

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
 Data File : BP003265.D
 Acq On : 11 Sep 2020 17:51
 Operator : CG/JU
 Sample : L3943-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 357MSD

Quant Time: Sep 11 18:49:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	196948	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	721497	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	377475	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	643189	20.00	ng	0.00
76) Chrysene-d12	21.14	240	538078	20.00	ng	0.00
86) Perylene-d12	23.37	264	721488	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1032396	92.68	ng	0.00
7) Phenol-d6	6.85	99	1189260	85.17	ng	0.01
23) Nitrobenzene-d5	8.80	82	729745	72.91	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	446425	87.44	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1865855	72.39	ng	0.00
79) Terphenyl-d14	19.62	244	1685573	68.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	159639	37.486	ng	99
3) Pyridine	3.57	79	408389	36.438	ng	98
4) n-Nitrosodimethylamine	3.49	42	136983	46.805	ng	95
6) Aniline	6.98	93	412666	27.143	ng	99
8) 2-Chlorophenol	7.22	128	533200	42.935	ng	99
9) Benzaldehyde	6.79	77	212101	32.579	ng	97
10) Phenol	6.87	94	554195	42.825	ng	97
11) bis(2-Chloroethyl)ether	7.08	93	427792	41.766	ng	99
12) 1,3-Dichlorobenzene	7.53	146	617527	40.896	ng	98
13) 1,4-Dichlorobenzene	7.68	146	626380	41.090	ng	99
14) 1,2-Dichlorobenzene	7.99	146	595262	41.188	ng	99
15) Benzyl Alcohol	7.89	79	350492	44.548	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	355670	40.976	ng	98
17) 2-Methylphenol	8.10	107	385823	41.851	ng	99
18) Hexachloroethane	8.72	117	210705	42.250	ng	99
19) n-Nitroso-di-n-propylamine	8.45	70	255610	40.515	ng	98
20) 3+4-Methylphenols	8.43	107	496216	39.949	ng	98
22) Acetophenone	8.46	105	649556	40.426	ng	# 99
24) Nitrobenzene	8.84	77	430587	43.803	ng	99
25) Isophorone	9.36	82	776046	43.948	ng	100
26) 2-Nitrophenol	9.55	139	286368	48.877	ng	98
27) 2,4-Dimethylphenol	9.62	122	422758	47.999	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	518947	39.457	ng	99
29) 2,4-Dichlorophenol	10.09	162	464275	42.487	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	535829	41.183	ng	100
31) Naphthalene	10.48	128	1527251	41.201	ng	100
32) Benzoic acid	9.80	122	212387	34.325	ng	96
33) 4-Chloroaniline	10.59	127	203935	13.167	ng	98
34) Hexachlorobutadiene	10.77	225	334264	42.808	ng	100
35) Caprolactam	11.36	113	118665	36.137	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	407051	39.896	ng	97
37) 2-Methylnaphthalene	12.10	142	1053911	39.745	ng	99
38) 1-Methylnaphthalene	12.32	142	966104	38.332	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	529184	47.299	ng	100

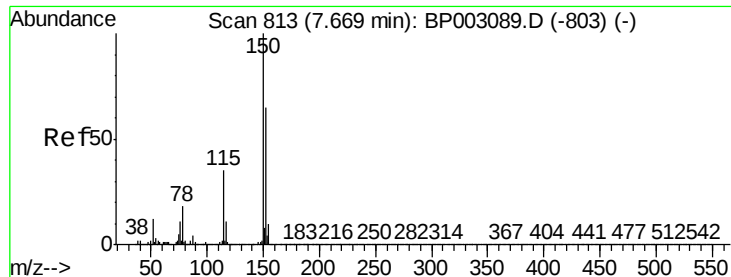
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	457440	86.493	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	329961	44.853	ng	99
44) 2,4,5-Trichlorophenol	12.81	196	342260	43.984	ng	99
46) 1,1'-Biphenyl	13.12	154	1263827	44.637	ng	100
47) 2-Chloronaphthalene	13.16	162	977461	42.175	ng	99
48) 2-Nitroaniline	13.37	65	183730	42.340	ng	97
49) Acenaphthylene	14.01	152	1471004	41.974	ng	99
50) Dimethylphthalate	13.76	163	1436488	49.903	ng	100
51) 2,6-Dinitrotoluene	13.87	165	243848	40.759	ng	97
52) Acenaphthene	14.36	154	879623	40.856	ng	99
53) 3-Nitroaniline	14.20	138	147657	21.784	ng	99
54) 2,4-Dinitrophenol	14.42	184	171122	55.040	ng	99
55) Dibenzofuran	14.69	168	1358961	40.191	ng	98
56) 4-Nitrophenol	14.55	139	324142	66.471	ng	94
57) 2,4-Dinitrotoluene	14.67	165	314020	39.037	ng	98
58) Fluorene	15.35	166	1027804	39.460	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	268762	38.175	ng	98
60) Diethylphthalate	15.13	149	1051043	37.216	ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	519688	38.636	ng	99
62) 4-Nitroaniline	15.37	138	214913	30.845	ng	97
63) Azobenzene	15.63	77	743597	39.672	ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	143272	46.578	ng	98
66) n-Nitrosodiphenylamine	15.56	169	884510	47.031	ng	100
67) 4-Bromophenyl-phenylether	16.24	248	327683	46.162	ng	99
68) Hexachlorobenzene	16.36	284	382109	45.213	ng	98
69) Atrazine	16.52	200	214432	33.805	ng	98
70) Pentachlorophenol	16.71	266	314361	77.785	ng	98
71) Phenanthrene	17.09	178	1465636	42.053	ng	100
72) Anthracene	17.18	178	1470749	44.093	ng	100
73) Carbazole	17.46	167	1256994	39.266	ng	99
74) Di-n-butylphthalate	18.02	149	1536127	40.820	ng	100
75) Fluoranthene	19.07	202	1479497	36.729	ng	100
77) Benzidine	19.25	184	534743	43.483	ng	99
78) Pyrene	19.42	202	1489778	42.659	ng	100
80) Butylbenzylphthalate	20.30	149	599826	41.716	ng	99
81) Benzo(a)anthracene	21.13	228	1397936	41.476	ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	468648	37.801	ng	99
83) Chrysene	21.18	228	1376739	42.662	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	874611	42.119	ng	100
85) Di-n-octyl phthalate	21.93	149	1585215	44.525	ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	2534007	47.096	ng	99
88) Benzo(b)fluoranthene	22.70	252	1830902	40.829	ng	100
89) Benzo(k)fluoranthene	22.75	252	1687486	39.386	ng	99
90) Benzo(a)pyrene	23.28	252	1702610	40.926	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2101852	47.554	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2199905	49.596	ng	99

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

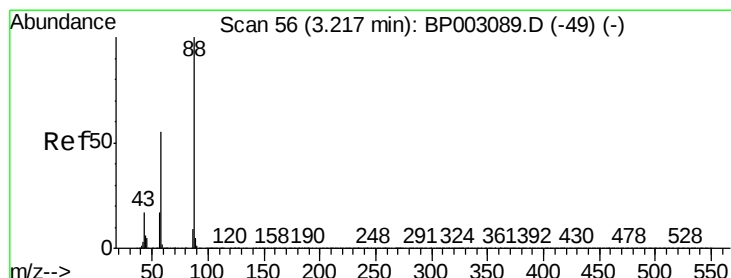
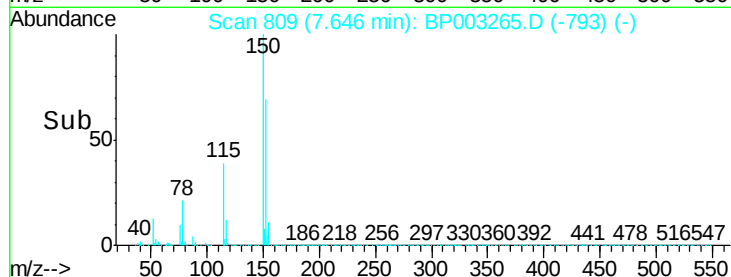
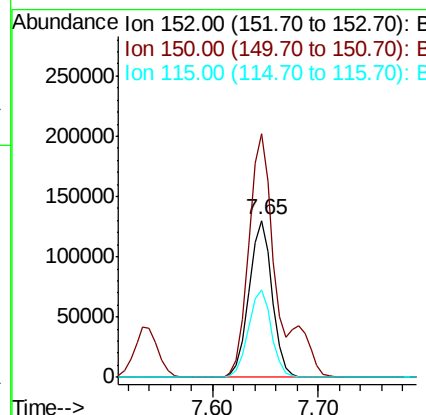
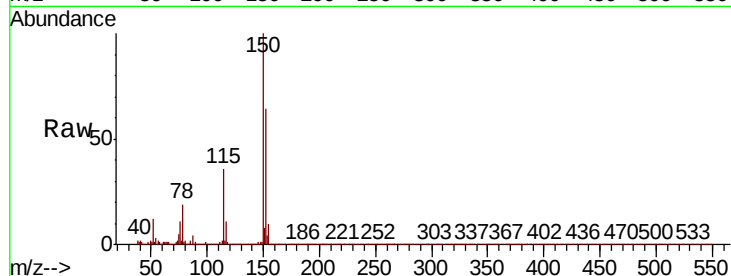


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Instrument :
BNA_P
ClientSampleId :
357MSD

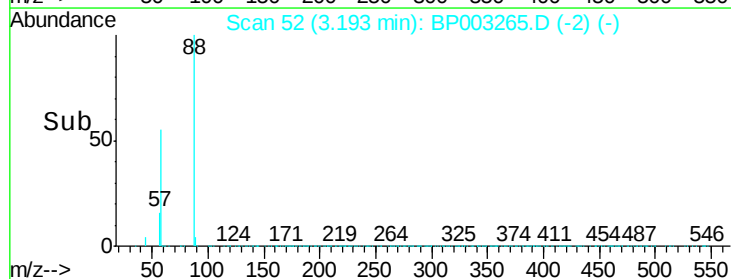
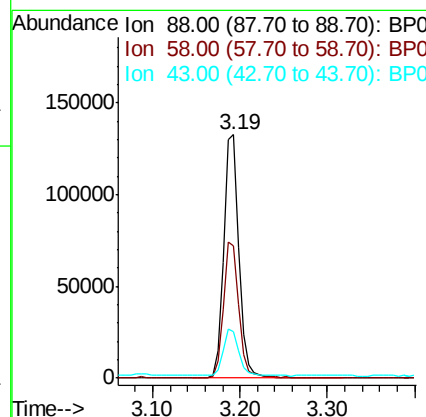
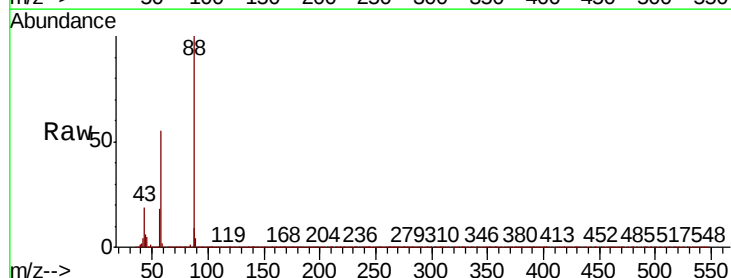
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.6
115	56.0	43.8	65.6

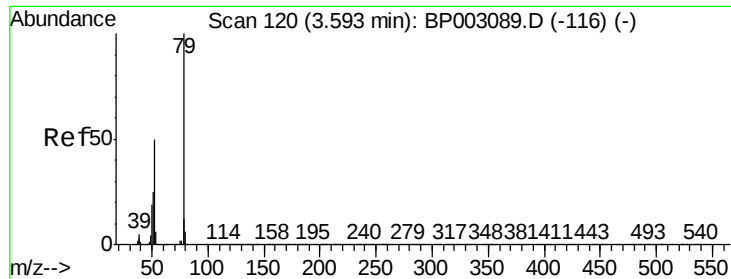


#2

1,4-Dioxane
Concen: 37.486 ng
RT: 3.19 min Scan# 52
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	44.2	66.4
43	19.2	15.2	22.8





#3

Pvridine

Concen: 36.438 ng

RT: 3.57 min Scan# 116

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

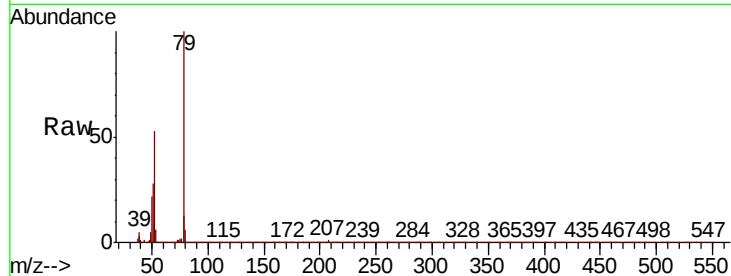
Tot Ion: 79 Resp: 408389

Ion Ratio Lower Upper

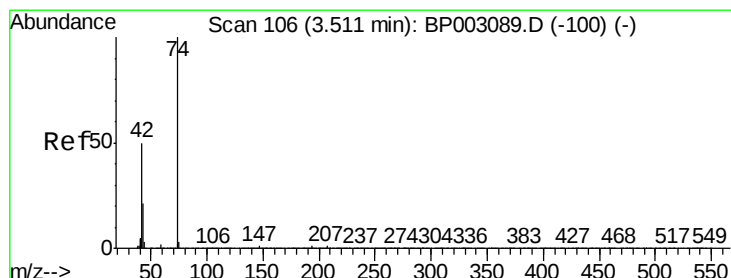
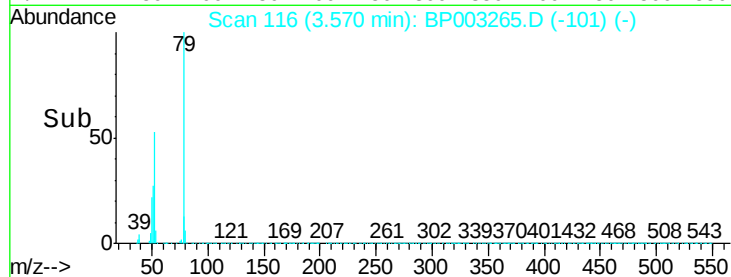
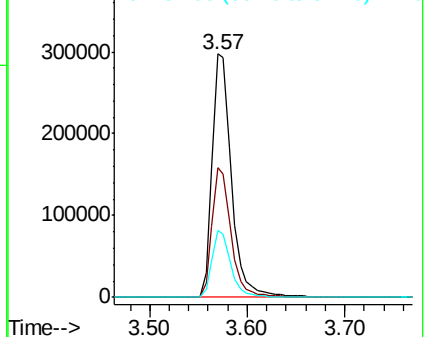
79 100

52 53.4 41.3 61.9

51 27.6 21.2 31.8



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: 46.805 ng

RT: 3.49 min Scan# 102

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

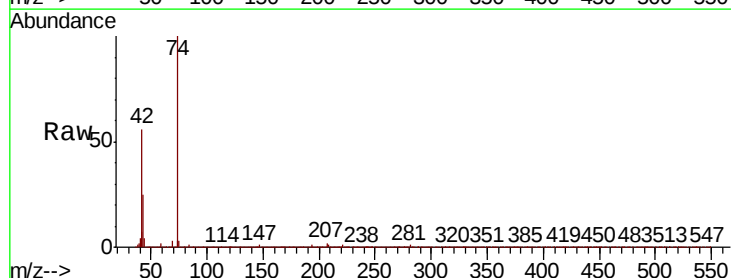
Tgt Ion: 42 Resp: 136983

Ion Ratio Lower Upper

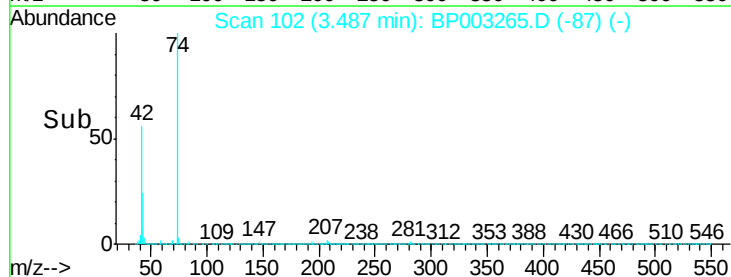
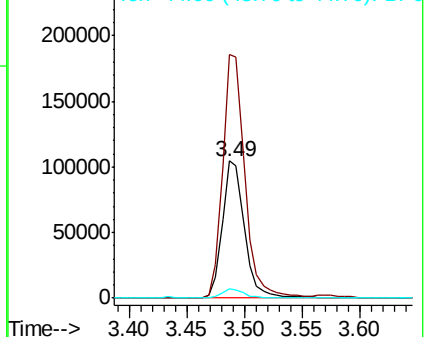
42 100

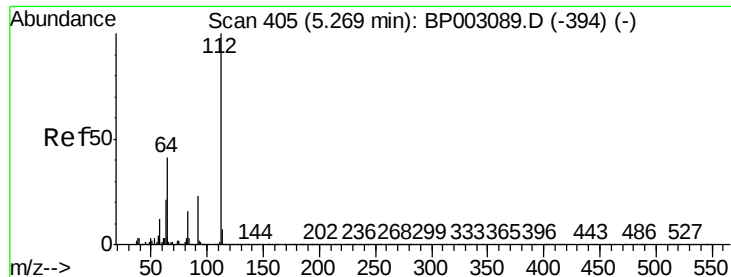
74 177.8 148.6 223.0

44 6.6 5.3 7.9



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: 92.679 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

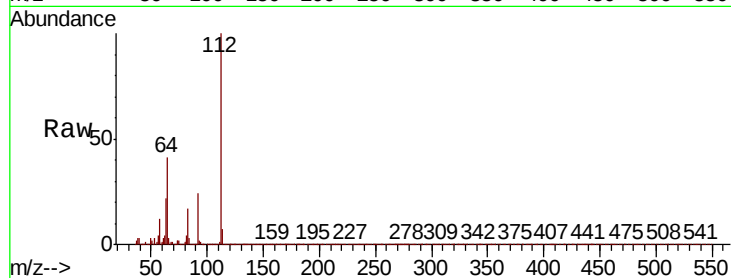
Tot Ion:112 Resp: 1032396

Ion Ratio Lower Upper

112 100

64 41.4 32.8 49.2

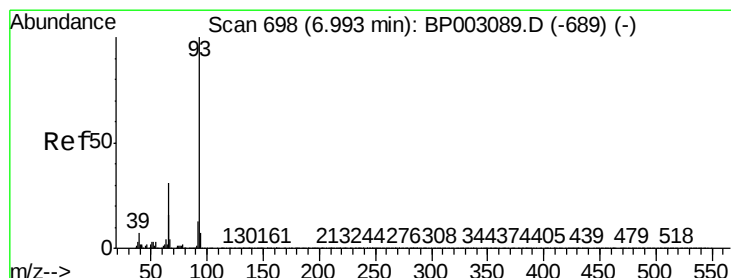
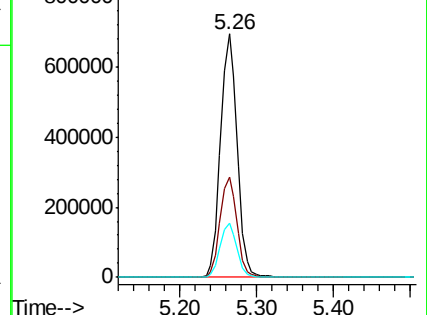
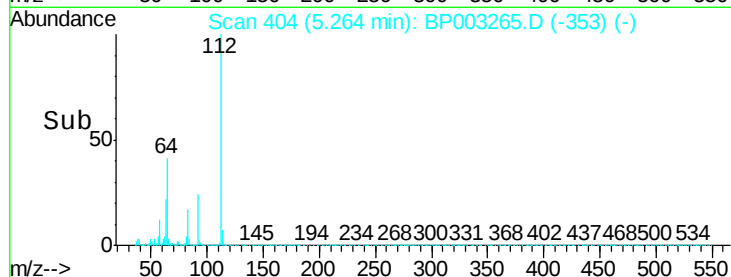
63 22.0 17.0 25.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 27.143 ng

RT: 6.98 min Scan# 695

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

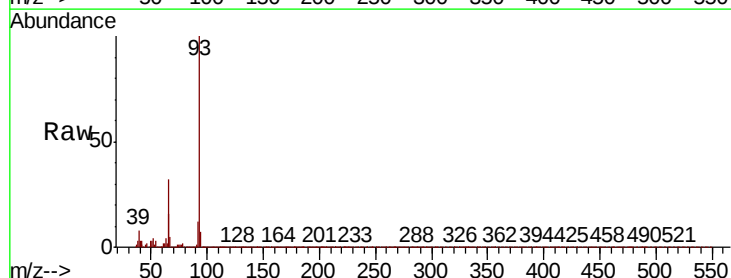
Tgt Ion: 93 Resp: 412666

Ion Ratio Lower Upper

93 100

66 32.3 25.4 38.0

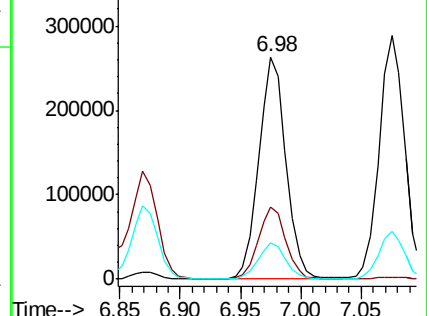
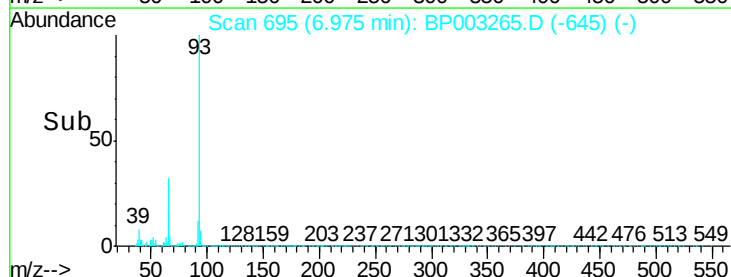
65 16.5 12.5 18.7

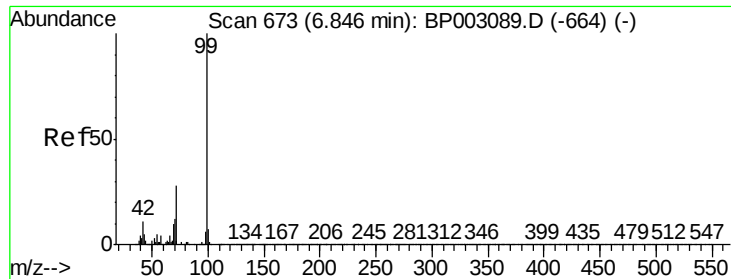


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 85.166 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

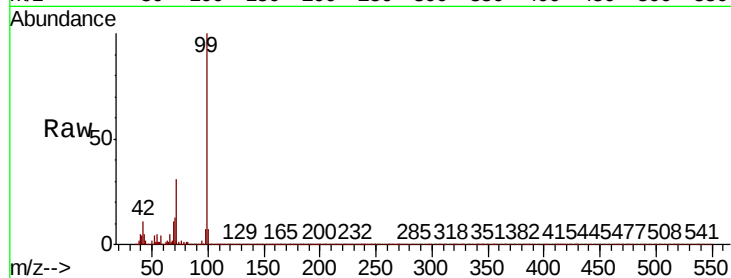
BNA_P

ClientSampleId :

357MSD

Tot Ion: 99 Resp: 1189260

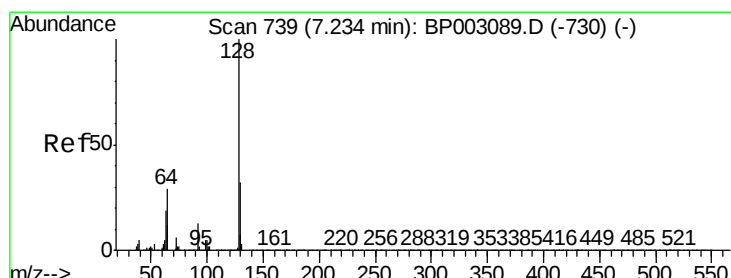
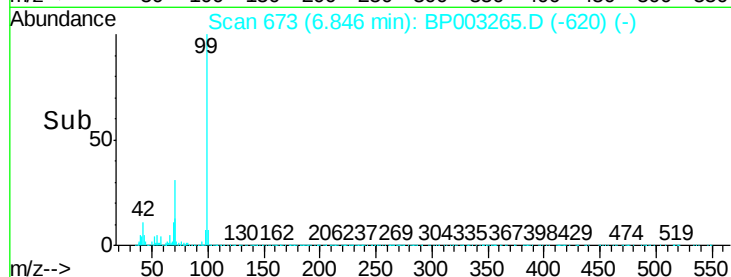
Ion	Ratio	Lower	Upper
99	100		
42	11.5	8.6	13.0
71	31.0	23.4	35.2



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: 42.935 ng

RT: 7.22 min Scan# 737

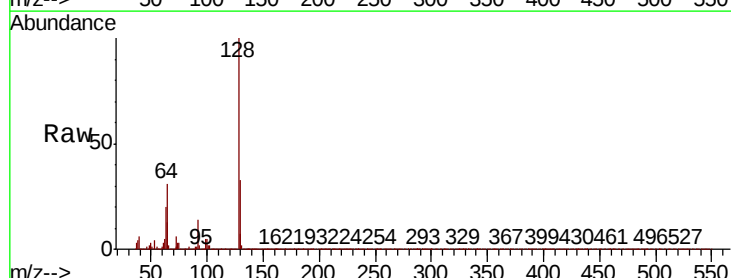
Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion: 128 Resp: 533200

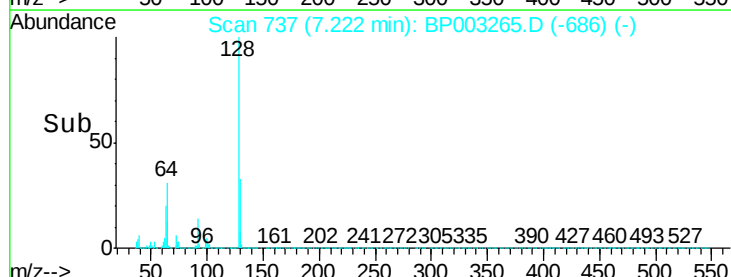
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	30.8	10.4	50.4

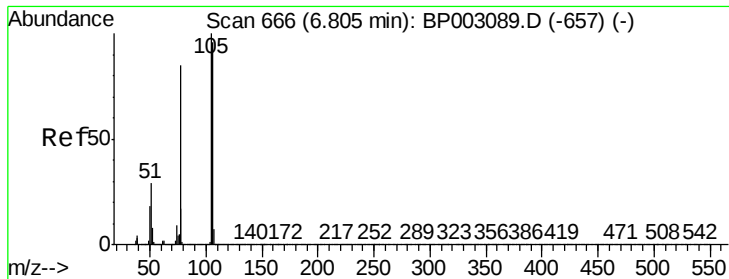


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 32.579 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

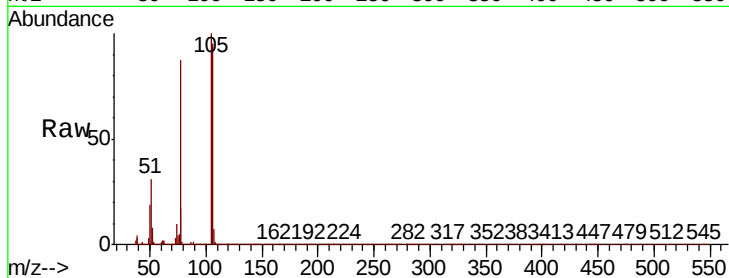
Tot Ion: 77 Resp: 212101

Ion Ratio Lower Upper

77 100

105 115.3 97.1 137.1

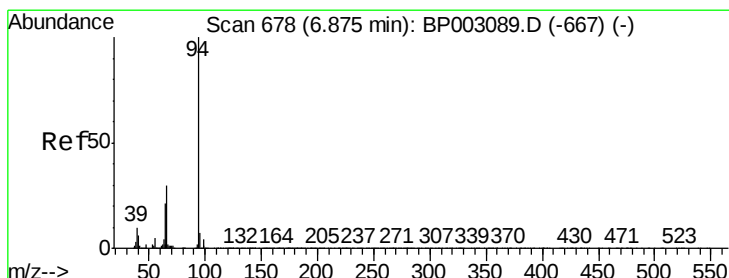
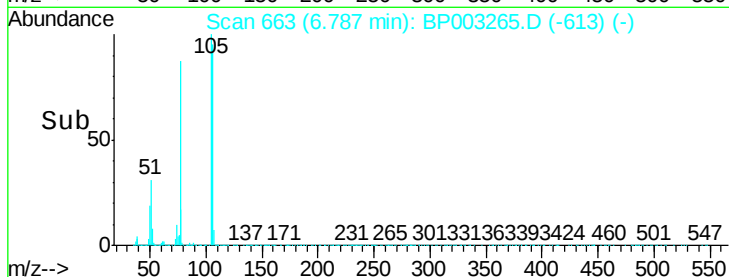
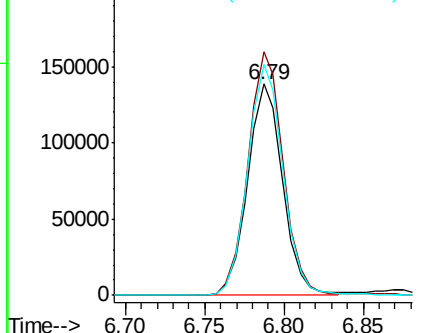
106 109.5 93.7 133.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 42.825 ng

RT: 6.87 min Scan# 677

Delta R.T. 0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

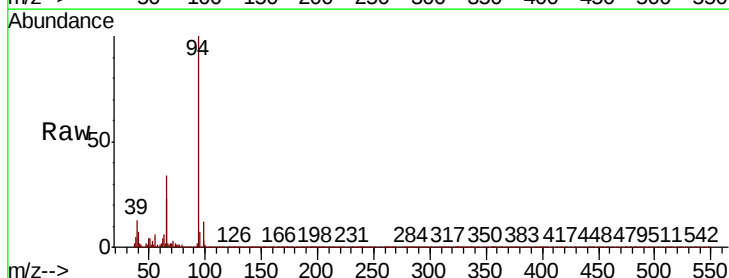
Tgt Ion: 94 Resp: 554195

Ion Ratio Lower Upper

94 100

65 23.0 2.3 42.3

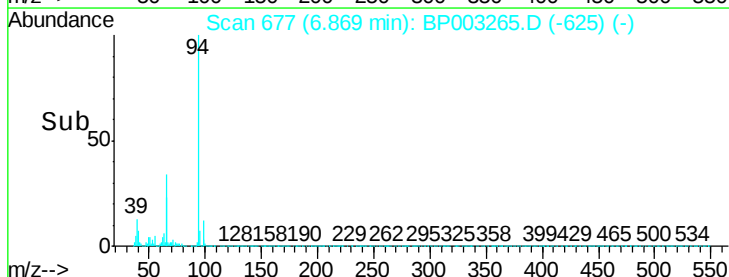
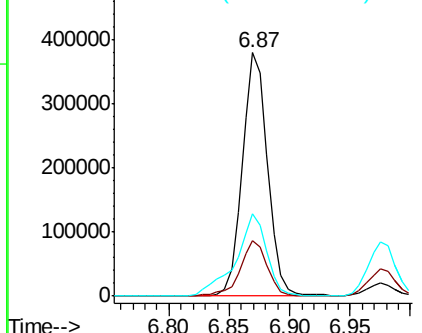
66 33.6 10.9 50.9

