

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002595.D
 Acq On : 01 Jul 2020 08:41
 Operator : CG/JU
 Sample : L2819-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-062620

Quant Time: Jul 01 10:44:06 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	240733	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	992668	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	642816	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1337764	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1329021	20.00	ng	0.00
86) Perylene-d12	23.28	264	859259	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1720518	121.01	ng	0.00
7) Phenol-d6	6.76	99	2134092	107.54	ng	0.00
23) Nitrobenzene-d5	8.72	82	1754211	91.05	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	941662	120.44	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3636003	83.25	ng	0.00
79) Terphenyl-d14	19.57	244	4192908	68.10	ng	0.00

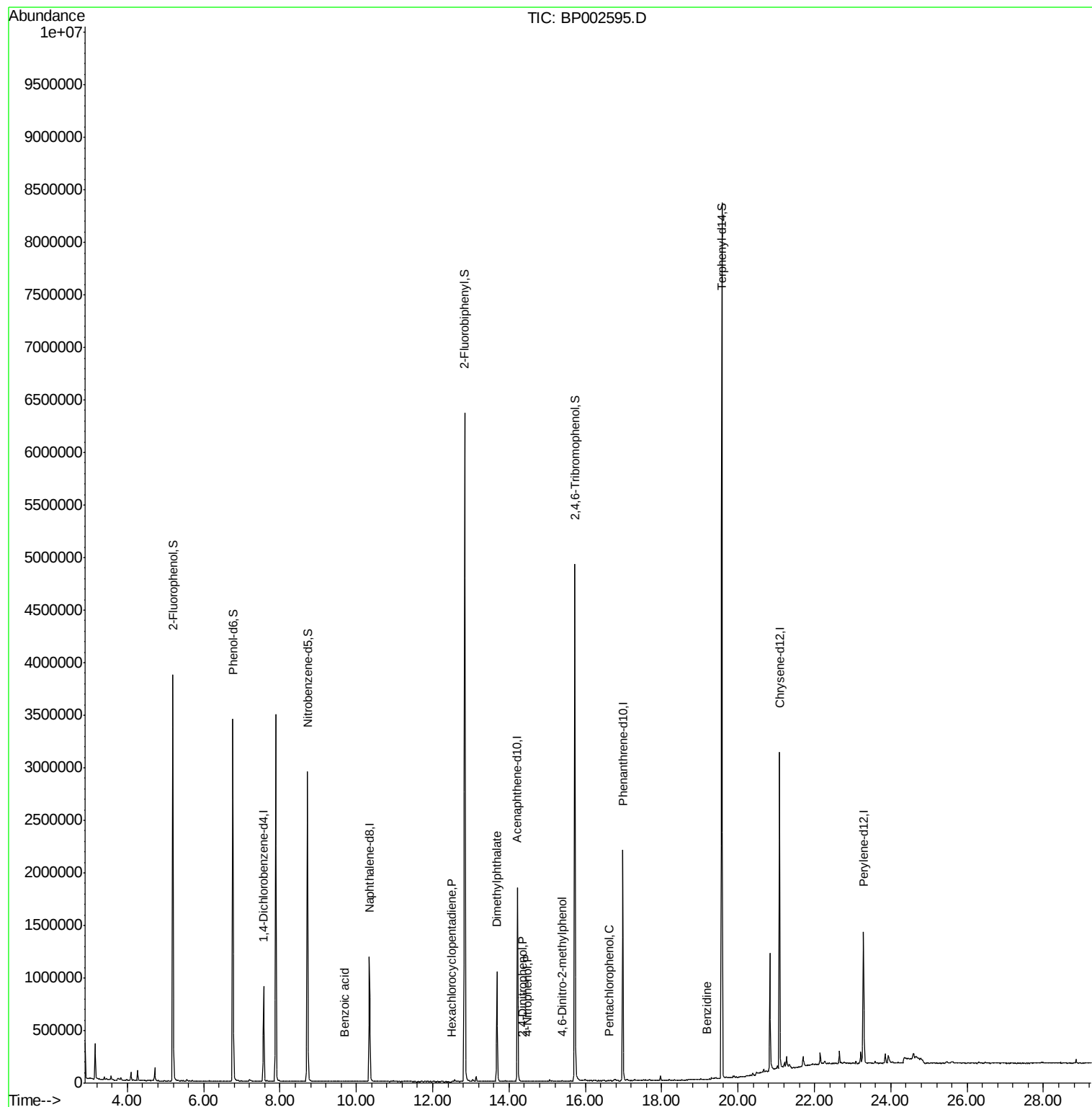
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	9.71	122	51	8.703	ng	# 1
41) Hexachlorocyclopentadiene	12.49	237	25	4.384	ng	77
50) Dimethylphthalate	13.68	163	681418	13.497	ng	99
54) 2,4-Dinitrophenol	14.35	184	66	6.018	ng	# 1
56) 4-Nitrophenol	14.46	139	133	2.450	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.38	198	12	2.711	ng	# 1
70) Pentachlorophenol	16.63	266	20	2.664	ng	90
77) Benzidine	19.18	184	31	3.757	ng	# 1

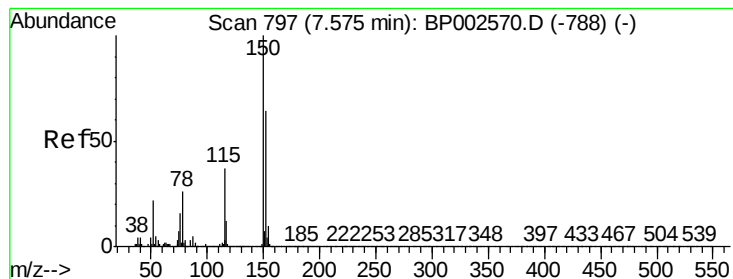
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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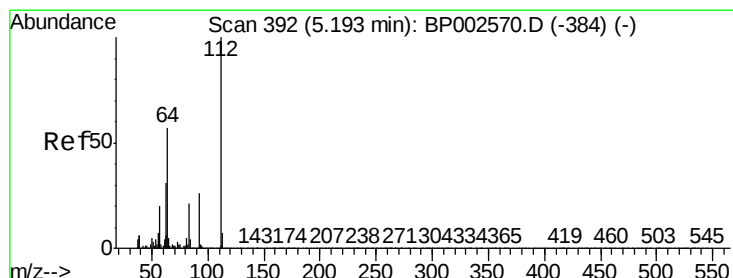
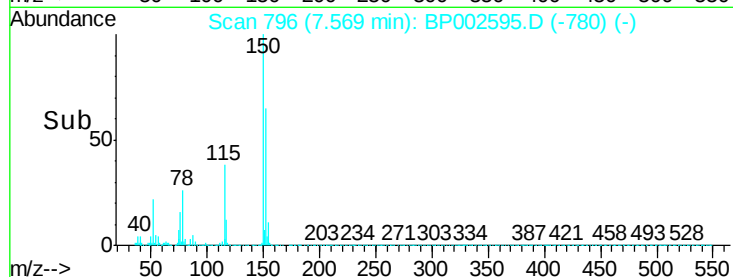
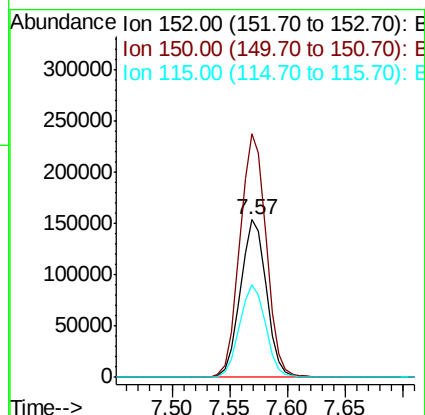
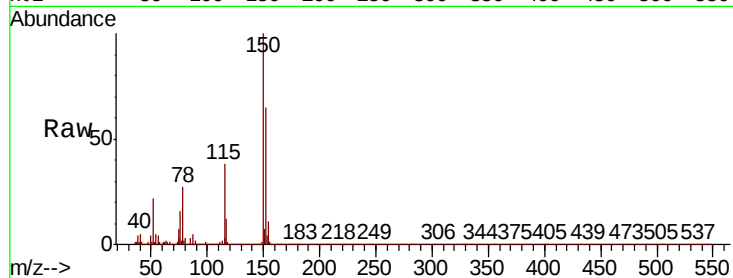


