

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003064.D
 Acq On : 20 Aug 2020 14:16
 Operator : CG/JU
 Sample : L3724-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T1-FIREWALL

Quant Time: Aug 20 15:54:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	261492	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1063473	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	670048	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1478017	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1695075	20.00	ng	-0.01
86) Perylene-d12	23.40	264	2094711	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1162756	68.06	ng	0.00
7) Phenol-d6	6.86	99	1607129	67.75	ng	-0.01
23) Nitrobenzene-d5	8.82	82	960938	48.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	331953	39.86	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	2878686	58.70	ng	-0.01
79) Terphenyl-d14	19.64	244	4216506	49.80	ng	-0.01

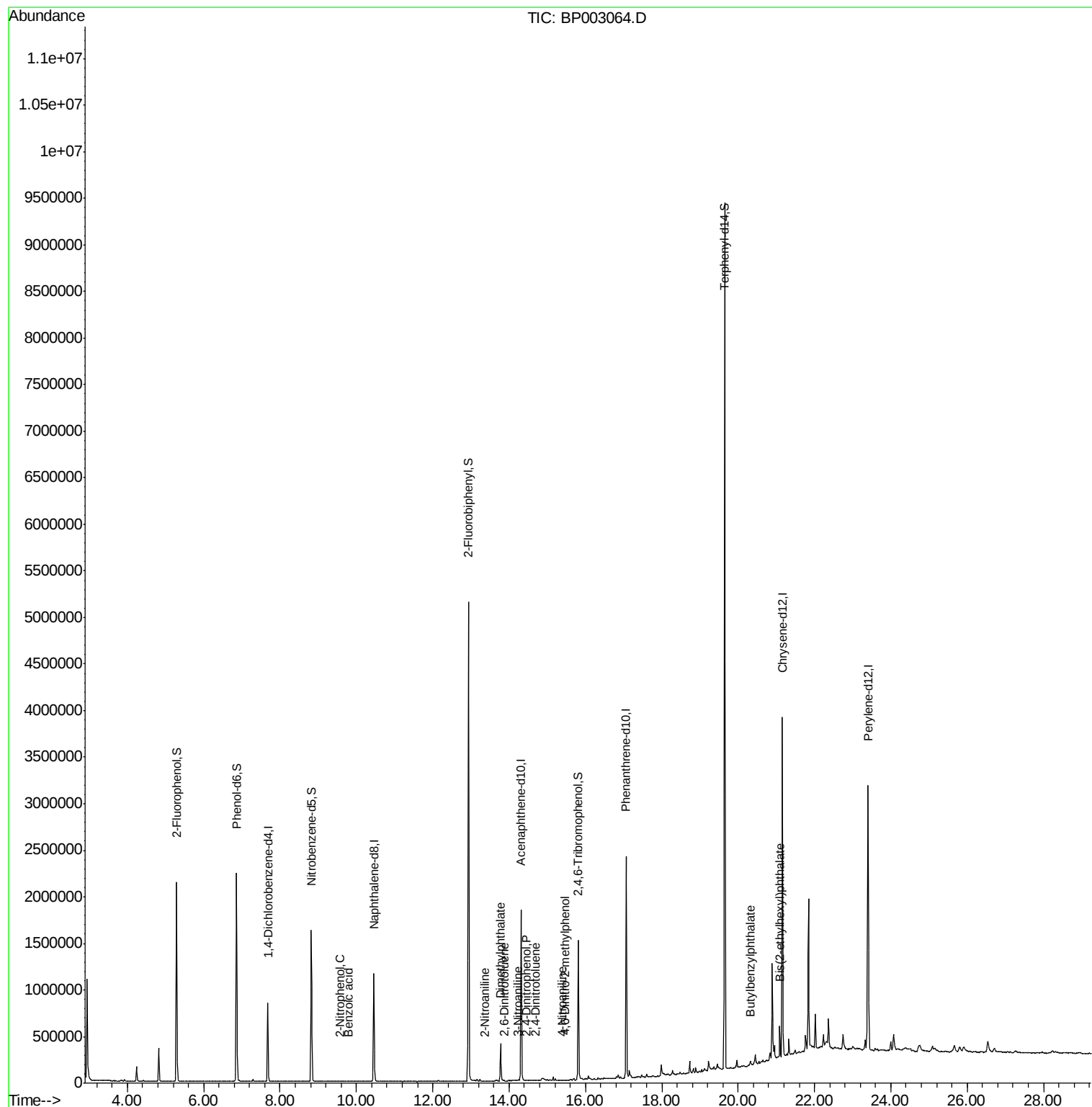
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.57	139	31	4.524	ng	# 1
32) Benzoic acid	9.80	122	19	7.688	ng	# 63
48) 2-Nitroaniline	13.36	65	97	3.980	ng	# 12
50) Dimethylphthalate	13.77	163	314046	5.993	ng	99
51) 2,6-Dinitrotoluene	13.87	165	672	2.953	ng	# 62
53) 3-Nitroaniline	14.23	138	68	3.279	ng	# 60
54) 2,4-Dinitrophenol	14.44	184	14	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	89	3.811	ng	# 62
62) 4-Nitroaniline	15.39	138	361	2.444	ng	# 75
65) 4,6-Dinitro-2-methylphenol	15.47	198	46	6.905	ng	# 1
80) Butylbenzylphthalate	20.33	149	5526	3.165	ng	90
84) Bis(2-ethylhexyl)phthalate	21.09	149	140899	2.148	ng	99

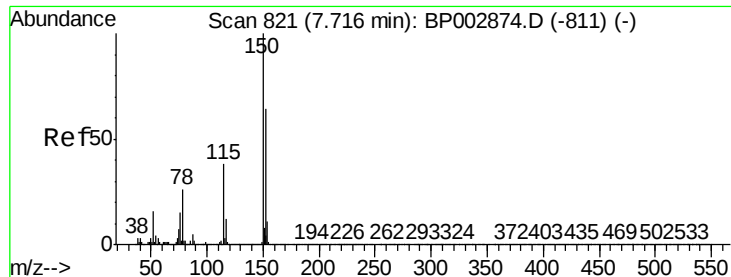
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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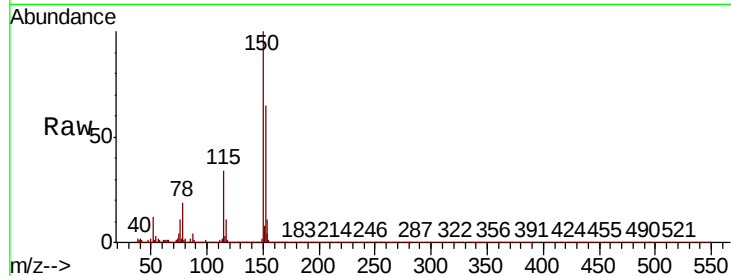


#1

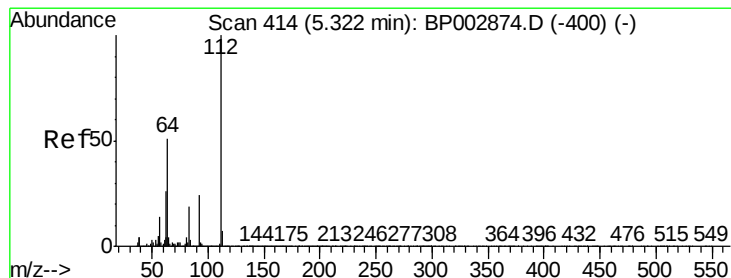
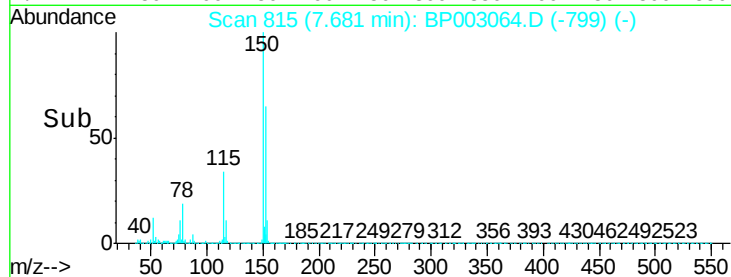
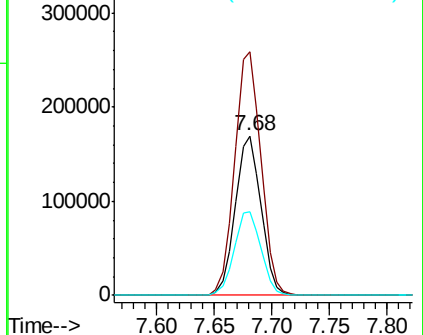
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