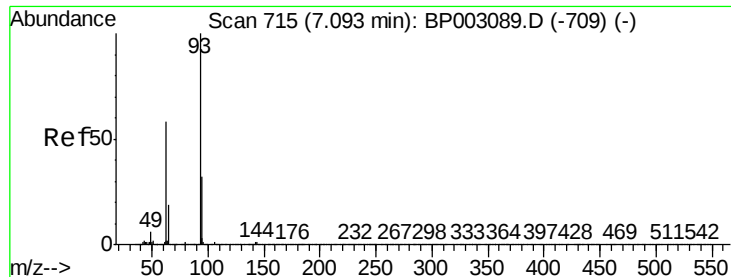


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

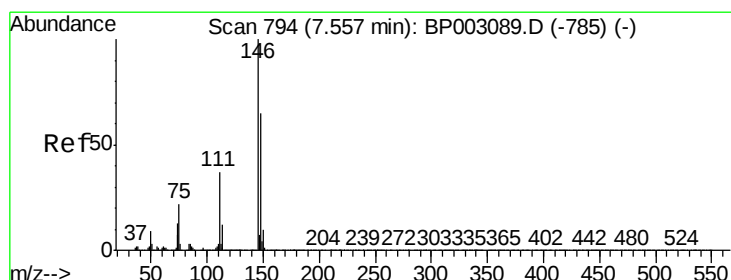
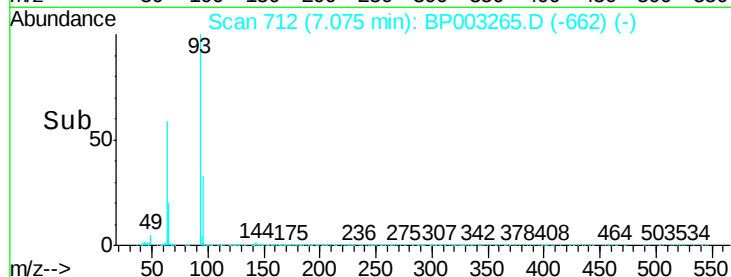
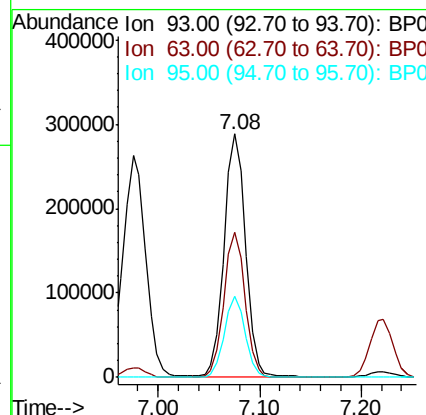
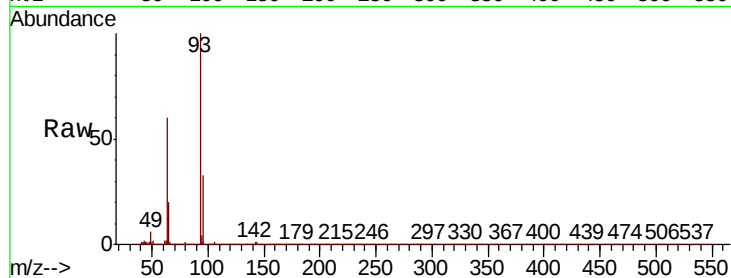




#11
bis(2-Chloroethyl)ether
Concen: 41.766 ng
RT: 7.08 min Scan# 712
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

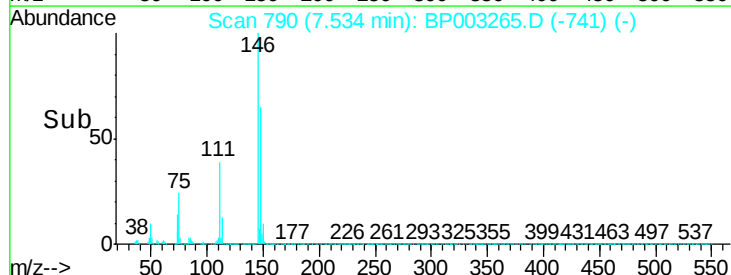
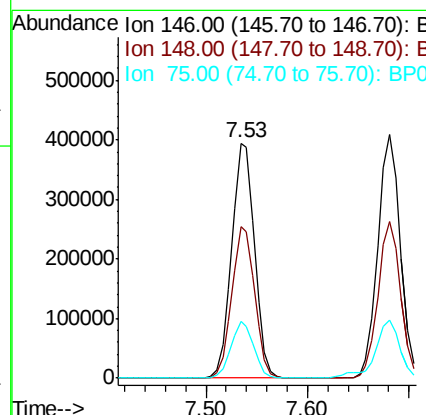
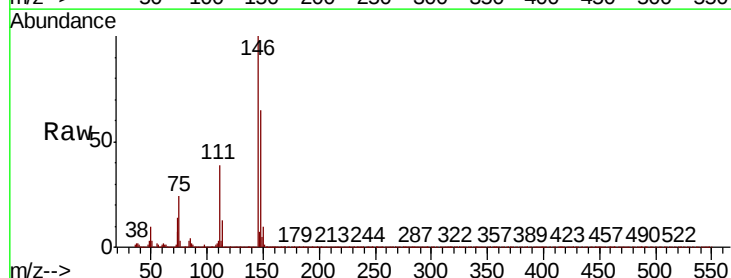
Instrument :
BNA_P
ClientSampleId :
357MSD

Tot Ion:	93	Resp:	427792
Ion	Ratio	Lower	Upper
93	100		
63	59.7	39.0	79.0
95	33.5	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.896 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:	146	Resp:	617527
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.5	78.7
75	24.1	18.1	27.1

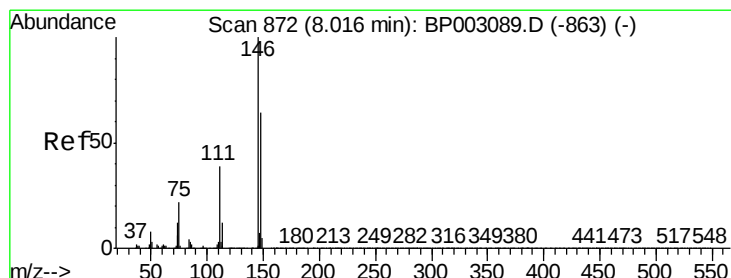
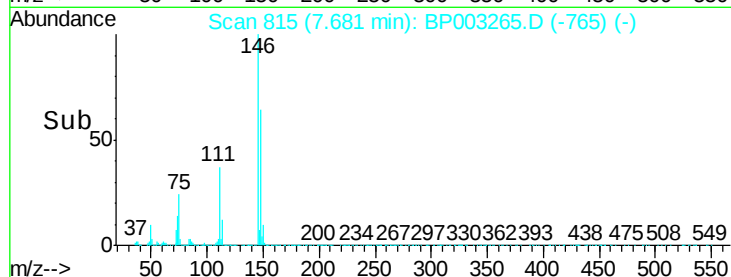
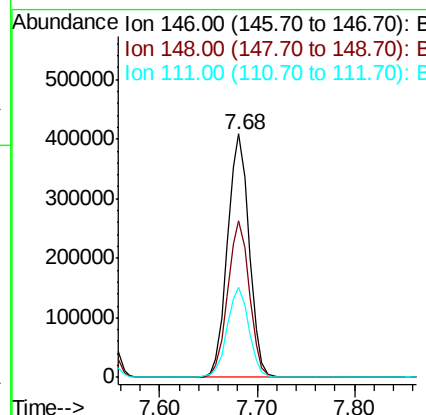
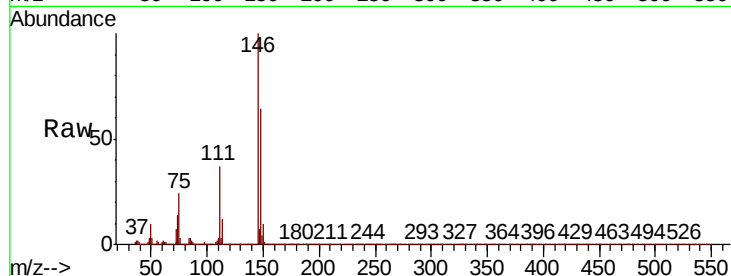




#13
 1,4-Dichlorobenzene
 Concen: 41.090 ng
 RT: 7.68 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

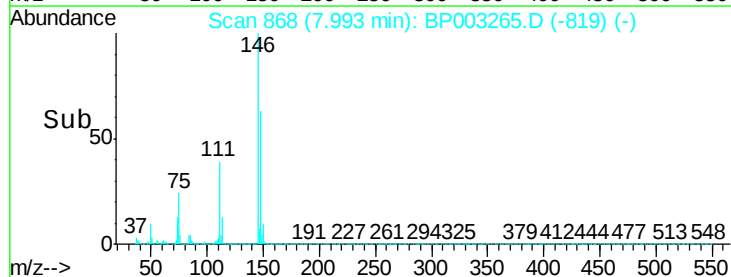
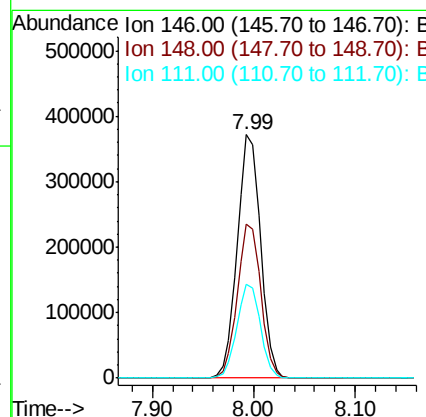
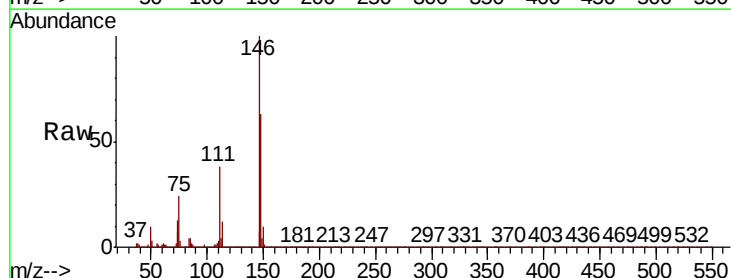
Instrument :
 BNA_P
 ClientSampleId :
 357MSD

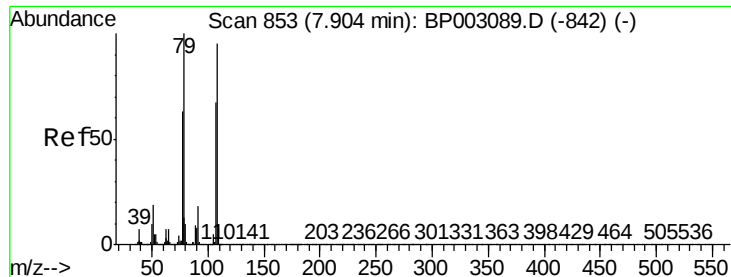
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	37.0	28.9	43.3



#14
 1,2-Dichlorobenzene
 Concen: 41.188 ng
 RT: 7.99 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	38.5	31.0	46.6





#15

Benzyl Alcohol

Concen: 44.548 ng

RT: 7.89 min Scan# 850

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

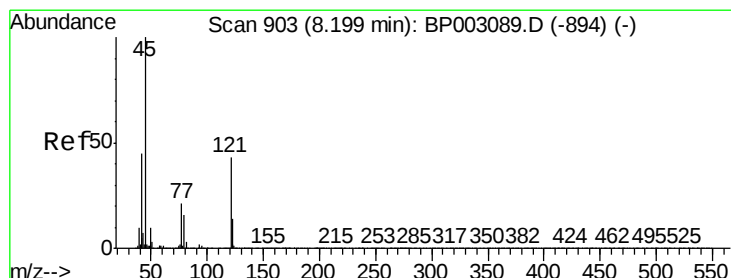
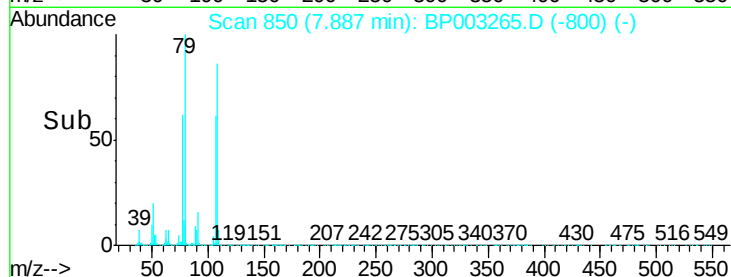
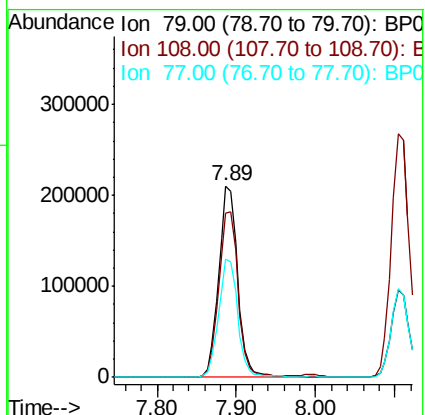
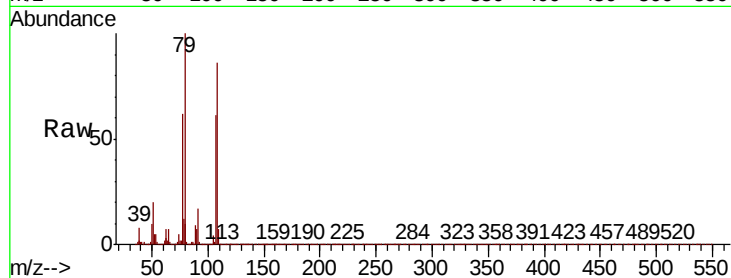
Tot Ion: 79 Resp: 350492

Ion Ratio Lower Upper

79 100

108 86.2 73.5 110.3

77 61.5 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.976 ng

RT: 8.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

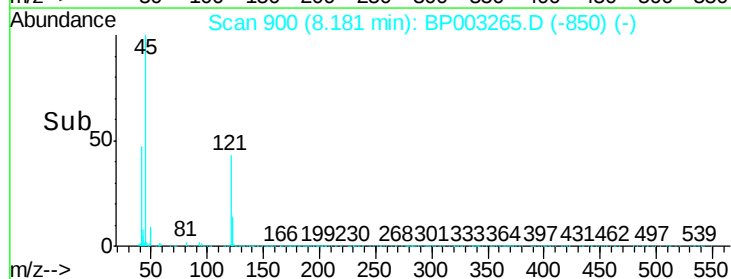
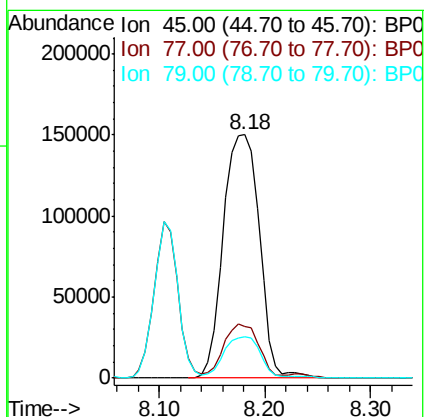
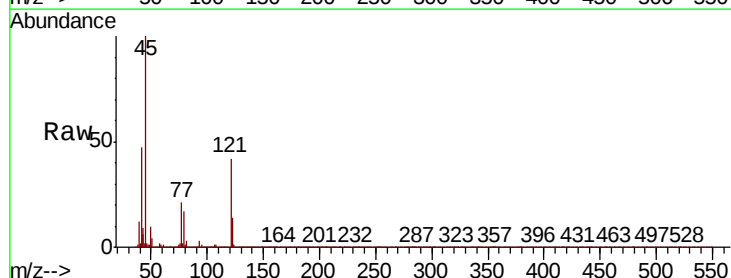
Tgt Ion: 45 Resp: 355670

Ion Ratio Lower Upper

45 100

77 21.2 2.3 42.3

79 17.2 0.0 36.6

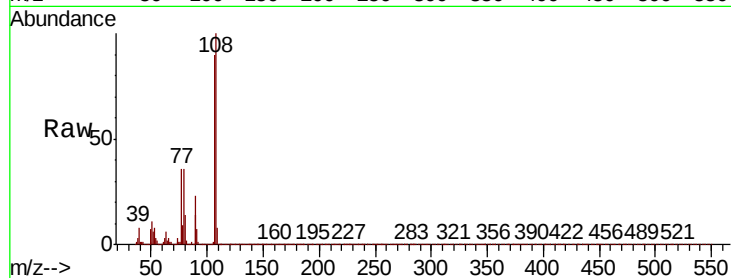




#17
2-Methylphenol
Concen: 41.851 ng
RT: 8.10 min Scan# 887
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Instrument :
BNA_P
ClientSampleId :
357MSD

Tot Ion:	107	Resp:	385823
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.6	134.4
77	40.5	31.8	47.6
79	40.4	31.1	46.7



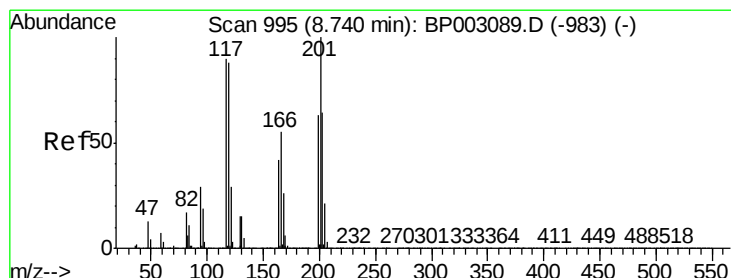
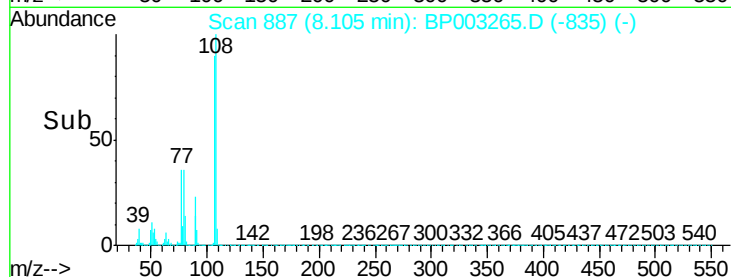
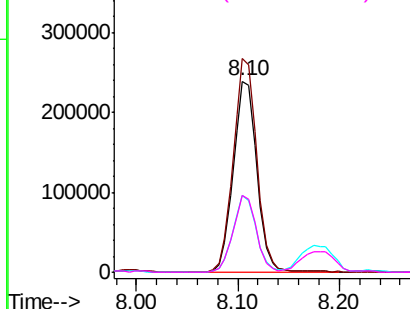
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

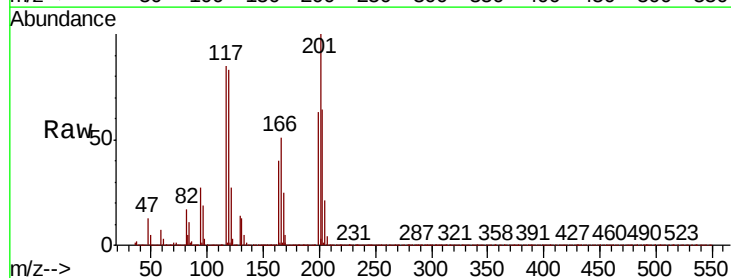
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 42.250 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:	117	Resp:	210705
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.8	118.2
201	117.9	92.3	138.5

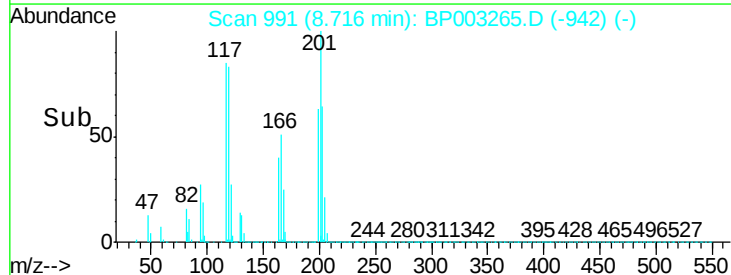
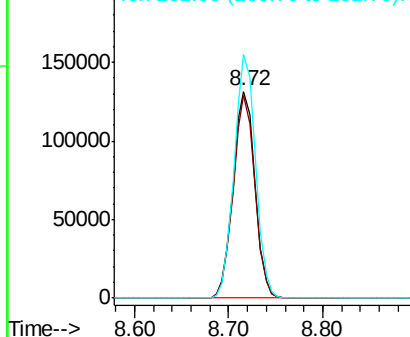


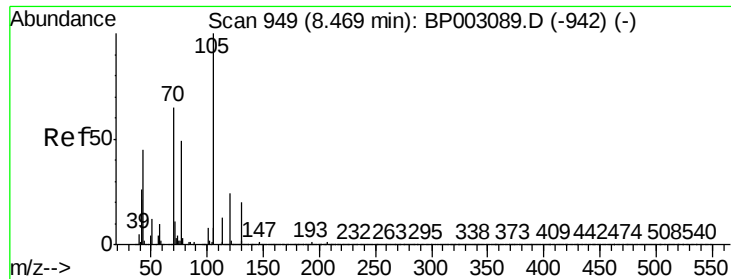
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

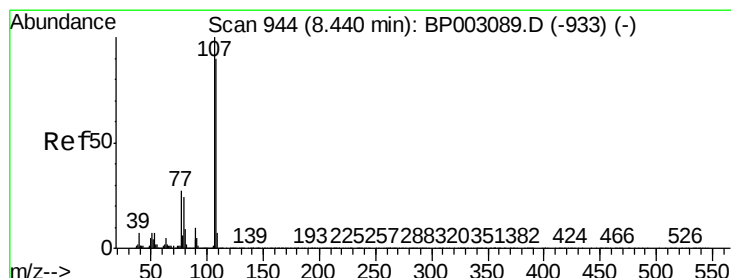
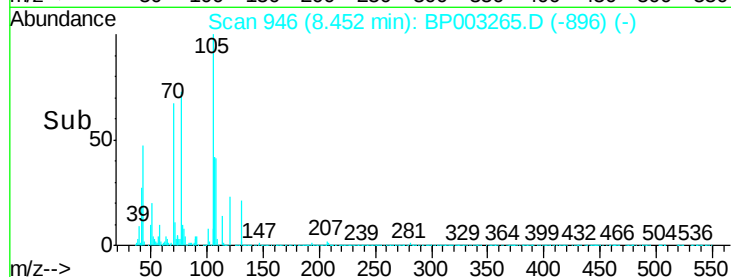
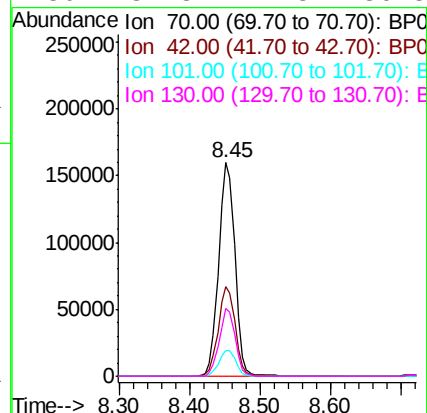
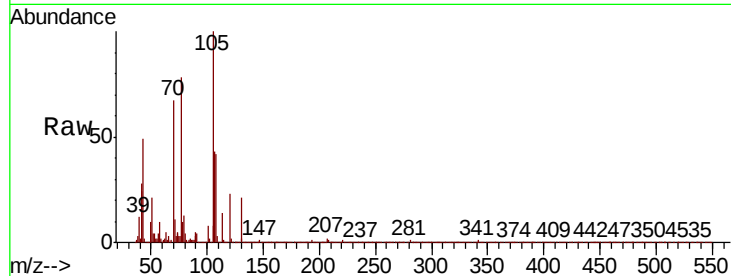




#19
n-Nitroso-di-n-propylamine
Concen: 40.515 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

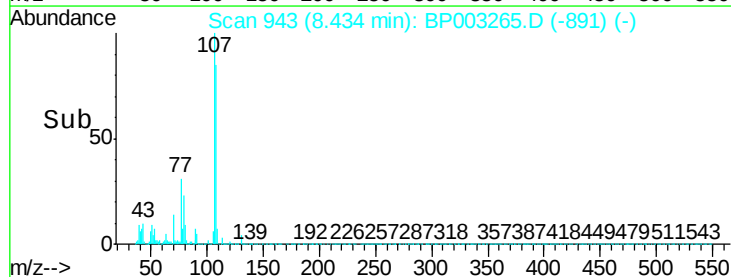
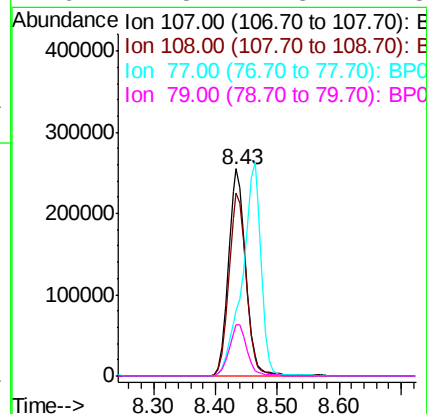
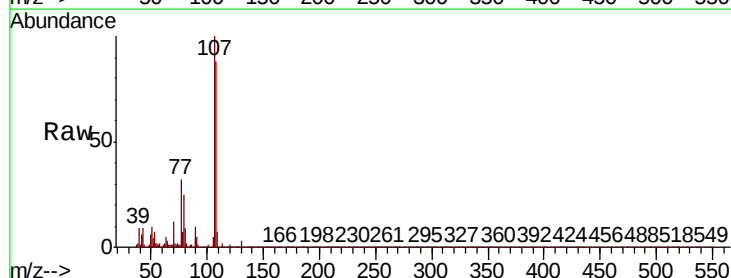
Instrument :
BNA_P
ClientSampleId :
357MSD

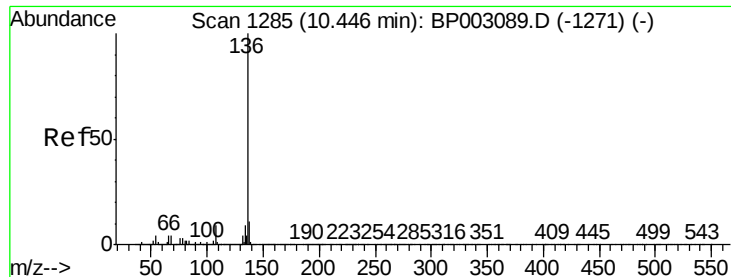
Tot Ion:	70	Resp:	255610
Ion	Ratio	Lower	Upper
70	100		
42	42.2	32.8	49.2
101	12.2	9.6	14.4
130	31.8	24.3	36.5



#20
3+4-Methylphenols
Concen: 39.949 ng
RT: 8.43 min Scan# 943
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:	107	Resp:	496216
Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.0	109.0
77	31.7	8.5	48.5
79	24.8	4.8	44.8

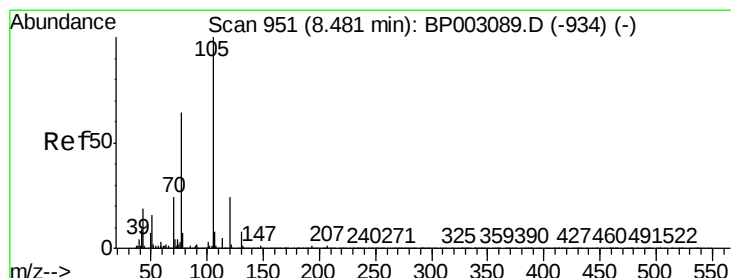
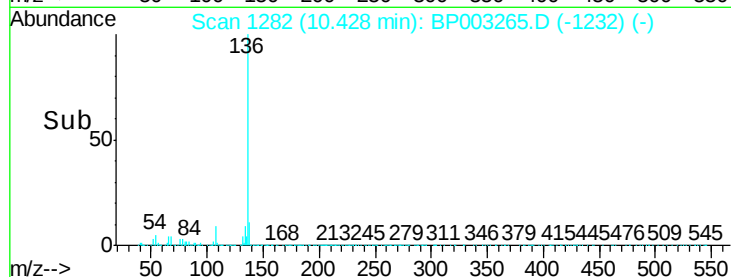
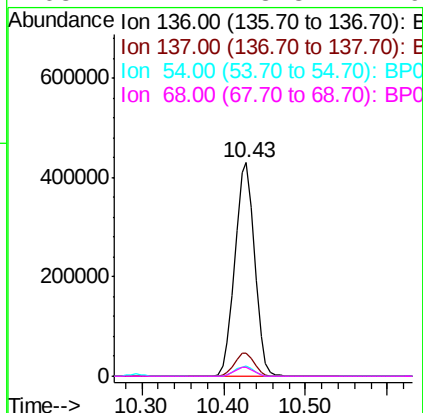
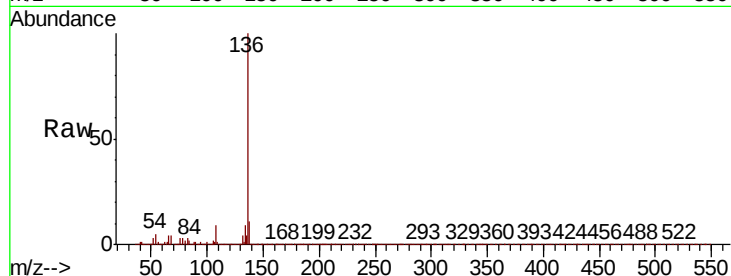




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

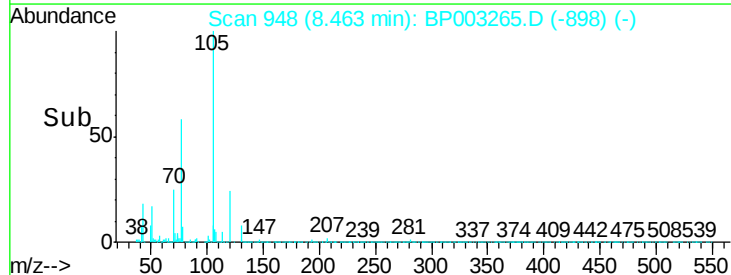
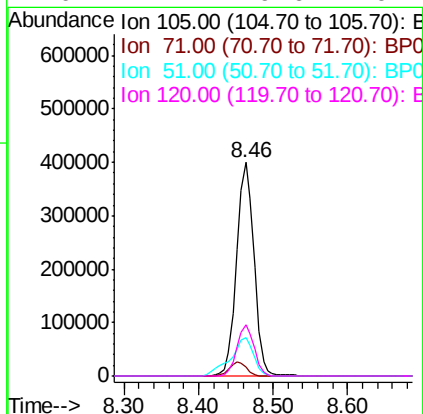
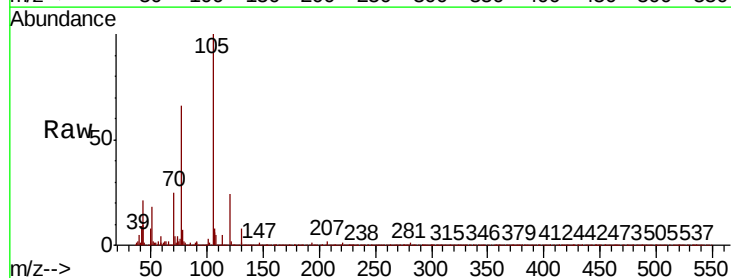
Instrument :
BNA_P
ClientSampleId :
357MSD

