

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001554.D
 Acq On : 08 Jan 2020 15:02
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 08 16:24:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	32366	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	137404	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	113223	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	299285	20.00	ng	0.01
76) Chrysene-d12	21.19	240	274376	20.00	ng	0.02
87) Perylene-d12	23.44	264	283697	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	125908	76.20	ng	0.00
7) Phenol-d6	6.86	99	200599	75.97	ng	0.00
23) Nitrobenzene-d5	8.82	82	235351	74.85	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	126094	73.16	ng	0.01
45) 2-Fluorobiphenyl	12.94	172	578186	75.08	ng	0.01
79) Terphenyl-d14	19.67	244	1161337	77.42	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	19980	37.891	ng	96
3) Pyridine	3.65	79	72370	37.982	ng	96
4) n-Nitrosodimethylamine	3.56	42	50639	37.498	ng	97
6) Aniline	7.01	93	125426	37.988	ng	99
8) 2-Chlorophenol	7.25	128	72884	37.784	ng	99
9) Benzaldehyde	6.82	77	54671	34.662	ng	94
10) Phenol	6.89	94	102654	37.580	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	79964	37.325	ng	99
12) 1,3-Dichlorobenzene	7.56	146	93536	38.576	ng	98
13) 1,4-Dichlorobenzene	7.70	146	95495	38.088	ng	96
14) 1,2-Dichlorobenzene	8.02	146	92381	38.128	ng	95
15) Benzyl Alcohol	7.92	79	92414	37.162	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	150872	37.909	ng	98
17) 2-Methylphenol	8.13	107	70756	37.307	ng	99
18) Hexachloroethane	8.75	117	37424	38.235	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	76269	37.884	ng	98
20) 3+4-Methylphenols	8.45	107	98517	37.136	ng	94
22) Acetophenone	8.49	105	143738	37.317	ng	# 97
24) Nitrobenzene	8.86	77	118787	37.341	ng	97
25) Isophorone	9.40	82	207668	36.829	ng	99
26) 2-Nitrophenol	9.57	139	45494	37.842	ng	95
27) 2,4-Dimethylphenol	9.65	122	67251	37.444	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	120546	36.493	ng	96
29) 2,4-Dichlorophenol	10.10	162	91133	37.070	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	111423	37.544	ng	97
31) Naphthalene	10.50	128	268860	37.075	ng	99
32) Benzoic acid	9.81	122	59818	38.085	ng	97
33) 4-Chloroaniline	10.61	127	121145	36.283	ng	99
34) Hexachlorobutadiene	10.80	225	78796	37.507	ng	93
35) Caprolactam	11.42	113	32743	36.678	ng	# 90
36) 4-Chloro-3-methylphenol	11.76	107	107175	36.326	ng	97
37) 2-Methylnaphthalene	12.12	142	208170	36.020	ng	97
38) 1-Methylnaphthalene	12.34	142	204020	36.684	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	146591	37.796	ng	99

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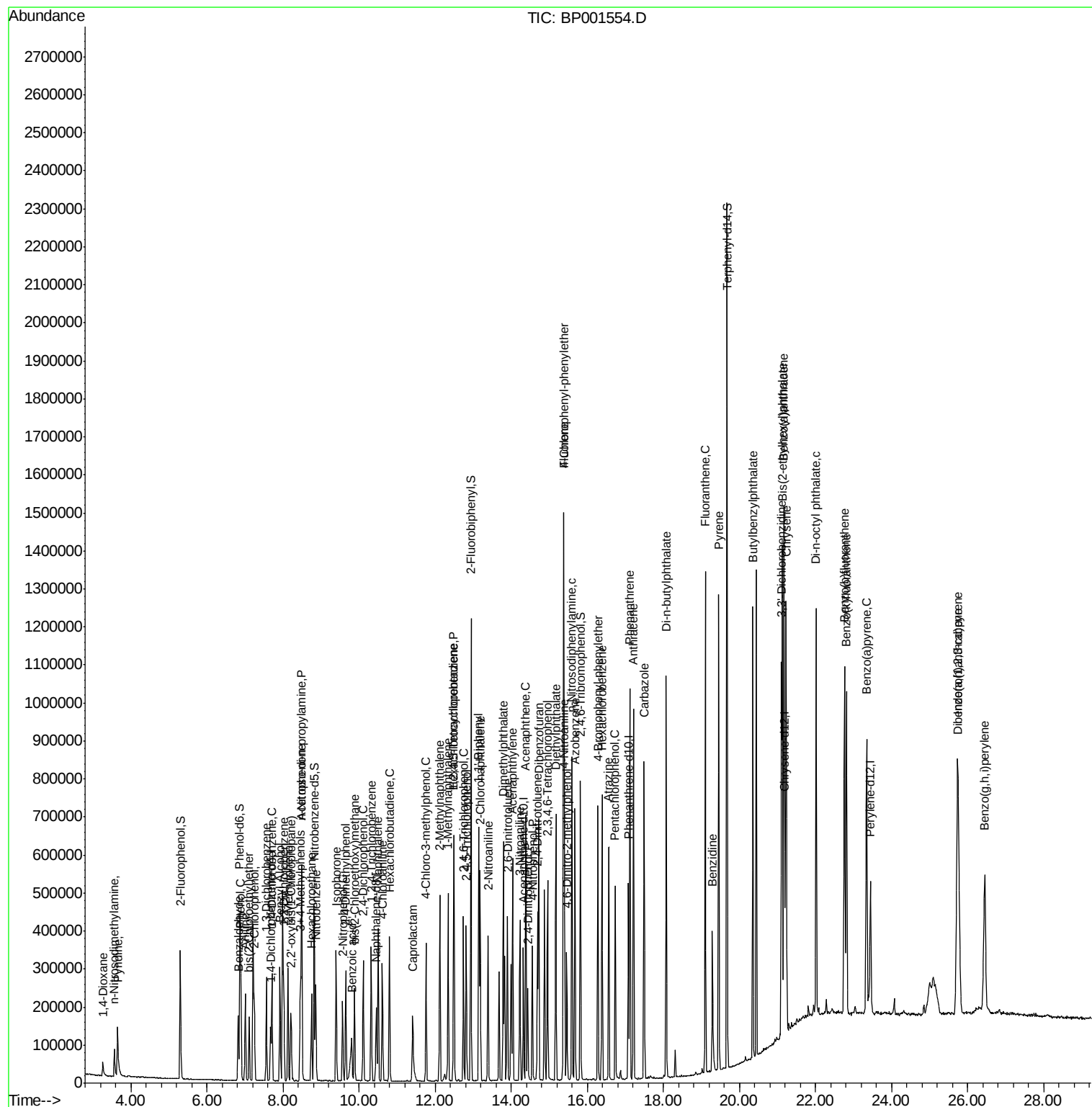
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	74232	37.731	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	95316	38.105	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	99556	37.454	ng	96
46) 1,1'-Biphenyl	13.15	154	308779	38.058	ng	98
47) 2-Chloronaphthalene	13.18	162	252714	37.477	ng	100
48) 2-Nitroaniline	13.39	65	99935	37.722	ng	98
49) Acenaphthylene	14.03	152	391757	37.671	ng	99
50) Dimethylphthalate	13.79	163	347061	37.216	ng	99
51) 2,6-Dinitrotoluene	13.90	165	73285	37.058	ng	97
52) Acenaphthene	14.39	154	234005	36.332	ng	99
53) 3-Nitroaniline	14.23	138	77521	37.127	ng	96
54) 2,4-Dinitrophenol	14.43	184	41716	37.517	ng	89
55) Dibenzofuran	14.72	168	404602	37.148	ng	100
56) 4-Nitrophenol	14.56	139	61688	36.998	ng	96
57) 2,4-Dinitrotoluene	14.69	165	108942	37.650	ng	98
58) Fluorene	15.37	166	320889	36.410	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.96	232	102496	37.342	ng	99
60) Diethylphthalate	15.17	149	354682	36.978	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	188572	37.385	ng	99
62) 4-Nitroaniline	15.40	138	87769	36.869	ng	99
63) Azobenzene	15.67	77	359525	37.514	ng	100
65) 4,6-Dinitro-2-methylphenol	15.46	198	61194	37.819	ng	98
66) n-Nitrosodiphenylamine	15.59	169	294420	37.133	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	129267	38.287	ng	94
68) Hexachlorobenzene	16.39	284	143128	36.487	ng	98
69) Atrazine	16.57	200	110504	37.949	ng	98
70) Pentachlorophenol	16.74	266	82756	38.201	ng	99
71) Phenanthrene	17.12	178	591133	36.319	ng	99
72) Anthracene	17.22	178	582653	36.773	ng	99
73) Carbazole	17.49	167	538151	36.176	ng	99
74) Di-n-butylphthalate	18.07	149	644493	36.620	ng	99
75) Fluoranthene	19.10	202	765900	35.762	ng	99
77) Benzidine	19.29	184	261307	41.709	ng	98
78) Pyrene	19.46	202	772315	38.318	ng	100
80) Butylbenzylphthalate	20.36	149	295425	38.565	ng	96
81) Benzo(a)anthracene	21.17	228	713227	37.325	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	257133	35.885	ng	99
83) Chrysene	21.23	228	698204	37.493	ng	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	396150	37.724	ng	99
85) Di-n-octyl phthalate	22.02	149	615142	36.737	ng	100
86) Indeno(1,2,3-cd)pyrene	25.74	276	756376	34.698	ng	99
88) Benzo(b)fluoranthene	22.76	252	673556	37.677	ng	98
89) Benzo(k)fluoranthene	22.81	252	634880	36.424	ng	100
90) Benzo(a)pyrene	23.34	252	617071	36.354	ng	99
91) Dibenzo(a,h)anthracene	25.76	278	625986	35.744	ng	97
92) Benzo(g,h,i)perylene	26.44	276	612114	35.159	ng	99

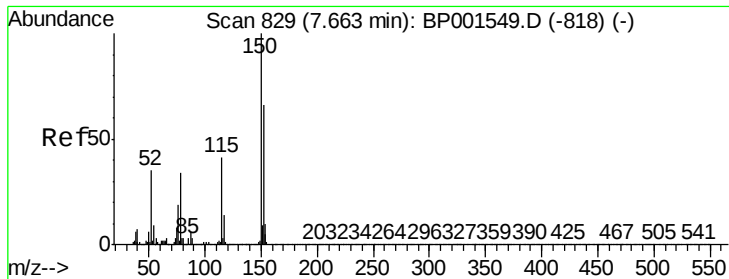
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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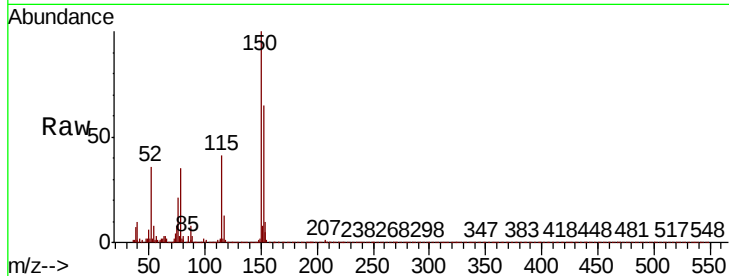


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 830
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.0	183.0
115	62.7	50.7	76.1

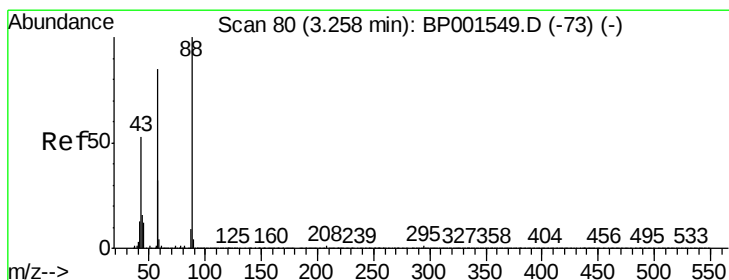
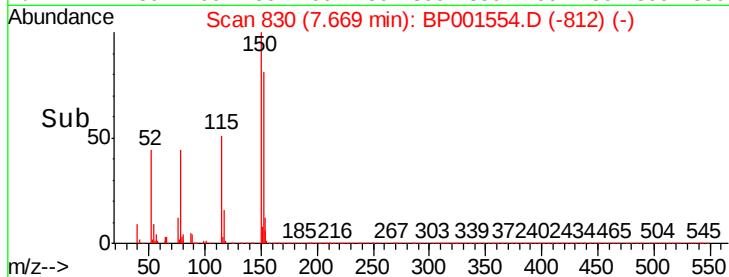
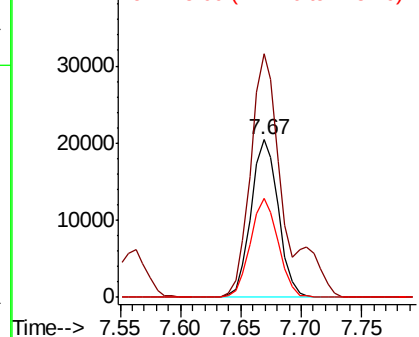


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

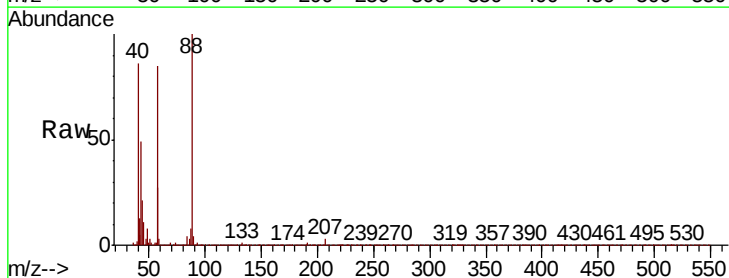
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.891 ng
RT: 3.26 min Scan# 80
Delta R.T. -0.00 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	69.5	104.3
43	53.5	40.3	60.5

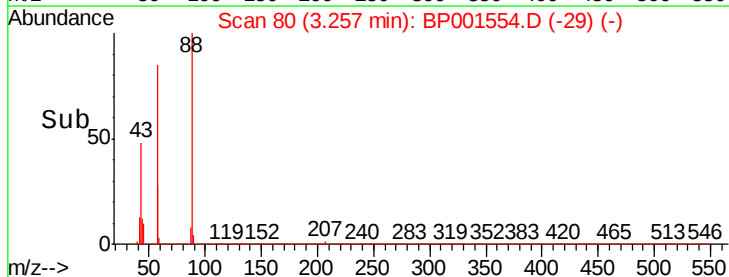
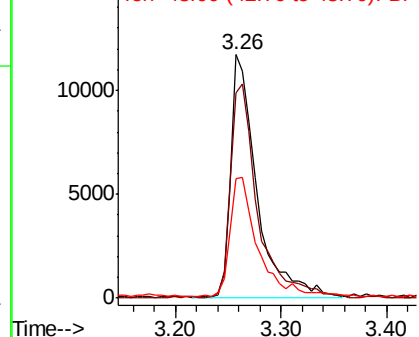


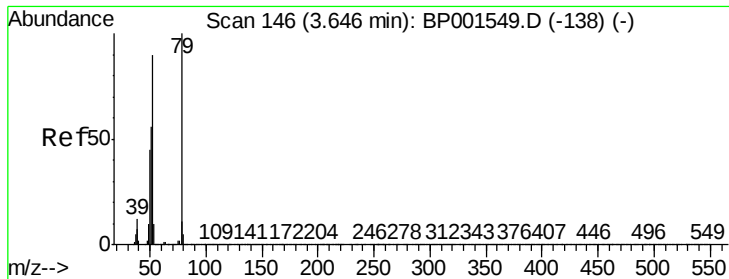
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 37.982 ng

RT: 3.65 min Scan# 147

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampleId :

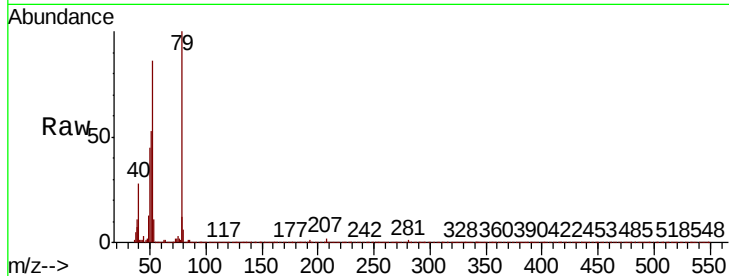
Tot Ion: 79 Resp: 72370

Ion Ratio Lower Upper

79 100

52 85.7 72.1 108.1

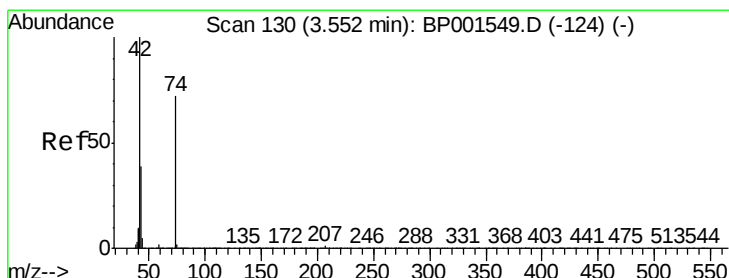
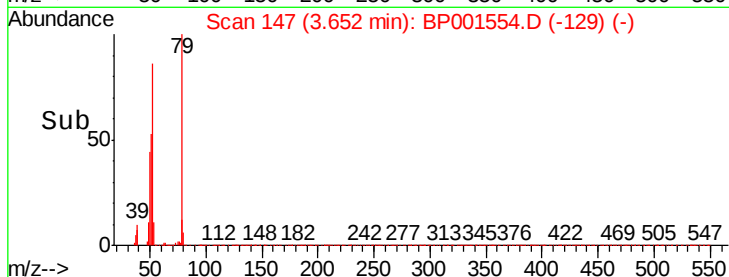
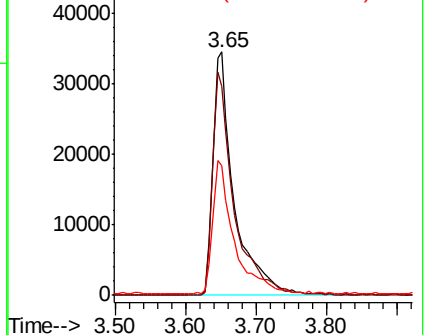
51 53.1 44.8 67.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 37.498 ng

RT: 3.56 min Scan# 131

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

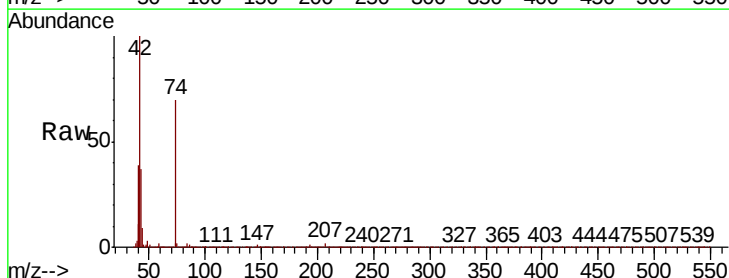
Tgt Ion: 42 Resp: 50639

Ion Ratio Lower Upper

42 100

74 70.2 58.0 87.0

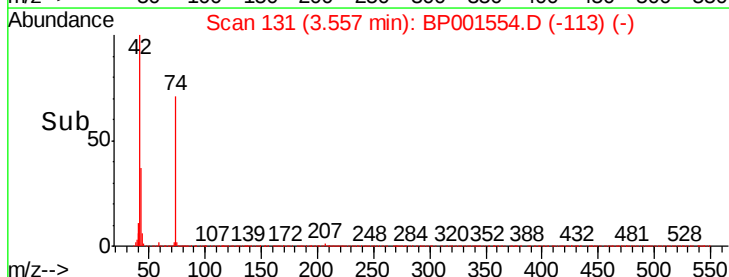
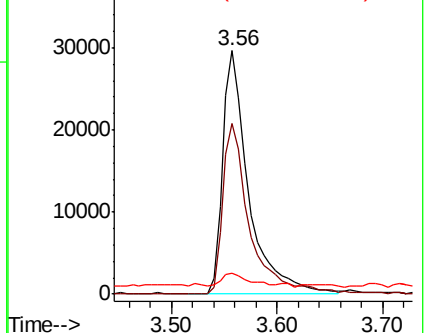
44 8.8 6.7 10.1

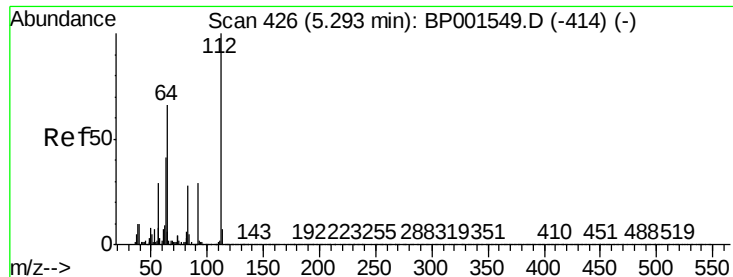


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 76.204 ng

RT: 5.29 min Scan# 426

Delta R.T. -0.00 min

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Acq: 08 Jan 2020 15:02

Instrument :

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ClientSampleId :

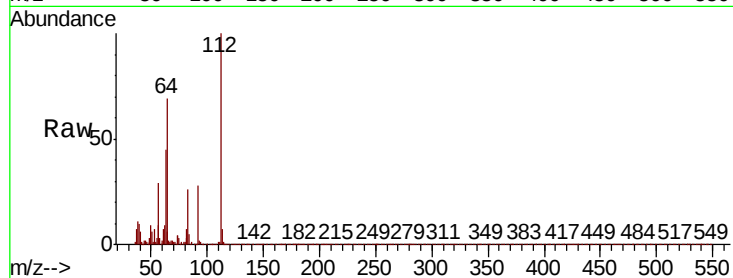
Tot Ion:112 Resp: 125908

Ion Ratio Lower Upper

112 100

64 69.0 52.8 79.2

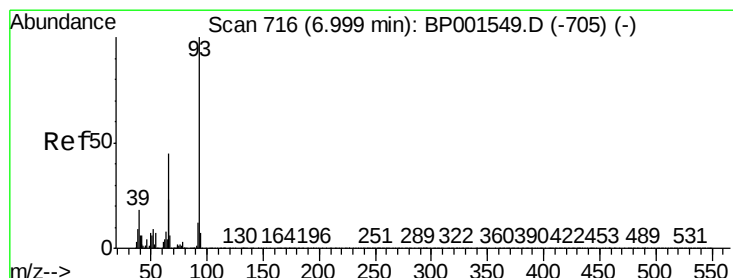
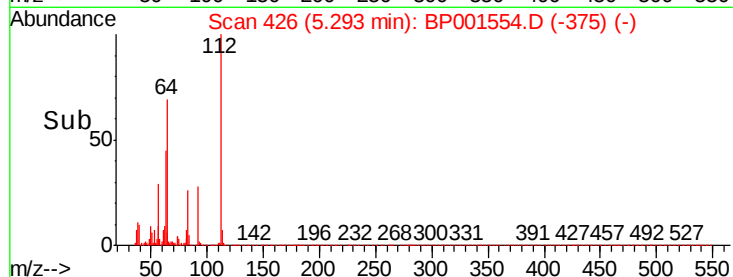
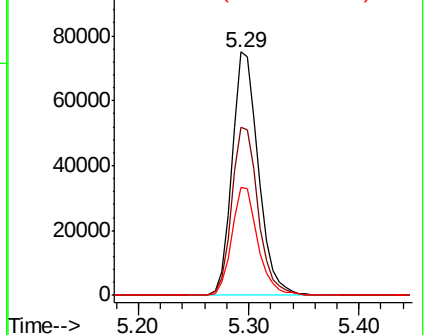
63 44.5 33.1 49.7



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



#6

Aniline

Concen: 37.988 ng

RT: 7.01 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

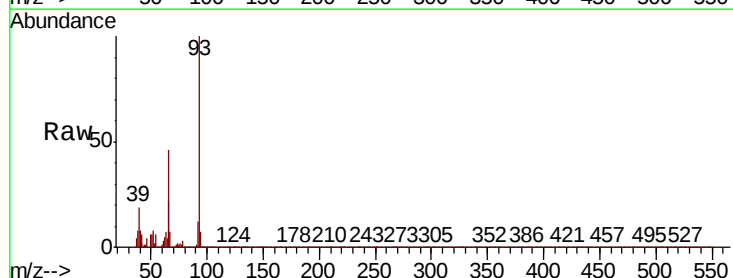
Tgt Ion: 93 Resp: 125426

Ion Ratio Lower Upper

93 100

66 46.2 36.4 54.6

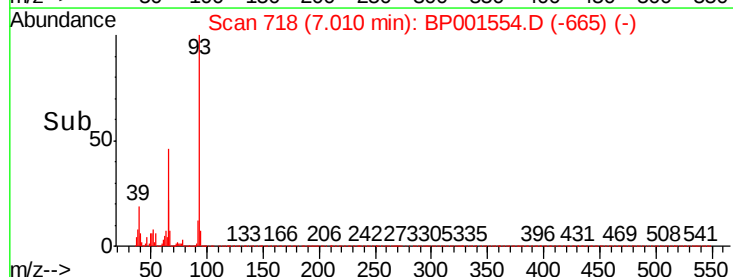
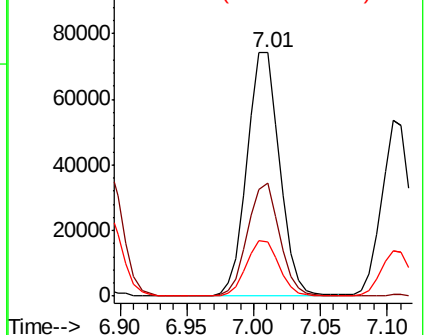
65 22.1 18.5 27.7

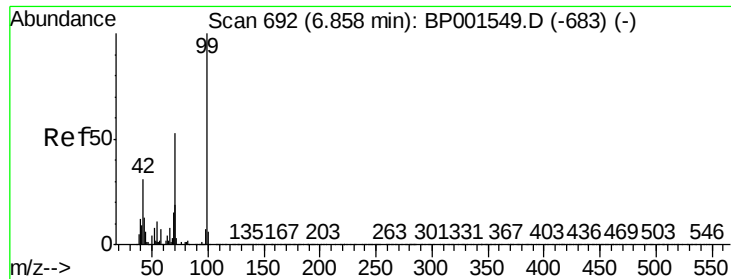


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 75.967 ng

RT: 6.86 min Scan# 693

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

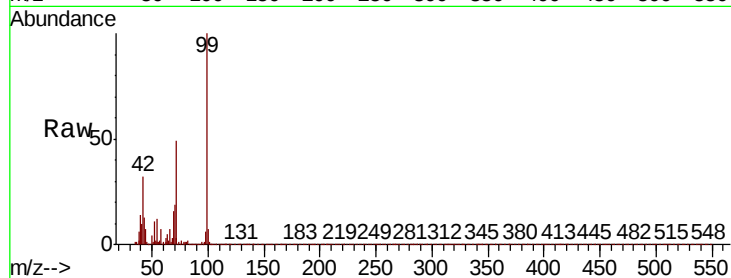
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 200599

Ion	Ratio	Lower	Upper
99	100		
42	31.6	24.5	36.7
71	48.6	42.4	63.6

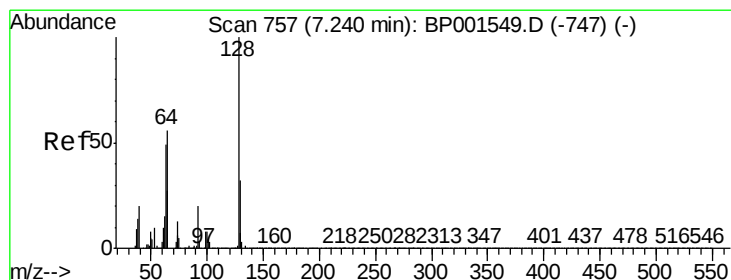
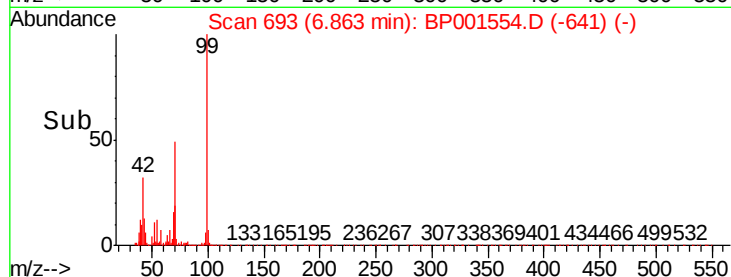
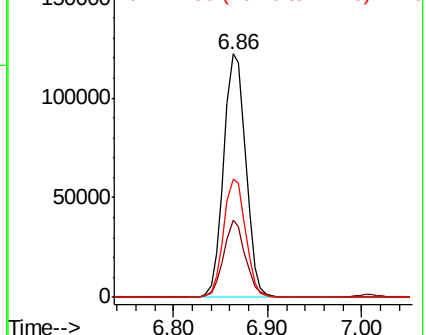


Abundance

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



#8

2-Chlorophenol

Concen: 37.784 ng

RT: 7.25 min Scan# 758

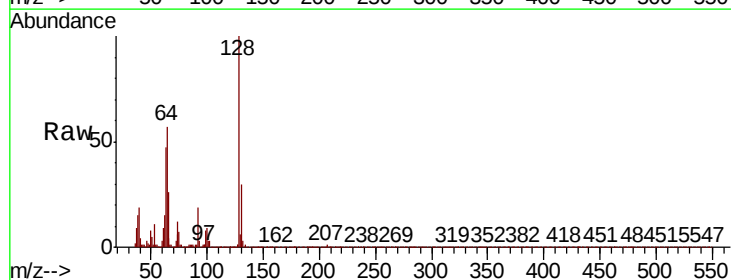
Delta R.T. 0.01 min

Lab File: BP001554.D

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Tgt Ion: 128 Resp: 72884

Ion	Ratio	Lower	Upper
128	100		
130	30.4	11.8	51.8
64	56.6	37.2	77.2

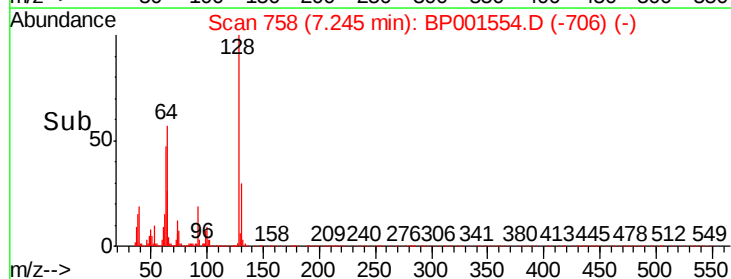
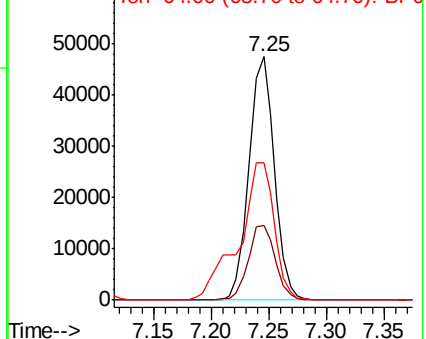


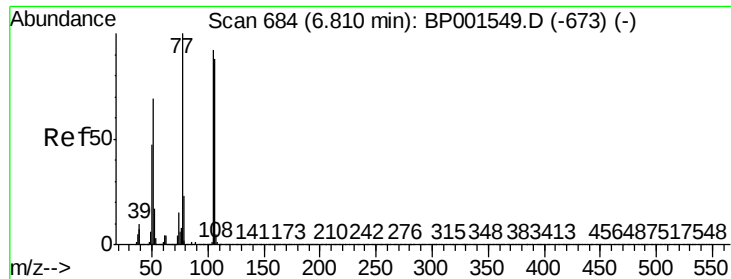
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 34.662 ng