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

Instrument :
BNA_P
ClientSampleId :
BU-03-062620

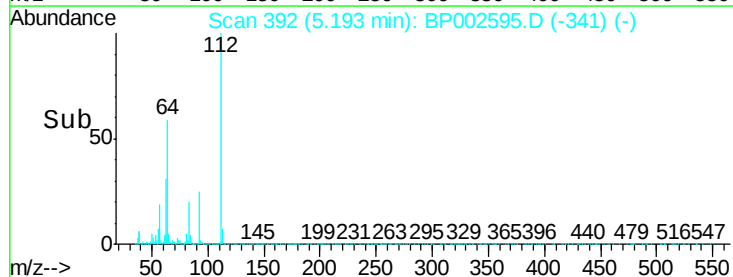
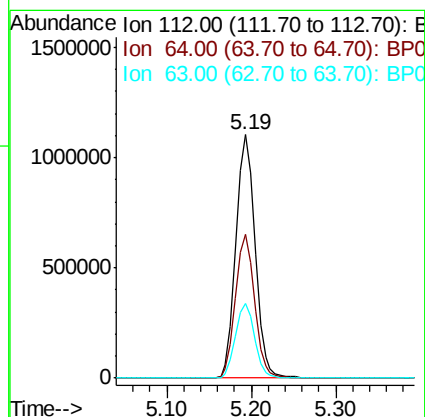
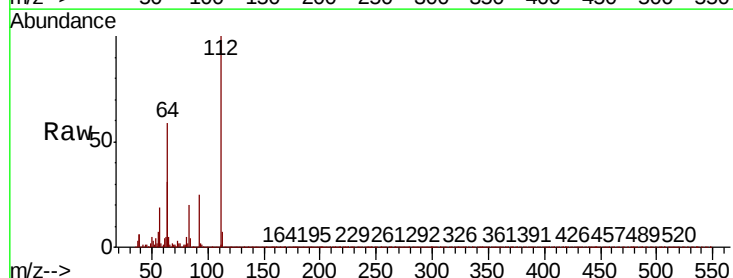
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	58.7	47.1	70.7

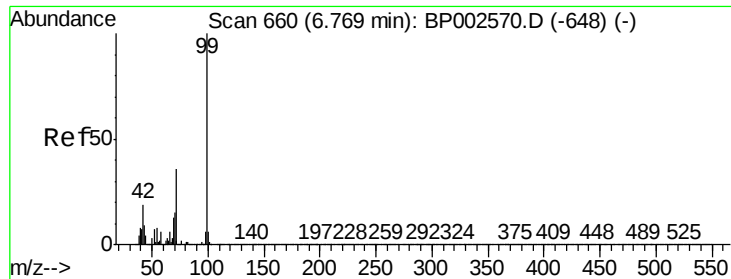


#5

2-Fluorophenol
Concen: 121.007 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.0	70.6
63	30.9	26.1	39.1





#7

Phenol-d6

Concen: 107.537 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002595.D

Acq: 01 Jul 2020 08:41

Instrument :

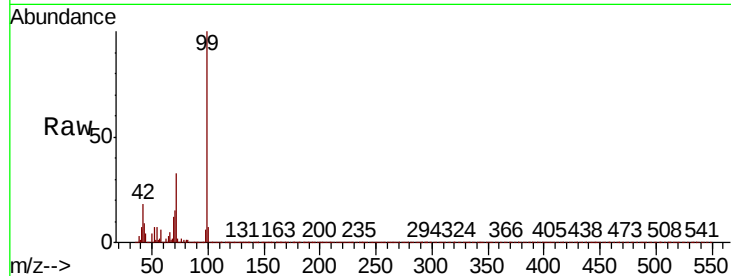
BNA_P

ClientSampleId :

BU-03-062620

Tot Ion: 99 Resp: 2134092

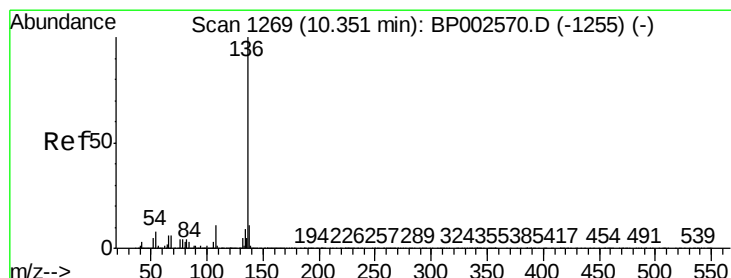
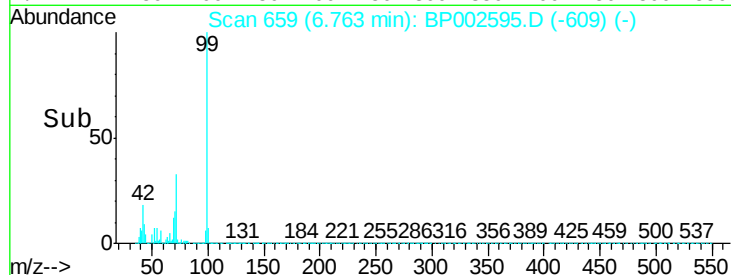
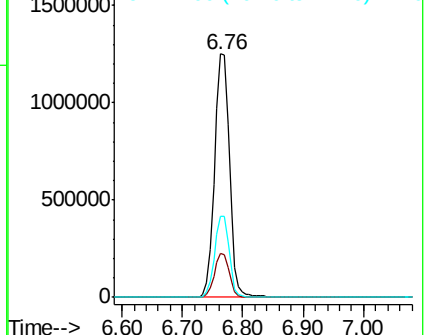
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.5	23.3
71	33.4	28.9	43.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