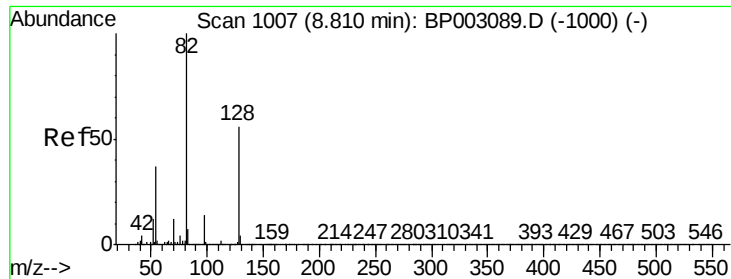
Tot Ion:136	Resp:	721497
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	13.0
54 4.6	3.6	5.4
68 4.1	3.3	4.9



#22
Acetophenone
Concen: 40.426 ng
RT: 8.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt	Ion:105	Resp:	649556
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	3.8#
51	17.9	13.5	20.3
120	24.2	19.6	29.4

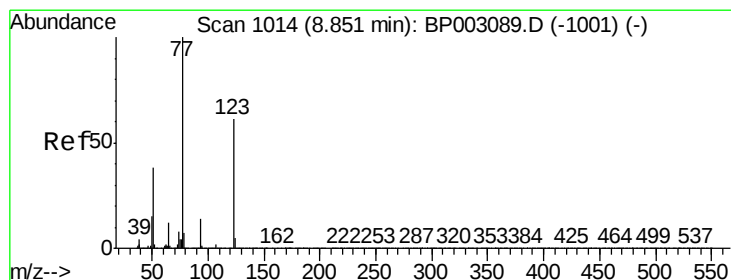
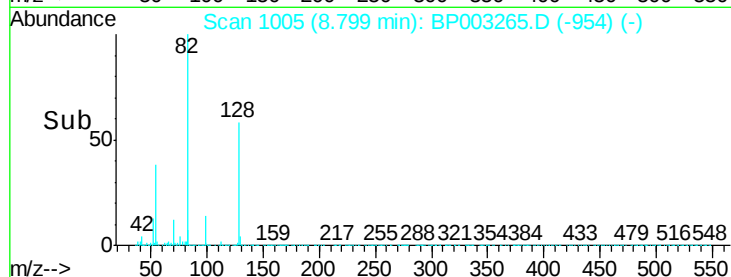
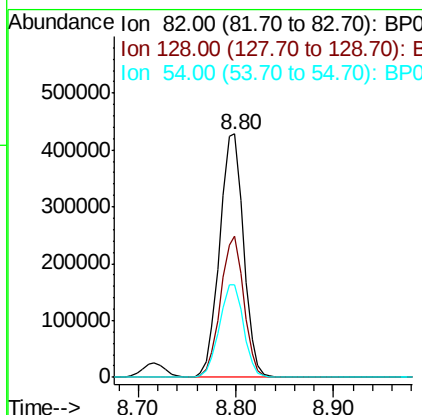
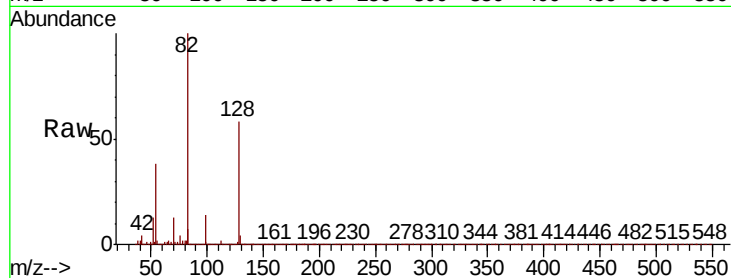




#23
 Nitrobenzene-d5
 Concen: 72.915 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

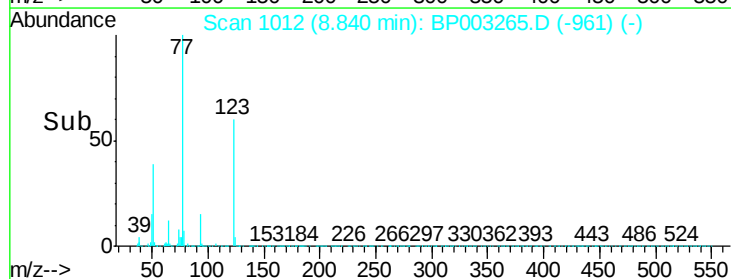
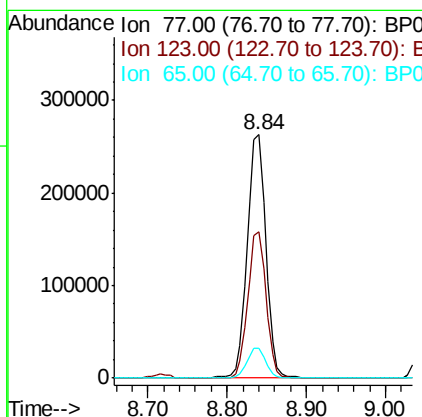
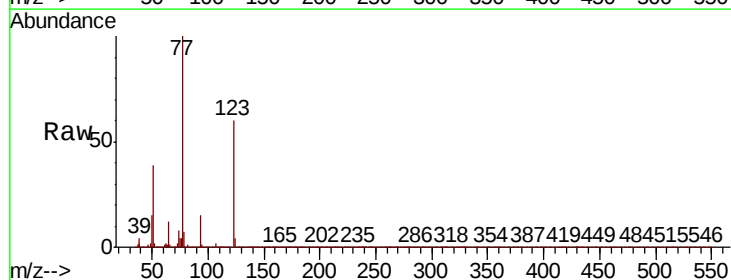
Instrument :
 BNA_P
 ClientSampleId :
 357MSD

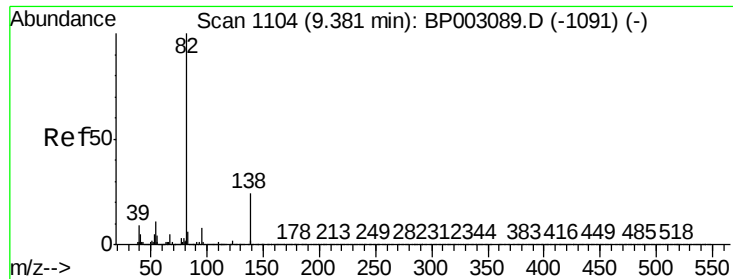
Tot Ion	Ratio	Lower	Upper
82	100		
128	58.0	45.6	68.4
54	38.2	30.1	45.1



#24
 Nitrobenzene
 Concen: 43.803 ng
 RT: 8.84 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	60.2	48.6	72.8
65	12.2	10.0	15.0





#25

Isophorone

Concen: 43.948 ng

RT: 9.36 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

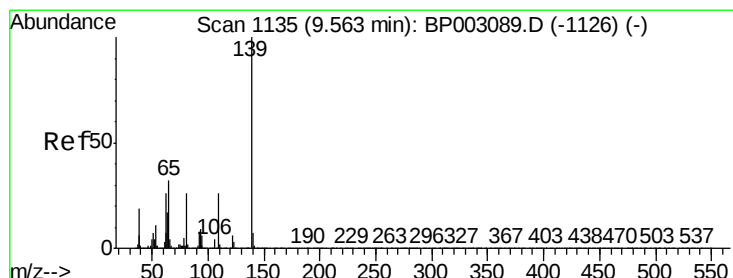
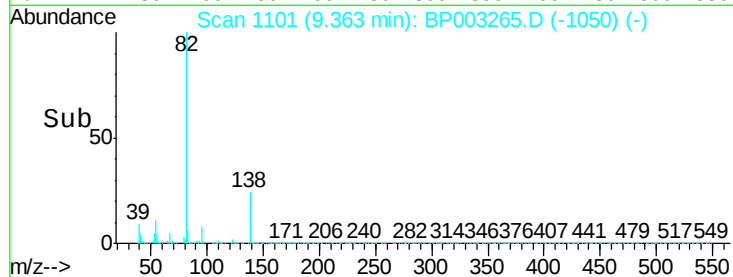
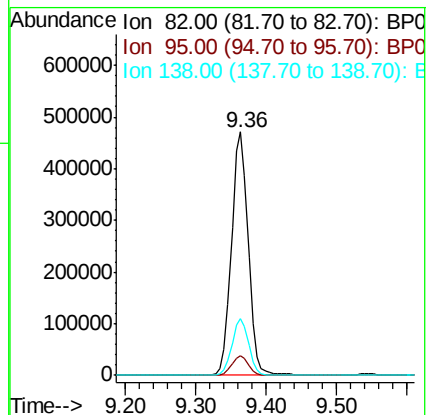
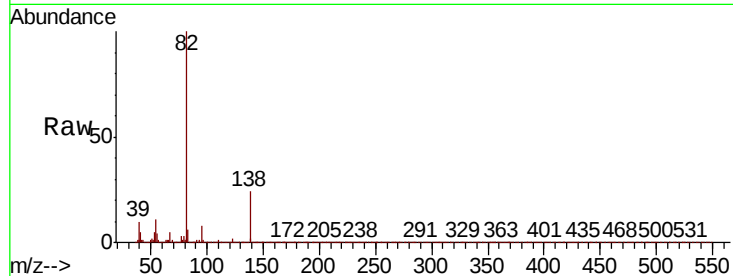
Tot Ion: 82 Resp: 776046

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 23.6 18.7 28.1



#26

2-Nitrophenol

Concen: 48.877 ng

RT: 9.55 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

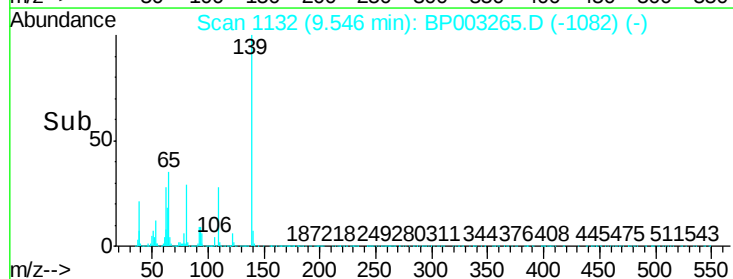
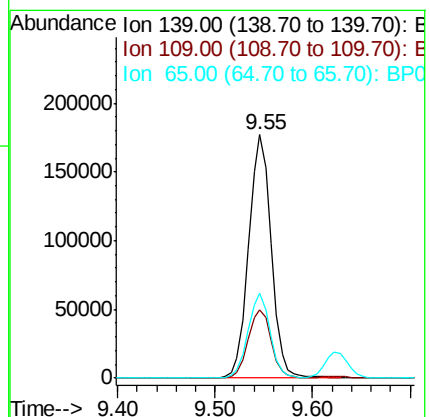
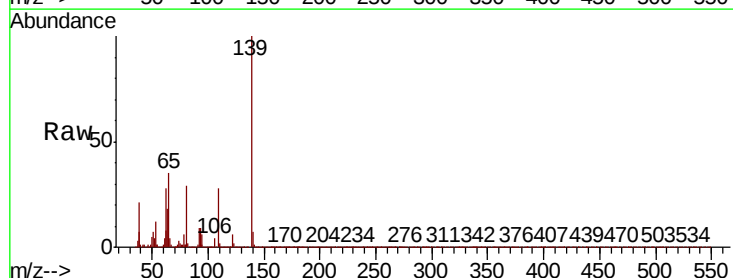
Tgt Ion: 139 Resp: 286368

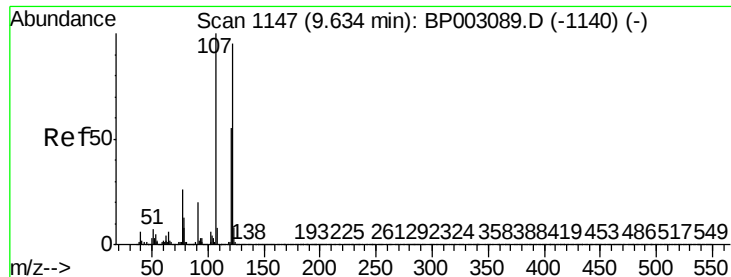
Ion Ratio Lower Upper

139 100

109 27.9 22.1 33.1

65 34.9 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 47.999 ng

RT: 9.62 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

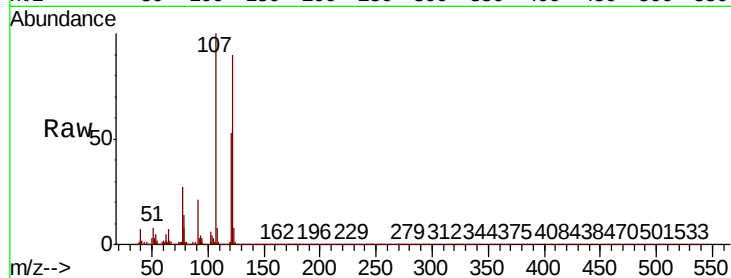
Tot Ion:122 Resp: 422758

Ion Ratio Lower Upper

122 100

107 110.9 87.3 130.9

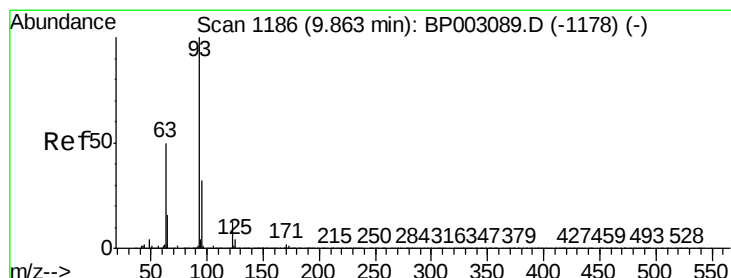
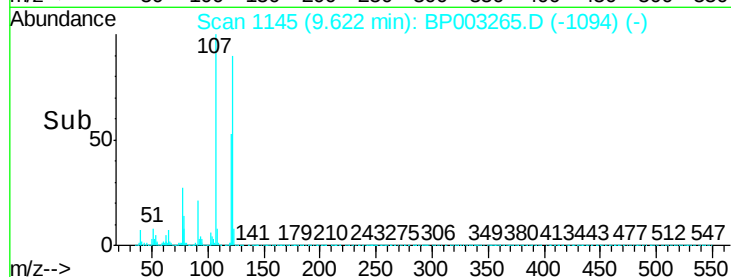
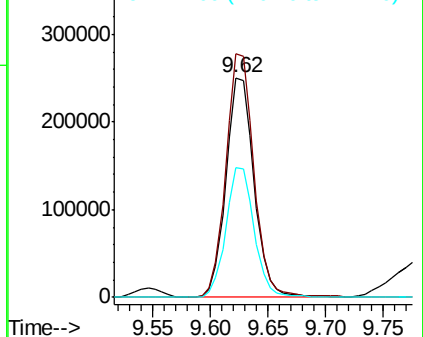
121 59.2 47.3 70.9



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: 39.457 ng

RT: 9.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

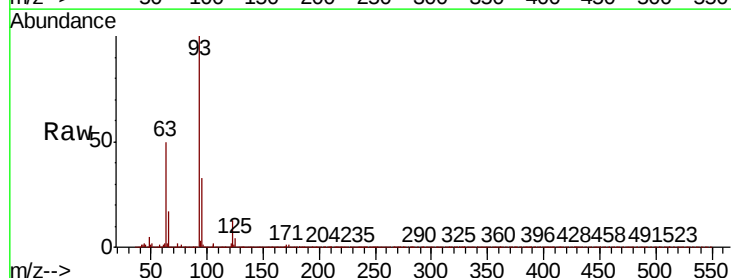
Tgt Ion: 93 Resp: 518947

Ion Ratio Lower Upper

93 100

95 32.8 26.7 40.1

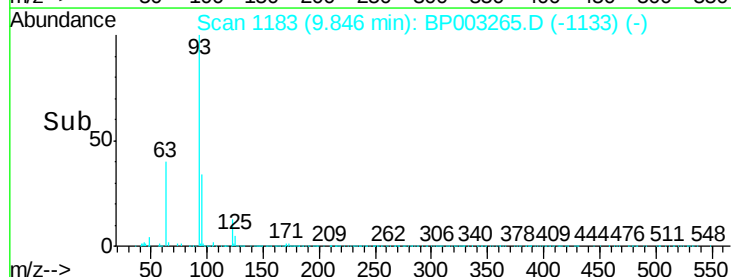
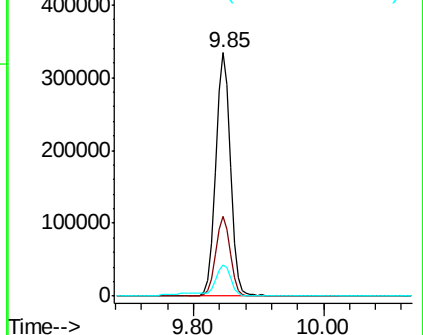
123 13.0 10.5 15.7

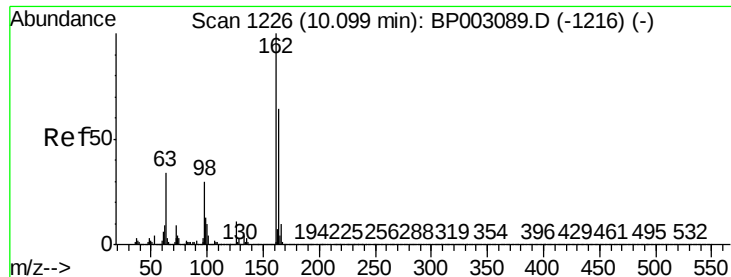


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

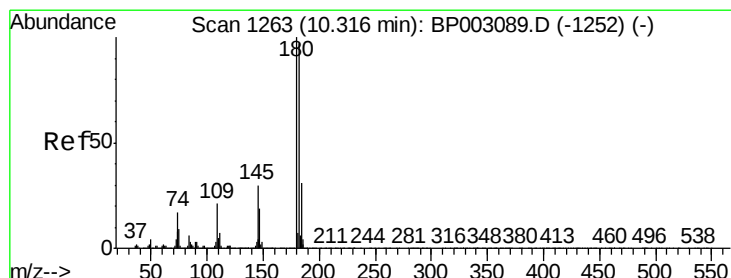
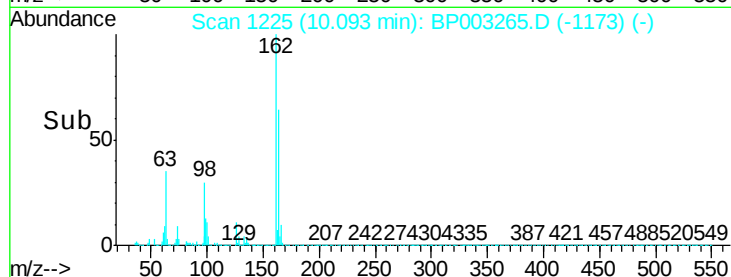
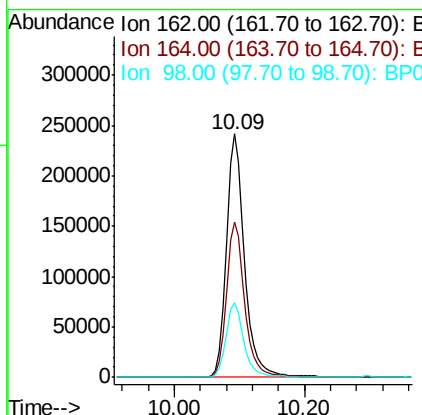
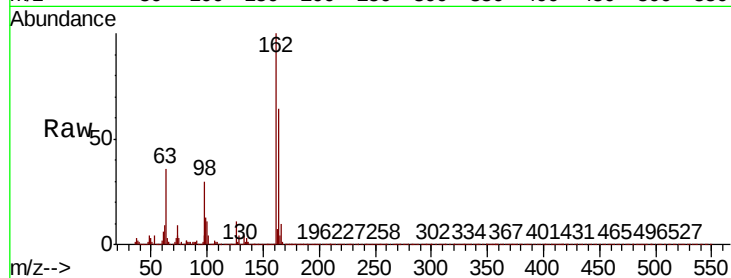




#29
 2,4-Dichlorophenol
 Concen: 42.487 ng
 RT: 10.09 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

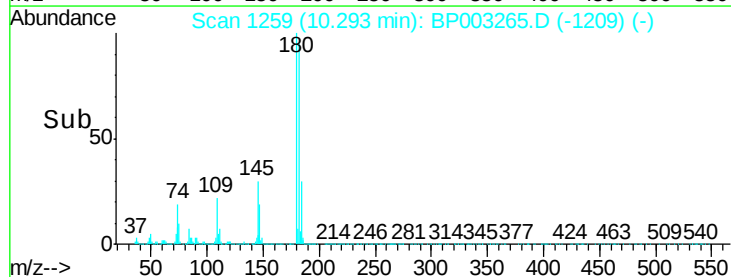
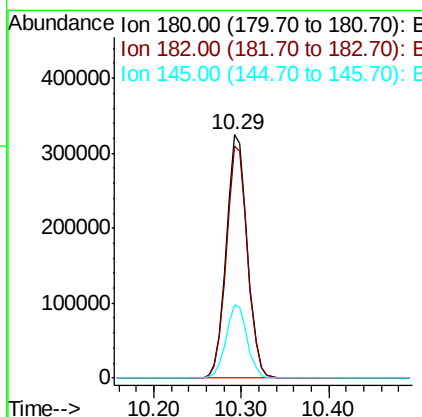
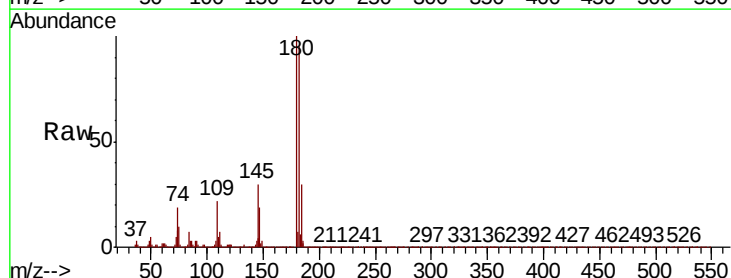
Instrument :
 BNA_P
 ClientSampleId :
 357MSD

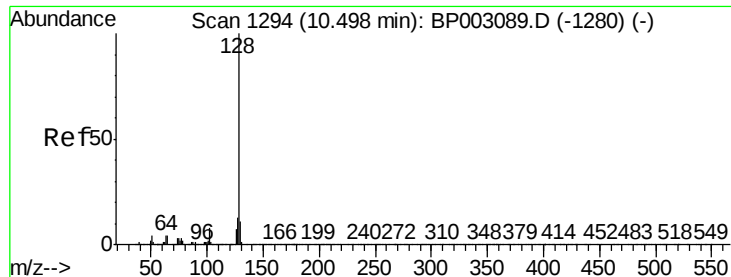
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.8	85.8
98	30.5	10.2	50.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.183 ng
 RT: 10.29 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.2
145	30.0	23.8	35.8



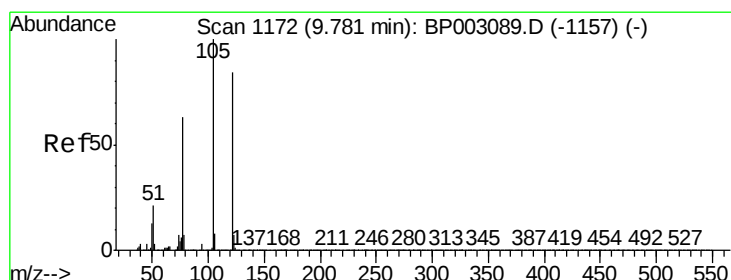
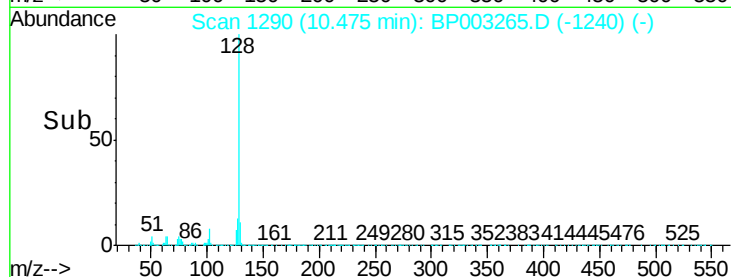
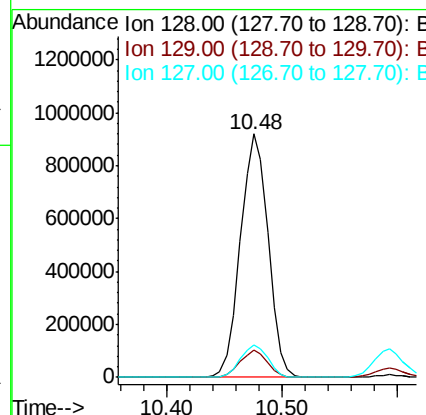
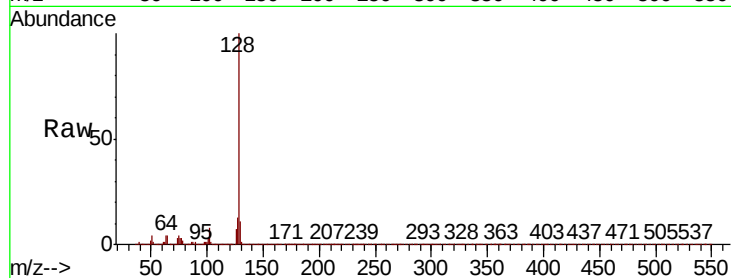


#31
Naphthalene
Concen: 41.201 ng
RT: 10.48 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Instrument :
BNA_P
ClientSampleId :
357MSD

Tot Ion:128 Resp: 1527251

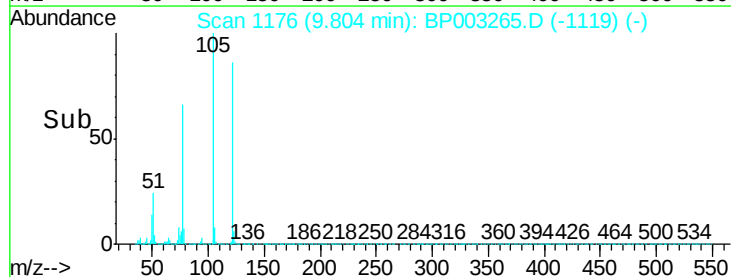
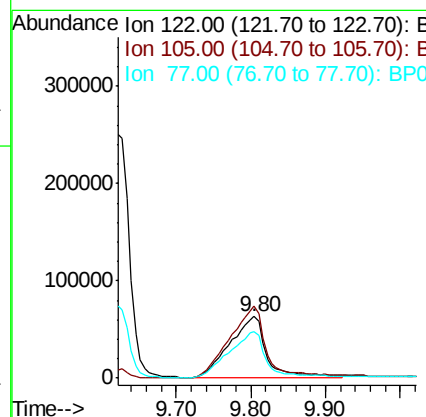
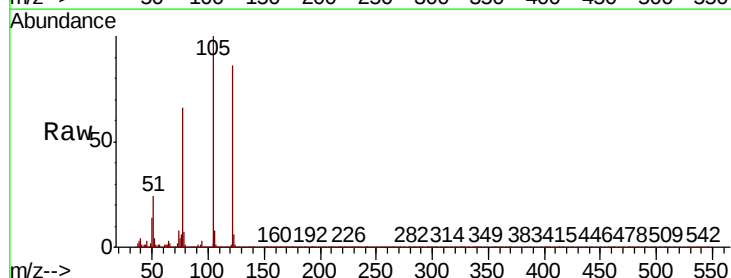
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.6	15.8

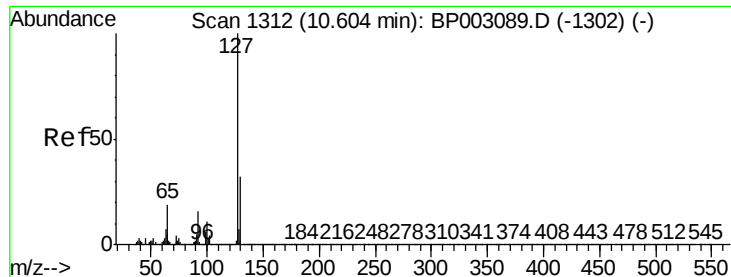


#32
Benzoic acid
Concen: 34.325 ng
RT: 9.80 min Scan# 1176
Delta R.T. 0.04 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:122 Resp: 212387

Ion	Ratio	Lower	Upper
122	100		
105	116.5	94.1	134.1
77	76.6	50.1	90.1

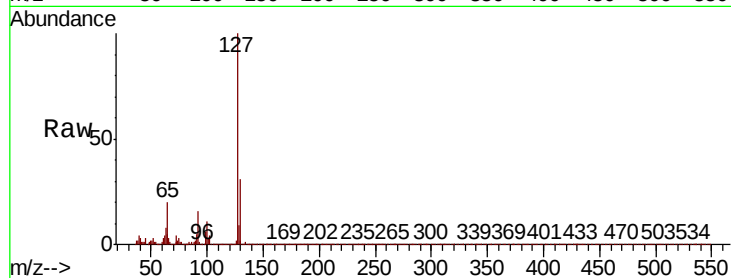




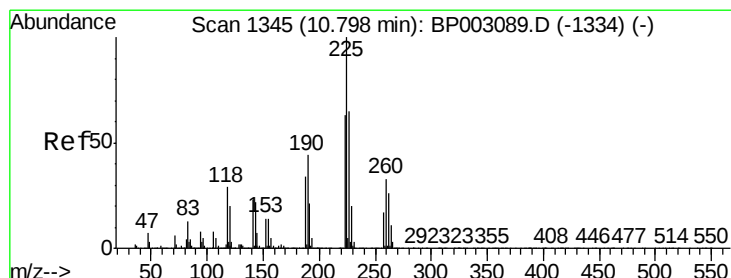
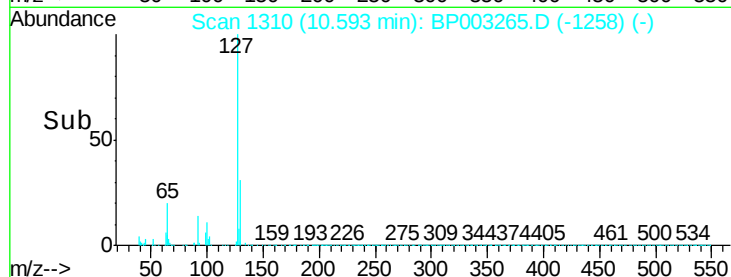
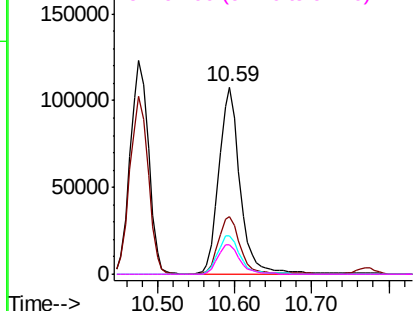
#33
4-Chloroaniline
Concen: 13.167 ng
RT: 10.59 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Instrument :
BNA_P
ClientSampleId :
357MSD

