

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002573.D
 Acq On : 30 Jun 2020 13:53
 Operator : CG/JU
 Sample : PB129855BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129855BL

Quant Time: Jun 30 17:15:25 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	89590	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	356970	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	235588	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	531504	20.00	ng	0.00
76) Chrysene-d12	21.09	240	561214	20.00	ng	0.00
86) Perylene-d12	23.28	264	572810	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	759913	143.61	ng	0.00
7) Phenol-d6	6.76	99	989251	133.95	ng	0.00
23) Nitrobenzene-d5	8.72	82	706884	102.03	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	441221	153.98	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	1544823	96.51	ng	0.00
79) Terphenyl-d14	19.57	244	2592266	99.70	ng	0.00

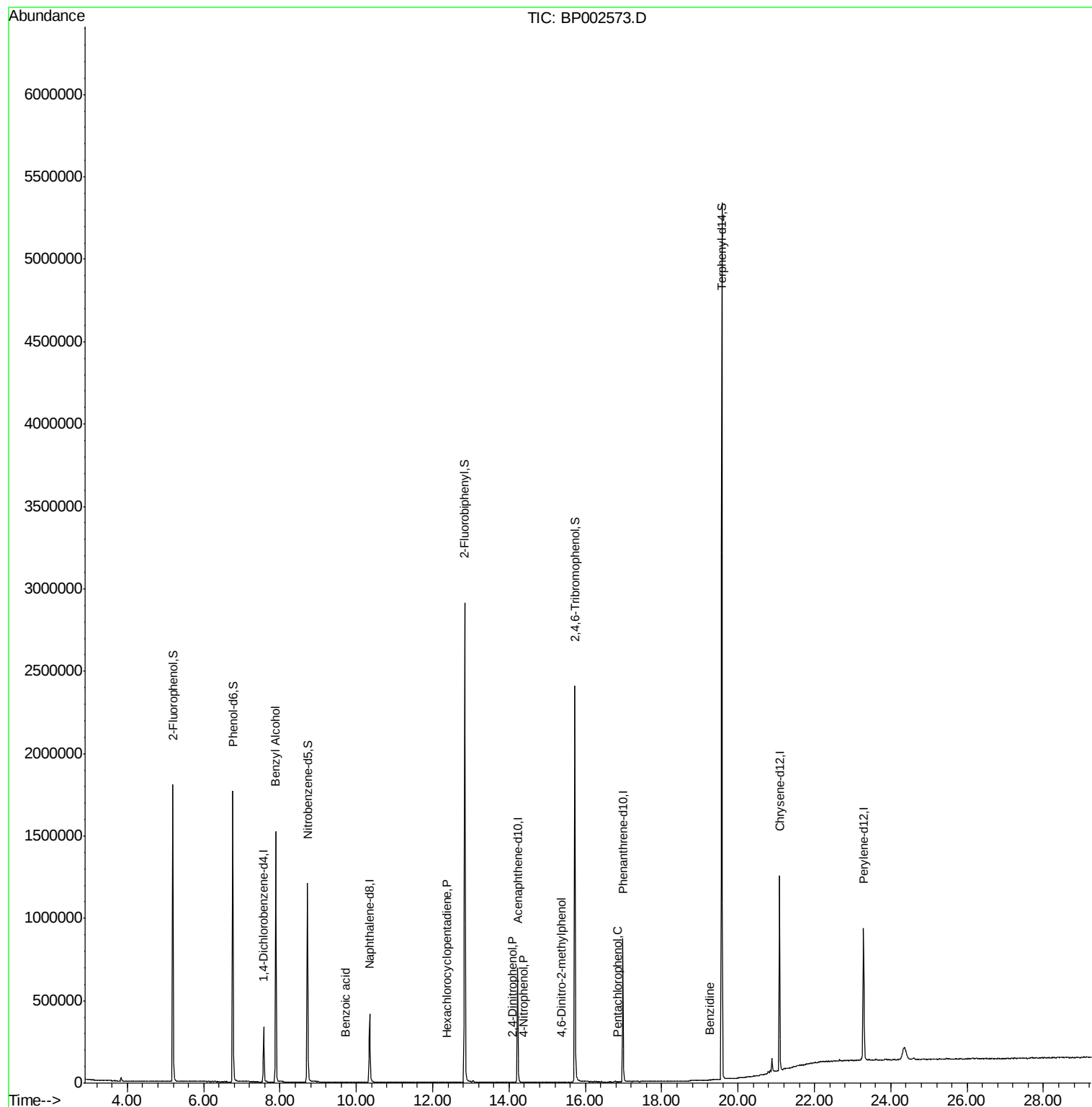
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	142	Below Cal		# 41
15) Benzyl Alcohol	7.89	79	12522	2.256	ng	# 50
32) Benzoic acid	9.73	122	23	8.704	ng	# 1
41) Hexachlorocyclopentadiene	12.37	237	10	4.384	ng	79
54) 2,4-Dinitrophenol	14.09	184	18	6.016	ng	85
56) 4-Nitrophenol	14.39	139	17	2.441	ng	87
65) 4,6-Dinitro-2-methylphenol	15.37	198	8	2.712	ng	# 1
70) Pentachlorophenol	16.85	266	6	2.663	ng	92
77) Benzidine	19.26	184	96	3.760	ng	96

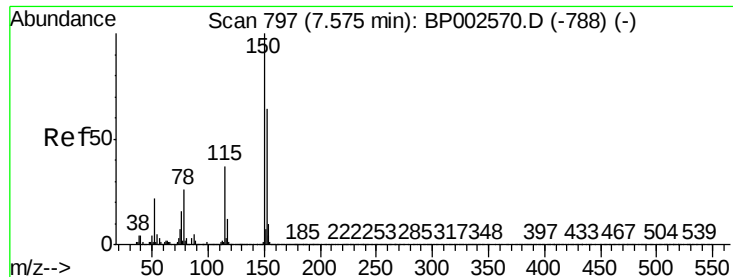
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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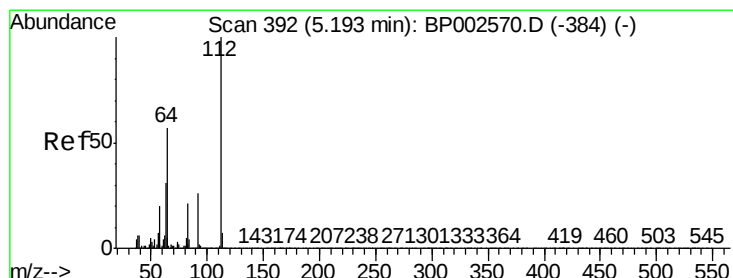
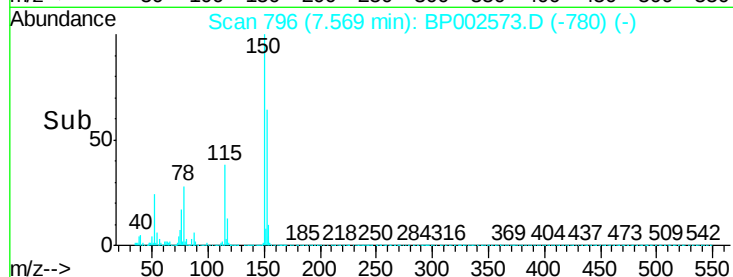
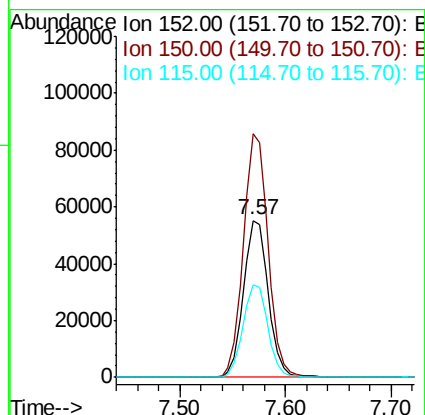
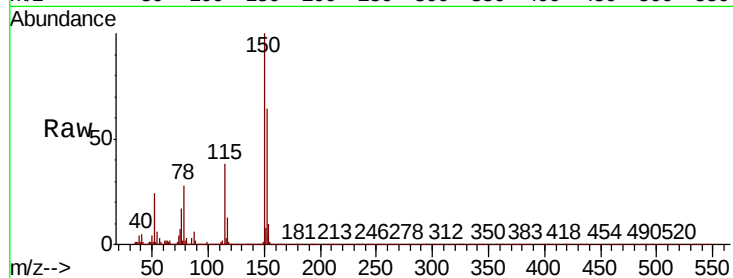


