

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001593.D
 Acq On : 14 Jan 2020 18:25
 Operator : JU
 Sample : PB126085TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB126085TB

Quant Time: Jan 14 22:03:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	26511	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	91172	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	60992	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	145746	20.00	ng	0.00
76) Chrysene-d12	21.15	240	140525	20.00	ng	0.00
87) Perylene-d12	23.39	264	144080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	190075	140.45	ng	0.00
7) Phenol-d6	6.83	99	233747	108.07	ng	0.00
23) Nitrobenzene-d5	8.79	82	210270	100.78	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	124429	134.02	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	442554	106.68	ng	0.00
79) Terphenyl-d14	19.64	244	849024	110.51	ng	0.00

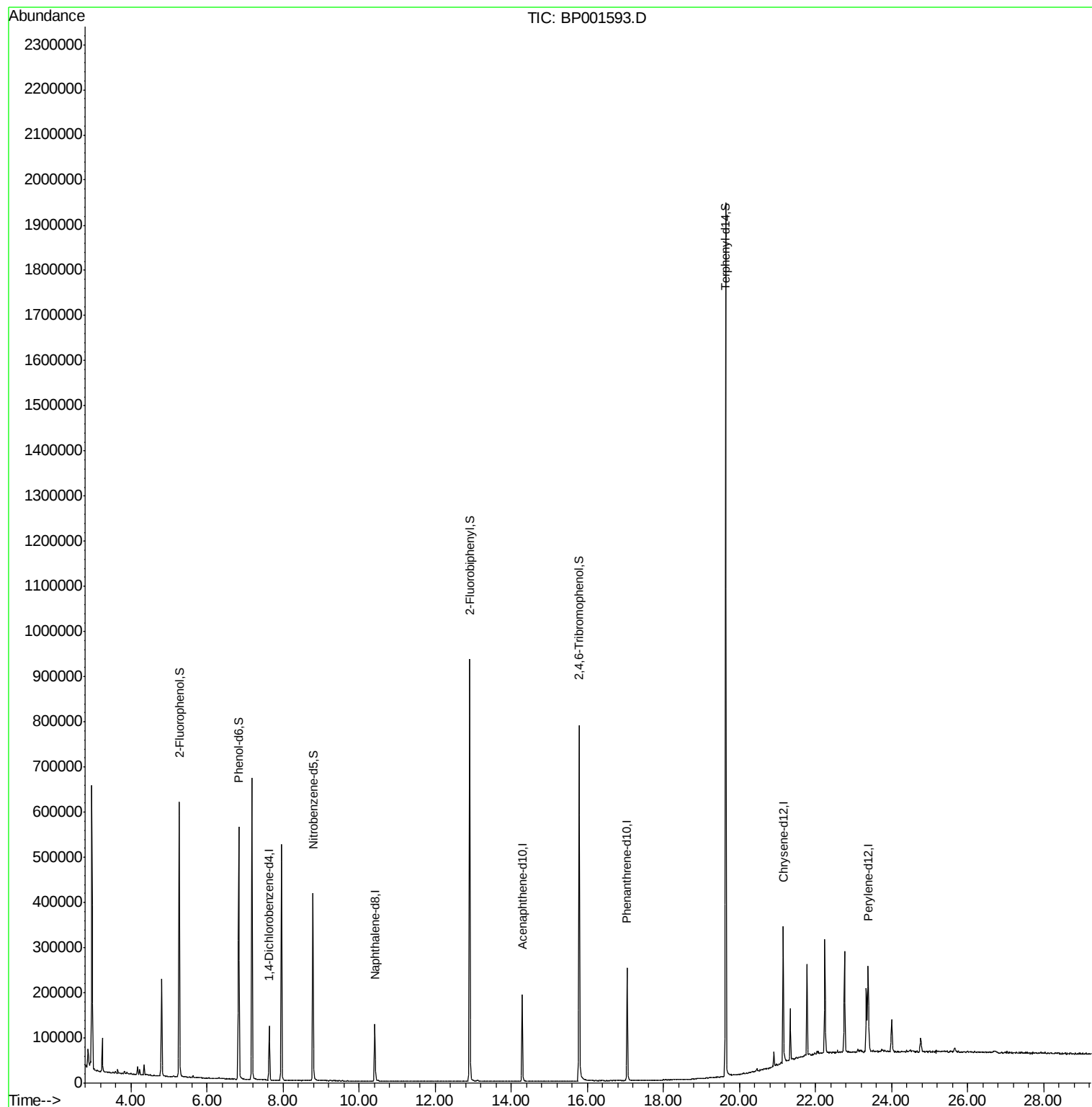
Target Compounds Qvalue

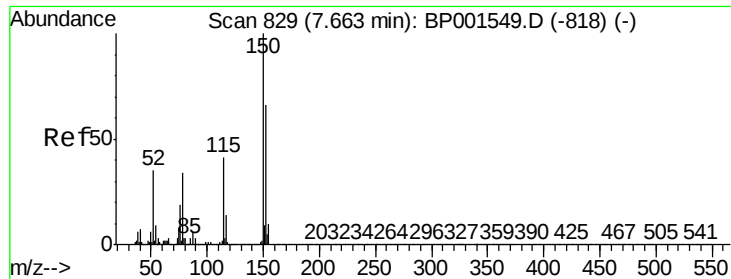
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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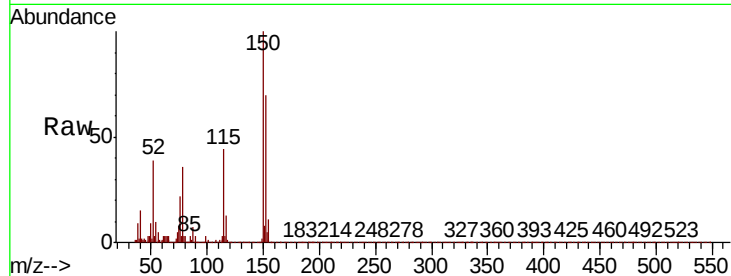


#1

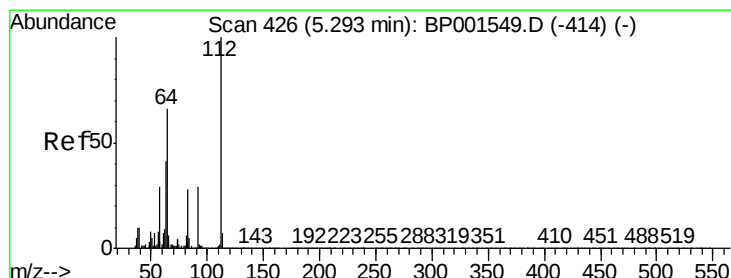
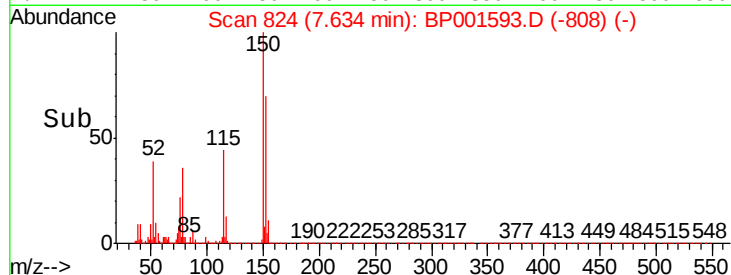
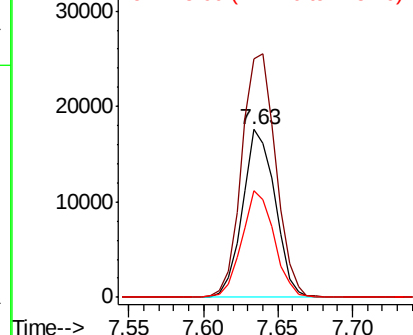
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001593.D
Acq: 14 Jan 2020 18:25

Instrument :
BNA_P
ClientSampleId :
PB126085TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	122.0	183.0
115	63.4	50.7	76.1



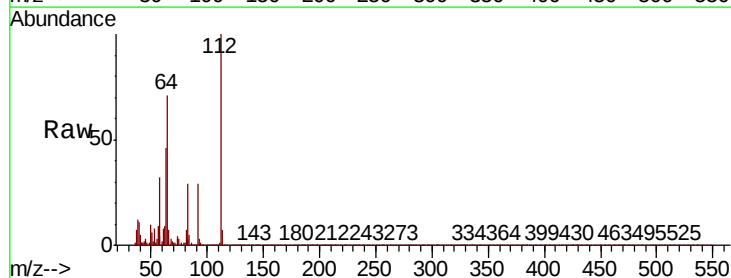
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