RT: 6.82 min Scan# 686

Delta R.T. 0.01 min

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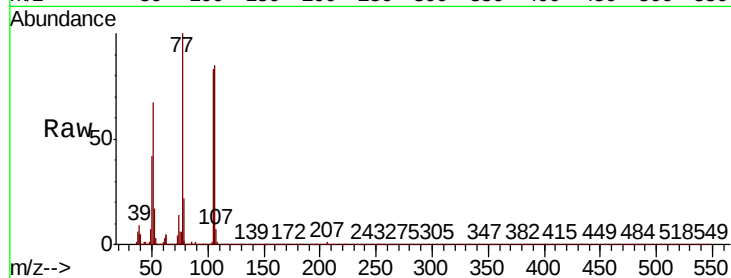
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 54671

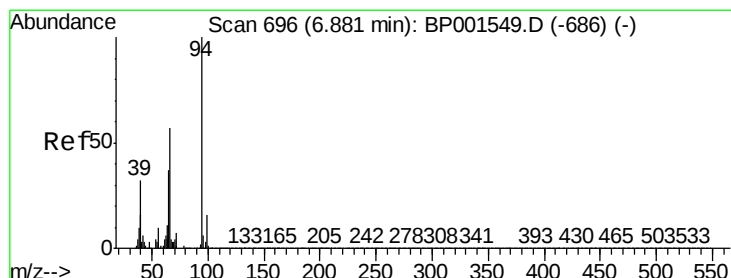
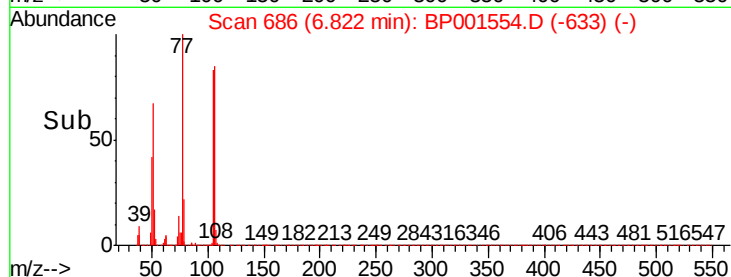
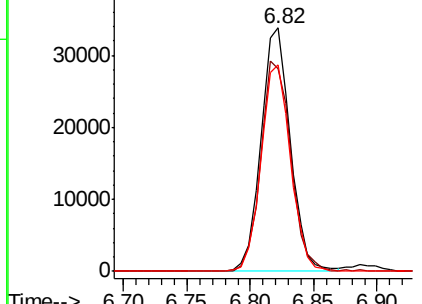
Ion	Ratio	Lower	Upper
77	100		
105	83.3	71.6	111.6
106	84.7	67.7	107.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.580 ng

RT: 6.89 min Scan# 698

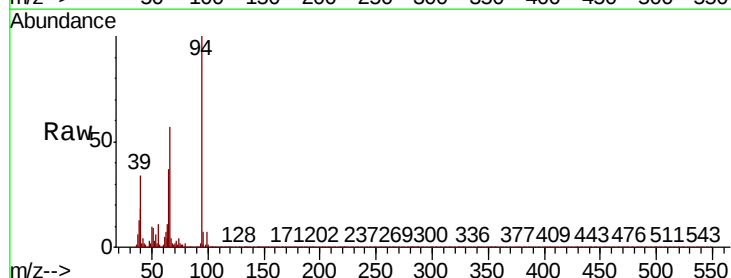
Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Tgt Ion: 94 Resp: 102654

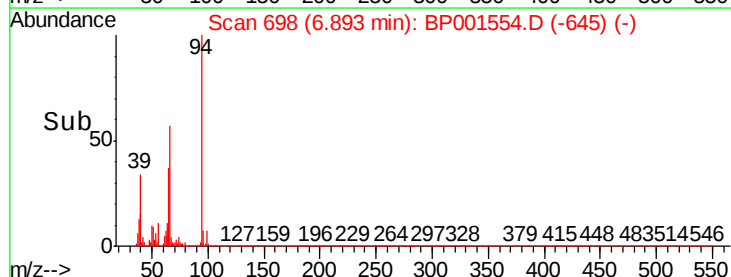
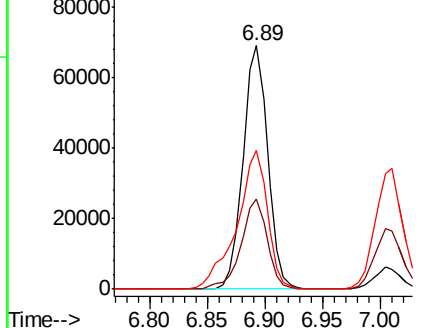
Ion	Ratio	Lower	Upper
94	100		
65	36.7	17.5	57.5
66	57.0	36.7	76.7

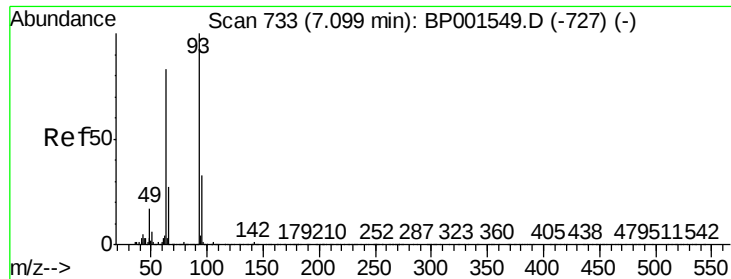


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

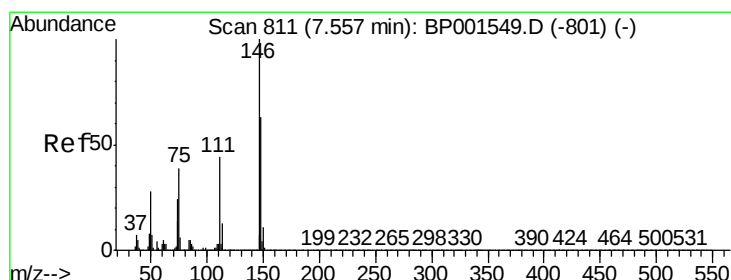
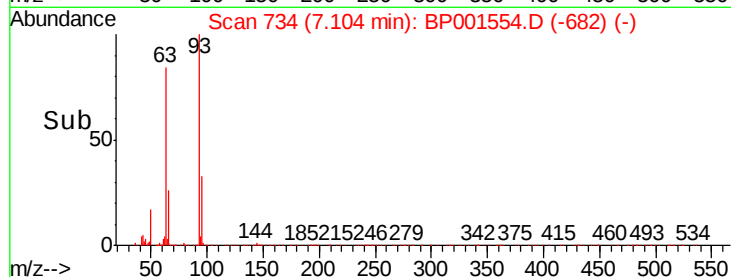
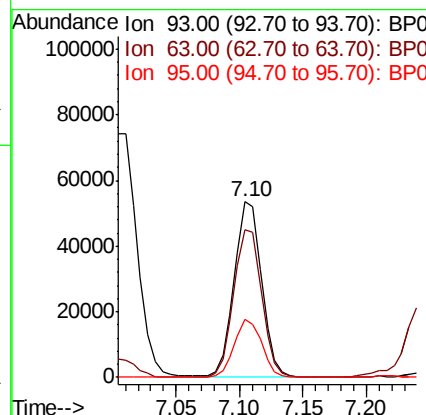
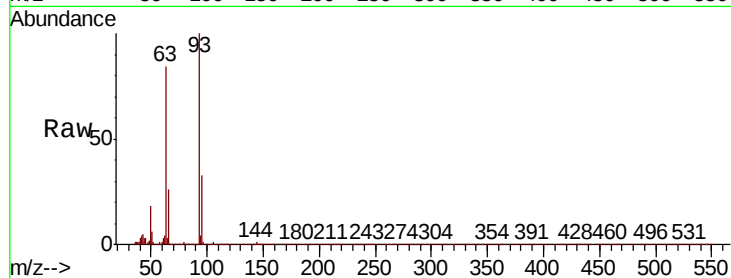




#11
bis(2-Chloroethyl)ether
Concen: 37.325 ng
RT: 7.10 min Scan# 734
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

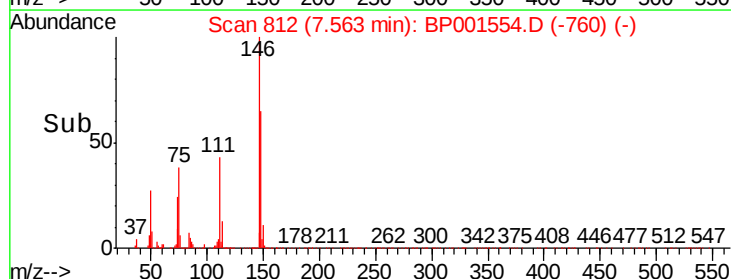
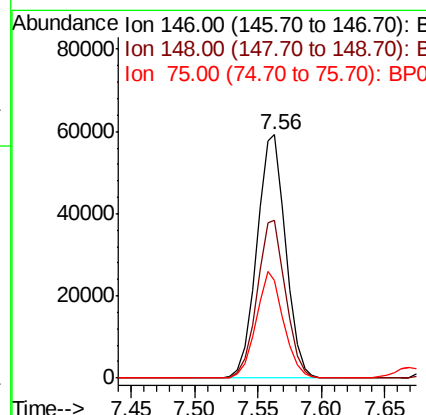
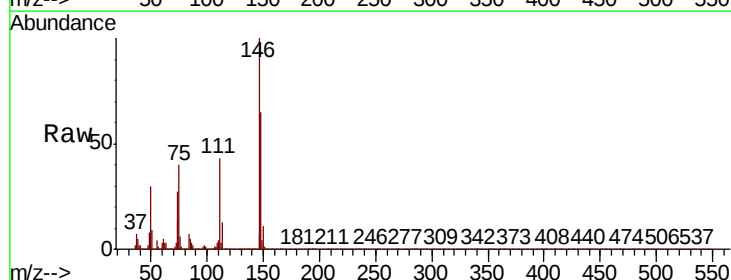
Instrument :
BNA_P
ClientSampleId :

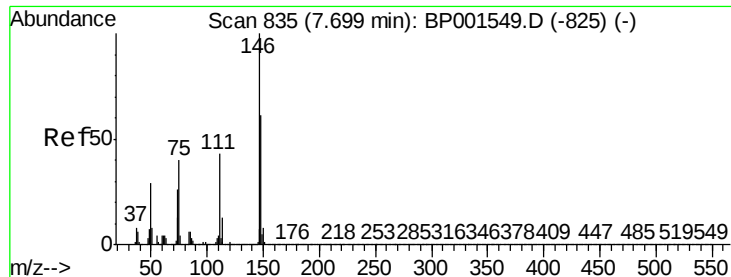
Tot Ion: 93 Resp: 79964
Ion Ratio Lower Upper
93 100
63 84.3 63.2 103.2
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.576 ng
RT: 7.56 min Scan# 812
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion: 146 Resp: 93536
Ion Ratio Lower Upper
146 100
148 64.7 50.2 75.2
75 40.1 31.1 46.7

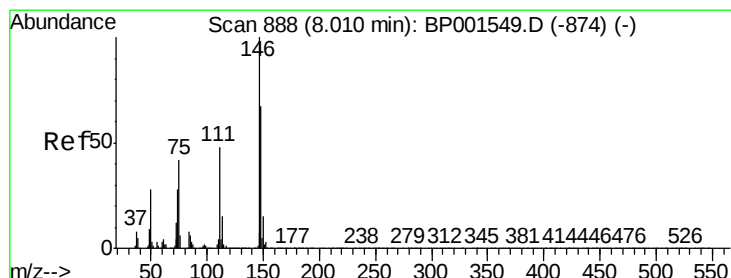
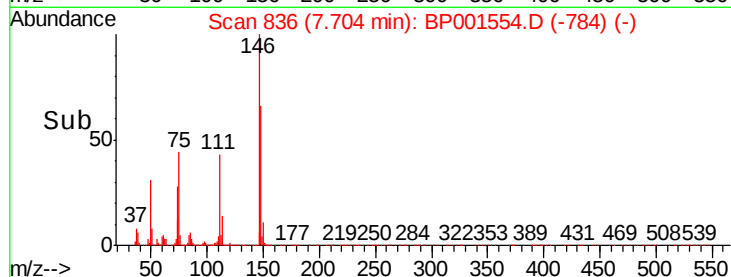
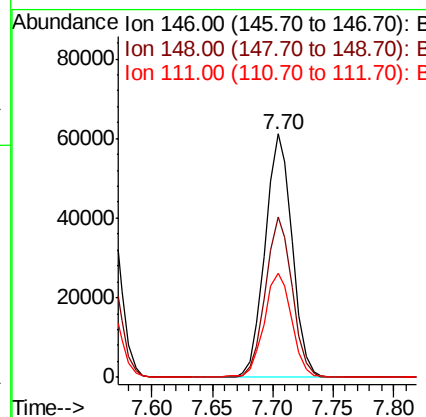
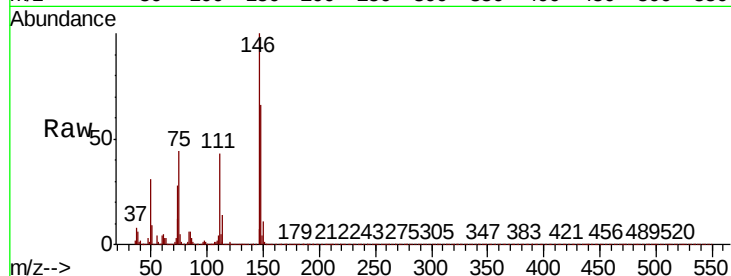




#13
1,4-Dichlorobenzene
Concen: 38.088 ng
RT: 7.70 min Scan# 836
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

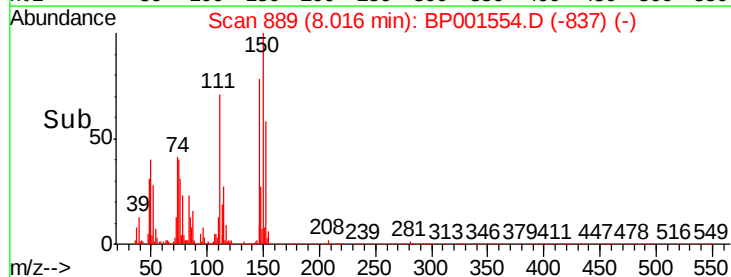
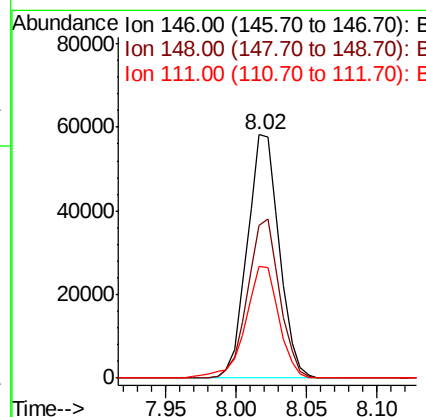
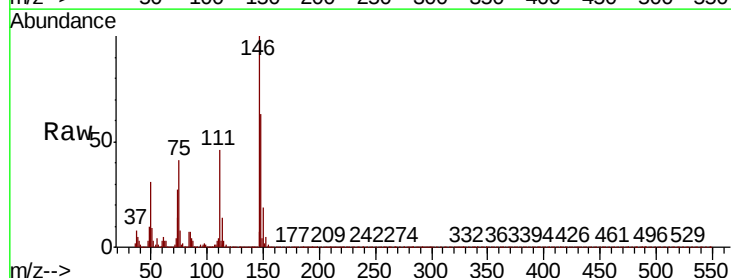
Instrument :
BNA_P
ClientSampleId :

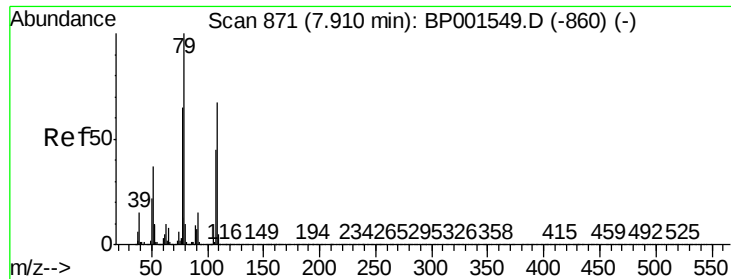
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	48.6	73.0
111	42.9	34.3	51.5



#14
1,2-Dichlorobenzene
Concen: 38.128 ng
RT: 8.02 min Scan# 889
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.9	80.9
111	45.6	38.2	57.4

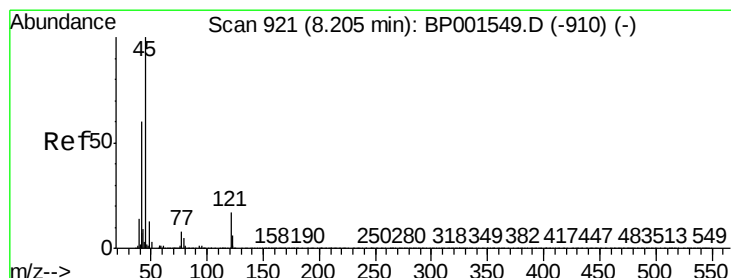
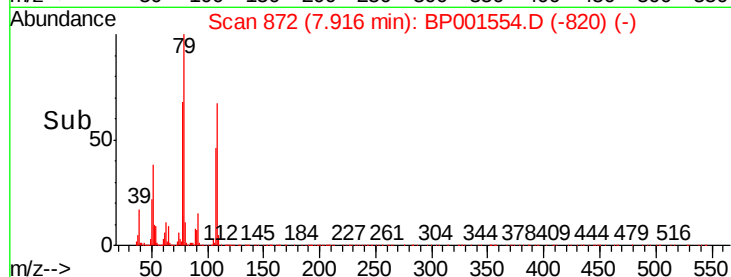
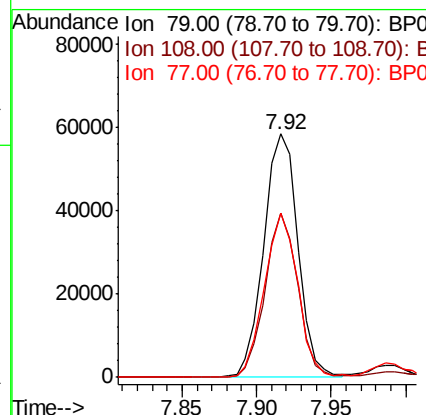
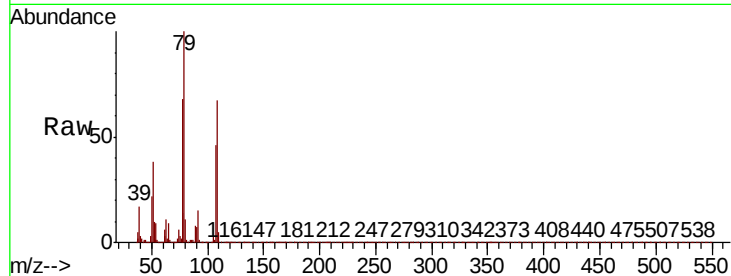




#15
Benzyl Alcohol
Concen: 37.162 ng
RT: 7.92 min Scan# 872
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

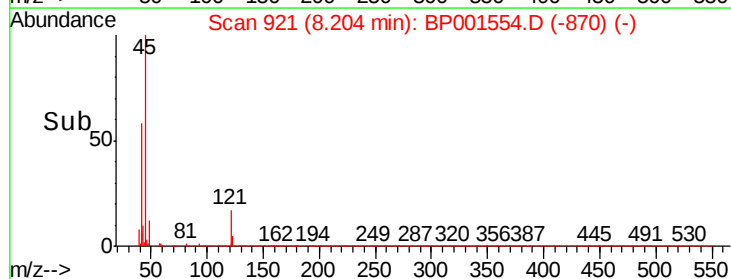
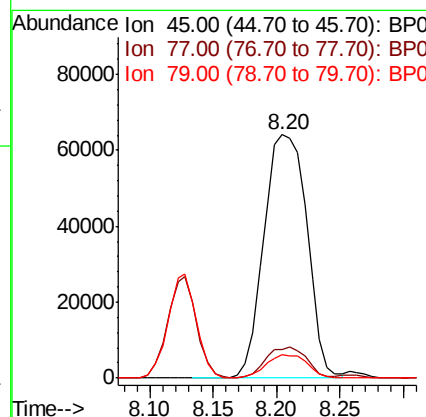
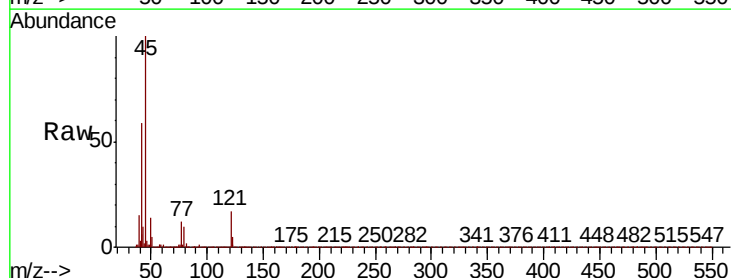
Instrument :
BNA_P
ClientSampleId :

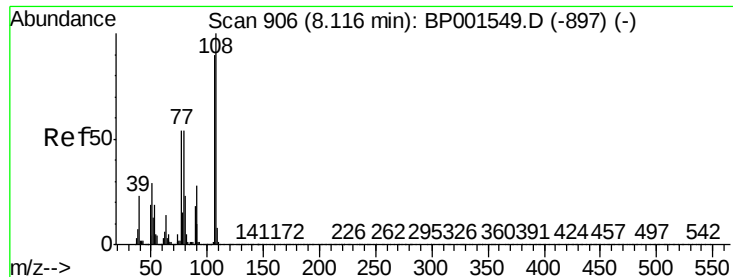
Tot Ion	Ratio	Lower	Upper
79	100		
108	67.2	53.2	79.8
77	67.7	52.1	78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.909 ng
RT: 8.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	32.6
79	9.6	0.0	29.3

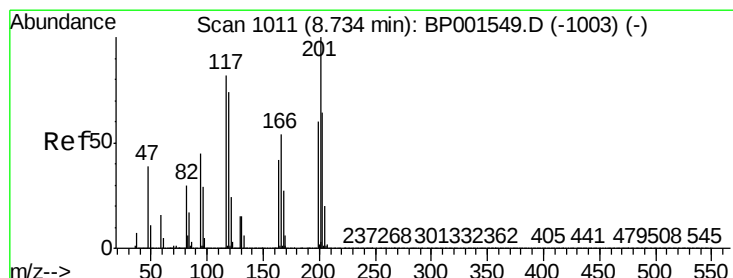
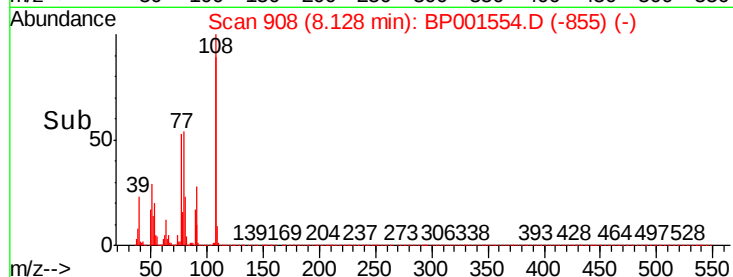
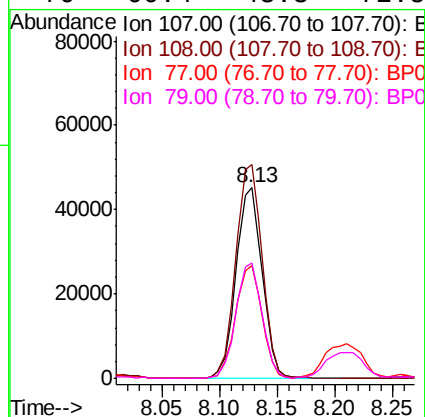
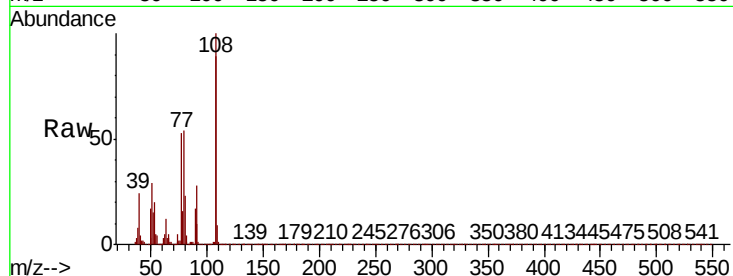




#17
2-Methylphenol
Concen: 37.307 ng
RT: 8.13 min Scan# 908
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

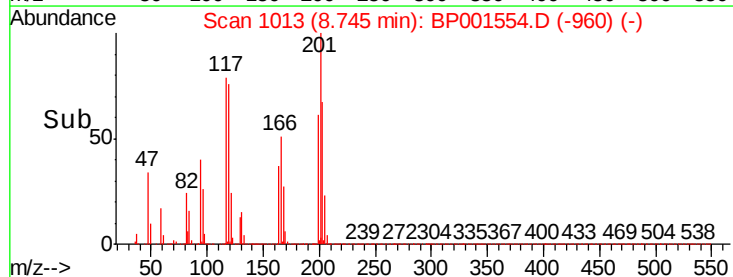
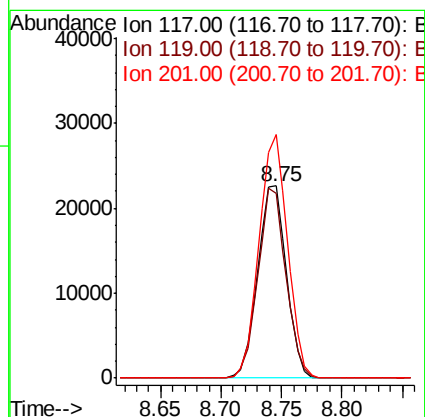
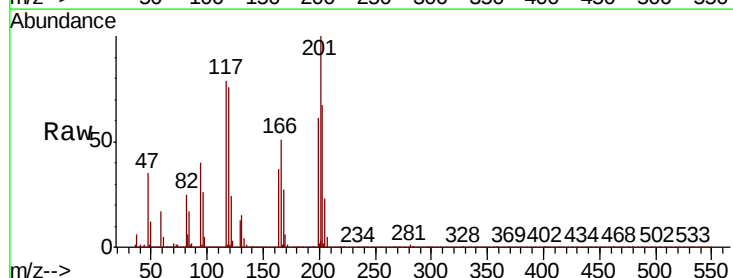
Instrument :
BNA_P
ClientSampleId :

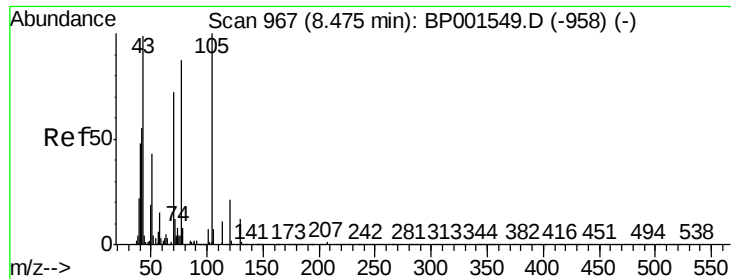
Tot Ion:	107	Resp:	70756
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.2	133.8
77	59.4	47.9	71.9
79	60.4	48.3	72.5



#18
Hexachloroethane
Concen: 38.235 ng
RT: 8.75 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:	117	Resp:	37424
Ion	Ratio	Lower	Upper
117	100		
119	96.4	71.8	107.8
201	126.9	97.6	146.4

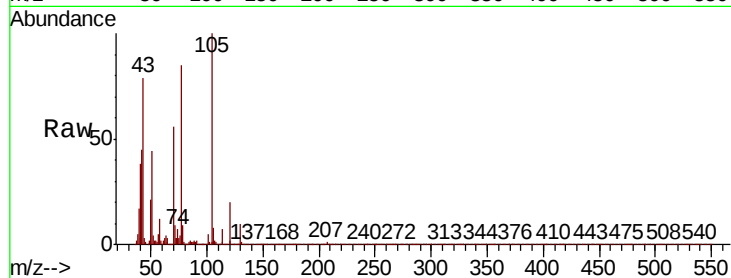




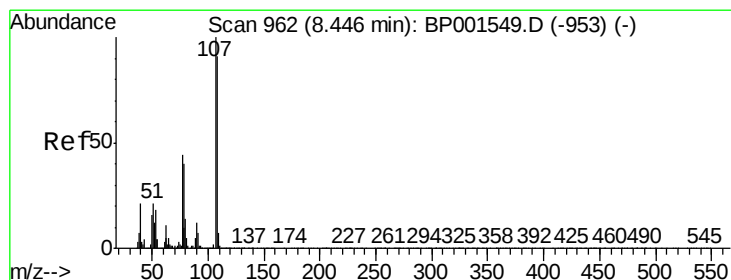
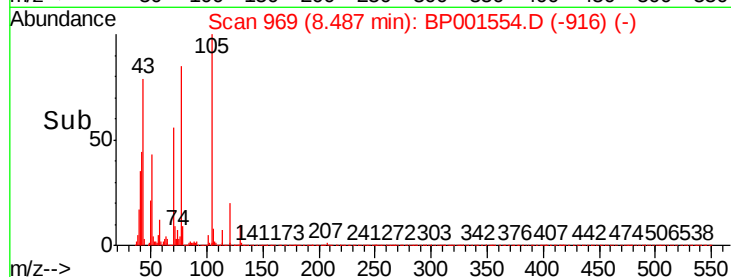
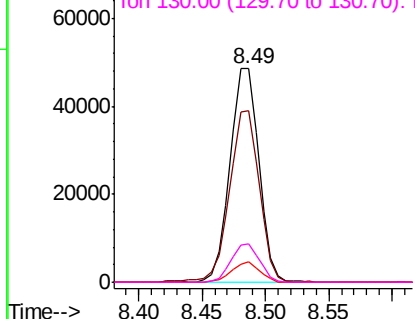
#19
n-Nitroso-di-n-propylamine
Concen: 37.884 ng
RT: 8.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	76269
Ion	Ratio	Lower	Upper
70	100		
42	80.2	62.3	93.5
101	9.6	7.3	10.9
130	17.8	13.9	20.9

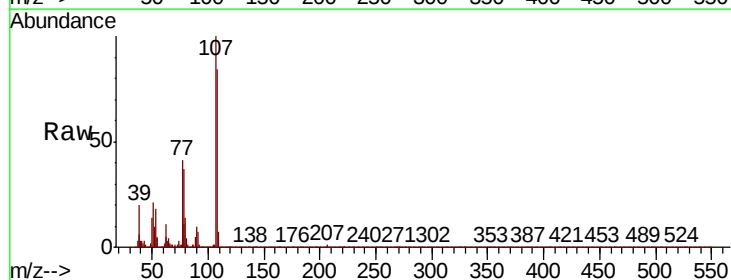


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

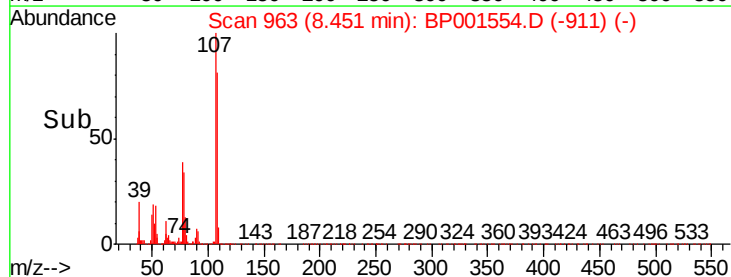
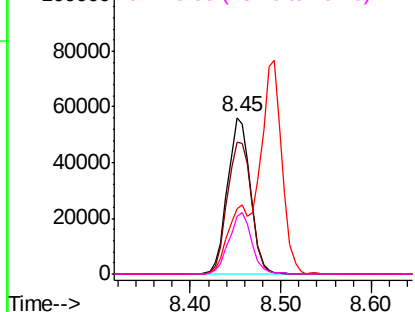