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Instrument :
BNA_P
ClientSampleId :
PB129855BL

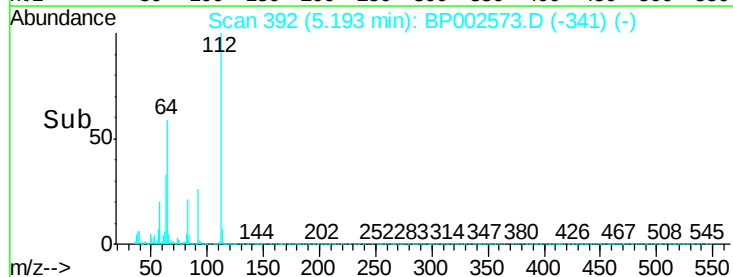
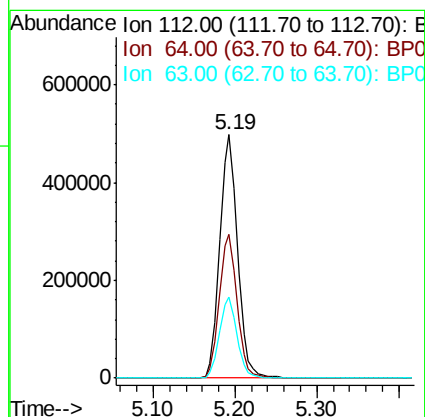
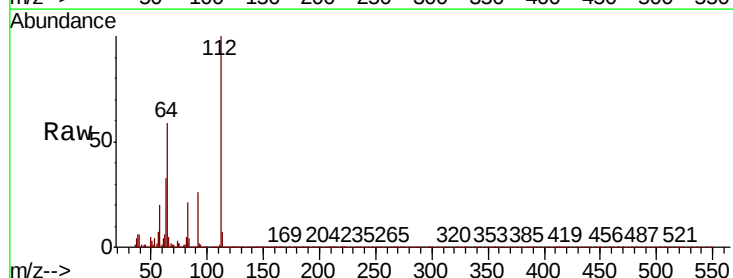
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	59.4	47.1	70.7

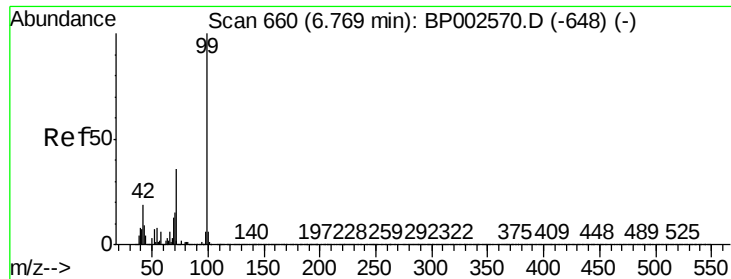


#5

2-Fluorophenol
Concen: 143.612 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.0	70.6
63	33.3	26.1	39.1





#7

Phenol-d6

Concen: 133.945 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002573.D

Acq: 30 Jun 2020 13:53

Instrument :

BNA_P

ClientSampleId :

PB129855BL

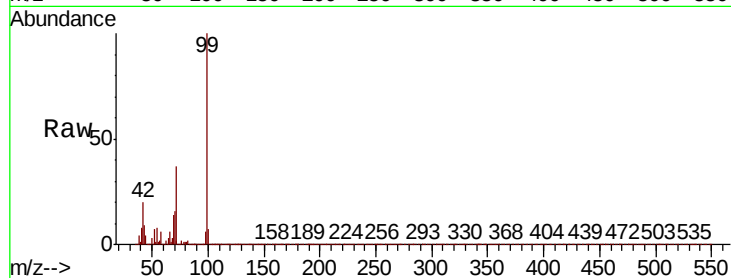
Tot Ion: 99 Resp: 989251

Ion Ratio Lower Upper

99 100

42 19.7 15.5 23.3

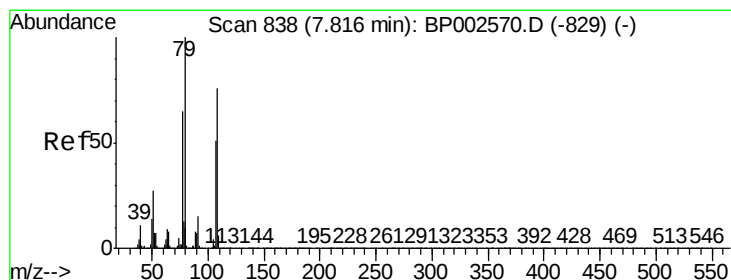
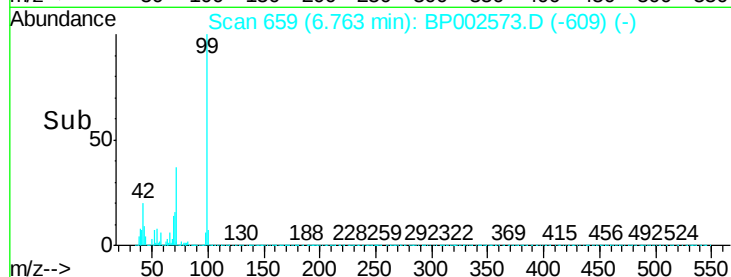
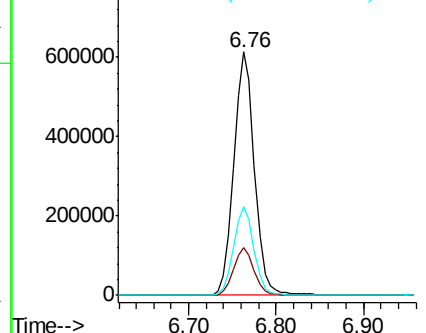
71 36.5 28.9 43.3



