

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003019.D
 Acq On : 18 Aug 2020 16:15
 Operator : CG/JU
 Sample : L3712-09MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Quant Time: Aug 18 18:42:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	373827	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1488434	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	873106	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1504562	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1514236	20.00	ng	0.00
86) Perylene-d12	23.43	264	1750785	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1764681	72.25	ng	0.00
7) Phenol-d6	6.87	99	2089335	61.61	ng	0.00
23) Nitrobenzene-d5	8.83	82	1177272	42.84	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	762680	70.28	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3211151	50.25	ng	0.00
79) Terphenyl-d14	19.66	244	3598301	47.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	276802	26.400	ng	99
3) Pyridine	3.61	79	670490	22.953	ng	100
4) n-Nitrosodimethylamine	3.53	42	233889	27.257	ng	98
6) Aniline	7.01	93	1167966	29.687	ng	99
8) 2-Chlorophenol	7.25	128	1098381	42.176	ng	100
9) Benzaldehyde	6.82	77	503176	27.869	ng	99
10) Phenol	6.89	94	1203747	35.246	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	880719	33.527	ng	98
12) 1,3-Dichlorobenzene	7.57	146	1182185	40.219	ng	100
13) 1,4-Dichlorobenzene	7.72	146	1200537	40.407	ng	99
14) 1,2-Dichlorobenzene	8.03	146	1156471	40.816	ng	100
15) Benzyl Alcohol	7.92	79	697409	31.169	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	713829	28.924	ng	99
17) 2-Methylphenol	8.13	107	820771	37.608	ng	99
18) Hexachloroethane	8.76	117	400577	38.655	ng	96
19) n-Nitroso-di-n-propylamine	8.49	70	535891	27.426	ng	98
20) 3+4-Methylphenols	8.46	107	1091357	37.104	ng	99
22) Acetophenone	8.50	105	1359871	32.382	ng	# 97
24) Nitrobenzene	8.87	77	860350	28.837	ng	97
25) Isophorone	9.40	82	1663225	28.172	ng	100
26) 2-Nitrophenol	9.58	139	560729	45.307	ng	97
27) 2,4-Dimethylphenol	9.66	122	953965	40.575	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1129146	34.281	ng	99
29) 2,4-Dichlorophenol	10.12	162	1003383	40.550	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	1072487	37.077	ng	99
31) Naphthalene	10.52	128	3189130	37.429	ng	99
32) Benzoic acid	9.80	122	637938	46.434	ng	96
33) 4-Chloroaniline	10.62	127	987711	27.972	ng	99
34) Hexachlorobutadiene	10.82	225	610097	34.466	ng	99
35) Caprolactam	11.39	113	204445	26.703	ng	93
36) 4-Chloro-3-methylphenol	11.76	107	931478	36.213	ng	99
37) 2-Methylnaphthalene	12.13	142	2311037	38.131	ng	100
38) 1-Methylnaphthalene	12.36	142	2174348	38.111	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	1092167	34.792	ng	100

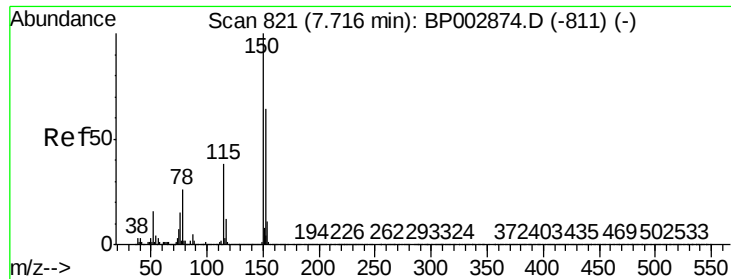
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1099341	67.507	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	750122	41.230	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	828965	41.534	ng	99
46) 1,1'-Biphenyl	13.16	154	2842609	39.383	ng	100
47) 2-Chloronaphthalene	13.20	162	2170161	38.396	ng	98
48) 2-Nitroaniline	13.39	65	431059	32.018	ng	93
49) Acenaphthylene	14.05	152	3627123	40.920	ng	100
50) Dimethylphthalate	13.79	163	2953593	43.252	ng	100
51) 2,6-Dinitrotoluene	13.90	165	607158	39.959	ng	97
52) Acenaphthene	14.39	154	2011549	35.308	ng	100
53) 3-Nitroaniline	14.22	138	455747	29.547	ng	97
54) 2,4-Dinitrophenol	14.43	184	362673	58.349	ng	98
55) Dibenzofuran	14.73	168	2786746	31.890	ng	99
56) 4-Nitrophenol	14.55	139	978608	80.815	ng	96
57) 2,4-Dinitrotoluene	14.69	165	713301	36.178	ng	99
58) Fluorene	15.38	166	2107610	30.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	616798	37.038	ng	100
60) Diethylphthalate	15.17	149	2351086	35.234	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1041884	29.588	ng	98
62) 4-Nitroaniline	15.39	138	473431	30.789	ng	96
63) Azobenzene	15.67	77	1646817	24.515	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	251130	34.330	ng	96
66) n-Nitrosodiphenylamine	15.59	169	1964987	39.434	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	693537	37.889	ng	98
68) Hexachlorobenzene	16.40	284	794028	37.504	ng	97
69) Atrazine	16.56	200	623232	36.917	ng	99
70) Pentachlorophenol	16.74	266	1023642	93.237	ng	99
71) Phenanthrene	17.13	178	3656177	41.441	ng	99
72) Anthracene	17.22	178	3541589	41.071	ng	100
73) Carbazole	17.49	167	3271905	38.854	ng	99
74) Di-n-butylphthalate	18.06	149	4076214	46.015	ng	100
75) Fluoranthene	19.10	202	4527260	44.537	ng	98
77) Benzidine	19.28	184	3187206	69.025	ng	99
78) Pyrene	19.45	202	4568414	43.157	ng	100
80) Butylbenzylphthalate	20.34	149	2019652	47.034	ng	99
81) Benzo(a)anthracene	21.16	228	4327852	41.960	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	1617829	39.629	ng	99
83) Chrysene	21.22	228	4029346	41.414	ng	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	2893381	49.388	ng	99
85) Di-n-octyl phthalate	21.99	149	5366000	55.756	ng	100
87) Indeno(1,2,3-cd)pyrene	25.73	276	5253788	37.470	ng	98
88) Benzo(b)fluoranthene	22.75	252	5199232	42.082	ng	99
89) Benzo(k)fluoranthene	22.80	252	4586354	39.275	ng	99
90) Benzo(a)pyrene	23.33	252	4540000	40.668	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	4209322	35.273	ng	98
92) Benzo(g,h,i)perylene	26.43	276	4560821	39.522	ng	99