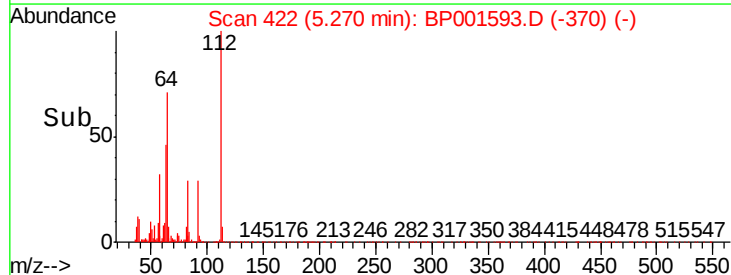
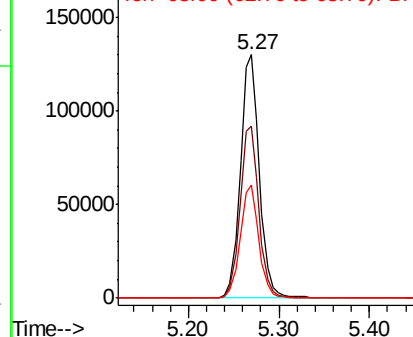
#5

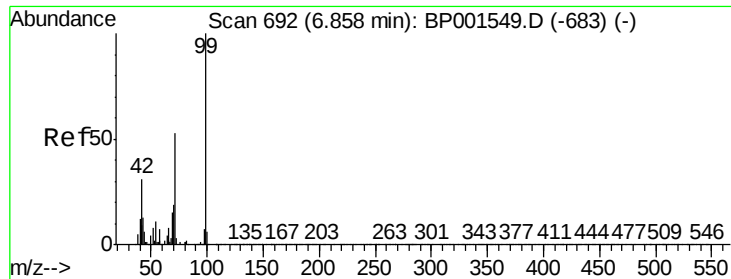
2-Fluorophenol
Concen: 140.447 ng
RT: 5.27 min Scan# 422
Delta R.T. 0.01 min
Lab File: BP001593.D
Acq: 14 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	52.8	79.2
63	46.3	33.1	49.7



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: 108.070 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001593.D

Acq: 14 Jan 2020 18:25

Instrument :

BNA_P

ClientSampleId :

PB126085TB

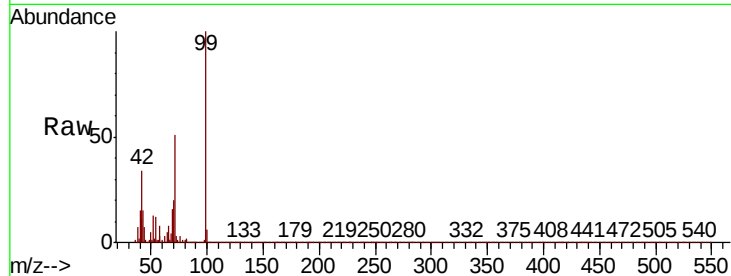
Tot Ion: 99 Resp: 233747

Ion Ratio Lower Upper

99 100

42 34.2 24.5 36.7

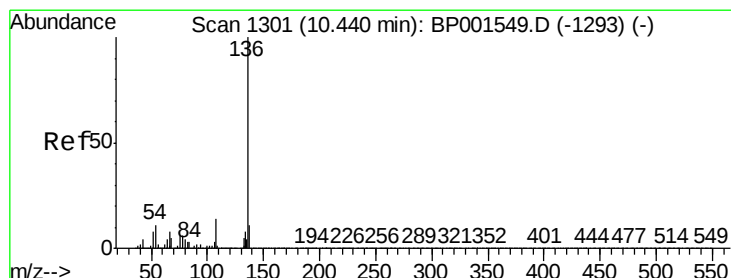
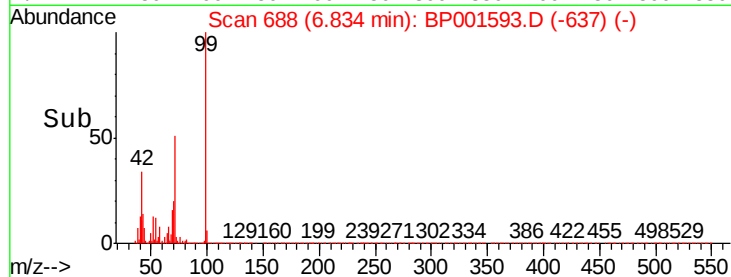
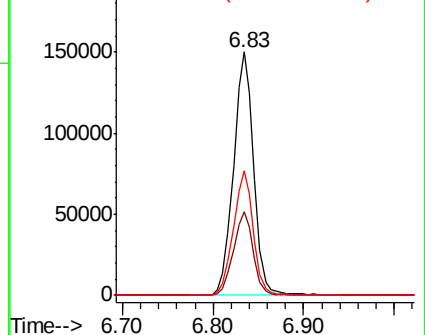
71 51.4 42.4 63.6



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: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001593.D

