

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
 Data File : BP001577.D
 Acq On : 09 Jan 2020 13:45
 Operator : JU
 Sample : PB125970BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125970BL

Quant Time: Jan 10 05:44:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	34768	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	139983	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	106325	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	269447	20.00	ng	0.00
76) Chrysene-d12	21.17	240	261093	20.00	ng	0.00
87) Perylene-d12	23.41	264	249742	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	215079	121.18	ng	0.00
7) Phenol-d6	6.86	99	321354	113.29	ng	0.00
23) Nitrobenzene-d5	8.81	82	232793	72.67	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	178587	110.34	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	557578	77.10	ng	0.00
79) Terphenyl-d14	19.66	244	1120129	78.47	ng	0.00

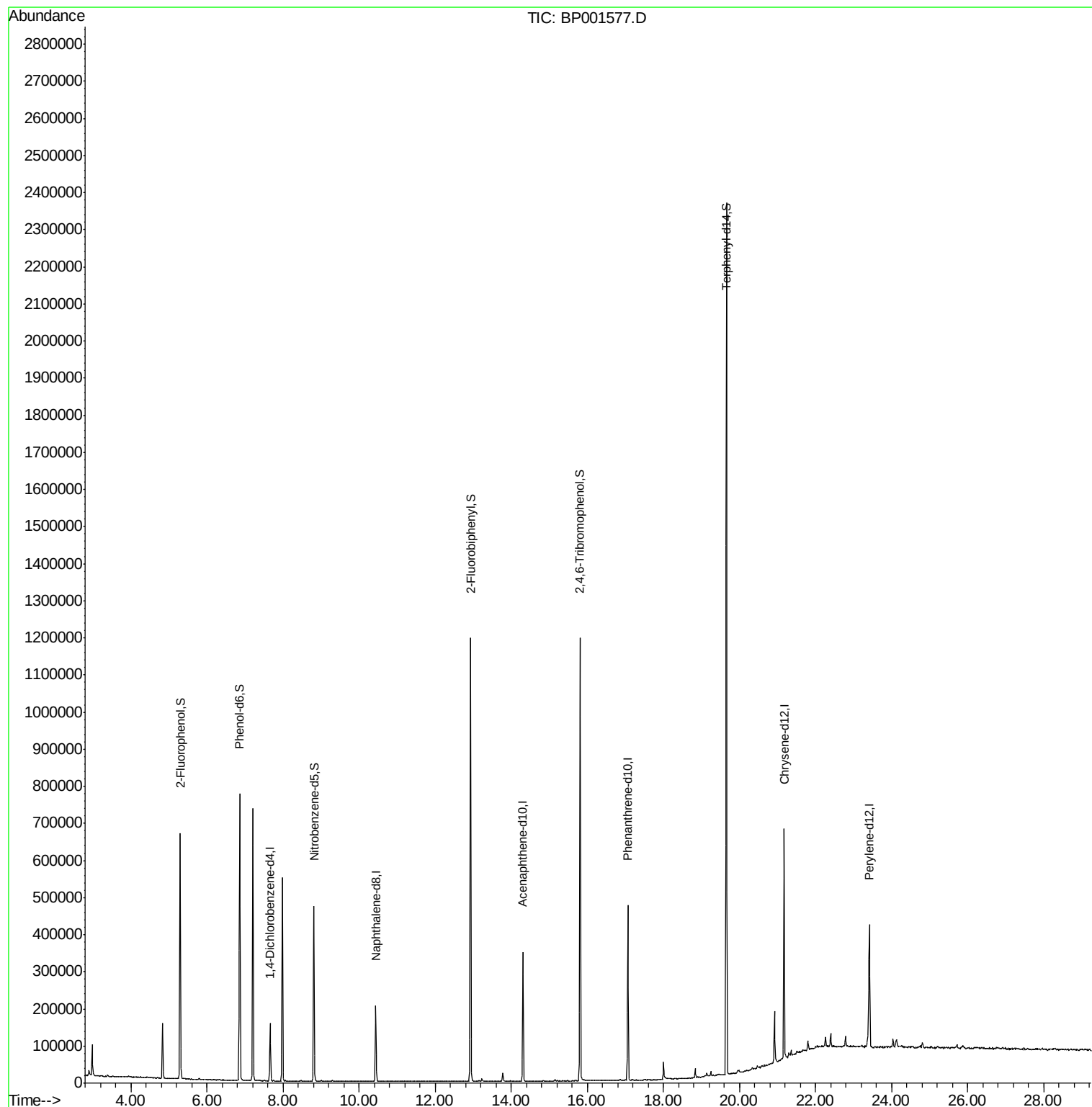
Target Compounds Qvalue

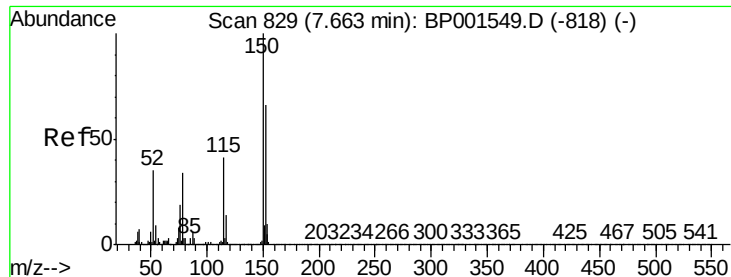
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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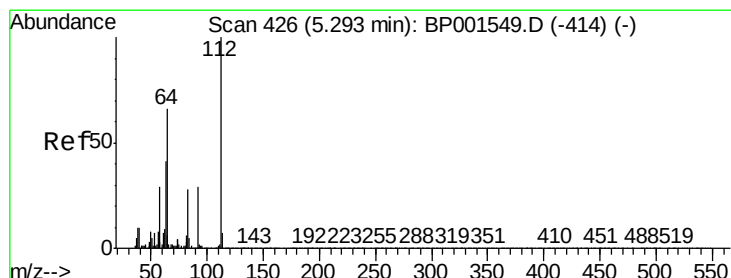
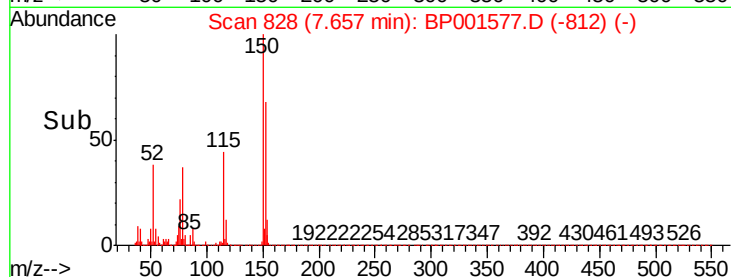
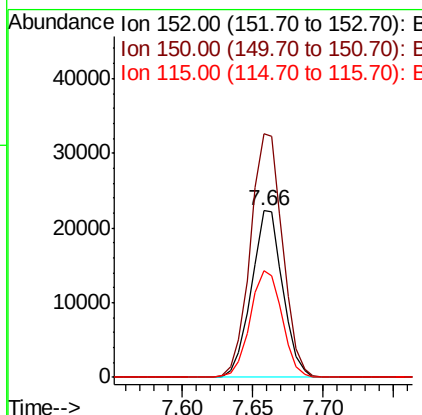
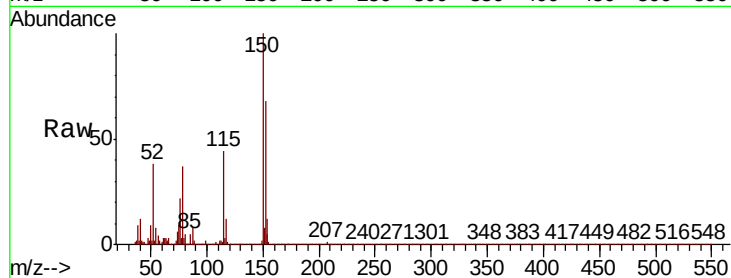


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001577.D
Acq: 09 Jan 2020 13:45

Instrument :
BNA_P
ClientSampleId :
PB125970BL

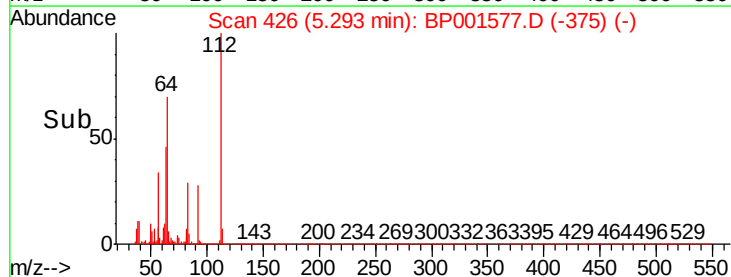
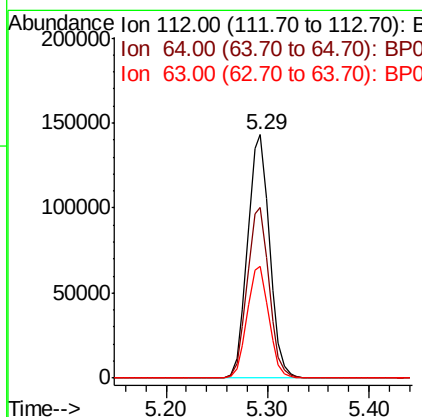
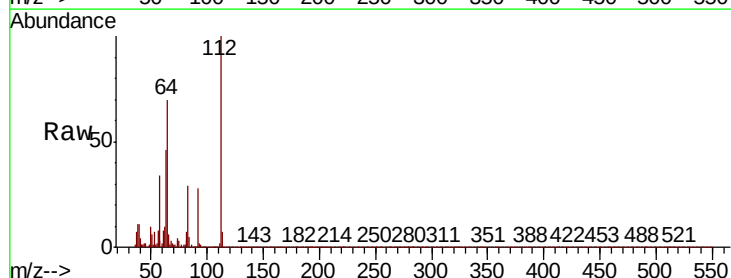
Tot Ion:152 Resp: 34768
Ion Ratio Lower Upper
152 100
150 146.2 122.0 183.0
115 63.7 50.7 76.1