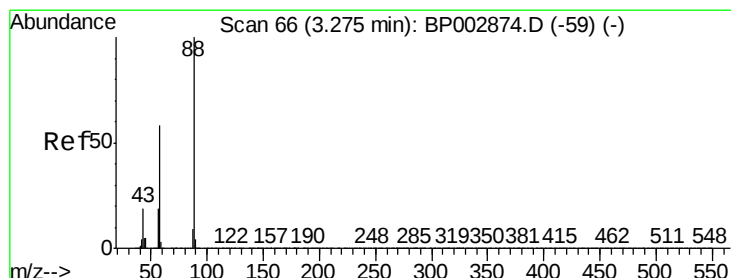
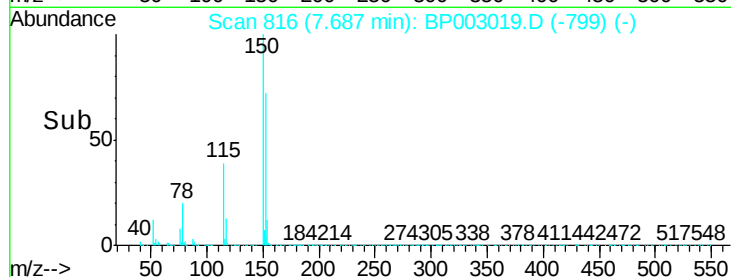
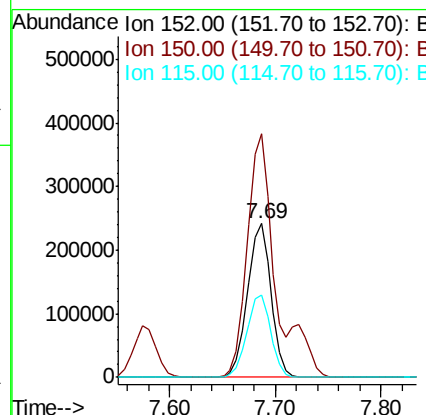
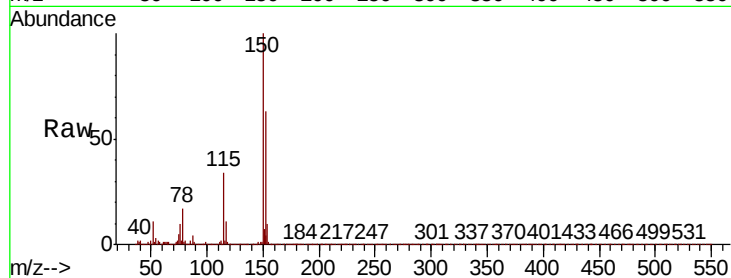
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

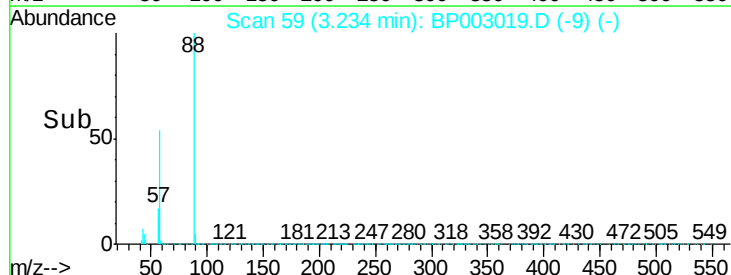
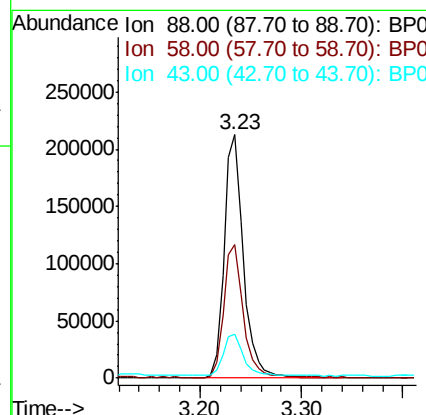
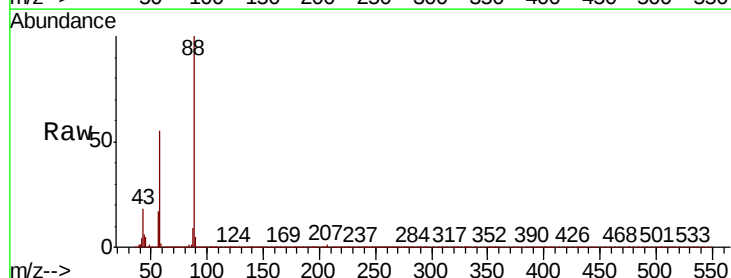
Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

