

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002591.D
 Acq On : 01 Jul 2020 06:25
 Operator : CG/JU
 Sample : PB129875TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129875TB

Quant Time: Jul 01 07:32:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	147518	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	609326	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	481532	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	987930	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1020944	20.00	ng	0.00
86) Perylene-d12	23.28	264	1092893	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1645484	188.86	ng	0.00
7) Phenol-d6	6.77	99	1589276	130.69	ng	0.00
23) Nitrobenzene-d5	8.72	82	1572605	132.98	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	955754	163.19	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2518273	76.97	ng	0.00
79) Terphenyl-d14	19.57	244	4082443	86.31	ng	0.00

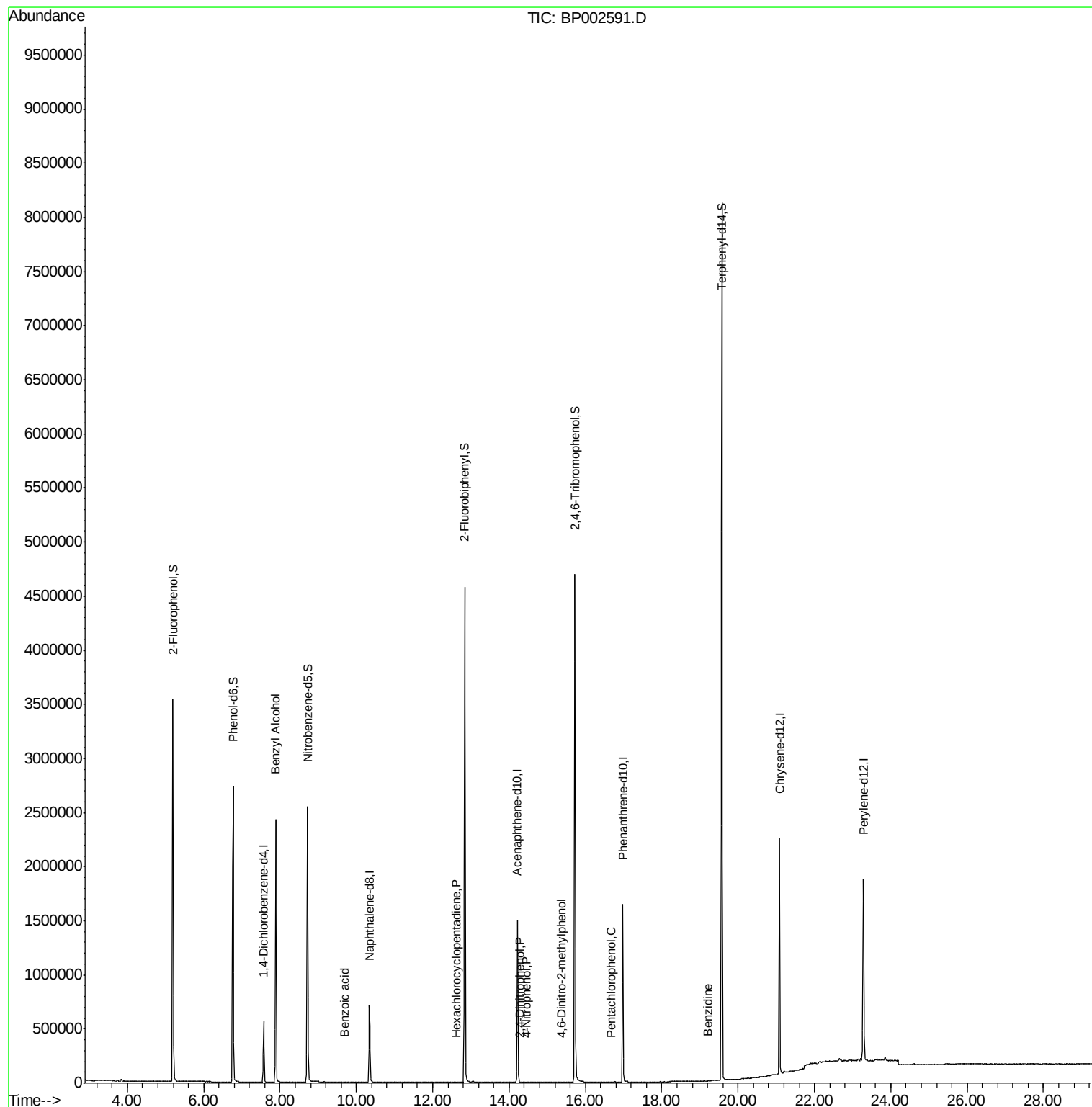
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.69	77	132	Below Cal		# 20
15) Benzyl Alcohol	7.89	79	20066	2.196	ng	# 53
32) Benzoic acid	9.70	122	24	8.702	ng	# 1
41) Hexachlorocyclopentadiene	12.62	237	19	4.384	ng	# 82
54) 2,4-Dinitrophenol	14.29	184	19	6.012	ng	# 89
56) 4-Nitrophenol	14.45	139	10	2.437	ng	# 60
65) 4,6-Dinitro-2-methylphenol	15.36	198	13	2.712	ng	# 1
70) Pentachlorophenol	16.67	266	34	2.667	ng	# 91
77) Benzidine	19.20	184	275	3.762	ng	# 82

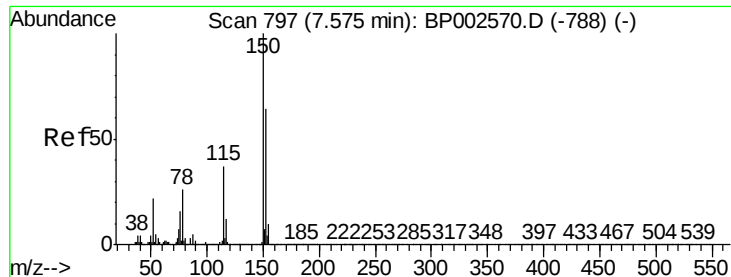
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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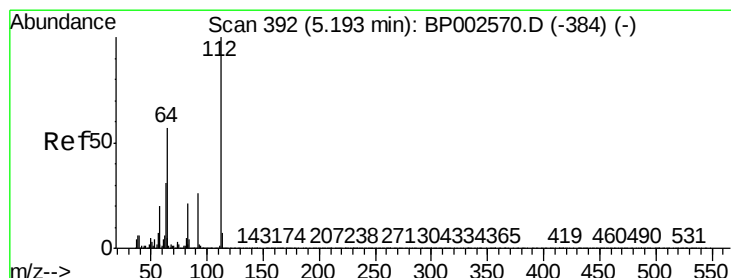
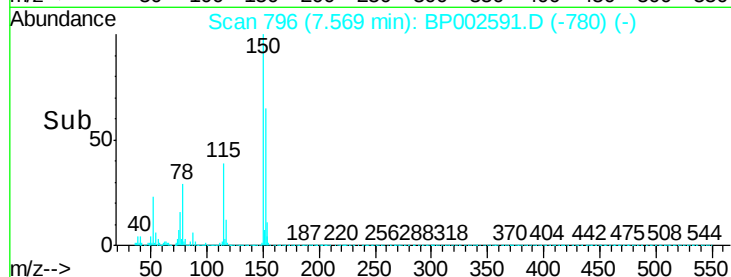
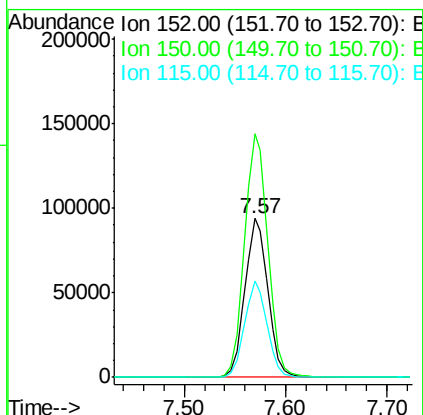
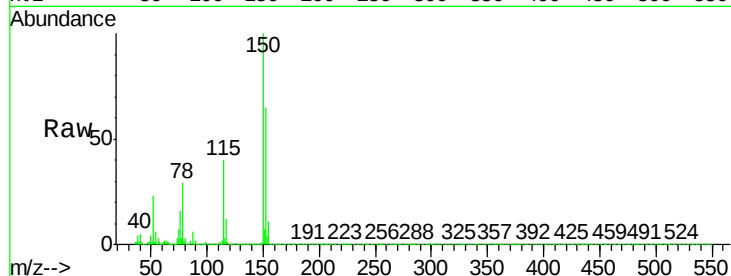