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: 2.256 ng

RT: 7.89 min Scan# 850

Delta R.T. 0.07 min

Lab File: BP002573.D

Acq: 30 Jun 2020 13:53

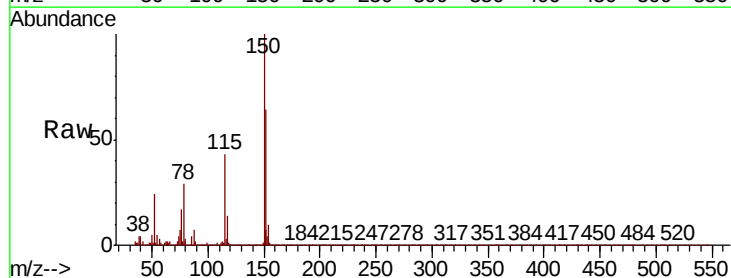
Tgt Ion: 79 Resp: 12522

Ion Ratio Lower Upper

79 100

108 39.6 59.4 89.2#

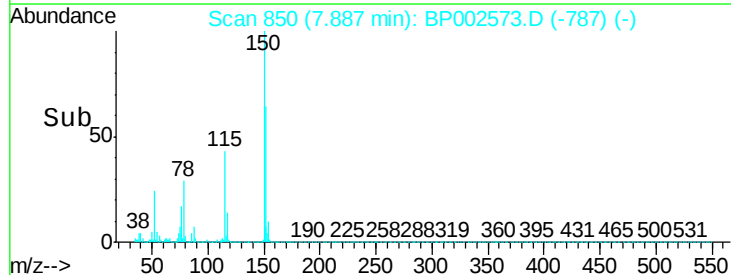
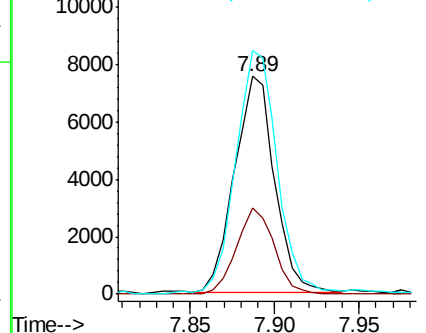
77 111.7 51.9 77.9#

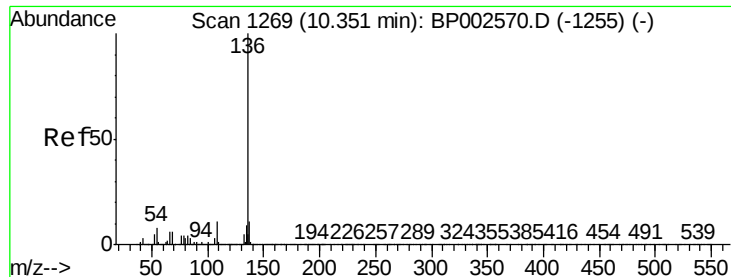


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

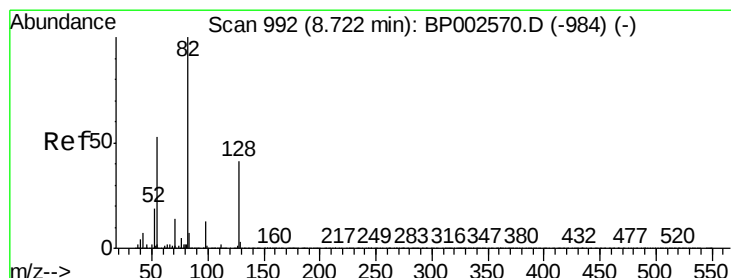
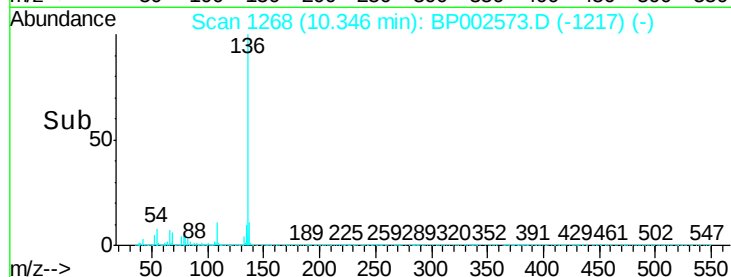
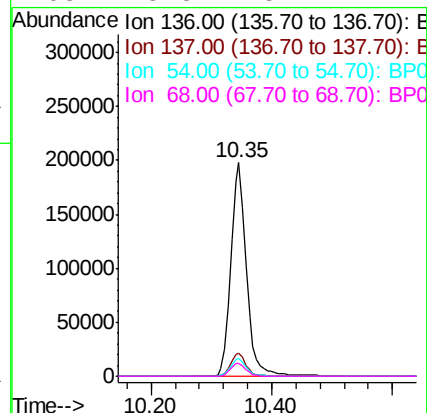
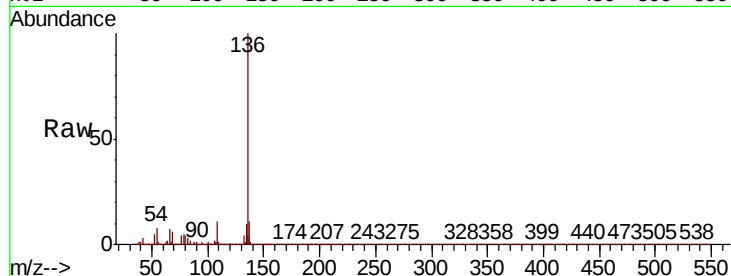




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

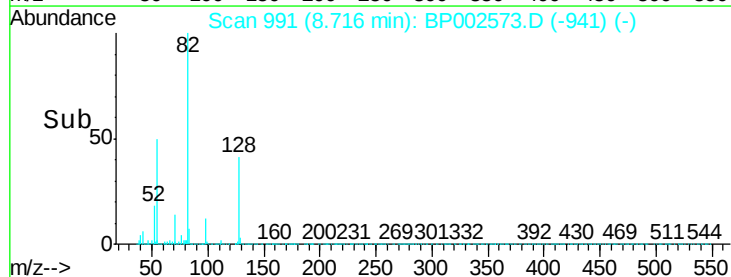
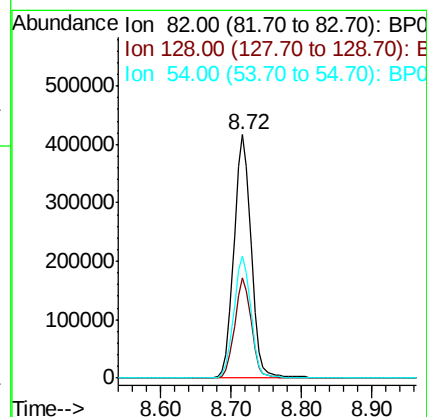
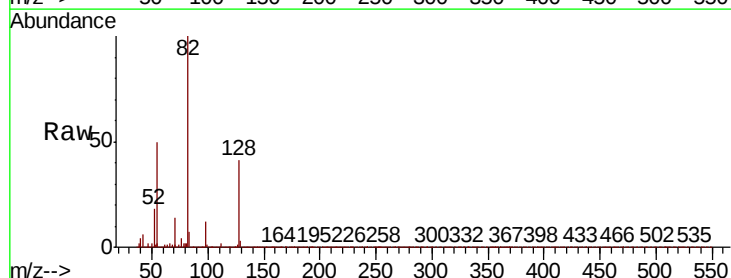
Instrument :
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ClientSampleId :
PB129855BL

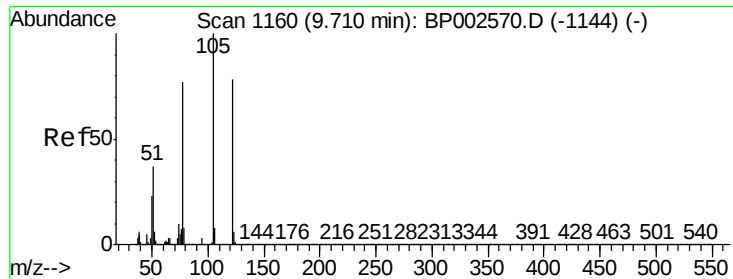
Tot Ion:136	Resp:	356970	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 8.4	6.4	9.6	
68 5.8	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 102.032 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Tgt Ion	82	Resp: Lower	706884 Upper
82	100		
128	41.1	33.4	50.2
54	50.0	40.1	60.1