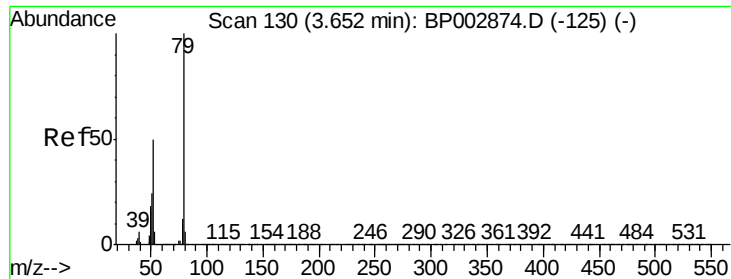
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.1	189.1
115	53.4	43.4	65.2



#2
 1,4-Dioxane
 Concen: 26.400 ng
 RT: 3.23 min Scan# 59
 Delta R.T. -0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.9	44.5	66.7
43	18.3	14.5	21.7





#3

Pvridine

Concen: 22.953 ng

RT: 3.61 min Scan# 123

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampled :

V-23615MSD

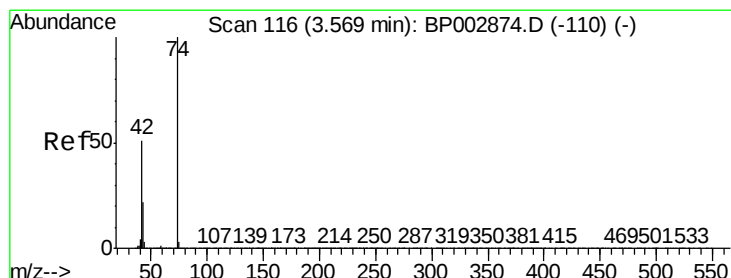
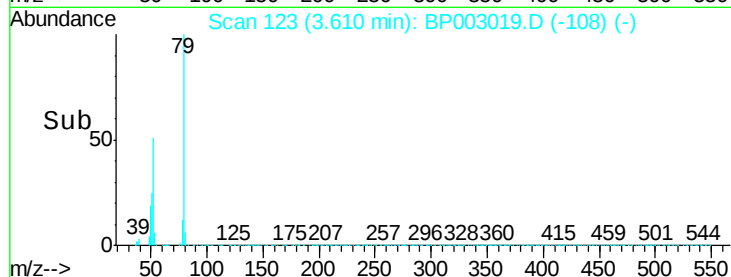
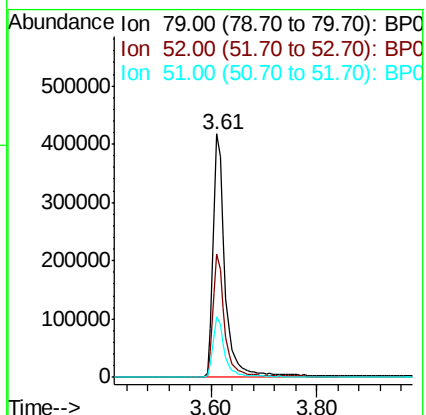
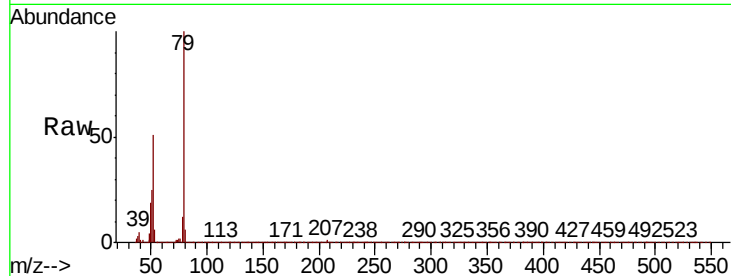
Tot Ion: 79 Resp: 670490