Tot Ion:	127	Resp:	203935
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	20.3	17.3	25.9
92	15.9	12.9	19.3

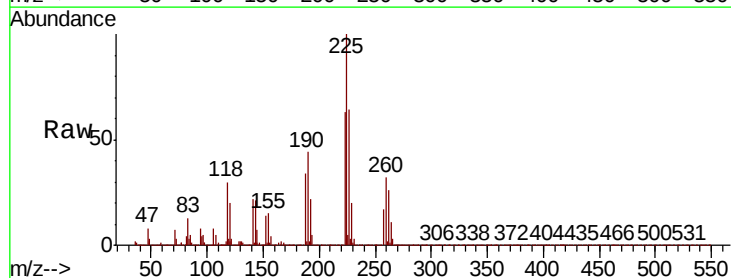


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

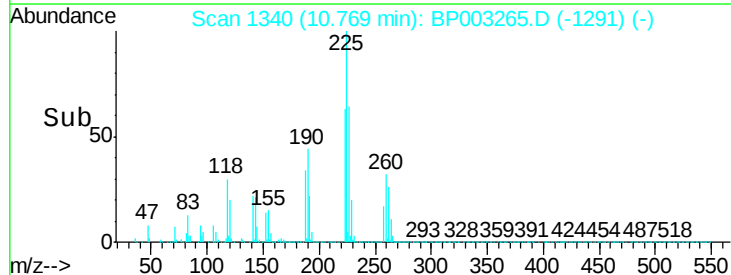
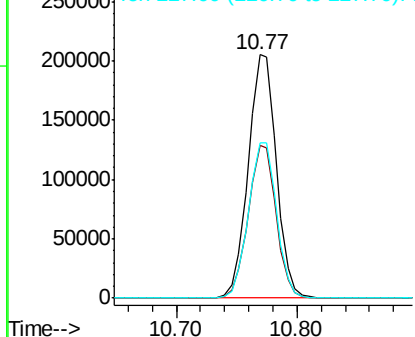


#34
Hexachlorobutadiene
Concen: 42.808 ng
RT: 10.77 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:	225	Resp:	334264
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.6	51.4	77.2



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

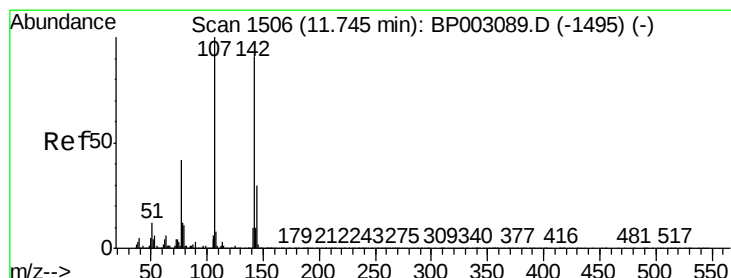
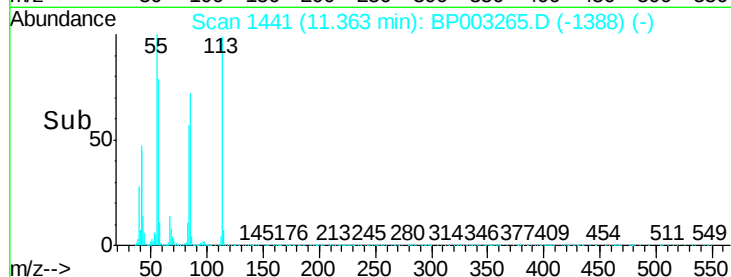
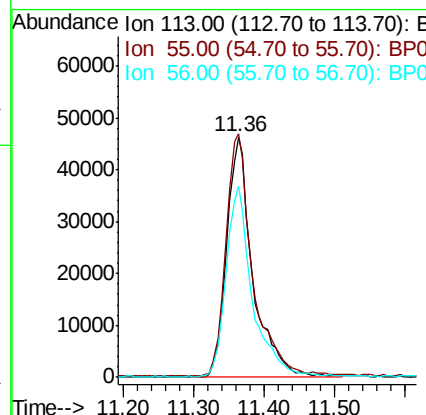
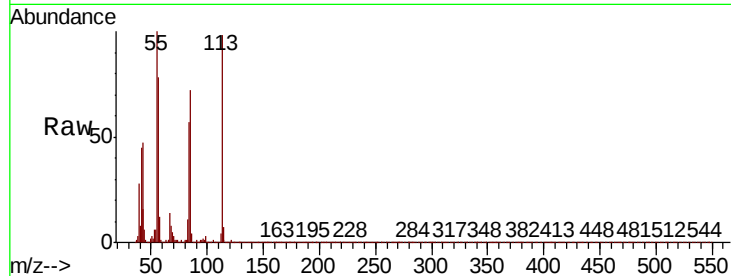




#35
 Caprolactam
 Concen: 36.137 ng
 RT: 11.36 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

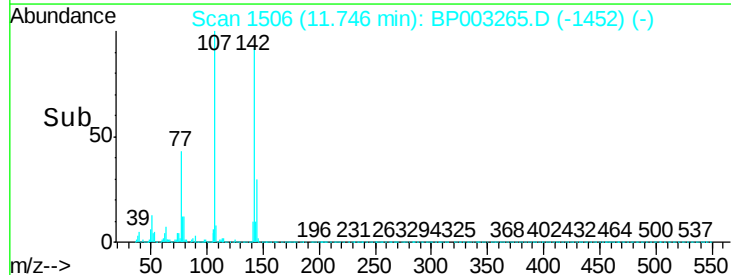
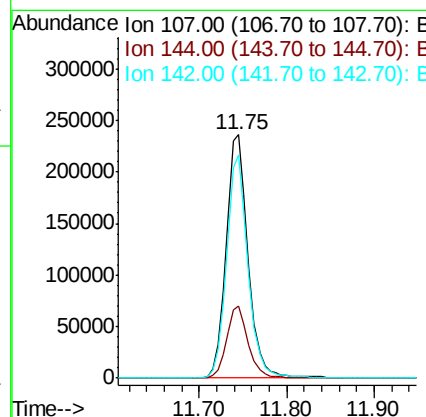
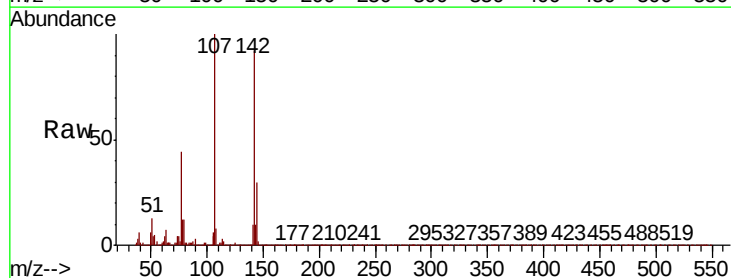
Instrument :
 BNA_P
 ClientSampleId :
 357MSD

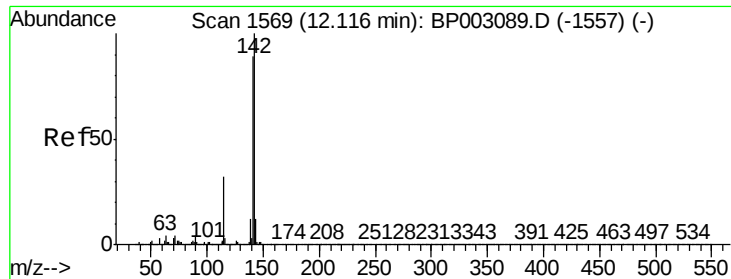
Tot Ion:113 Resp: 118665
 Ion Ratio Lower Upper
 113 100
 55 101.5 77.3 117.3
 56 79.6 55.9 95.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.896 ng
 RT: 11.75 min Scan# 1506
 Delta R.T. 0.02 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion:107 Resp: 407051
 Ion Ratio Lower Upper
 107 100
 144 29.6 22.7 34.1
 142 91.6 70.7 106.1



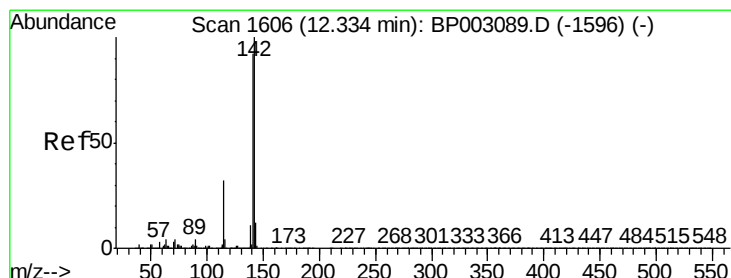
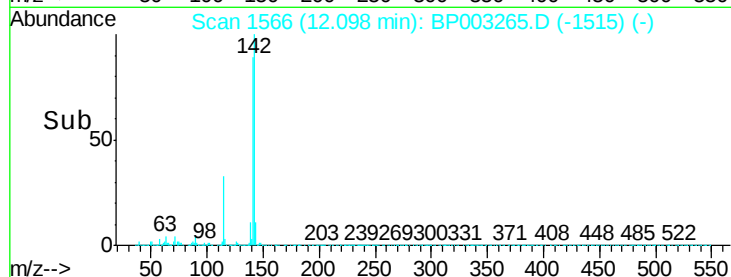
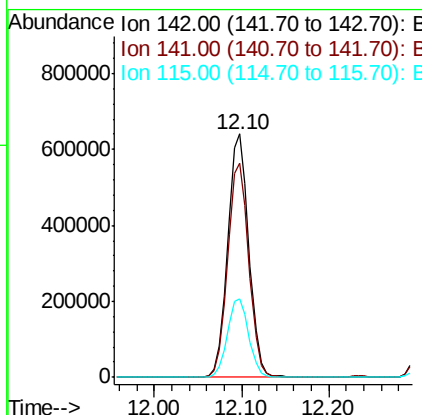
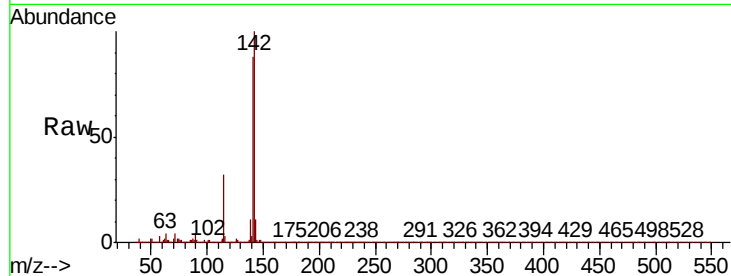


#37
 2-Methylnaphthalene
 Concen: 39.745 ng
 RT: 12.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Instrument :
 BNA_P
 ClientSampleId :
 357MSD

Tot Ion:142 Resp: 1053911

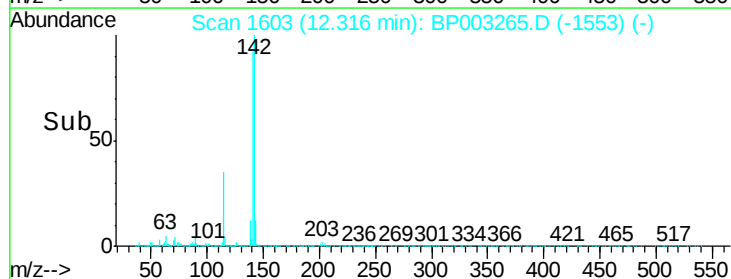
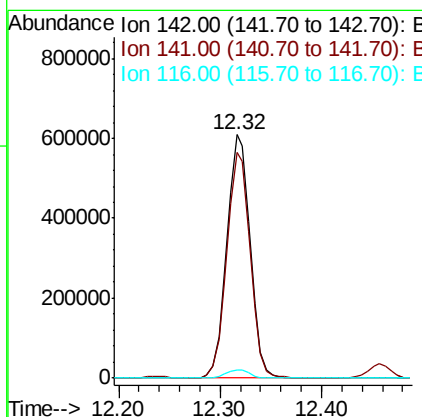
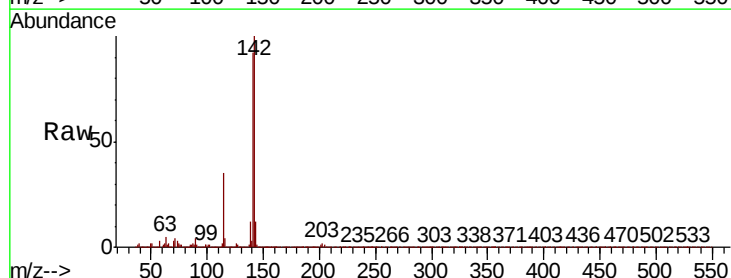
Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	32.5	25.8	38.6

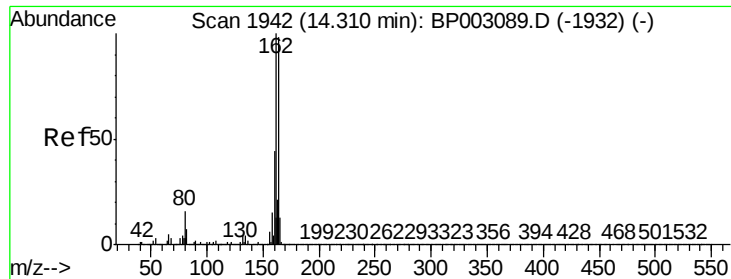


#38
 1-Methylnaphthalene
 Concen: 38.332 ng
 RT: 12.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion:142 Resp: 966104

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.4	111.6
116	3.5	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

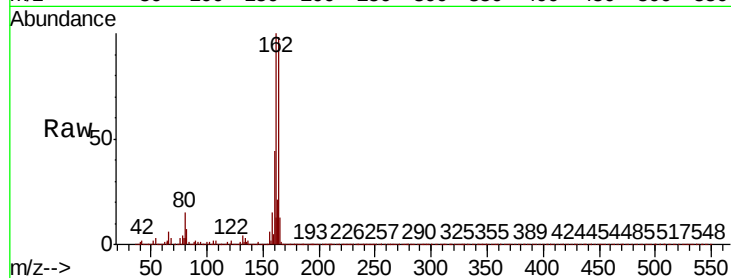
BNA_P

ClientSampleId :

357MSD

Tot Ion:164 Resp: 377475

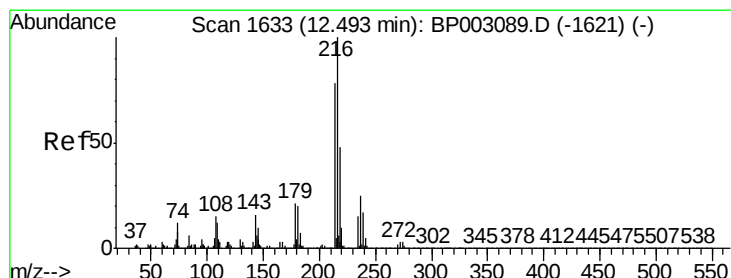
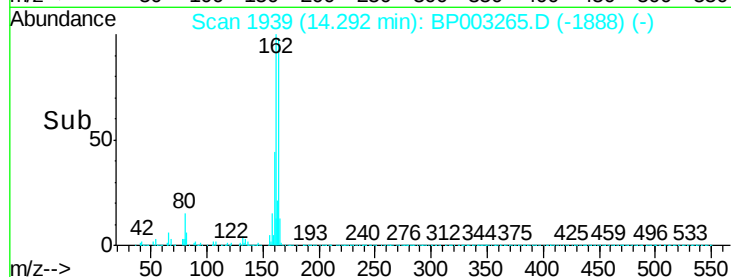
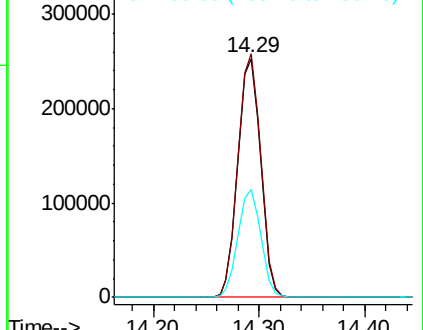
Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.4	119.2
160	45.3	36.1	54.1



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: 47.299 ng

RT: 12.47 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion:216 Resp: 529184

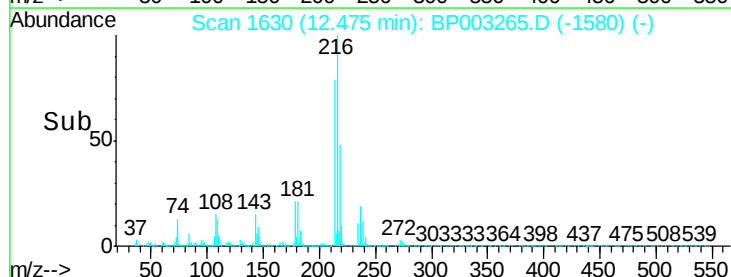
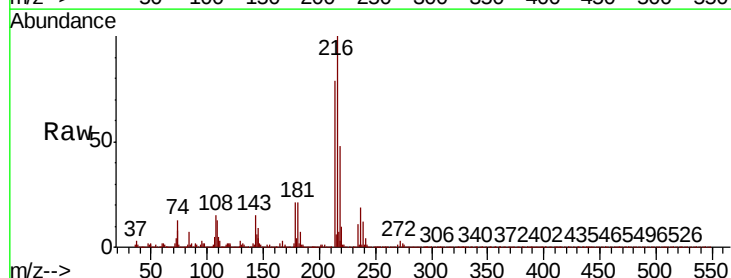
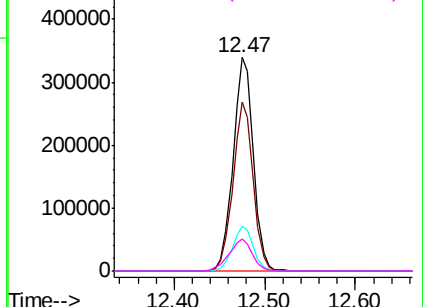
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	21.1	16.9	25.3
108	16.9	12.6	19.0

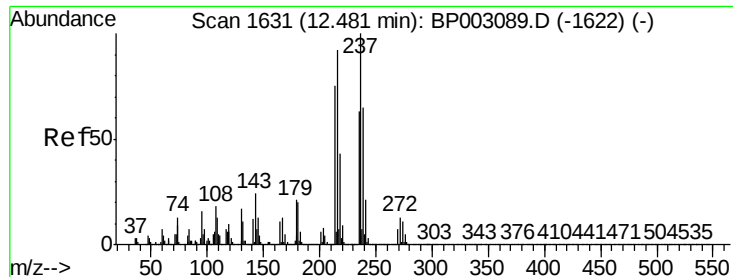
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.493 ng

RT: 12.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

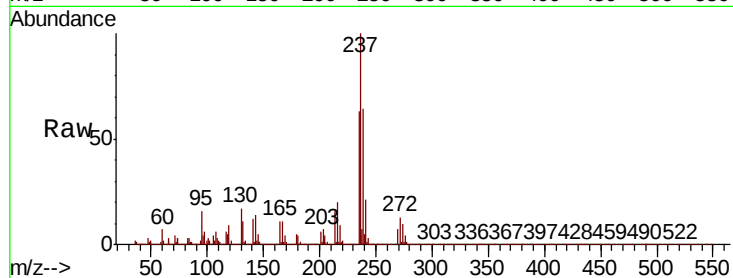
Tot Ion:237 Resp: 457440

Ion Ratio Lower Upper

237 100

235 63.3 43.2 83.2

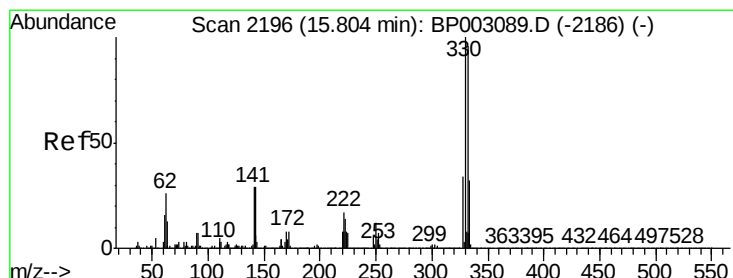
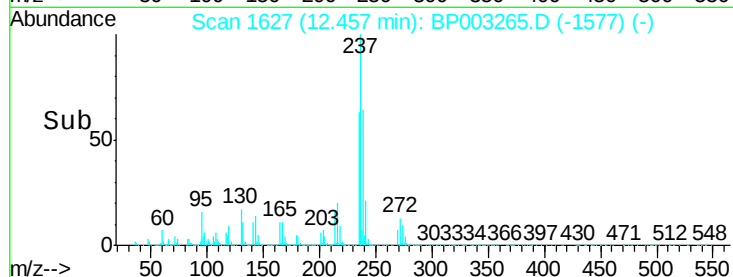
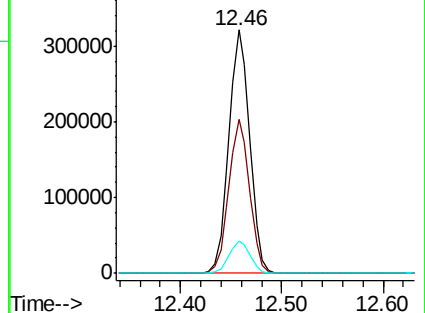
272 13.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.444 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

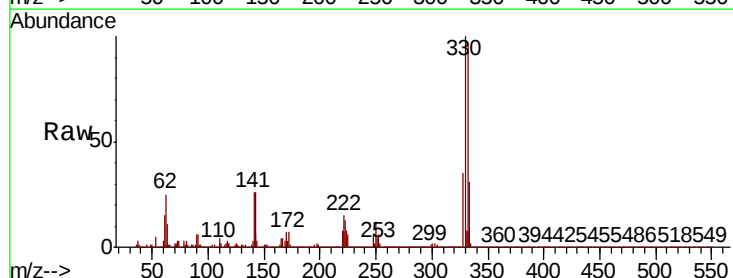
Tgt Ion:330 Resp: 446425

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

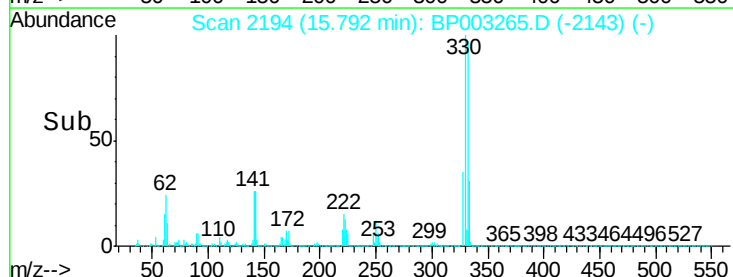
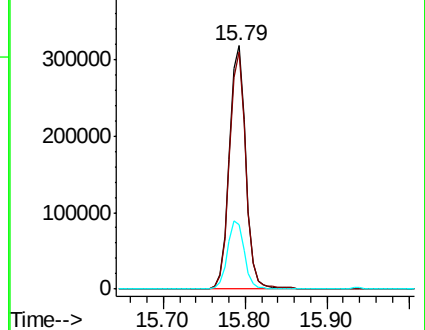
141 28.7 23.4 35.2

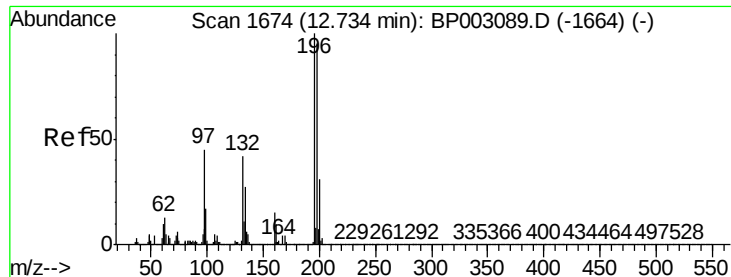


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

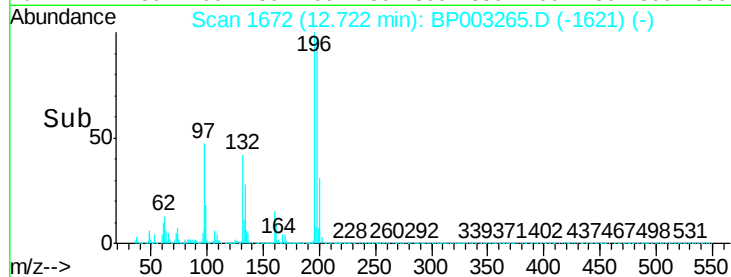
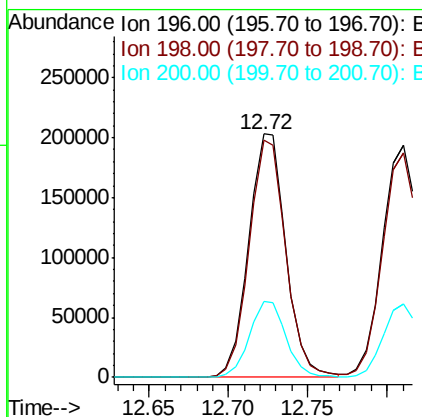
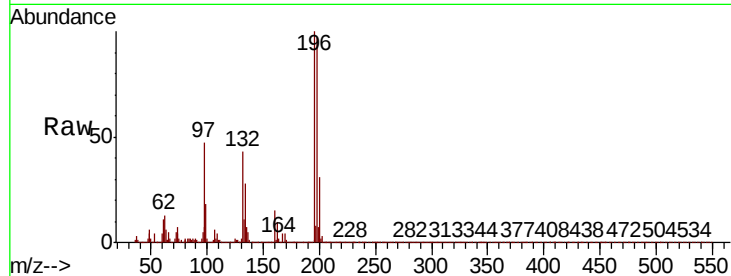




#43
 2,4,6-Trichlorophenol
 Concen: 44.853 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

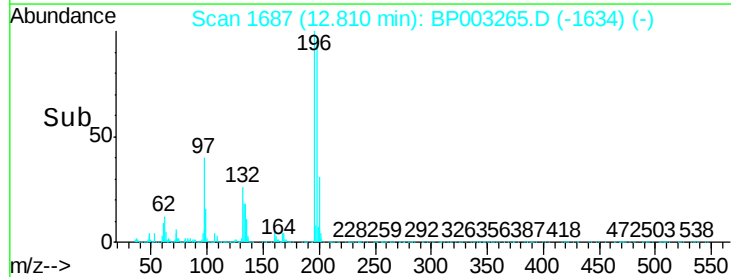
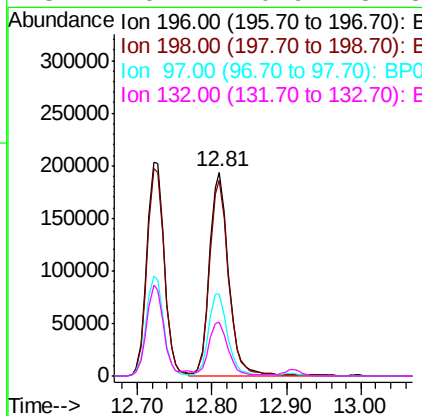
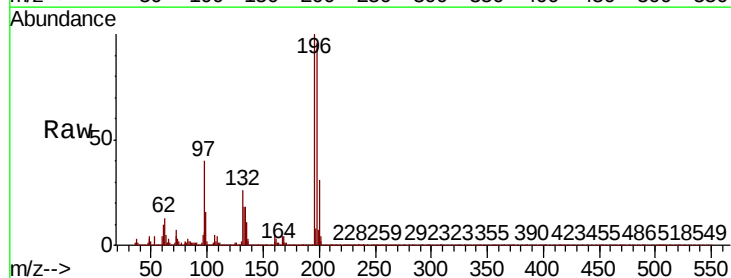
Instrument :
 BNA_P
 ClientSampleId :
 357MSD

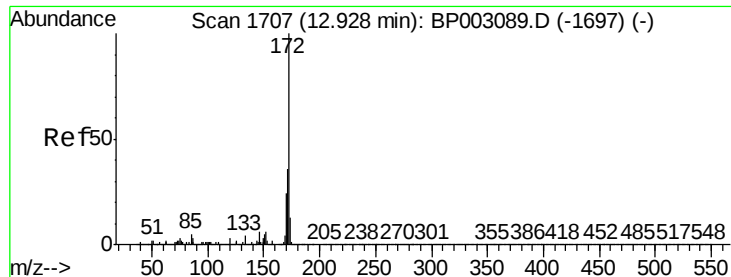
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.0	115.6
200	31.2	25.1	37.7



#44
 2,4,5-Trichlorophenol
 Concen: 43.984 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. 0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.3	115.9
97	40.3	31.0	46.4
132	26.1	20.9	31.3

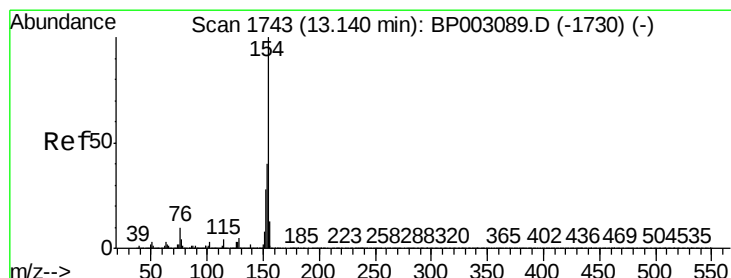
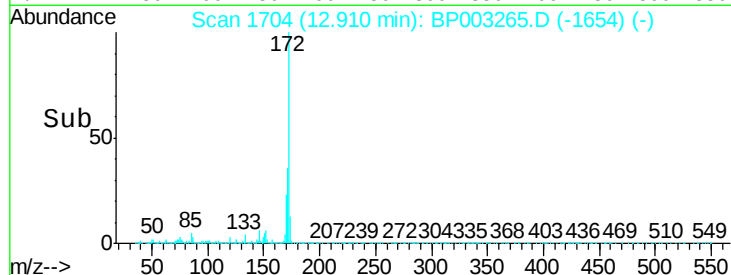
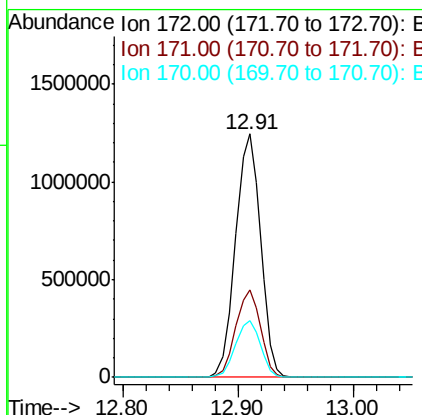
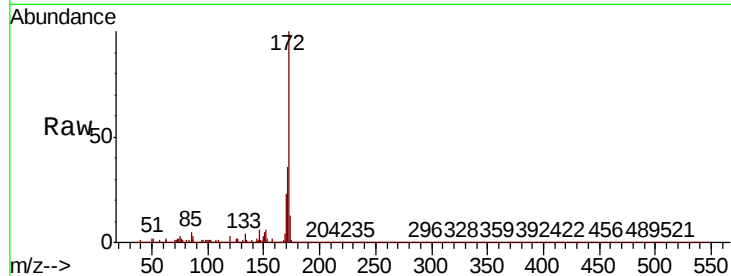