Acq: 14 Jan 2020 18:25

Tgt Ion: 136 Resp: 91172

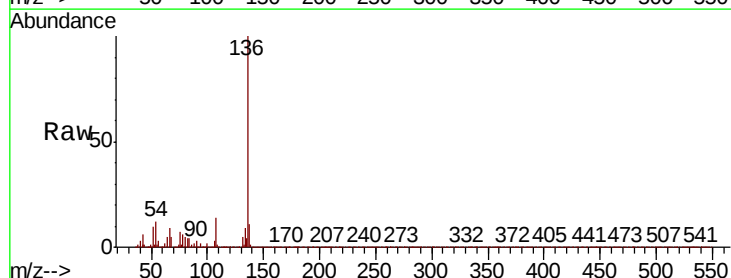
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 12.4 9.2 13.8

68 5.3 4.1 6.1

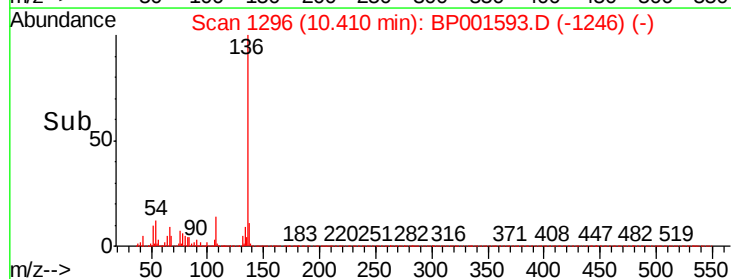
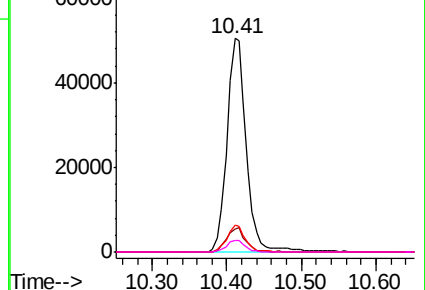


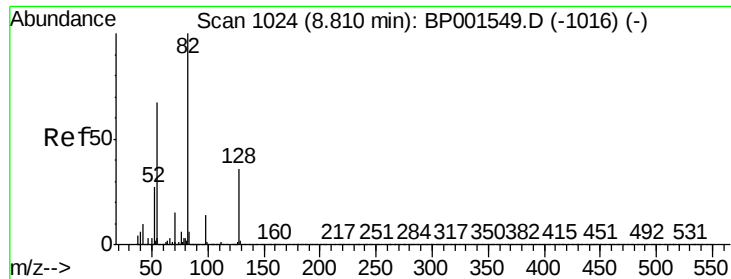
Abundance Ion 136.00 (135.70 to 136.70): E

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

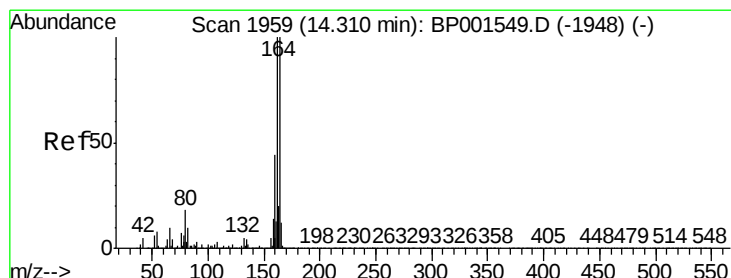
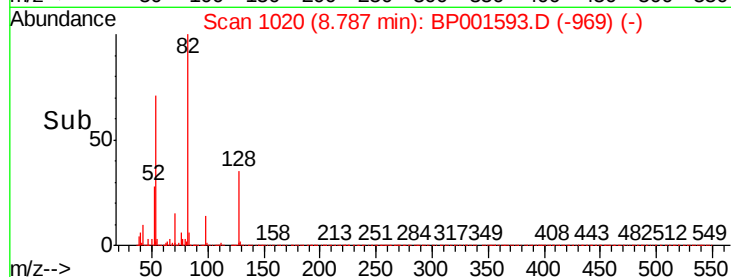
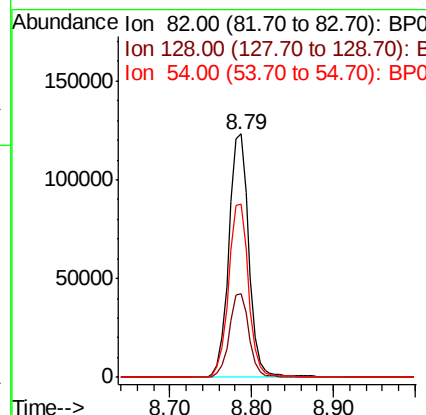
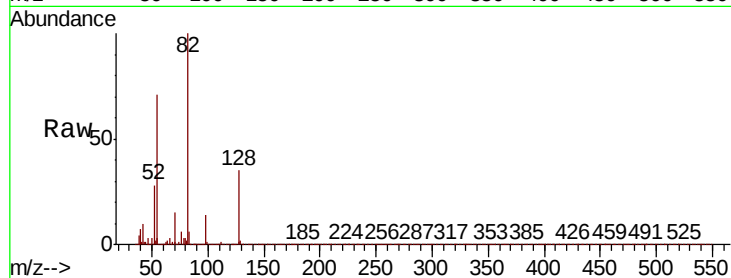