Ion Ratio Lower Upper

79 100

52 50.6 40.5 60.7

51 24.7 19.9 29.9



#4

n-Nitrosodimethylamine

Concen: 27.257 ng

RT: 3.53 min Scan# 109

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

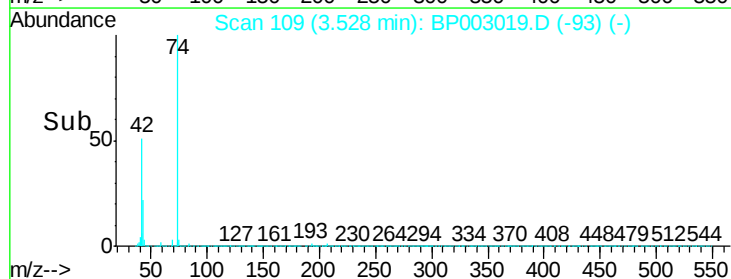
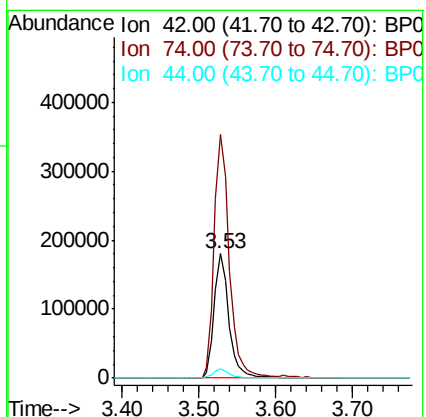
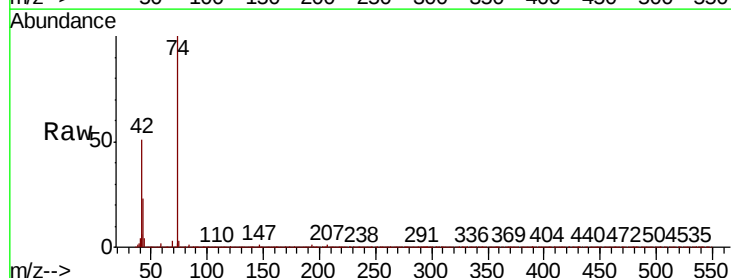
Tgt Ion: 42 Resp: 233889

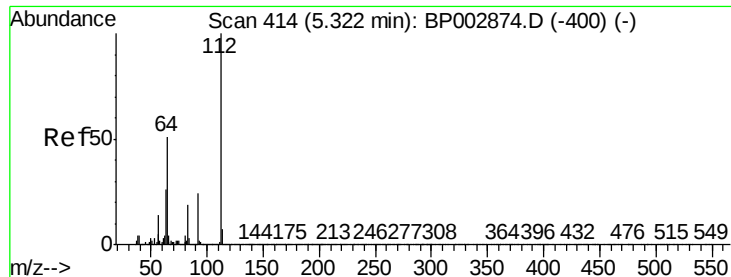
Ion Ratio Lower Upper

42 100

74 195.9 158.6 238.0

44 7.1 5.8 8.8





#5

2-Fluorophenol

Concen: 72.248 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

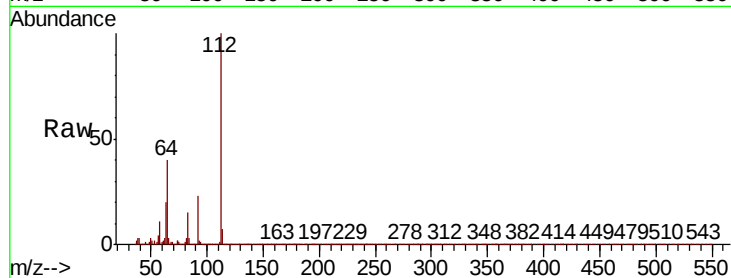
Tot Ion:112 Resp: 1764681

Ion Ratio Lower Upper

112 100

64 40.3 33.4 50.2

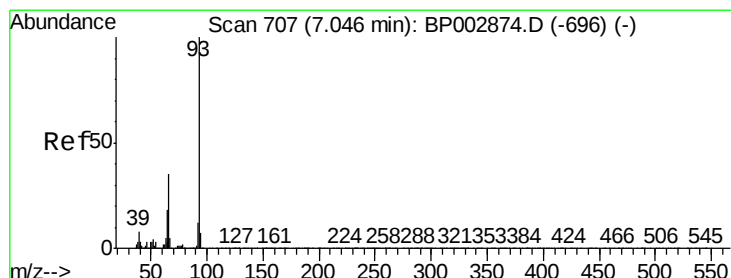
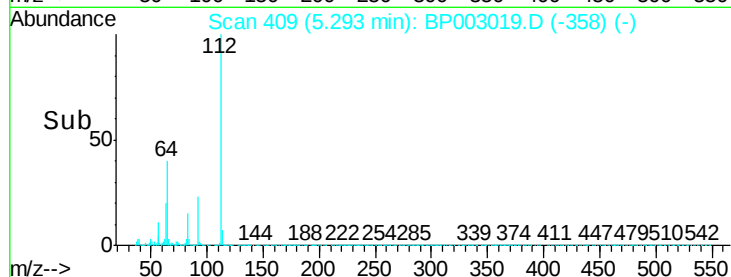
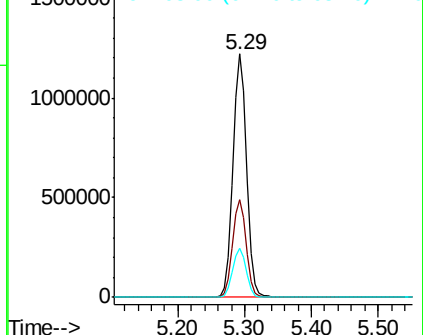
63 20.2 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 29.687 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