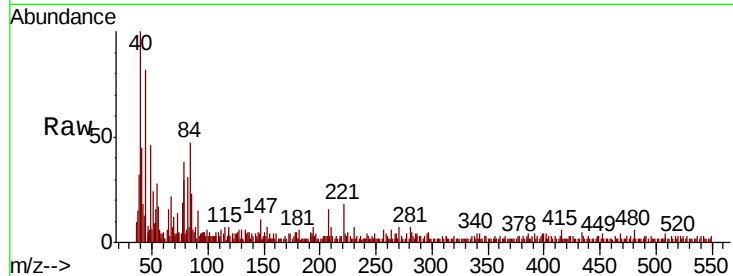




#32
Benzoic acid
Concen: 8.704 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Instrument :
BNA_P
ClientSampled :
PB129855BL

Tot Ion	Ratio	Lower	Upper
122	100		
105	37.5	106.6	146.6#
77	237.5	76.5	116.5#

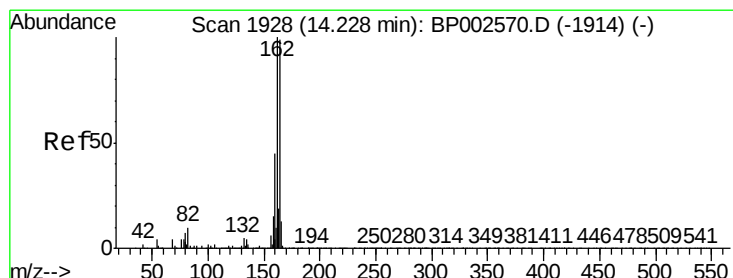
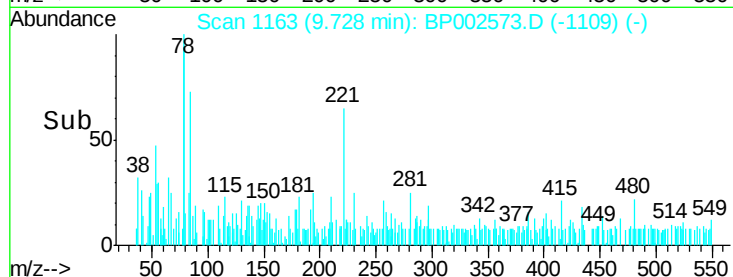
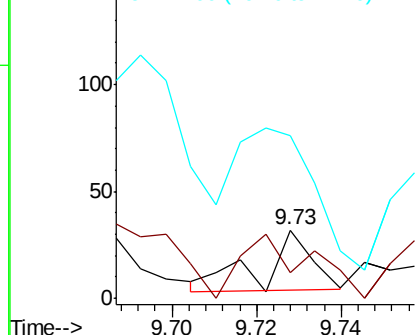


Abundance

Ion 122.00 (121.70 to 122.70): E

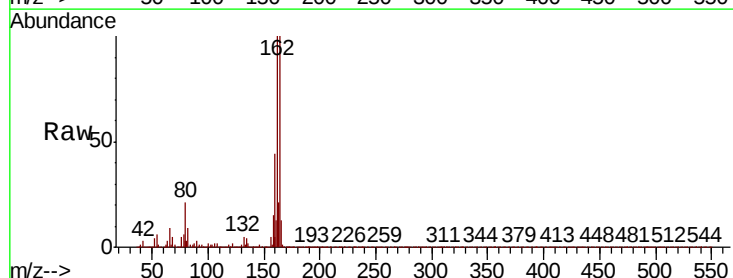
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.3	120.5
160	44.4	35.0	52.6

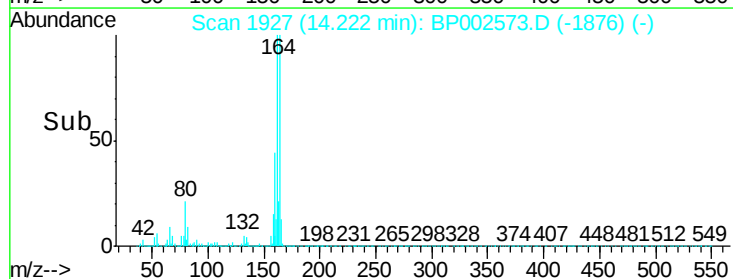
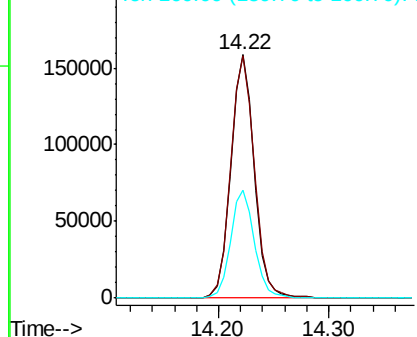


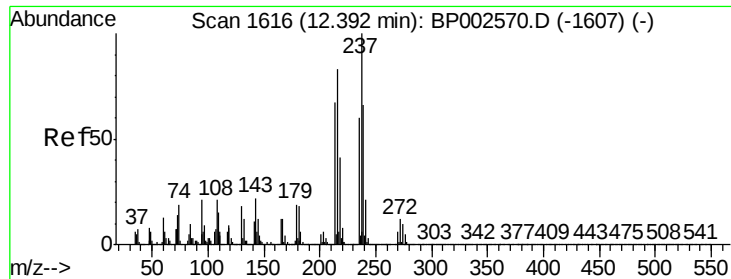
Abundance

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





#41

Hexachlorocyclopentadiene

Concen: 4.384 ng

RT: 12.37 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BP002573.D

Acq: 30 Jun 2020 13:53

Instrument :

BNA_P

ClientSampleId :

PB129855BL

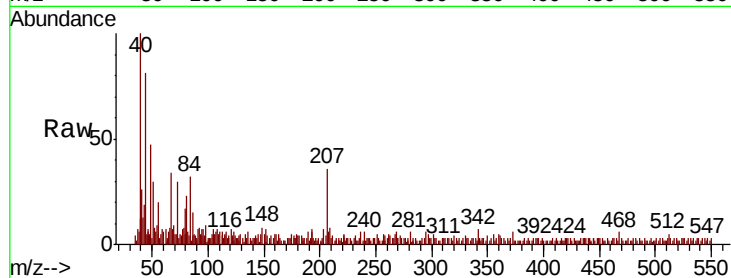
Tot Ion:237 Resp: 10

Ion Ratio Lower Upper

237 100

235 50.0 45.4 85.4

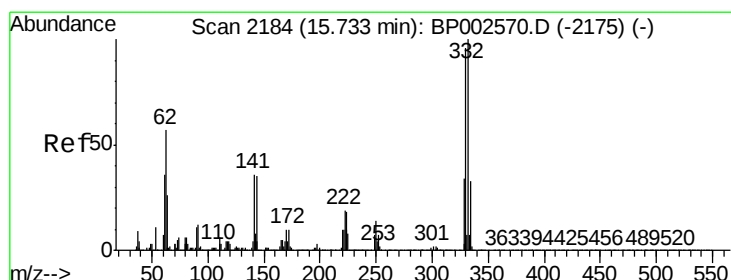
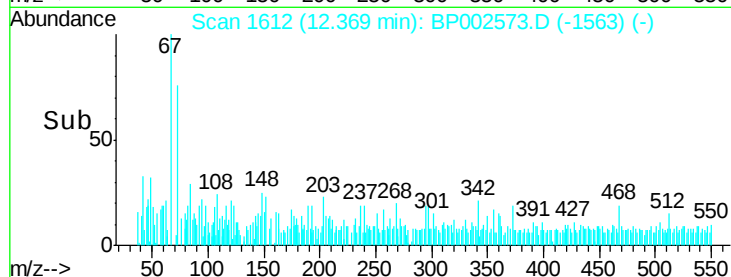
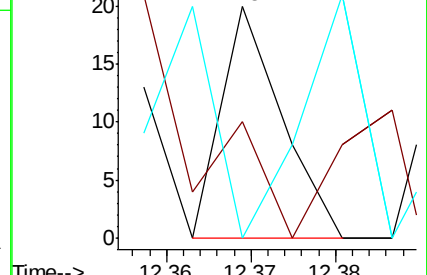
272 0.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 153.982 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002573.D