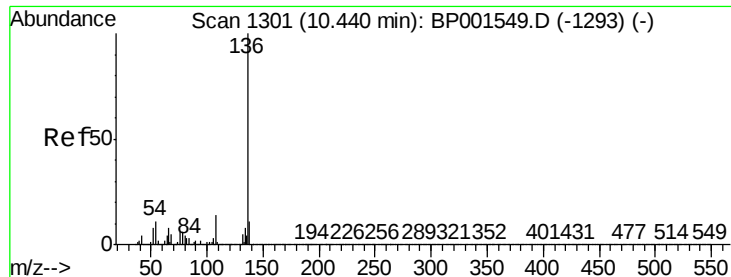
#20
3+4-Methylphenols
Concen: 37.136 ng
RT: 8.45 min Scan# 963
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:	107	Resp:	98517
Ion	Ratio	Lower	Upper
107	100		
108	84.2	71.2	111.2
77	41.4	24.4	64.4
79	37.1	19.5	59.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 137404

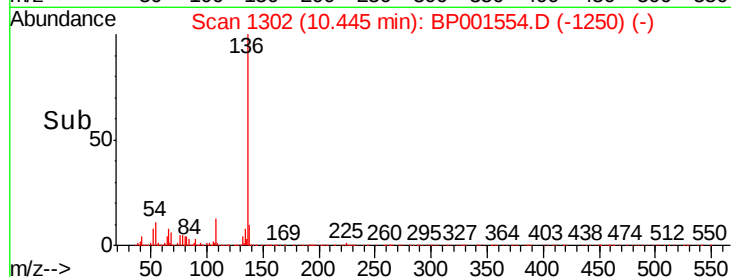
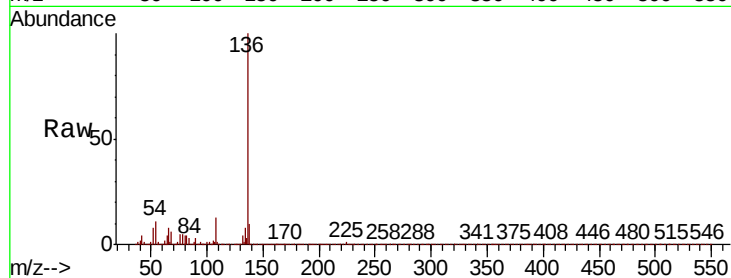
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 11.1 9.2 13.8

68 5.7 4.1 6.1

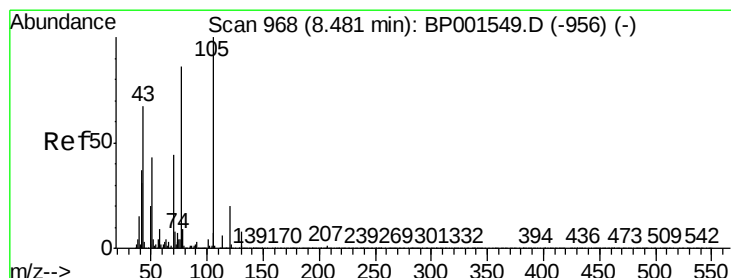
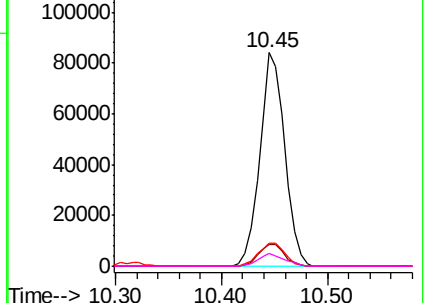


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.317 ng

RT: 8.49 min Scan# 970

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Tgt Ion:105 Resp: 143738

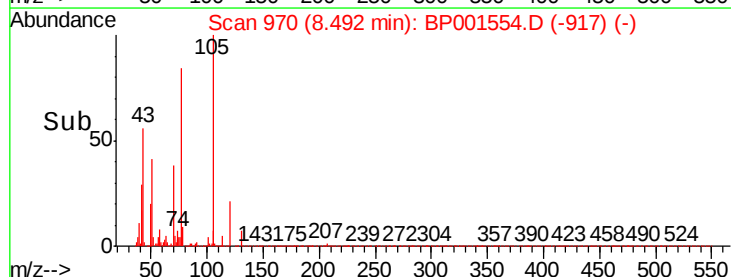
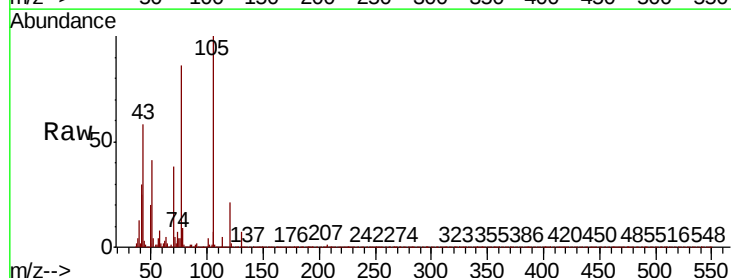
Ion Ratio Lower Upper

105 100

71 5.3 6.6 10.0#

51 41.2 34.1 51.1

120 20.9 16.1 24.1

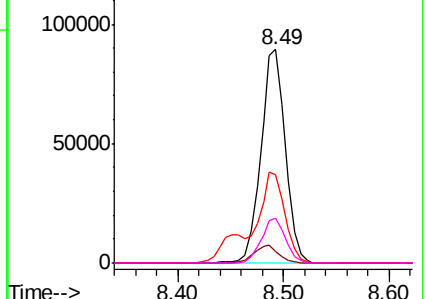


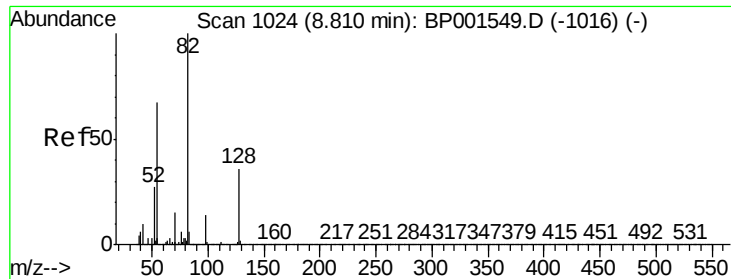
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

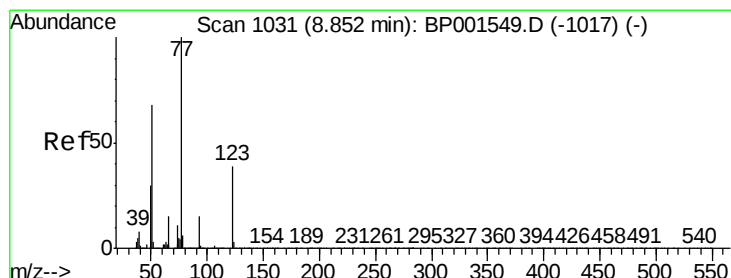
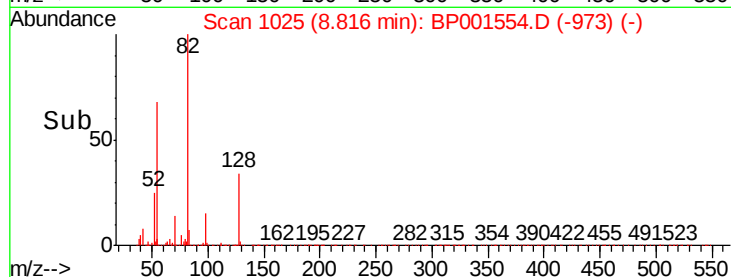
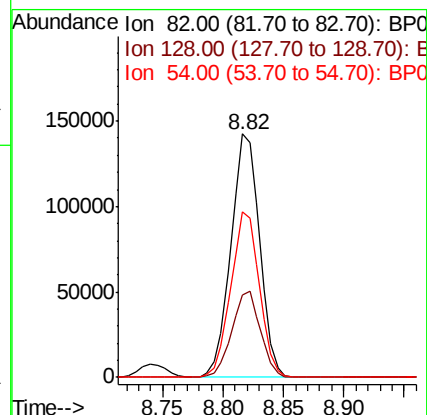
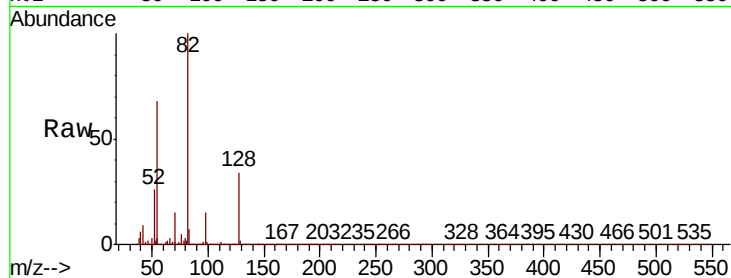




#23
Nitrobenzene-d5
Concen: 74.847 ng
RT: 8.82 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

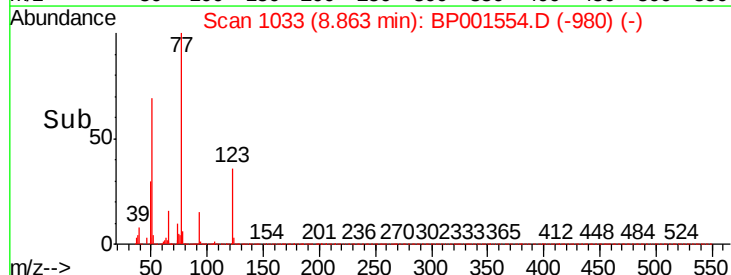
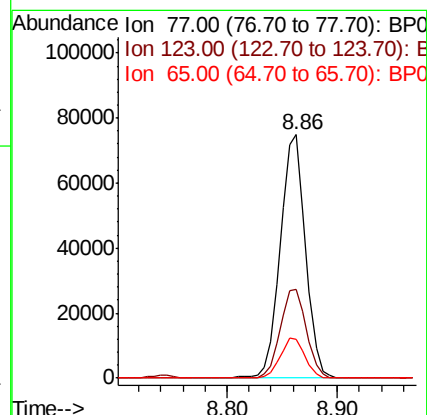
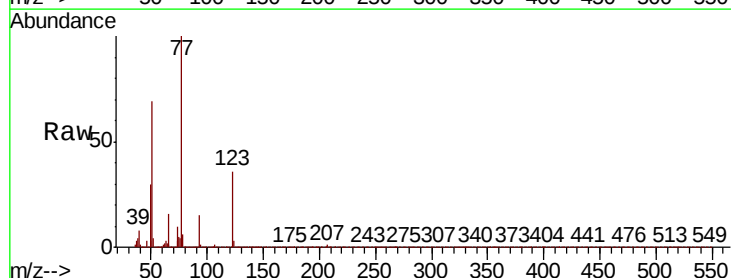
Instrument :
BNA_P
ClientSampleId :

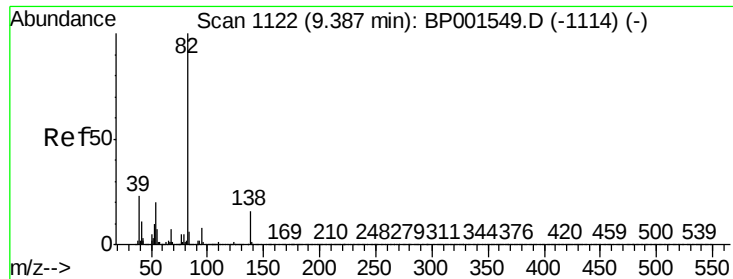
Tot Ion	82	Resp	235351
Ion Ratio	100	Lower	Upper
128	34.0	28.4	42.6
54	68.0	53.4	80.2



#24
Nitrobenzene
Concen: 37.341 ng
RT: 8.86 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	77	Resp	118787
Ion Ratio	100	Lower	Upper
123	36.3	31.1	46.7
65	15.9	12.4	18.6

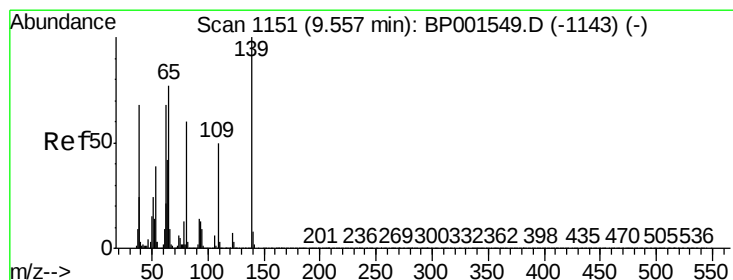
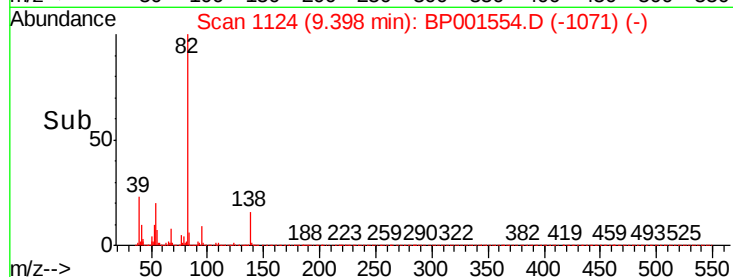
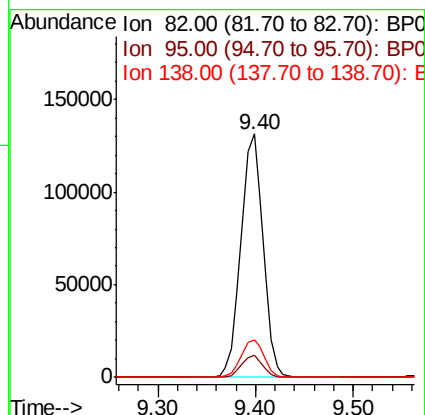
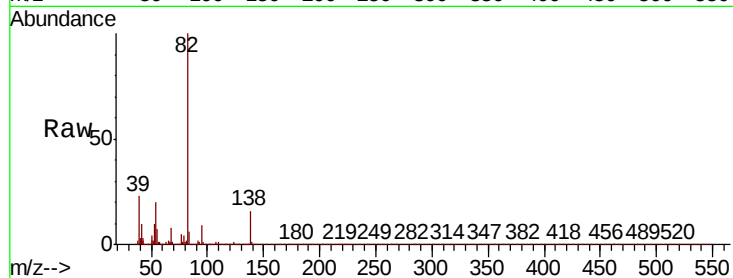




#25
Isophorone
Concen: 36.829 ng
RT: 9.40 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

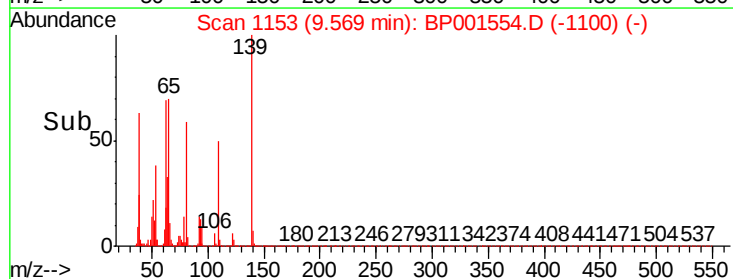
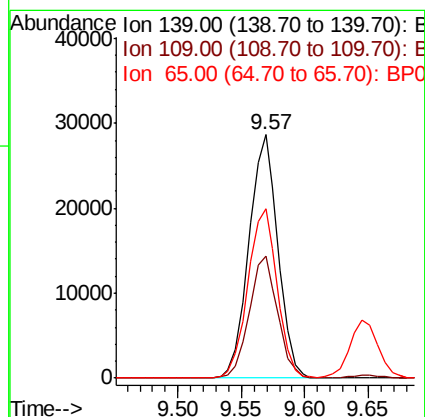
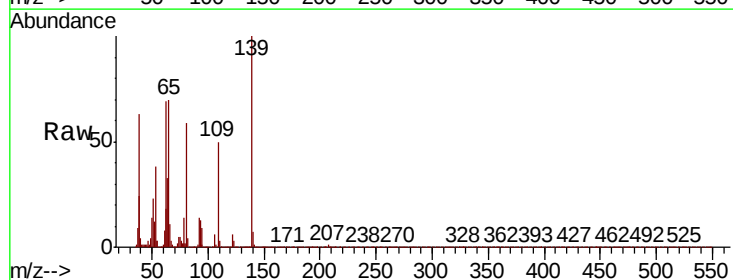
Instrument :
BNA_P
ClientSampleId :

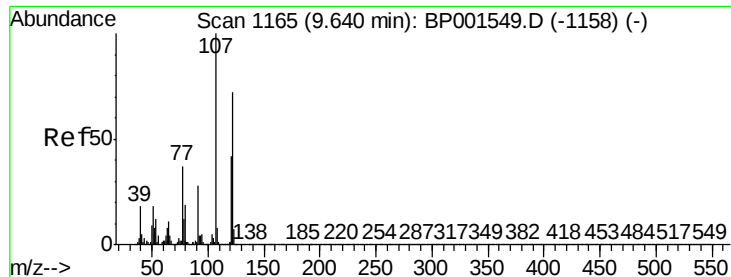
Tot Ion	Ratio	Lower	Upper
82	100		
95	9.0	6.7	10.1
138	15.6	12.5	18.7



#26
2-Nitrophenol
Concen: 37.842 ng
RT: 9.57 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	49.9	39.6	59.4
65	69.7	61.3	91.9

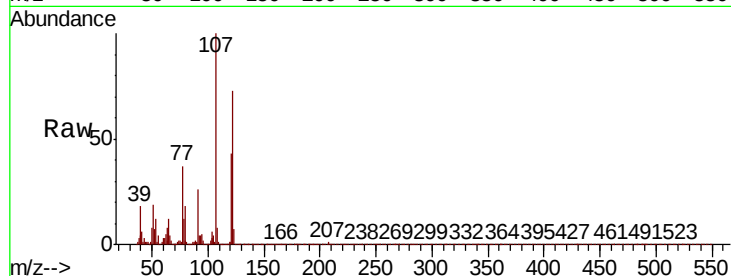




#27
2,4-Dimethylphenol
Concen: 37.444 ng
RT: 9.65 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.1	111.8	167.6
121	58.2	47.4	71.0

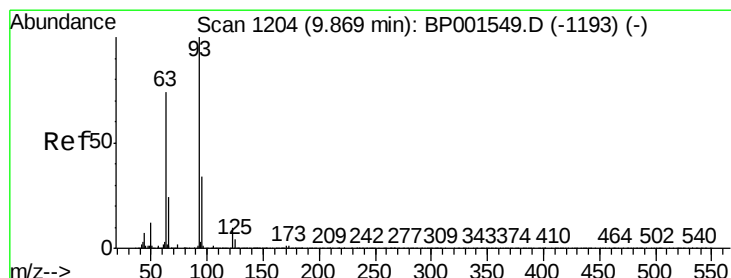
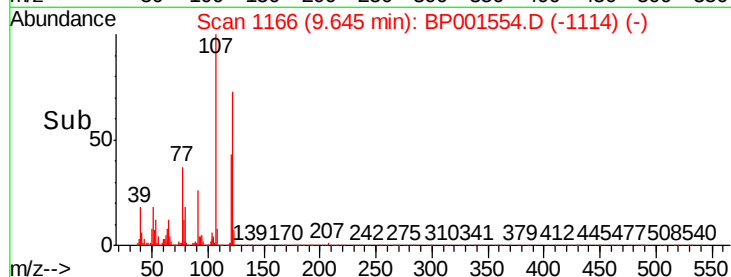
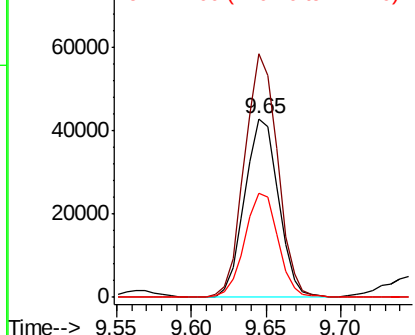


Abundance

Ion 122.00 (121.70 to 122.70): E

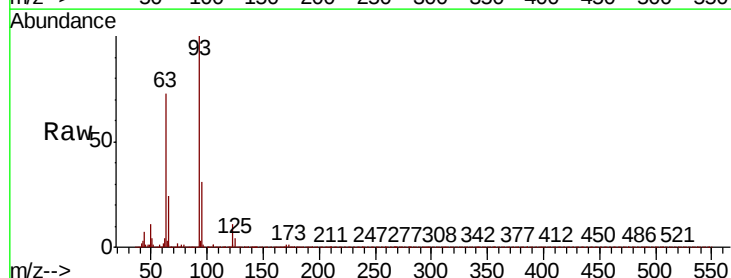
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.493 ng
RT: 9.88 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.9	40.3
123	10.6	8.0	12.0

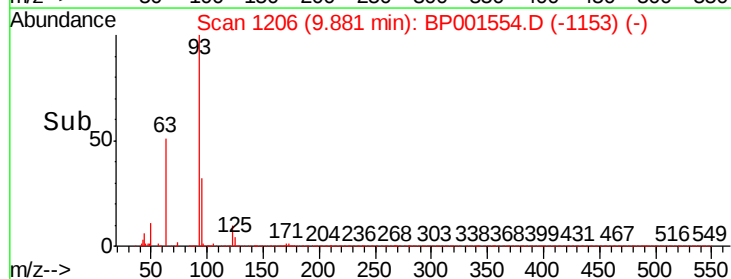
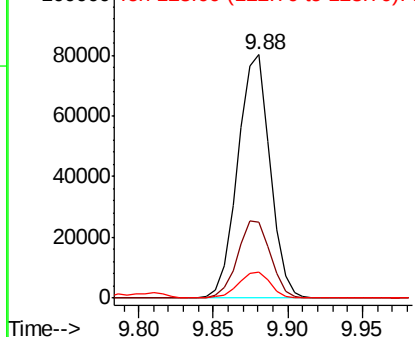


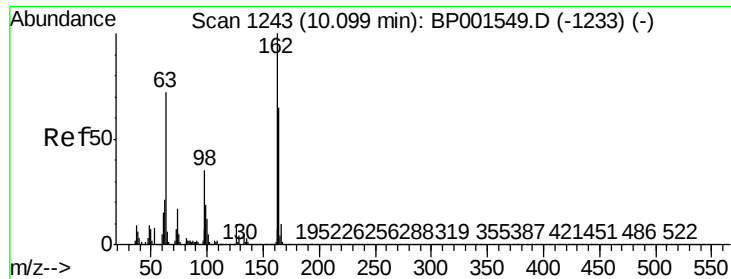
Abundance

Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

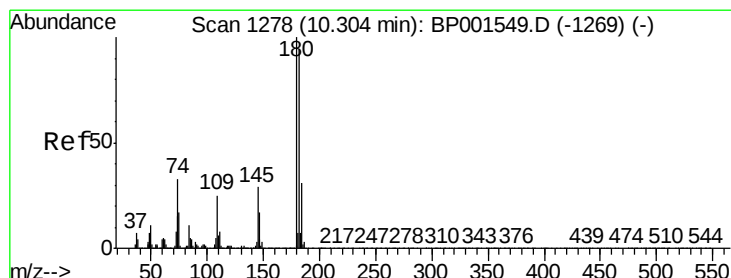
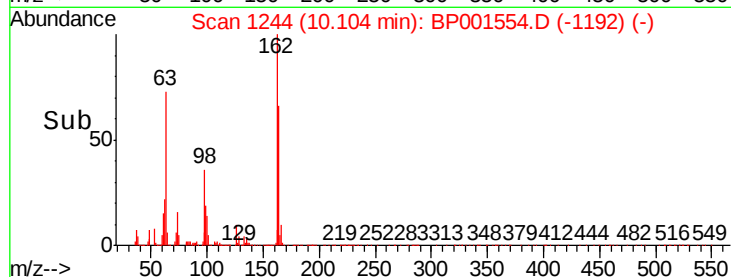
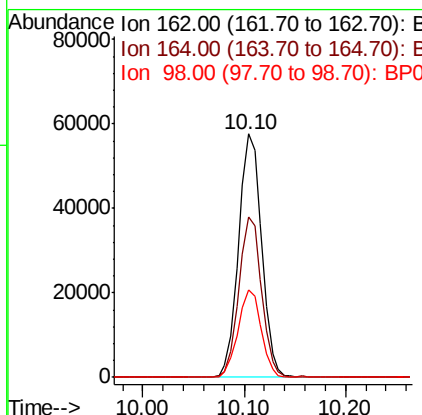
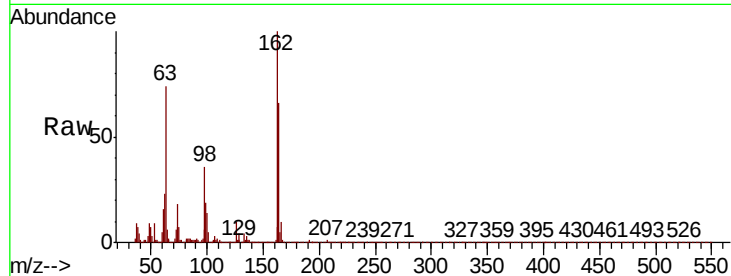




#29
2,4-Dichlorophenol
Concen: 37.070 ng
RT: 10.10 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

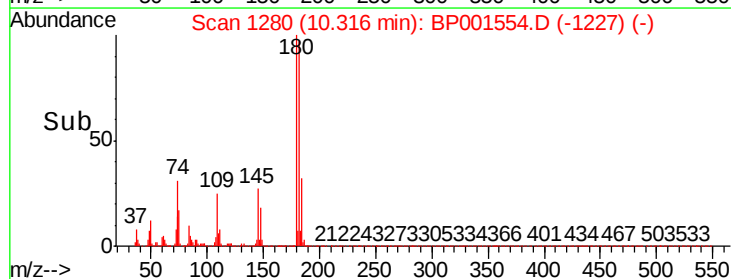
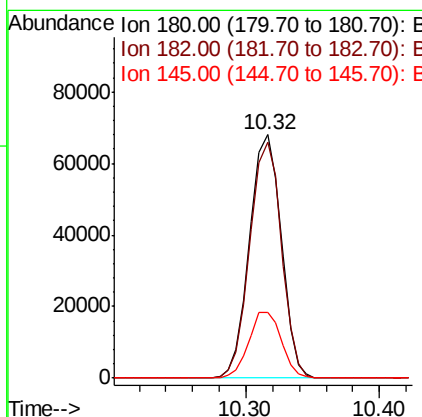
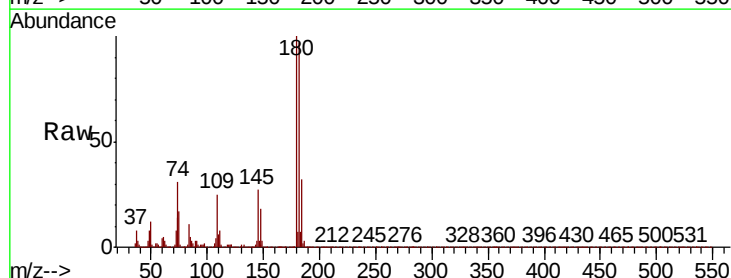
Instrument :
BNA_P
ClientSampleId :

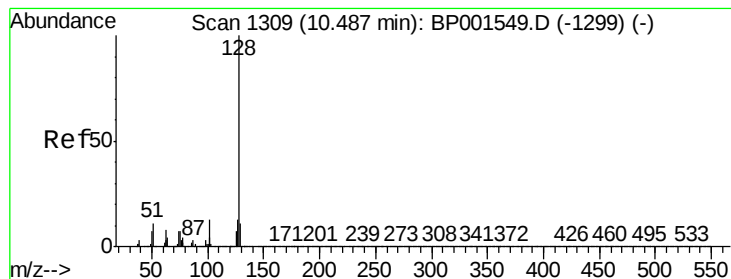
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.9	84.9
98	35.9	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 37.544 ng
RT: 10.32 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.2	112.8
145	27.2	22.9	34.3





#31

Naphthalene

Concen: 37.075 ng

RT: 10.50 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampled :

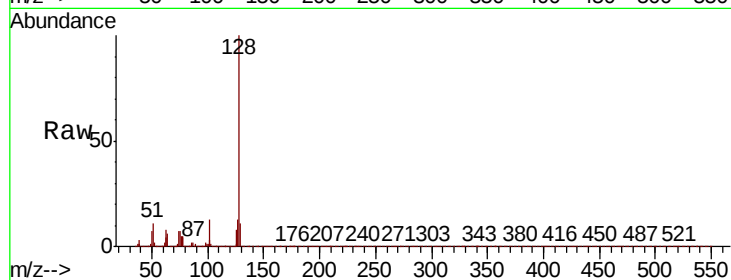
Tot Ion:128 Resp: 268860

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

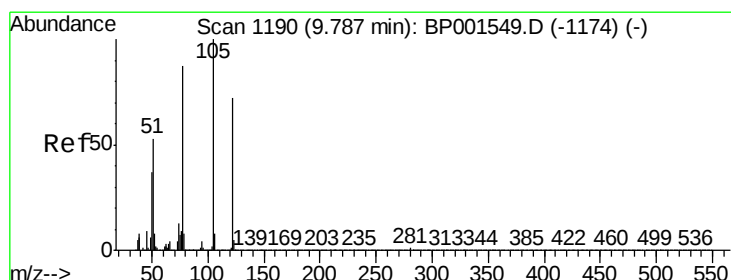
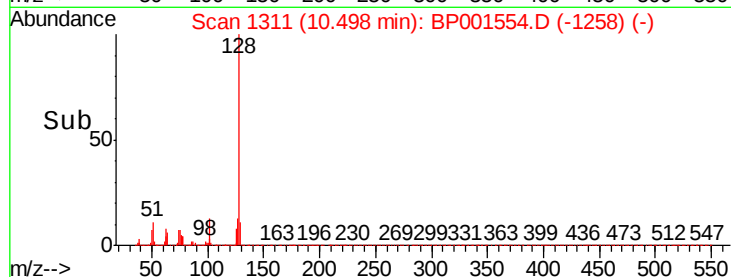
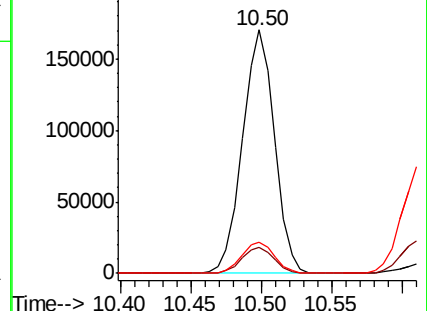
127 12.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.085 ng

RT: 9.81 min Scan# 1194

Delta R.T. 0.02 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

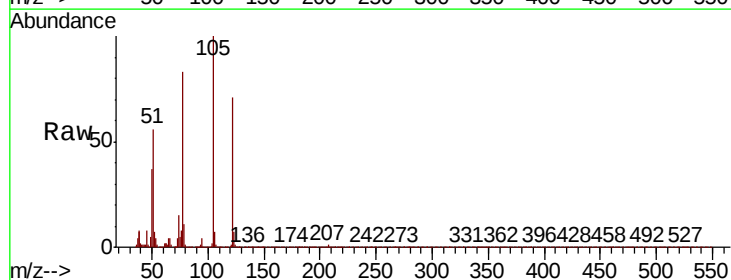
Tgt Ion:122 Resp: 59818

Ion Ratio Lower Upper

122 100

105 141.4 119.5 159.5

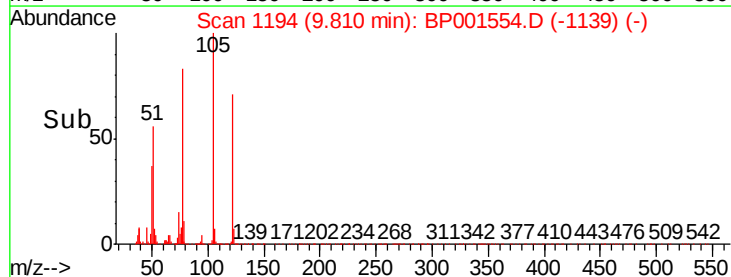
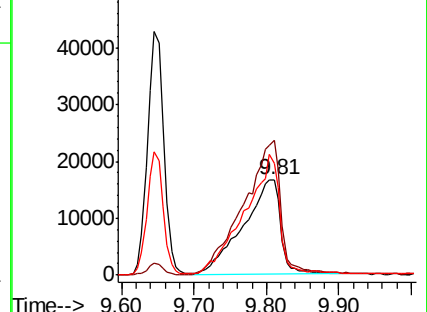
77 117.6 102.8 142.8