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Instrument :
BNA_P
ClientSampleId :
PB129875TB

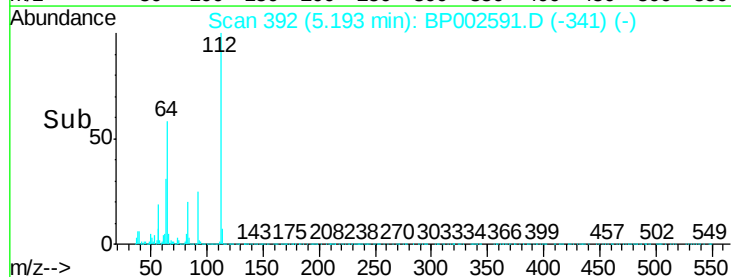
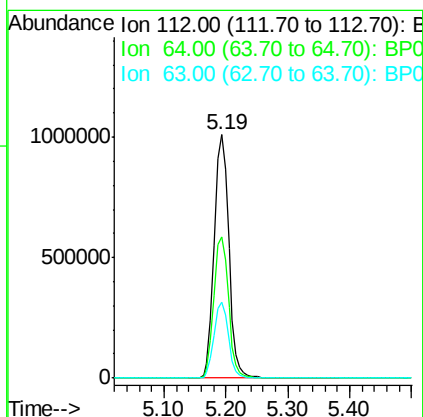
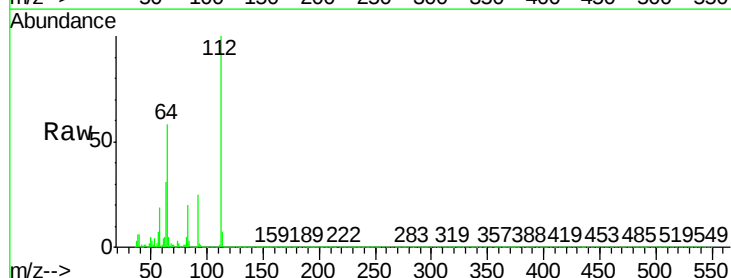
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.2
115	60.5	47.1	70.7

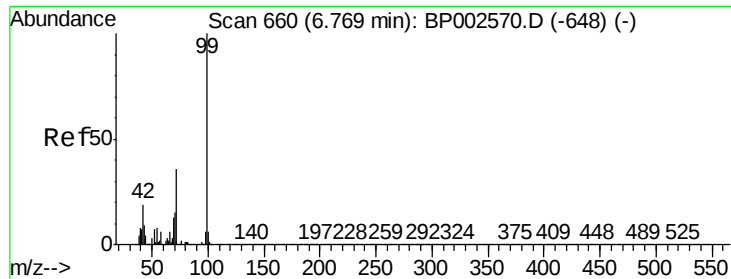


#5

2-Fluorophenol
Concen: 188.858 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.0	70.6
63	31.3	26.1	39.1





#7

Phenol-d6

Concen: 130.688 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002591.D

Acq: 01 Jul 2020 06:25

Instrument :

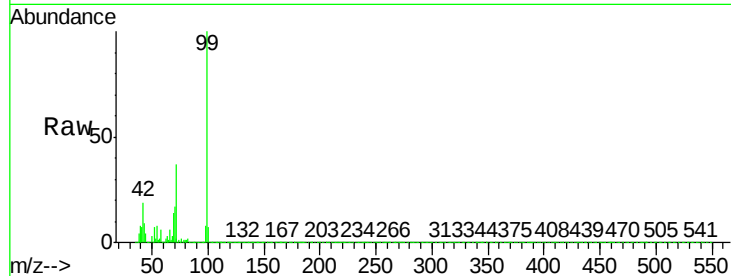
BNA_P

ClientSampleId :

PB129875TB

Tot Ion: 99 Resp: 1589276

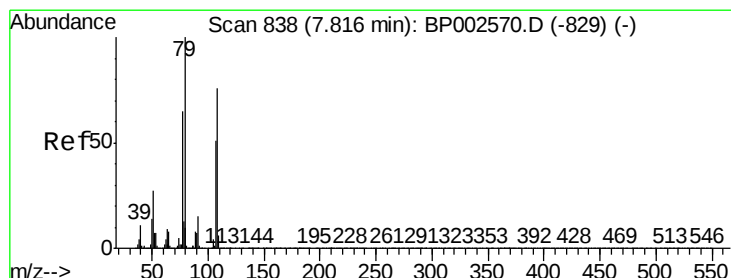
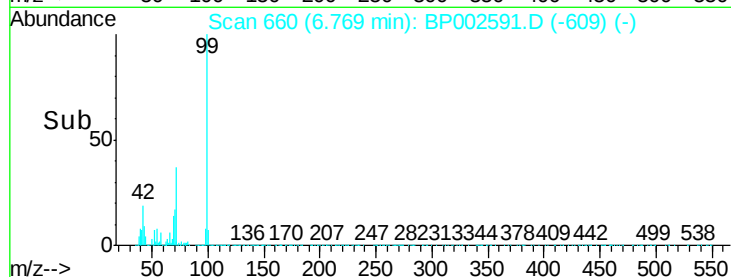
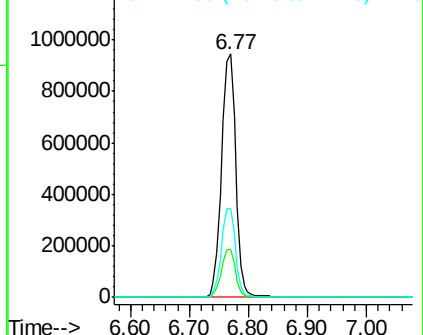
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.5	23.3
71	36.6	28.9	43.3