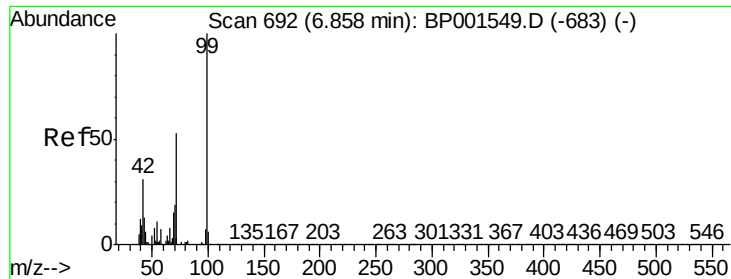


#5

2-Fluorophenol
Concen: 121.180 ng
RT: 5.29 min Scan# 426
Delta R.T. 0.00 min
Lab File: BP001577.D
Acq: 09 Jan 2020 13:45

Tgt Ion:112 Resp: 215079
Ion Ratio Lower Upper
112 100
64 70.1 52.8 79.2
63 45.9 33.1 49.7





#7

Phenol-d6

Concen: 113.289 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001577.D

Acq: 09 Jan 2020 13:45

Instrument :

BNA_P

ClientSampleId :

PB125970BL

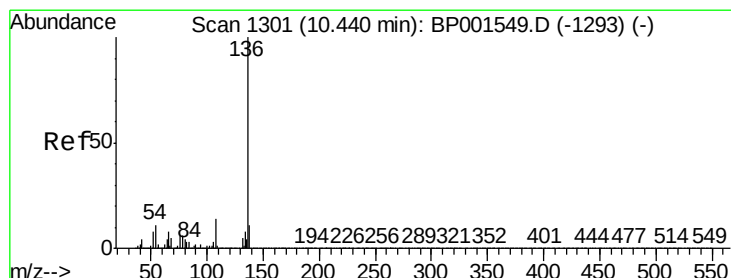
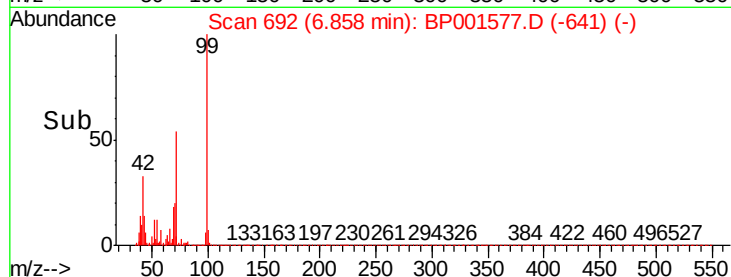
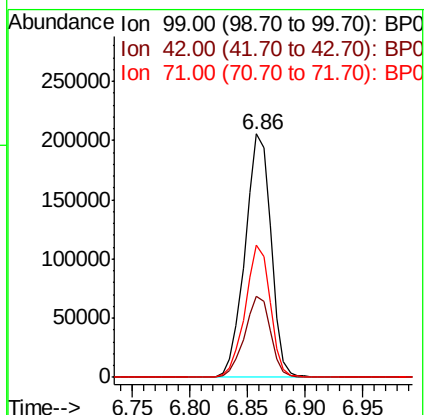
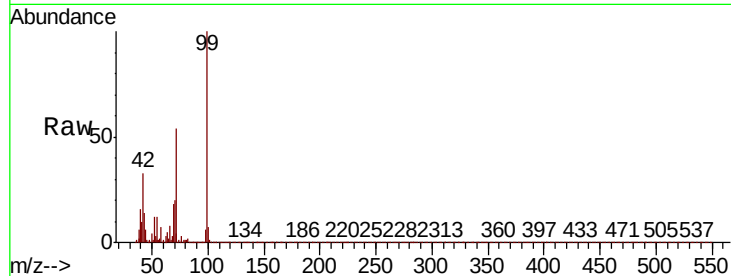
Tot Ion: 99 Resp: 321354