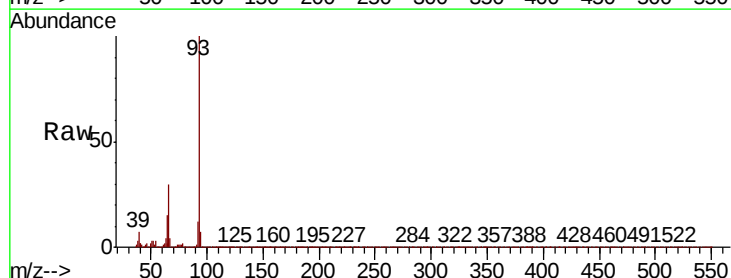
Tgt Ion: 93 Resp: 1167966

Ion Ratio Lower Upper

93 100

66 30.2 24.8 37.2

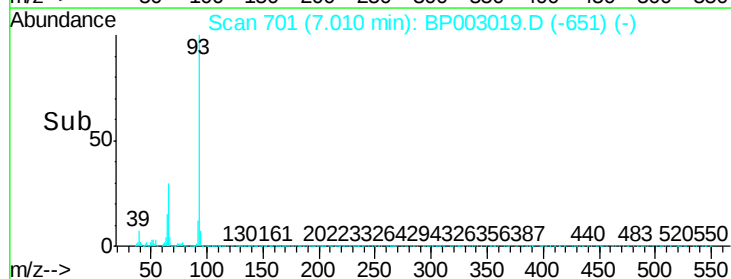
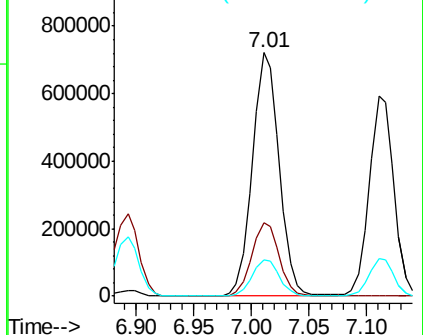
65 14.7 12.2 18.4

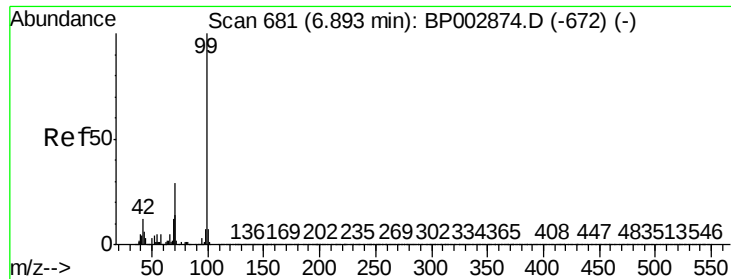


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 61.612 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

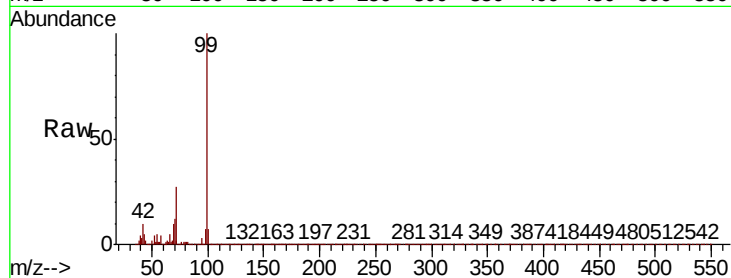
Tot Ion: 99 Resp: 2089335

Ion Ratio Lower Upper

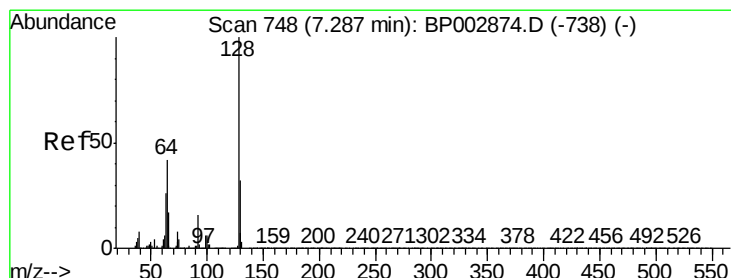
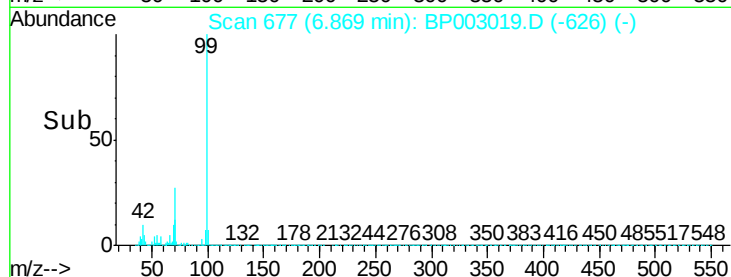
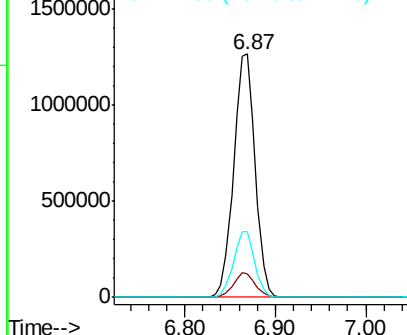
99 100