Instrument :
BNA_P
ClientSampleId :
T1-FIREWALL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.1	189.1
115	52.7	43.4	65.2



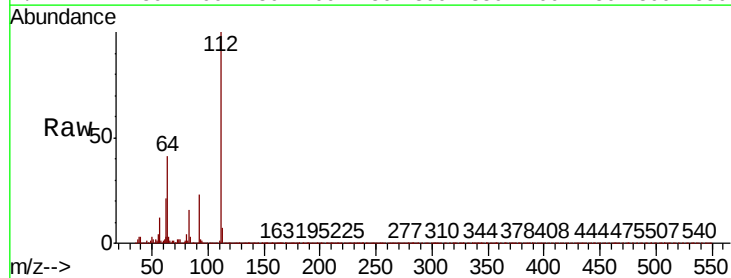
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



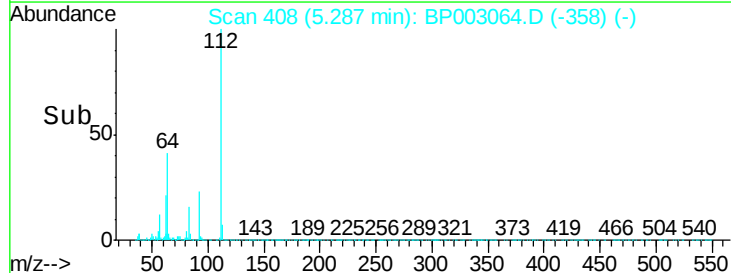
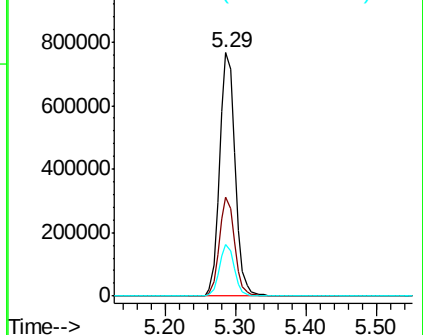
#5

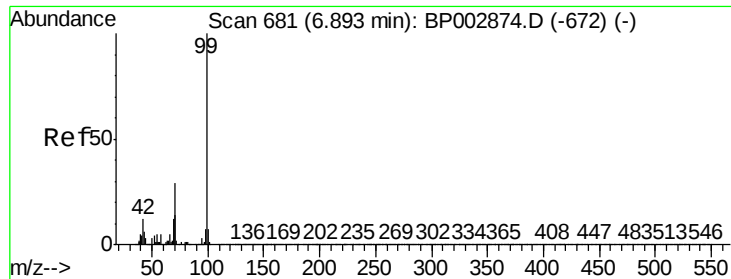
2-Fluorophenol
Concen: 68.055 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.7	33.4	50.2
63	21.0	17.4	26.0



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: 67.752 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Instrument :

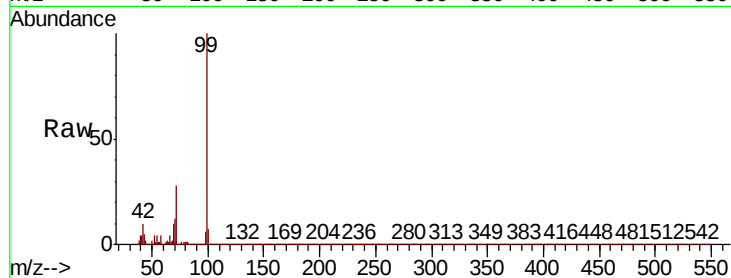
BNA_P

ClientSampleId :

T1-FIREWALL

Tot Ion: 99 Resp: 1607129

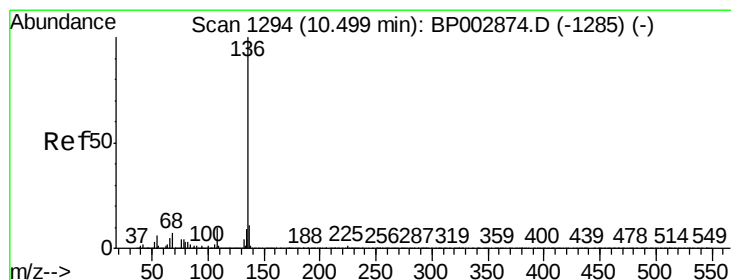
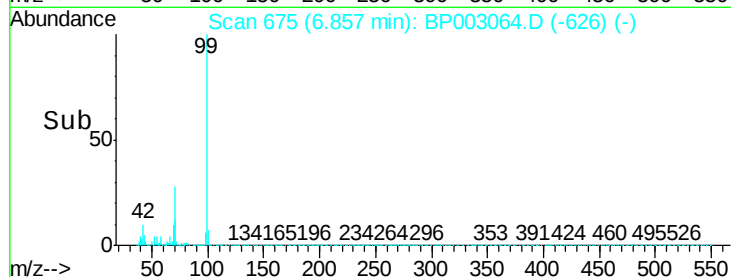
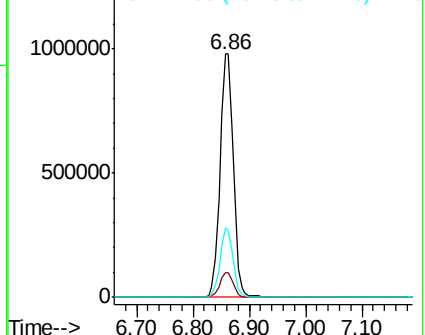
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.0	12.0
71	28.4	21.3	31.9



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: 10.46 min Scan# 1287

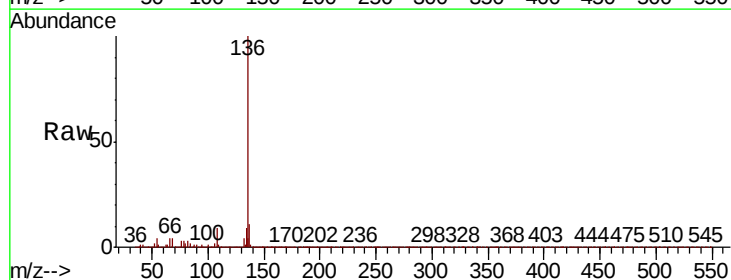
Delta R.T. -0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Tgt Ion: 136 Resp: 1063473

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.3	3.8	5.8
68	4.3	3.8	5.8

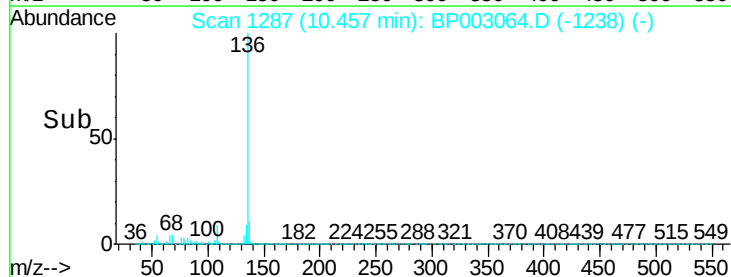
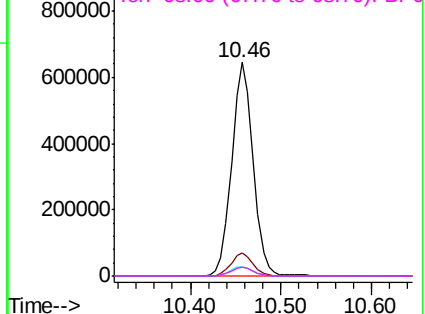