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



#15

Benzyl Alcohol

Concen: 2.196 ng

RT: 7.89 min Scan# 850

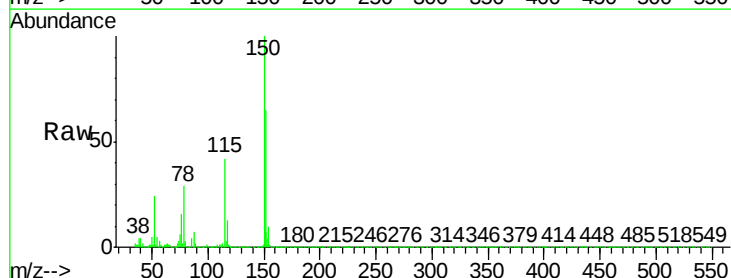
Delta R.T. 0.07 min

Lab File: BP002591.D

Acq: 01 Jul 2020 06:25

Tgt Ion: 79 Resp: 20066

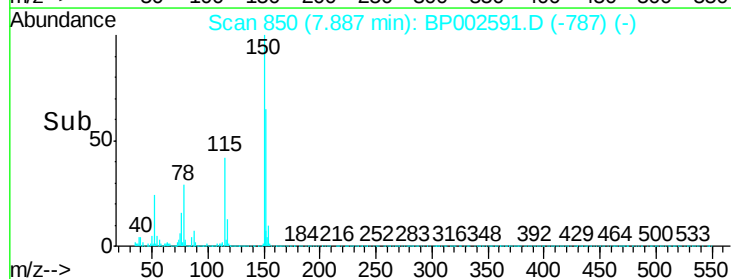
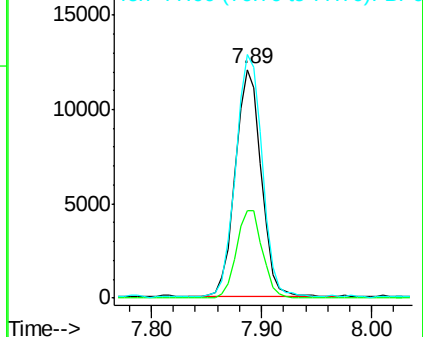
Ion	Ratio	Lower	Upper
79	100		
108	38.4	59.4	89.2#
77	106.4	51.9	77.9#

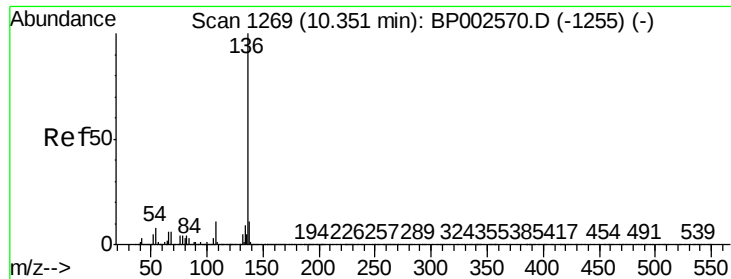


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BP0

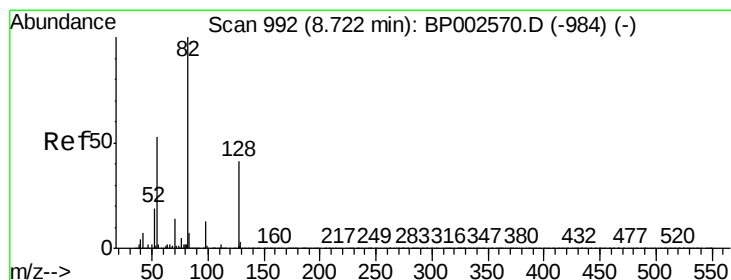
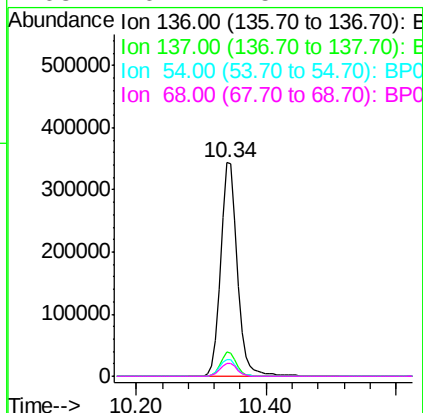
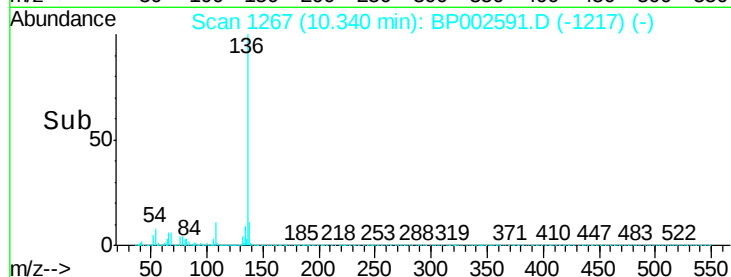
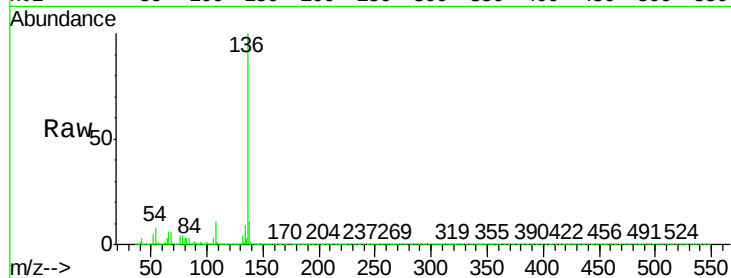




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

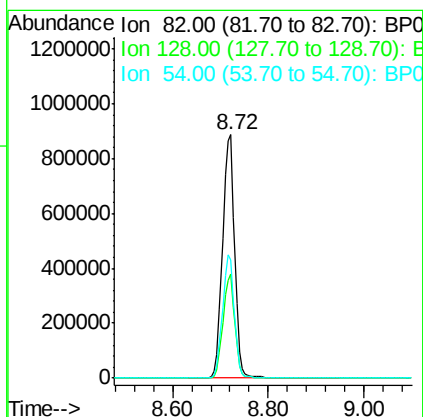
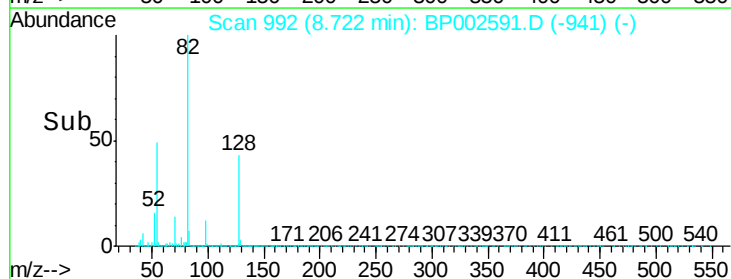
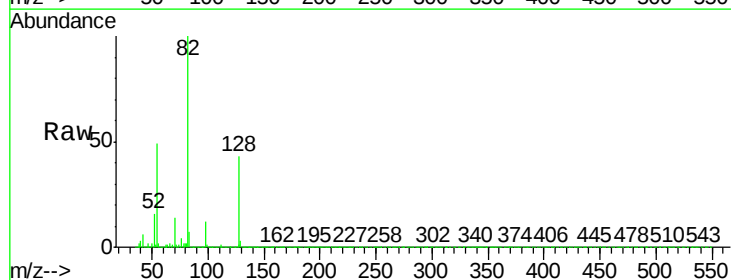
Instrument :
BNA_P
ClientSampleId :
PB129875TB

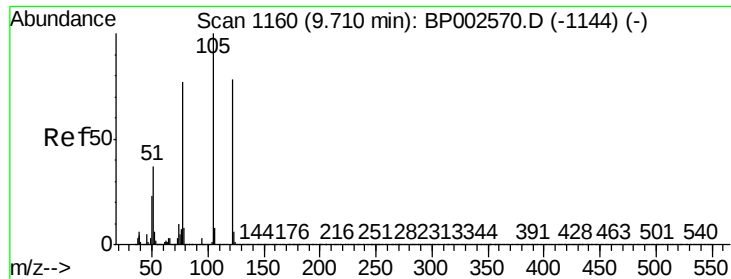
Tot Ion:136	Resp: 609326
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.1	6.4 9.6
68 6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 132.981 ng
RT: 8.72 min Scan# 992
Delta R.T. -0.00 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Tgt	Ion: 82	Resp: 1572605	
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.2
54	48.8	40.1	60.1

