

Instrument :

BNA_P

ClientSampleId :

PB129787TB

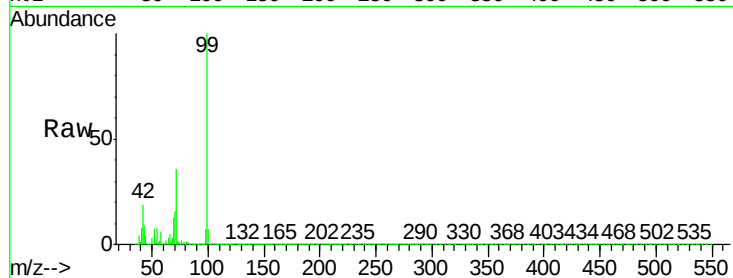
Tot Ion: 99 Resp: 1738529

Ion Ratio Lower Upper

99 100

42 19.4 15.3 22.9

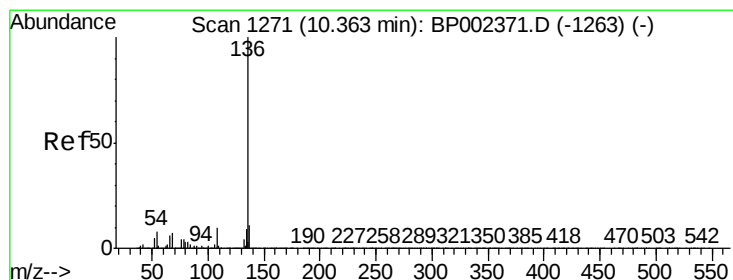
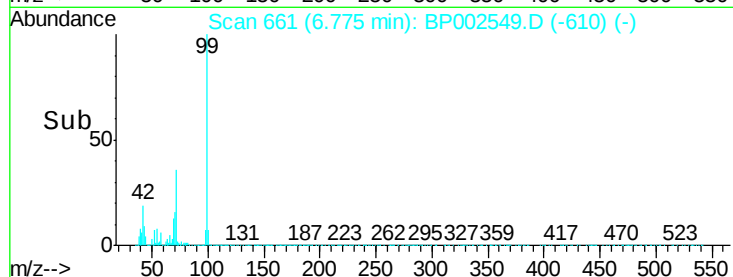
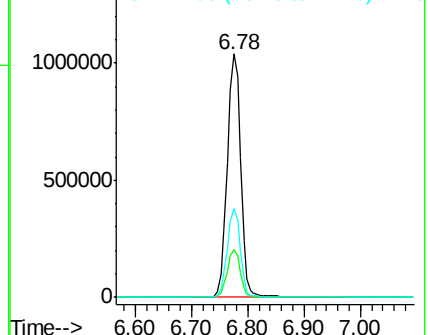
71 36.4 28.2 42.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BP002549.D

Acq: 26 Jun 2020 13:53

Tgt Ion: 136 Resp: 746279

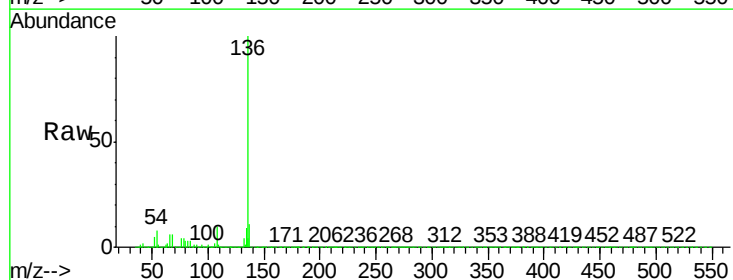
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.1 6.6 10.0

68 6.5 5.4 8.0

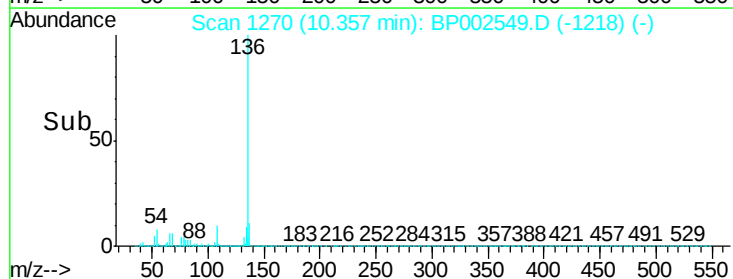
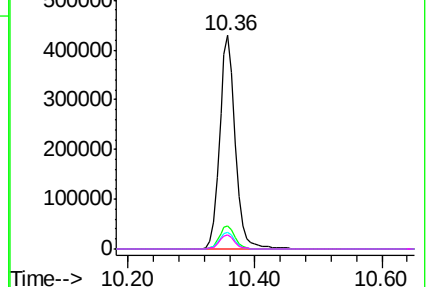