Acq: 30 Jun 2020 13:53

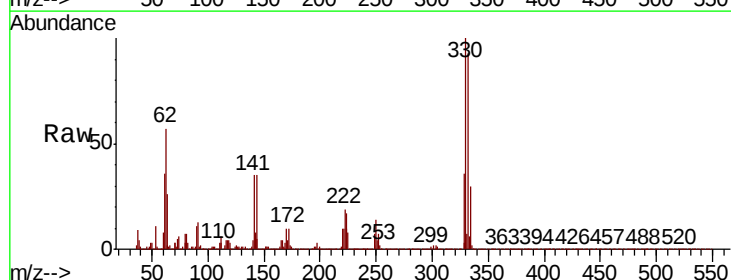
Tgt Ion:330 Resp: 441221

Ion Ratio Lower Upper

330 100

332 95.7 77.7 116.5

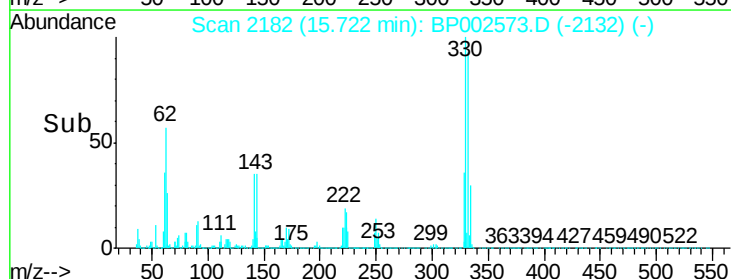
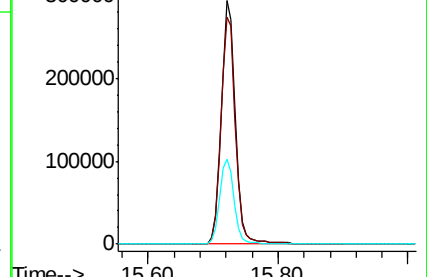
141 35.7 29.0 43.6

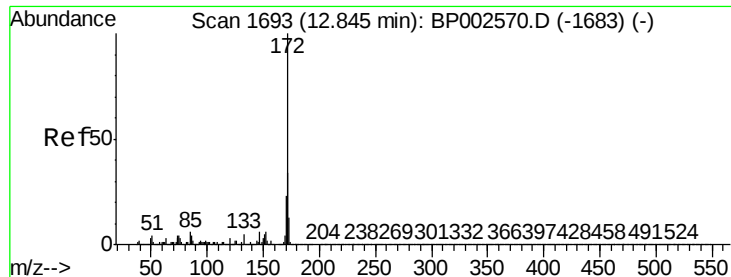


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

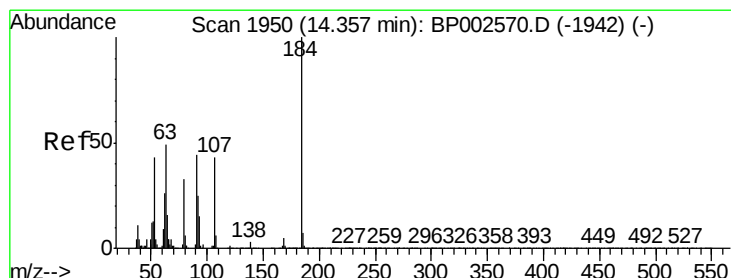
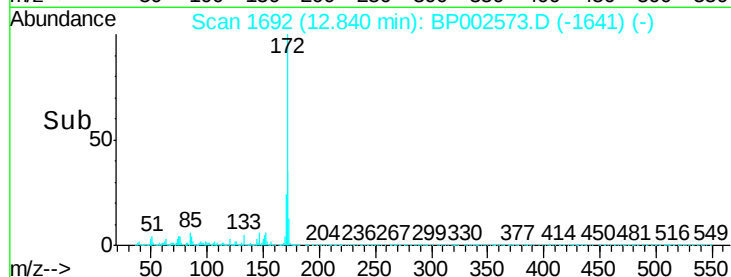
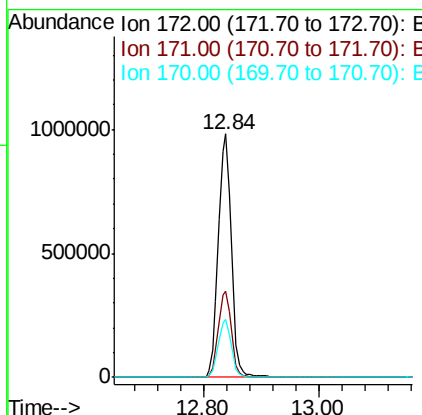
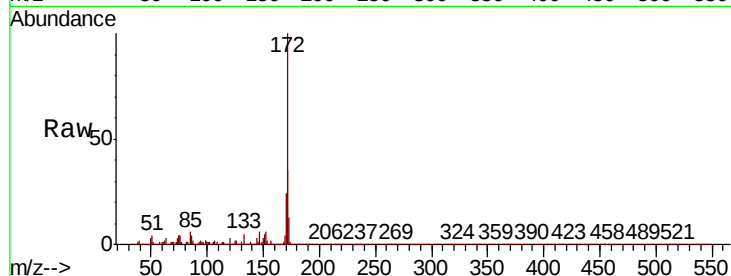




#45
2-Fluorobiphenyl
Concen: 96.513 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