Abundance Ion 136.00 (135.70 to 136.70): E

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

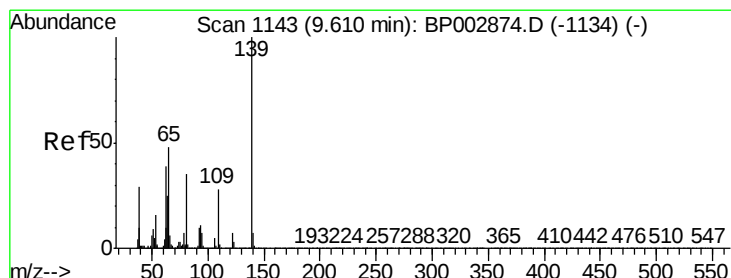
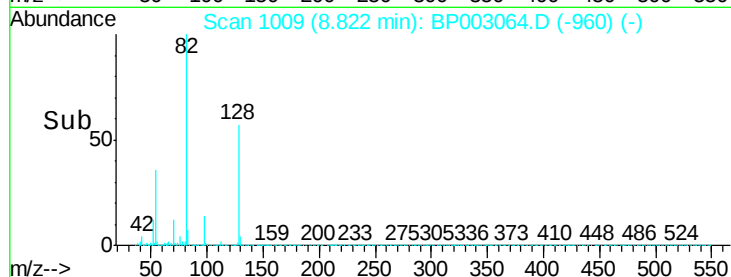
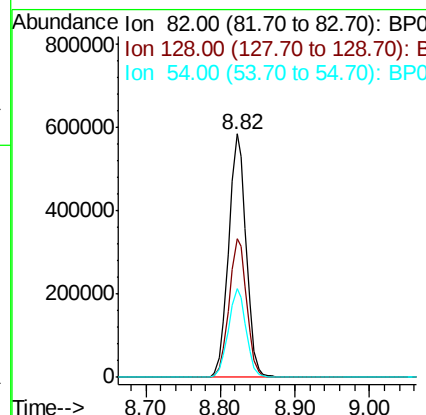
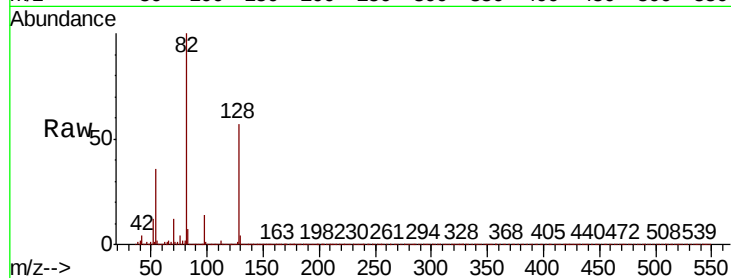




#23
Nitrobenzene-d5
Concen: 48.940 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

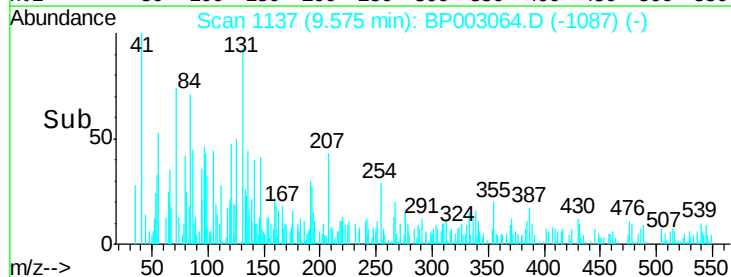
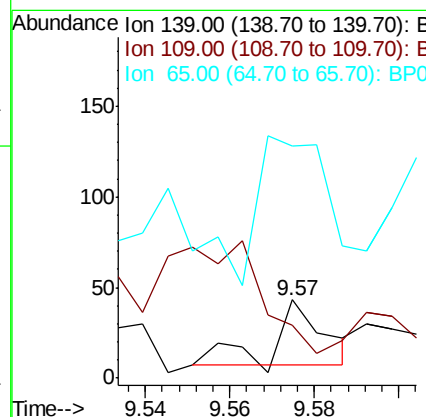
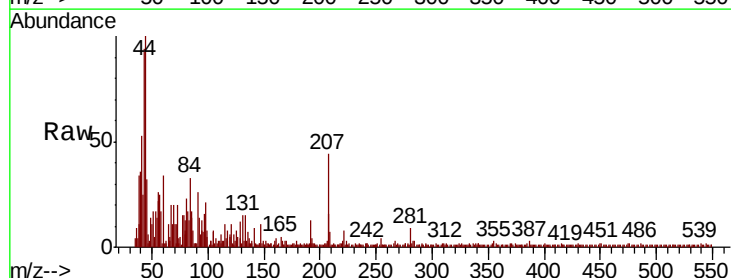
Instrument :
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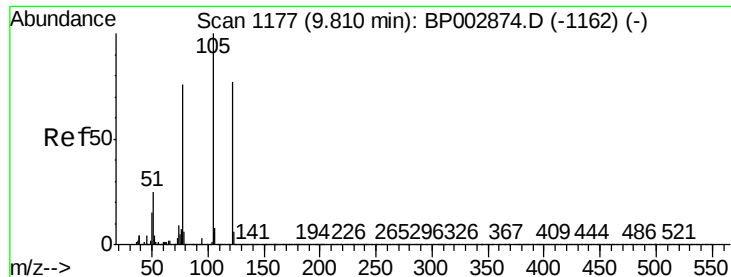
Tot Ion:	82	Resp:	960938
Ion	Ratio	Lower	Upper
82	100		
128	57.1	45.1	67.7
54	36.2	28.8	43.2



#26
2-Nitrophenol
Concen: 4.524 ng
RT: 9.57 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

Tgt Ion:	139	Resp:	31
Ion	Ratio	Lower	Upper
139	100		
109	67.4	21.0	31.6#
65	297.7	27.2	40.8#

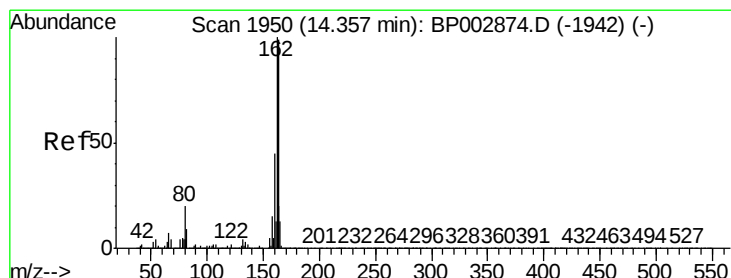
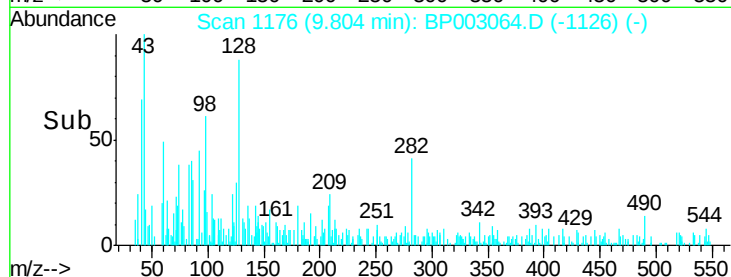
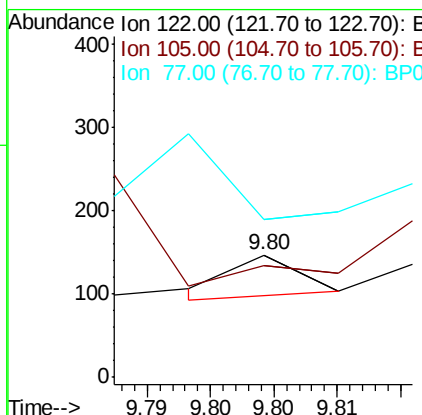
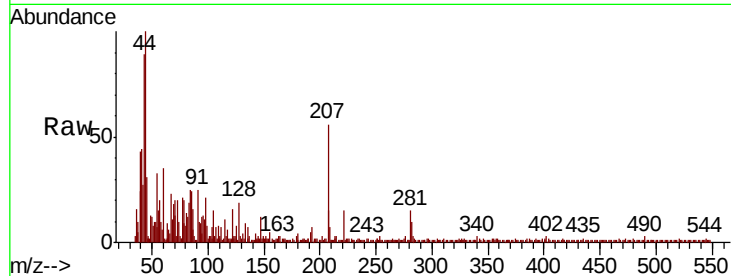




#32
Benzoic acid
Concen: 7.688 ng
RT: 9.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