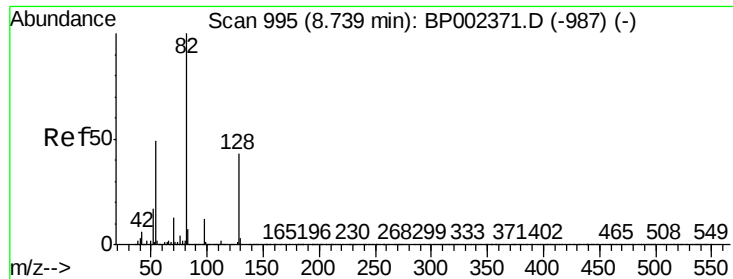
Abundance Ion 136.00 (135.70 to 136.70): E

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

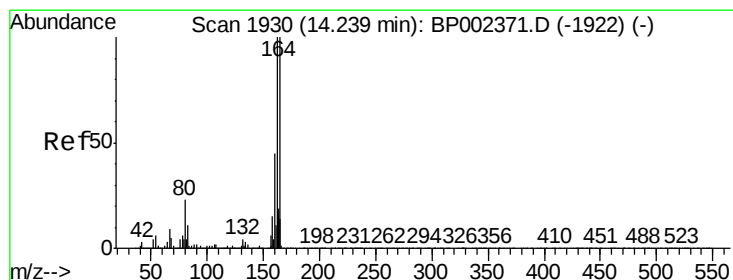
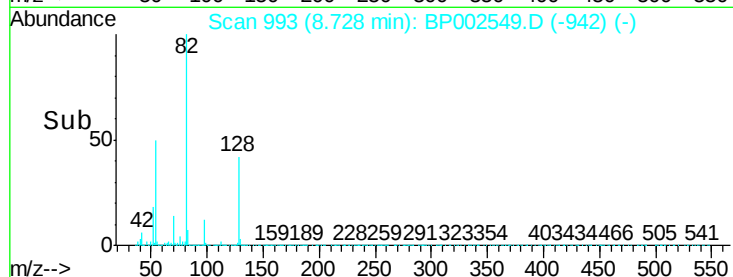
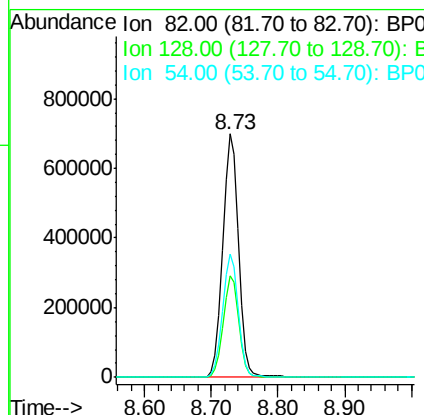
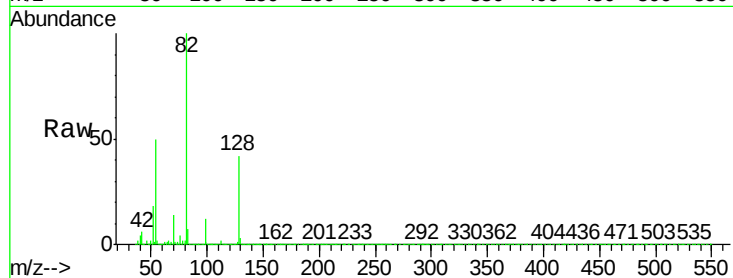




#23
Nitrobenzene-d5
Concen: 94.457 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002549.D
Acq: 26 Jun 2020 13:53