#45
2-Fluorobiphenyl
Concen: 72.388 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

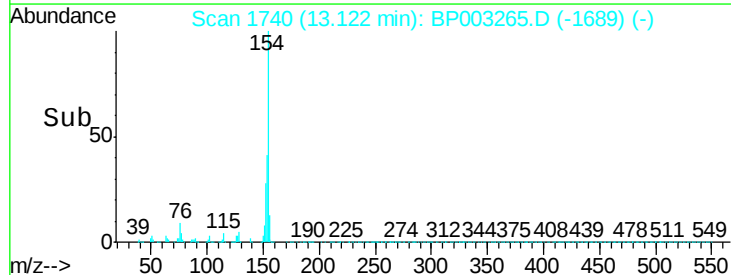
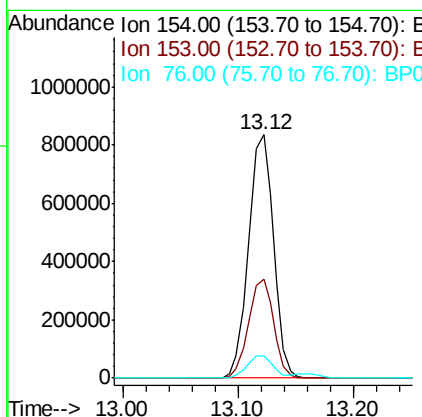
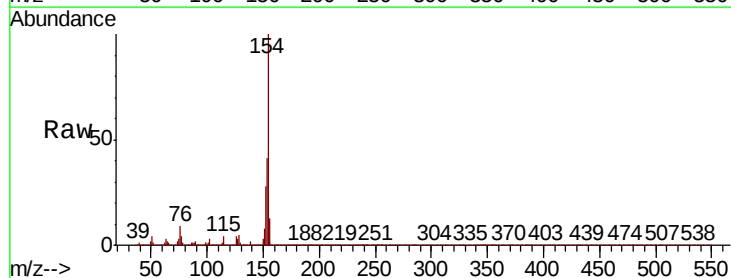
Instrument :
BNA_P
ClientSampleId :
357MSD

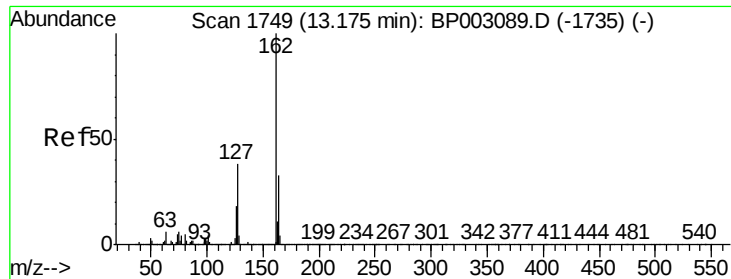
Tot Ion:172 Resp: 1865855
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 19.2 28.8



#46
1,1'-Biphenyl
Concen: 44.637 ng
RT: 13.12 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:154 Resp: 1263827
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 9.3 0.0 29.3

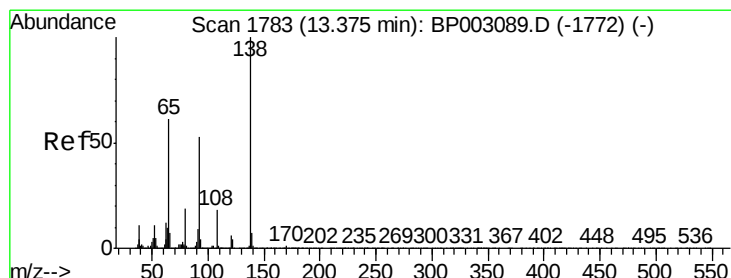
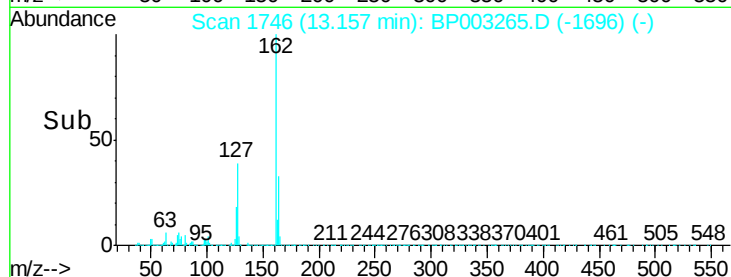
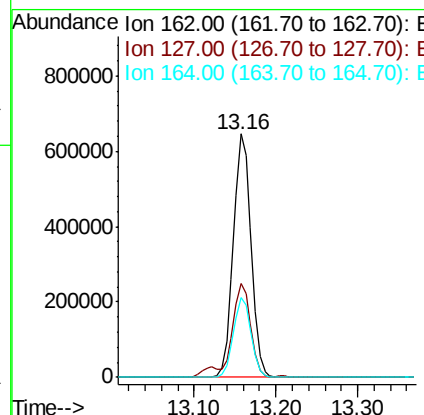
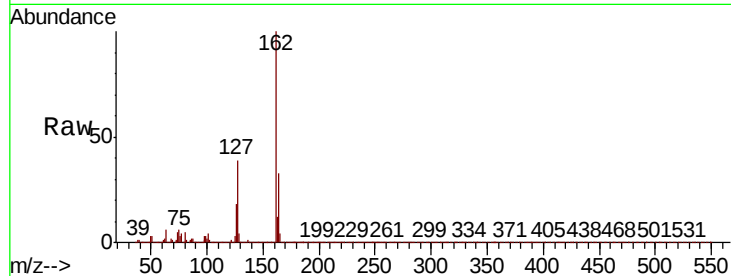




#47
2-Chloronaphthalene
Concen: 42.175 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

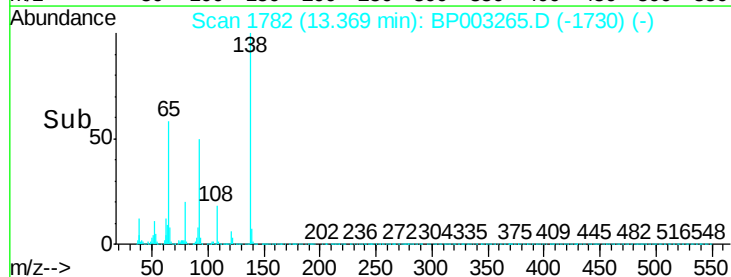
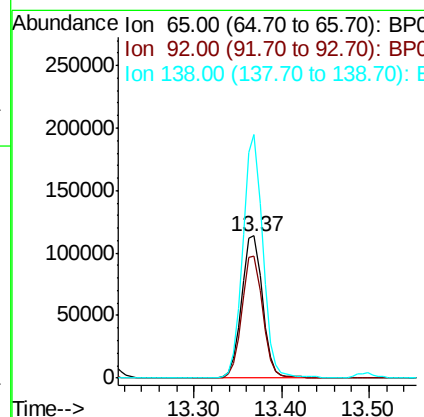
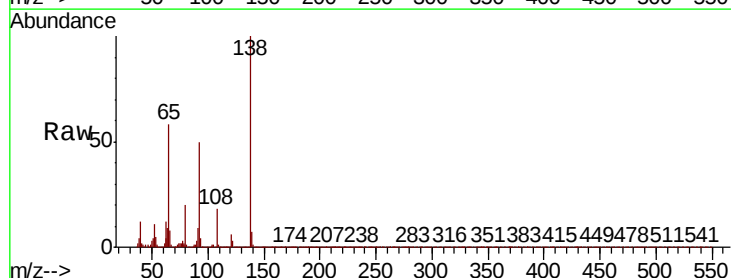
Instrument :
BNA_P
ClientSampleId :
357MSD

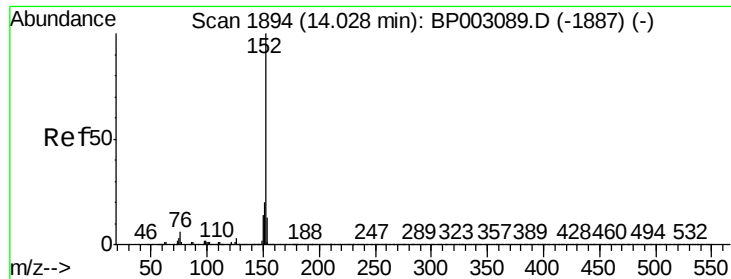
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	29.9	44.9
164	32.6	26.1	39.1



#48
2-Nitroaniline
Concen: 42.340 ng
RT: 13.37 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	86.0	70.6	106.0
138	171.5	133.6	200.4





#49

Acenaphthylene

Concen: 41.974 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

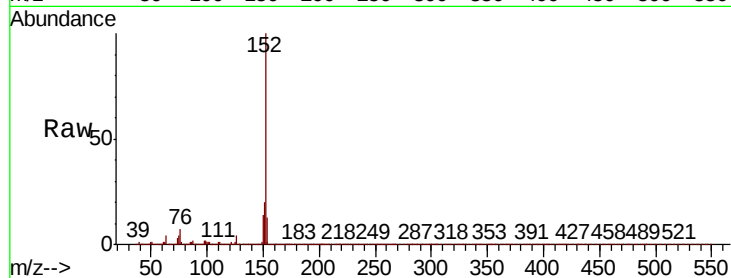
BNA_P

ClientSampleId :

357MSD

Tot Ion:152 Resp: 1471004

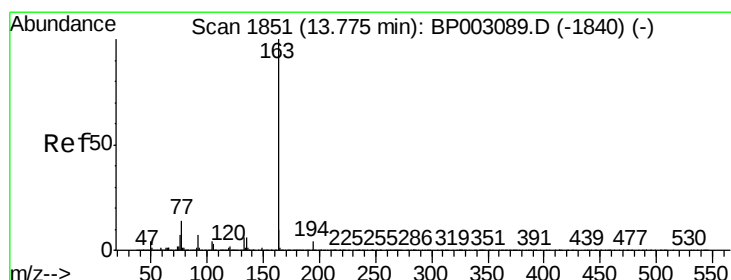
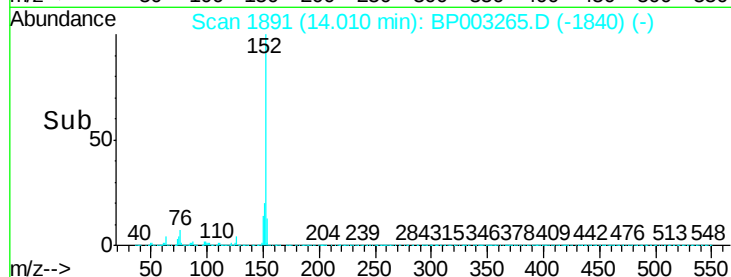
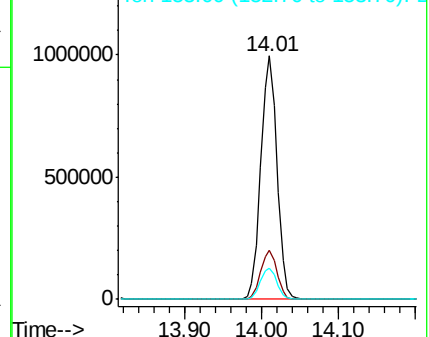
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.0	10.5	15.7



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: 49.903 ng

RT: 13.76 min Scan# 1848

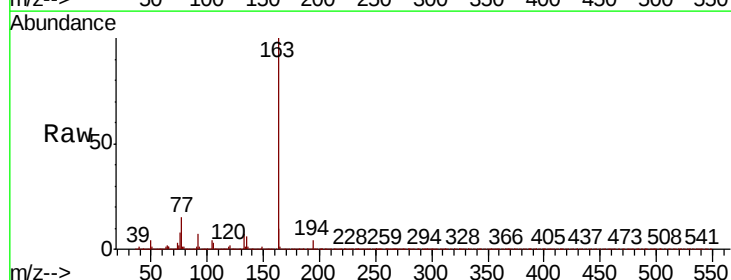
Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion:163 Resp: 1436488

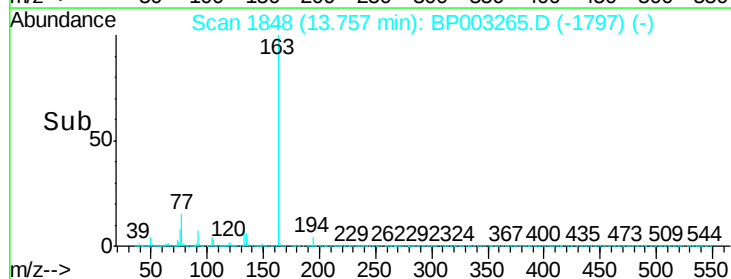
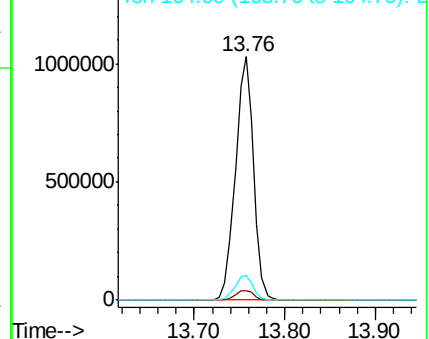
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2

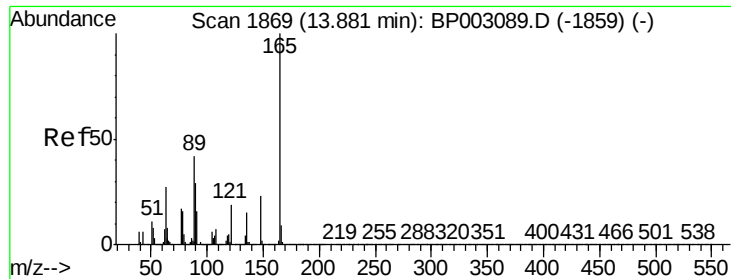


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

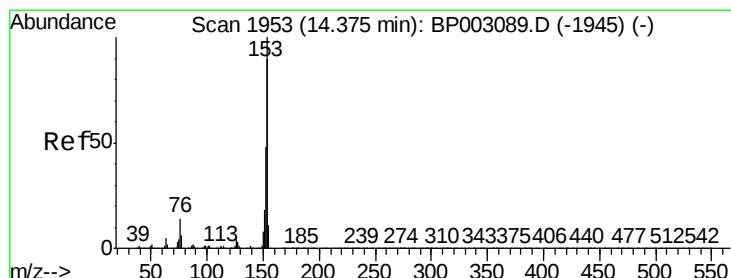
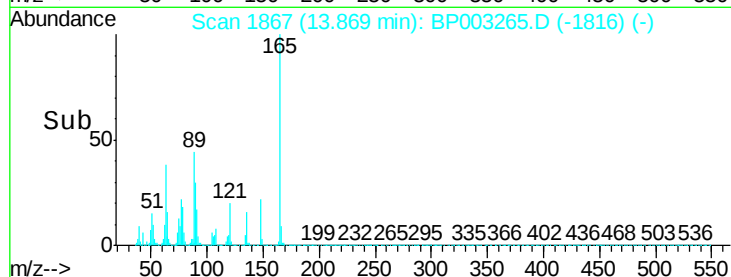
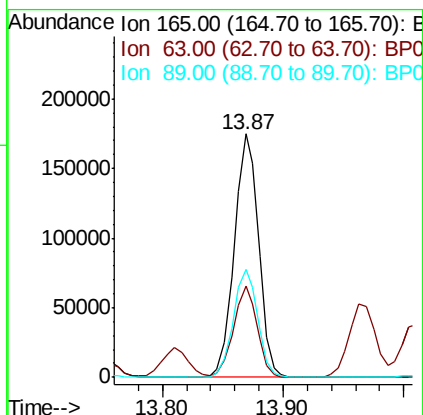
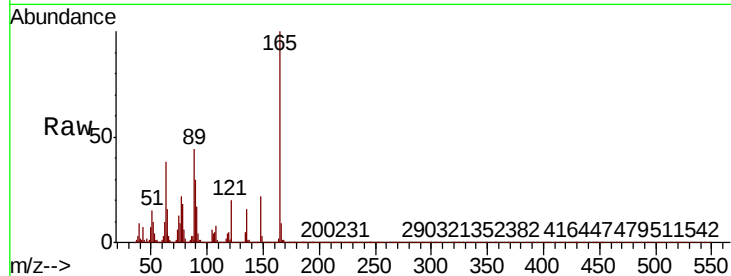




#51
2,6-Dinitrotoluene
Concen: 40.759 ng
RT: 13.87 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

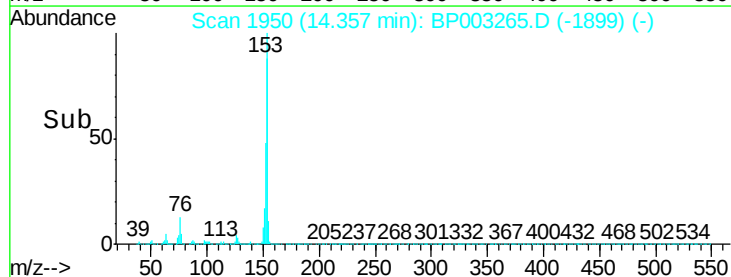
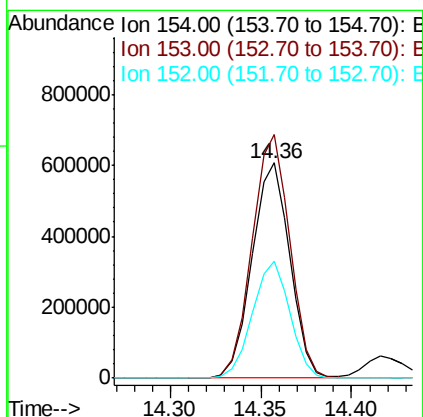
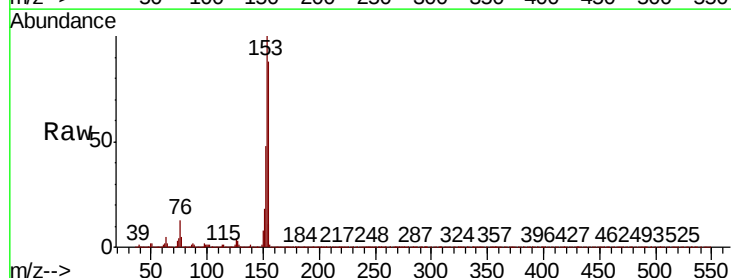
Instrument :
BNA_P
ClientSampleId :
357MSD

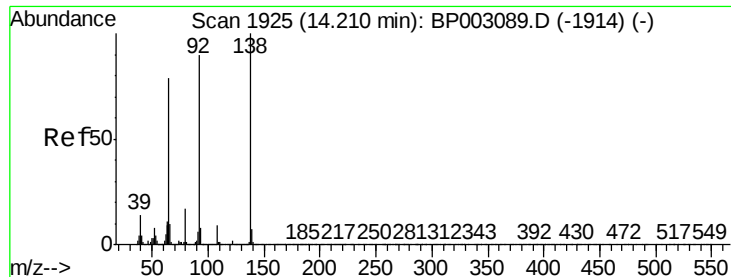
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	27.8	41.6
89	44.1	34.6	52.0



#52
Acenaphthene
Concen: 40.856 ng
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.0	136.6
152	54.3	43.0	64.6

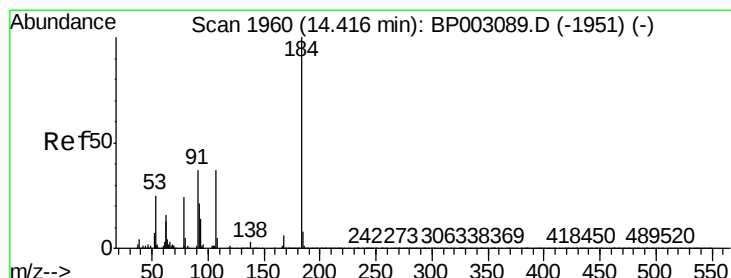
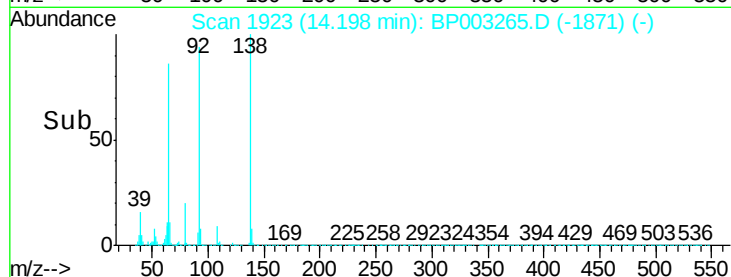
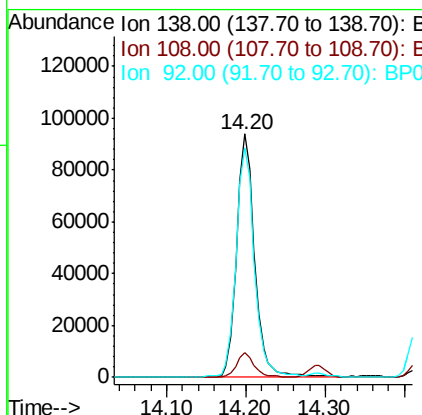
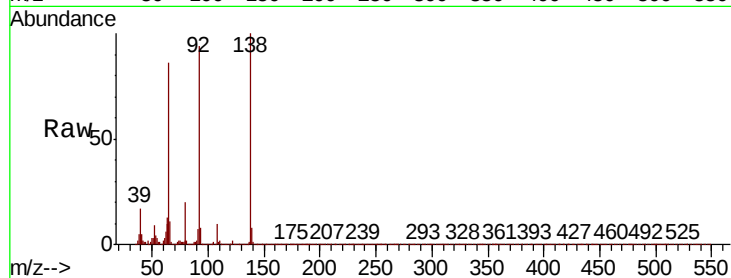




#53
 3-Nitroaniline
 Concen: 21.784 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

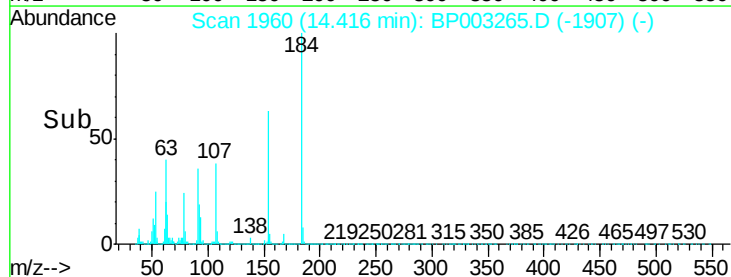
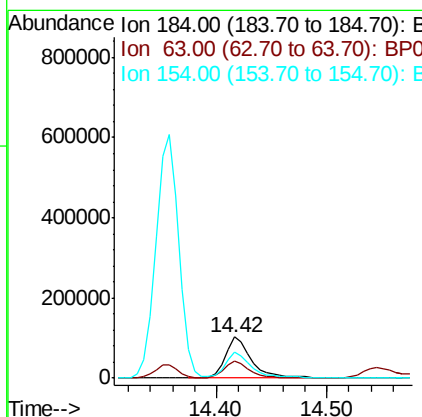
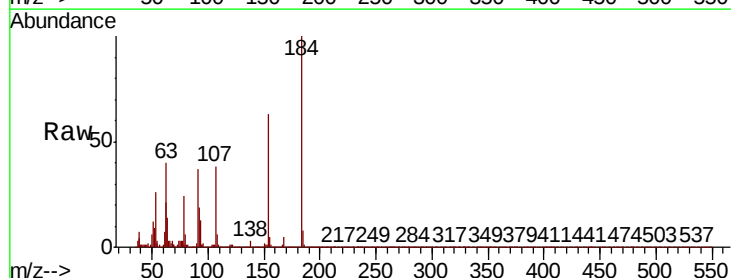
Instrument :
 BNA_P
 ClientSampleId :
 357MSD

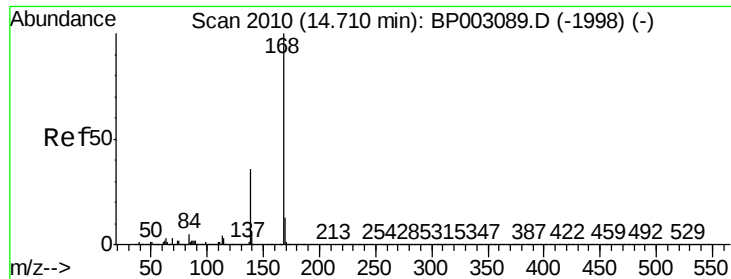
Tot Ion:138 Resp: 147657
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.5 11.3
 92 94.5 75.0 112.6



#54
 2,4-Dinitrophenol
 Concen: 55.040 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion:184 Resp: 171122
 Ion Ratio Lower Upper
 184 100
 63 40.3 32.3 48.5
 154 63.1 49.1 73.7





#55

Dibenzofuran

Concen: 40.191 ng

RT: 14.69 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

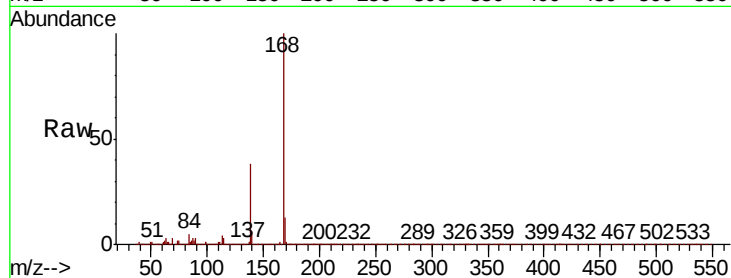
BNA_P

ClientSampleId :

357MSD

Tot Ion:168 Resp: 1358961

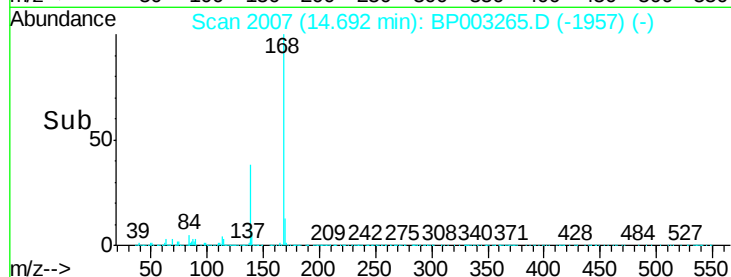
Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.1	43.7
169	13.5	10.4	15.6



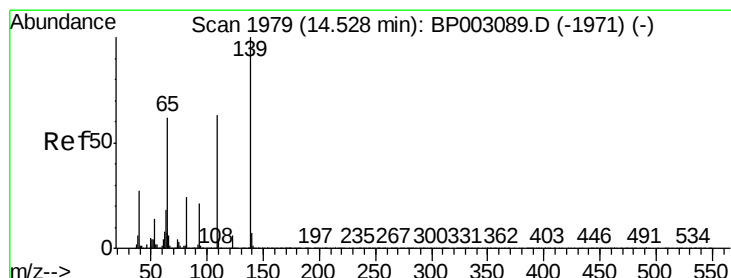
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 66.471 ng

RT: 14.55 min Scan# 1982

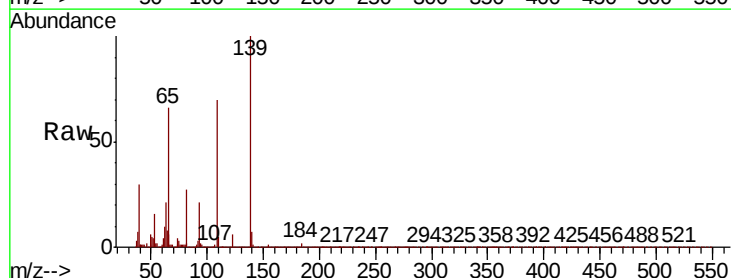
Delta R.T. 0.02 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion:139 Resp: 324142

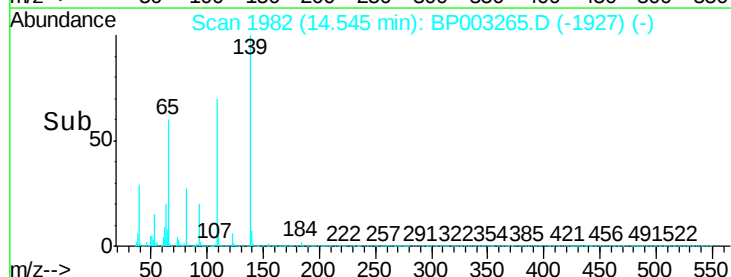
Ion	Ratio	Lower	Upper
139	100		
109	69.9	44.6	84.6
65	65.9	41.6	81.6



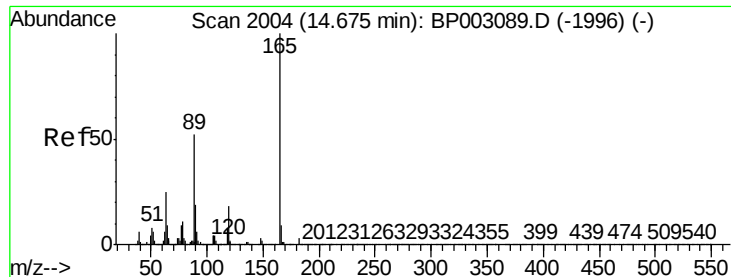
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0



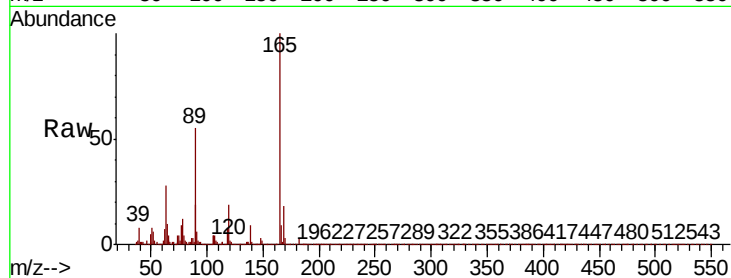
Time-->



#57
2,4-Dinitrotoluene
Concen: 39.037 ng
RT: 14.67 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Instrument :
BNA_P
ClientSampleId :
357MSD

Tot Ion:165	Resp:	314020
Ion	Ratio	Lower Upper
165	100	
63	27.5	20.6 31.0
89	54.6	42.6 63.8
182	3.1	2.4 3.6