Ion Ratio Lower Upper

99 100

42 33.5 24.5 36.7

71 54.3 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BP001577.D

Acq: 09 Jan 2020 13:45

Tgt Ion: 136 Resp: 139983

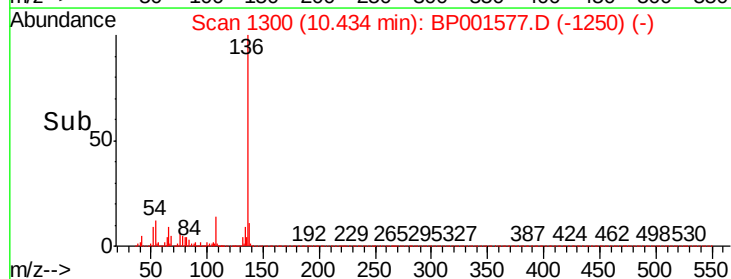
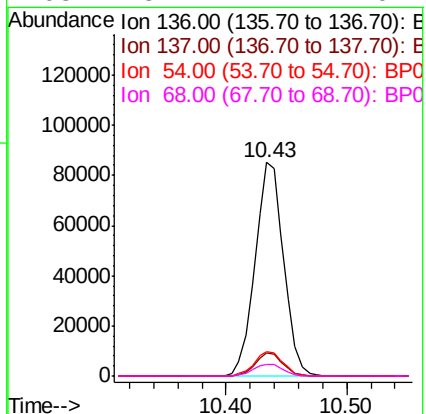
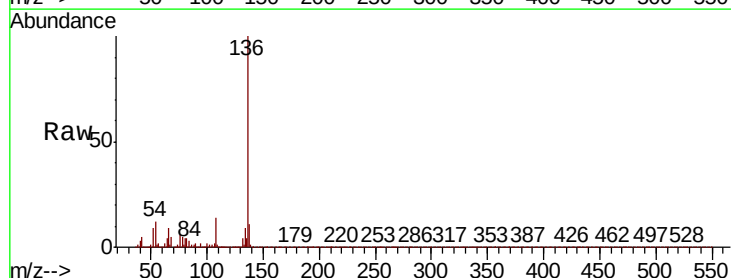
Ion Ratio Lower Upper