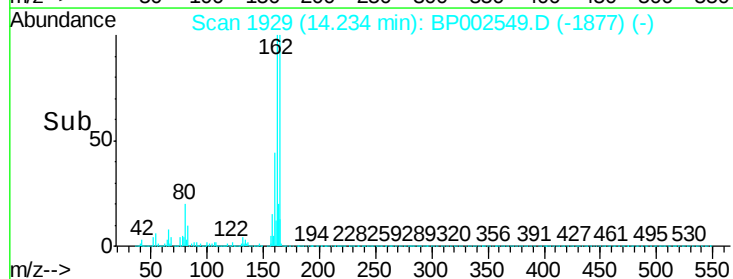
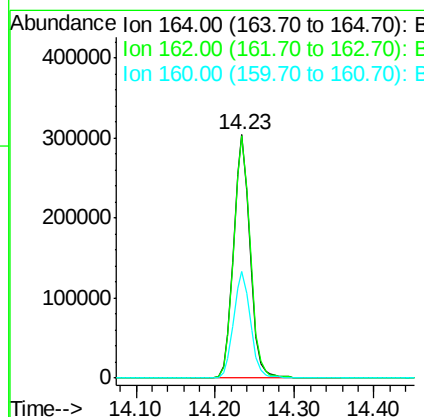
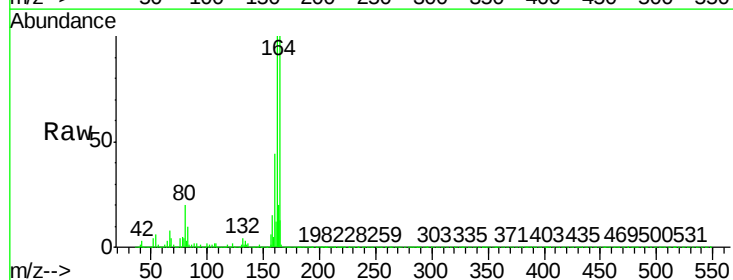
Instrument :
BNA_P
ClientSampleId :
PB129787TB

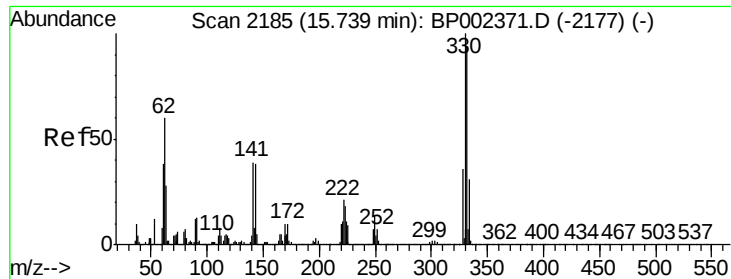
Tot Ion: 82 Resp: 1180386
Ion Ratio Lower Upper
82 100
128 41.7 32.8 49.2
54 50.5 39.9 59.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BP002549.D
Acq: 26 Jun 2020 13:53

Tgt Ion: 164 Resp: 436153
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 43.6 35.4 53.2

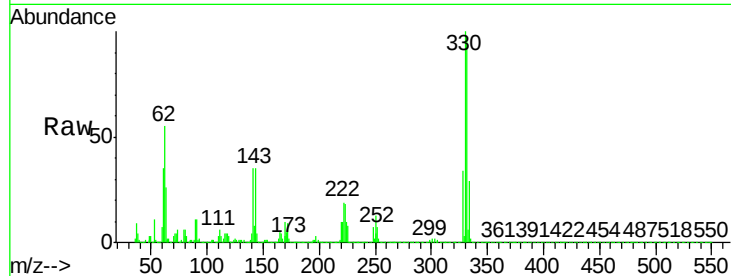




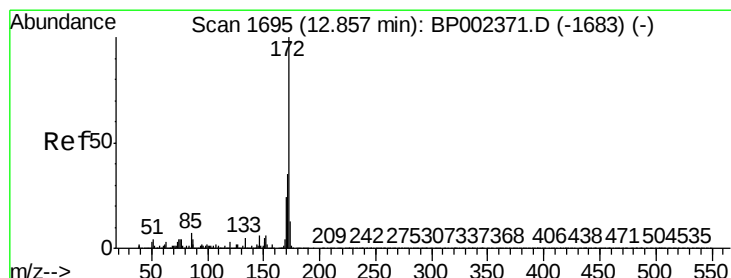
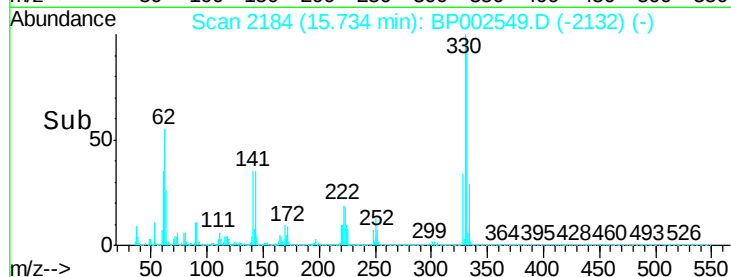
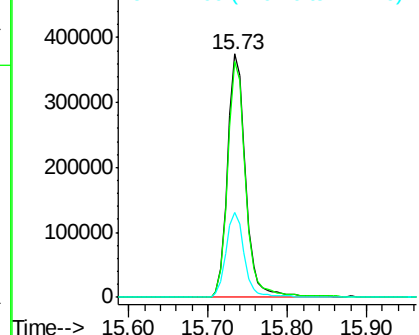
#42
2,4,6-Tribromophenol
Concen: 142.505 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002549.D
Acq: 26 Jun 2020 13:53