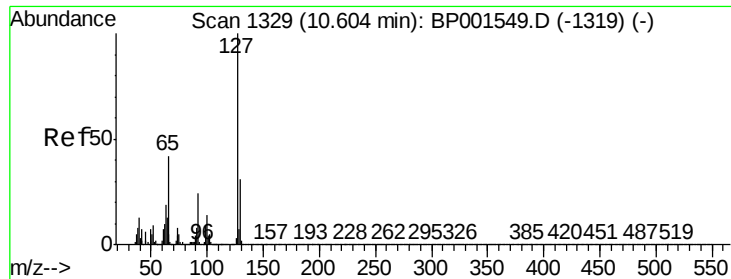


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

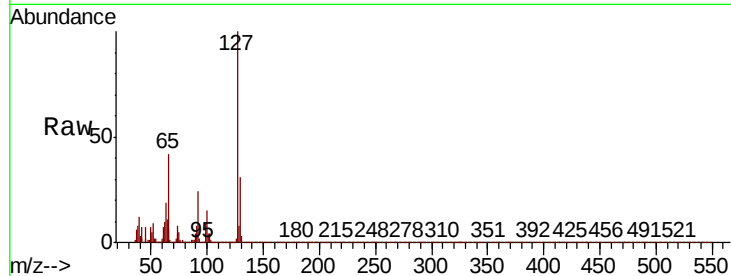




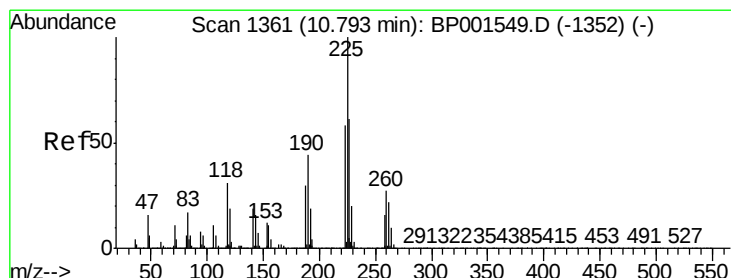
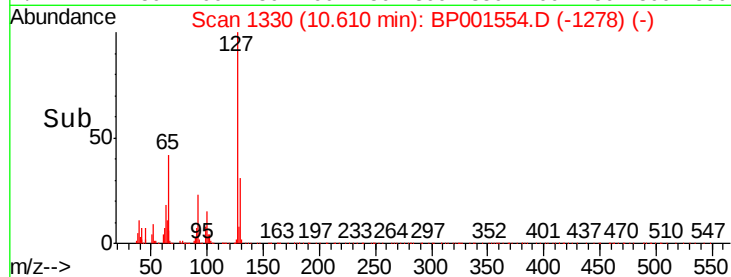
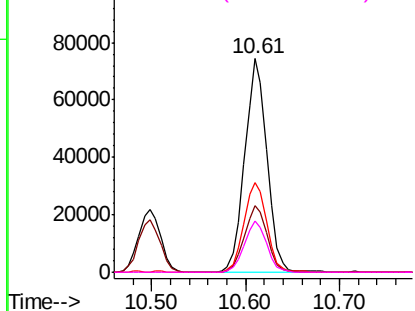
#33
4-Chloroaniline
Concen: 36.283 ng
RT: 10.61 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	121145
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.9	37.3
65	41.7	33.3	49.9
92	23.9	19.6	29.4

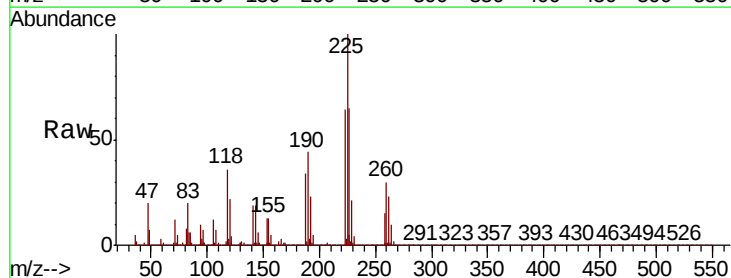


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

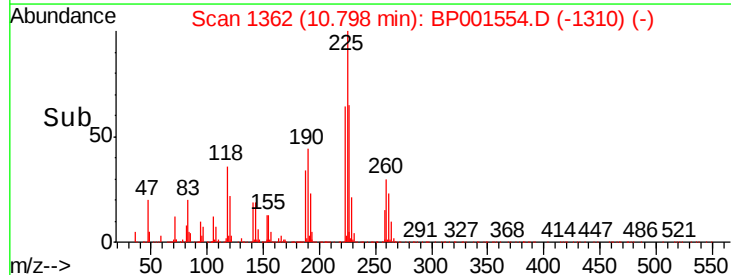
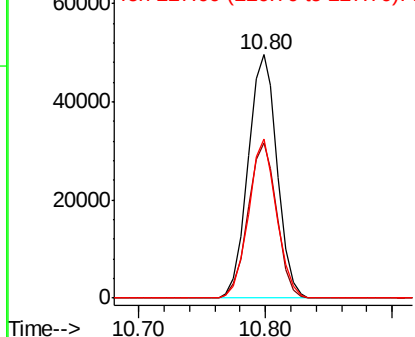


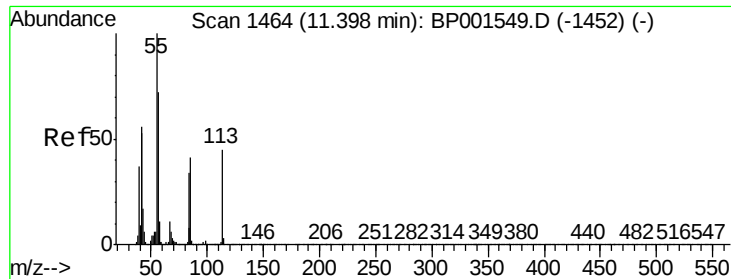
#34
Hexachlorobutadiene
Concen: 37.507 ng
RT: 10.80 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:	225	Resp:	78796
Ion	Ratio	Lower	Upper
225	100		
223	63.9	46.5	69.7
227	65.1	48.8	73.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

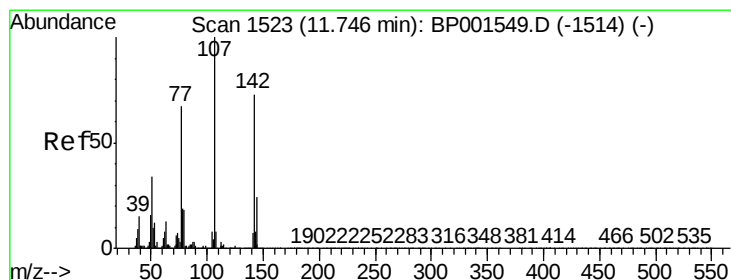
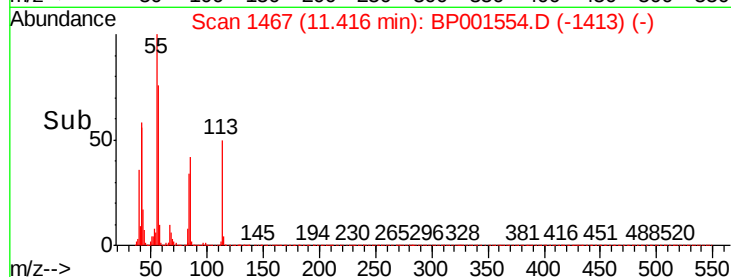
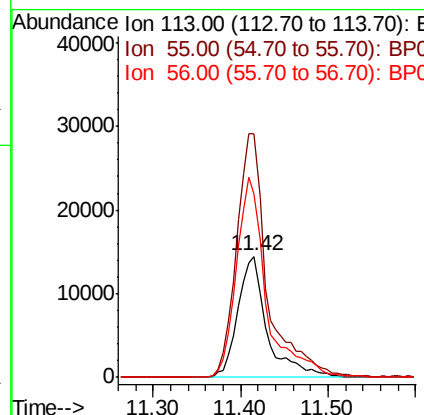
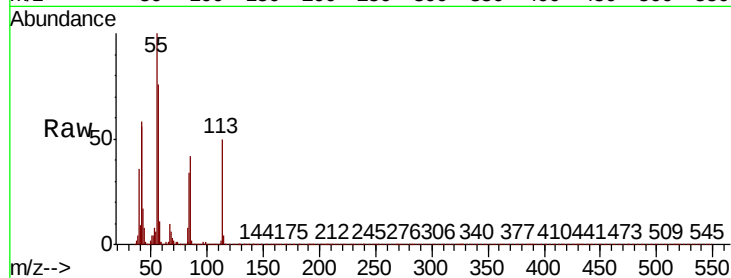




#35
Caprolactam
Concen: 36.678 ng
RT: 11.42 min Scan# 1467
Delta R.T. 0.02 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

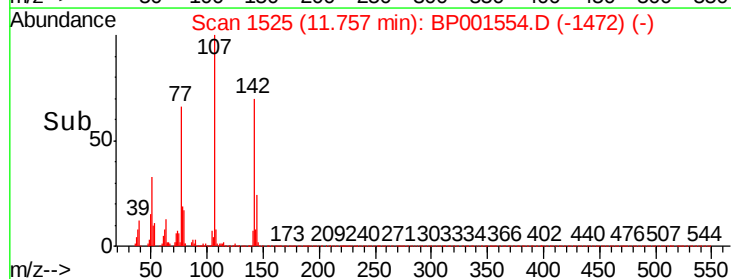
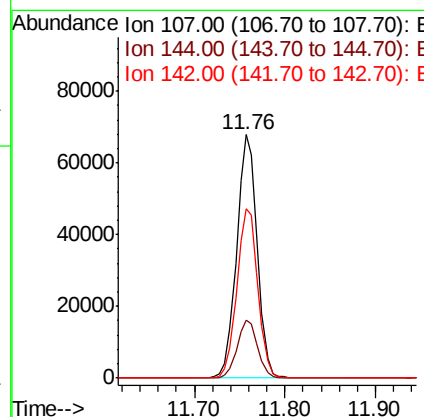
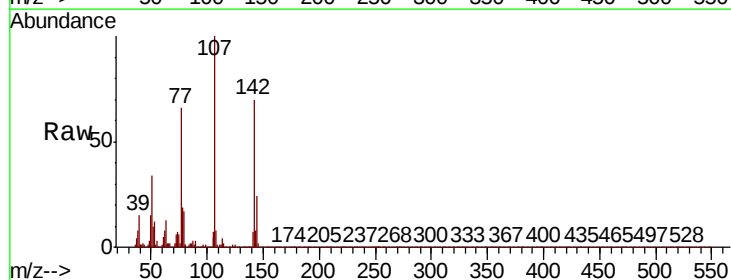
Instrument :
BNA_P
ClientSampleId :

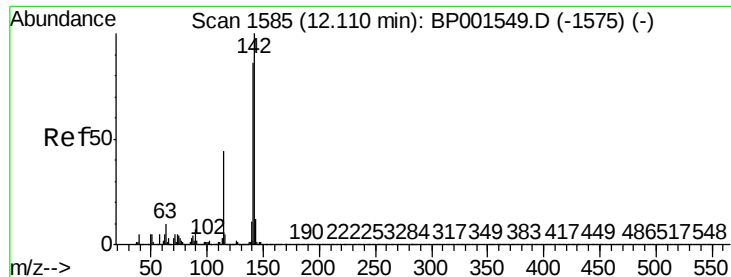
Tot Ion:113 Resp: 32743
Ion Ratio Lower Upper
113 100
55 201.1 202.7 242.7#
56 151.9 140.0 180.0



#36
4-Chloro-3-methylphenol
Concen: 36.326 ng
RT: 11.76 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:107 Resp: 107175
Ion Ratio Lower Upper
107 100
144 24.0 18.9 28.3
142 69.7 58.0 87.0

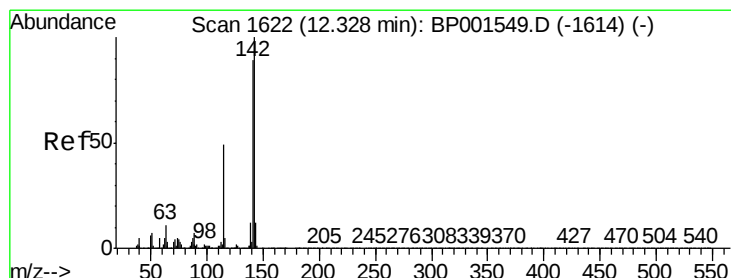
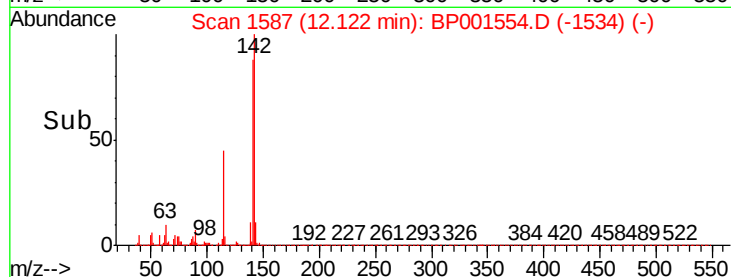
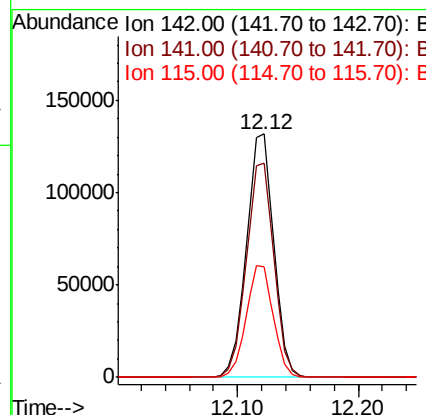
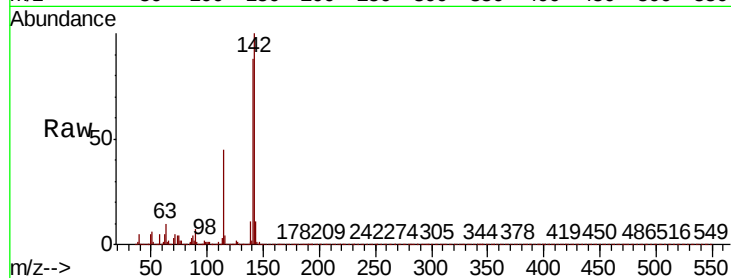




#37
2-Methylnaphthalene
Concen: 36.020 ng
RT: 12.12 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

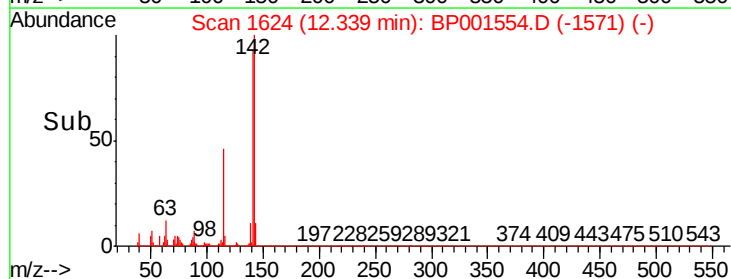
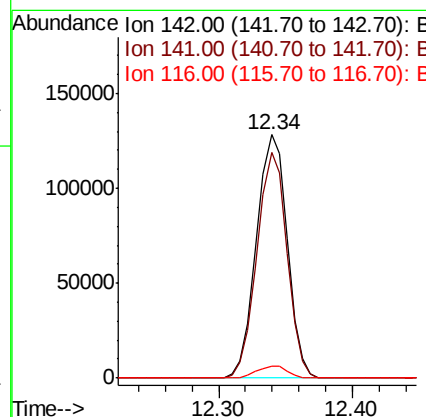
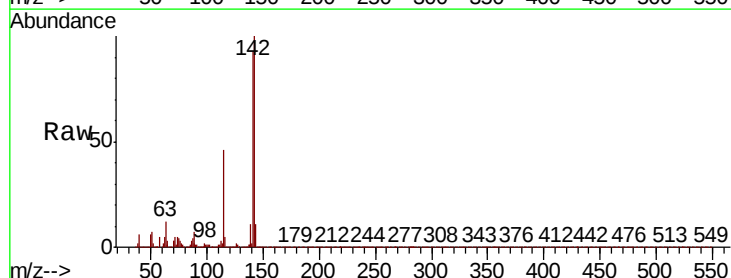
Instrument :
BNA_P
ClientSampleId :

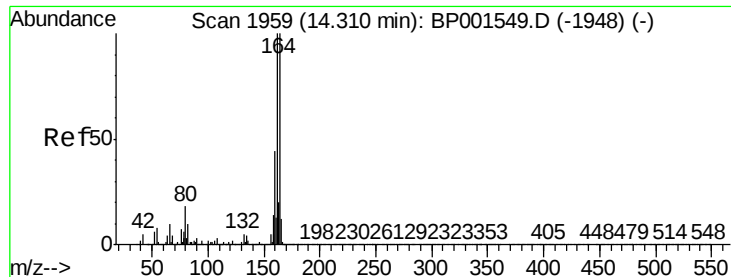
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	68.4	102.6
115	45.4	35.1	52.7



#38
1-Methylnaphthalene
Concen: 36.684 ng
RT: 12.34 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.9	106.3
116	5.0	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampleId :

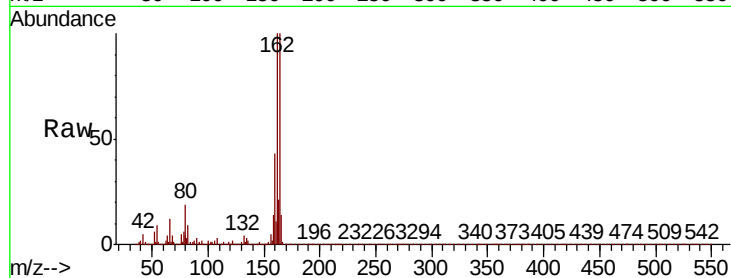
Tot Ion:164 Resp: 113223

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.6

160 43.0 35.0 52.6

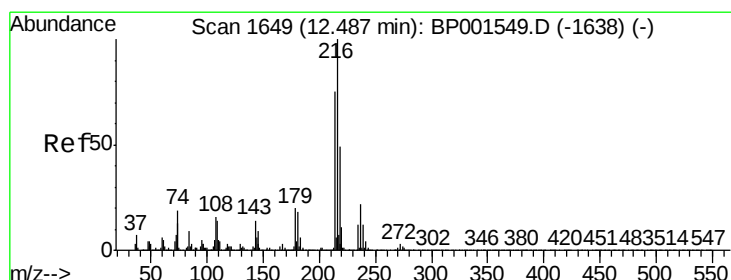
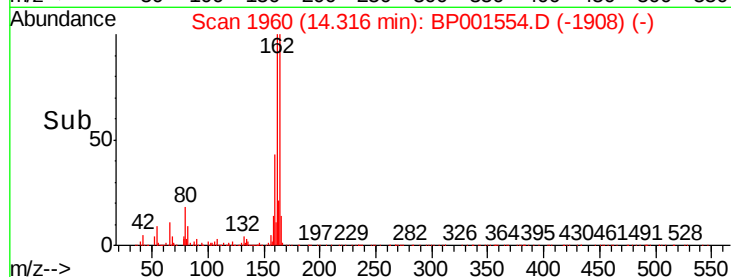
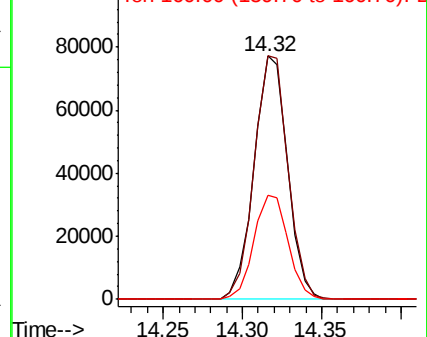


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.796 ng

RT: 12.49 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Tgt Ion:216 Resp: 146591

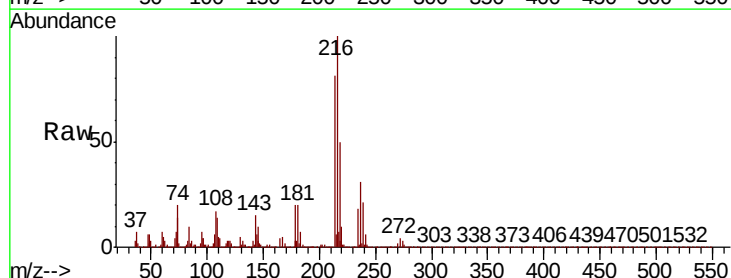
Ion Ratio Lower Upper

216 100

214 77.9 61.3 91.9

179 20.0 15.7 23.5

108 17.3 14.2 21.4



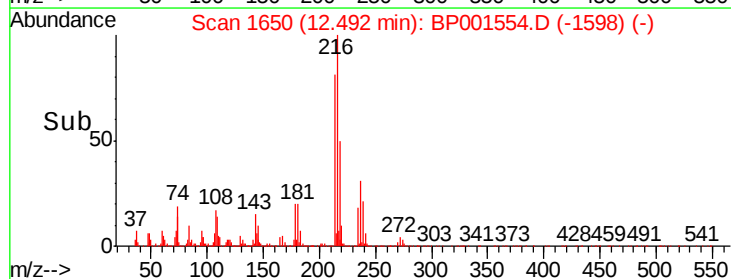
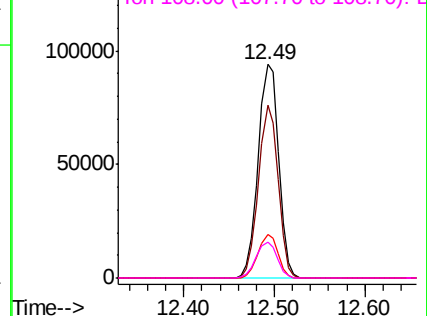
Abundance

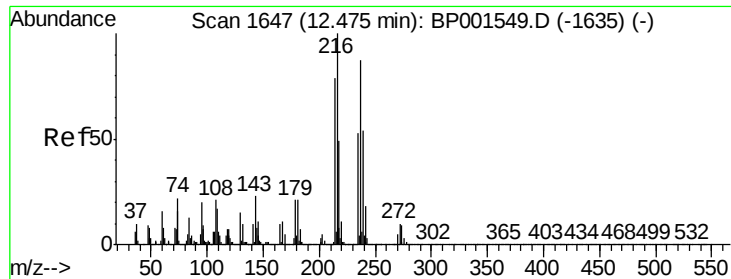
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

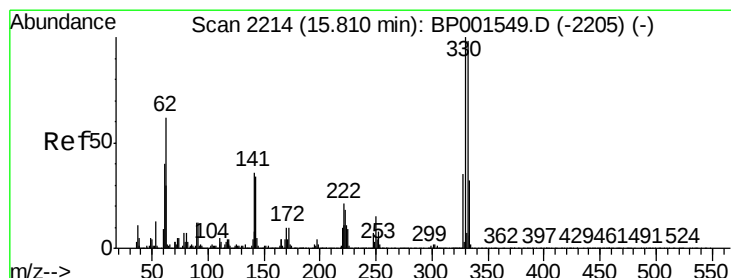
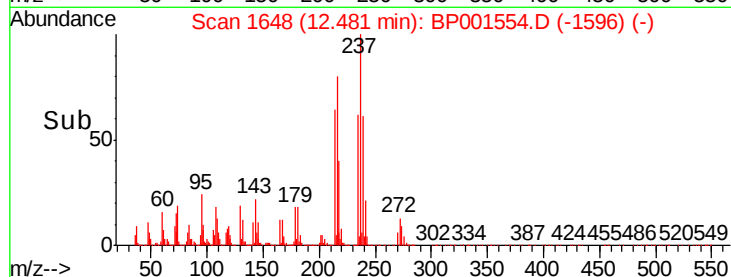
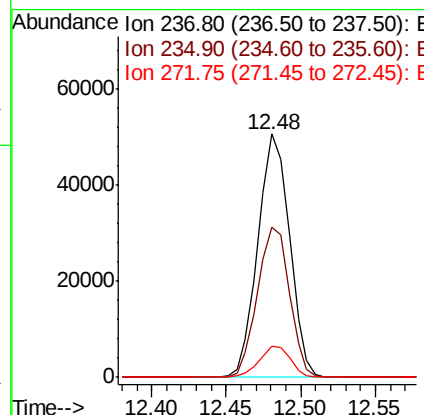
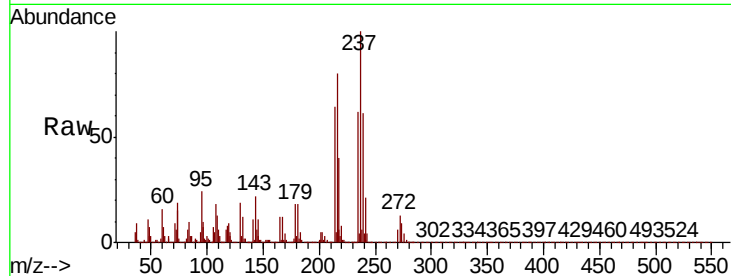




#41
Hexachlorocyclopentadiene
Concen: 37.731 ng
RT: 12.48 min Scan# 1648
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

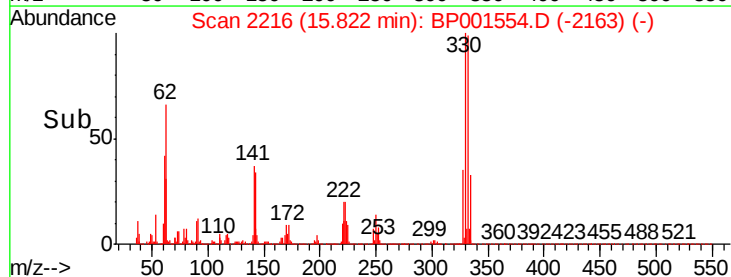
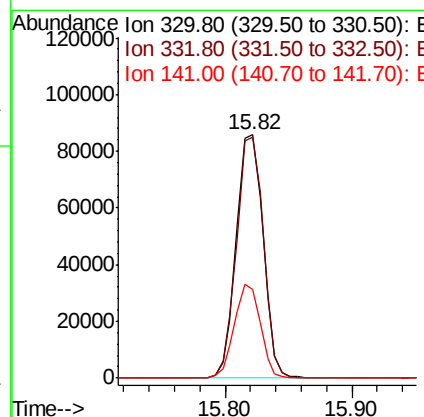
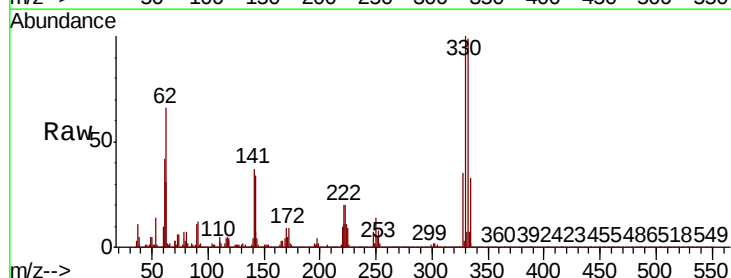
Instrument :
BNA_P
ClientSampleId :

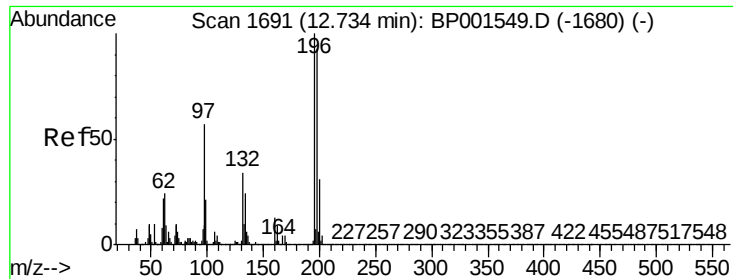
Tot Ion:237 Resp: 74232
Ion Ratio Lower Upper
237 100
235 61.8 41.6 81.6
272 12.6 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 73.162 ng
RT: 15.82 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:330 Resp: 126094
Ion Ratio Lower Upper
330 100
332 99.1 77.8 116.6
141 37.2 28.7 43.1

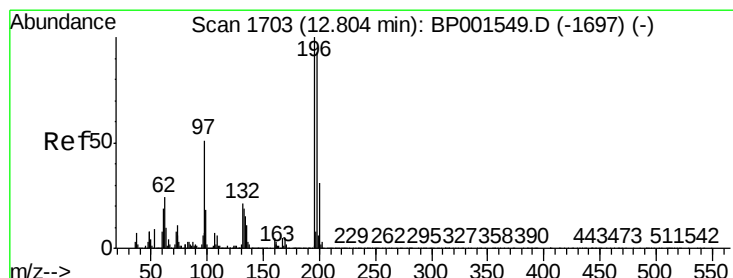
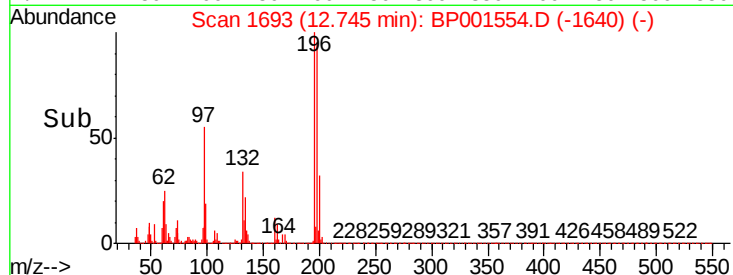
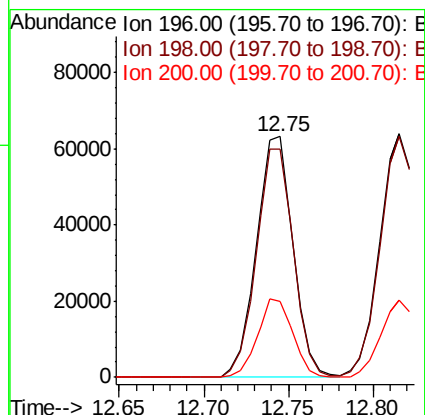
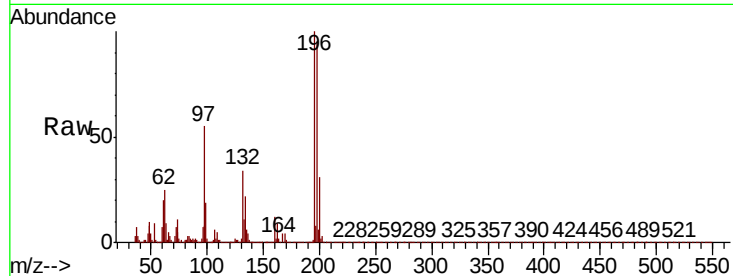




#43
2,4,6-Trichlorophenol
Concen: 38.105 ng
RT: 12.75 min Scan# 1693
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

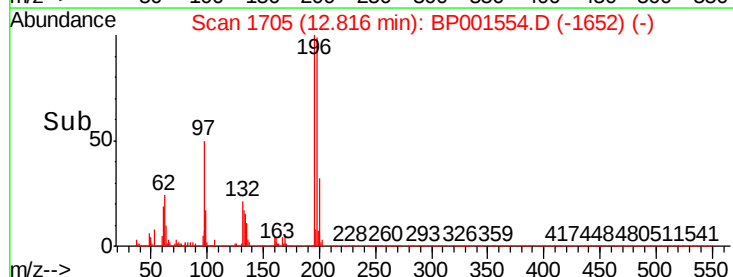
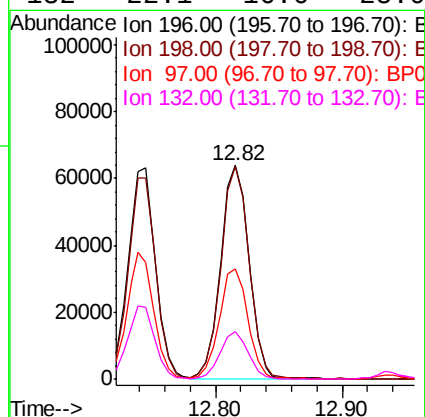
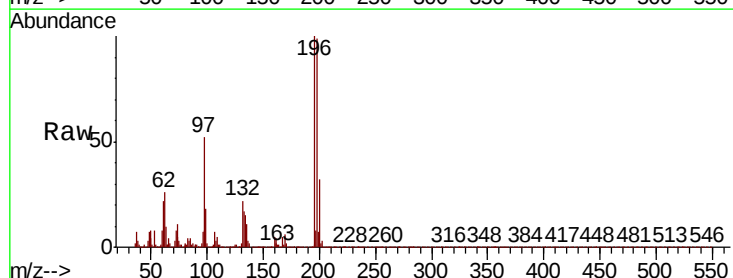
Instrument :
BNA_P
ClientSampleId :