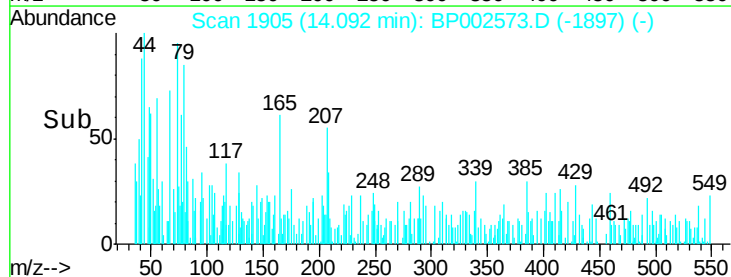
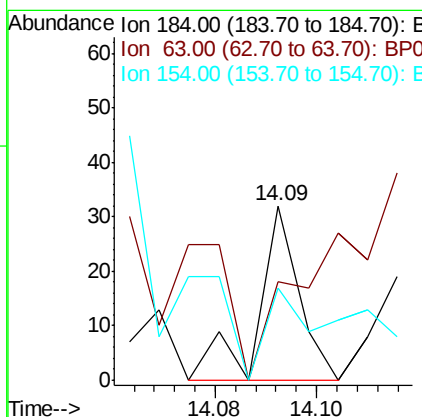
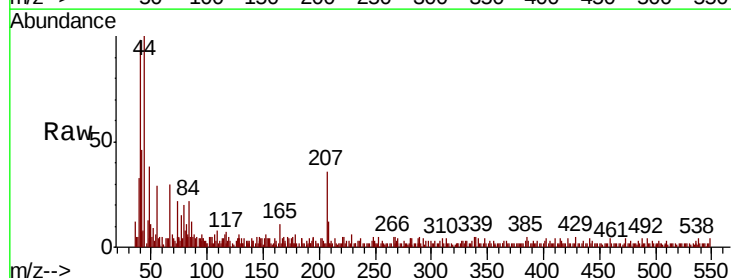
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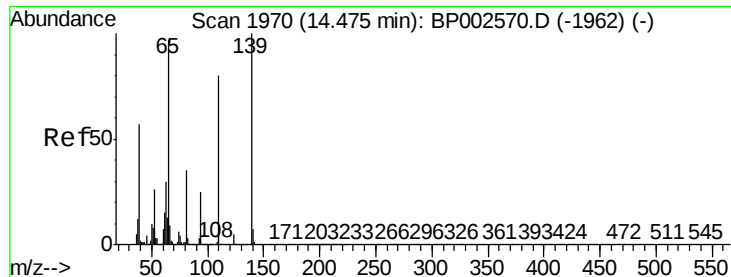
Tot Ion:172 Resp: 1544823
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 24.0 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 6.016 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.25 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 56.3 56.2 84.2
154 53.1 50.9 76.3

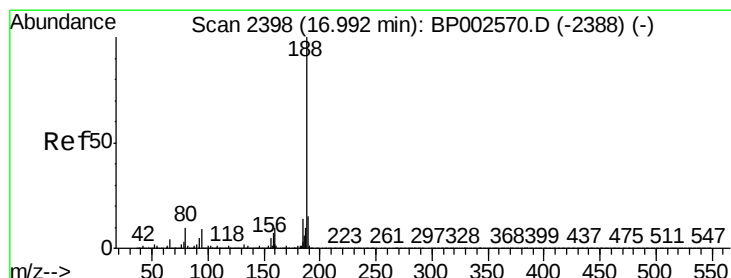
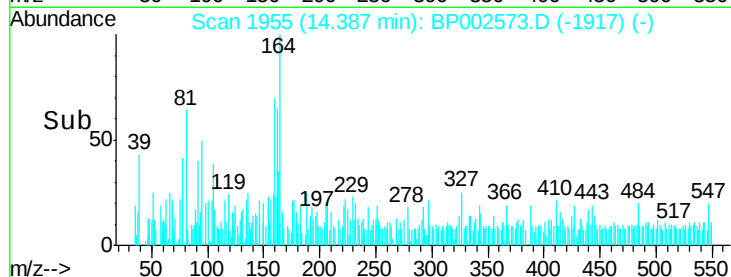
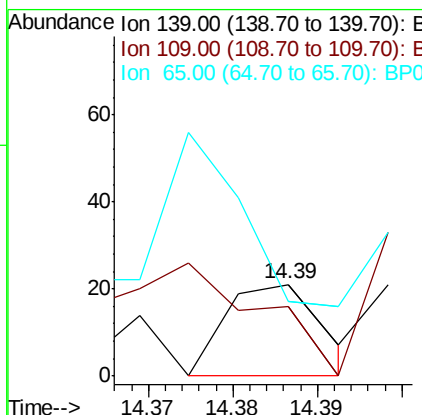
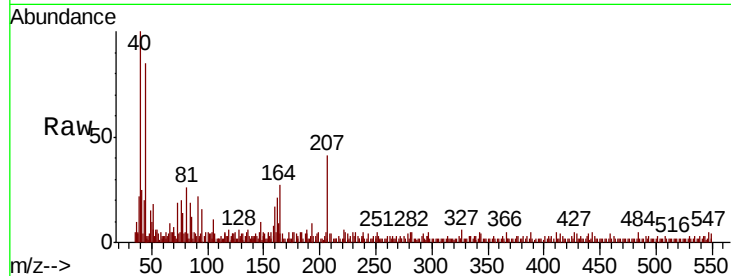




#56
4-Nitrophenol
Concen: 2.441 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.08 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

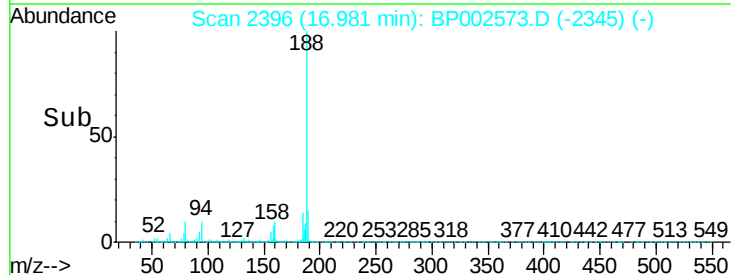
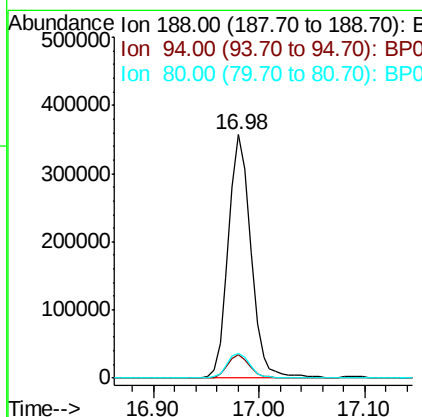
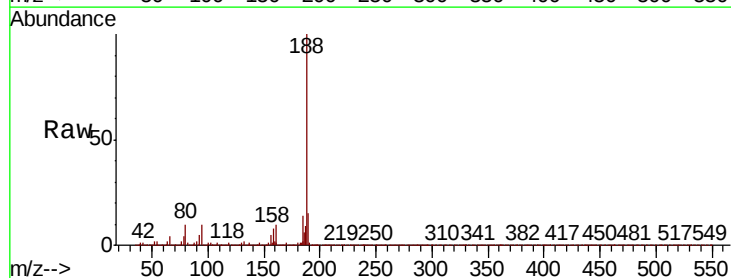
Instrument :
BNA_P
ClientSampleId :
PB129855BL

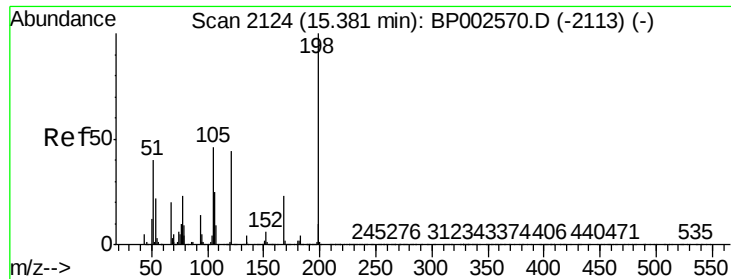
Tot Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 76.2 60.1 100.1
65 81.0 80.3 120.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Tgt Ion:188 Resp: 531504
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.2 8.2 12.4