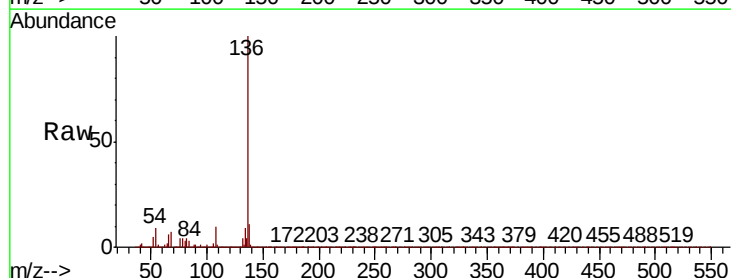
Delta R.T. -0.01 min

Lab File: BP002595.D

Acq: 01 Jul 2020 08:41

Tgt Ion: 136 Resp: 992668

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	6.4	9.6
68	7.0	5.1	7.7

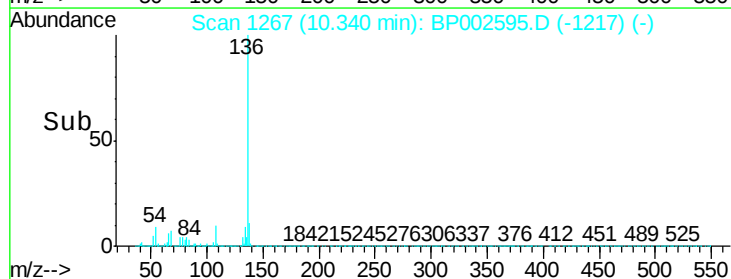
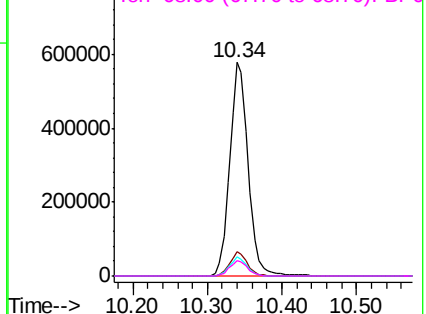


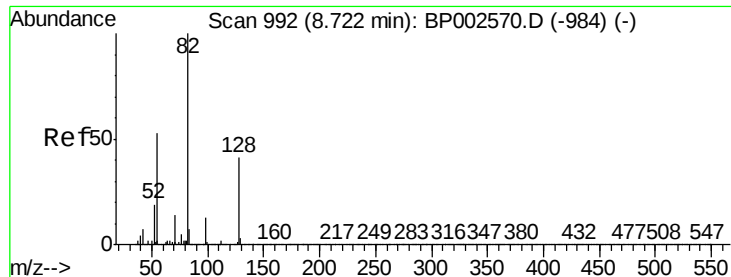
Abundance Ion 136.00 (135.70 to 136.70): E

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

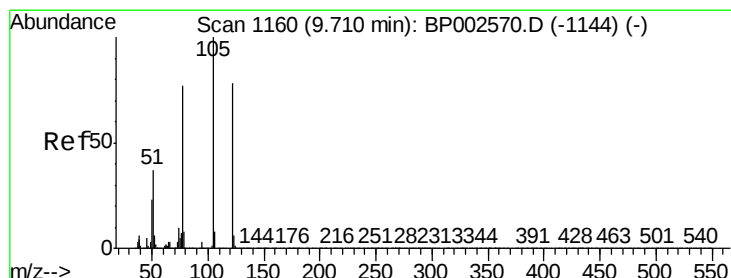
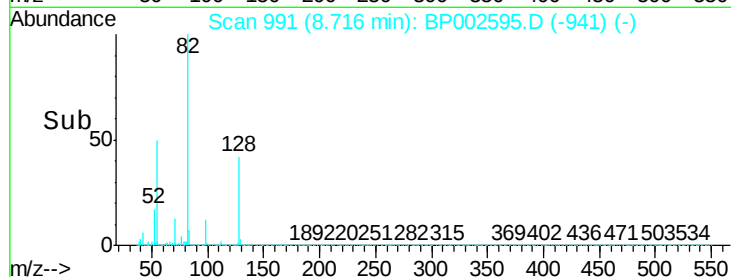
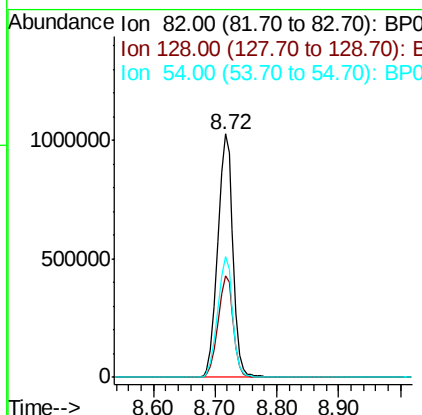
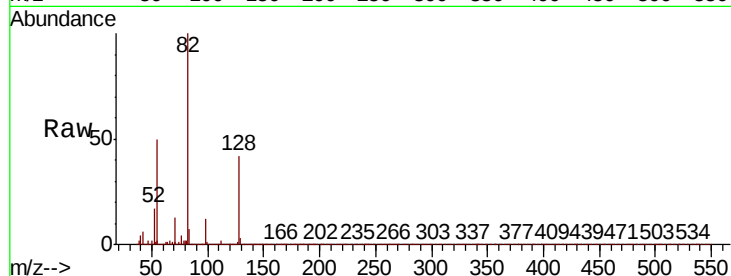




#23
Nitrobenzene-d5
Concen: 91.054 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

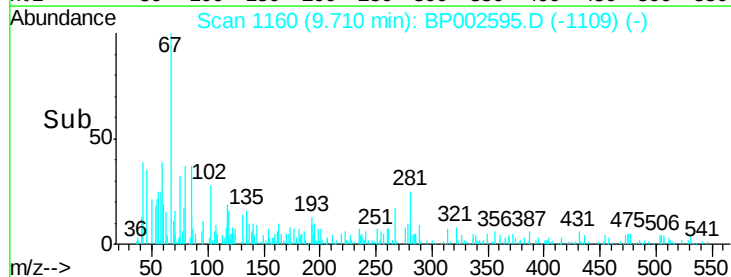
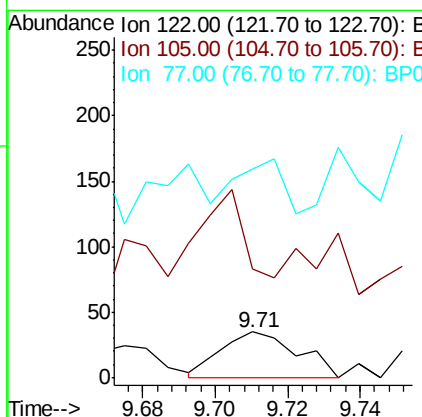
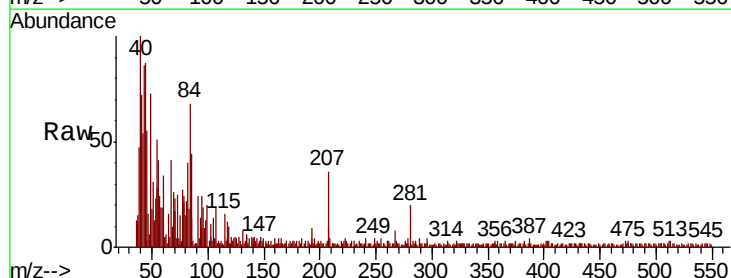
Instrument :
BNA_P
ClientSampleId :
BU-03-062620

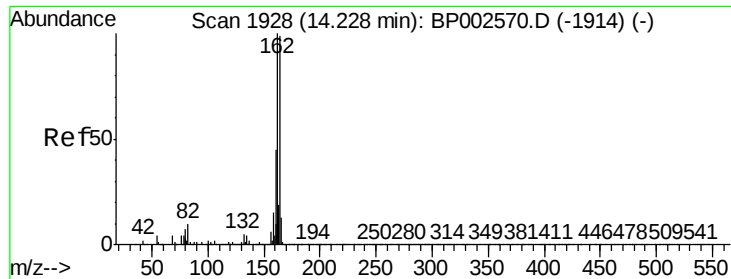
Tot Ion: 82 Resp: 1754211
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.2
54 49.8 40.1 60.1



#32
Benzoic acid
Concen: 8.703 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