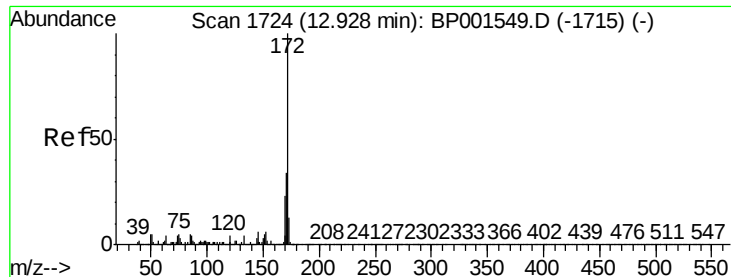
Tot Ion:196 Resp: 95316
Ion Ratio Lower Upper
196 100
198 95.0 74.2 111.4
200 31.5 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 37.454 ng
RT: 12.82 min Scan# 1705
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:196 Resp: 99556
Ion Ratio Lower Upper
196 100
198 99.2 74.6 111.8
97 51.8 41.0 61.6
132 22.1 16.6 25.0

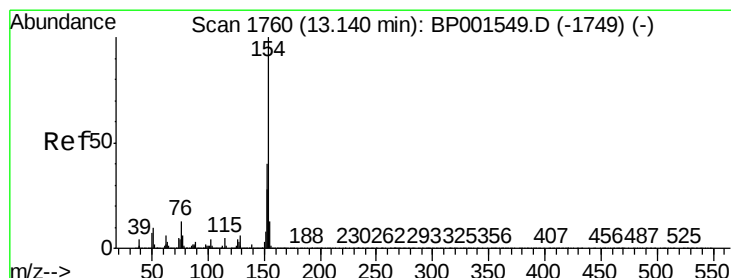
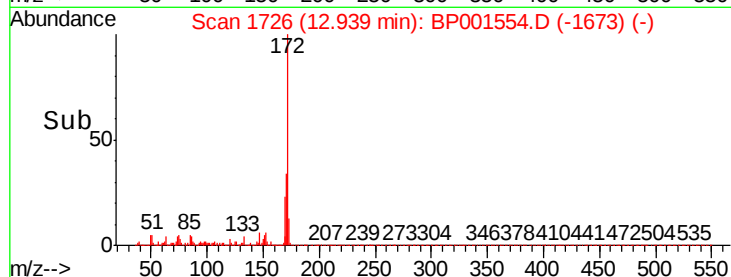
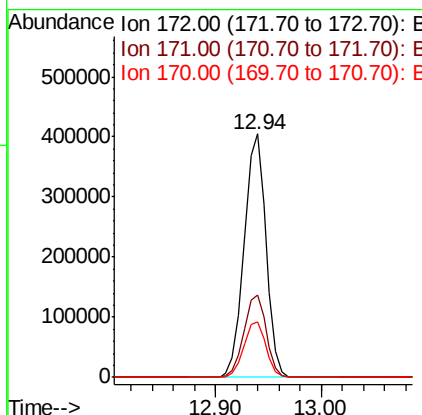
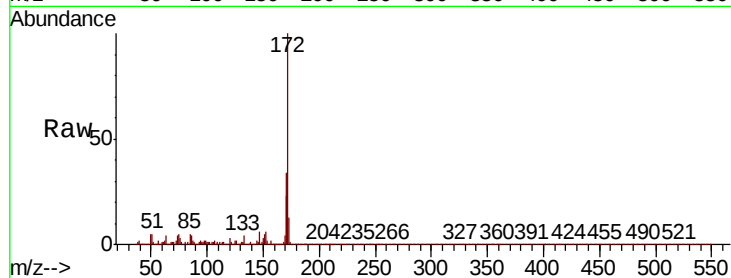




#45
2-Fluorobiphenyl
Concen: 75.081 ng
RT: 12.94 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

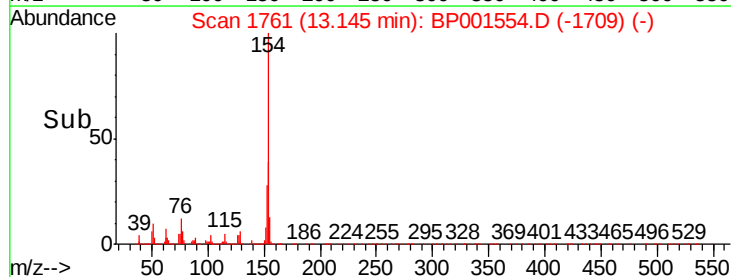
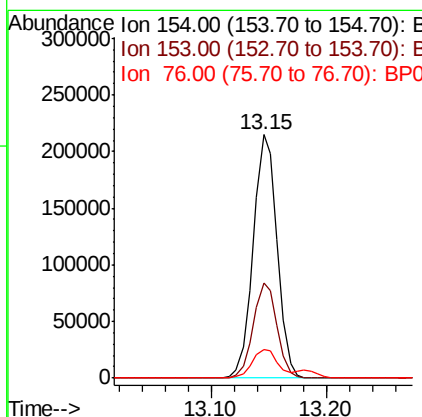
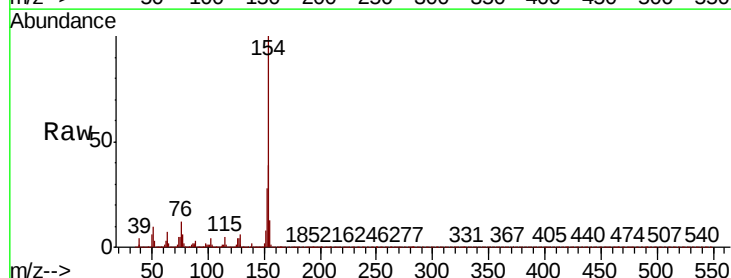
Instrument :
BNA_P
ClientSampleId :

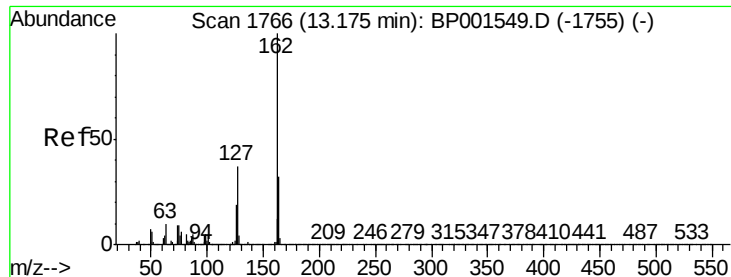
Tot Ion:172 Resp: 578186
Ion Ratio Lower Upper
172 100
171 33.7 27.6 41.4
170 22.8 18.3 27.5



#46
1,1'-Biphenyl
Concen: 38.058 ng
RT: 13.15 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:154 Resp: 308779
Ion Ratio Lower Upper
154 100
153 38.8 19.5 59.5
76 11.9 0.0 33.1

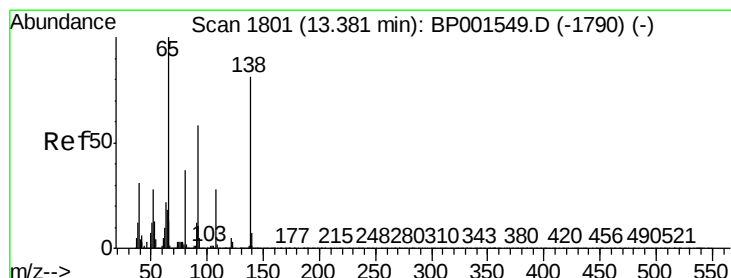
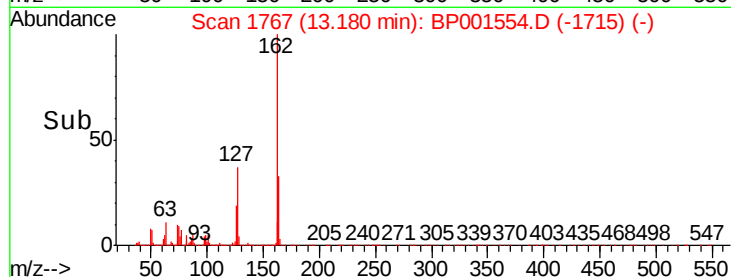
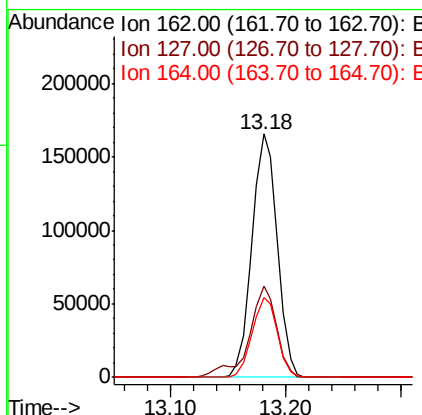
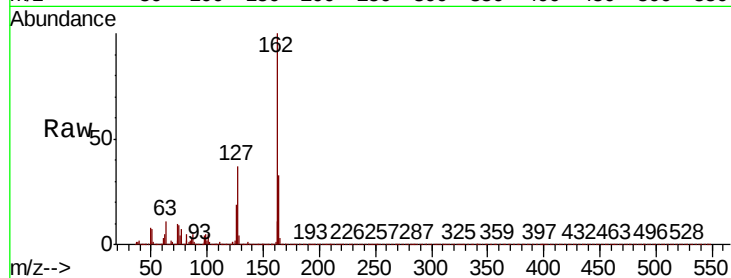




#47
2-Chloronaphthalene
Concen: 37.477 ng
RT: 13.18 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

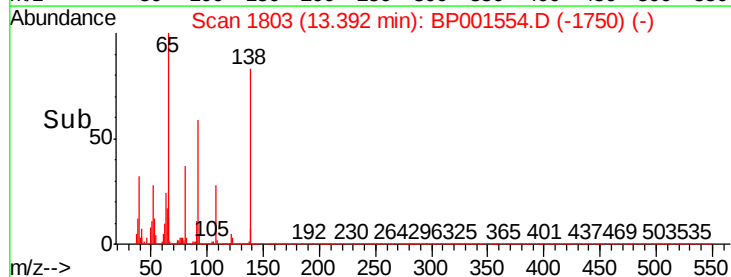
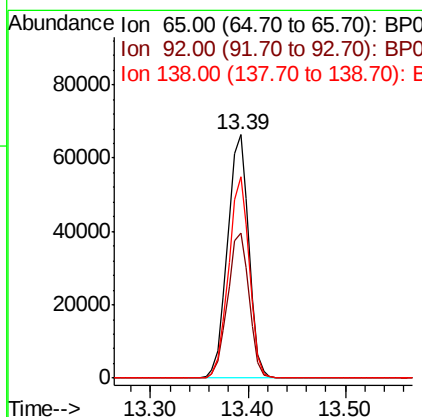
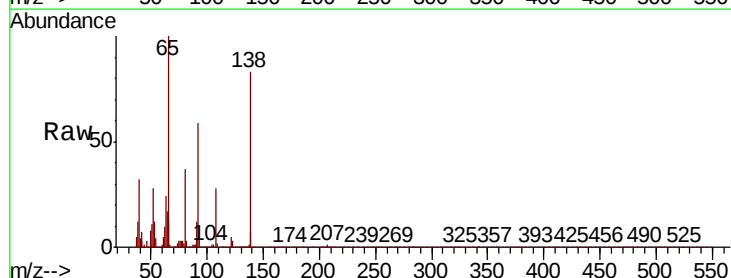
Instrument :
BNA_P
ClientSampleId :

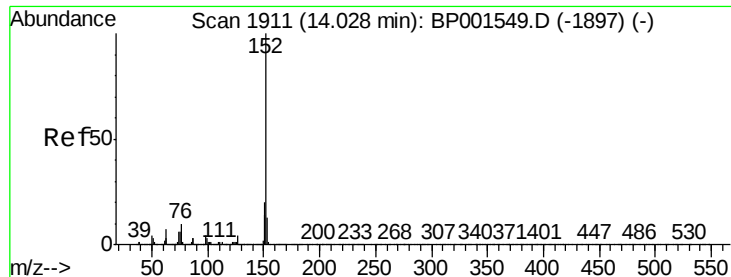
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	29.9	44.9
164	32.7	26.0	39.0



#48
2-Nitroaniline
Concen: 37.722 ng
RT: 13.39 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.4	46.2	69.2
138	82.8	64.7	97.1





#49

Acenaphthylene

Concen: 37.671 ng

RT: 14.03 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

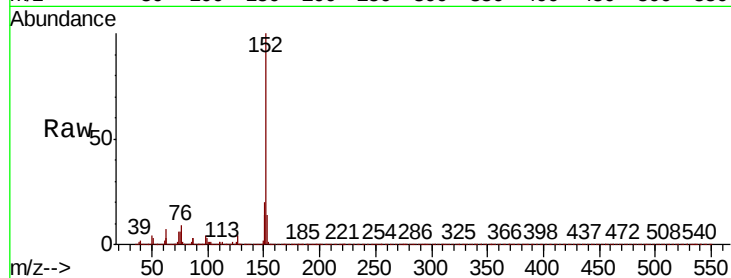
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 391757

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.8	10.4	15.6

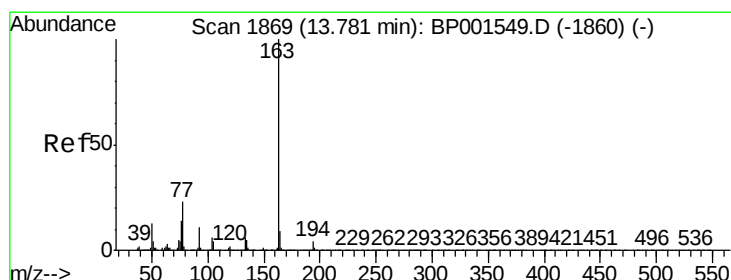
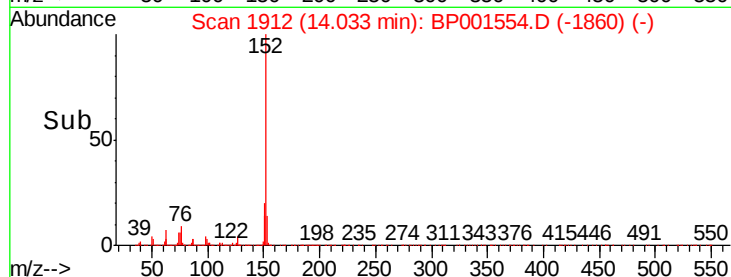
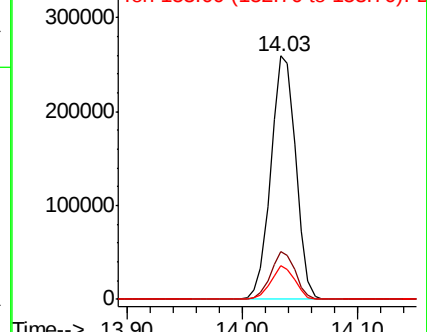


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.216 ng

RT: 13.79 min Scan# 1871

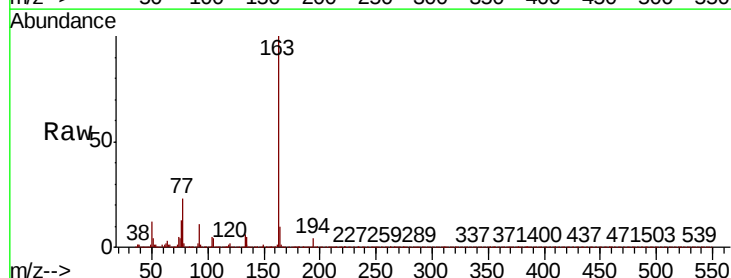
Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Tgt Ion:163 Resp: 347061

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.0	7.5	11.3

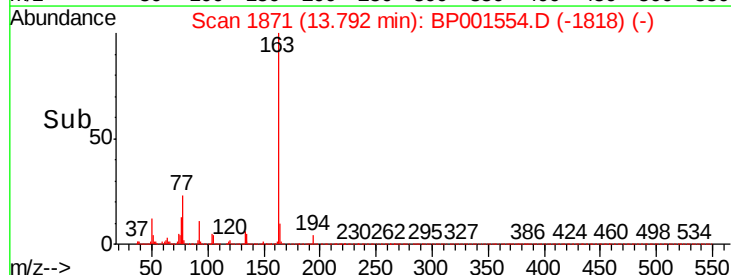
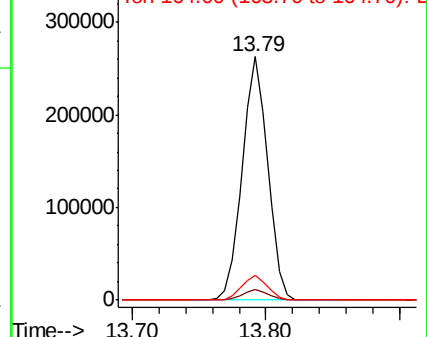


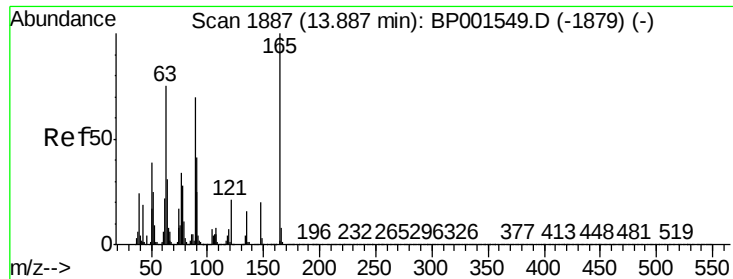
Abundance

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

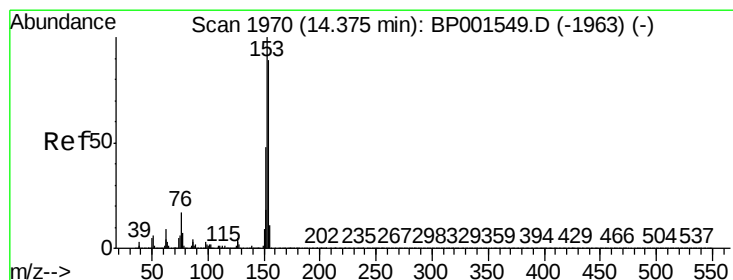
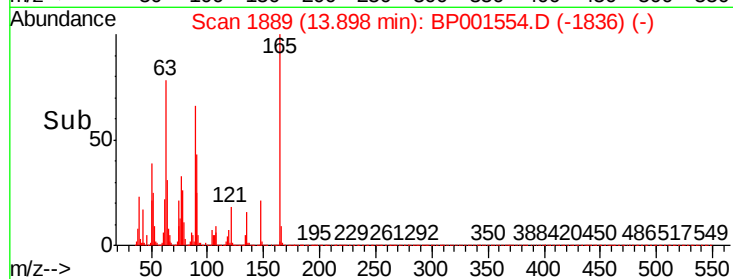
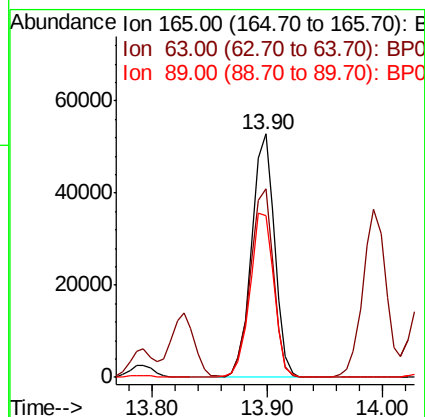
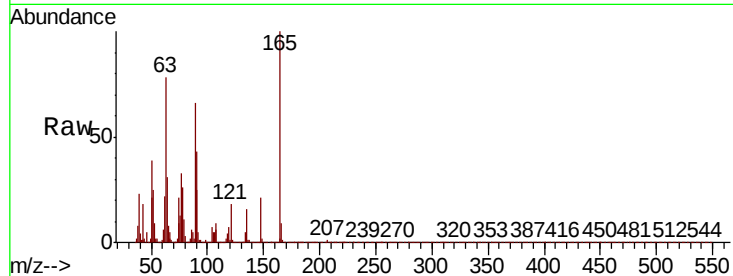




#51
2,6-Dinitrotoluene
Concen: 37.058 ng
RT: 13.90 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

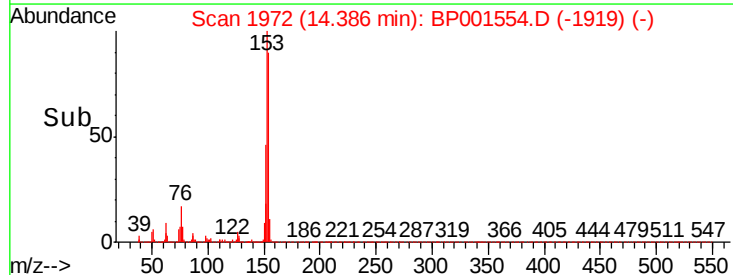
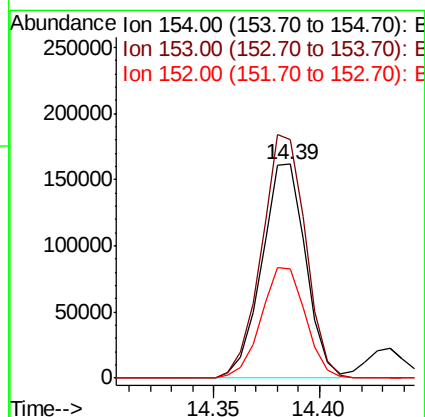
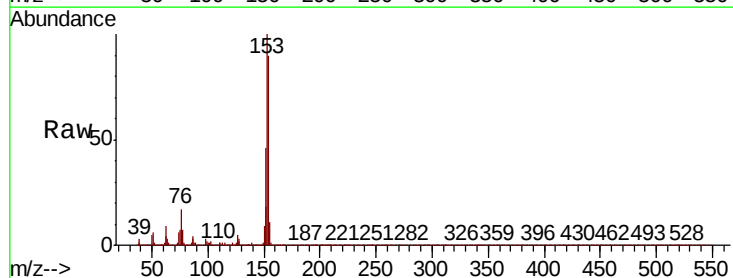
Instrument :
BNA_P
ClientSampleId :

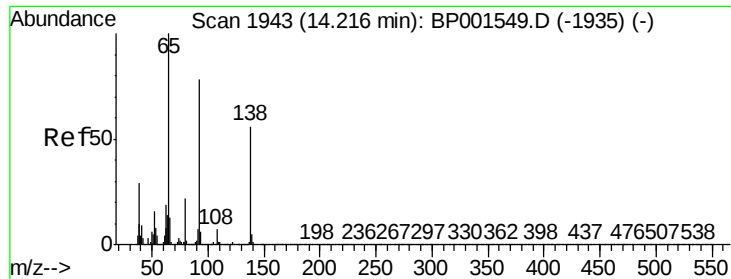
Tot Ion:165 Resp: 73285
Ion Ratio Lower Upper
165 100
63 77.7 60.9 91.3
89 66.3 55.7 83.5



#52
Acenaphthene
Concen: 36.332 ng
RT: 14.39 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:154 Resp: 234005
Ion Ratio Lower Upper
154 100
153 111.5 89.4 134.2
152 51.4 42.6 64.0

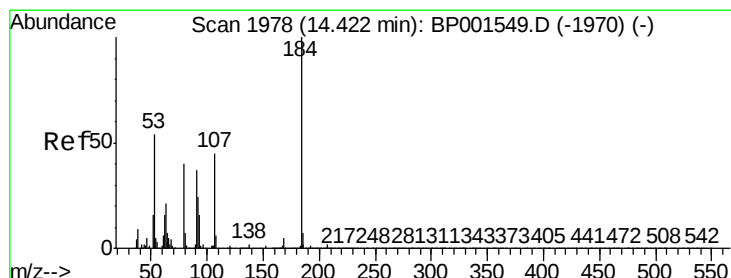
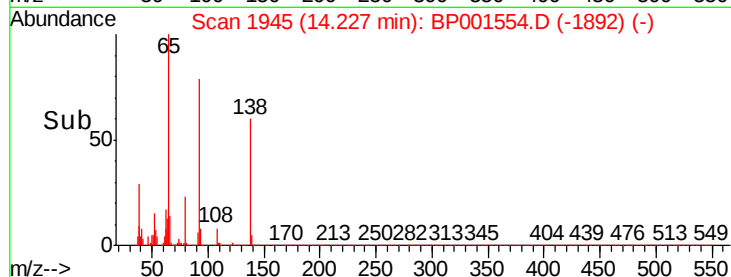
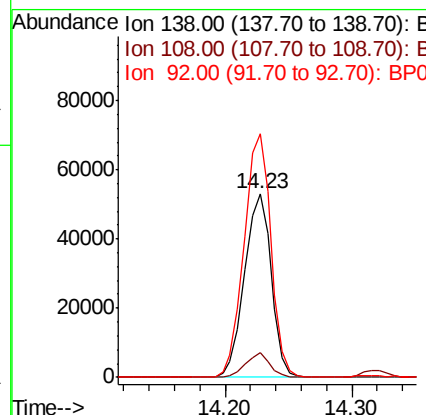
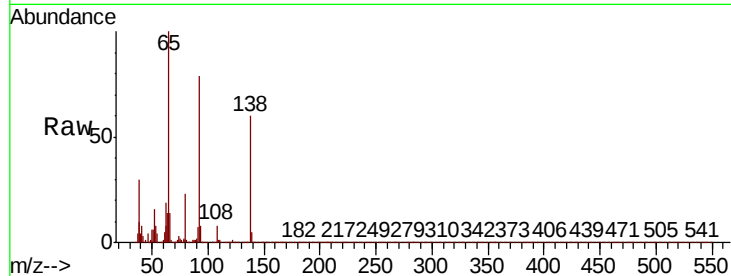




#53
 3-Nitroaniline
 Concen: 37.127 ng
 RT: 14.23 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: BP001554.D
 Acq: 08 Jan 2020 15:02

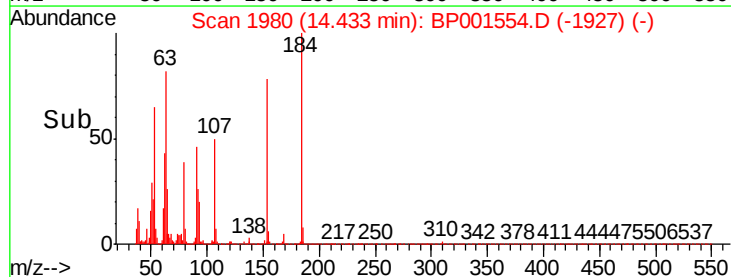
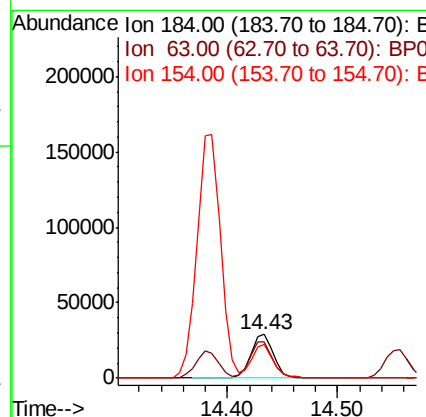
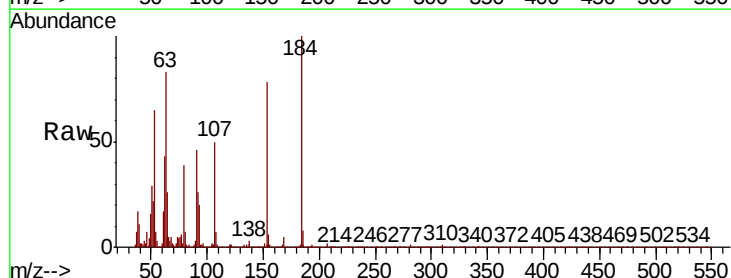
Instrument :
 BNA_P
 ClientSampled :

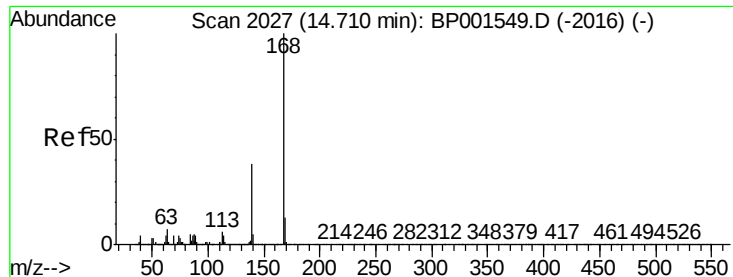
Tot Ion:138 Resp: 77521
 Ion Ratio Lower Upper
 138 100
 108 13.3 9.9 14.9
 92 132.7 110.6 166.0



#54
 2,4-Dinitrophenol
 Concen: 37.517 ng
 RT: 14.43 min Scan# 1980
 Delta R.T. 0.01 min
 Lab File: BP001554.D
 Acq: 08 Jan 2020 15:02

Tgt Ion:184 Resp: 41716
 Ion Ratio Lower Upper
 184 100
 63 82.5 59.7 89.5
 154 78.2 53.9 80.9

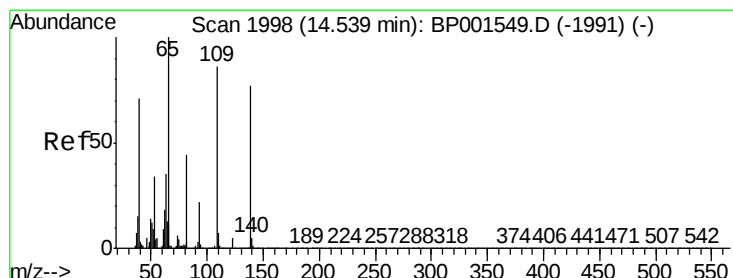
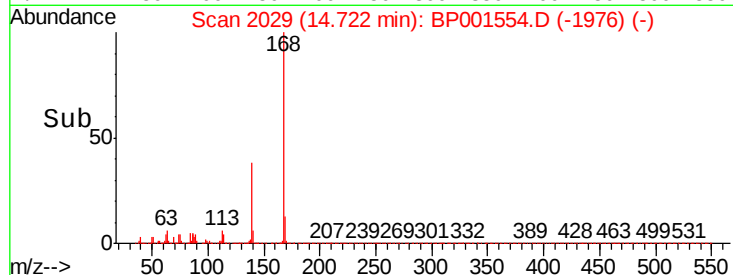
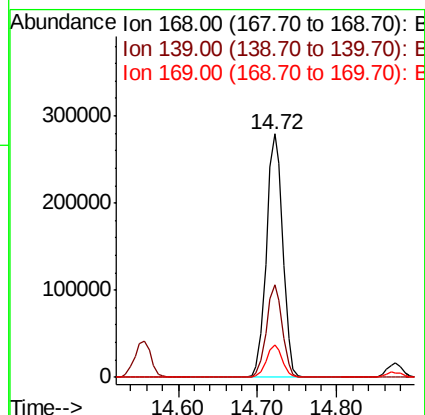
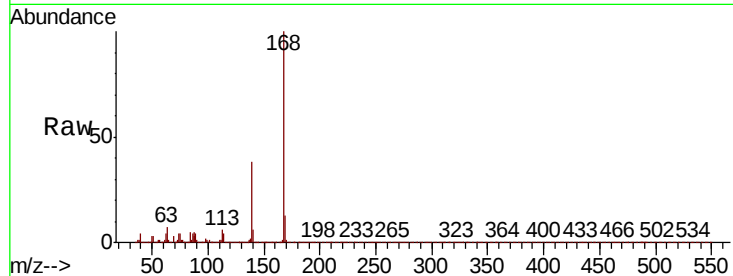