42 9.8 8.0 12.0

71 27.0 21.3 31.9



Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 42.176 ng

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

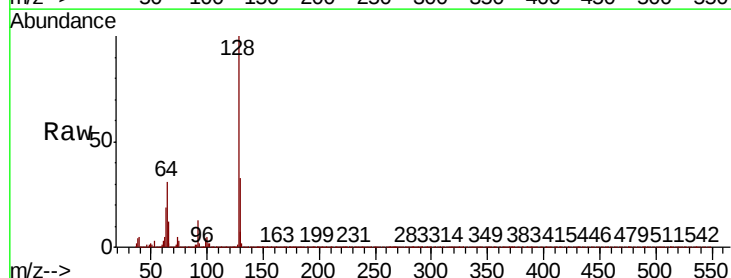
Tgt Ion: 128 Resp: 1098381

Ion Ratio Lower Upper

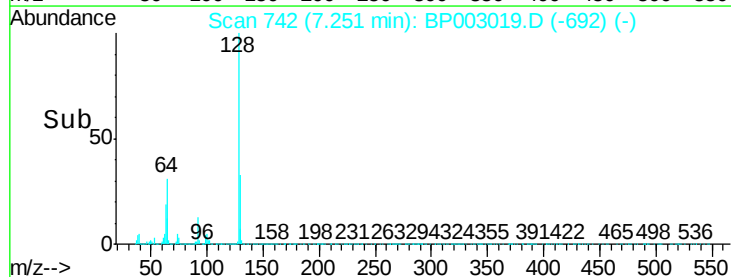
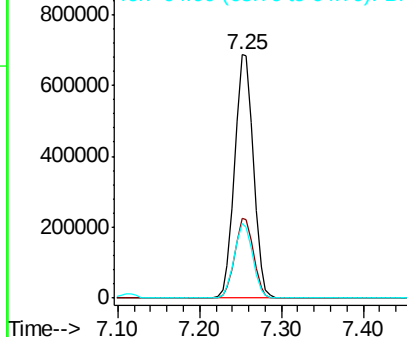
128 100

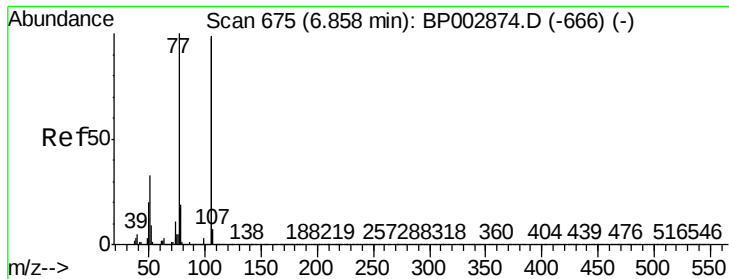
130 32.6 12.9 52.9

64 30.7 10.7 50.7



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: 27.869 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

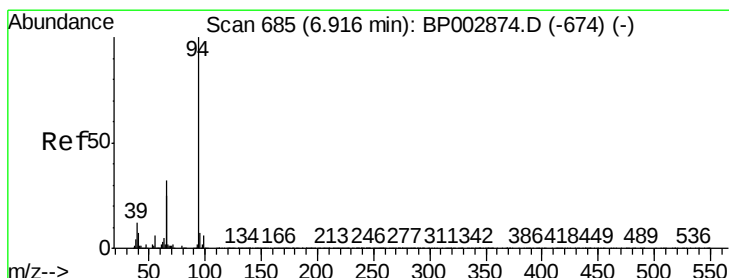
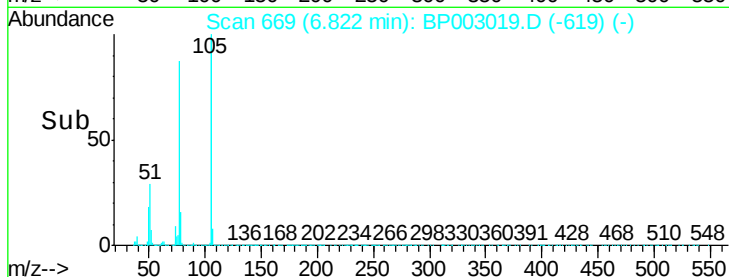
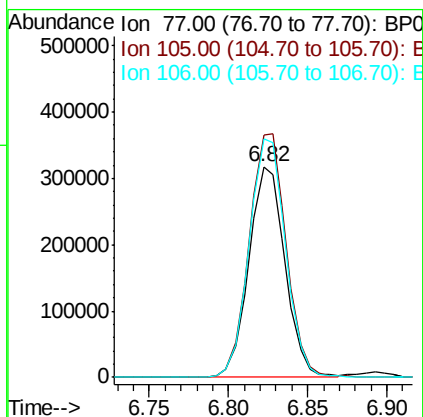
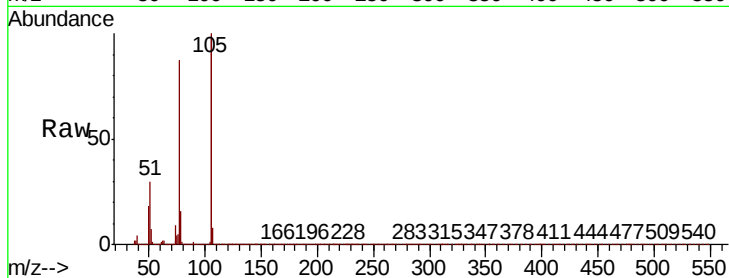
Tot Ion: 77 Resp: 503176