Instrument :
BNA_P
ClientSampleId :
PB129787TB

Tot Ion:330 Resp: 595081
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 35.9 30.4 45.6

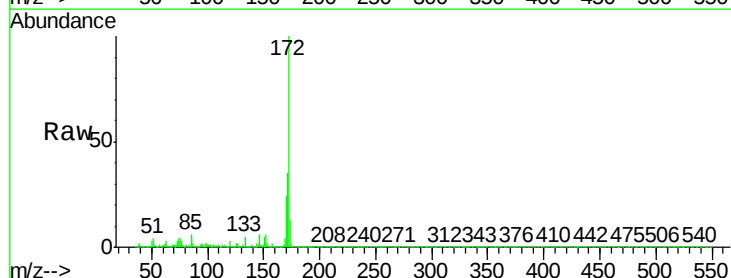


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

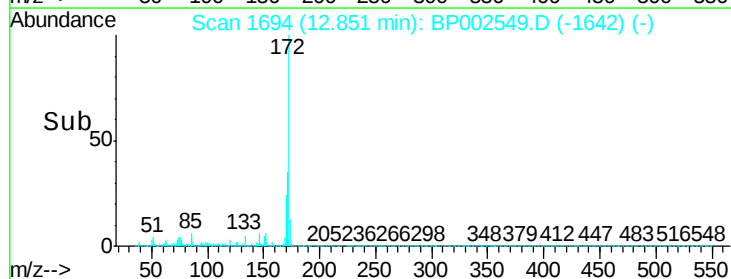
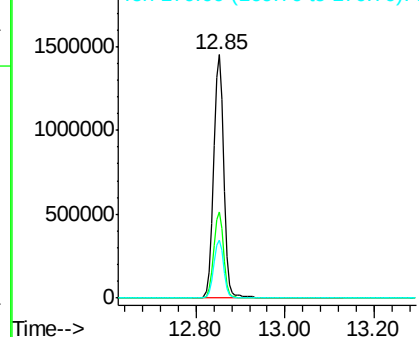


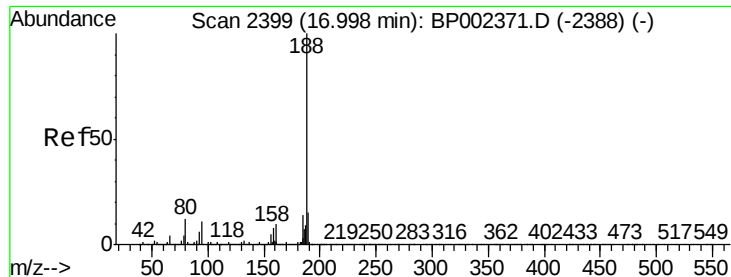
#45
2-Fluorobiphenyl
Concen: 90.727 ng
RT: 12.85 min Scan# 1694
Delta R.T. 0.01 min
Lab File: BP002549.D
Acq: 26 Jun 2020 13:53

Tgt Ion:172 Resp: 2353425
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.9 19.0 28.6



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: 16.99 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BP002549.D

Acq: 26 Jun 2020 13:53

Instrument :

BNA_P

ClientSampleId :