#55
Dibenzofuran
Concen: 37.148 ng
RT: 14.72 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

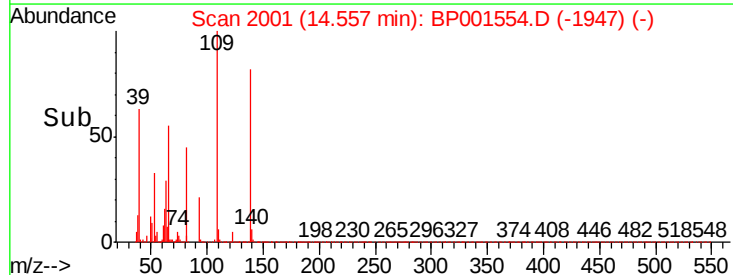
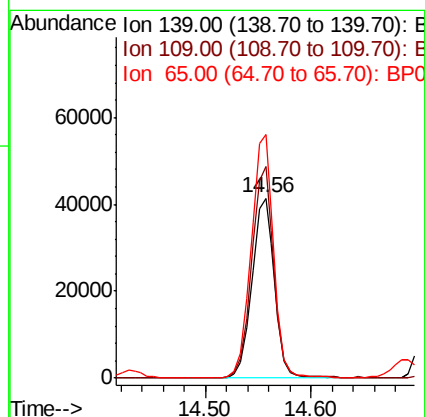
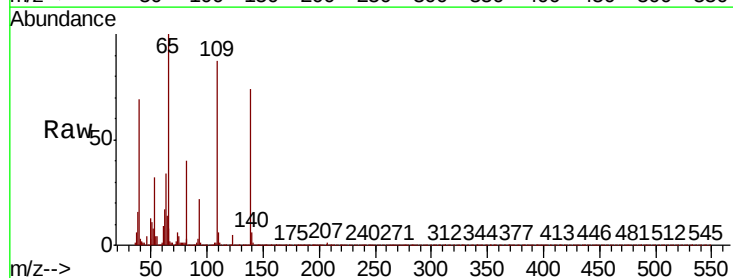
Instrument :
BNA_P
ClientSampleId :

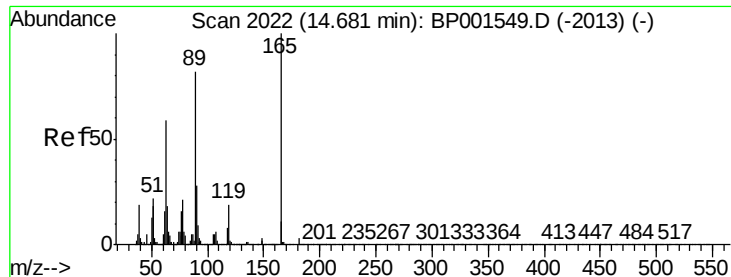
Tot Ion:168 Resp: 404602
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.4
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 36.998 ng
RT: 14.56 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:139 Resp: 61688
Ion Ratio Lower Upper
139 100
109 117.4 92.7 132.7
65 135.3 111.1 151.1

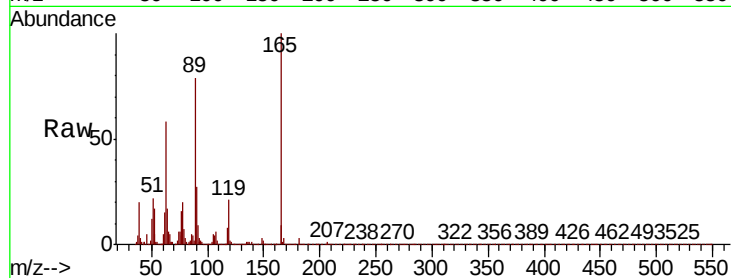




#57
2,4-Dinitrotoluene
Concen: 37.650 ng
RT: 14.69 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.7	47.3	70.9
89	79.2	65.4	98.0
182	2.6	2.5	3.7



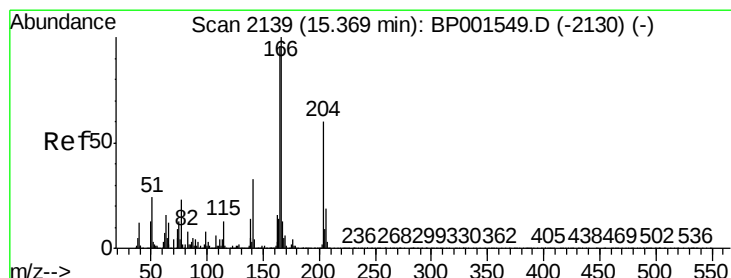
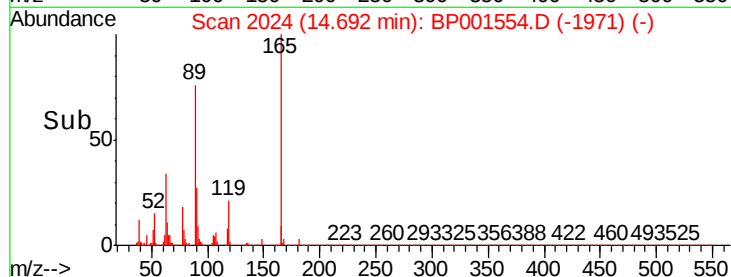
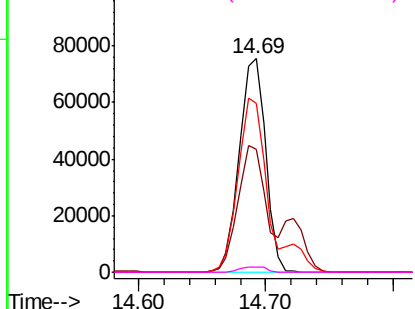
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

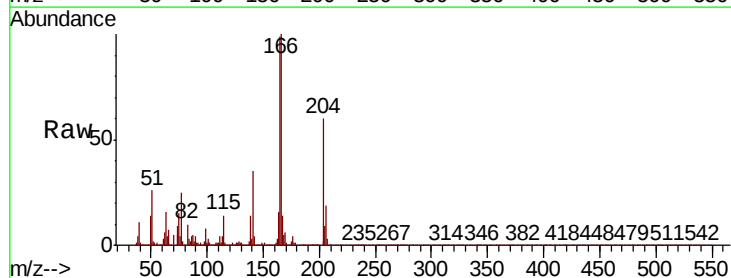
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.410 ng
RT: 15.37 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.9	115.3
167	14.1	10.3	15.5

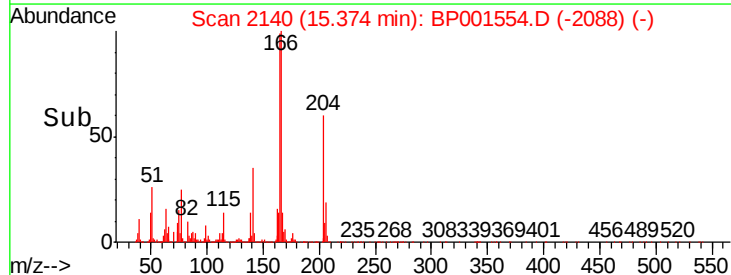
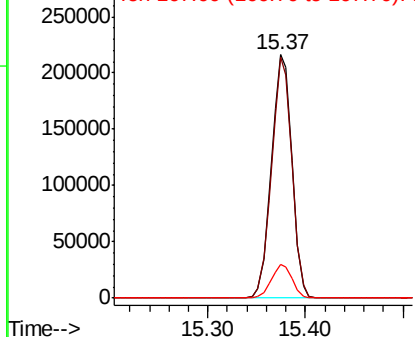


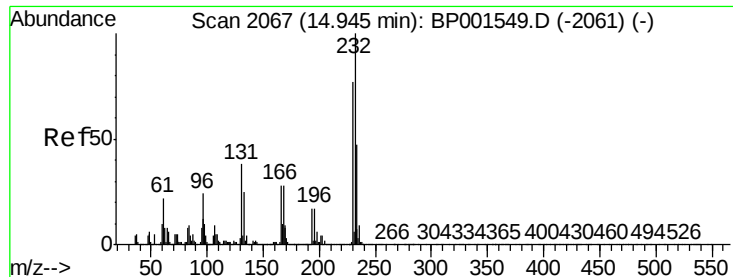
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

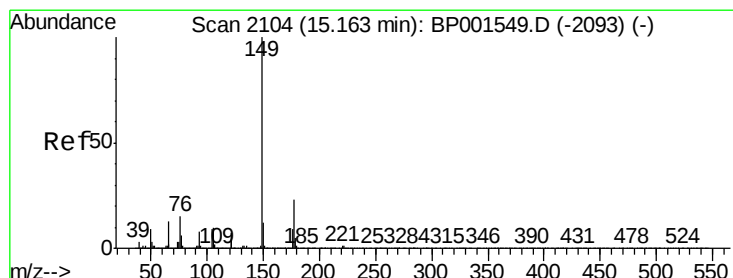
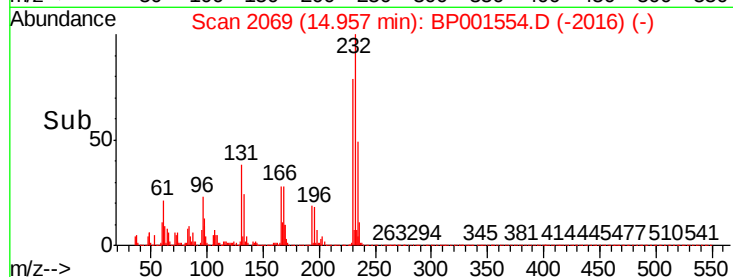
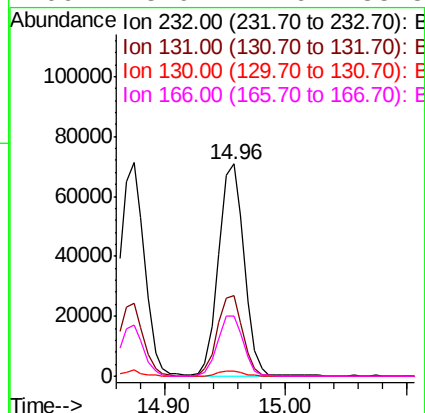
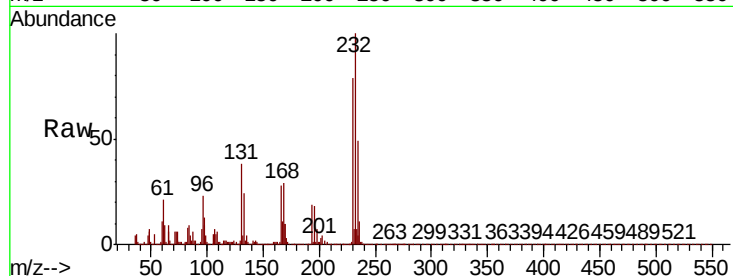




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.342 ng
RT: 14.96 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

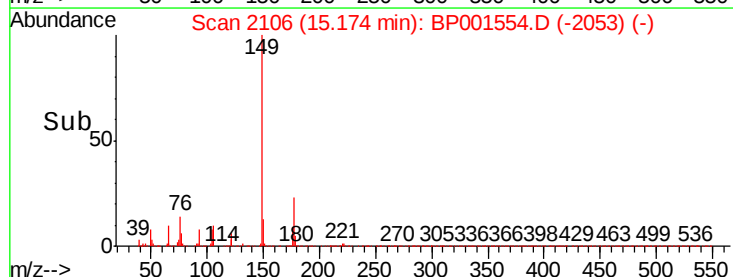
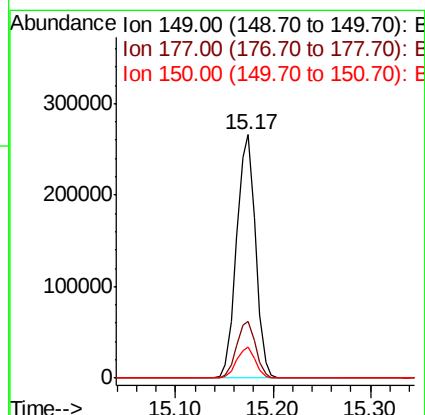
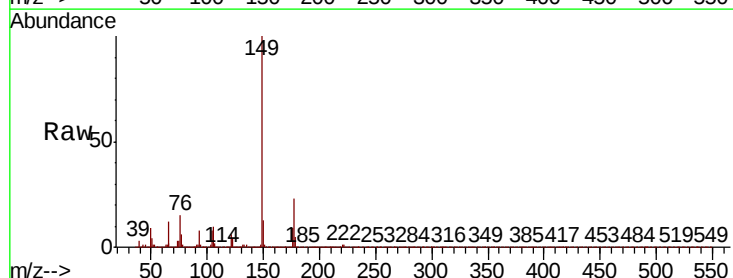
Instrument :
BNA_P
ClientSampled :

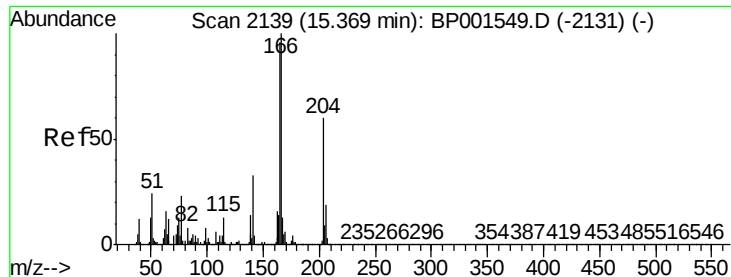
Tot Ion:232	Resp:	102496
Ion Ratio	Lower	Upper
232	100	
131	38.1	31.3 46.9
130	2.4	2.0 3.0
166	28.9	22.6 33.8



#60
Diethylphthalate
Concen: 36.978 ng
RT: 15.17 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:149	Resp:	354682
Ion Ratio	Lower	Upper
149	100	
177	23.2	18.4 27.6
150	12.7	10.0 15.0

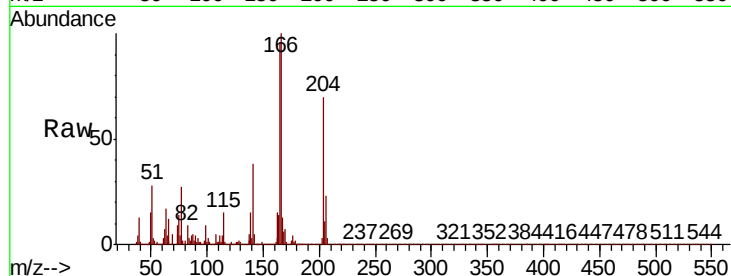




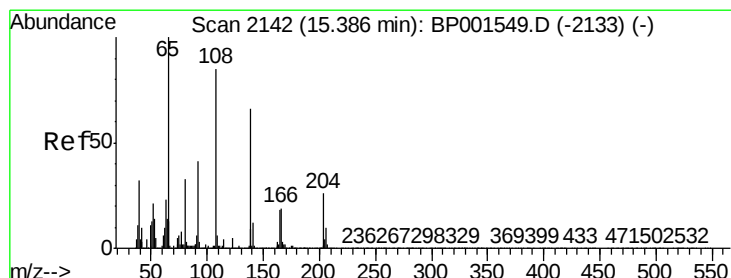
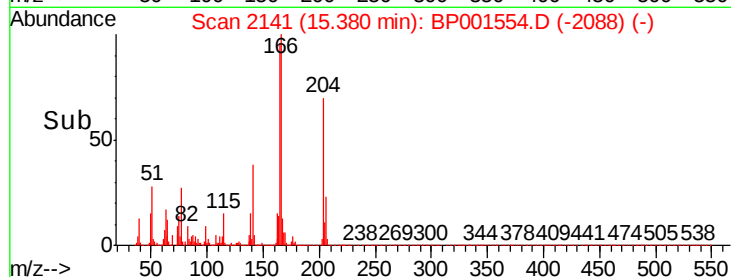
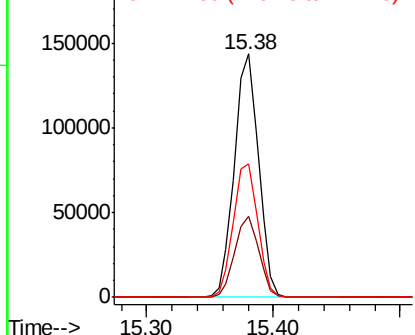
#61
4-Chlorophenyl-phenylether
Concen: 37.385 ng
RT: 15.38 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 188572
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 55.0 43.8 65.6

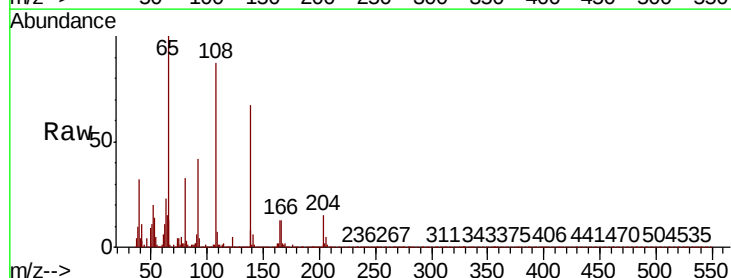


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

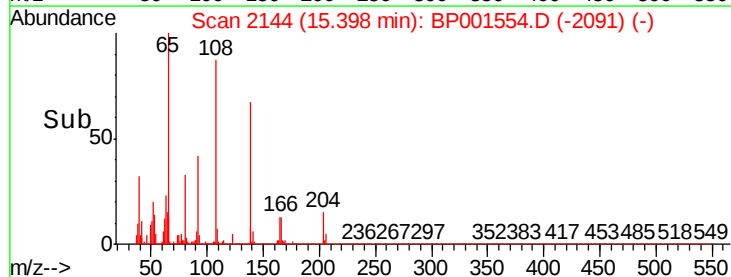
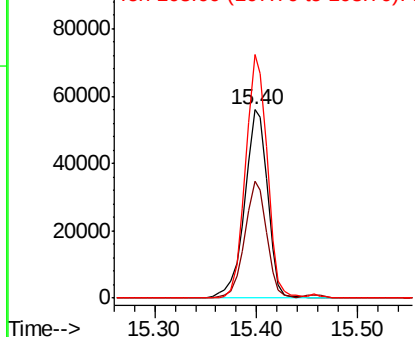


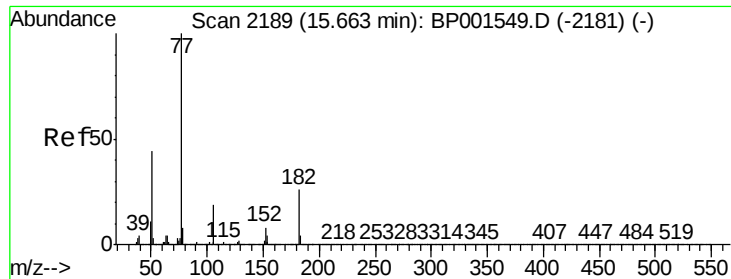
#62
4-Nitroaniline
Concen: 36.869 ng
RT: 15.40 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:138 Resp: 87769
Ion Ratio Lower Upper
138 100
92 62.1 42.7 82.7
108 129.3 108.6 148.6



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

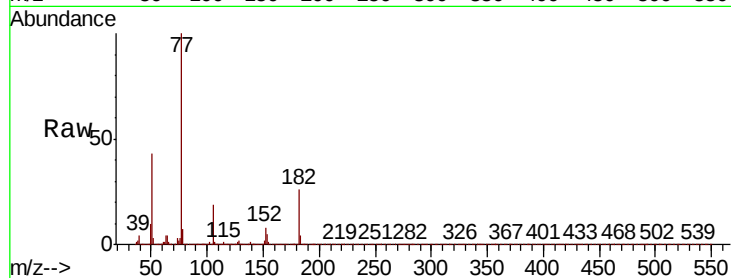




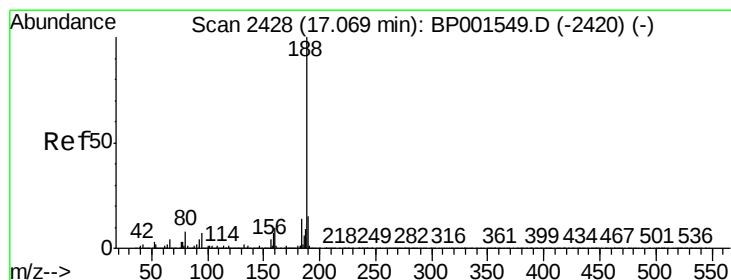
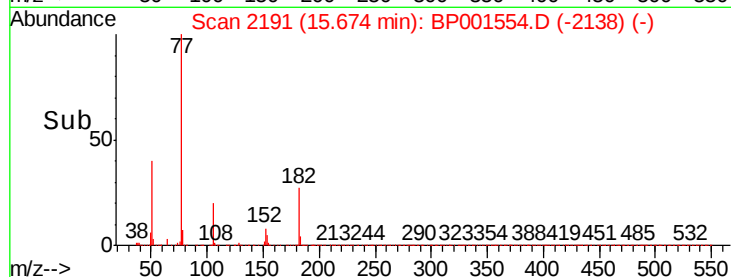
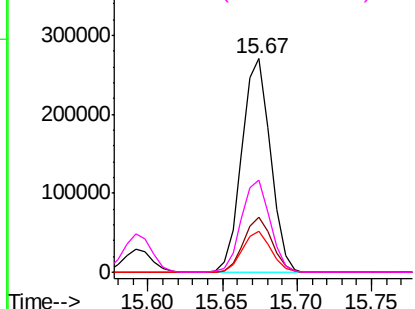
#63
Azobenzene
Concen: 37.514 ng
RT: 15.67 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	359525
Ion	Ratio	Lower	Upper
77	100		
182	25.9	5.8	45.8
105	18.9	0.0	39.3
51	43.4	23.6	63.6

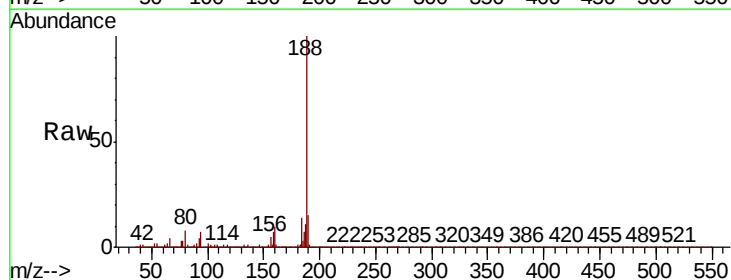


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

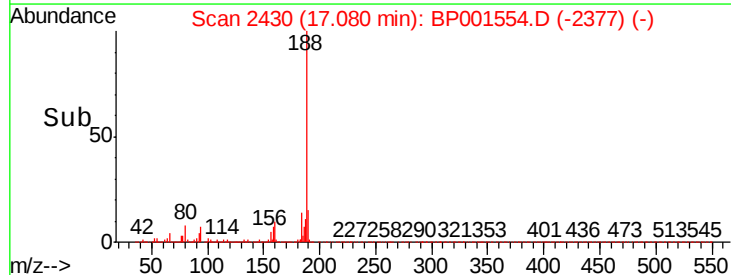
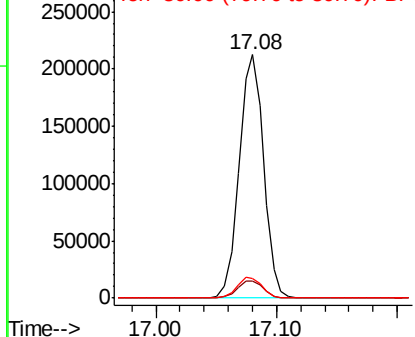


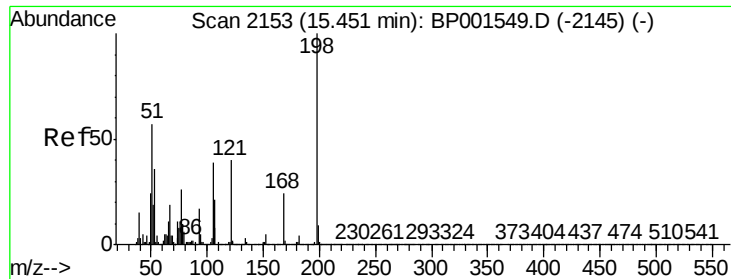
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:	188	Resp:	299285
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.9	8.9
80	8.2	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

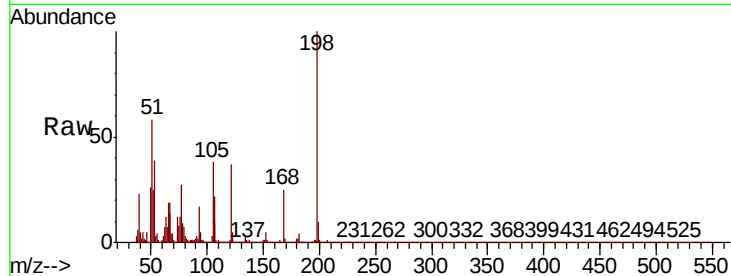




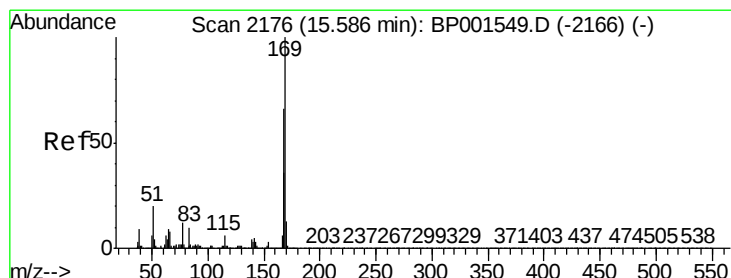
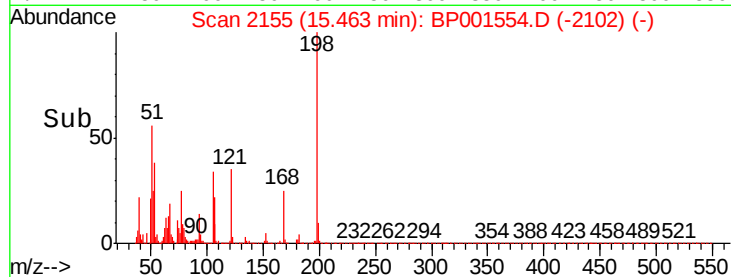
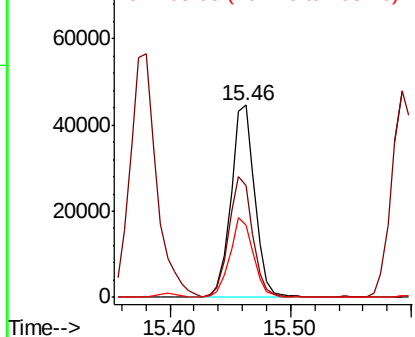
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.819 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BP001554.D
 Acq: 08 Jan 2020 15:02

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:198 Resp: 61194
 Ion Ratio Lower Upper
 198 100
 51 58.2 39.4 79.4
 105 37.8 19.7 59.7

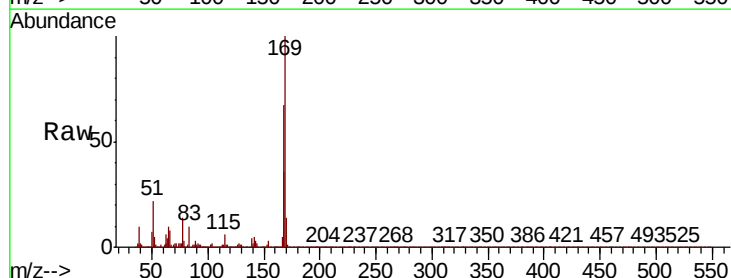


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BPO
 Ion 105.00 (104.70 to 105.70): E

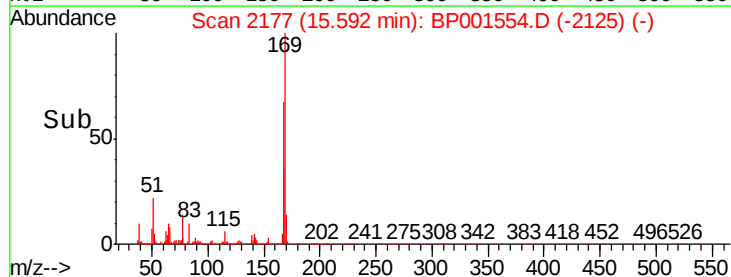
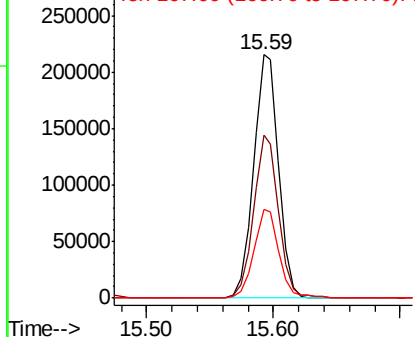


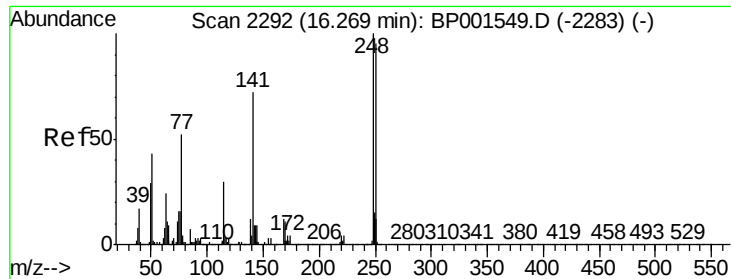
#66
 n-Nitrosodiphenylamine
 Concen: 37.133 ng
 RT: 15.59 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: BP001554.D
 Acq: 08 Jan 2020 15:02

Tgt Ion:169 Resp: 294420
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.1 79.7
 167 36.3 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

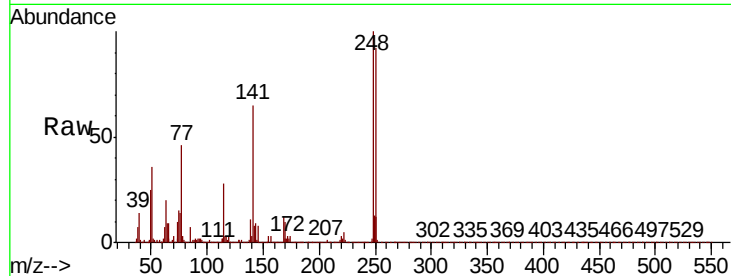




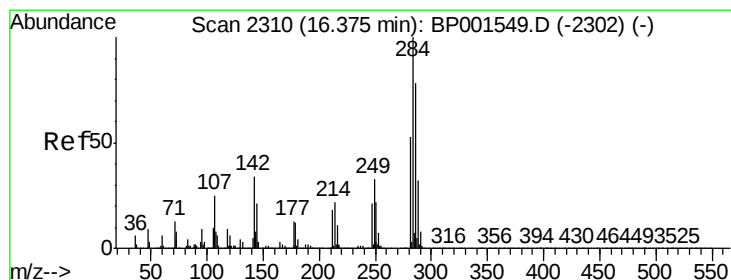
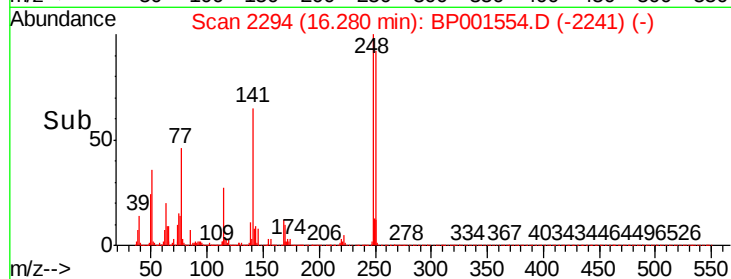
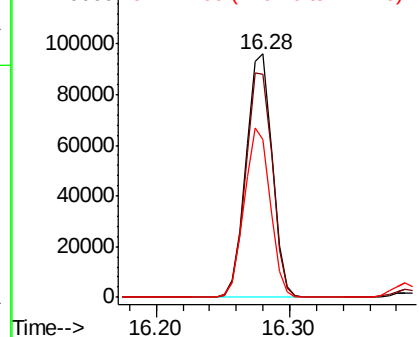
#67
4-Bromophenyl-phenylether
Concen: 38.287 ng
RT: 16.28 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 129267
Ion Ratio Lower Upper
248 100
250 91.6 76.0 114.0
141 64.7 57.8 86.8