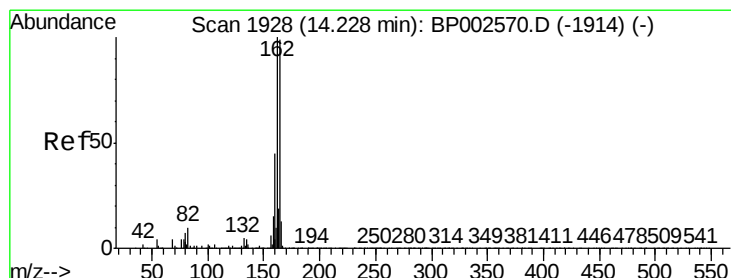
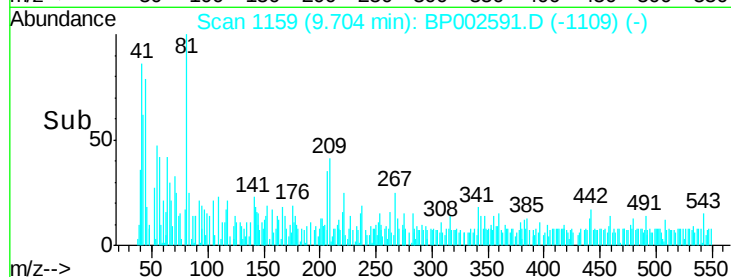
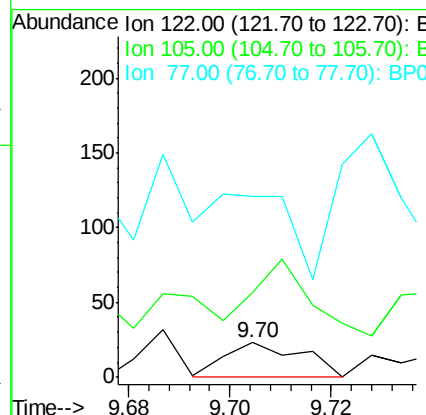
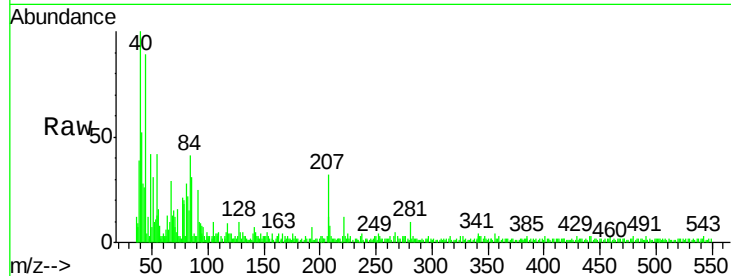




#32
Benzoic acid
Concen: 8.702 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

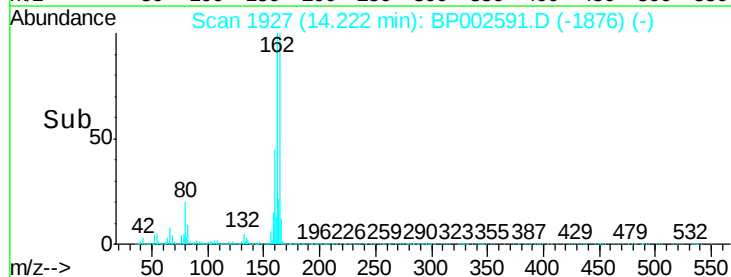
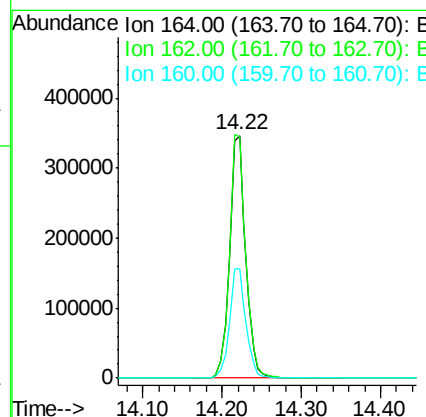
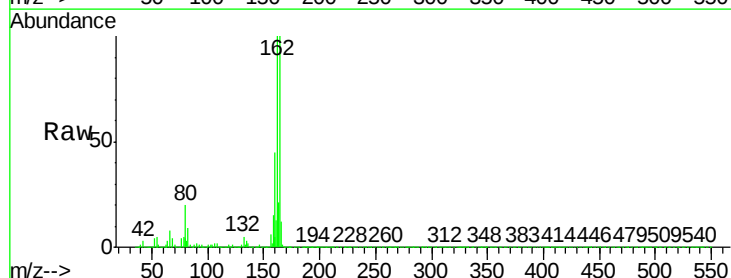
Instrument :
BNA_P
ClientSampleId :
PB129875TB

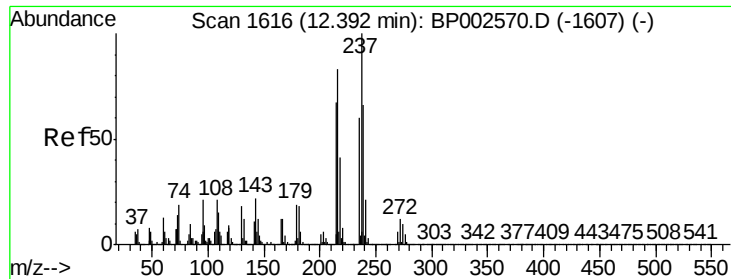
Tot Ion	Ratio	Lower	Upper
122	100		
105	247.8	106.6	146.6#
77	526.1	76.5	116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.3	120.5
160	44.9	35.0	52.6

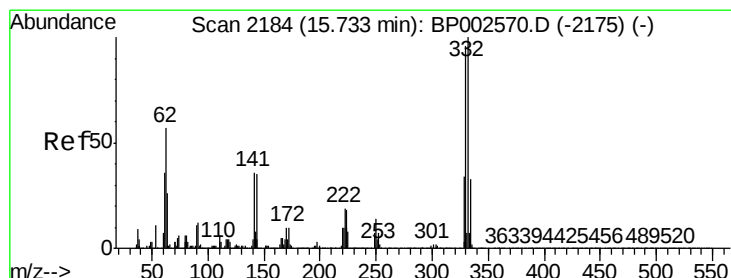
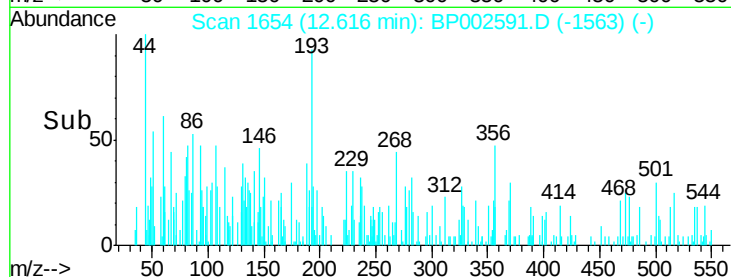
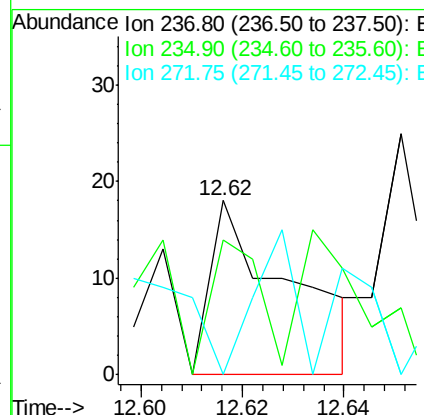
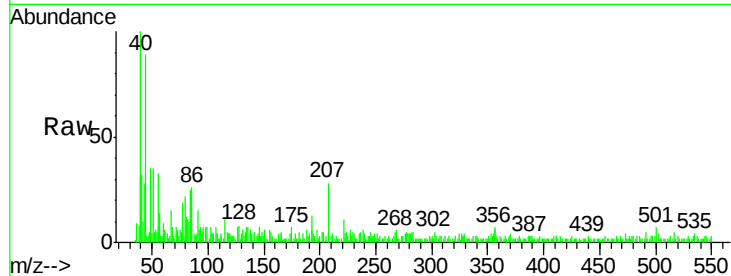