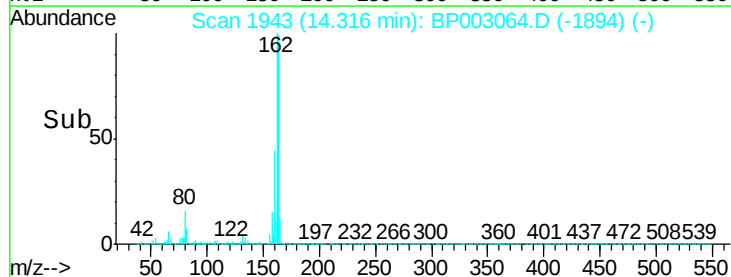
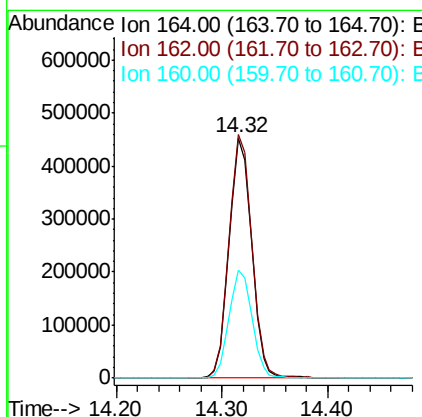
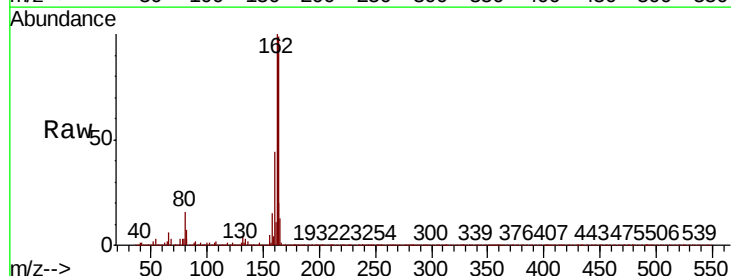
Instrument :
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ClientSampleId :
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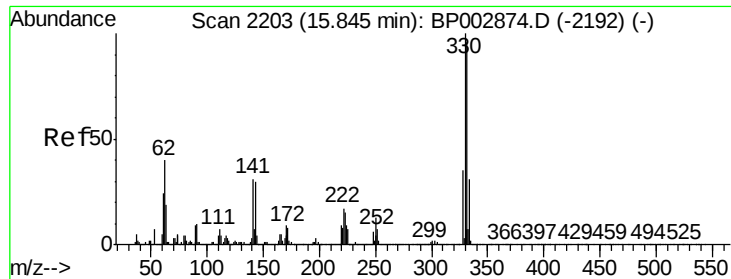
Tot Ion	Ratio	Lower	Upper
122	100		
105	75.7	96.2	136.2#
77	107.3	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	44.9	35.5	53.3

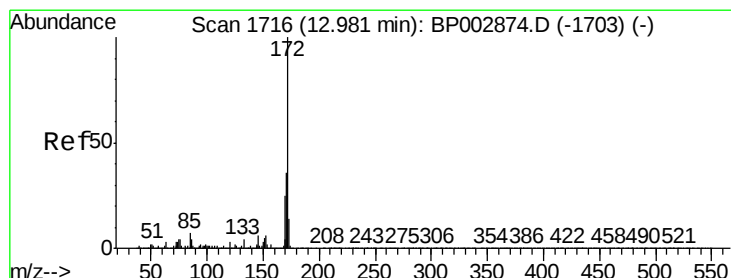
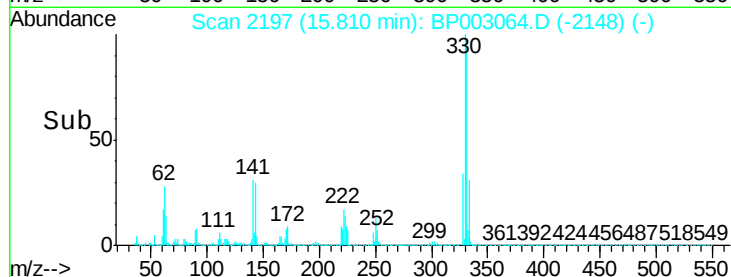
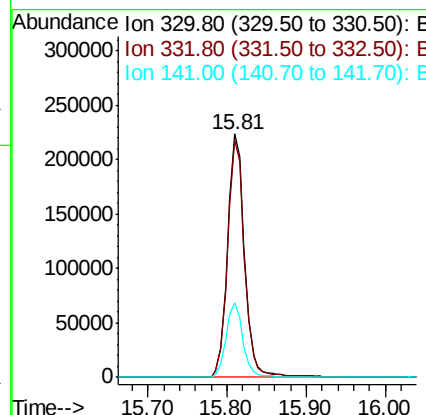
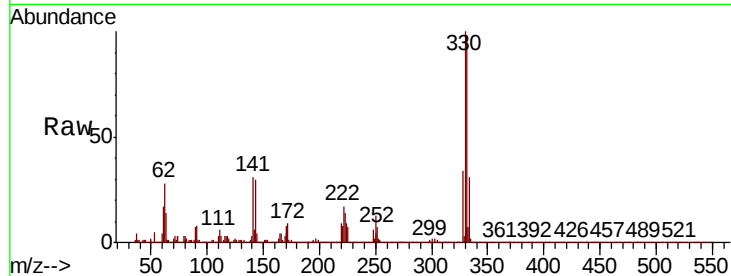




#42
 2,4,6-Tribromophenol
 Concen: 39.860 ng
 RT: 15.81 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BP003064.D
 Acq: 20 Aug 2020 14:16

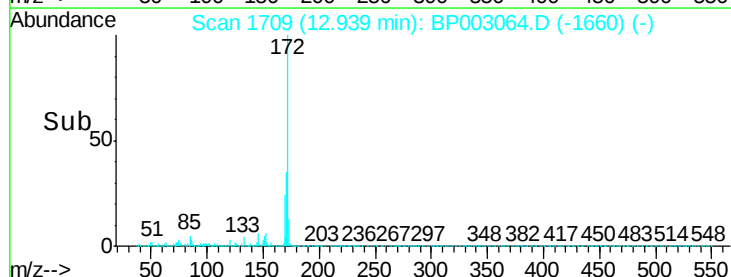
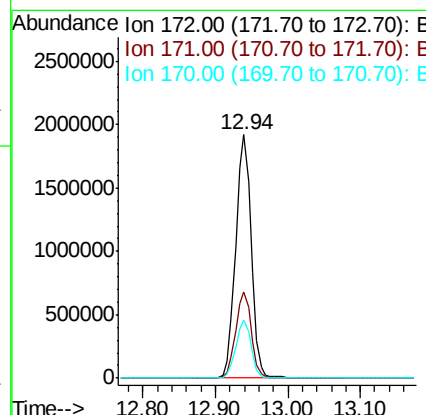
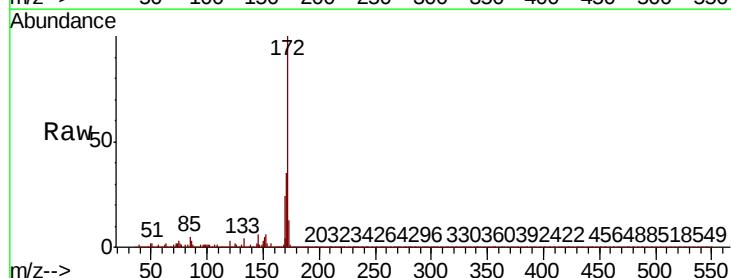
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 ClientSampleId :
 T1-FIREWALL

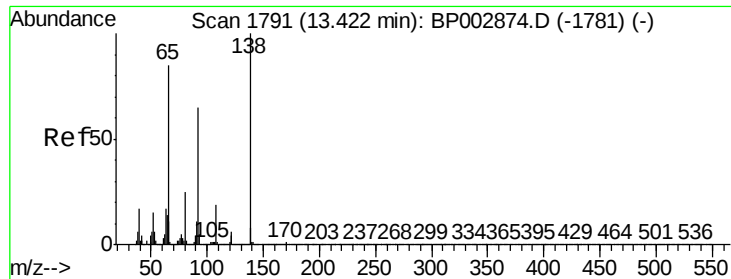
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.4	26.7	40.1



#45
 2-Fluorobiphenyl
 Concen: 58.699 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003064.D
 Acq: 20 Aug 2020 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.6	19.1	28.7