Tgt Ion: 122 Resp: 51
Ion Ratio Lower Upper
122 100
105 237.1 106.6 146.6#
77 454.3 76.5 116.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002595.D

Acq: 01 Jul 2020 08:41

Instrument :

BNA_P

ClientSampled :

BU-03-062620

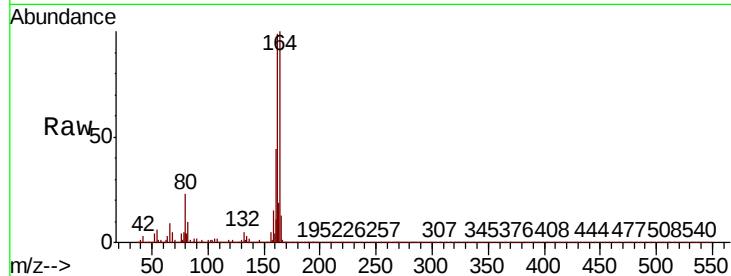
Tot Ion:164 Resp: 642816

Ion Ratio Lower Upper

164 100

162 99.1 80.3 120.5

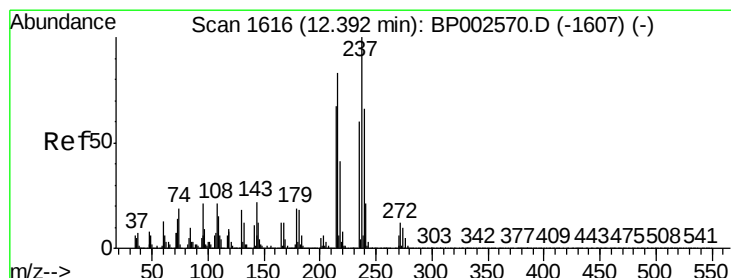
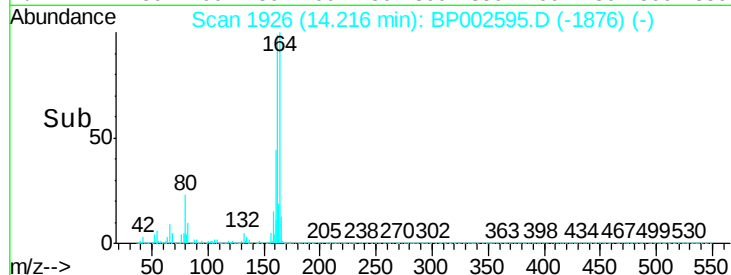
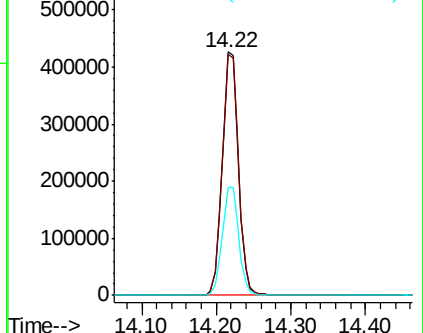
160 44.4 35.0 52.6



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: 12.49 min Scan# 1632

Delta R.T. 0.11 min

Lab File: BP002595.D

Acq: 01 Jul 2020 08:41

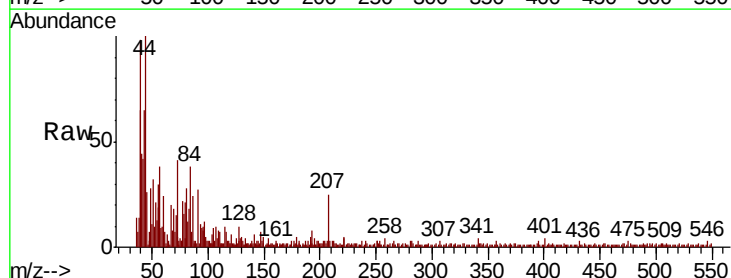
Tgt Ion:237 Resp: 25

Ion Ratio Lower Upper

237 100

235 50.0 45.4 85.4

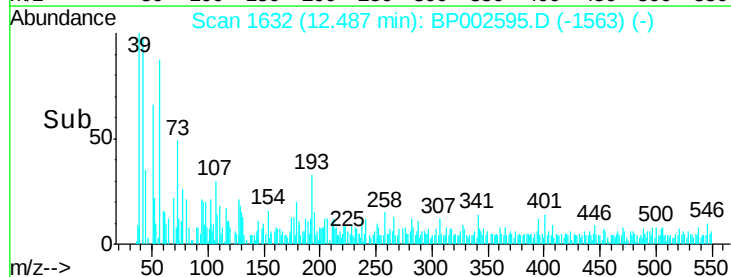
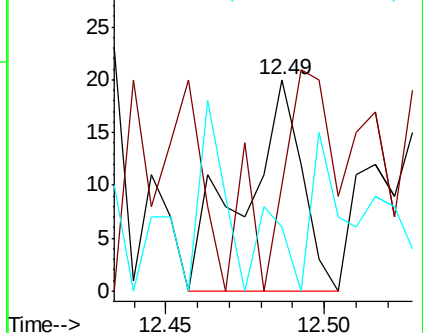
272 30.0 0.0 32.6

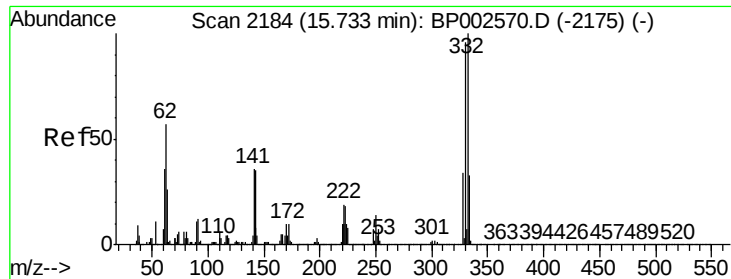


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

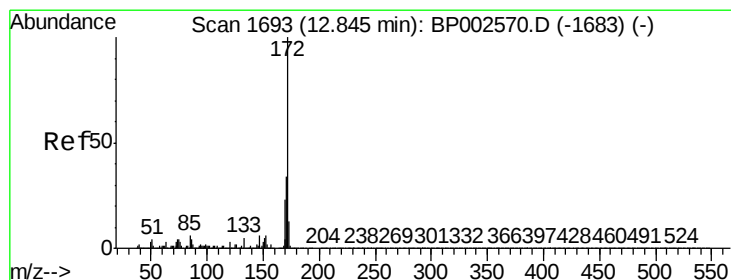
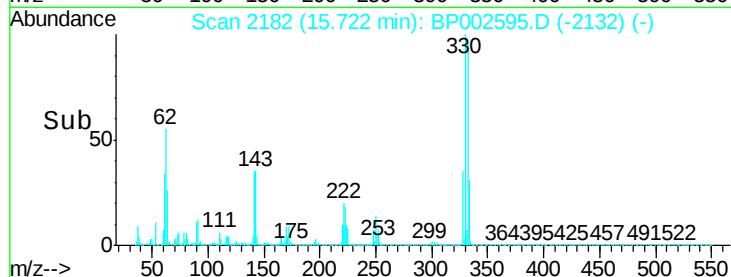
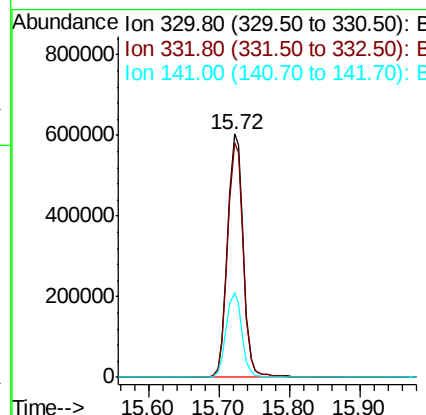
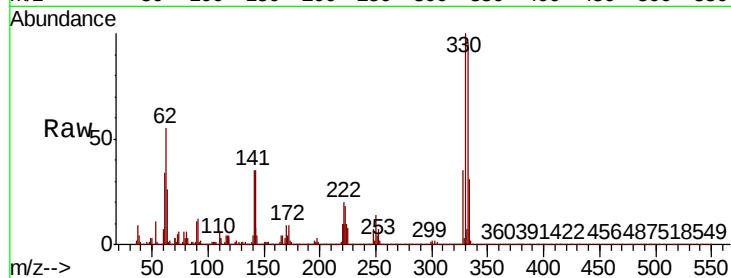