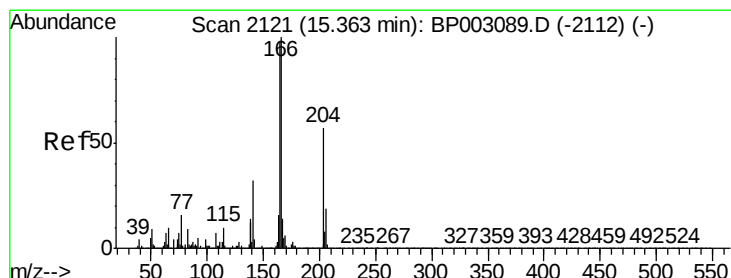
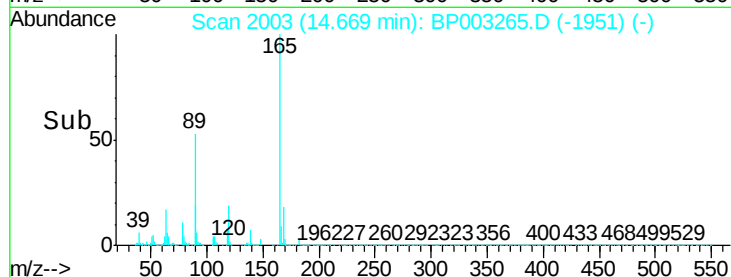
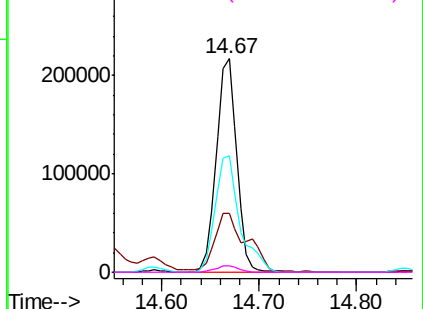


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

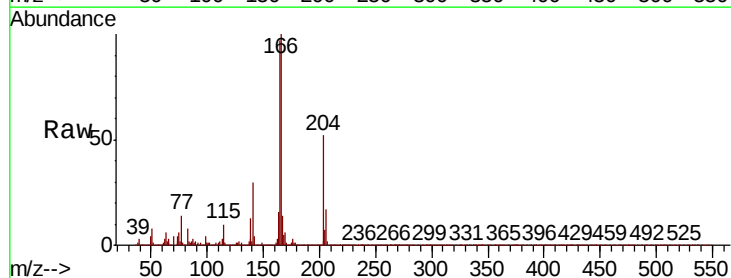
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.460 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

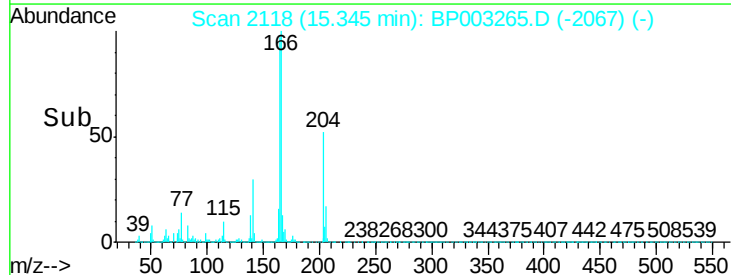
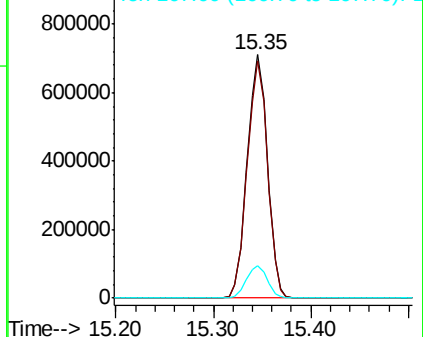
Tgt Ion:166	Resp:	1027804
Ion	Ratio	Lower Upper
166	100	
165	97.3	77.8 116.8
167	13.5	11.0 16.4

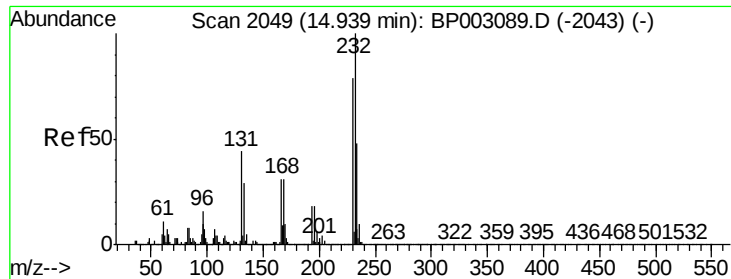


Abundance Ion 166.00 (165.70 to 166.70): E

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: 38.175 ng

RT: 14.93 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

Tot Ion:232 Resp: 268762

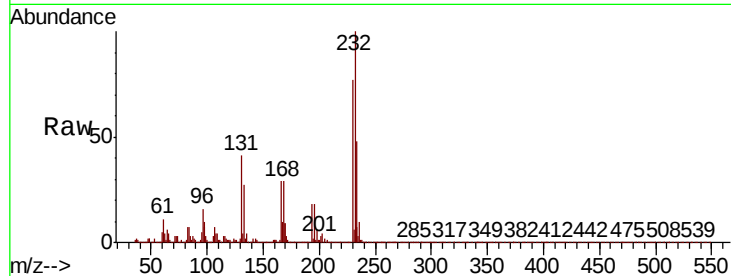
Ion Ratio Lower Upper

232 100

131 41.0 34.1 51.1

130 2.1 1.8 2.8

166 29.6 24.6 36.8

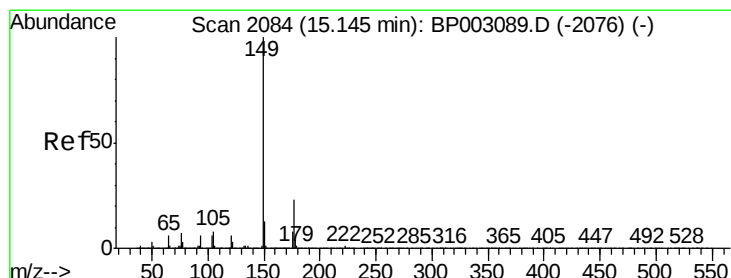
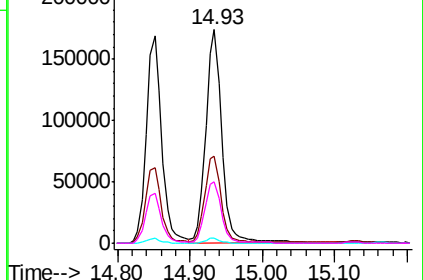
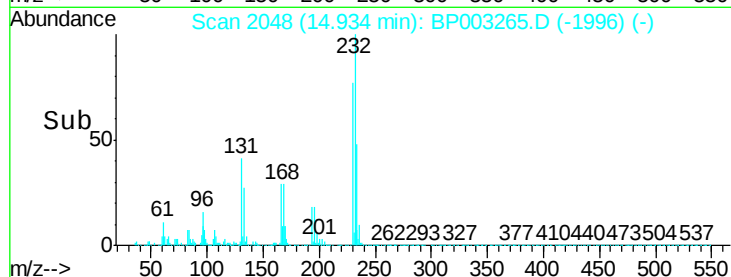


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.216 ng

RT: 15.13 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

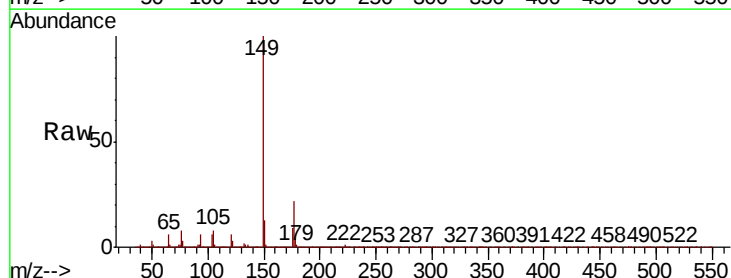
Tgt Ion:149 Resp: 1051043

Ion Ratio Lower Upper

149 100

177 22.5 18.0 27.0

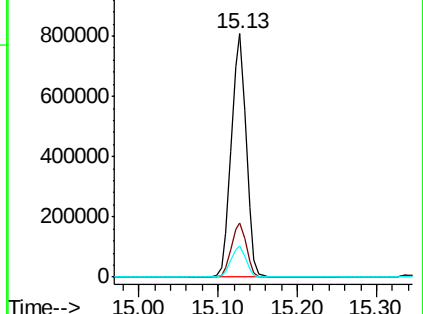
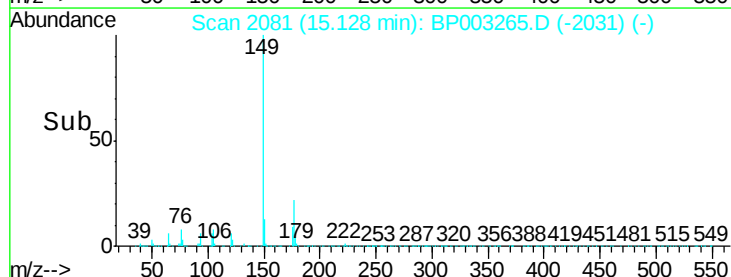
150 12.7 10.0 15.0

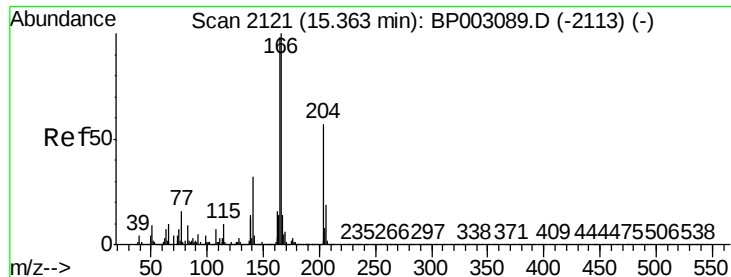


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

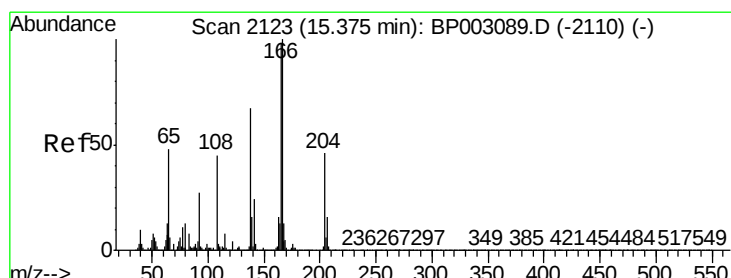
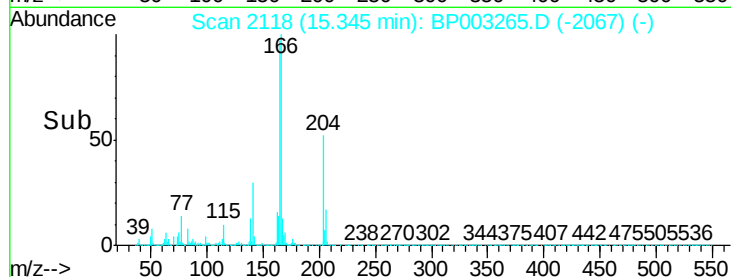
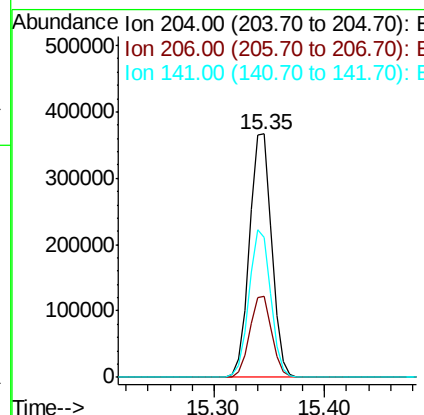
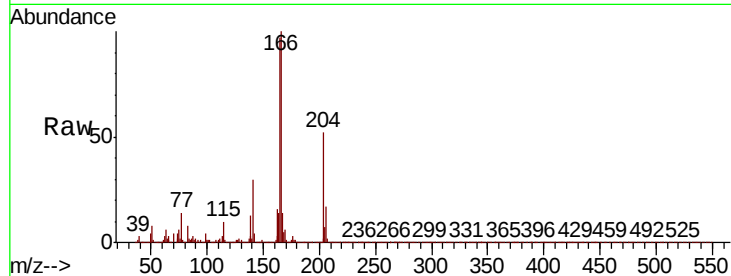




#61
4-Chlorophenyl-phenylether
Concen: 38.636 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

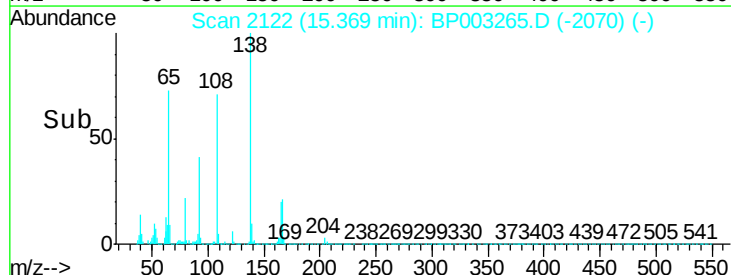
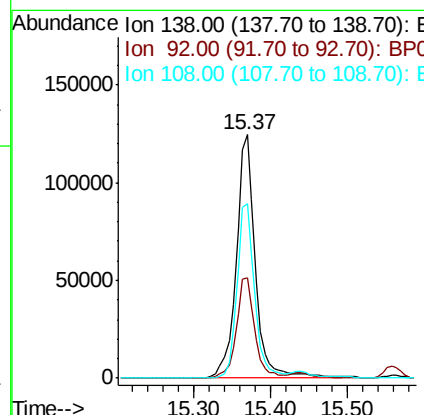
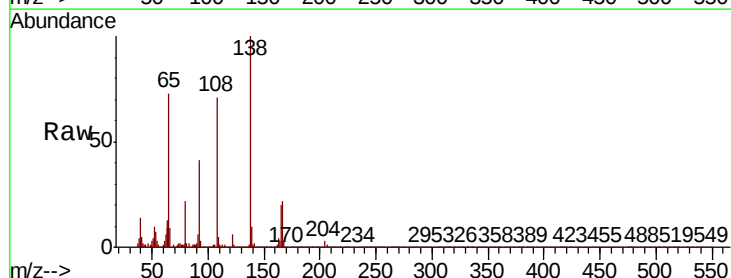
Instrument :
BNA_P
ClientSampleId :
357MSD

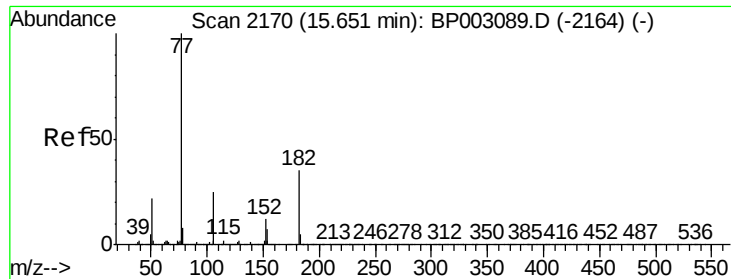
Tot Ion:204 Resp: 519688
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 57.4 46.5 69.7



#62
4-Nitroaniline
Concen: 30.845 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:138 Resp: 214913
Ion Ratio Lower Upper
138 100
92 41.4 20.7 60.7
108 71.4 47.8 87.8

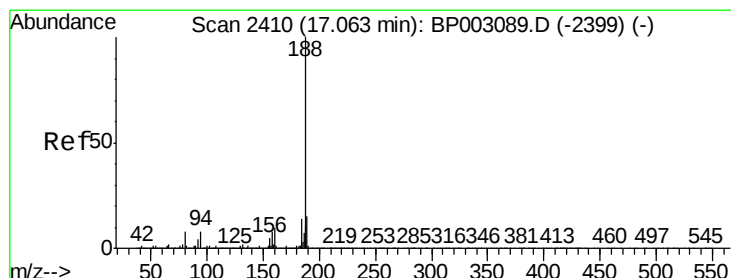
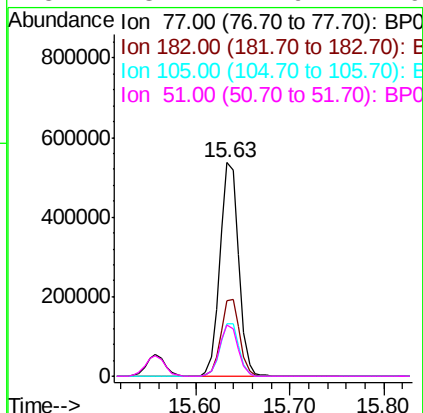
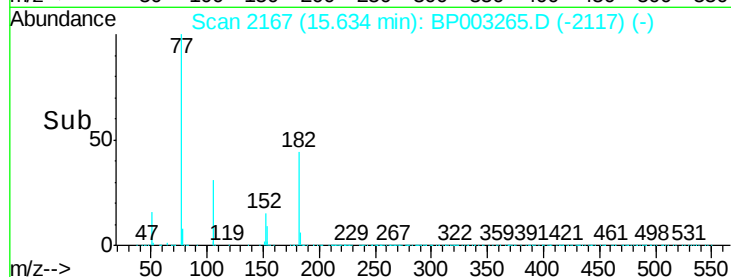
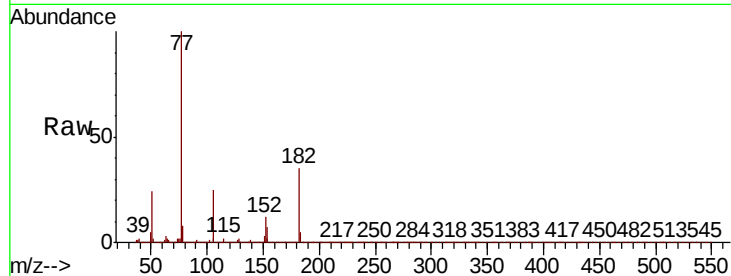




#63
Azobenzene
Concen: 39.672 ng
RT: 15.63 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

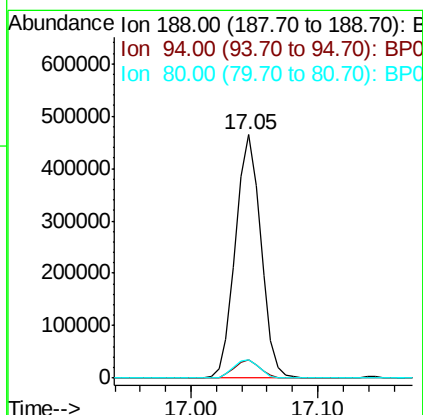
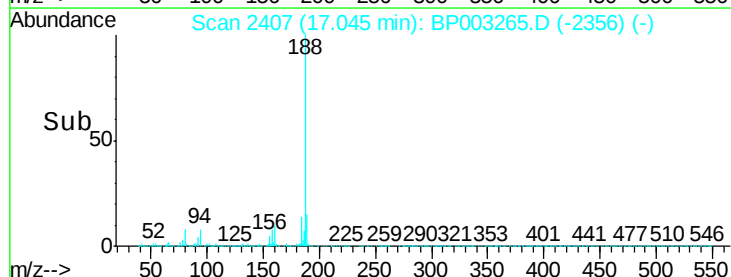
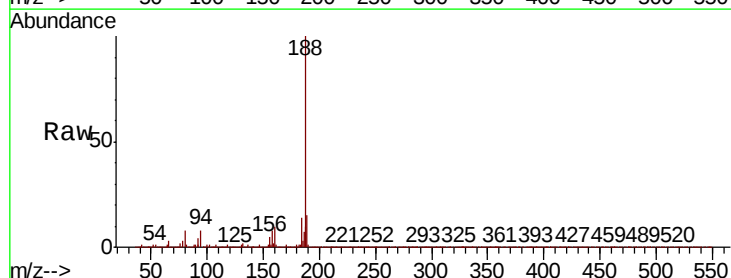
Instrument :
BNA_P
ClientSampleId :
357MSD

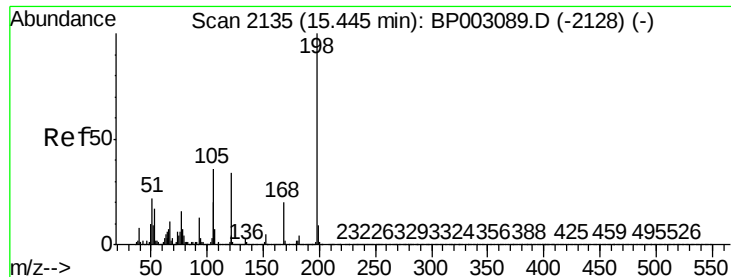
Tot Ion:	77	Resp:	743597
Ion	Ratio	Lower	Upper
77	100		
182	35.2	16.9	56.9
105	24.6	5.6	45.6
51	23.7	2.9	42.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:	188	Resp:	643189
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.2
80	7.7	6.2	9.2

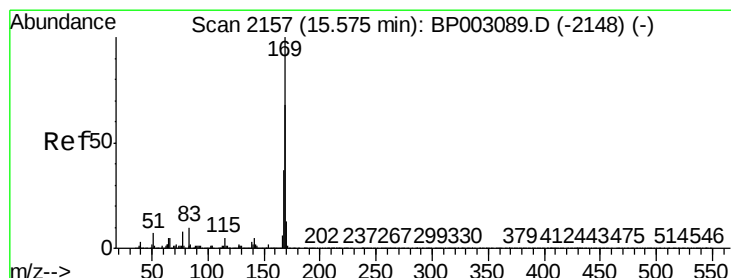
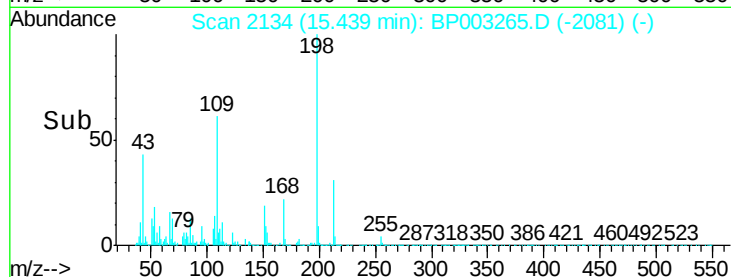
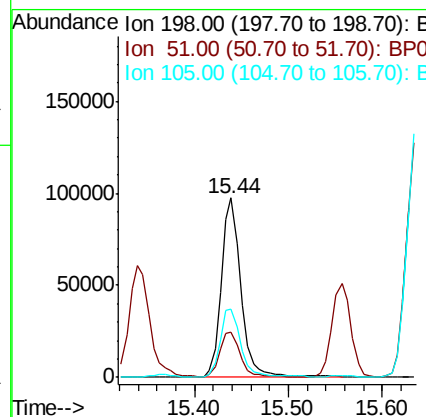
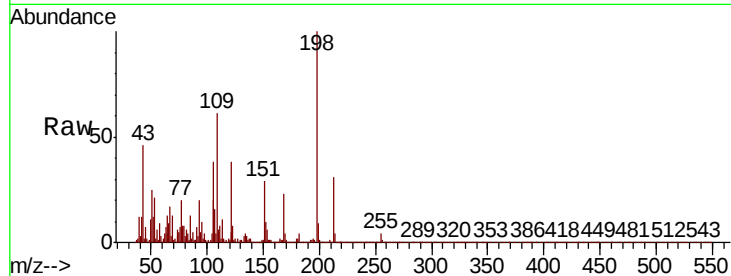




#65
4,6-Dinitro-2-methylphenol
Concen: 46.578 ng
RT: 15.44 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

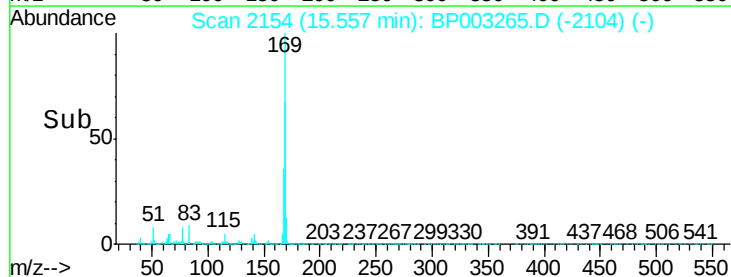
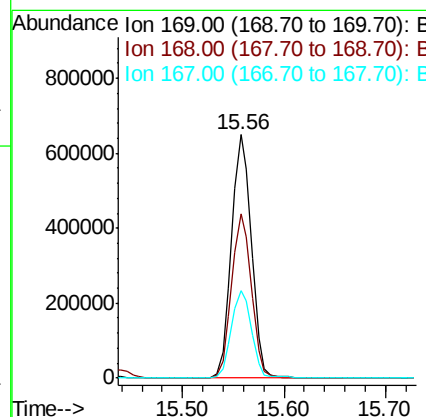
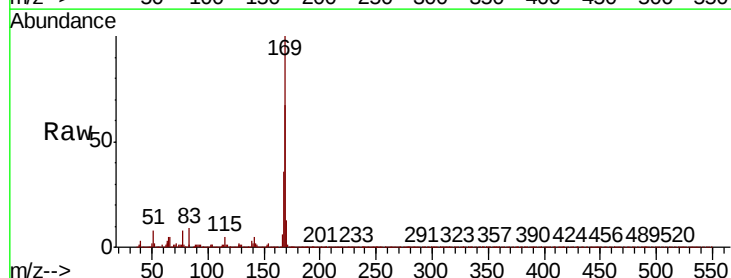
Instrument :
BNA_P
ClientSampleId :
357MSD

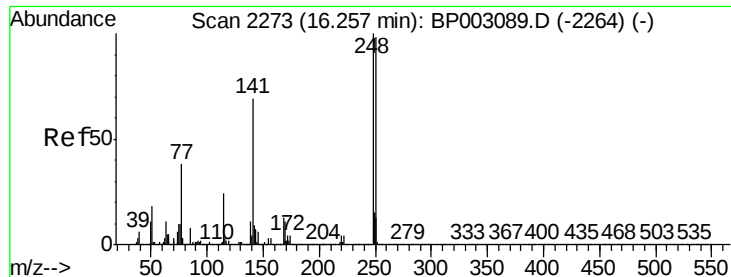
Tot Ion:198 Resp: 143272
Ion Ratio Lower Upper
198 100
51 25.1 6.4 46.4
105 37.9 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 47.031 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:169 Resp: 884510
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 36.0 28.9 43.3

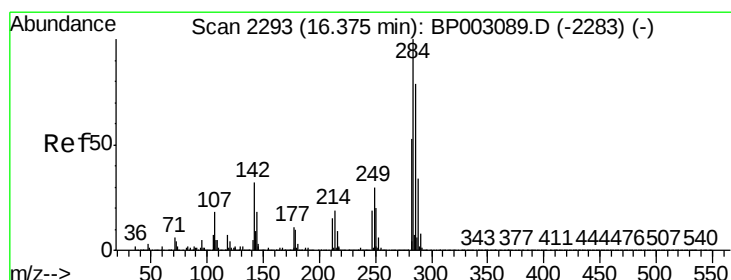
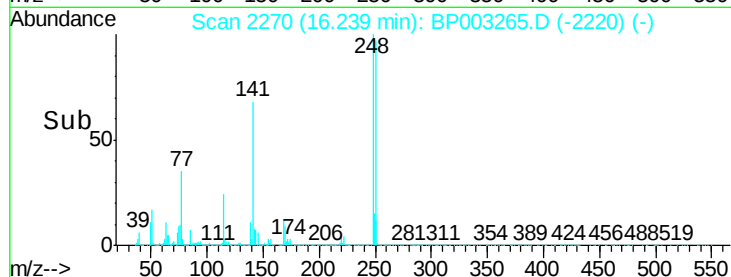
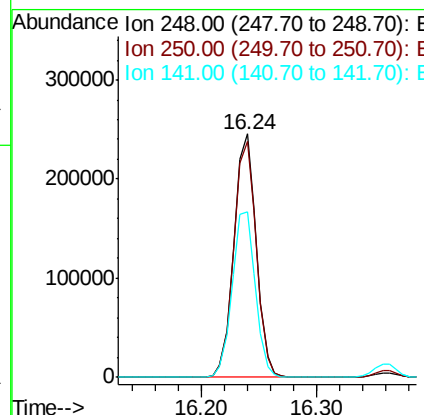
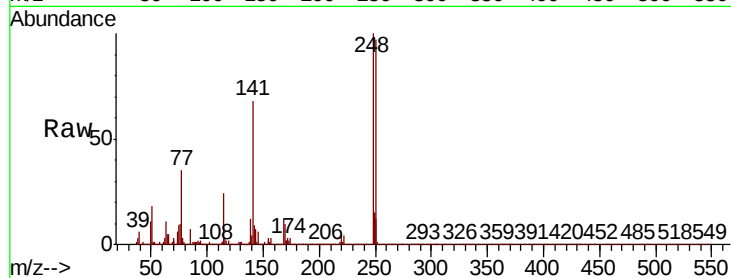




#67
4-Bromophenyl-phenylether
Concen: 46.162 ng
RT: 16.24 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

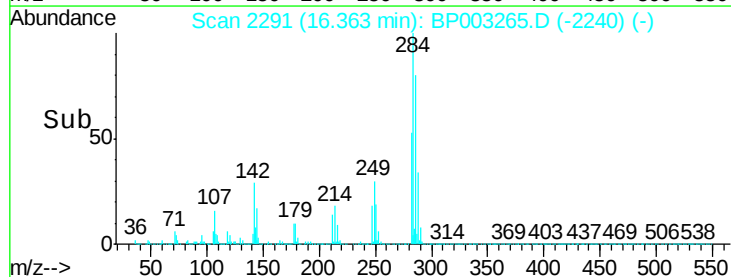
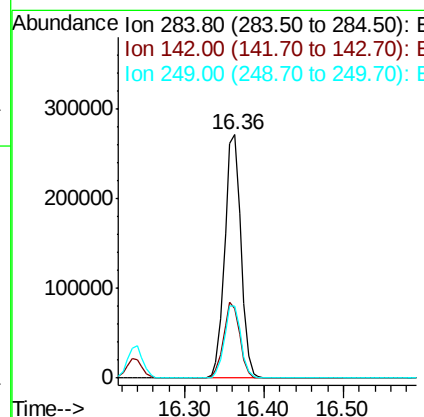
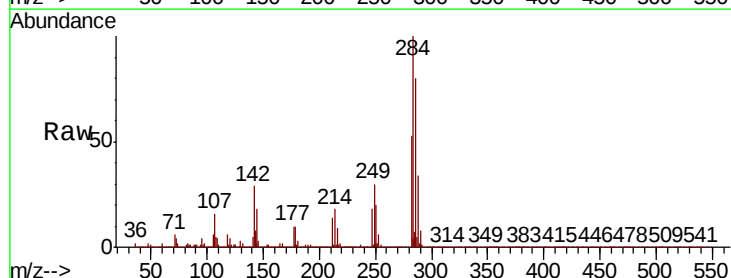
Instrument :
BNA_P
ClientSampleId :
357MSD