Ion Ratio Lower Upper

77 100

105 114.9 97.5 137.5

106 113.4 93.1 133.1



#10

Phenol

Concen: 35.246 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

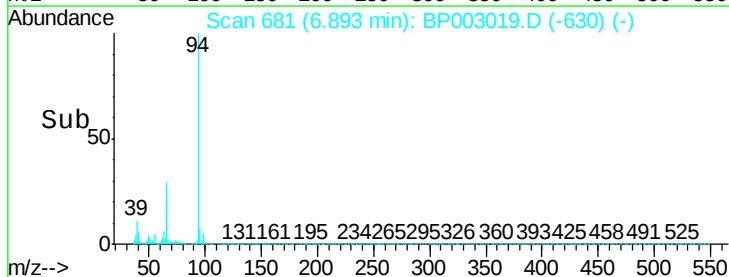
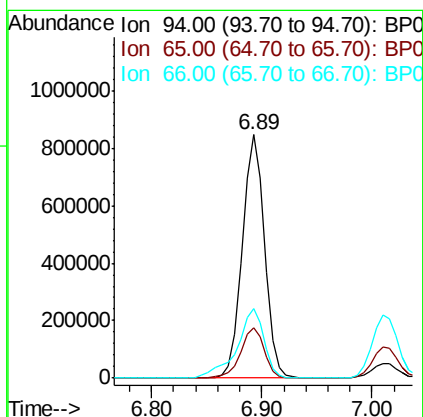
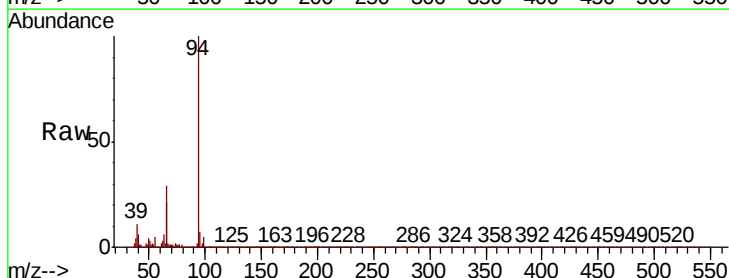
Tgt Ion: 94 Resp: 1203747

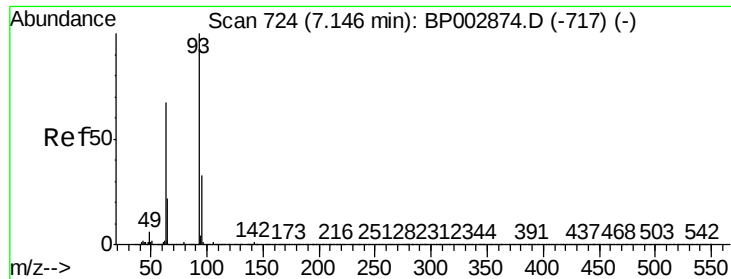
Ion Ratio Lower Upper

94 100

65 20.9 1.7 41.7

66 28.6 8.6 48.6

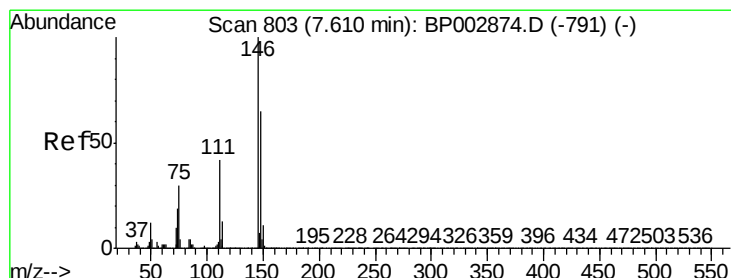
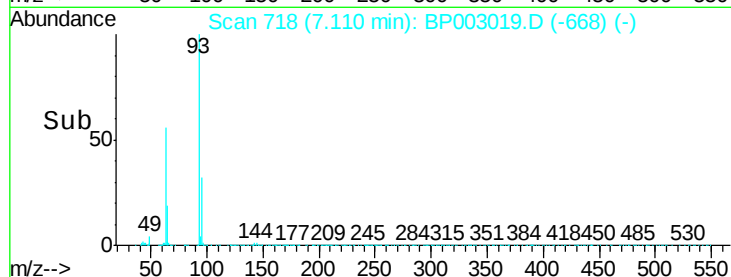
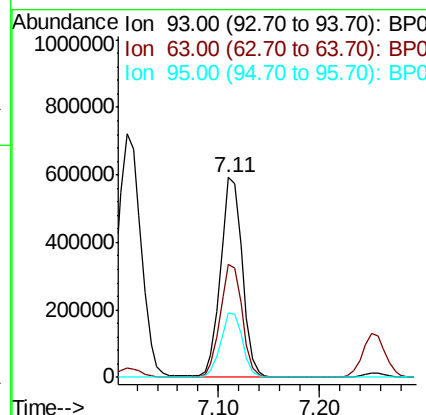
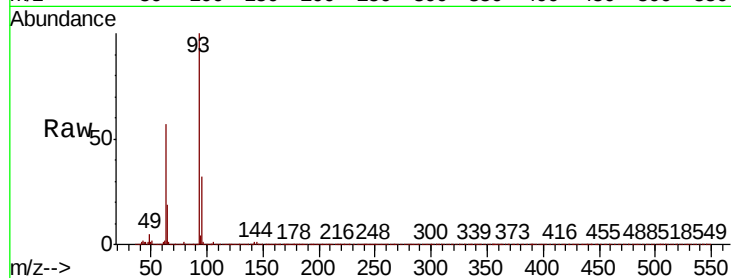