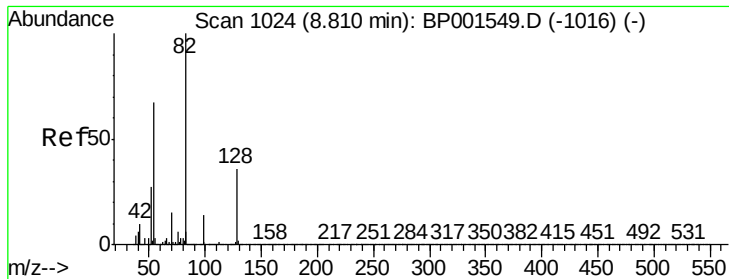
136 100

137 11.1 8.6 12.8

54 11.5 9.2 13.8

68 5.4 4.1 6.1

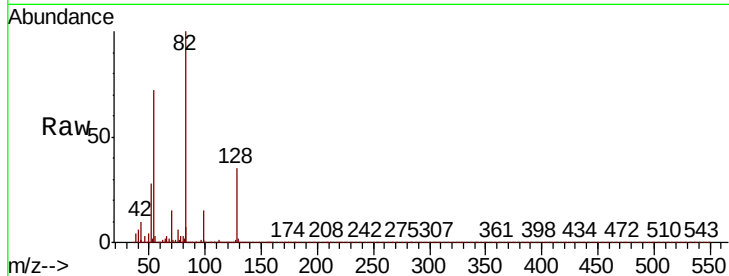




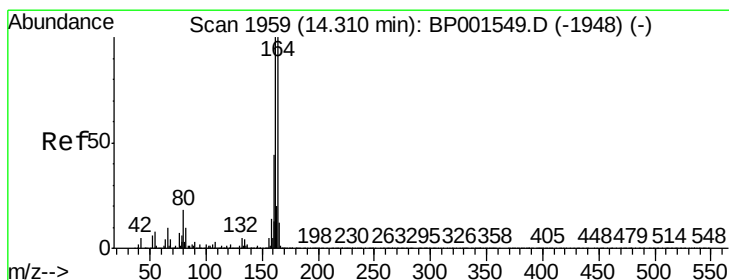
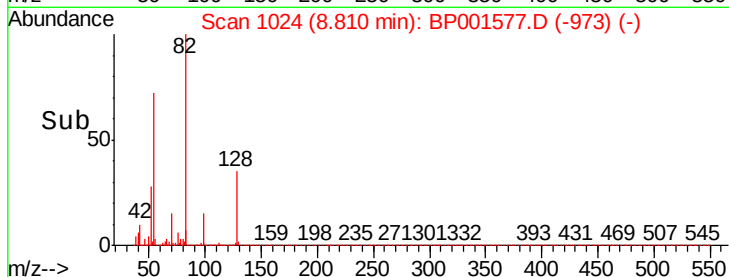
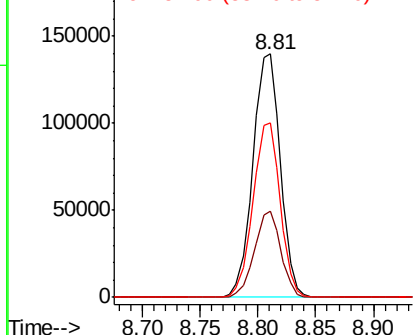
#23
Nitrobenzene-d5
Concen: 72.669 ng
RT: 8.81 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BP001577.D
Acq: 09 Jan 2020 13:45

Instrument :
BNA_P
ClientSampleId :
PB125970BL

Tot Ion	82	Resp	232793
Ion Ratio	Lower	Upper	
82	100		
128	35.3	28.4	42.6
54	71.5	53.4	80.2

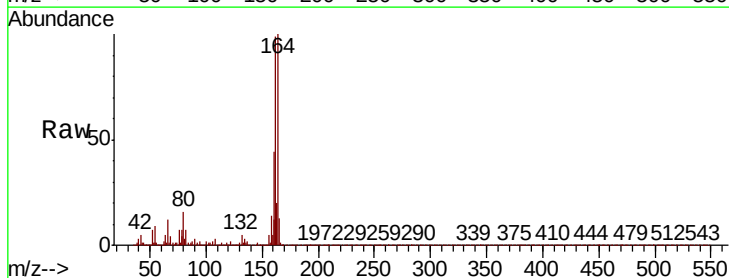


Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

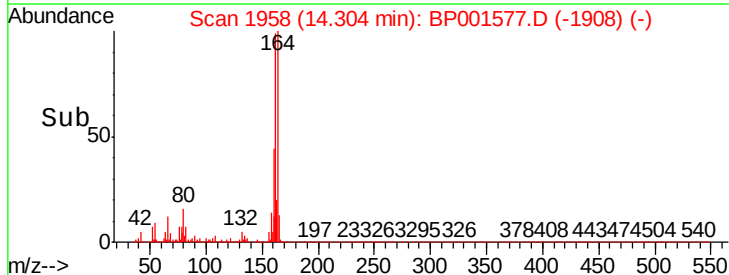
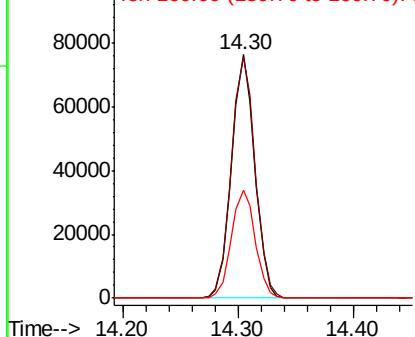


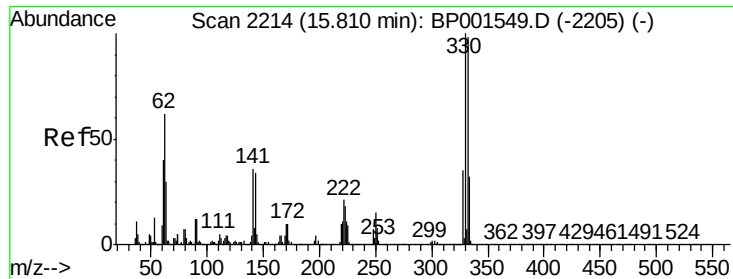
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BP001577.D
Acq: 09 Jan 2020 13:45

Tgt Ion	164	Resp	106325
Ion Ratio	Lower	Upper	
164	100		
162	99.0	79.8	119.6
160	44.2	35.0	52.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