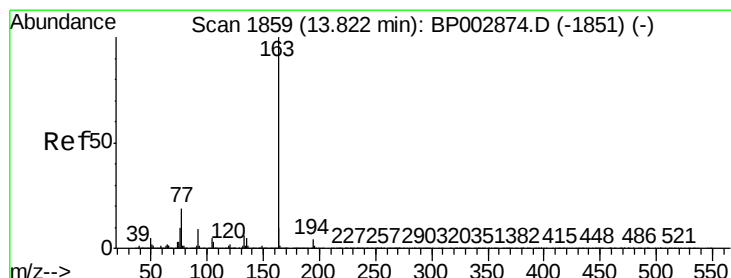
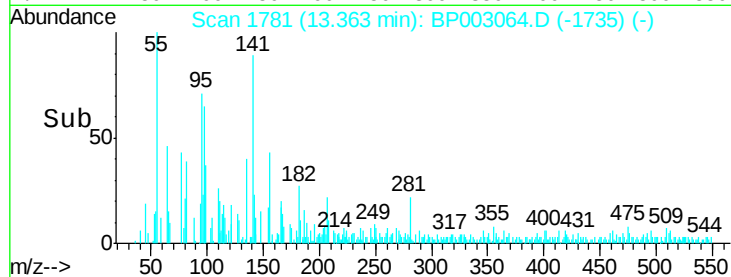
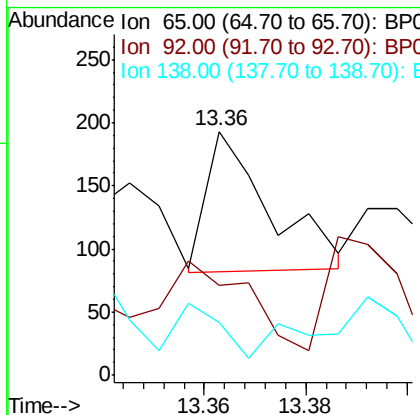
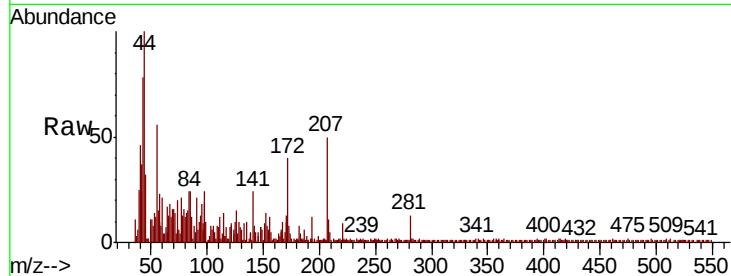




#48
2-Nitroaniline
Concen: 3.980 ng
RT: 13.36 min Scan# 1781
Delta R.T. -0.03 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

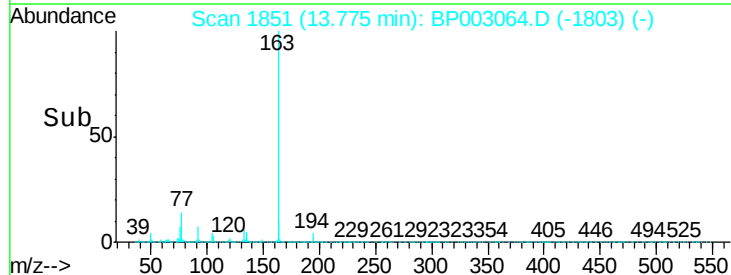
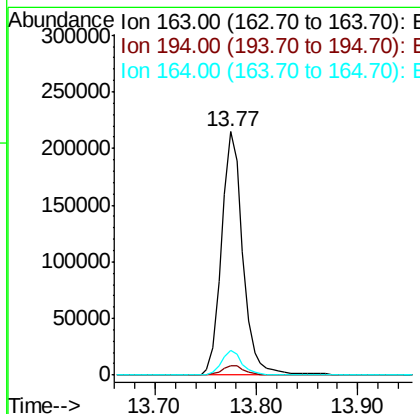
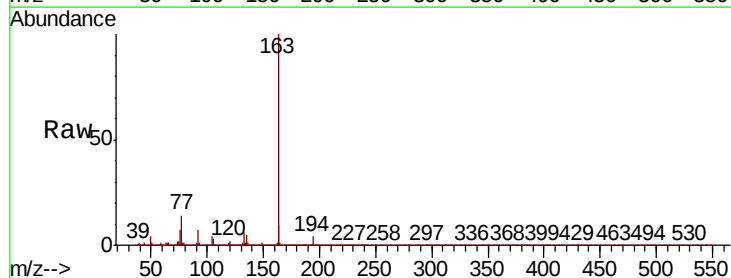
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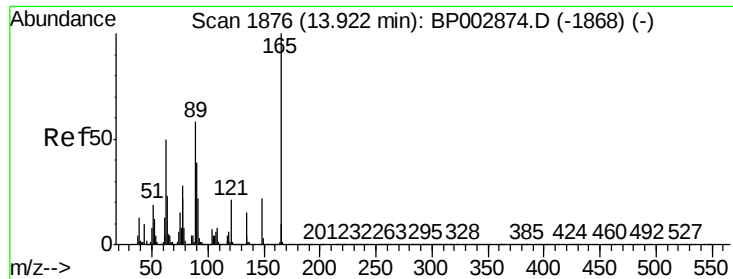
Tot Ion: 65 Resp: 97
Ion Ratio Lower Upper
65 100
92 36.8 70.1 105.1#
138 21.8 129.7 194.5#



#50
Dimethylphthalate
Concen: 5.993 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

Tgt Ion: 163 Resp: 314046
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 2.953 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.03 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Instrument :

BNA_P

ClientSampleId :

T1-FIREWALL

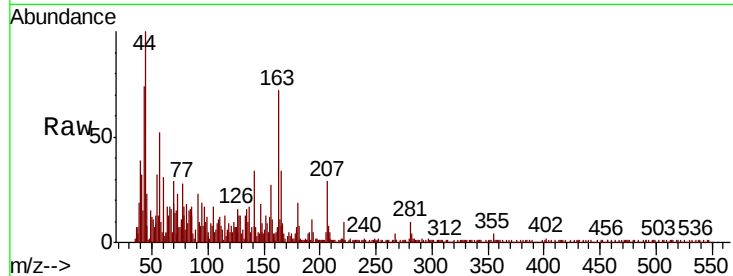
Tot Ion:165 Resp: 672

Ion Ratio Lower Upper

165 100

63 15.2 28.1 42.1#

89 16.4 34.5 51.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

13.87

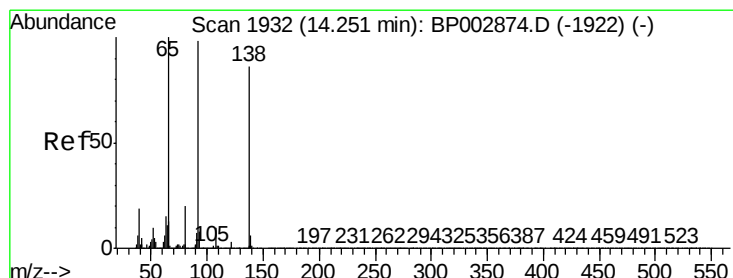
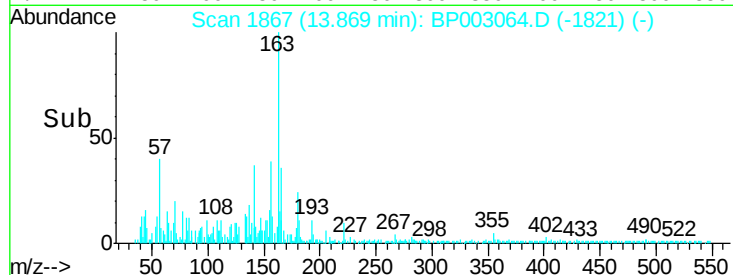
400

200

0

13.85 13.90

Time-->



#53

3-Nitroaniline

Concen: 3.279 ng

RT: 14.23 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

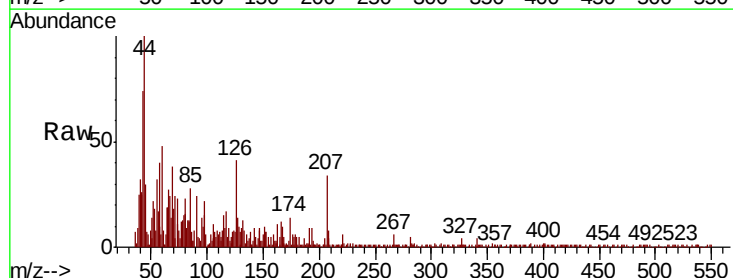
Tgt Ion:138 Resp: 68

Ion Ratio Lower Upper

138 100

108 59.0 7.7 11.5#

92 65.0 75.6 113.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0

14.23

250

200

150

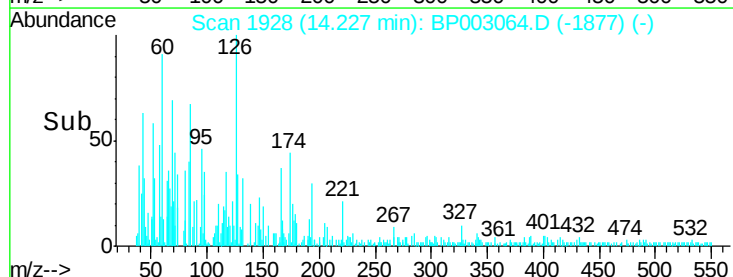
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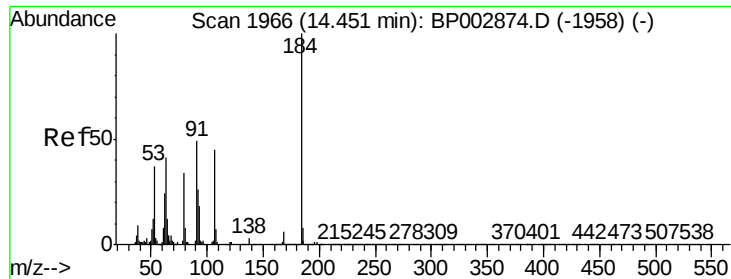
50