#42
2,4,6-Tribromophenol
Concen: 120.441 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

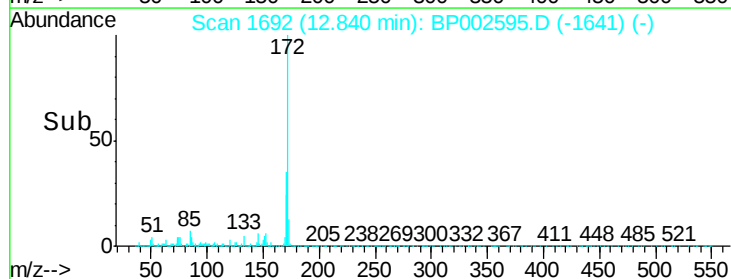
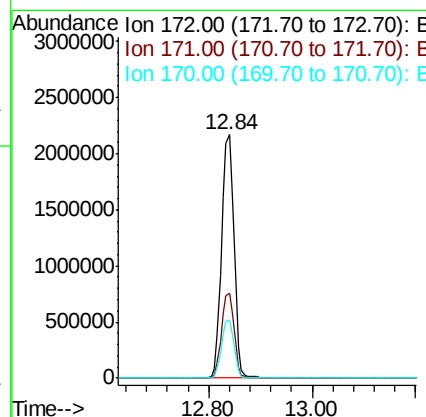
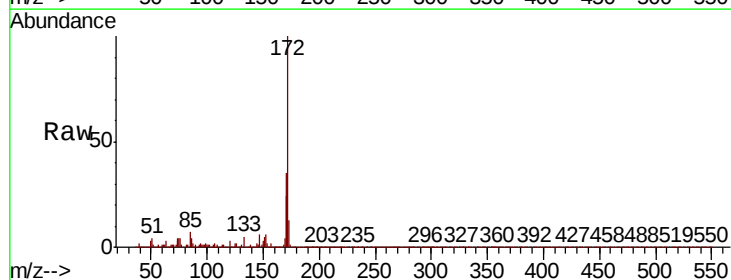
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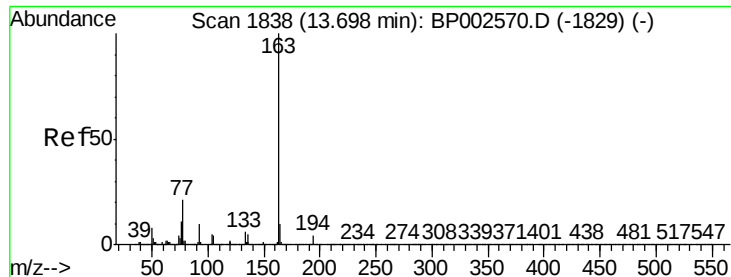
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.7	116.5
141	35.1	29.0	43.6



#45
2-Fluorobiphenyl
Concen: 83.252 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.9	19.0	28.4





#50

Dimethylphthalate

Concen: 13.497 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002595.D

Acq: 01 Jul 2020 08:41

Instrument :

BNA_P

ClientSampleId :

BU-03-062620

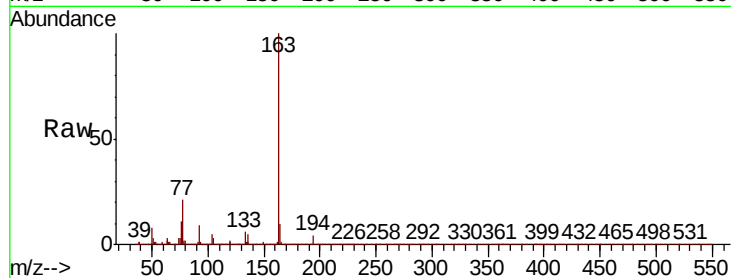
Tot Ion:163 Resp: 681418

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.0 8.2 12.4

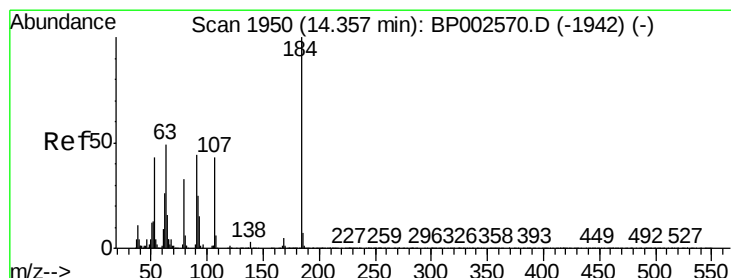
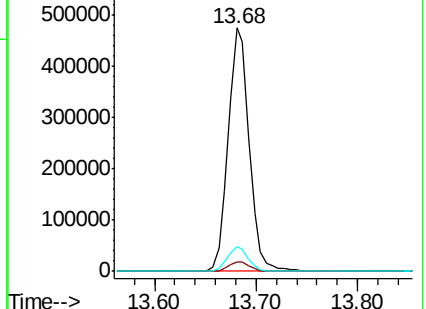
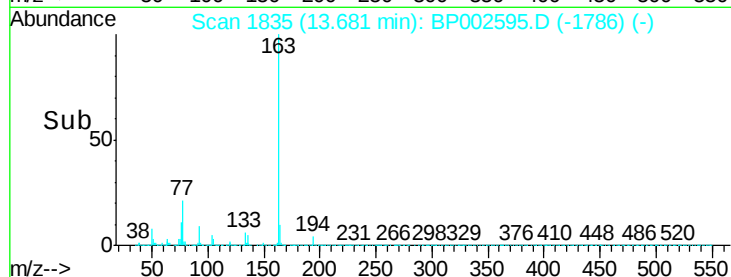