PB129787TB

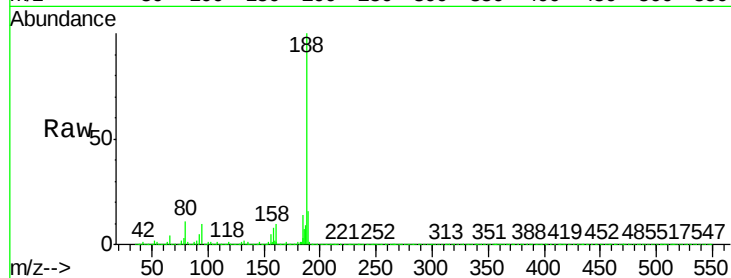
Tot Ion:188 Resp: 928132

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

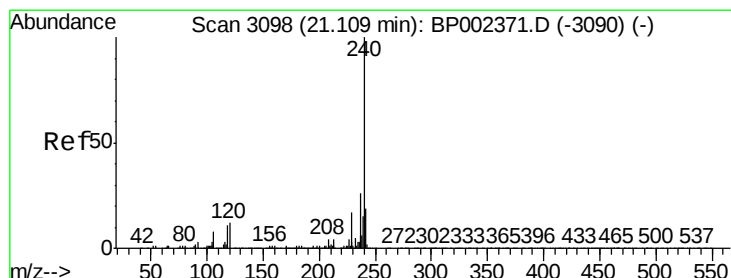
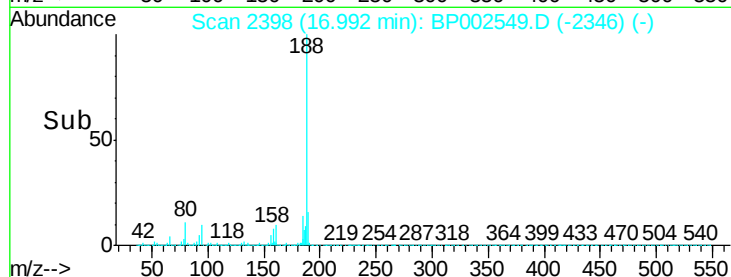
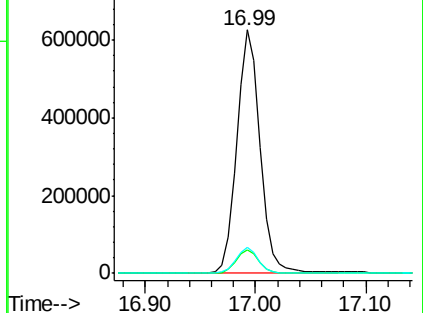
80 10.6 8.3 12.5



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: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002549.D

Acq: 26 Jun 2020 13:53

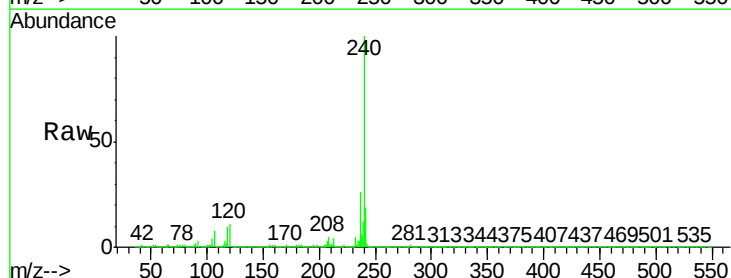
Tgt Ion:240 Resp: 888071

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

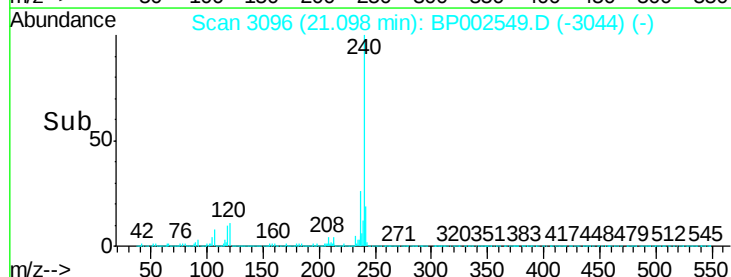
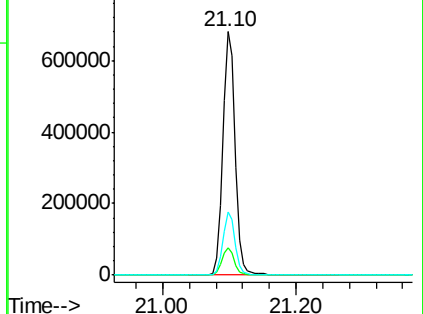
236 25.9 21.7 32.5