#41
 Hexachlorocyclopentadiene
 Concen: 4.384 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.24 min
 Lab File: BP002591.D
 Acq: 01 Jul 2020 06:25

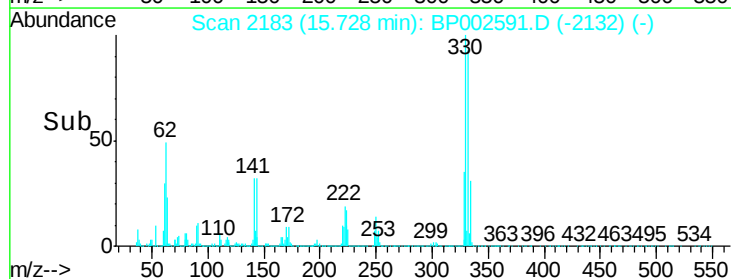
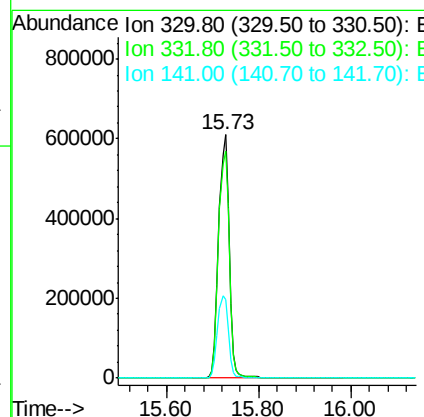
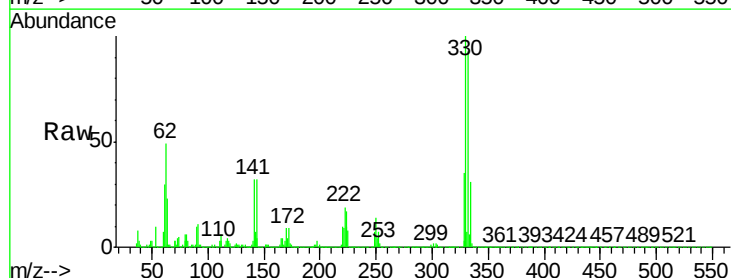
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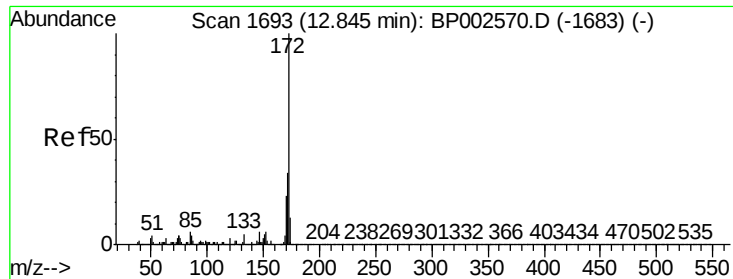
Tot Ion:	237	Resp:	19
Ion	Ratio	Lower	Upper
237	100		
235	77.8	45.4	85.4
272	0.0	0.0	32.6



#42
 2,4,6-Tribromophenol
 Concen: 163.187 ng
 RT: 15.73 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BP002591.D
 Acq: 01 Jul 2020 06:25

Tgt Ion:	330	Resp:	955754
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	35.2	29.0	43.6

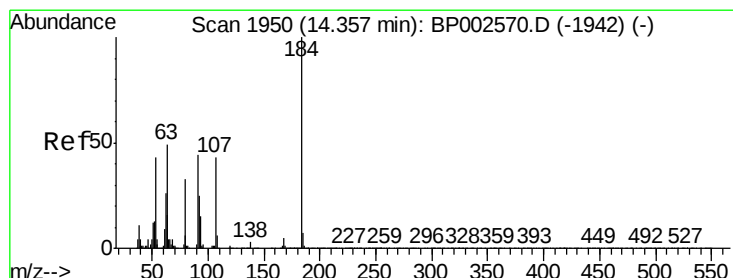
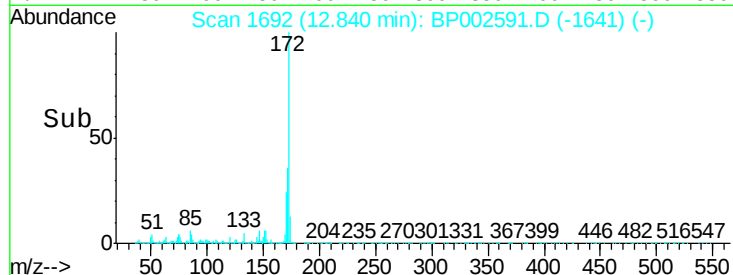
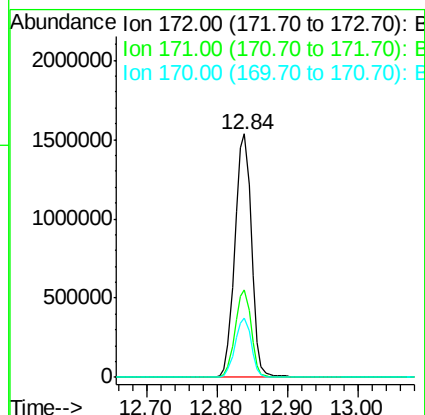
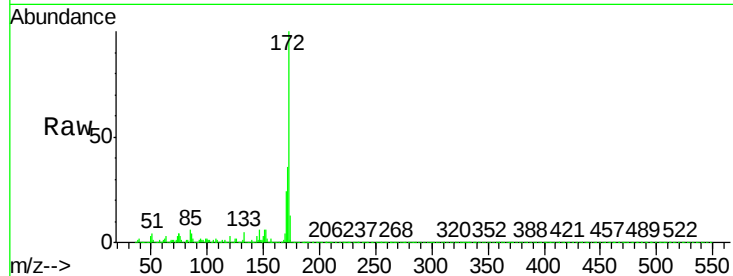




#45
2-Fluorobiphenyl
Concen: 76.973 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