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.68



#54

2,4-Dinitrophenol

Concen: 6.018 ng

RT: 14.35 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BP002595.D

Acq: 01 Jul 2020 08:41

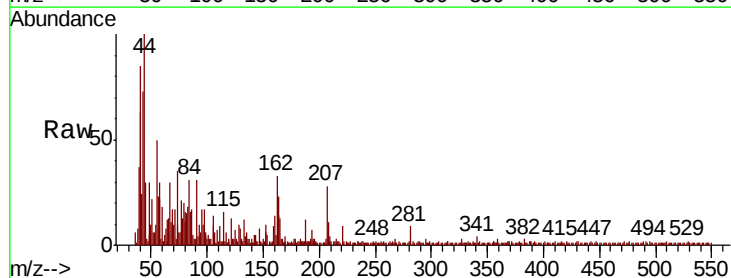
Tgt Ion:184 Resp: 66

Ion Ratio Lower Upper

184 100

63 200.0 56.2 84.2#

154 118.2 50.9 76.3#

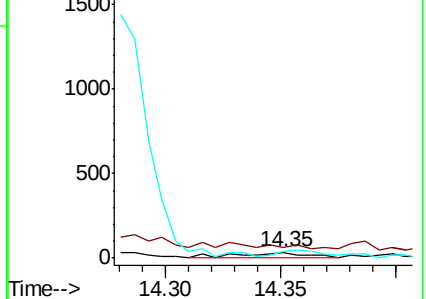
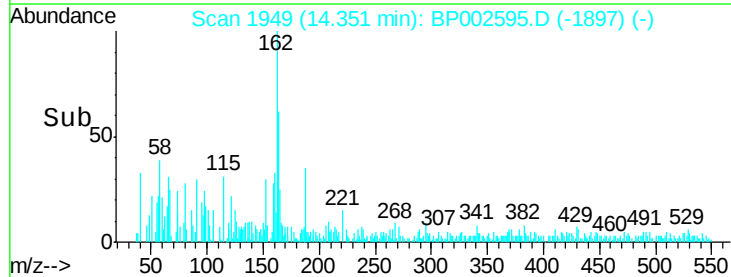


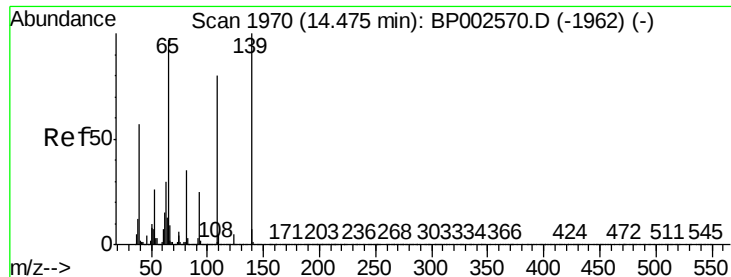
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

14.35

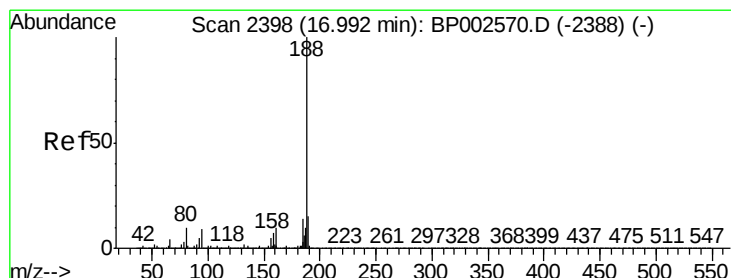
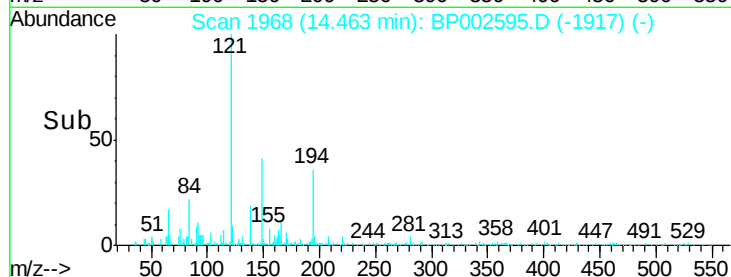
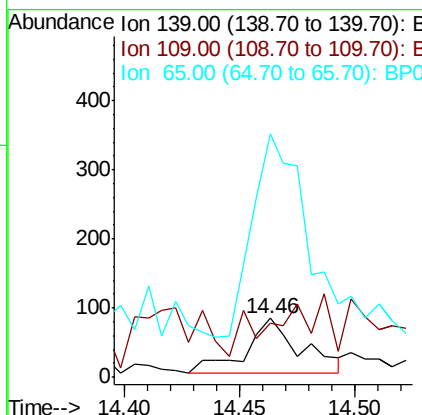
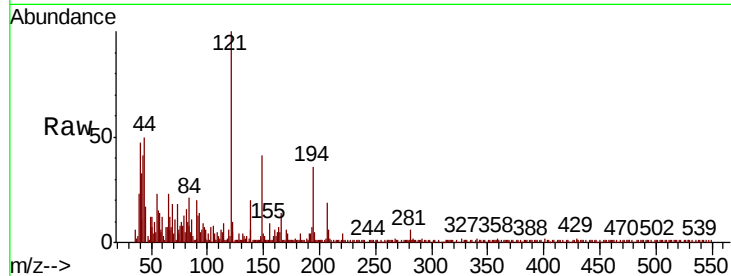




#56
4-Nitrophenol
Concen: 2.450 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

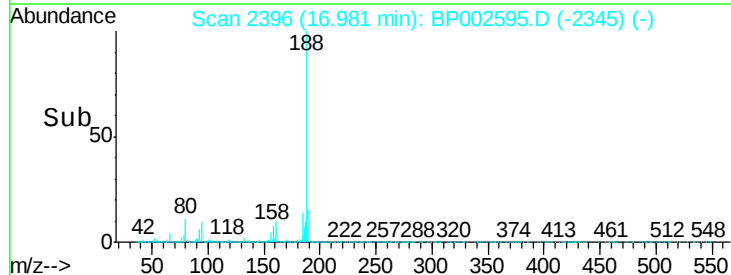
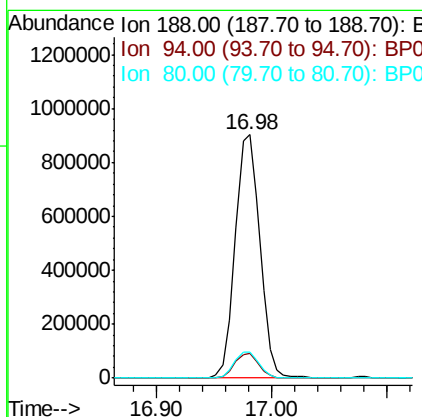
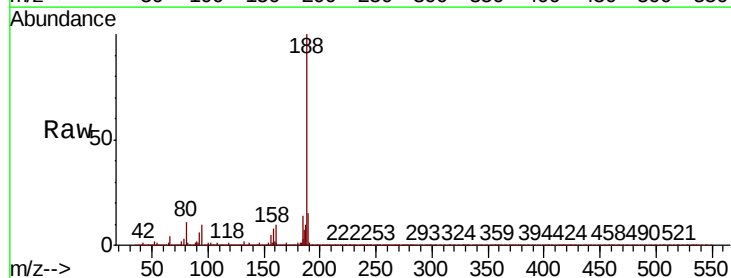
Instrument :
BNA_P
ClientSampleId :
BU-03-062620

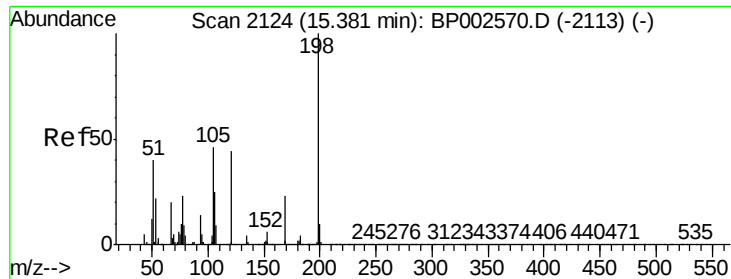
Tot Ion:139 Resp: 133
Ion Ratio Lower Upper
139 100
109 91.8 60.1 100.1
65 414.1 80.3 120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