#23
Nitrobenzene-d5
Concen: 100.780 ng
RT: 8.79 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BP001593.D
Acq: 14 Jan 2020 18:25

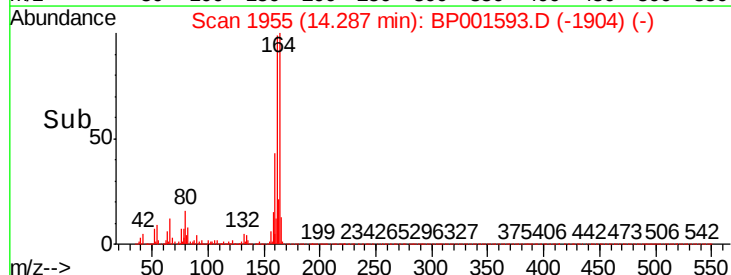
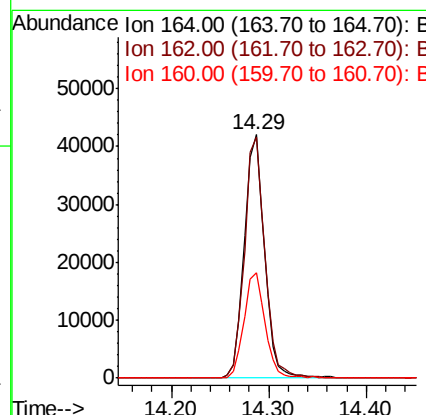
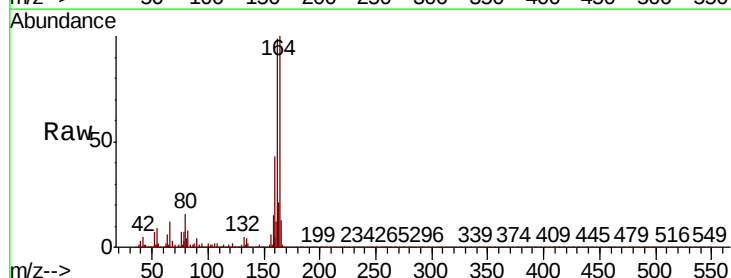
Instrument :
BNA_P
ClientSampleId :
PB126085TB

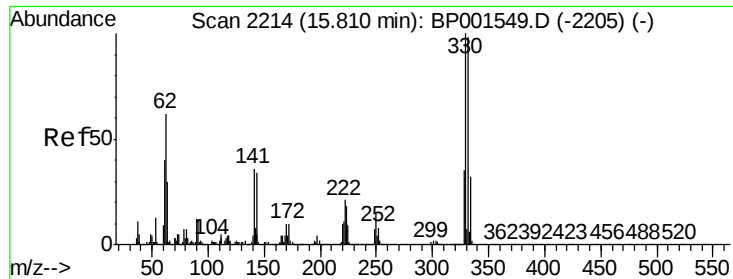
Tot Ion	82	Resp	210270
Ion Ratio	Lower	Upper	
82	100		
128	34.5	28.4	42.6
54	71.3	53.4	80.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BP001593.D
Acq: 14 Jan 2020 18:25

Tgt Ion	164	Resp	60992
Ion Ratio	Lower	Upper	
164	100		
162	99.0	79.8	119.6
160	43.1	35.0	52.6