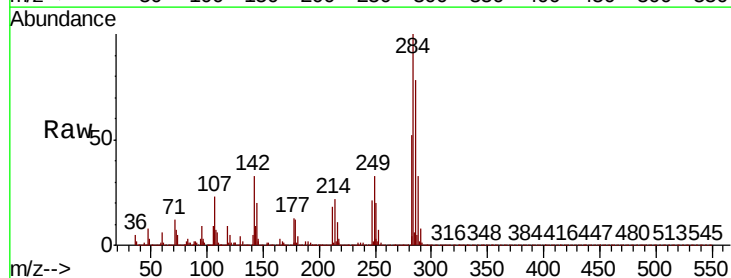


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

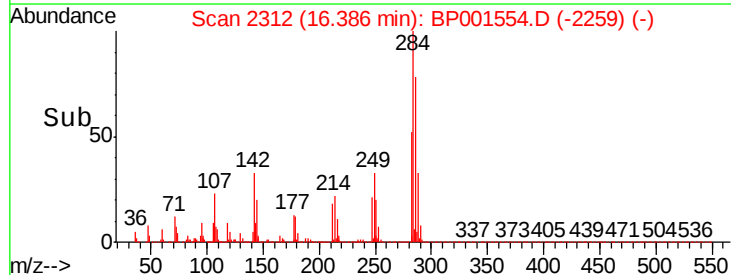
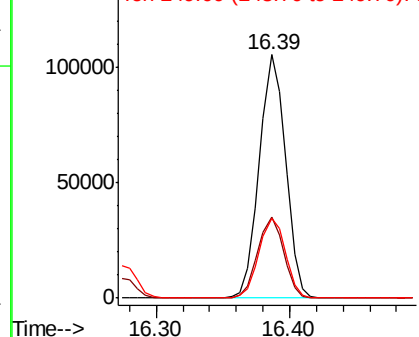


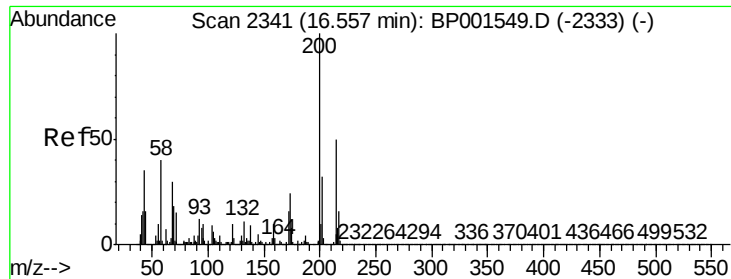
#68
Hexachlorobenzene
Concen: 36.487 ng
RT: 16.39 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:284 Resp: 143128
Ion Ratio Lower Upper
284 100
142 33.4 27.4 41.2
249 32.6 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

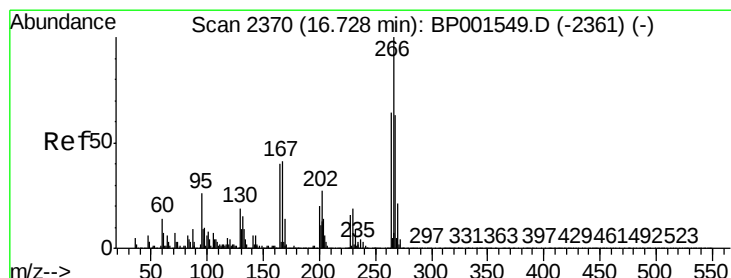
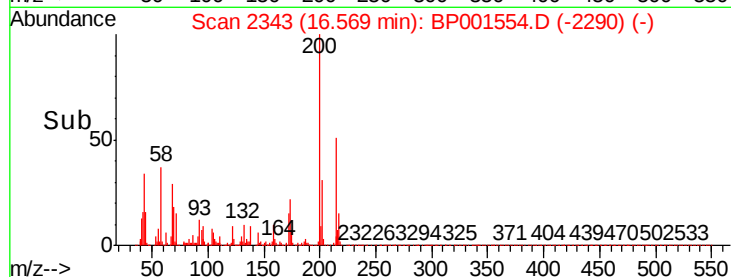
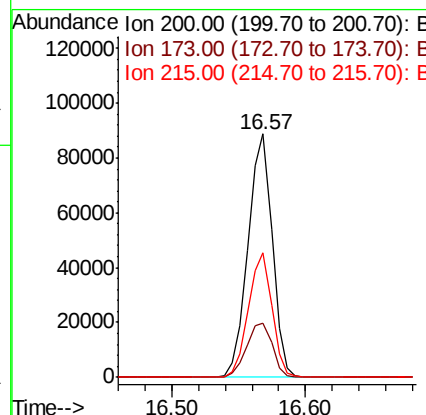
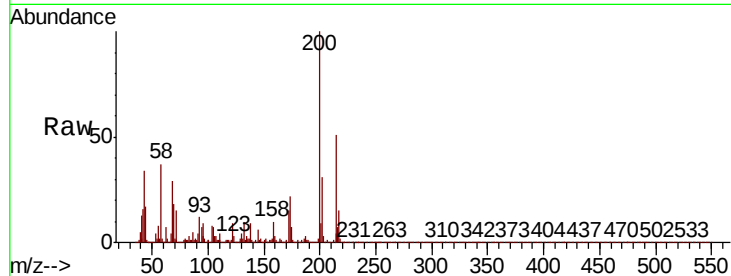




#69
Atrazine
Concen: 37.949 ng
RT: 16.57 min Scan# 2343
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

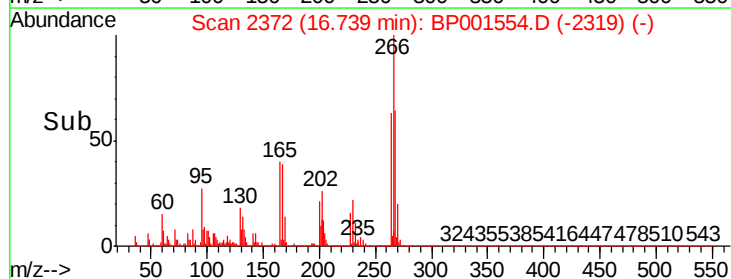
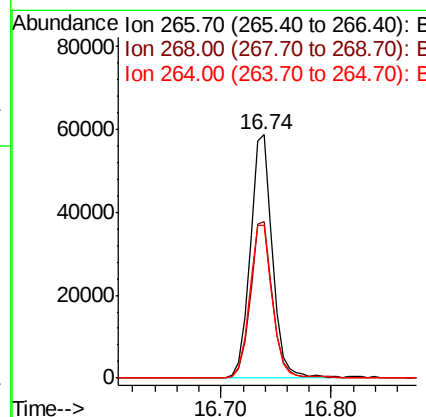
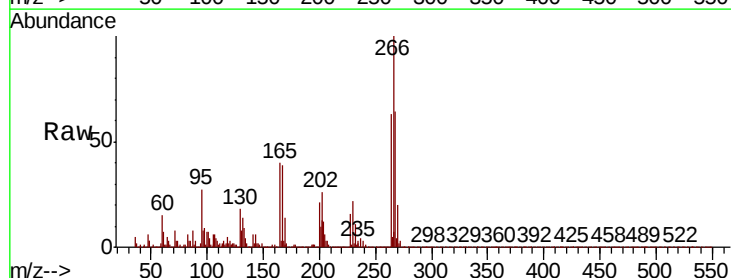
Instrument :
BNA_P
ClientSampleId :

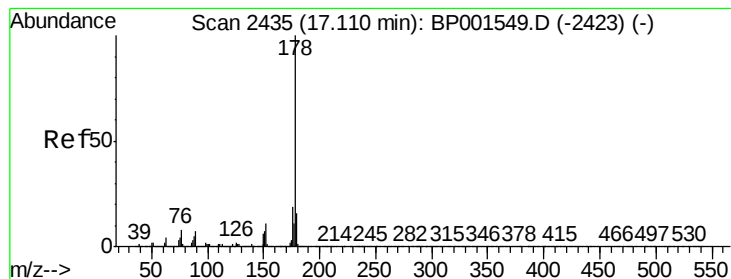
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	3.5	43.5
215	51.1	30.4	70.4



#70
Pentachlorophenol
Concen: 38.201 ng
RT: 16.74 min Scan# 2372
Delta R.T. 0.01 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.5	75.7
264	62.7	50.9	76.3





#71

Phenanthrene

Concen: 36.319 ng

RT: 17.12 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampled :

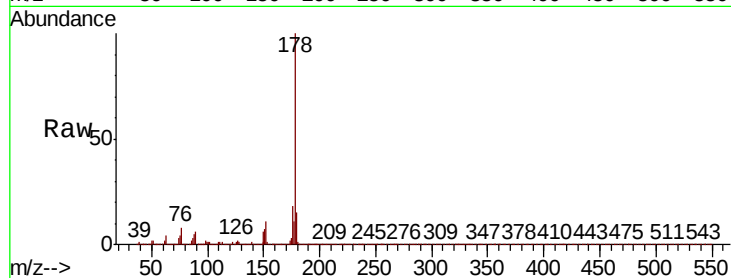
Tot Ion:178 Resp: 591133

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.1 12.5 18.7

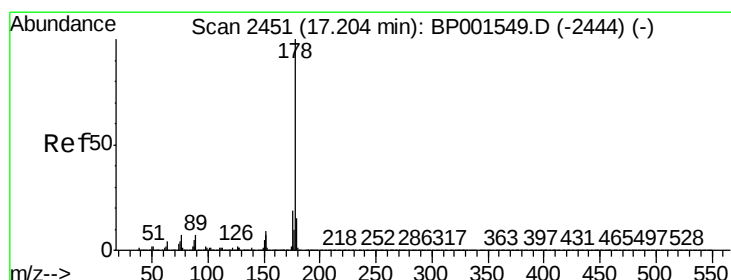
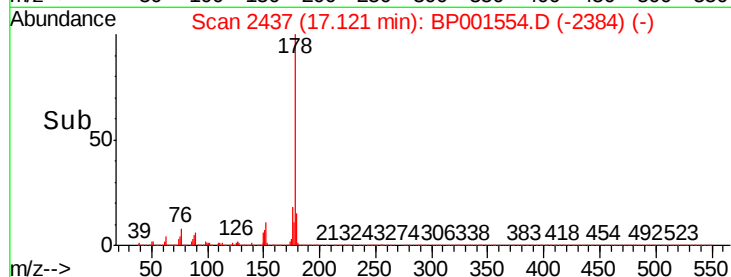
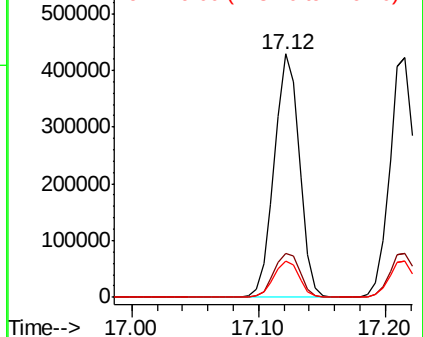


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.773 ng

RT: 17.22 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

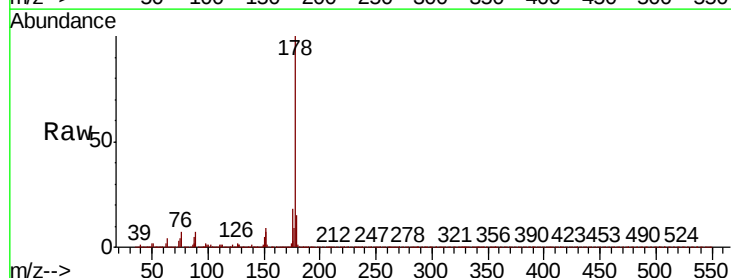
Tgt Ion:178 Resp: 582653

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.6

179 14.9 11.8 17.8

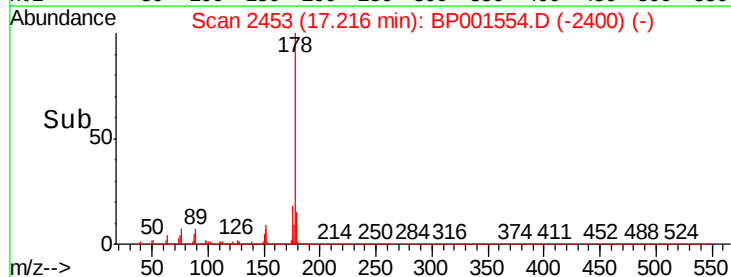
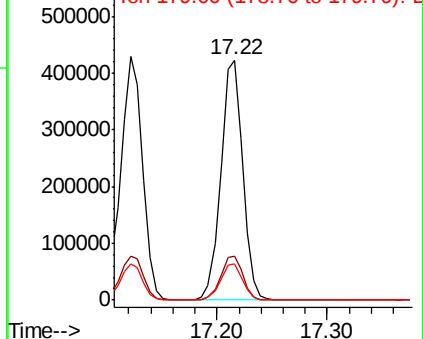


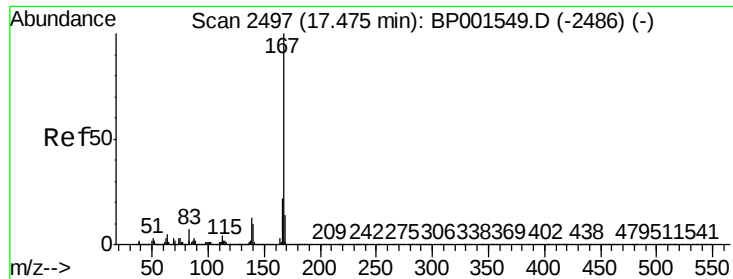
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

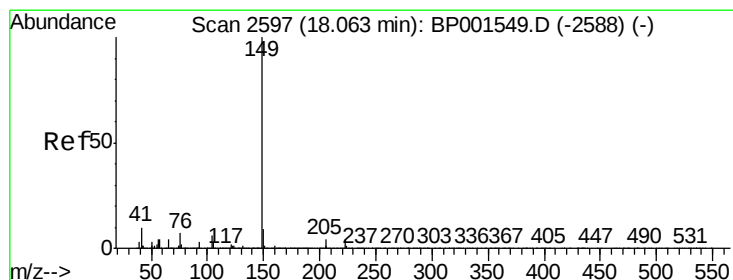
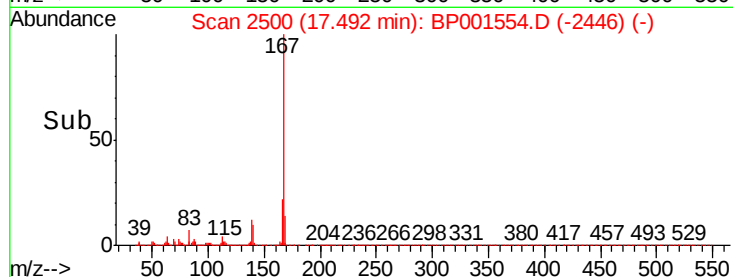
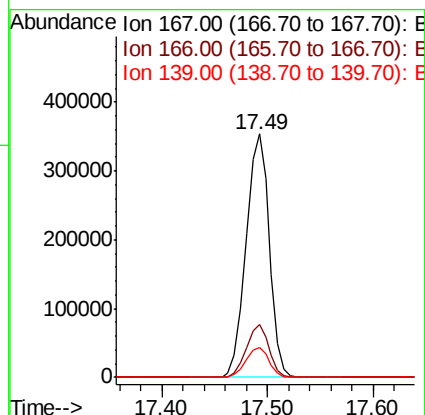
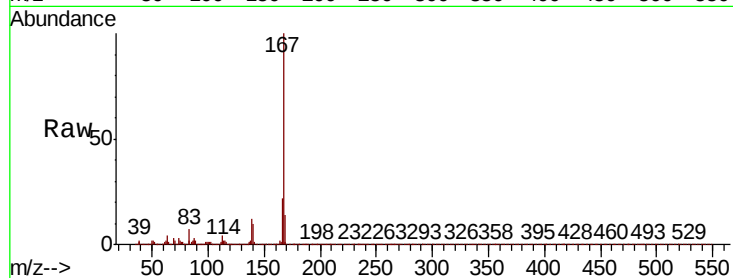




#73
 Carbazole
 Concen: 36.176 ng
 RT: 17.49 min Scan# 2500
 Delta R.T. 0.02 min
 Lab File: BP001554.D
 Acq: 08 Jan 2020 15:02

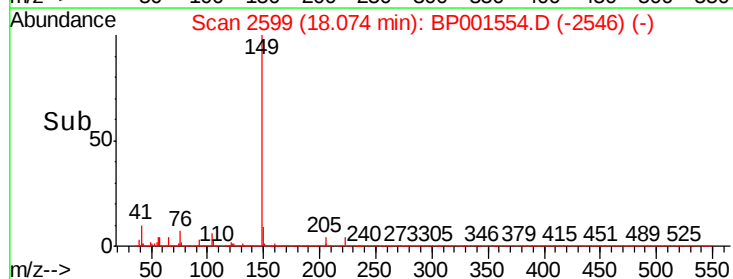
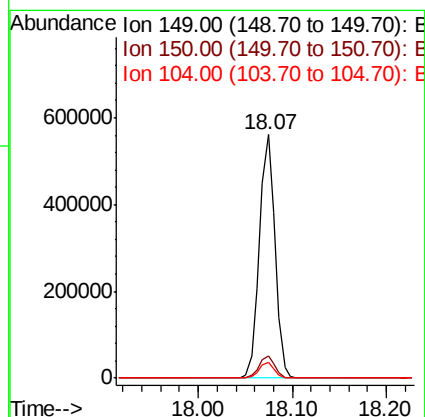
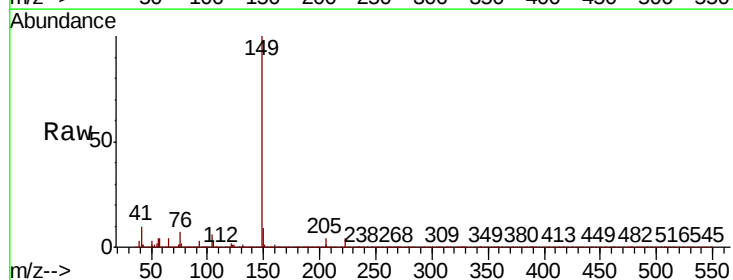
Instrument :
 BNA_P
 ClientSampleId :

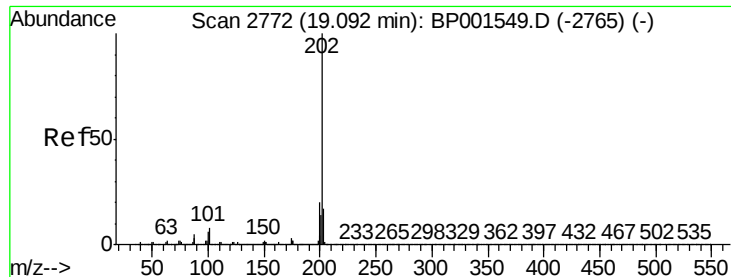
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 36.620 ng
 RT: 18.07 min Scan# 2599
 Delta R.T. 0.01 min
 Lab File: BP001554.D
 Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 35.762 ng

RT: 19.10 min Scan# 2774

Delta R.T. 0.01 min

Lab File: BP001554.D

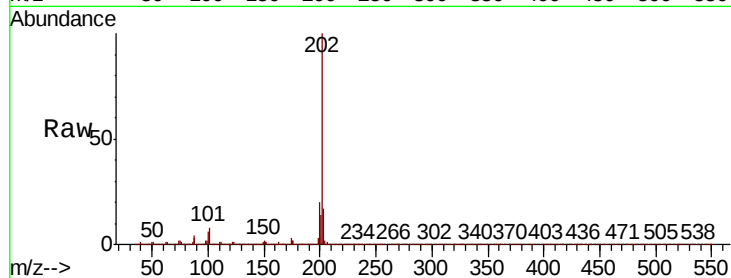
Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampleId :

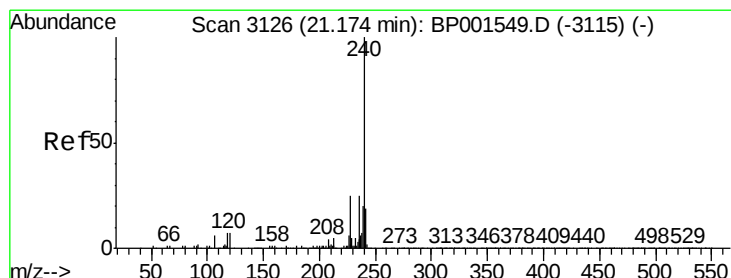
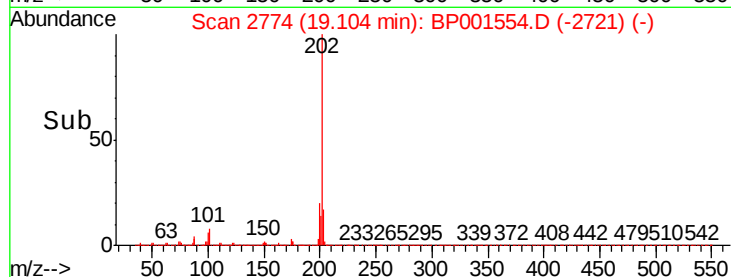
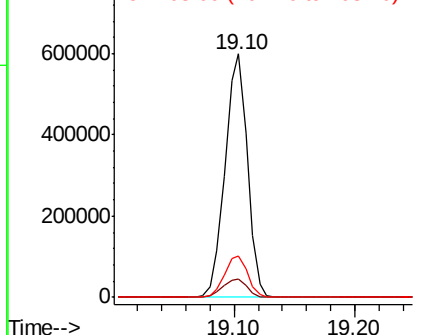
Tot Ion:	202	Resp:	765900
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	28.4
203	16.9	0.0	37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

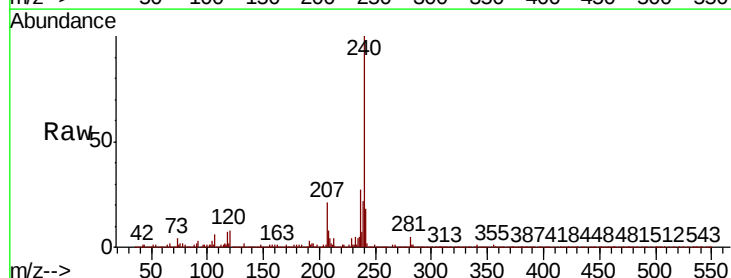
RT: 21.19 min Scan# 3129

Delta R.T. 0.02 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

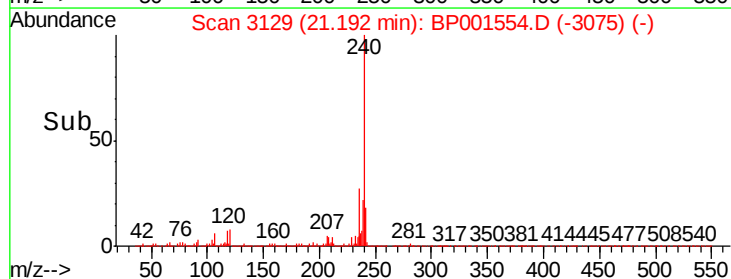
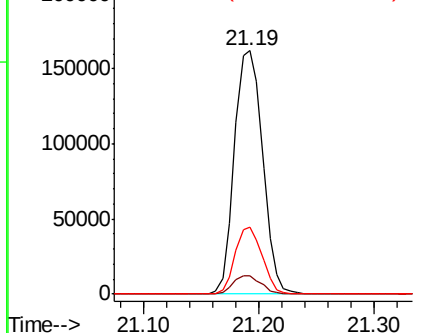
Tgt Ion:	240	Resp:	274376
Ion Ratio	Lower	Upper	
240	100		
120	7.6	5.7	8.5
236	27.4	20.4	30.6



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





#77

Benzidine

Concen: 41.709 ng

RT: 19.29 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

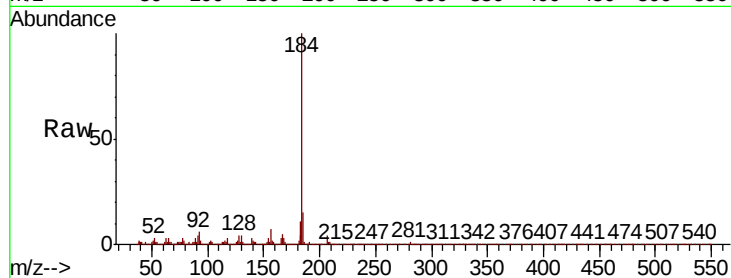
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 261307

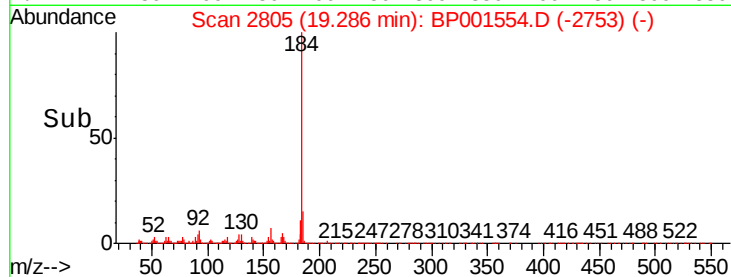
Ion	Ratio	Lower	Upper
184	100		
185	14.8	10.6	16.0
183	11.5	9.4	14.0



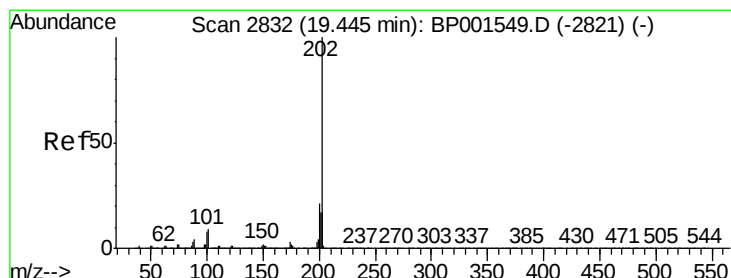
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 38.318 ng

RT: 19.46 min Scan# 2834

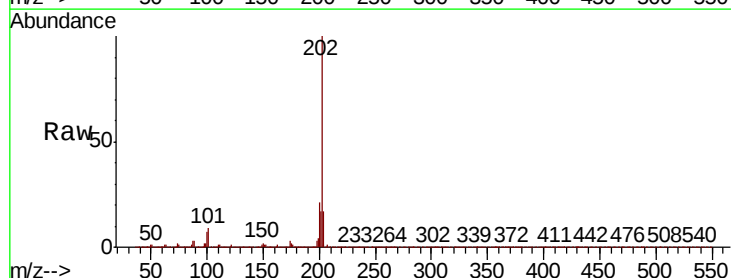
Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Tgt Ion:202 Resp: 772315

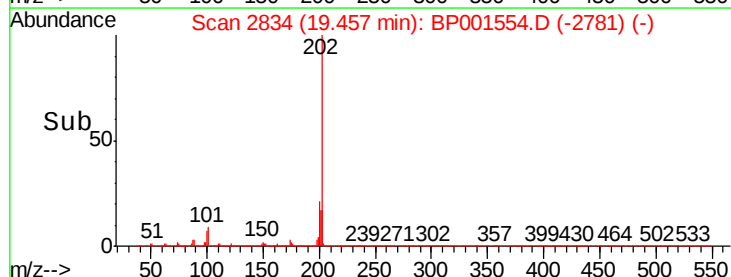
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.2	13.7	20.5



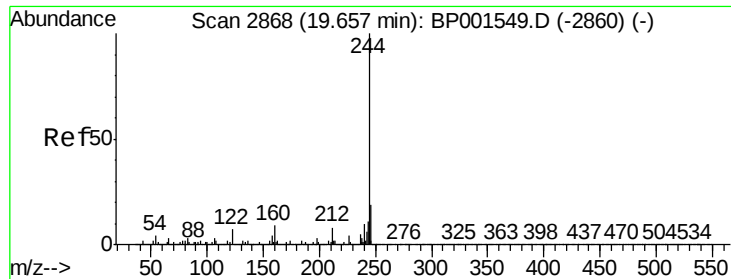
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 77.417 ng

RT: 19.67 min Scan# 2870

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampleId :

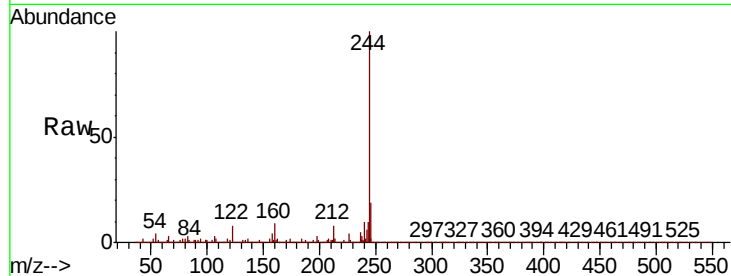
Tot Ion:244 Resp: 1161337

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

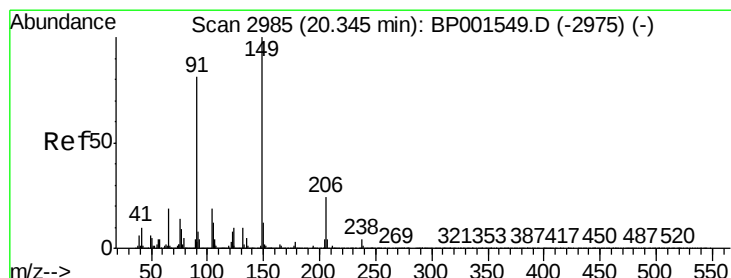
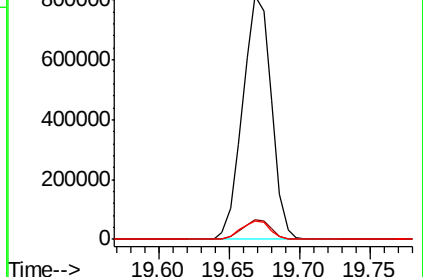
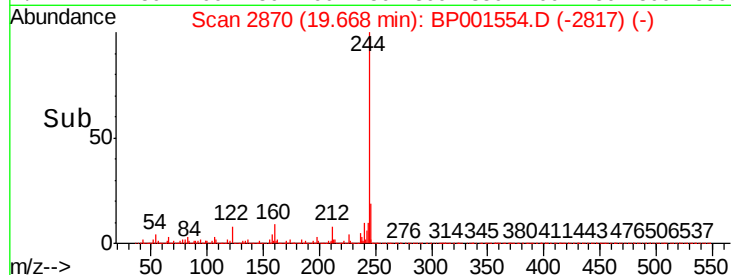
122 7.6 5.8 8.6