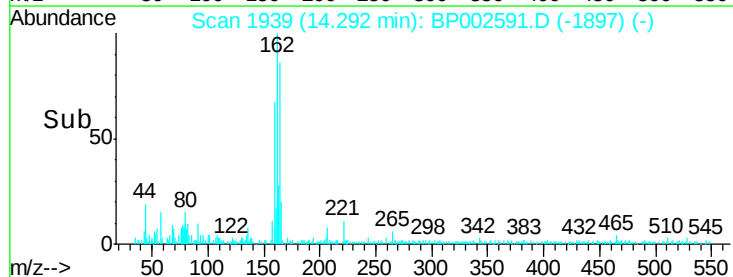
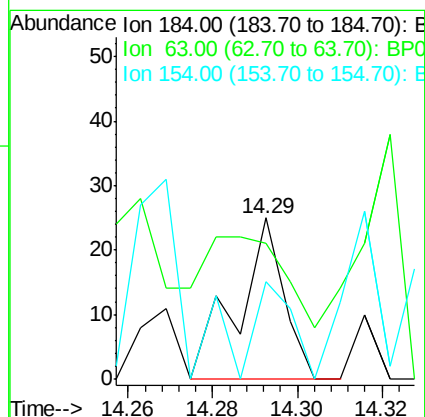
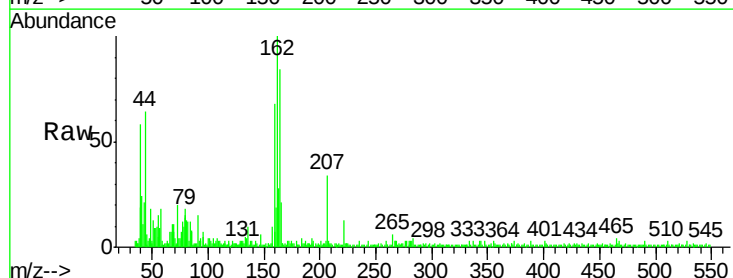
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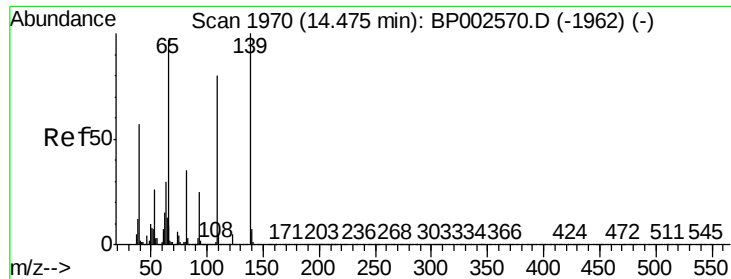
Tot Ion:172 Resp: 2518273
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.1 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 6.012 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.05 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 84.0 56.2 84.2
154 60.0 50.9 76.3

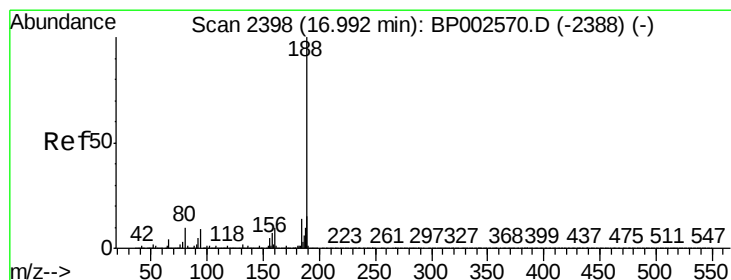
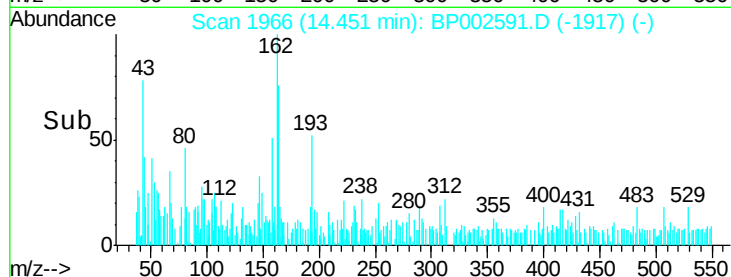
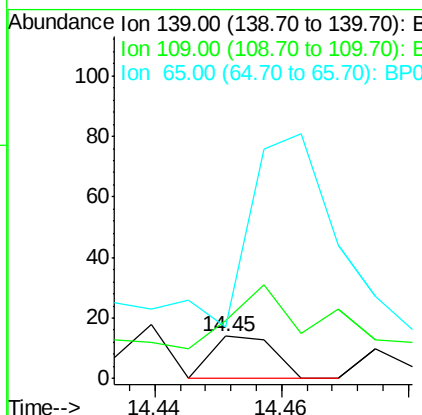
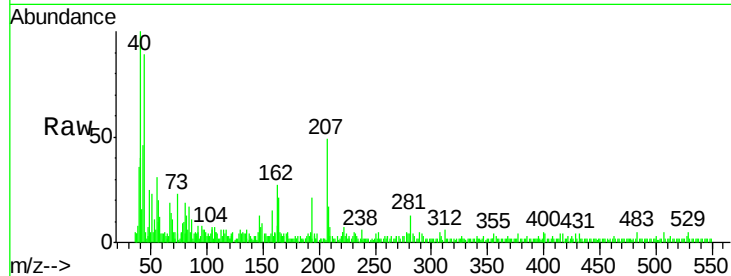




#56
4-Nitrophenol
Concen: 2.437 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

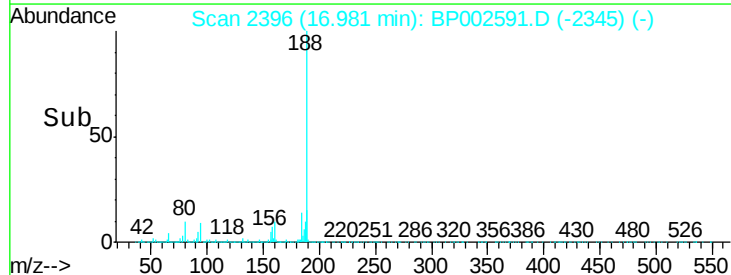
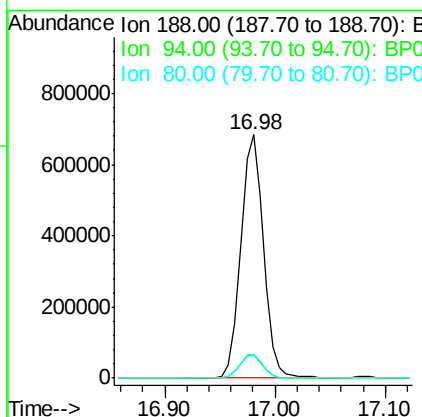
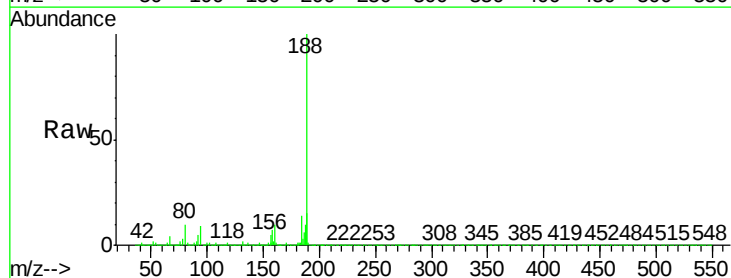
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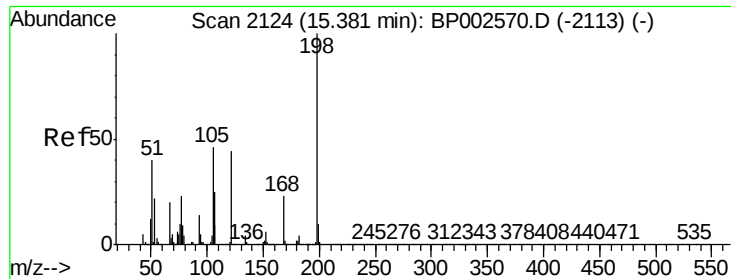
Tot Ion:139 Resp: 10
Ion Ratio Lower Upper
139 100
109 135.7 60.1 100.1#
65 121.4 80.3 120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Tgt Ion:188 Resp: 987930
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.7 8.2 12.4