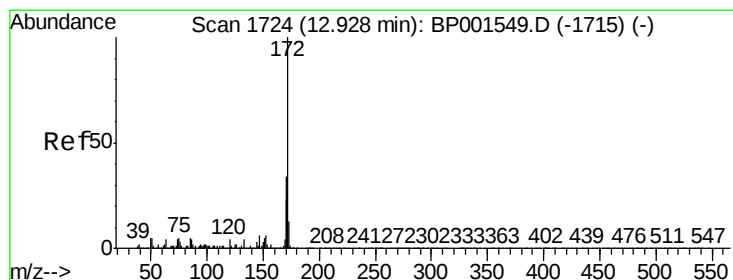
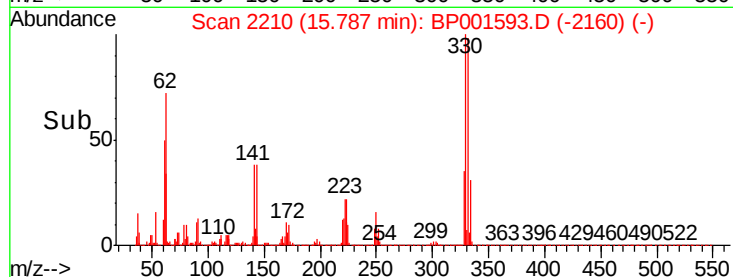
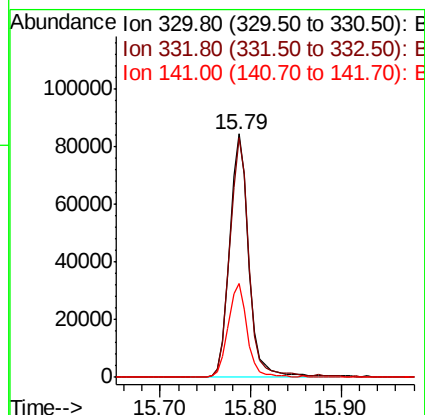
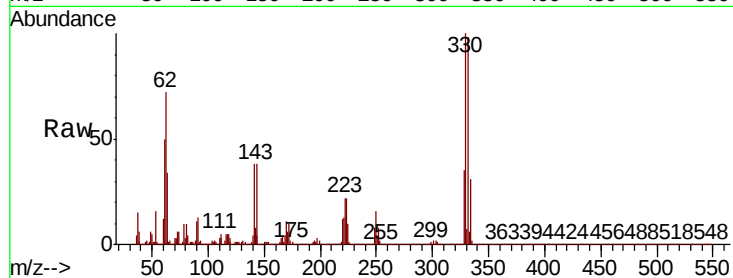




#42
 2,4,6-Tribromophenol
 Concen: 134.022 ng
 RT: 15.79 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BP001593.D
 Acq: 14 Jan 2020 18:25

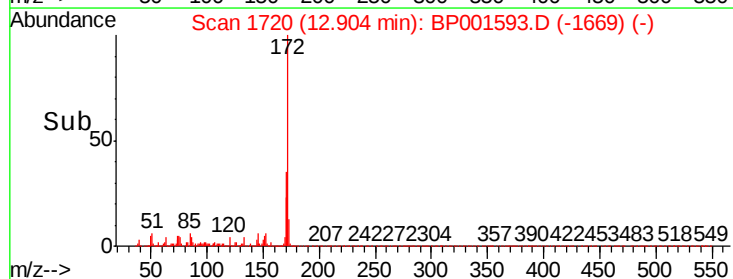
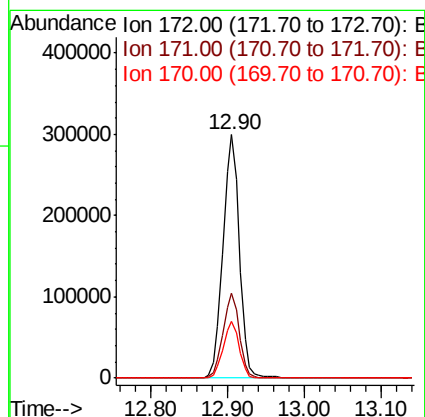
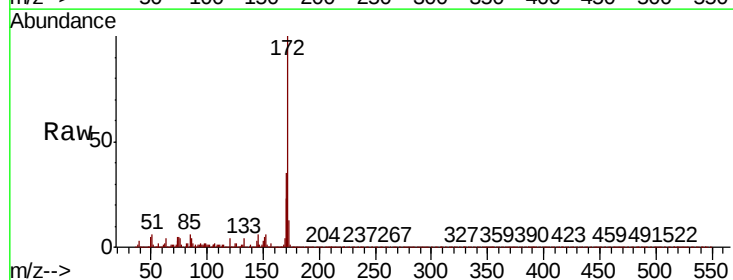
Instrument :
 BNA_P
 ClientSampleId :
 PB126085TB

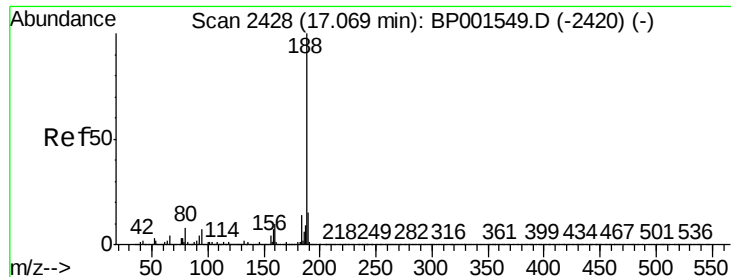
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	37.7	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 106.682 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BP001593.D
 Acq: 14 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.6	41.4
170	23.2	18.3	27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001593.D