0

14.20 14.22 14.24

Time-->

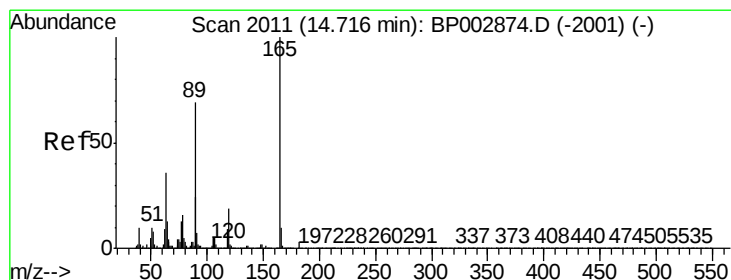
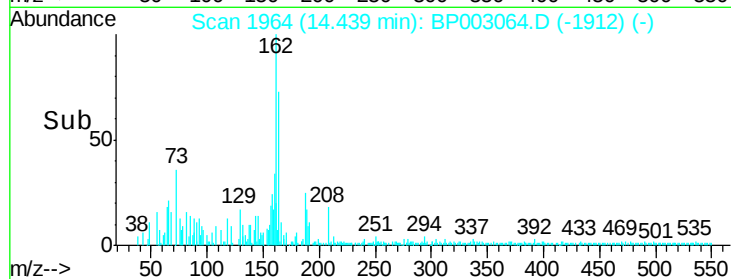
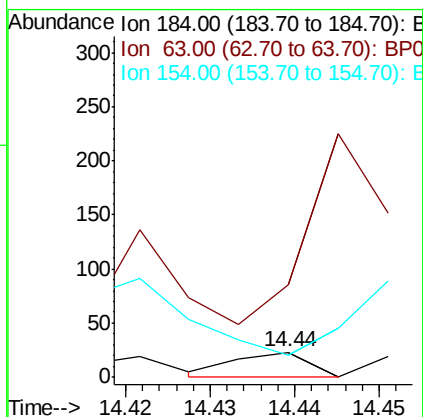
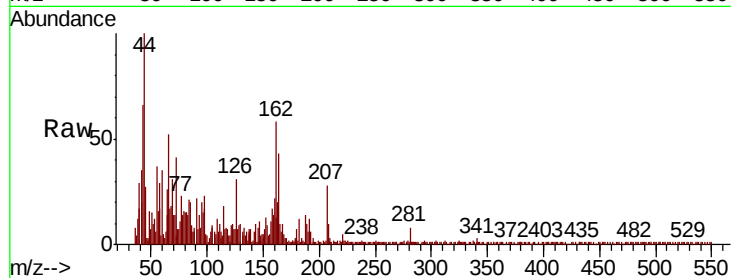




#54
2,4-Dinitrophenol
Concen: 8.060 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

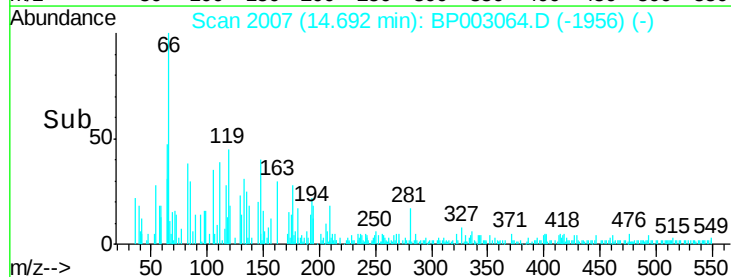
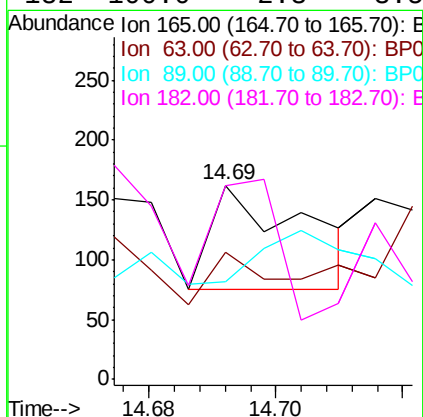
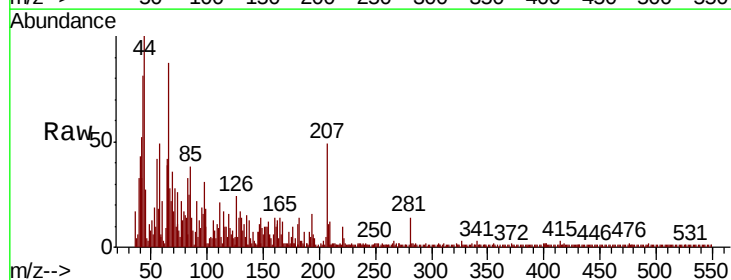
Instrument :
BNA_P
ClientSampleId :
T1-FIREWALL

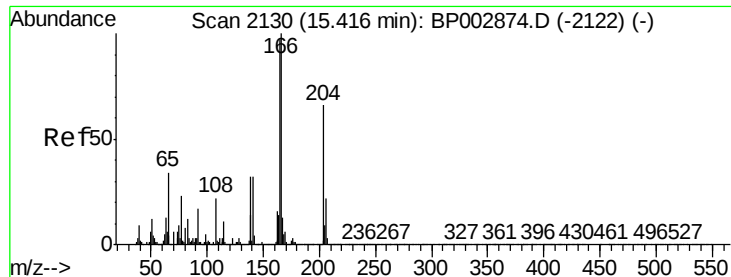
Tot Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 369.6 33.0 49.6#
154 87.0 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 3.811 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BP003064.D
Acq: 20 Aug 2020 14:16

Tgt Ion:165 Resp: 89
Ion Ratio Lower Upper
165 100
63 65.4 20.6 31.0#
89 50.6 43.4 65.0
182 100.0 2.3 3.5#





#62

4-Nitroaniline

Concen: 2.444 ng

RT: 15.39 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Instrument :

BNA_P

ClientSampled :

T1-FIREWALL

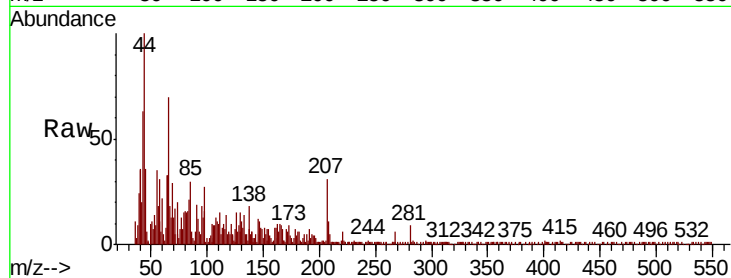
Tot Ion:138 Resp: 361

Ion Ratio Lower Upper

138 100

92 66.4 21.4 61.4#

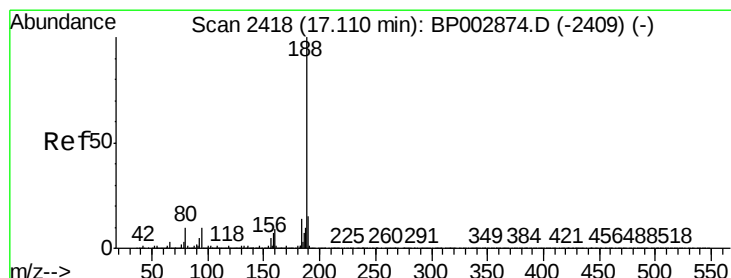
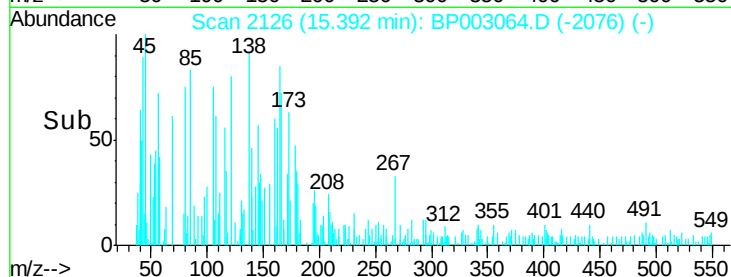
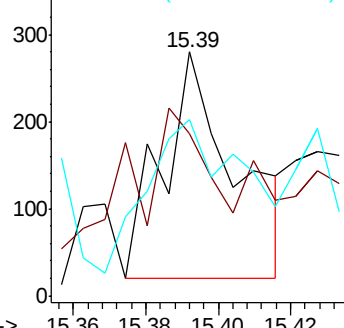
108 72.1 40.8 80.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