Tgt Ion:188 Resp: 1337764
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 10.8 8.2 12.4

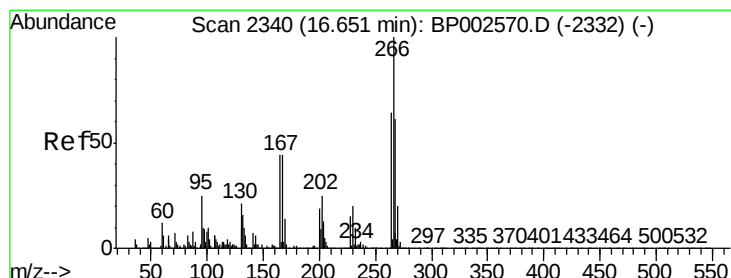
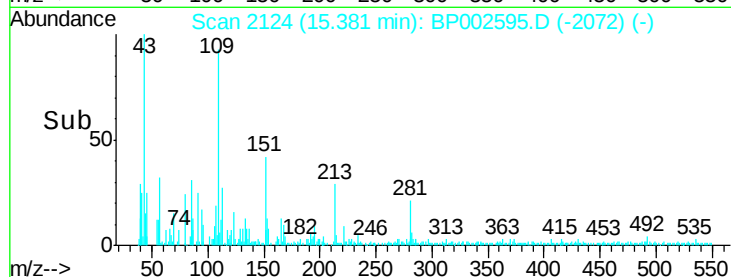
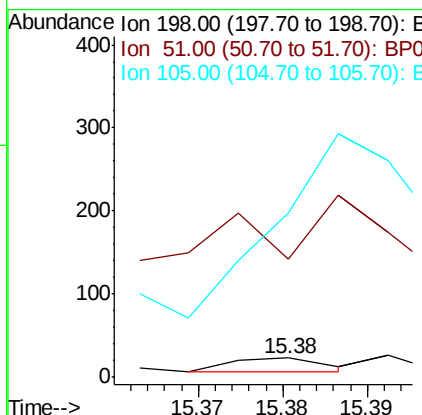
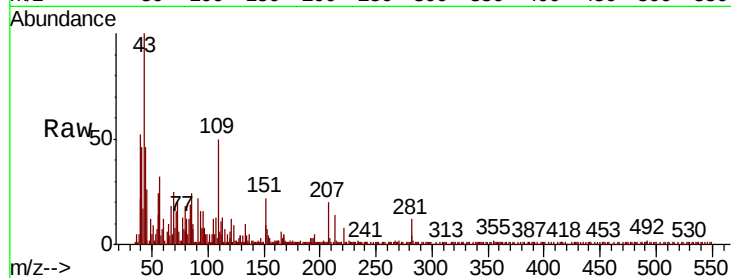




#65
4,6-Dinitro-2-methylphenol
Concen: 2.711 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

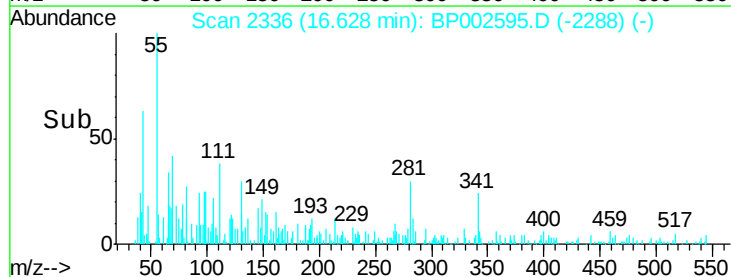
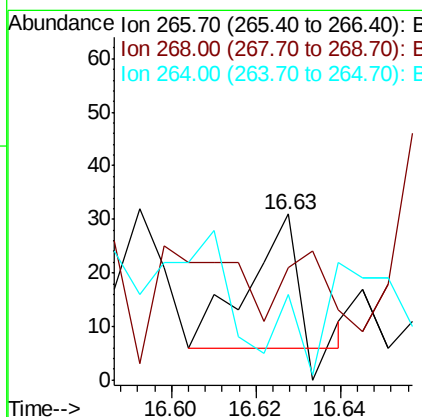
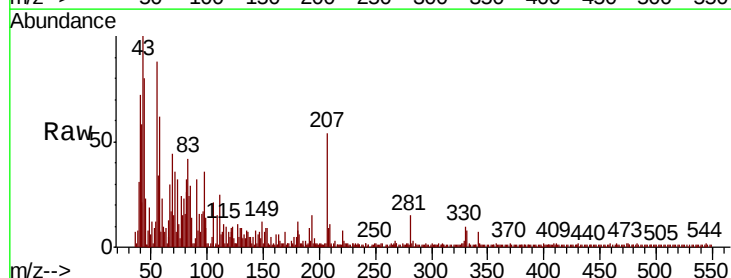
Instrument :
BNA_P
ClientSampleId :
BU-03-062620

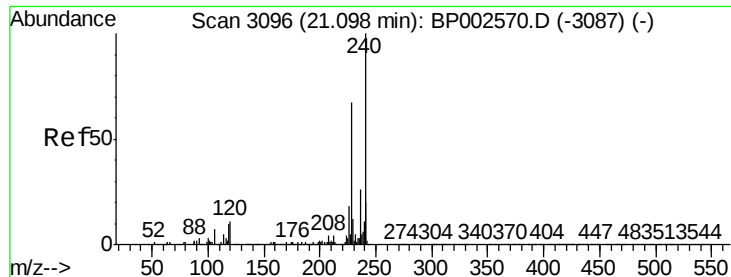
Tot Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 617.4 24.2 64.2#
105 860.9 20.7 60.7#



#70
Pentachlorophenol
Concen: 2.664 ng
RT: 16.63 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
268 67.7 49.7 74.5
264 51.6 49.3 73.9

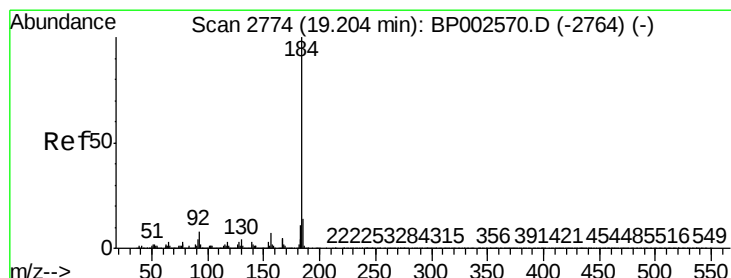
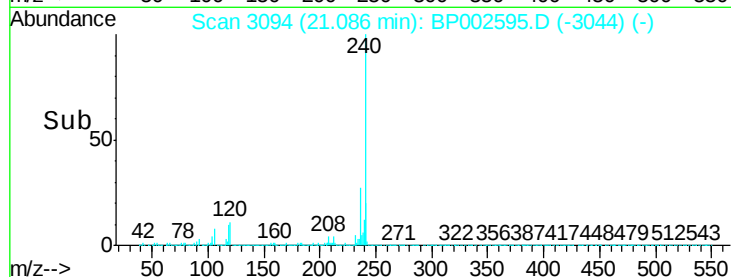
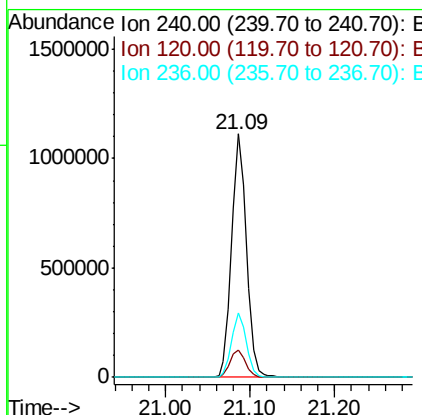
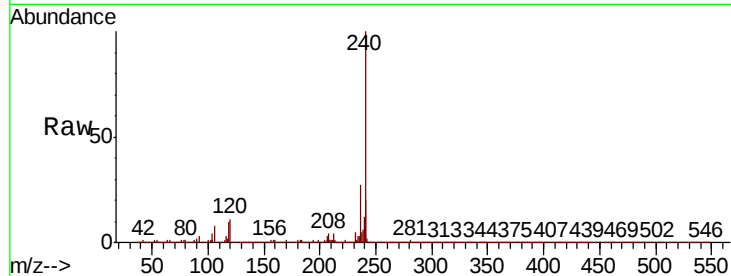