Acq: 14 Jan 2020 18:25

Instrument :

BNA_P

ClientSampleId :

PB126085TB

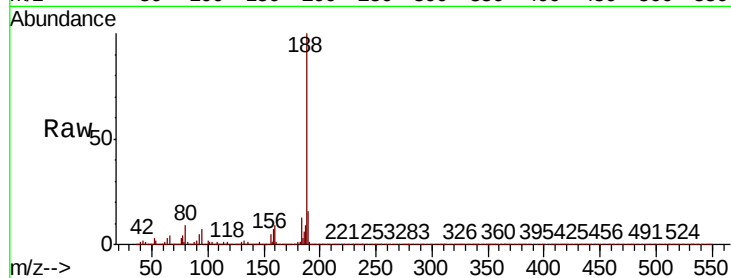
Tot Ion:188 Resp: 145746

Ion Ratio Lower Upper

188 100

94 6.9 5.9 8.9

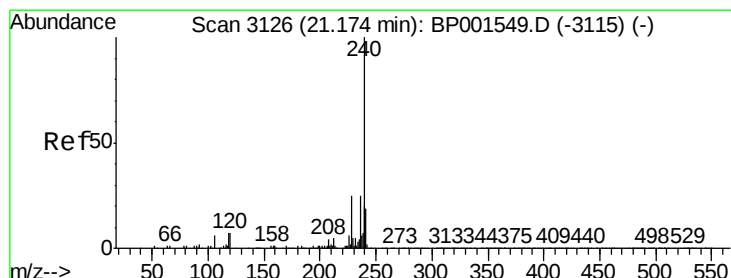
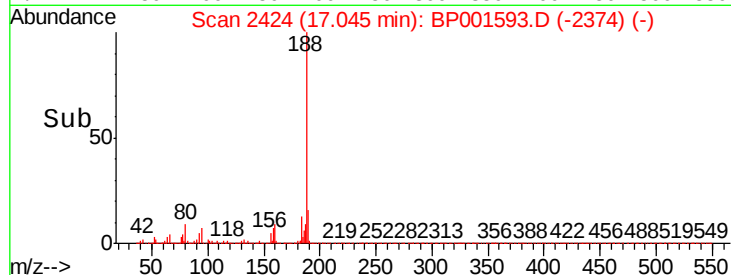
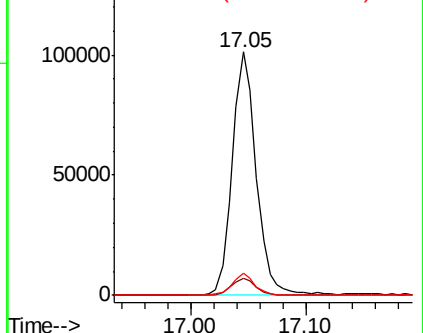
80 9.3 6.8 10.2



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: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001593.D

Acq: 14 Jan 2020 18:25

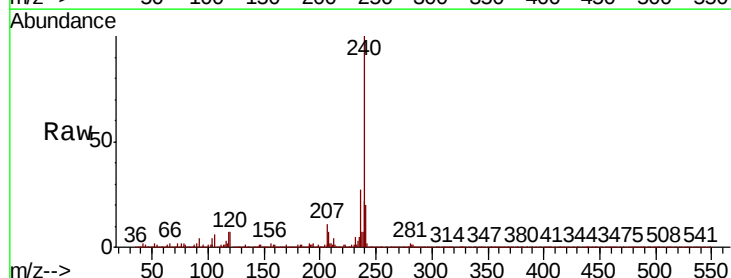
Tgt Ion:240 Resp: 140525

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

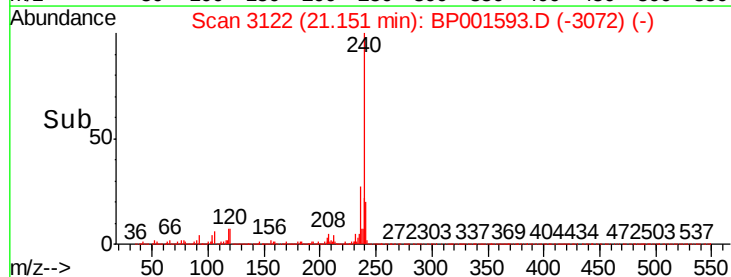
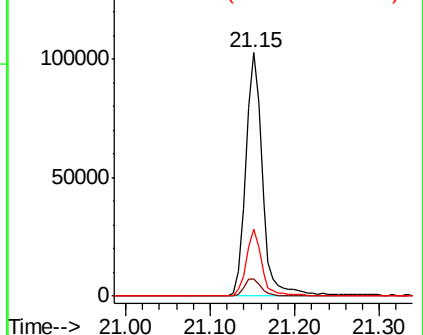
236 27.4 20.4 30.6