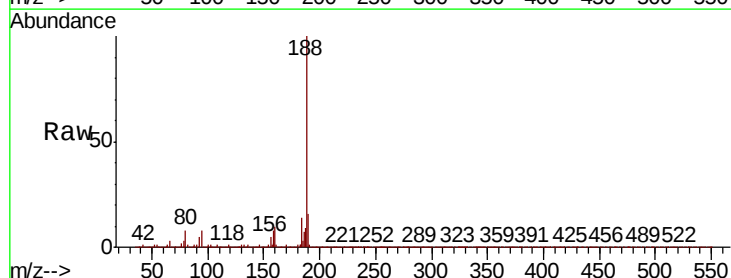
Tgt Ion:188 Resp: 1478017

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

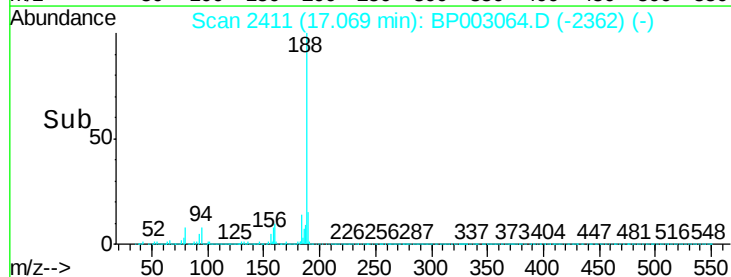
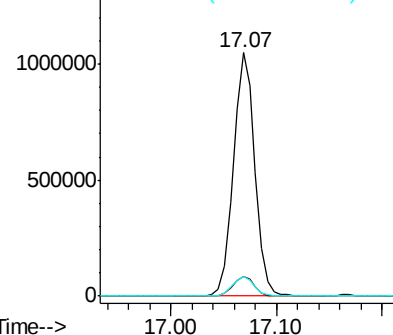
80 8.2 6.7 10.1

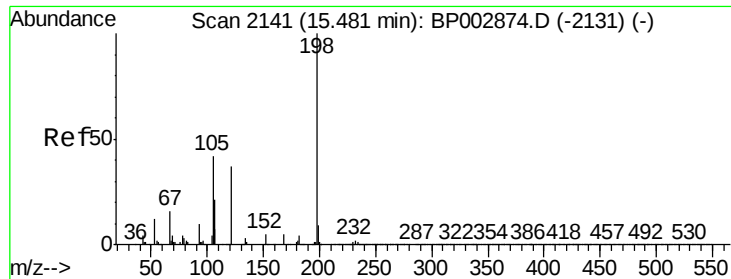


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 6.905 ng

RT: 15.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Instrument :

BNA_P

ClientSampleId :

T1-FIREWALL

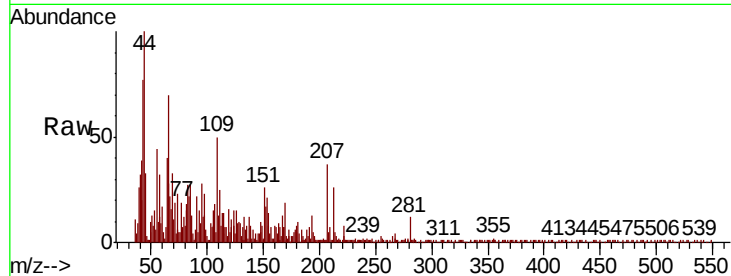
Tot Ion:198 Resp: 46

Ion Ratio Lower Upper

198 100

51 1025.0 6.2 46.2#

105 1160.0 19.9 59.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

400

300

200

100

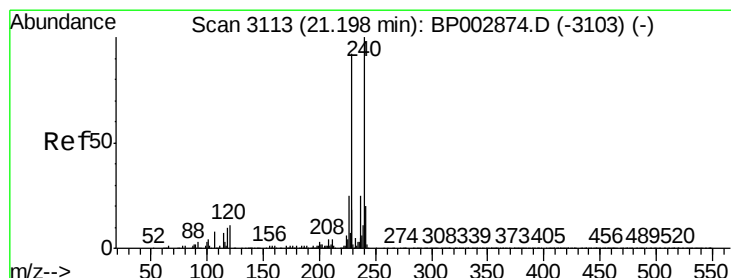
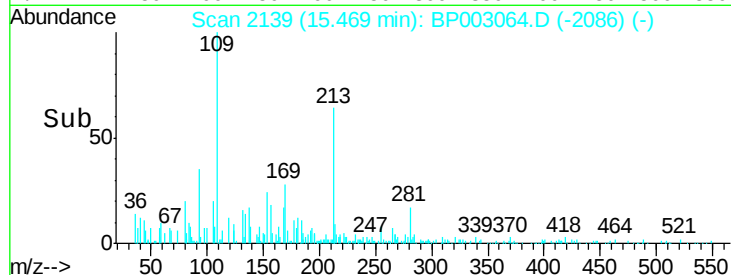
0

15.45

15.50

15.47

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

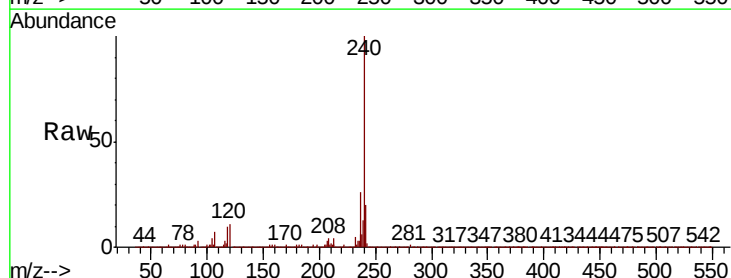
Tgt Ion:240 Resp: 1695075

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

236 25.7 20.8 31.2



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

1500000

1000000

500000

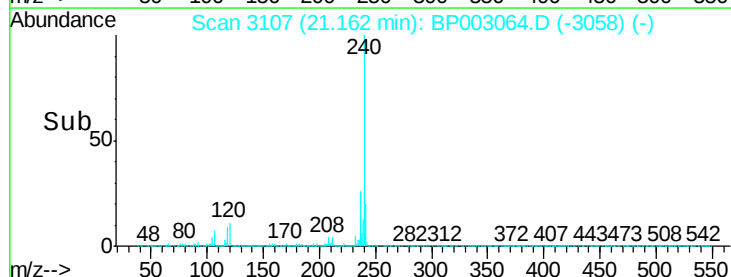
0

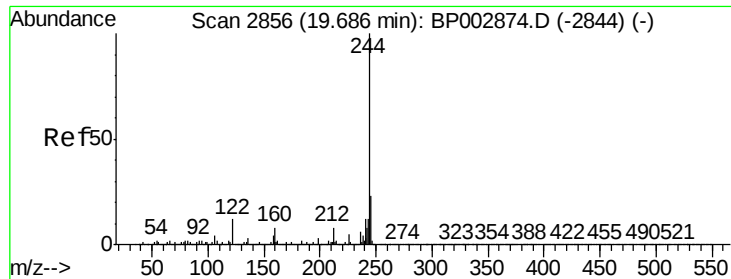
21.10

21.20

21.30

Time-->





#79

Terphenyl-d14

Concen: 49.799 ng

RT: 19.64 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Instrument :

BNA_P

ClientSampleId :