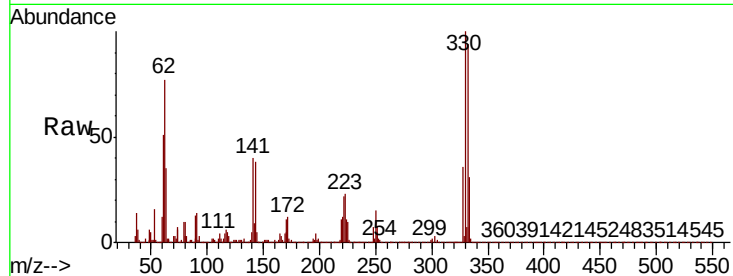




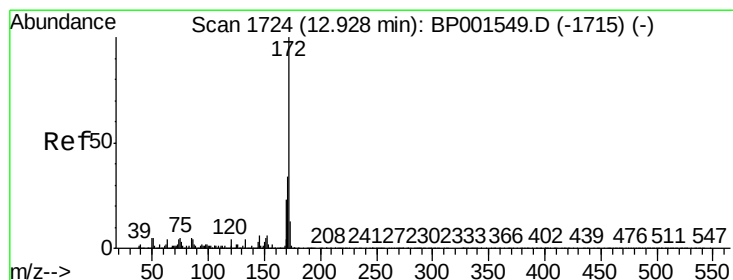
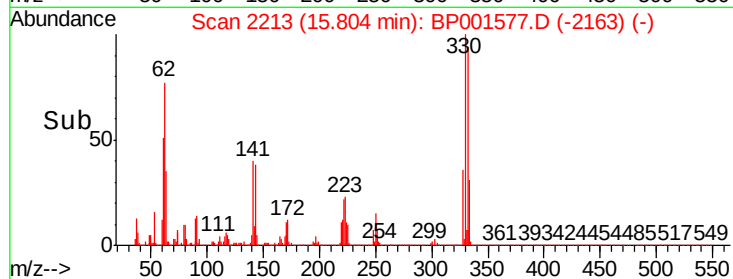
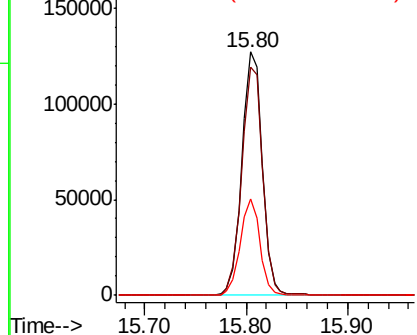
#42
2,4,6-Tribromophenol
Concen: 110.343 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001577.D
Acq: 09 Jan 2020 13:45

Instrument :
BNA_P
ClientSampleId :
PB125970BL

Tot Ion:330 Resp: 178587
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.6
141 38.0 28.7 43.1

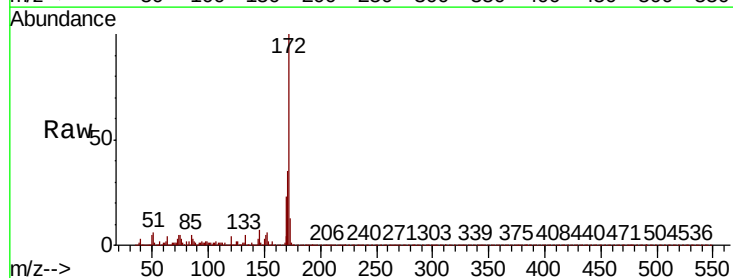


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

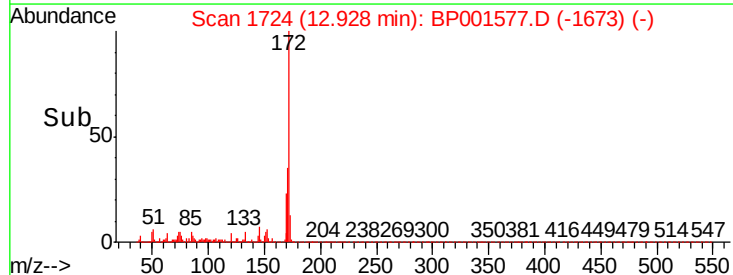
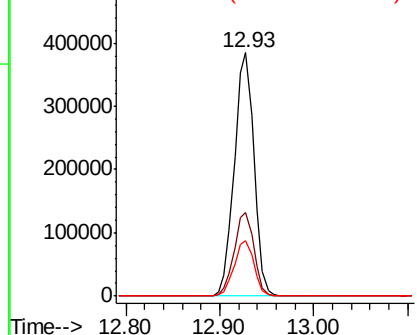


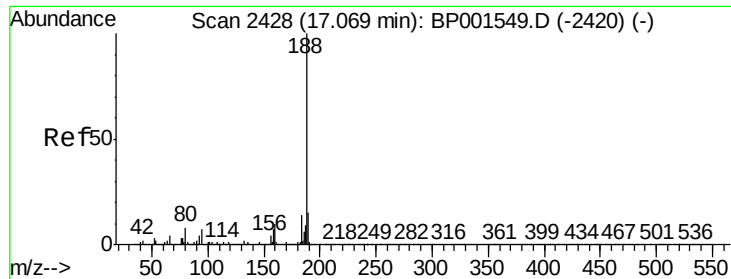
#45
2-Fluorobiphenyl
Concen: 77.103 ng
RT: 12.93 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BP001577.D
Acq: 09 Jan 2020 13:45