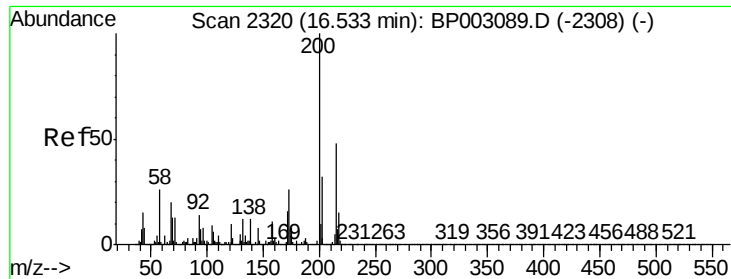
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.7	115.1
141	67.9	53.0	79.6



#68
Hexachlorobenzene
Concen: 45.213 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.2	36.4
249	29.6	23.8	35.8





#69

Atrazine

Concen: 33.805 ng

RT: 16.52 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

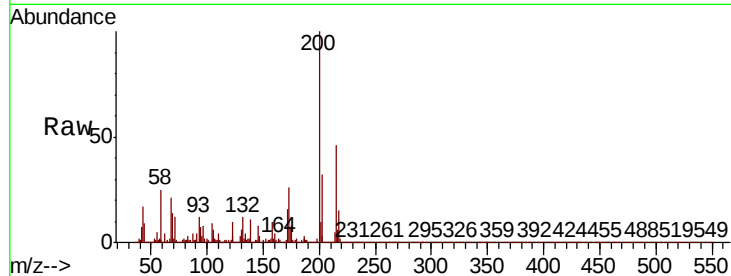
Tot Ion:200 Resp: 214432

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

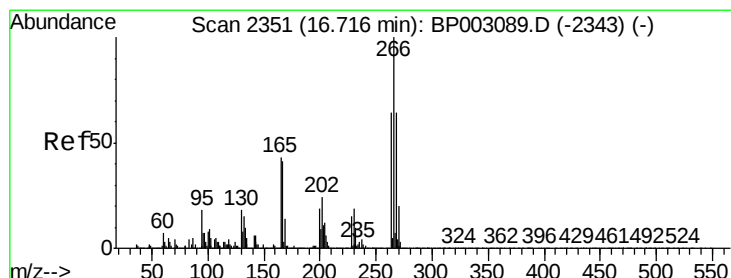
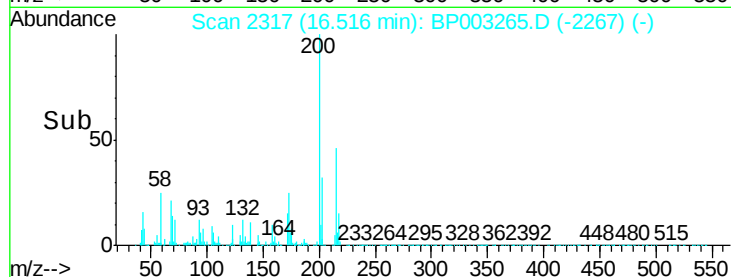
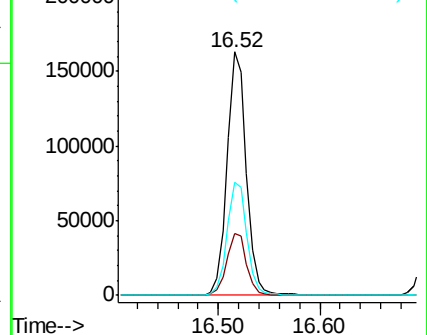
215 46.2 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.785 ng

RT: 16.71 min Scan# 2350

Delta R.T. 0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

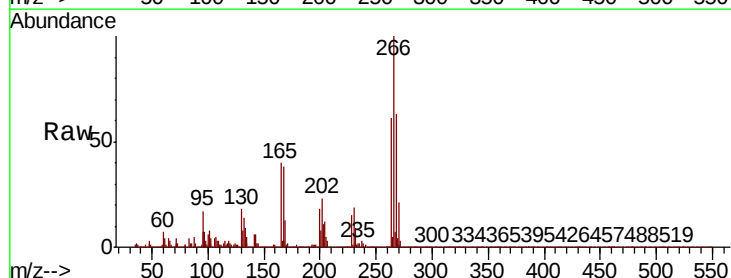
Tgt Ion:266 Resp: 314361

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

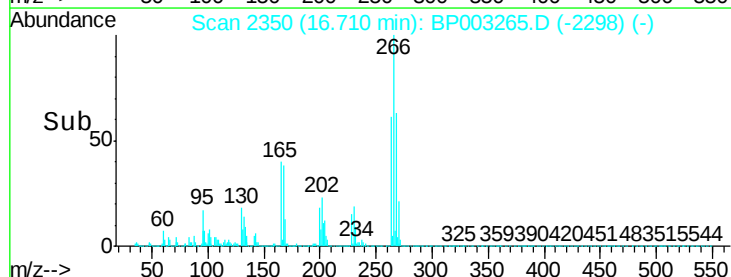
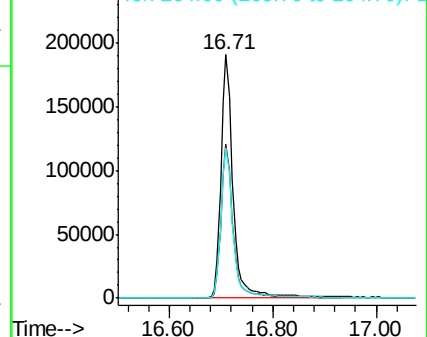
264 61.5 50.6 76.0

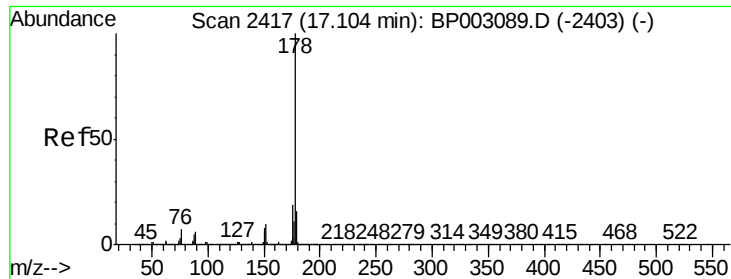


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

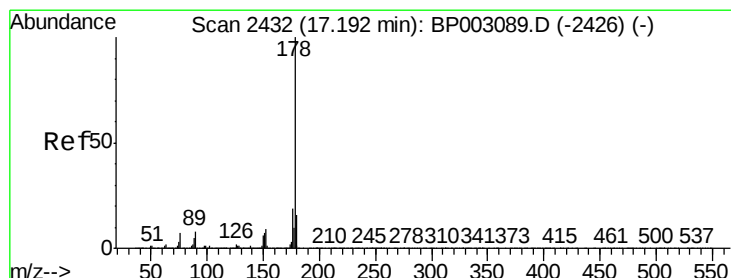
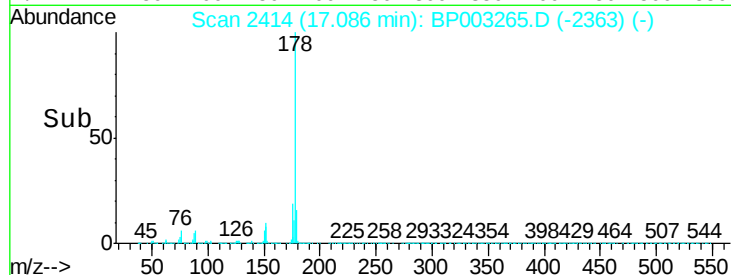
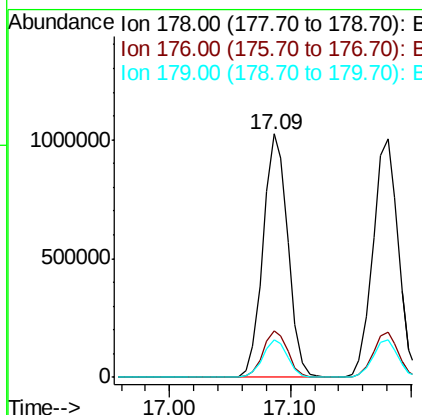
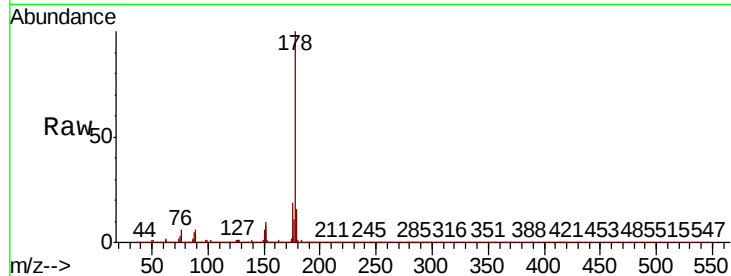




#71
Phenanthrene
Concen: 42.053 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

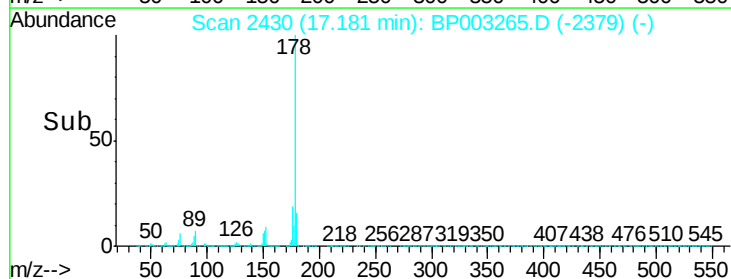
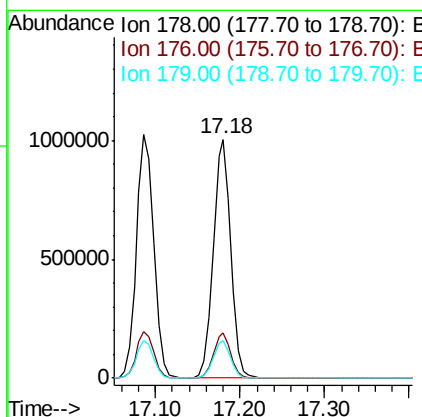
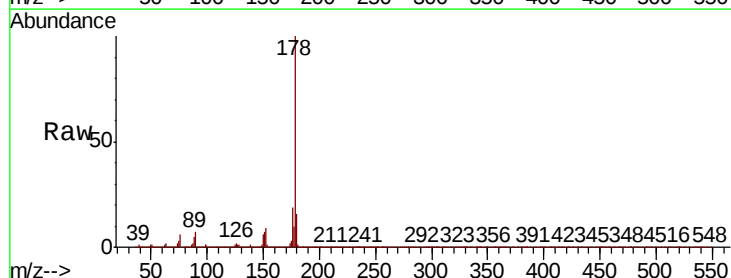
Instrument :
BNA_P
ClientSampleId :
357MSD

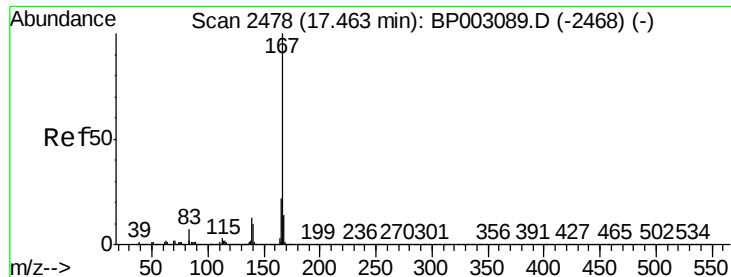
Tot Ion:178 Resp: 1465636
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 44.093 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:178 Resp: 1470749
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.5 18.7

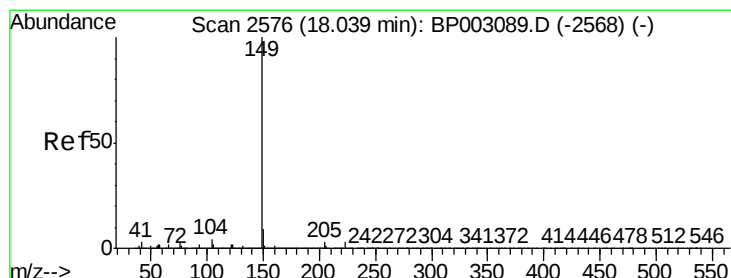
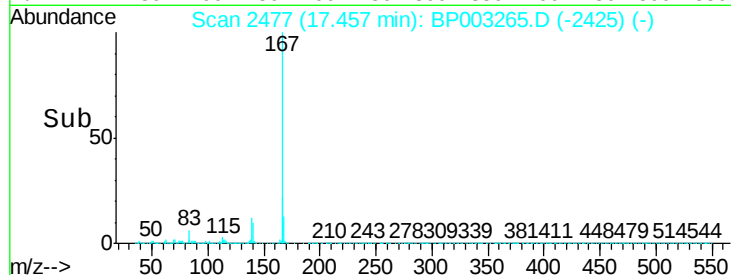
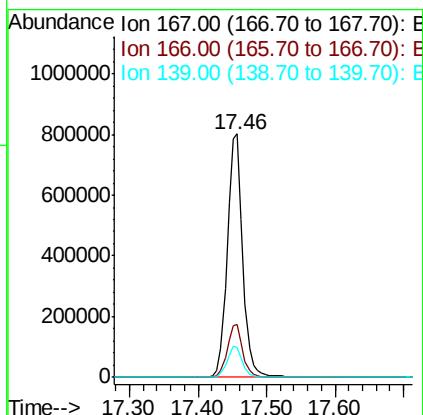
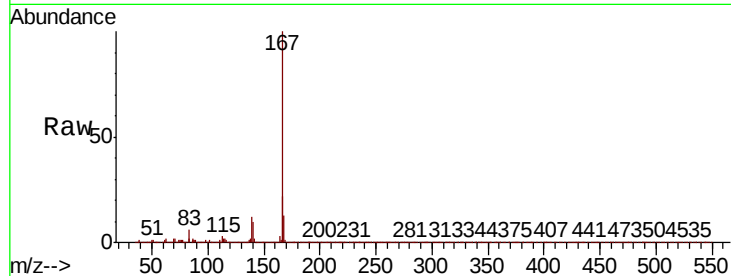




#73
 Carbazole
 Concen: 39.266 ng
 RT: 17.46 min Scan# 2477
 Delta R.T. 0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

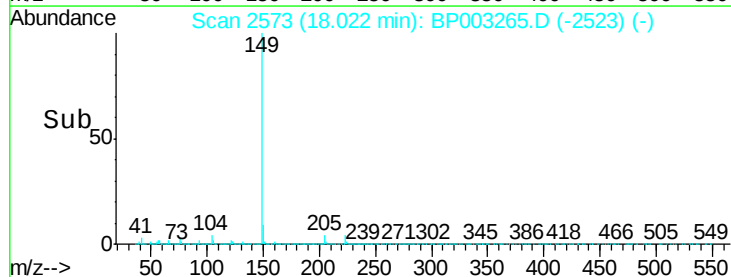
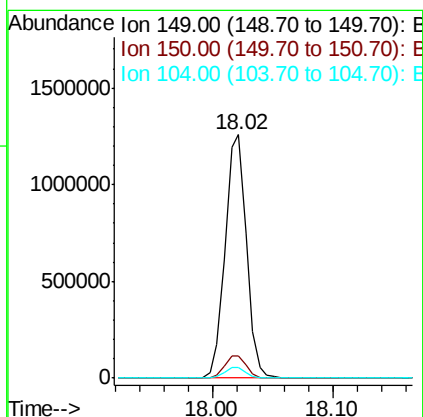
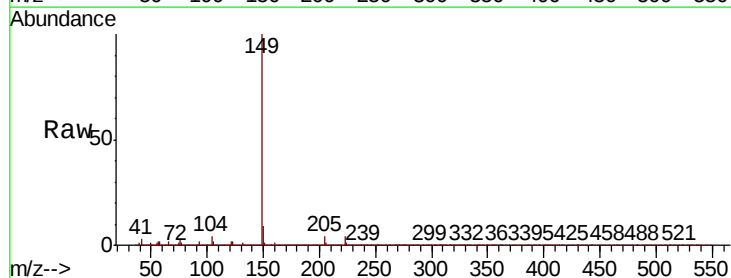
Instrument :
 BNA_P
 ClientSampleId :
 357MSD

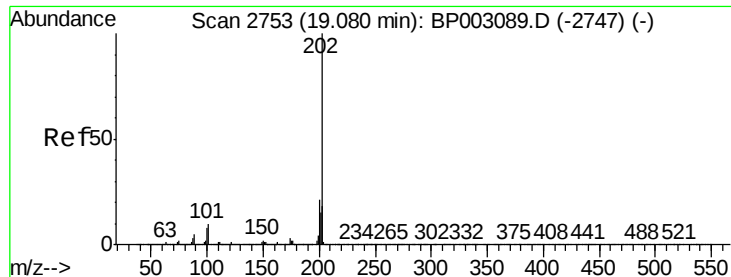
Tot Ion:167 Resp: 1256994
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.820 ng
 RT: 18.02 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion:149 Resp: 1536127
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.2 3.4 5.0





#75

Fluoranthene

Concen: 36.729 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

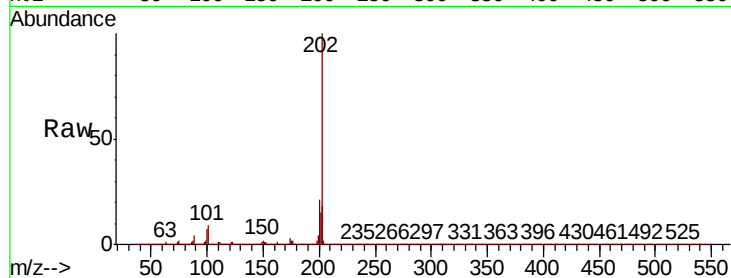
BNA_P

ClientSampleId :

357MSD

Tot Ion:202 Resp: 1479497

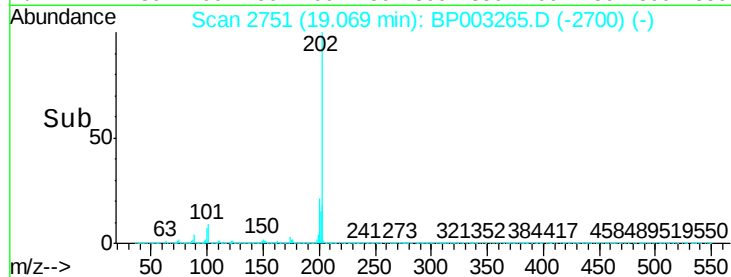
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.4
203	17.9	0.0	37.8



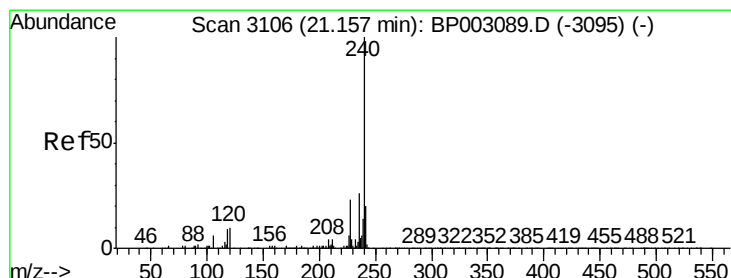
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

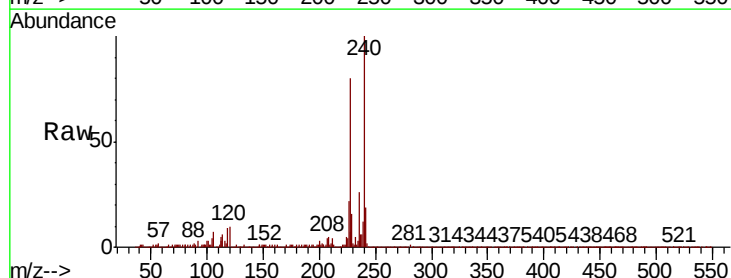
Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion:240 Resp: 538078

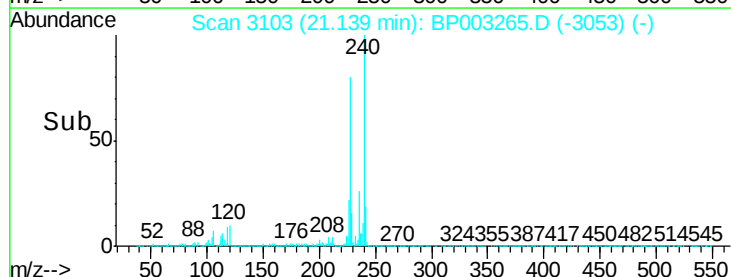
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	25.7	20.8	31.2



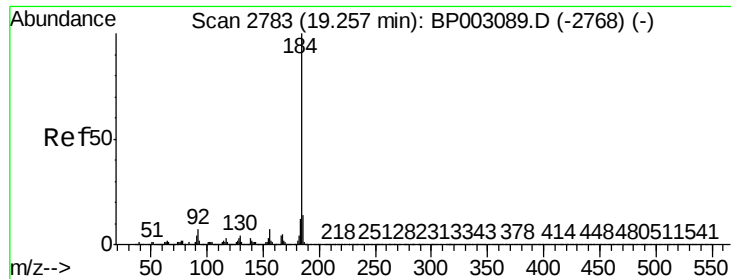
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 43.483 ng

RT: 19.25 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

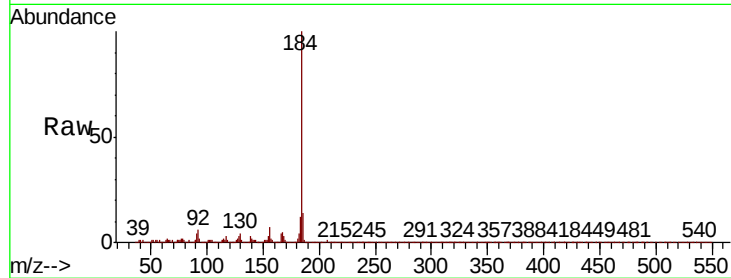
BNA_P

ClientSampleId :

357MSD

Tot Ion:184 Resp: 534743

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	12.1	9.6	14.4

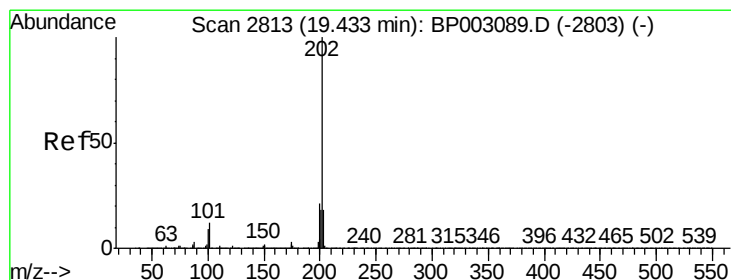
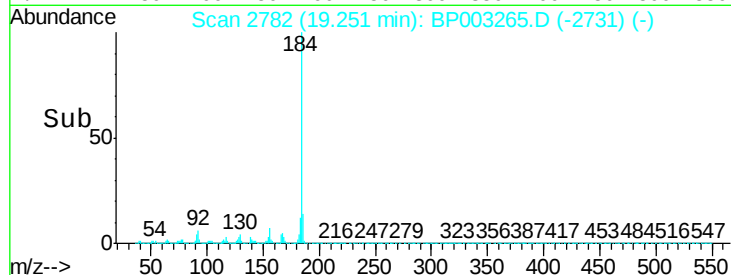
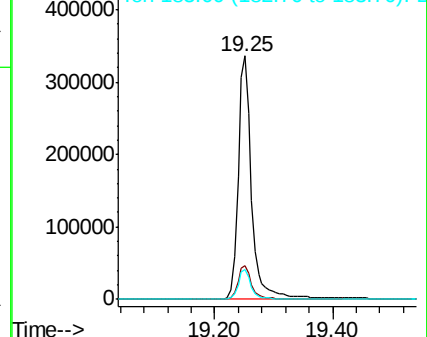


Abundance

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



#78

Pyrene

Concen: 42.659 ng

RT: 19.42 min Scan# 2810

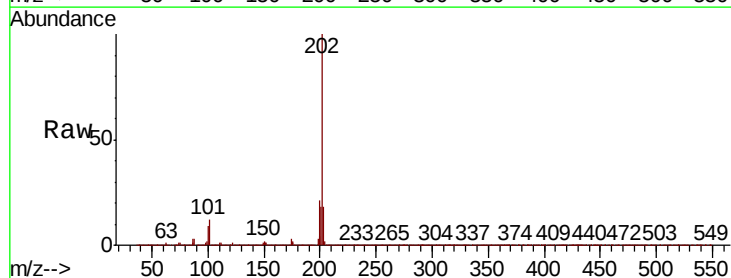
Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion:202 Resp: 1489778

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.6	14.2	21.2

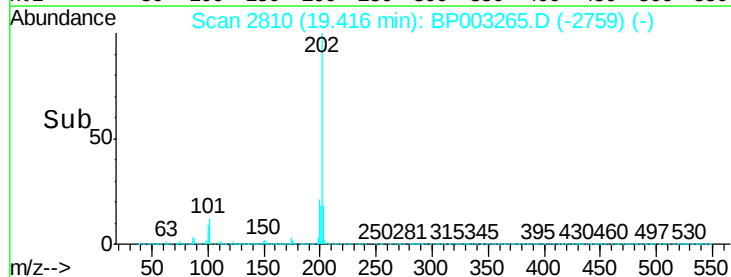
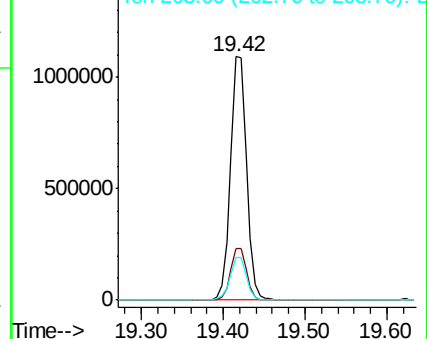


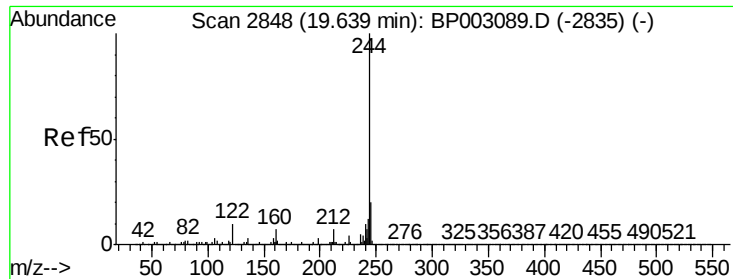
Abundance

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





#79

Terphenyl-d14

Concen: 68.930 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

BNA_P

ClientSampleId :

357MSD

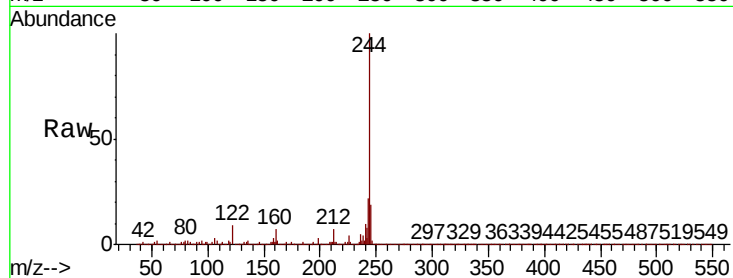
Tot Ion:244 Resp: 1685573

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

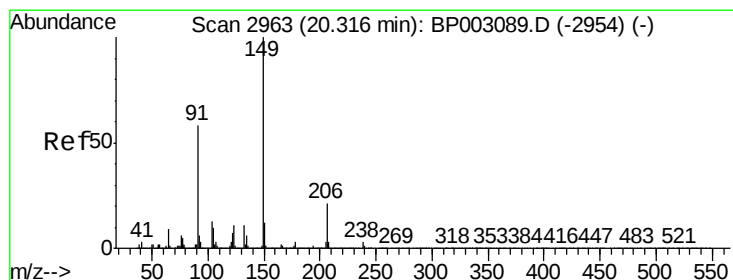
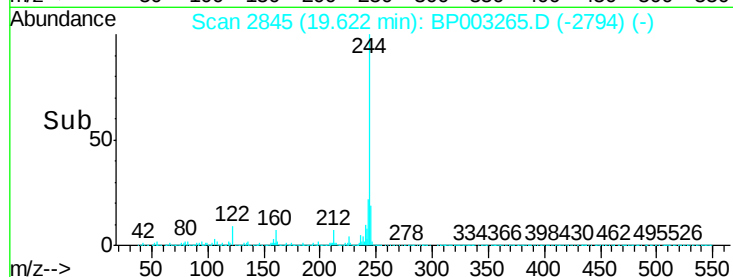
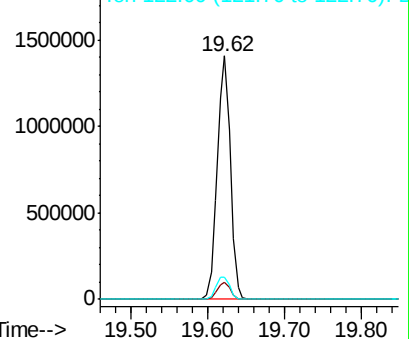
122 9.3 7.8 11.8



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: 41.716 ng

RT: 20.30 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

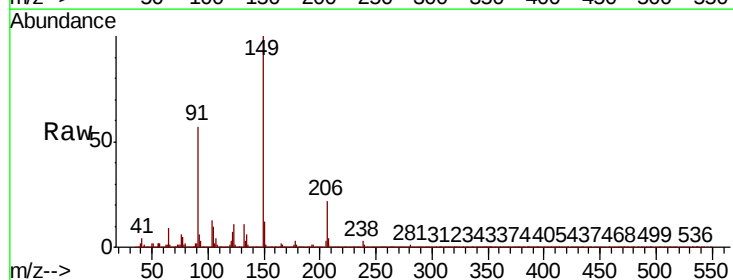
Tgt Ion:149 Resp: 599826

Ion Ratio Lower Upper

149 100

91 57.2 45.4 68.0

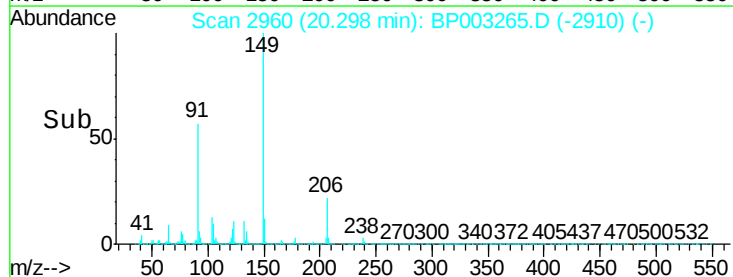
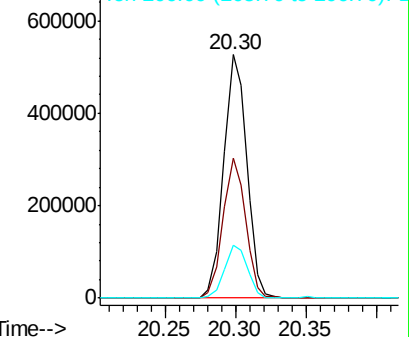
206 21.7 17.1 25.7