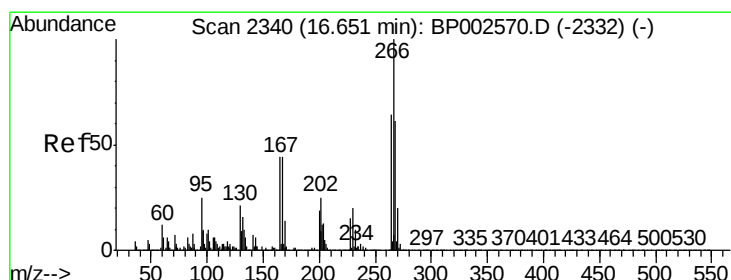
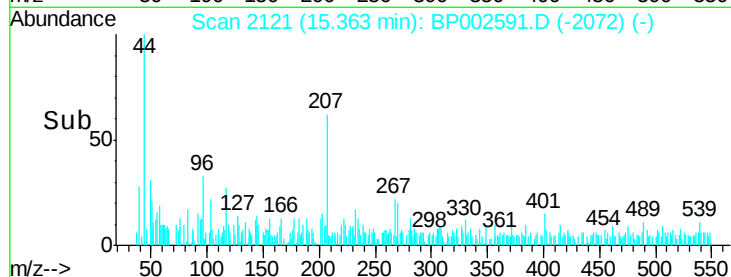
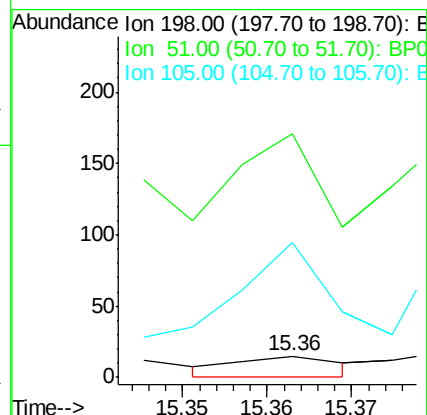
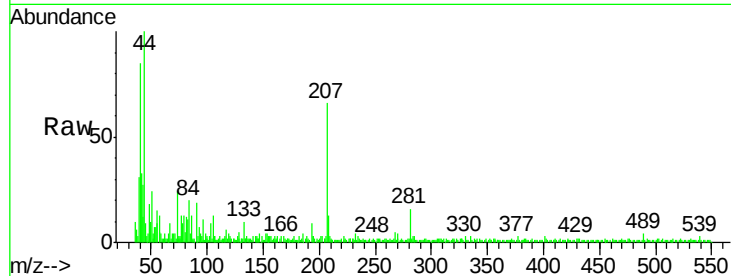




#65
4,6-Dinitro-2-methylphenol
Concen: 2.712 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

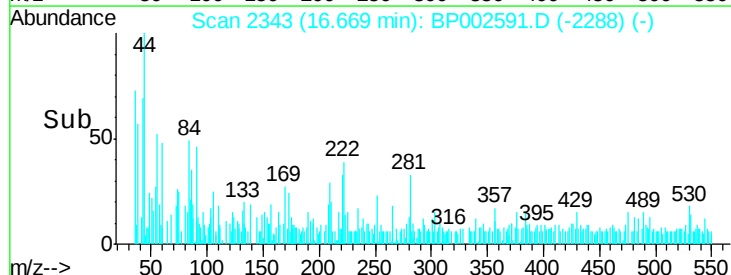
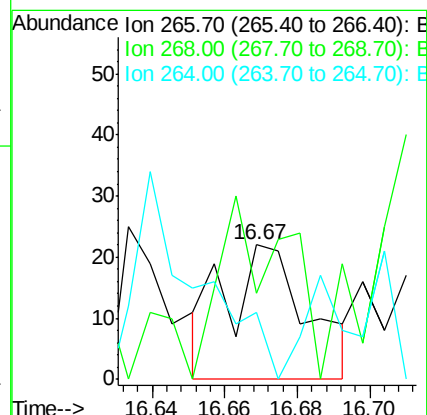
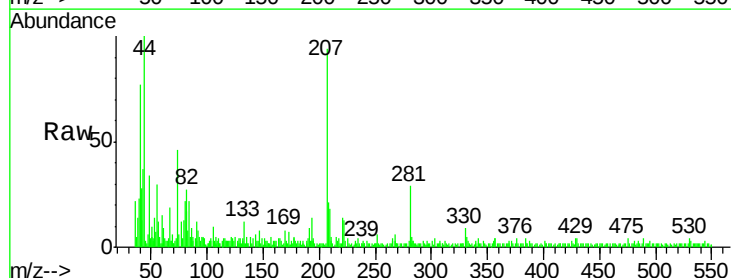
Instrument :
BNA_P
ClientSampleId :
PB129875TB

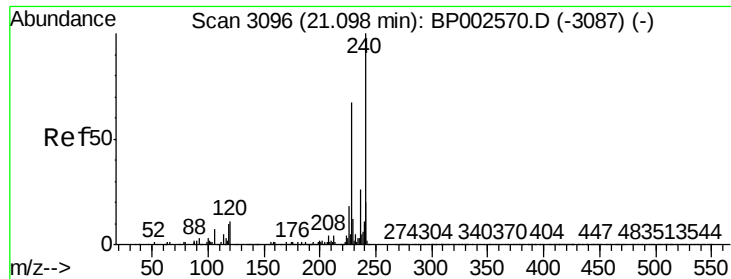
Tot Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1320.0 24.2 64.2#
105 633.3 20.7 60.7#



#70
Pentachlorophenol
Concen: 2.667 ng
RT: 16.67 min Scan# 2343
Delta R.T. 0.02 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
268 63.6 49.7 74.5
264 50.0 49.3 73.9

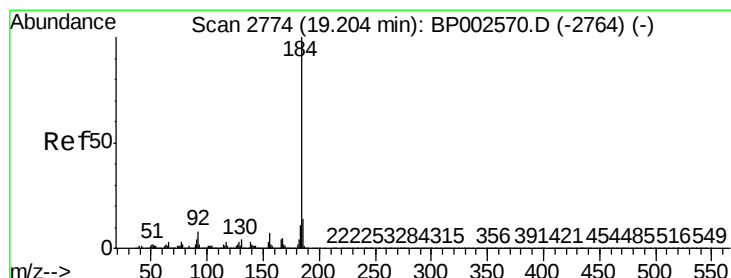
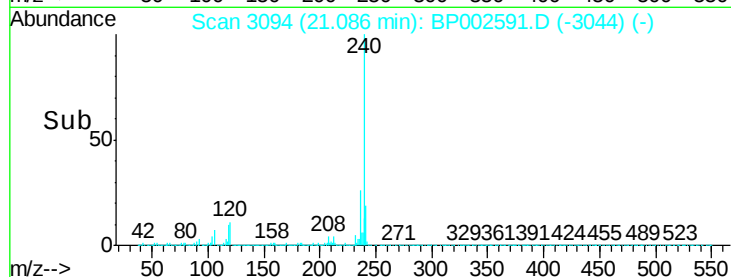
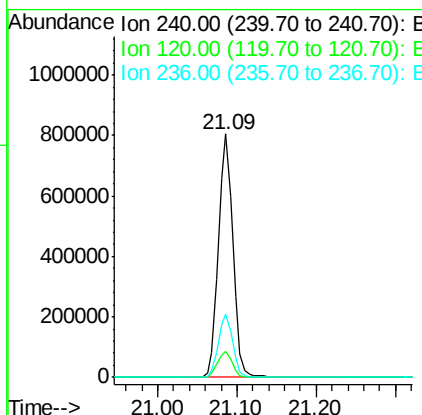
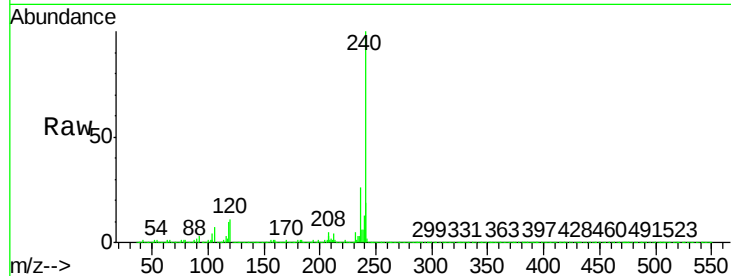