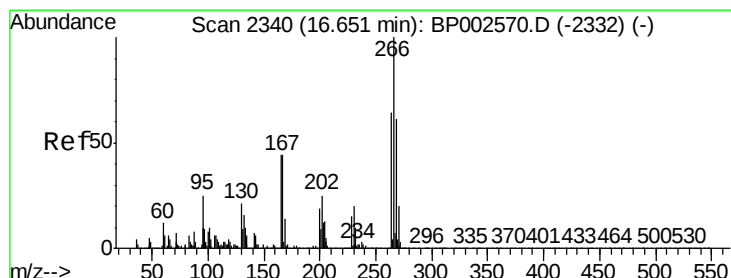
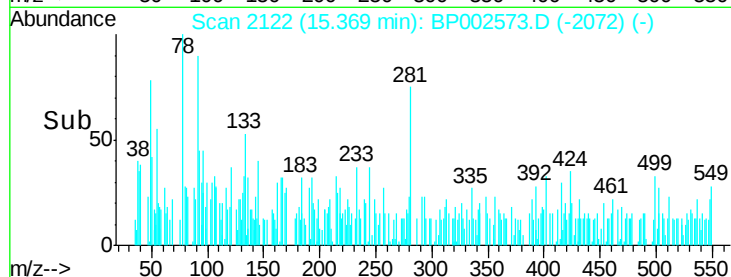
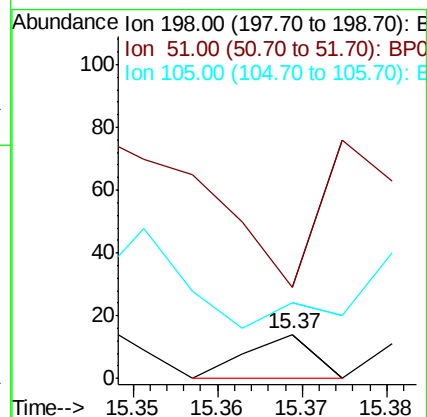
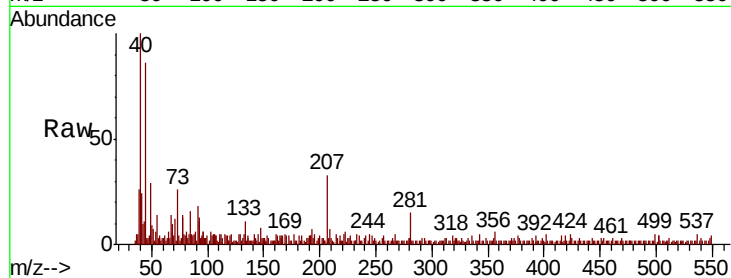




#65
4,6-Dinitro-2-methylphenol
Concen: 2.712 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

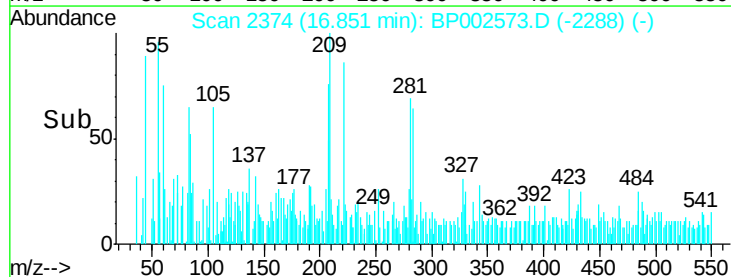
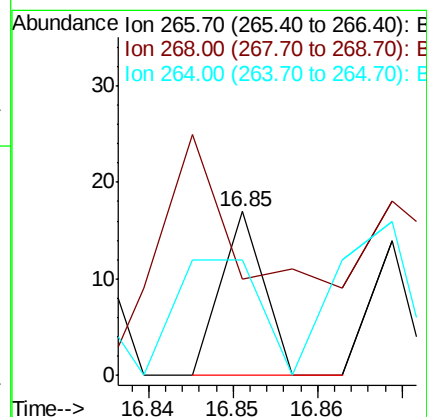
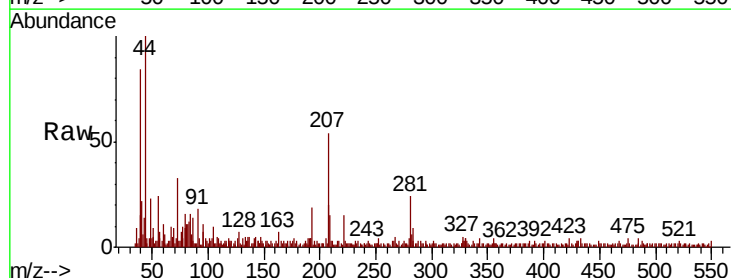
Instrument :
BNA_P
ClientSampleId :
PB129855BL

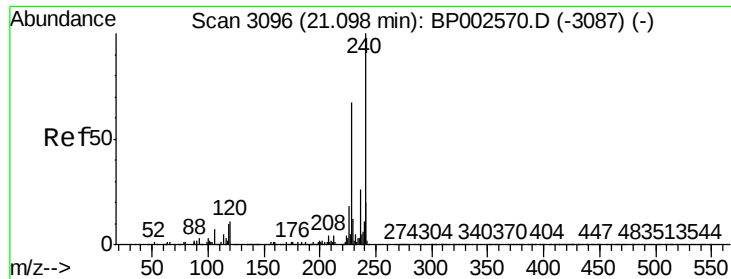
Tot Ion	Ratio	Lower	Upper
198	100		
51	207.1	24.2	64.2#
105	228.6	20.7	60.7#



#70
Pentachlorophenol
Concen: 2.663 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.21 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.8	49.7	74.5
264	70.6	49.3	73.9

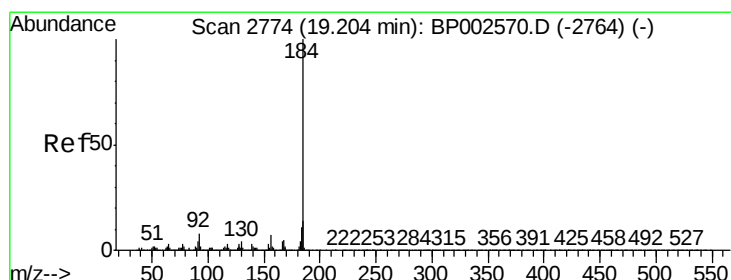
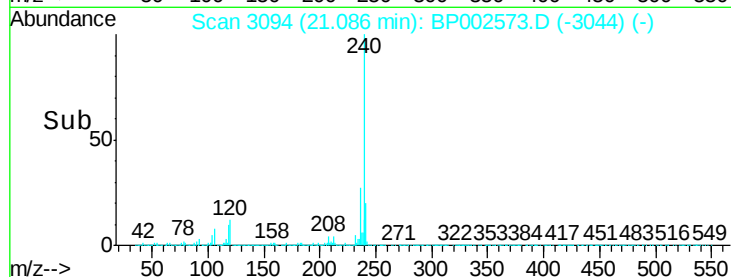
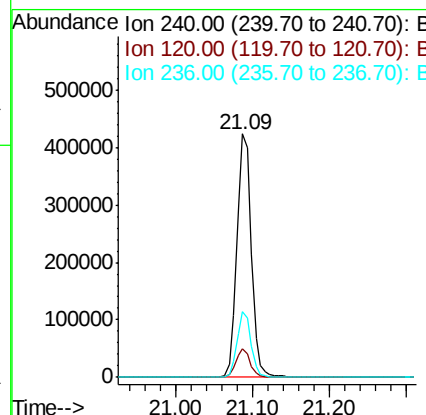
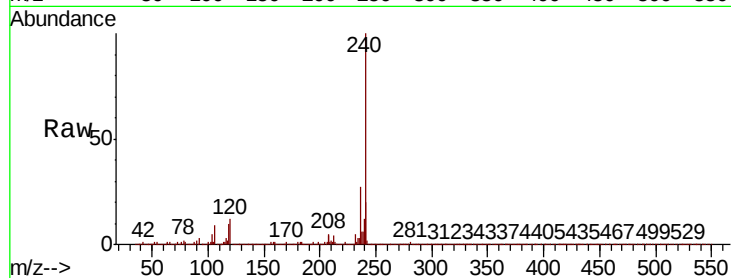