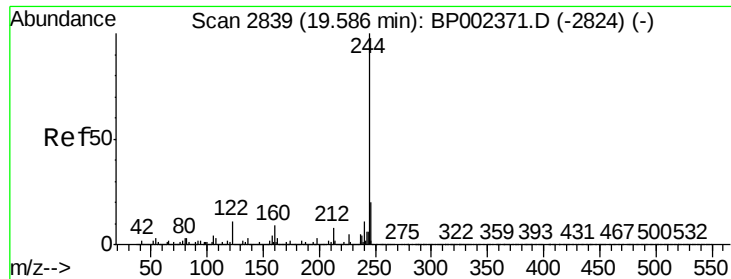


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.543 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BP002549.D

Acq: 26 Jun 2020 13:53

Instrument :

BNA_P

ClientSampleId :

PB129787TB

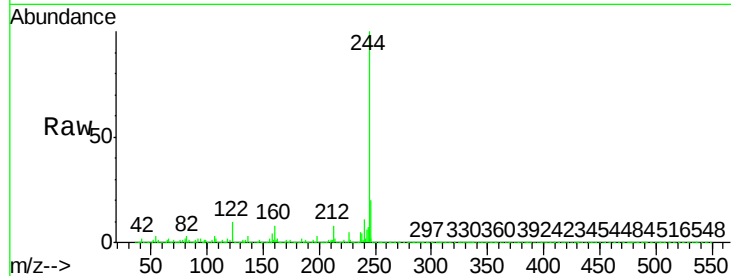
Tot Ion:244 Resp: 3228631

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

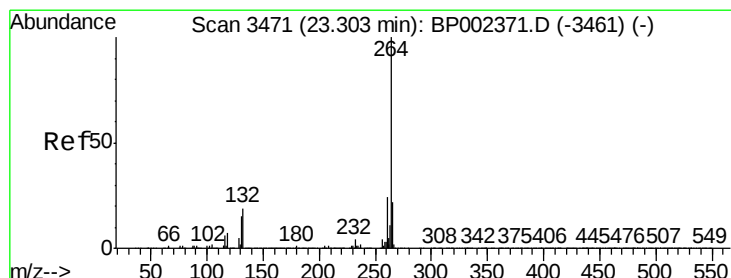
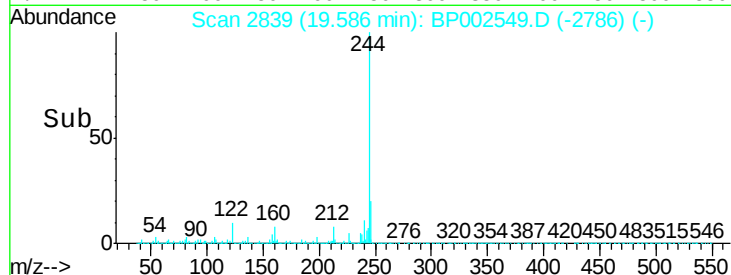
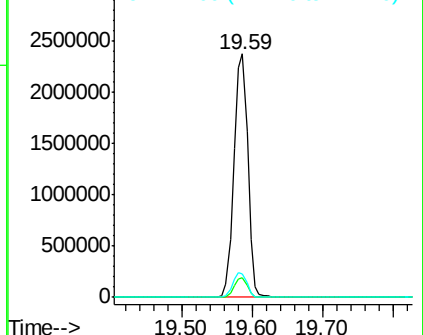
122 9.7 8.0 12.0



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: 23.30 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BP002549.D

Acq: 26 Jun 2020 13:53

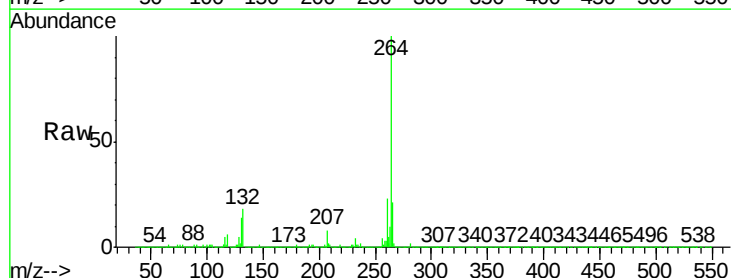
Tgt Ion:264 Resp: 962222

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 21.4 17.6 26.4



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