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

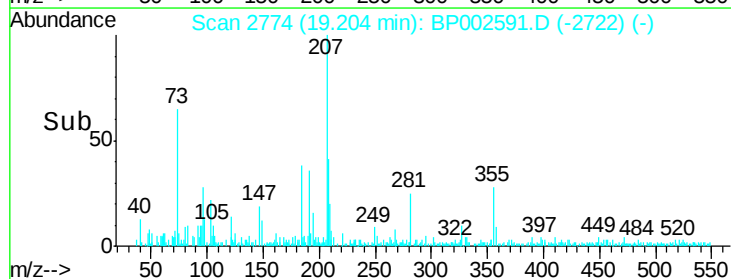
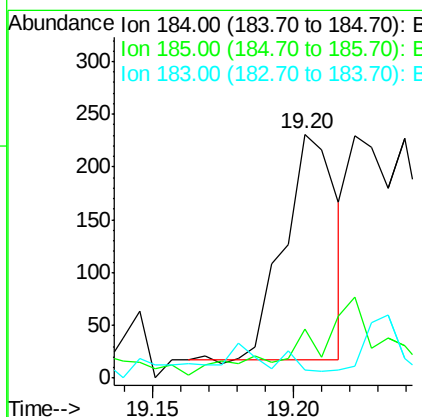
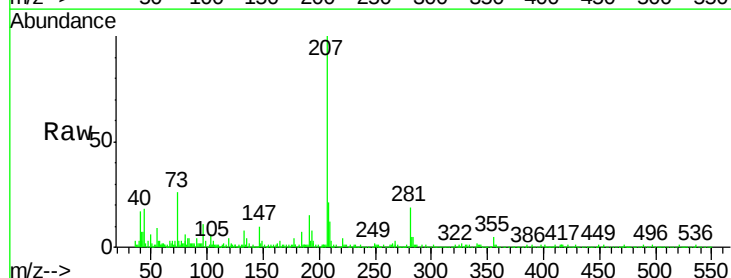
Instrument :
BNA_P
ClientSampleId :
PB129875TB

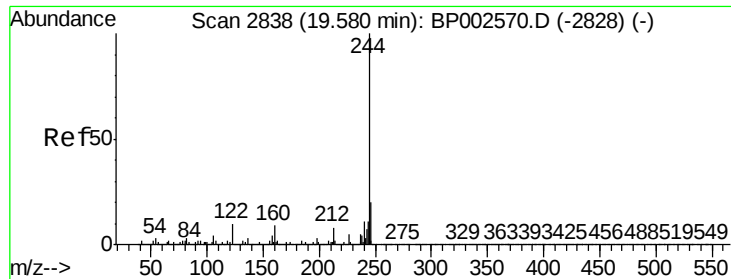
Tot Ion:240 Resp: 1020944
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.0 20.8 31.2



#77
Benzidine
Concen: 3.762 ng
RT: 19.20 min Scan# 2774
Delta R.T. 0.01 min
Lab File: BP002591.D
Acq: 01 Jul 2020 06:25

Tgt Ion:184 Resp: 275
Ion Ratio Lower Upper
184 100
185 20.3 11.4 17.2#
183 3.5 9.2 13.8#





#79

Terphenyl-d14

Concen: 86.311 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002591.D

Acq: 01 Jul 2020 06:25

Instrument :

BNA_P

ClientSampleId :

PB129875TB

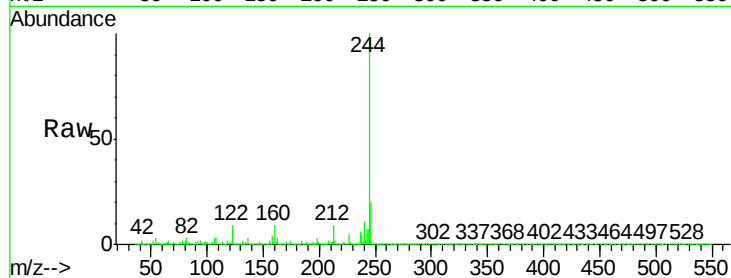
Tot Ion:244 Resp: 4082443

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

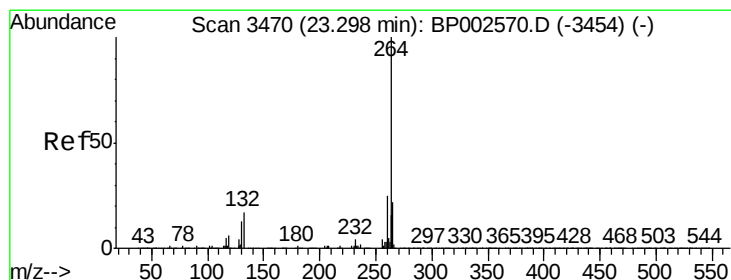
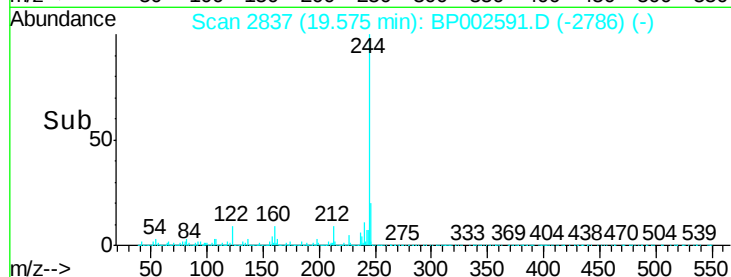
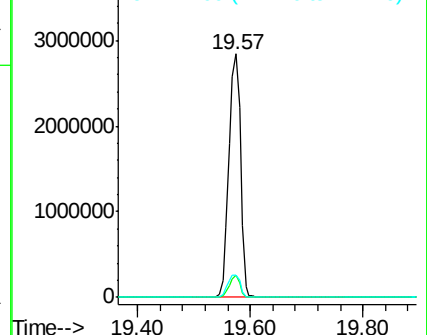
122 9.3 7.9 11.9



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002591.D

Acq: 01 Jul 2020 06:25

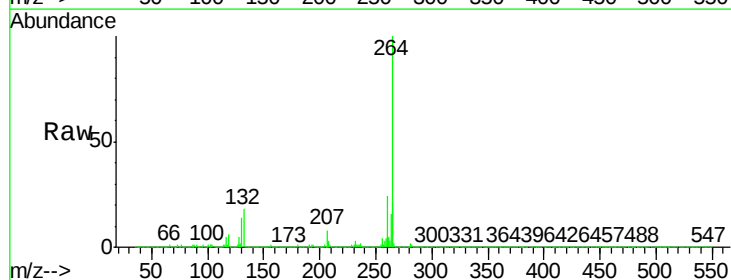
Tgt Ion:264 Resp: 1092893

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 20.7 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