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



#80

Butylbenzylphthalate

Concen: 38.565 ng

RT: 20.36 min Scan# 2987

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

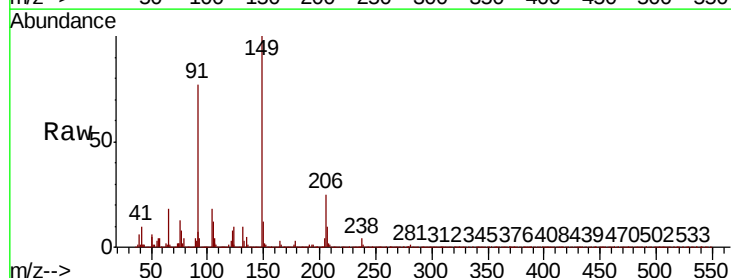
Tgt Ion:149 Resp: 295425

Ion Ratio Lower Upper

149 100

91 77.4 64.8 97.2

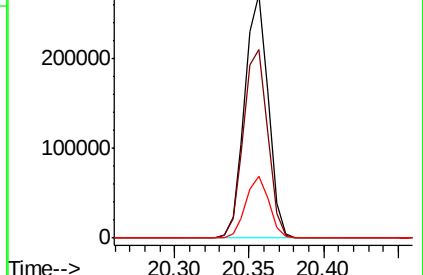
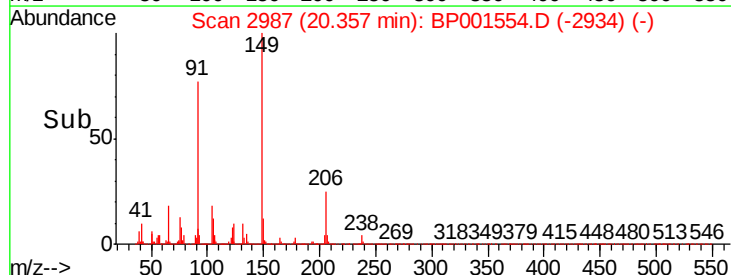
206 25.4 19.4 29.0

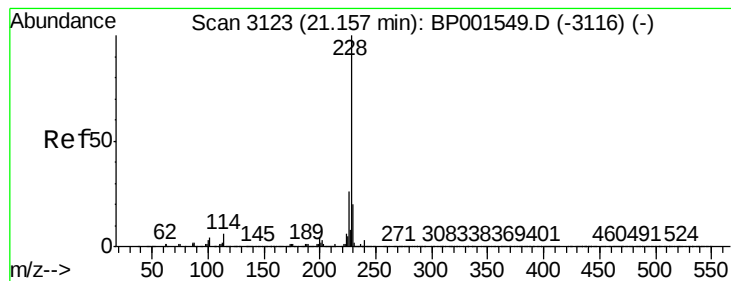


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.325 ng

RT: 21.17 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

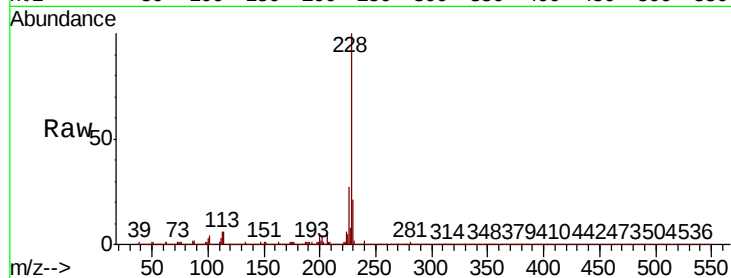
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 713227

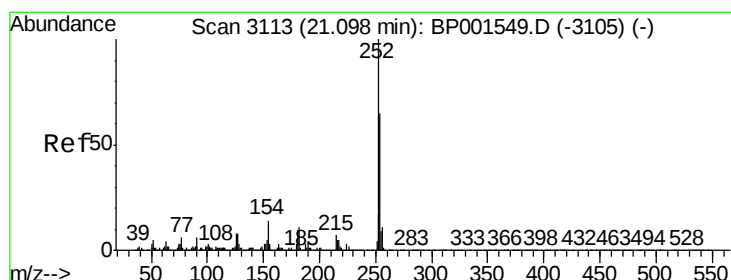
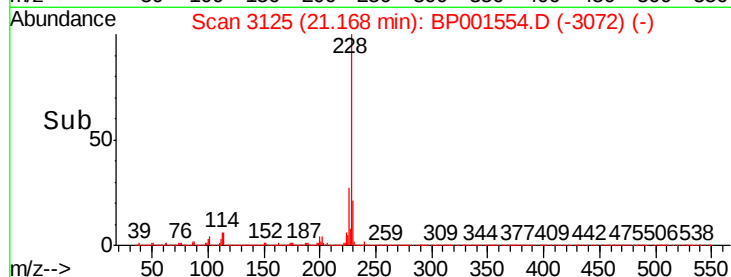
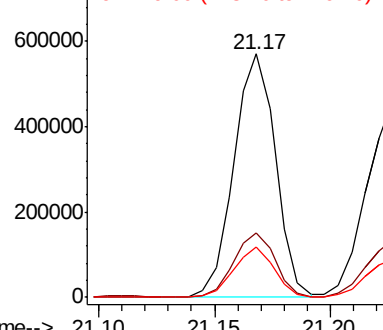
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.2	31.8
229	20.6	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.885 ng

RT: 21.11 min Scan# 3115

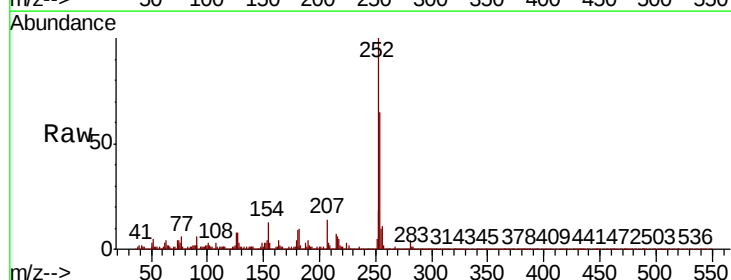
Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Tgt Ion:252 Resp: 257133

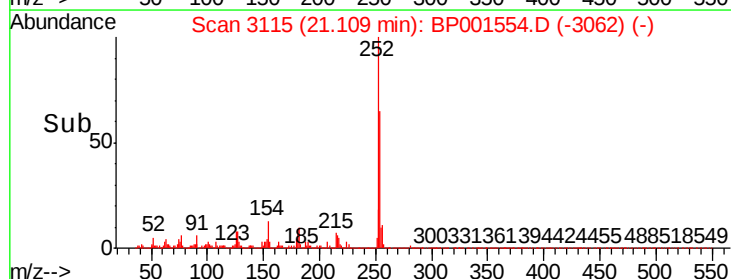
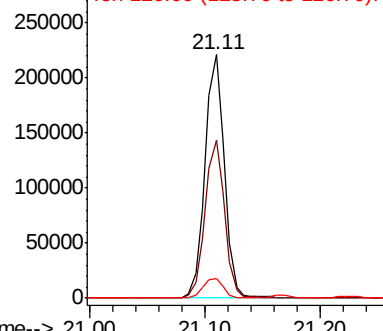
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.2	78.2
126	8.3	6.6	9.8

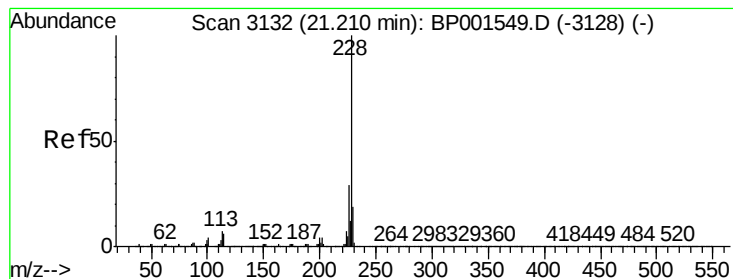


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.493 ng

RT: 21.23 min Scan# 3135

Delta R.T. 0.02 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

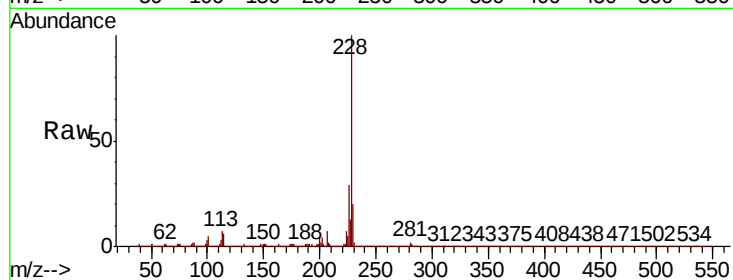
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 698204

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.2	34.8
229	20.0	15.2	22.8

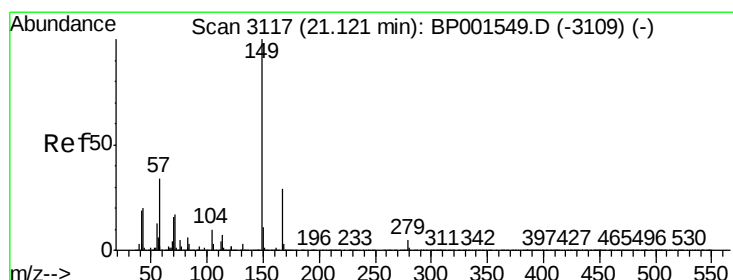
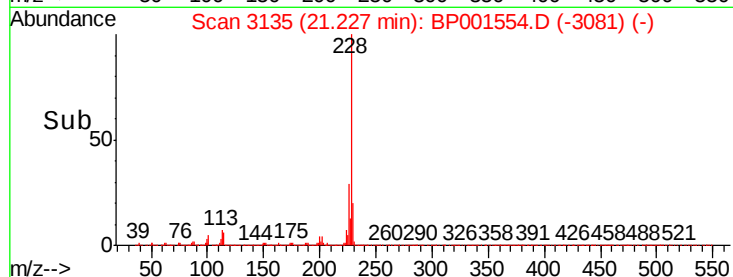
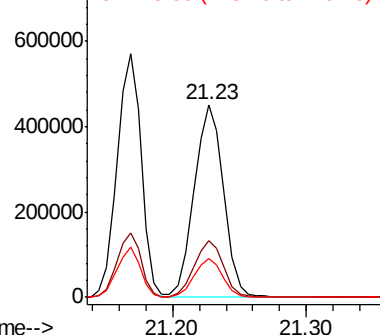


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.724 ng

RT: 21.13 min Scan# 3119

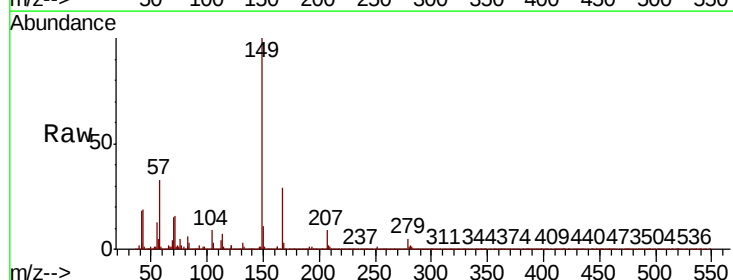
Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Tgt Ion:149 Resp: 396150

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.5	35.3
279	5.3	4.0	6.0

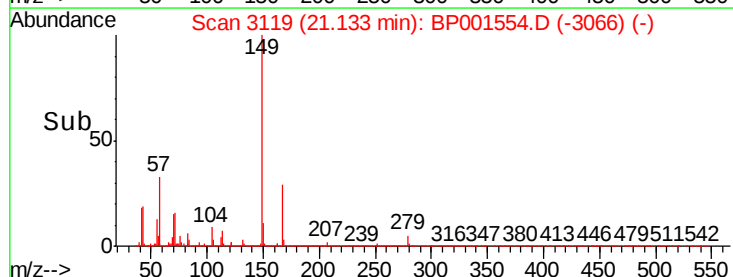
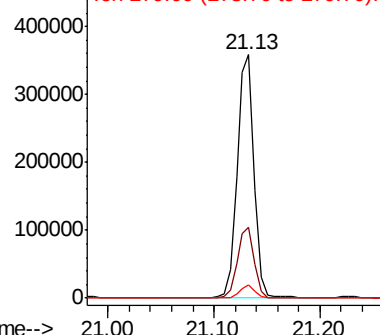


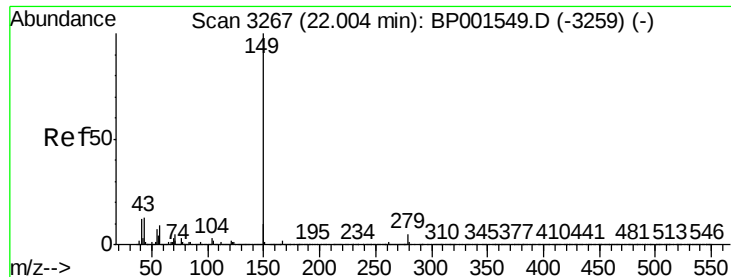
Abundance

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





#85

Di-n-octyl phthalate

Concen: 36.737 ng

RT: 22.02 min Scan# 3269

Delta R.T. 0.01 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampleId :

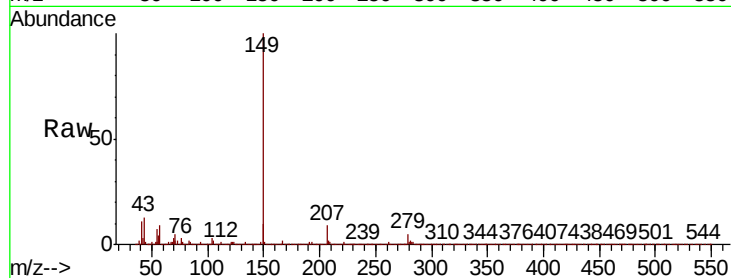
Tot Ion:149 Resp: 615142

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

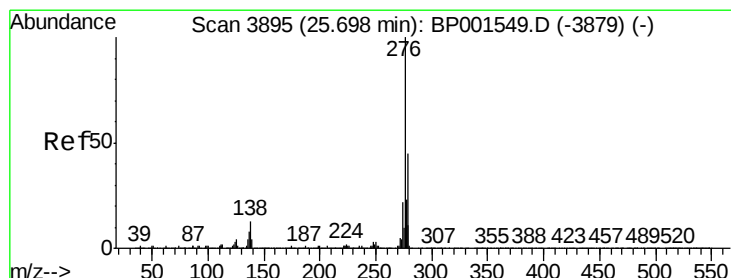
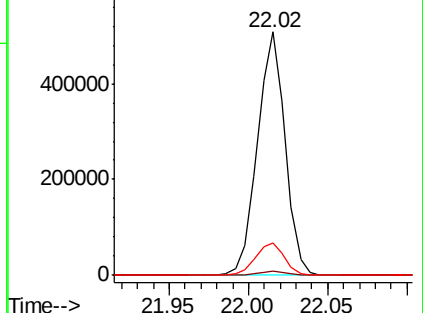
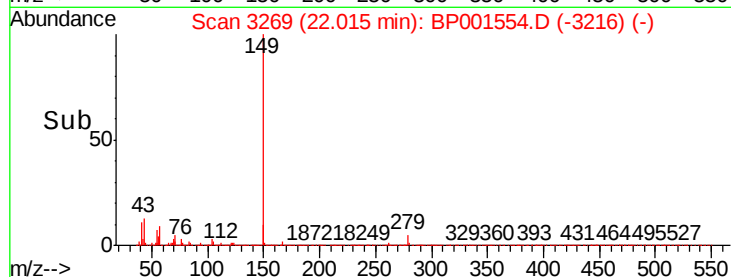
43 13.6 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.698 ng

RT: 25.74 min Scan# 3902

Delta R.T. 0.04 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

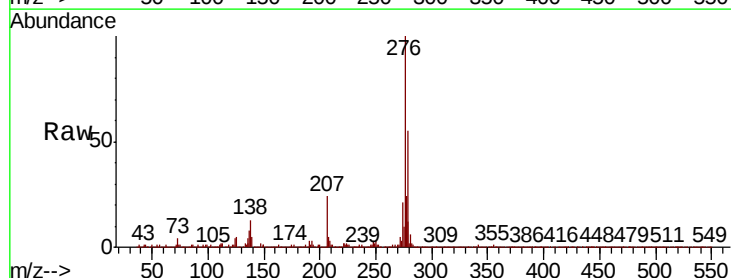
Tgt Ion:276 Resp: 756376

Ion Ratio Lower Upper

276 100

138 14.5 11.1 16.7

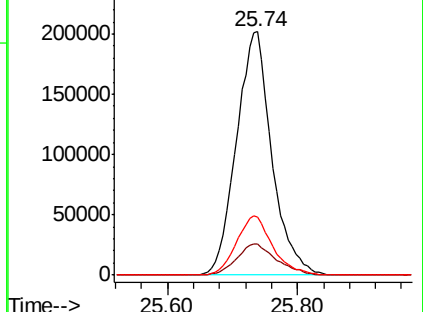
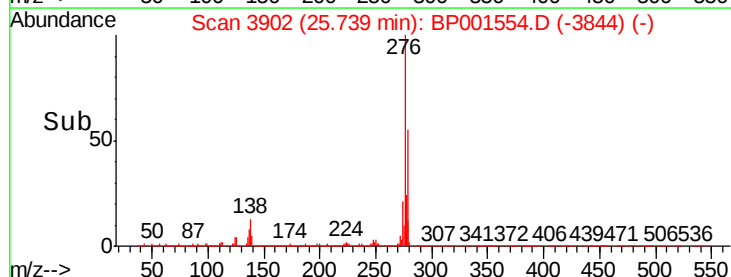
277 25.0 20.4 30.6

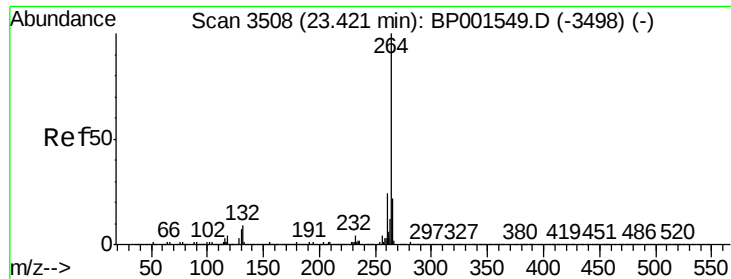


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

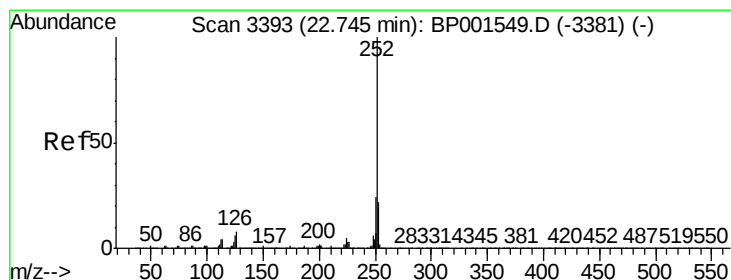
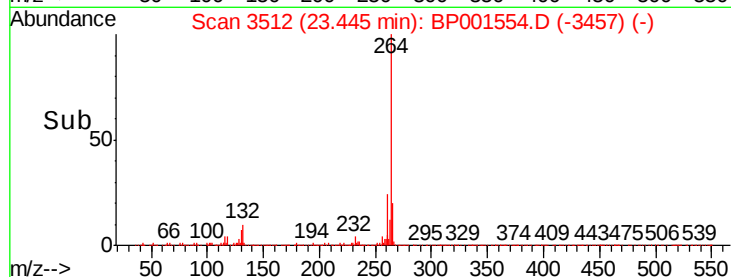
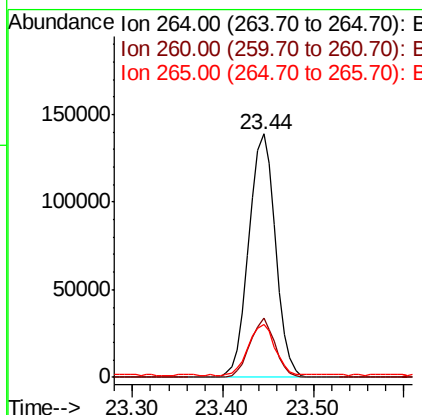
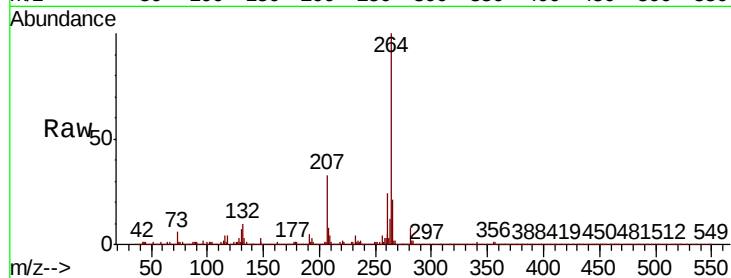




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3512
Delta R.T. 0.02 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

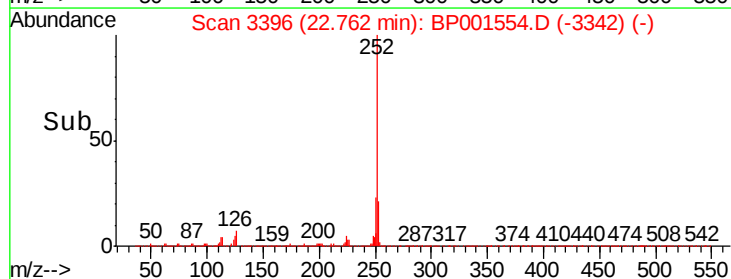
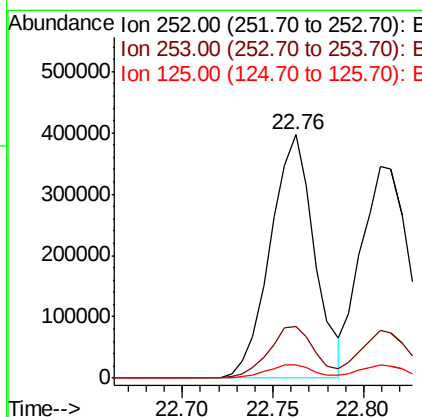
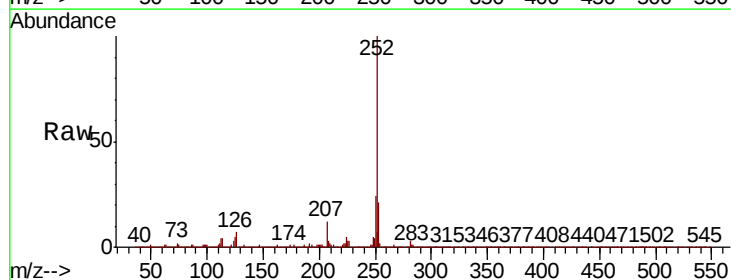
Instrument :
BNA_P
ClientSampleId :

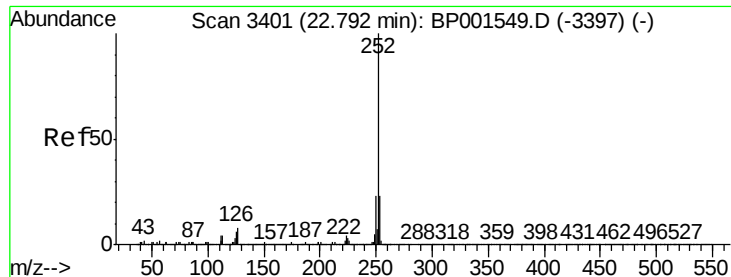
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.5	18.2	27.4



#88
Benzo(b)fluoranthene
Concen: 37.677 ng
RT: 22.76 min Scan# 3396
Delta R.T. 0.02 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	5.5	4.6	7.0

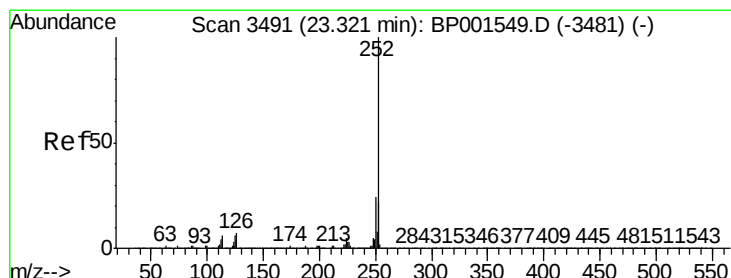
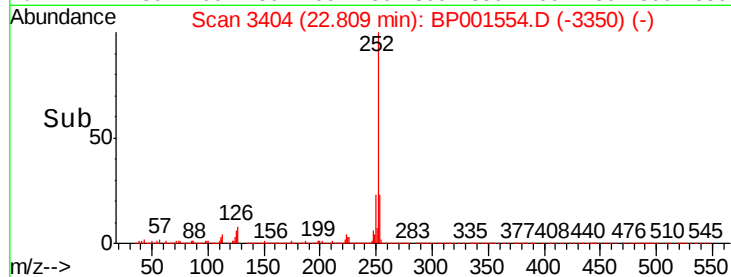
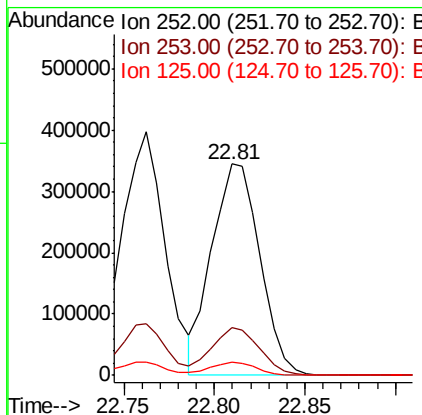
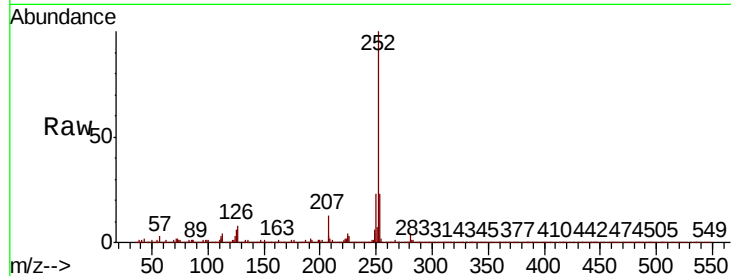




#89
Benzo(k)fluoranthene
Concen: 36.424 ng
RT: 22.81 min Scan# 3404
Delta R.T. 0.02 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

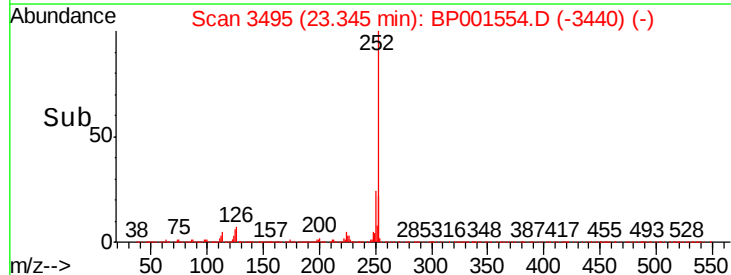
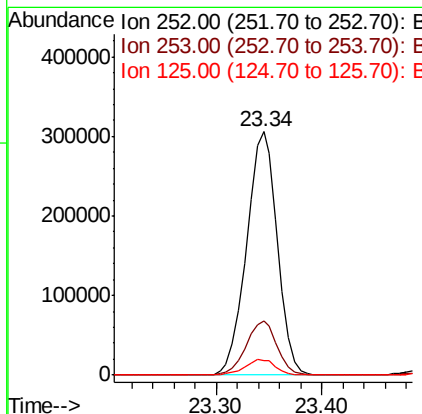
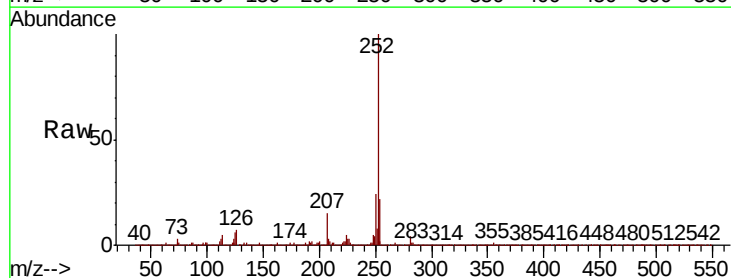
Instrument :
BNA_P
ClientSampled :

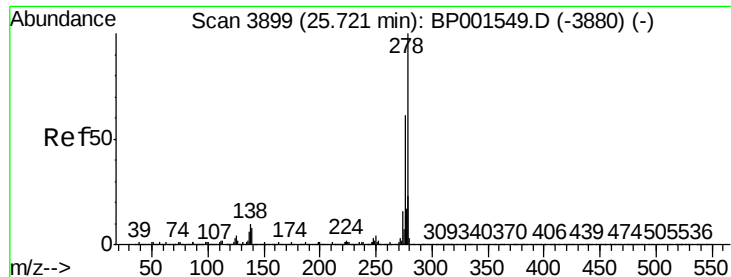
Tot Ion:252 Resp: 634880
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 6.1 4.6 6.8



#90
Benzo(a)pyrene
Concen: 36.354 ng
RT: 23.34 min Scan# 3495
Delta R.T. 0.02 min
Lab File: BP001554.D
Acq: 08 Jan 2020 15:02

Tgt Ion:252 Resp: 617071
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 6.1 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 35.744 ng

RT: 25.76 min Scan# 3905

Delta R.T. 0.04 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

Instrument :

BNA_P

ClientSampleId :

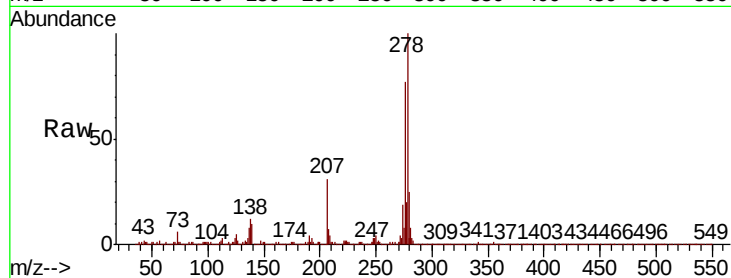
Tot Ion:278 Resp: 625986

Ion Ratio Lower Upper

278 100

139 9.5 6.7 10.1

279 24.6 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

200000

150000

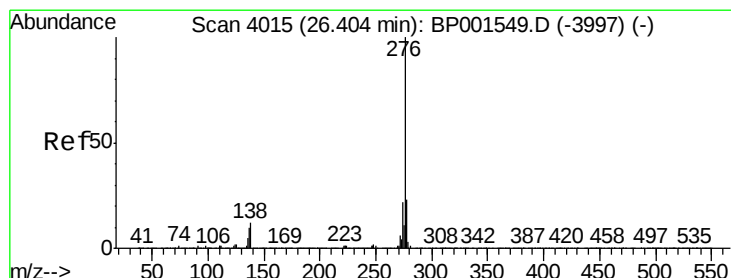
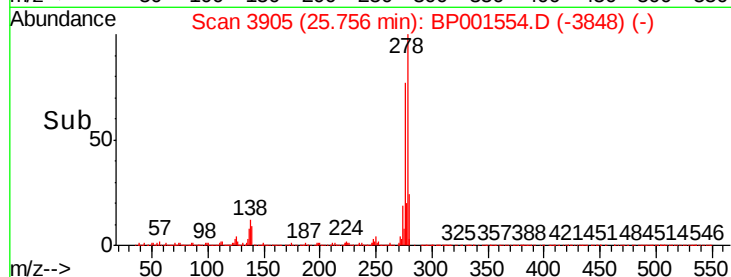
100000

50000

0

25.60 25.76 25.80

Time-->



#92

Benzo(g,h,i)perylene

Concen: 35.159 ng

RT: 26.44 min Scan# 4022

Delta R.T. 0.04 min

Lab File: BP001554.D

Acq: 08 Jan 2020 15:02

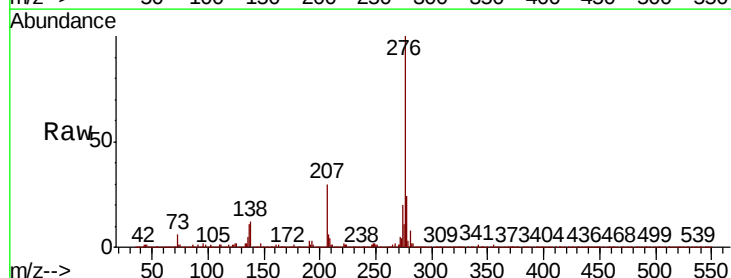
Tgt Ion:276 Resp: 612114

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 12.4 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

200000

150000

100000

50000

0

26.20 26.44 26.60

Time-->