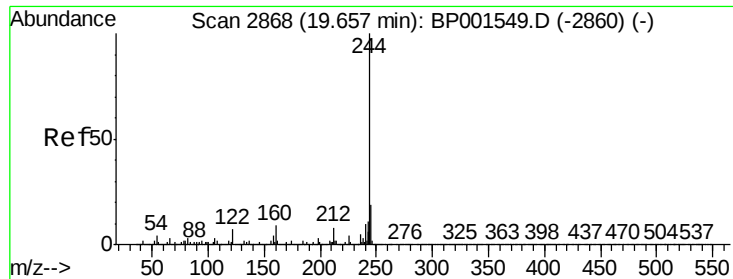


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.507 ng

RT: 19.64 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BP001593.D

Acq: 14 Jan 2020 18:25

Instrument :

BNA_P

ClientSampleId :

PB126085TB

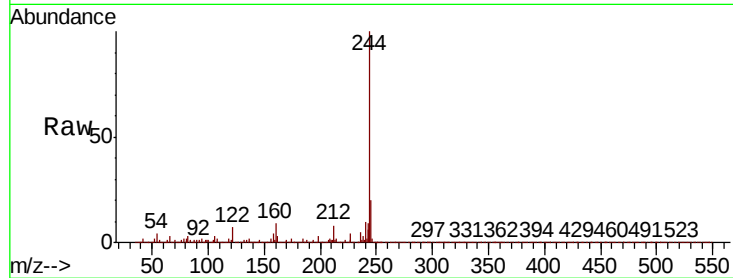
Tot Ion:244 Resp: 849024

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

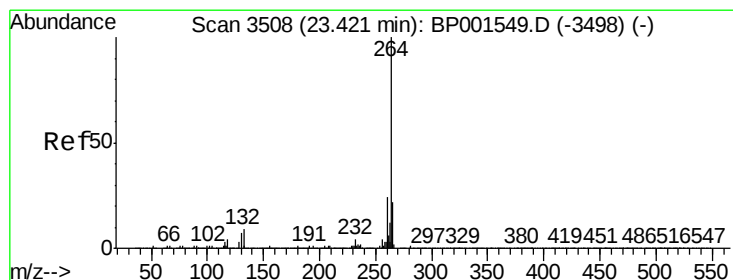
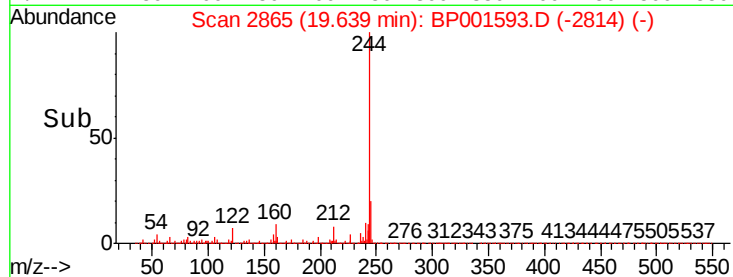
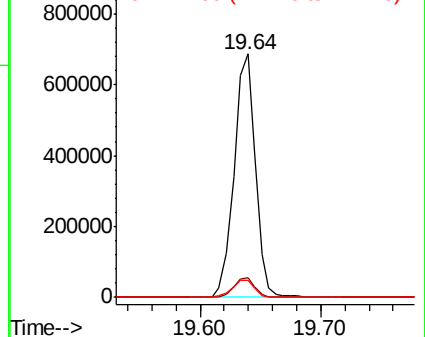
122 6.9 5.8 8.6



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: 23.39 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BP001593.D

Acq: 14 Jan 2020 18:25

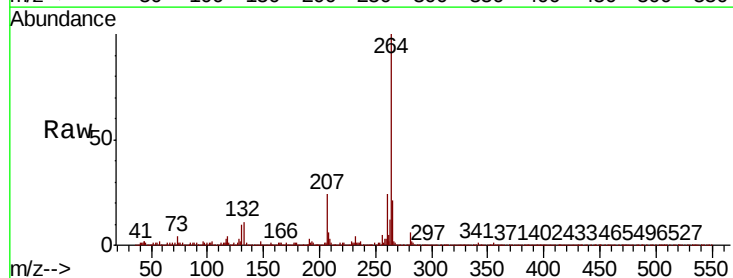
Tgt Ion:264 Resp: 144080

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 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