Tgt Ion:172 Resp: 557578
Ion Ratio Lower Upper
172 100
171 34.5 27.6 41.4
170 22.5 18.3 27.5



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: 17.06 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BP001577.D

Acq: 09 Jan 2020 13:45

Instrument :

BNA_P

ClientSampleId :

PB125970BL

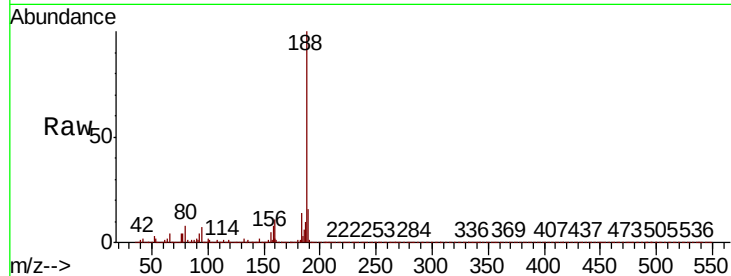
Tot Ion:188 Resp: 269447

Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

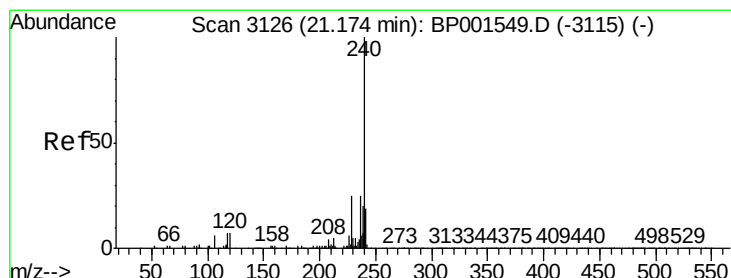
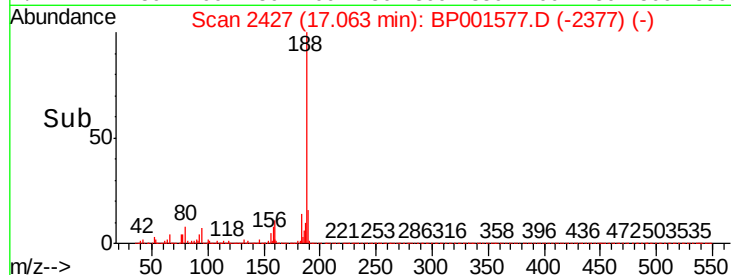
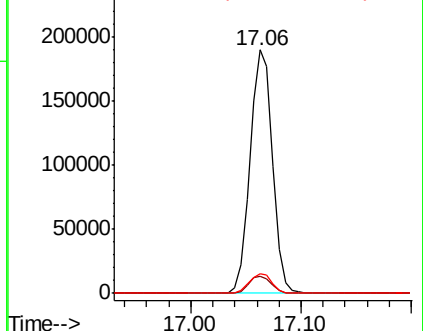
80 8.2 6.8 10.2



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: 21.17 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BP001577.D

Acq: 09 Jan 2020 13:45

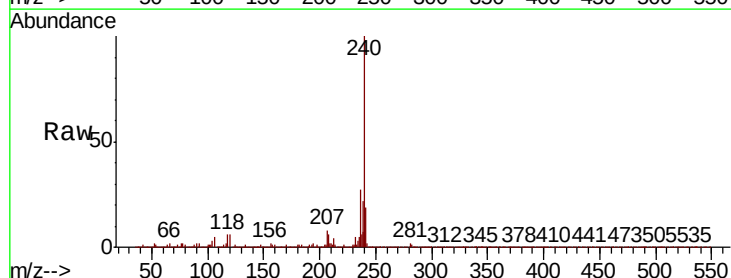
Tgt Ion:240 Resp: 261093

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

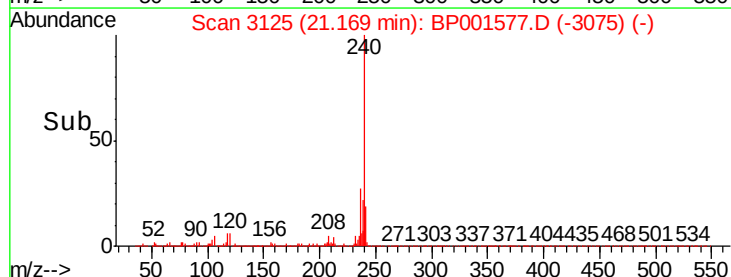
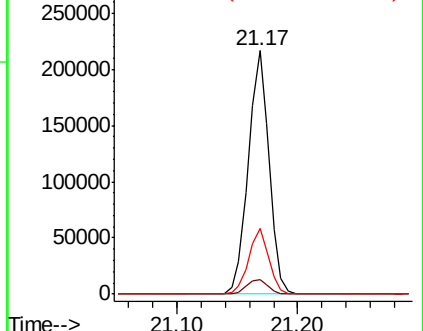
236 26.9 20.4 30.6