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

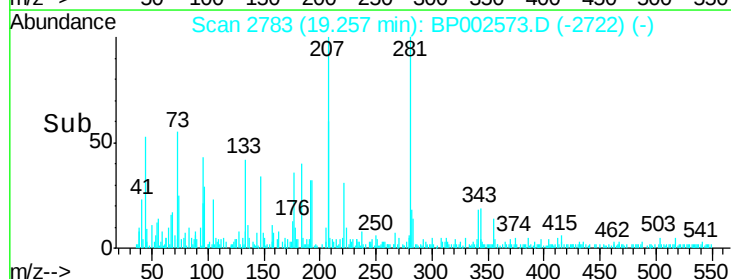
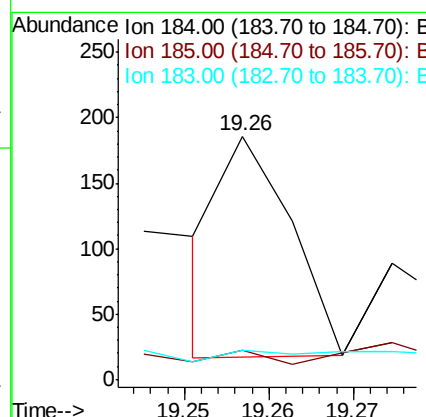
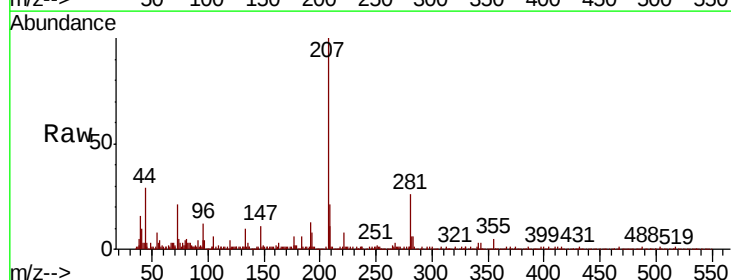
Instrument :
BNA_P
ClientSampleId :
PB129855BL

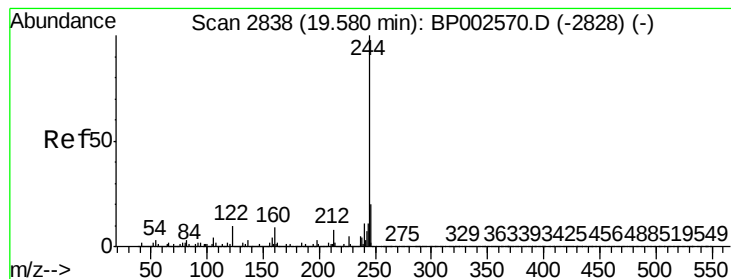
Tot Ion:240 Resp: 561214
Ion Ratio Lower Upper
240 100
120 11.9 8.6 13.0
236 27.0 20.8 31.2



#77
Benzidine
Concen: 3.760 ng
RT: 19.26 min Scan# 2783
Delta R.T. 0.06 min
Lab File: BP002573.D
Acq: 30 Jun 2020 13:53

Tgt Ion:184 Resp: 96
Ion Ratio Lower Upper
184 100
185 11.8 11.4 17.2
183 11.8 9.2 13.8





#79

Terphenyl-d14

Concen: 99.701 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002573.D

Acq: 30 Jun 2020 13:53

Instrument :

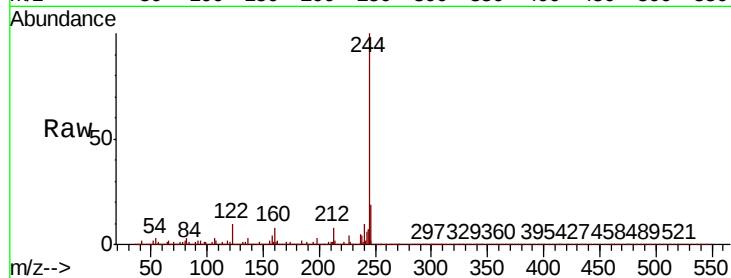
BNA_P

ClientSampleId :

PB129855BL

Tot Ion:244 Resp: 2592266

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	9.7	7.9	11.9

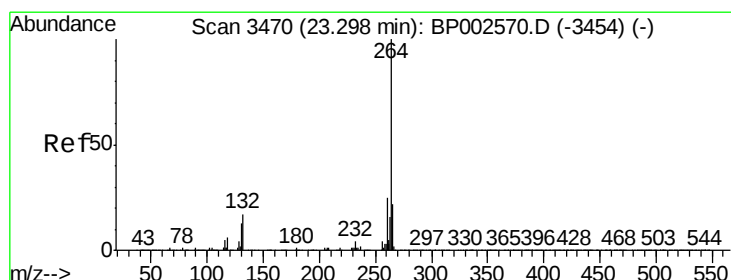
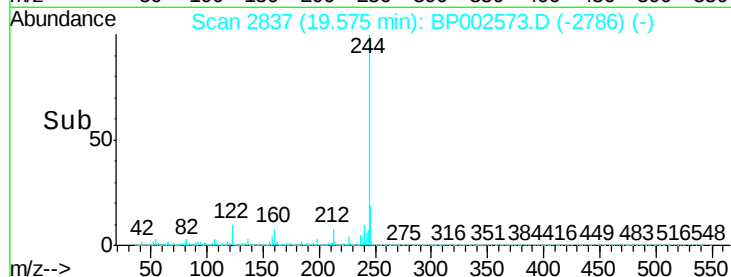
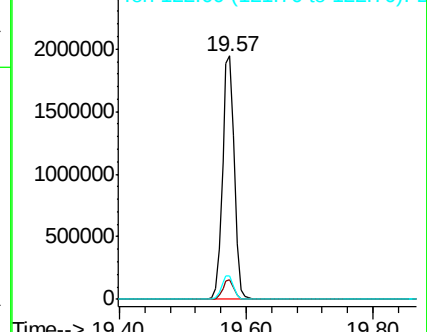


Abundance

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

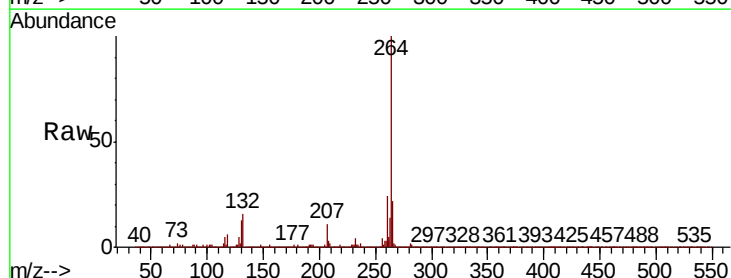
Delta R.T. -0.01 min

Lab File: BP002573.D

Acq: 30 Jun 2020 13:53

Tgt Ion:264 Resp: 572810

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.2	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