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

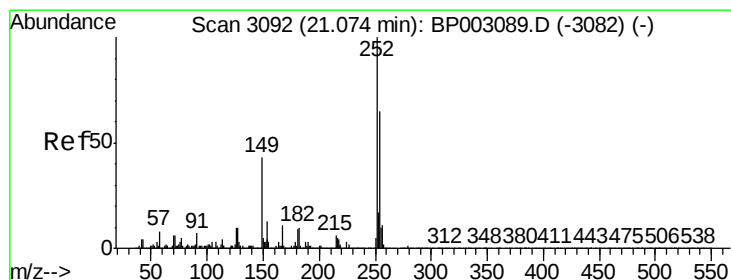
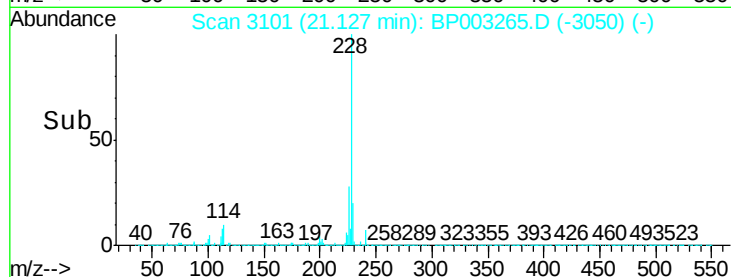
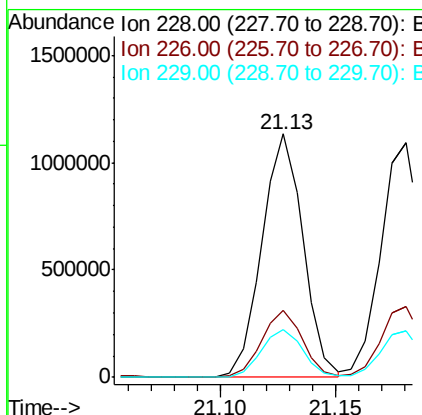
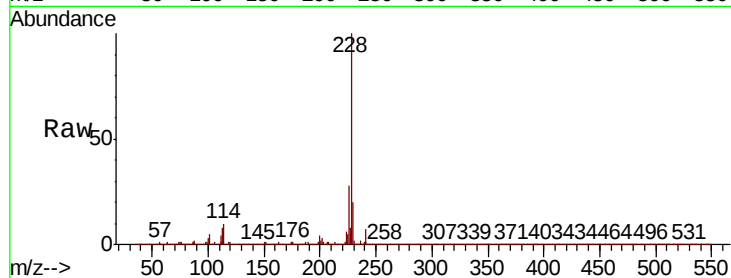




#81
Benzo(a)anthracene
Concen: 41.476 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

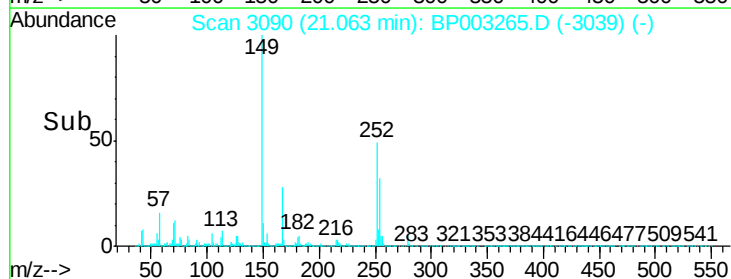
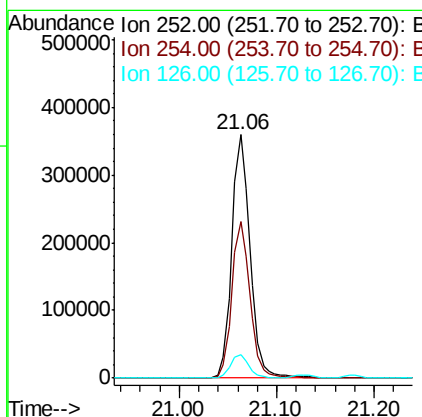
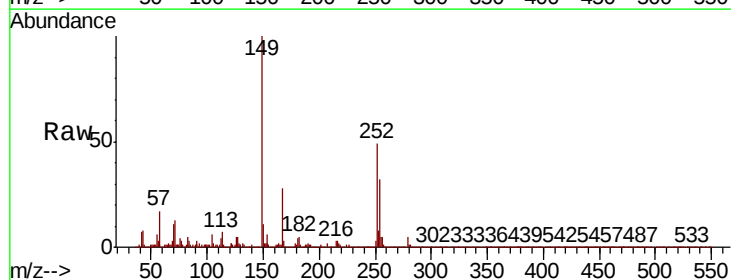
Instrument :
BNA_P
ClientSampleId :
357MSD

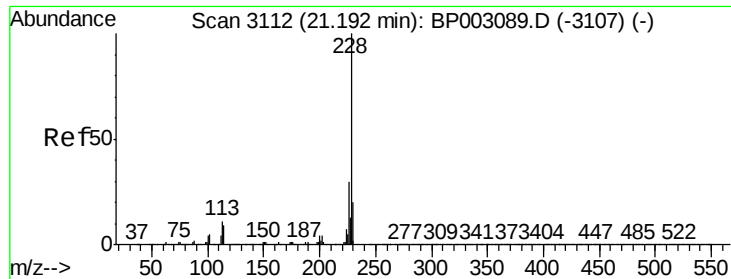
Tot Ion:228 Resp: 1397936
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 37.801 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:252 Resp: 468648
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.4
126 9.8 7.9 11.9





#83

Chrysene

Concen: 42.662 ng

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

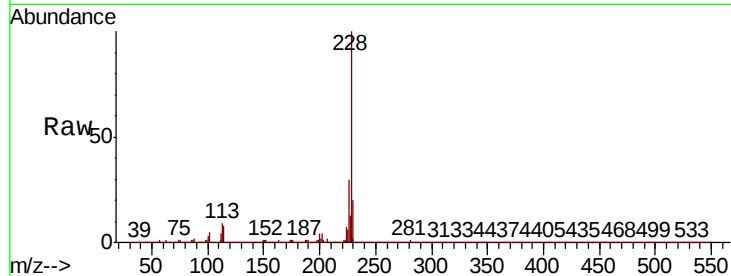
BNA_P

ClientSampleId :

357MSD

Tot Ion:228 Resp: 1376739

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.7	15.8	23.6

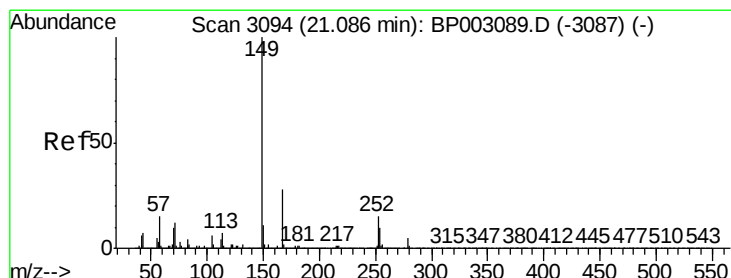
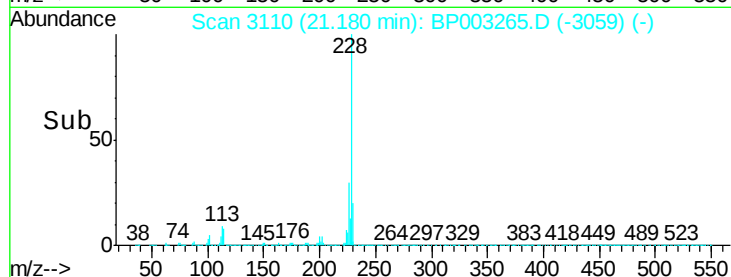
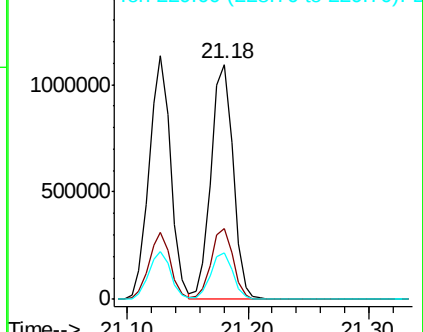


Abundance

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: 42.119 ng

RT: 21.07 min Scan# 3091

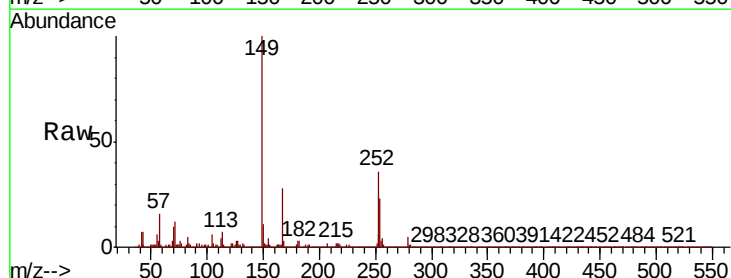
Delta R.T. -0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion:149 Resp: 874611

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	5.3	4.2	6.2

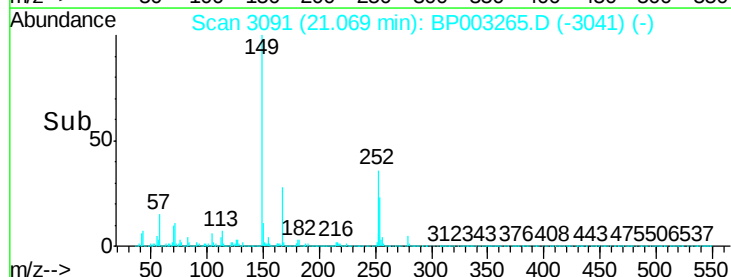
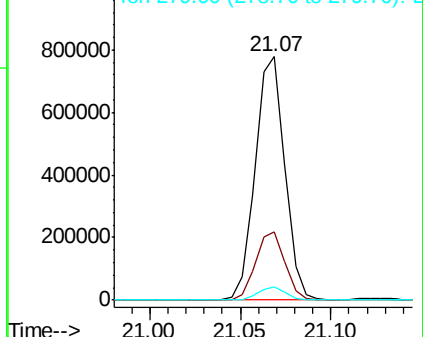


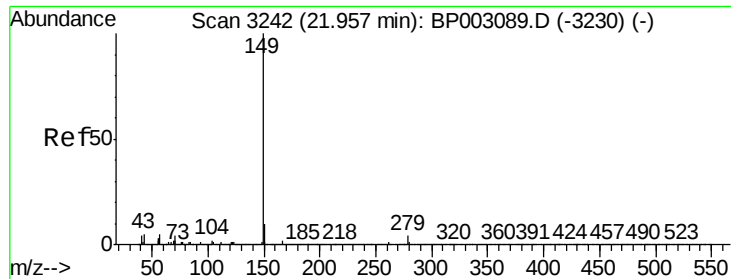
Abundance

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

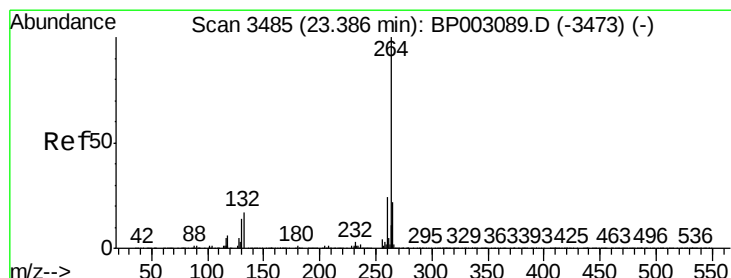
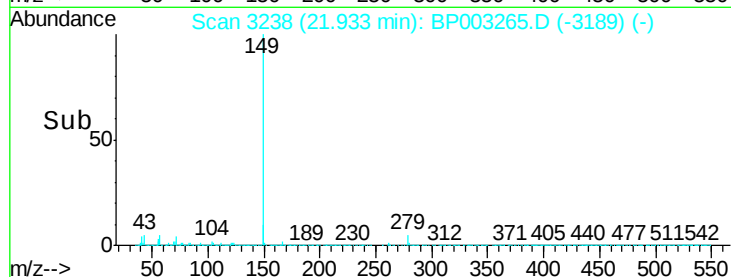
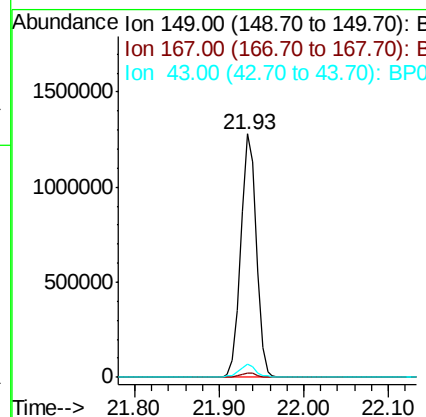
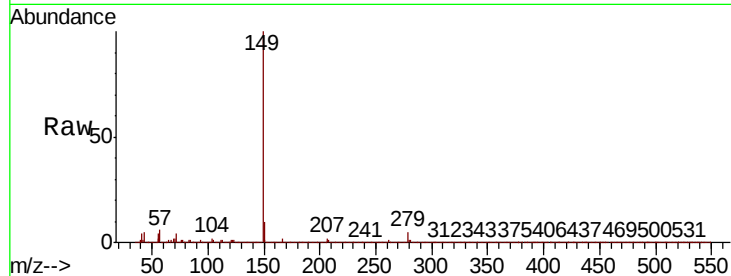




#85
Di-n-octyl phthalate
Concen: 44.525 ng
RT: 21.93 min Scan# 3238
Delta R.T. -0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

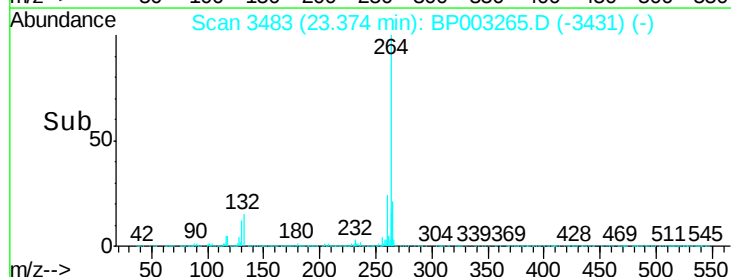
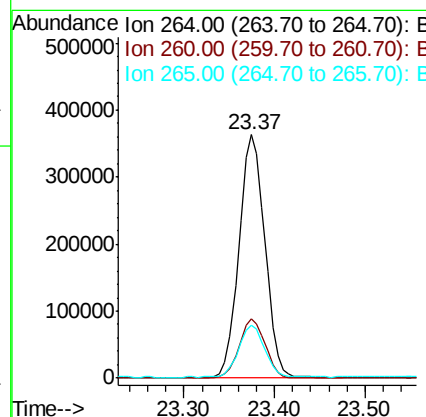
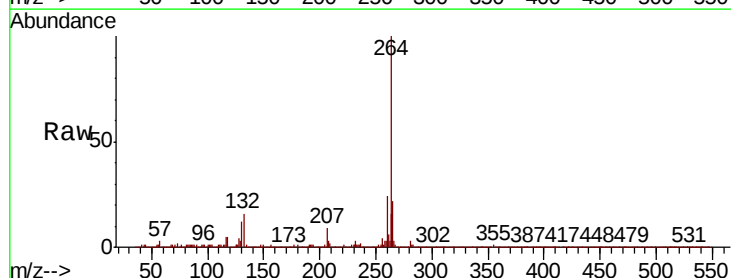
Instrument :
BNA_P
ClientSampleId :
357MSD

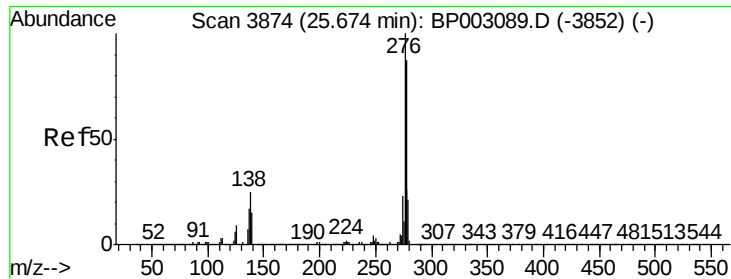
Tot Ion:149 Resp: 1585215
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 4.9 3.7 5.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:264 Resp: 721488
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.7 17.4 26.2



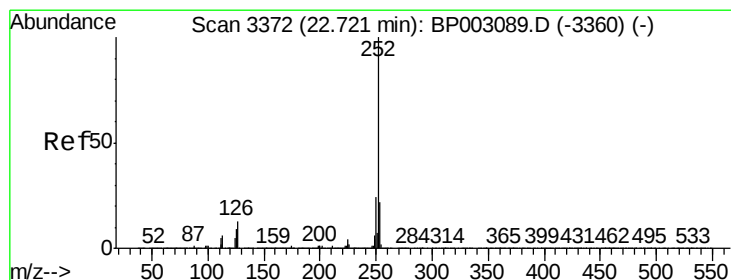
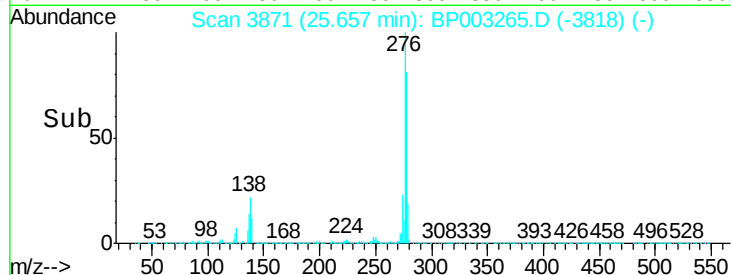
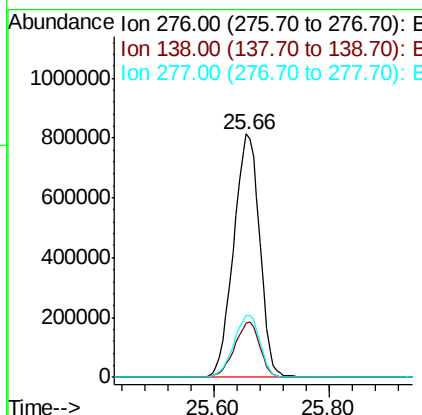
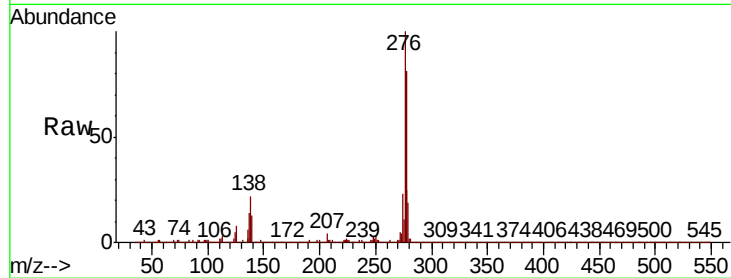


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.096 ng
 RT: 25.66 min Scan# 3871
 Delta R.T. 0.01 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Instrument :
 BNA_P
 ClientSampleId :
 357MSD

Tot Ion:276 Resp: 2534007

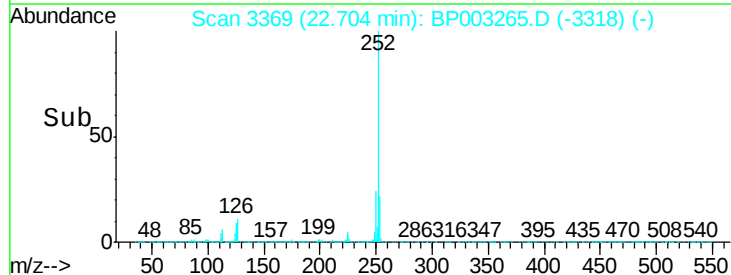
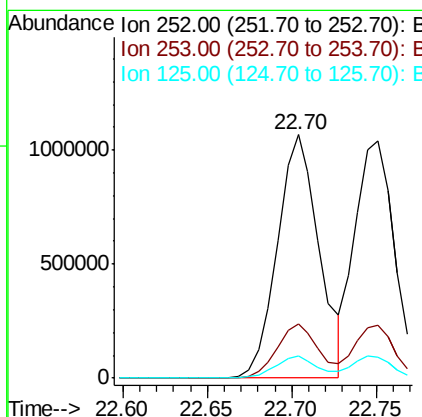
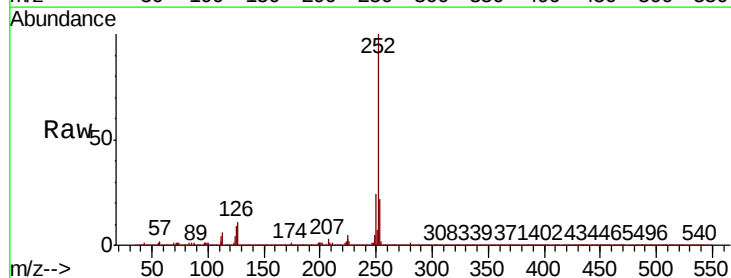
Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.7	28.1
277	25.5	20.4	30.6

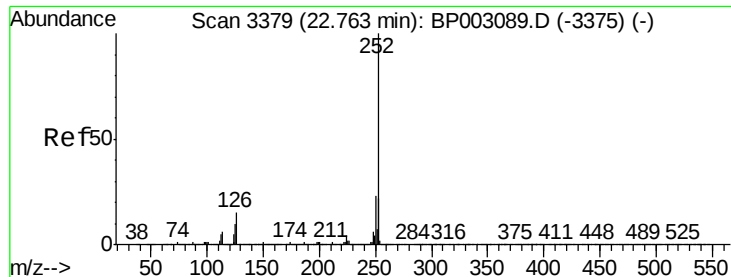


#88
 Benzo(b)fluoranthene
 Concen: 40.829 ng
 RT: 22.70 min Scan# 3369
 Delta R.T. -0.00 min
 Lab File: BP003265.D
 Acq: 11 Sep 2020 17:51

Tgt Ion:252 Resp: 1830902

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.9	7.3	10.9

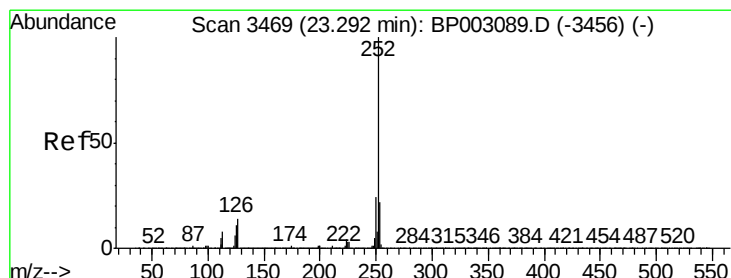
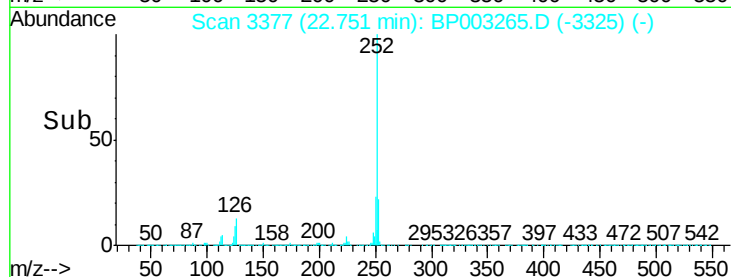
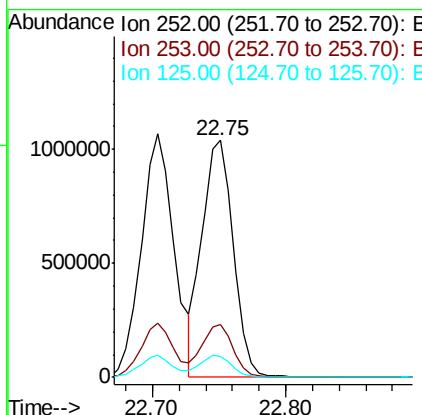
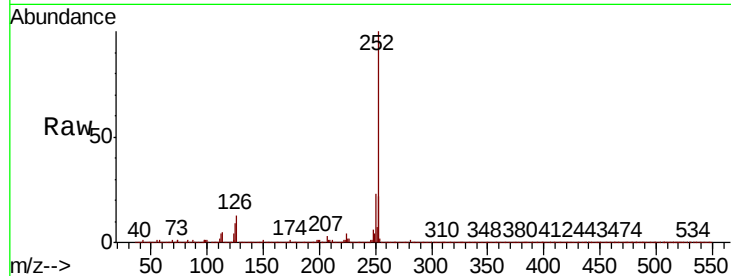




#89
Benzo(k)fluoranthene
Concen: 39.386 ng
RT: 22.75 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

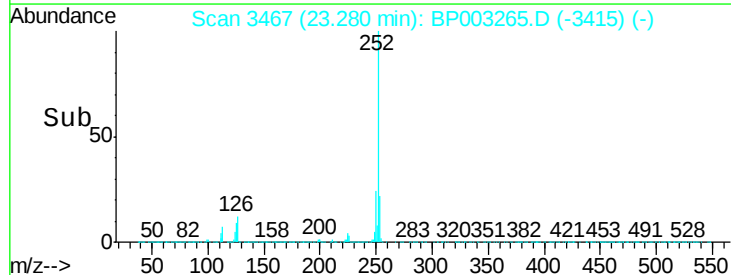
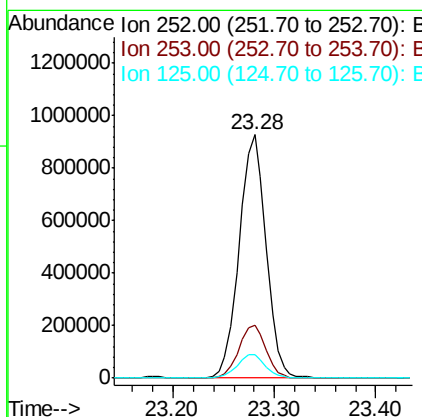
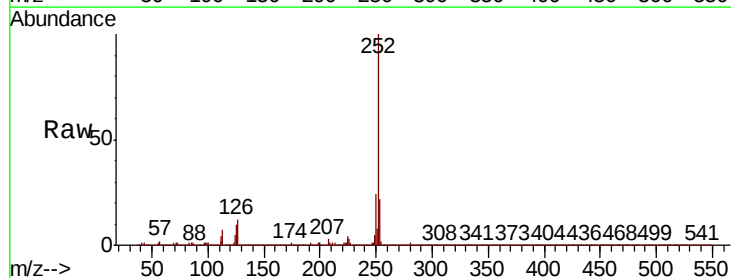
Instrument :
BNA_P
ClientSampleId :
357MSD

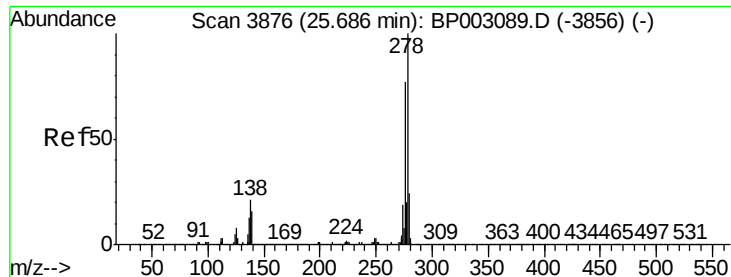
Tot Ion:252 Resp: 1687486
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.926 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003265.D
Acq: 11 Sep 2020 17:51

Tgt Ion:252 Resp: 1702610
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.6 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 47.554 ng

RT: 25.67 min Scan# 3873

Delta R.T. 0.01 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Instrument :

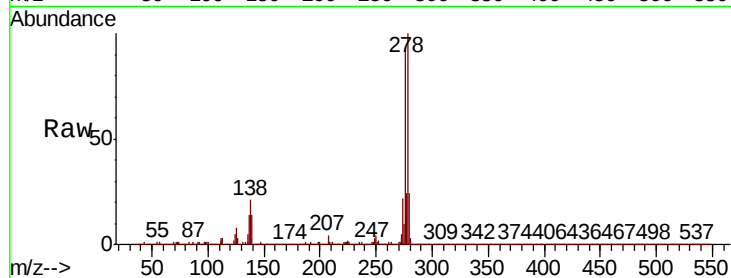
BNA_P

ClientSampleId :

357MSD

Tot Ion:278 Resp: 2101852

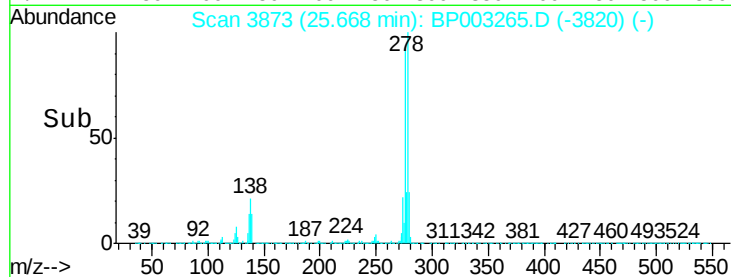
Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.4	18.6
279	23.6	19.0	28.6



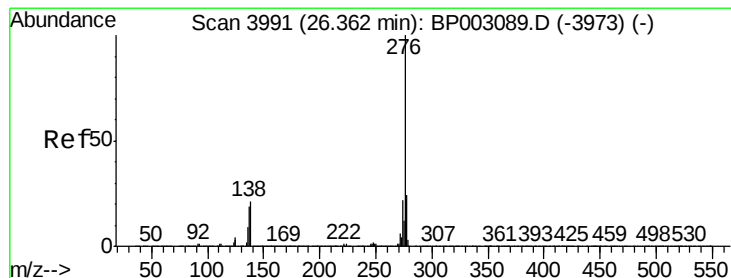
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 49.596 ng

RT: 26.35 min Scan# 3989

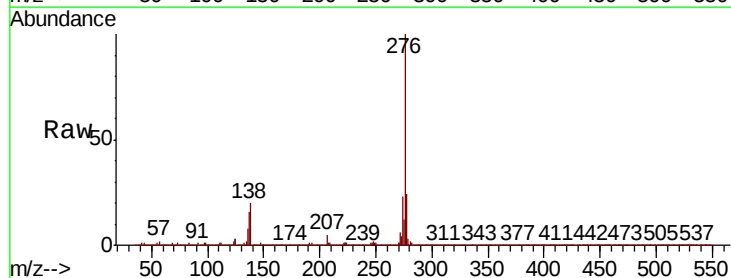
Delta R.T. 0.02 min

Lab File: BP003265.D

Acq: 11 Sep 2020 17:51

Tgt Ion:276 Resp: 2199905

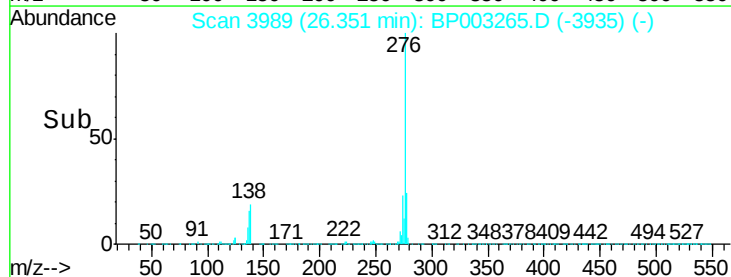
Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	19.5	16.6	24.8



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



Time-->