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

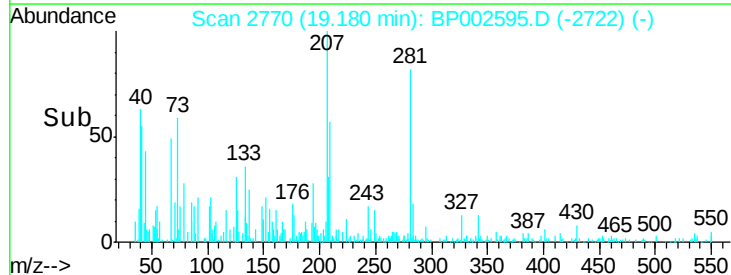
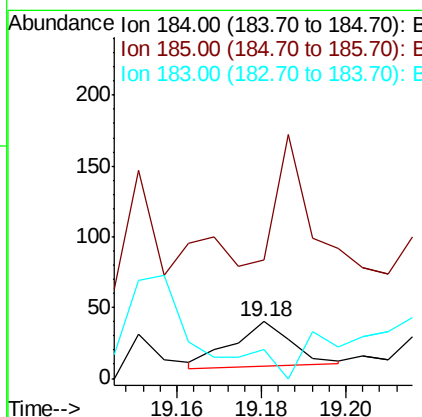
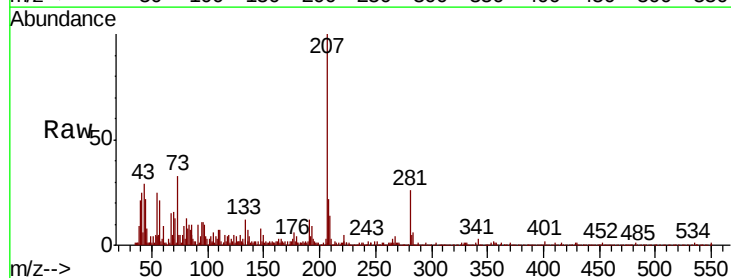
Instrument :
BNA_P
ClientSampleId :
BU-03-062620

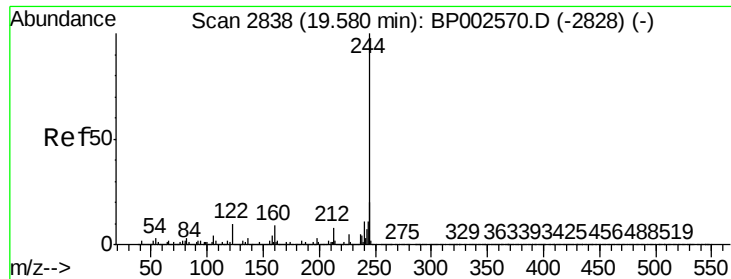
Tot Ion:240 Resp: 1329021
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 26.5 20.8 31.2



#77
Benzidine
Concen: 3.757 ng
RT: 19.18 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BP002595.D
Acq: 01 Jul 2020 08:41

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
185 210.0 11.4 17.2#
183 50.0 9.2 13.8#





#79

Terphenyl-d14

Concen: 68.098 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002595.D

Acq: 01 Jul 2020 08:41

Instrument :

BNA_P

ClientSampleId :

BU-03-062620

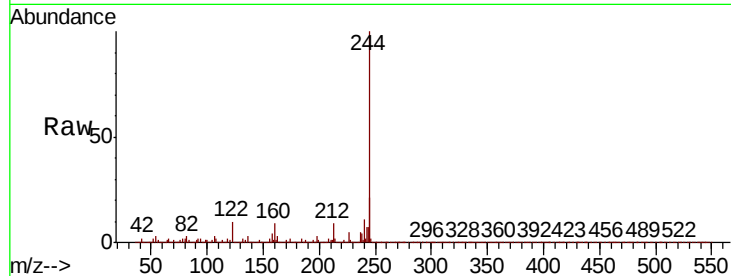
Tot Ion:244 Resp: 4192908

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

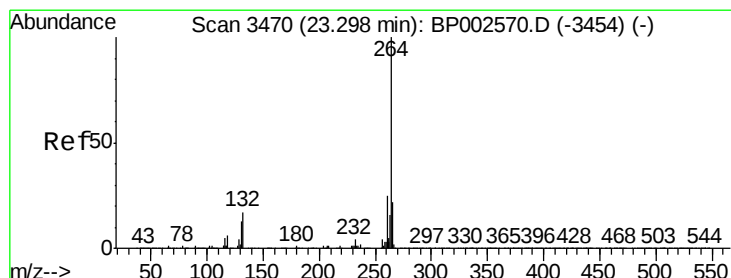
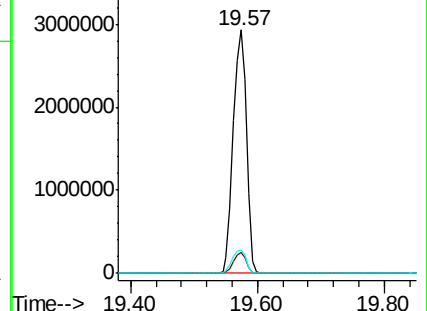
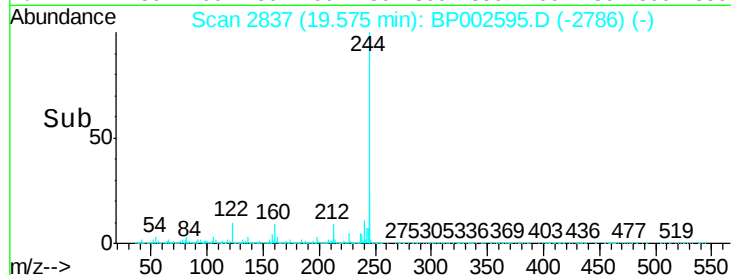
122 9.6 7.9 11.9



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: BP002595.D

Acq: 01 Jul 2020 08:41

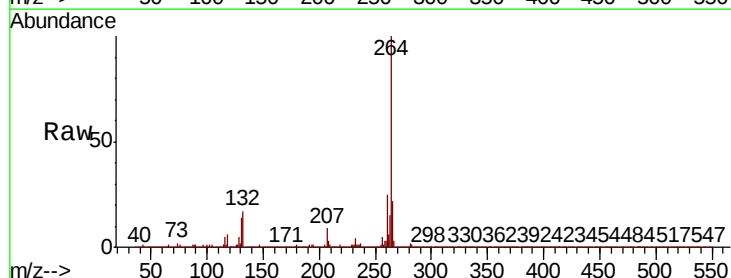
Tgt Ion:264 Resp: 859259

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.8 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