T1-FIREWALL

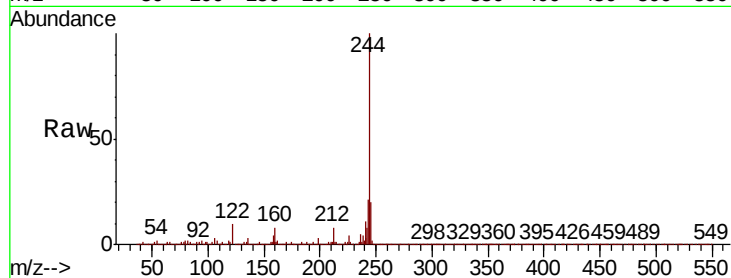
Tot Ion:244 Resp: 4216506

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

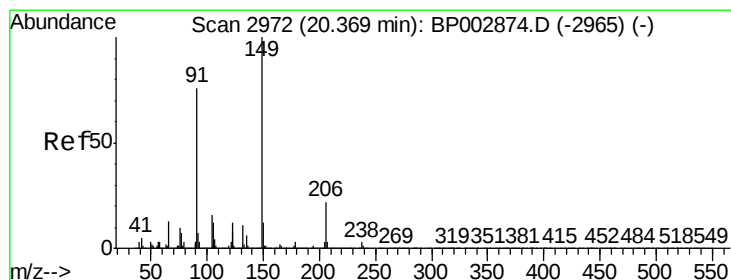
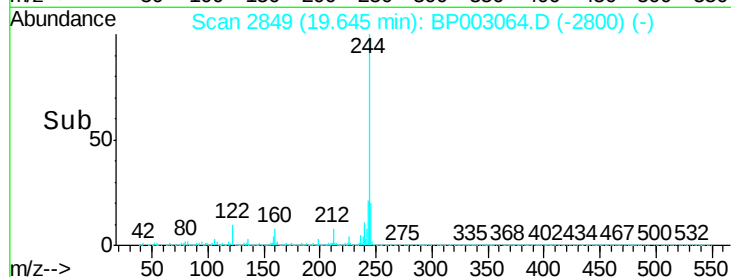
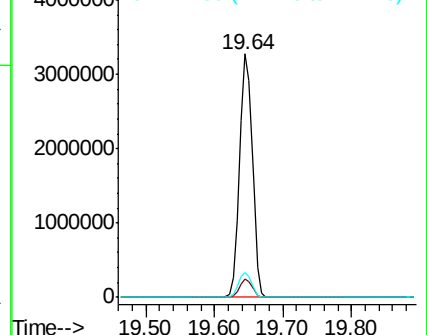
122 10.1 8.7 13.1



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



#80

Butylbenzylphthalate

Concen: 3.165 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

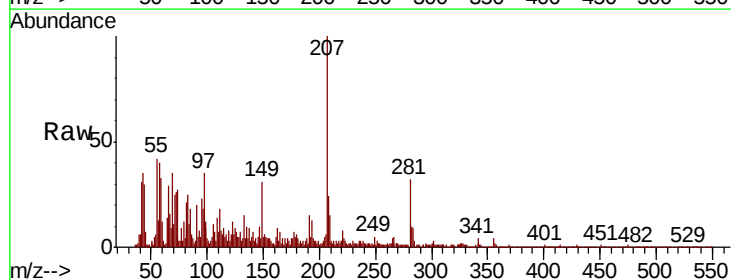
Tgt Ion:149 Resp: 5526

Ion Ratio Lower Upper

149 100

91 66.2 45.3 67.9

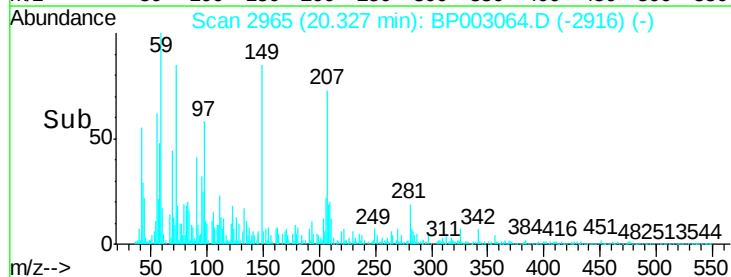
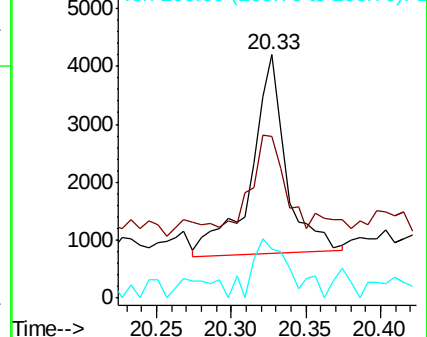
206 20.2 17.5 26.3

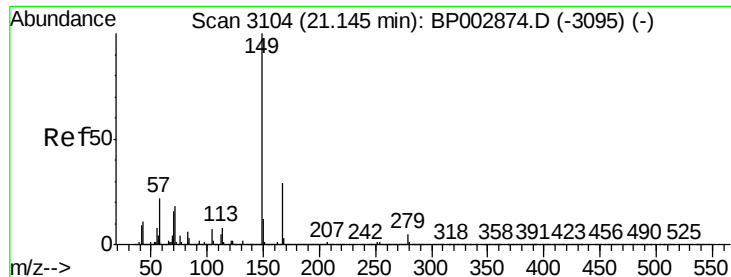


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.148 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Instrument :

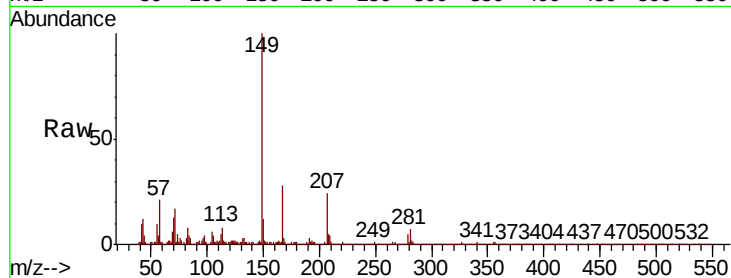
BNA_P

ClientSampleId :

T1-FIREWALL

Tot Ion:149 Resp: 140899

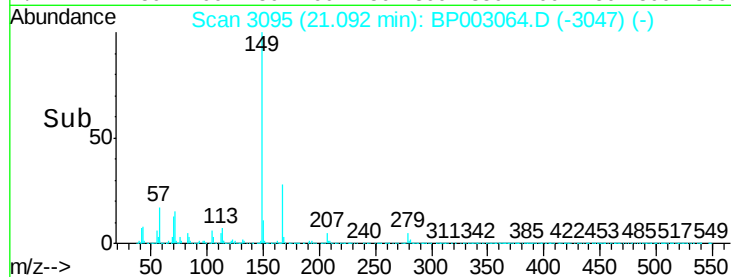
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	5.0	3.8	5.8



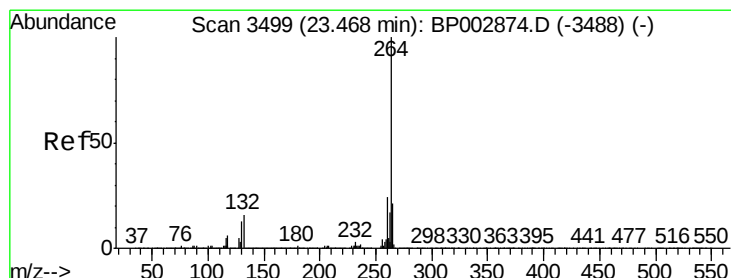
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3488

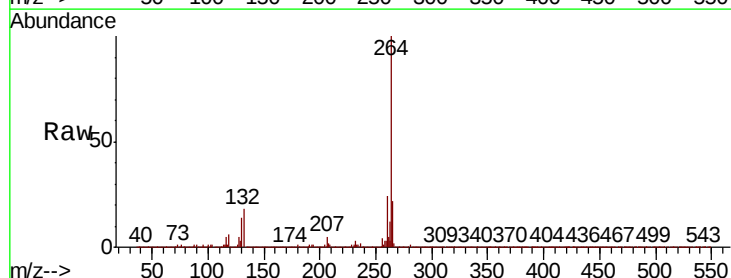
Delta R.T. -0.02 min

Lab File: BP003064.D

Acq: 20 Aug 2020 14:16

Tgt Ion:264 Resp: 2094711

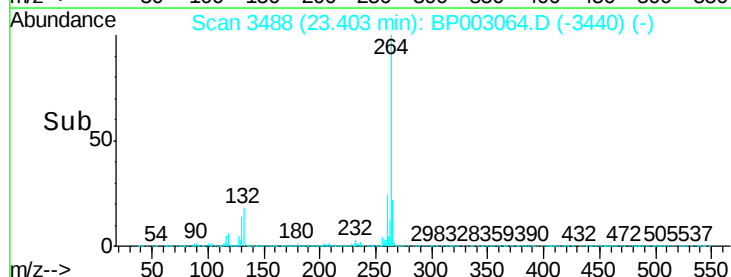
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.3	25.9



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



Time-->