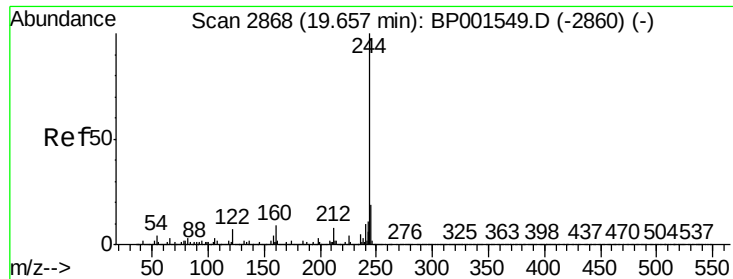


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.468 ng

RT: 19.66 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BP001577.D

Acq: 09 Jan 2020 13:45

Instrument :

BNA_P

ClientSampleId :

PB125970BL

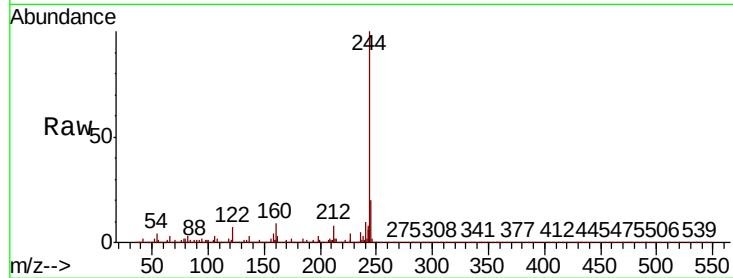
Tot Ion:244 Resp: 1120129

Ion Ratio Lower Upper

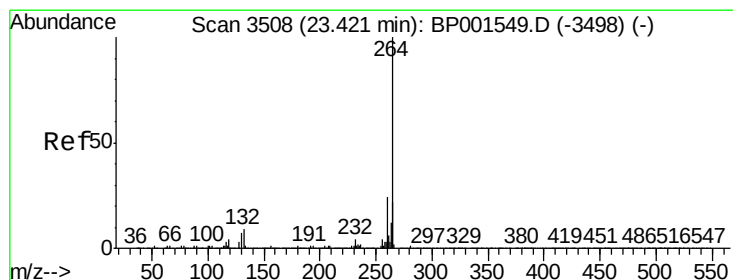
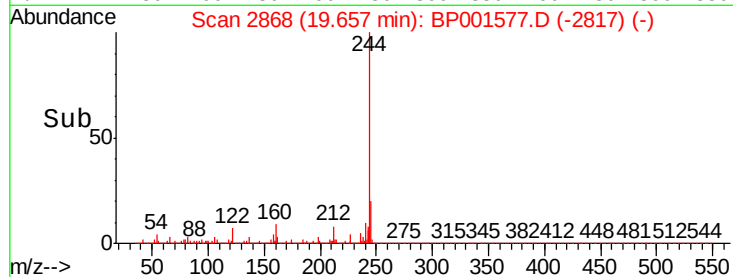
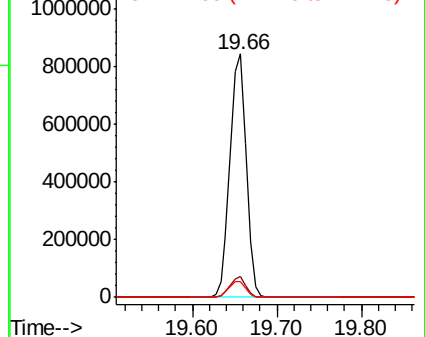
244 100

212 8.4 6.3 9.5

122 6.5 5.8 8.6



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: 23.41 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BP001577.D

Acq: 09 Jan 2020 13:45

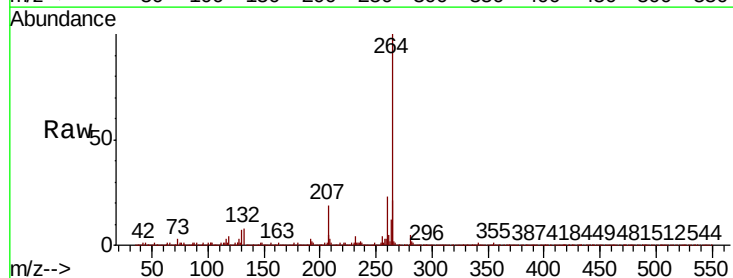
Tgt Ion:264 Resp: 249742

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.5 18.2 27.4



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