#11
bis(2-Chloroethyl)ether
Concen: 33.527 ng
RT: 7.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

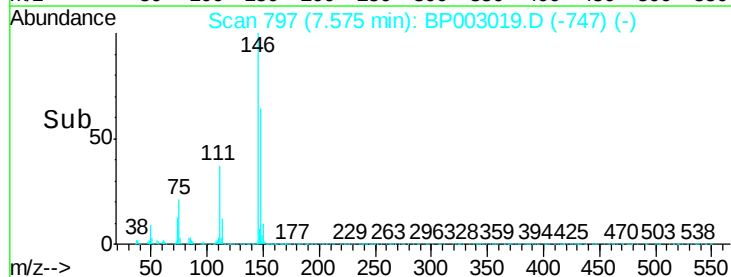
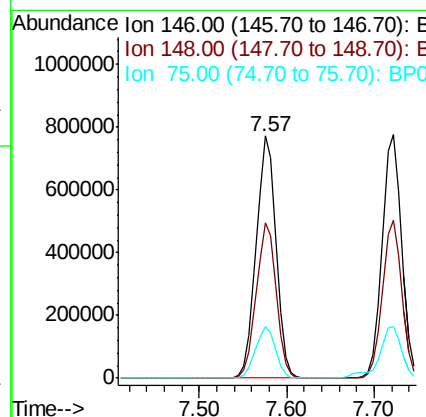
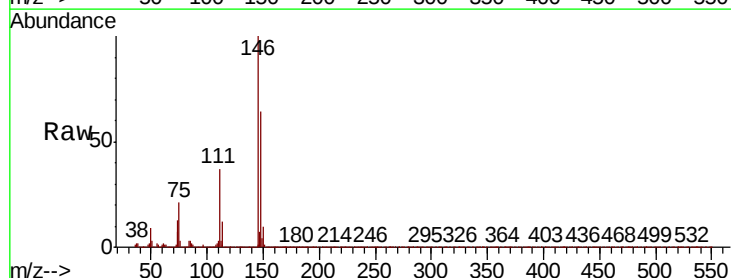
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

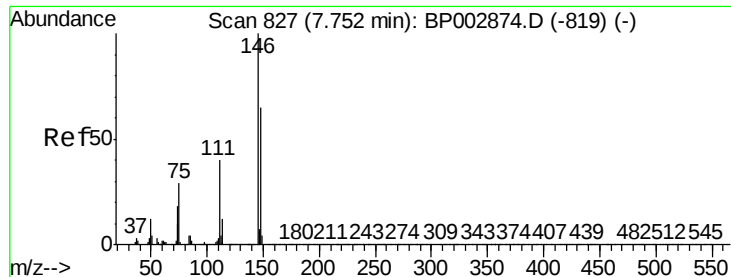
Tot Ion:	93	Resp:	880719
Ion	Ratio	Lower	Upper
93	100		
63	56.7	38.4	78.4
95	32.2	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 40.219 ng
RT: 7.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:	146	Resp:	1182185
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	21.2	17.4	26.0

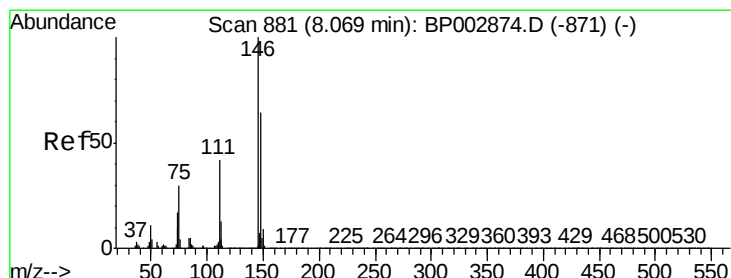
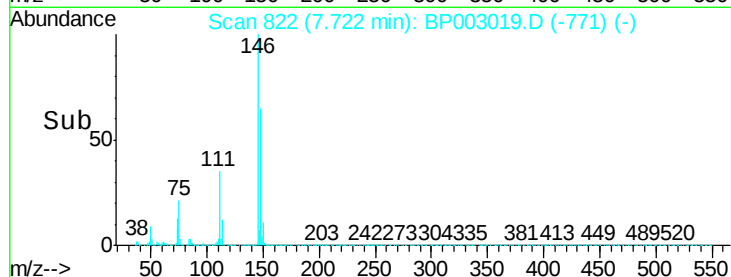
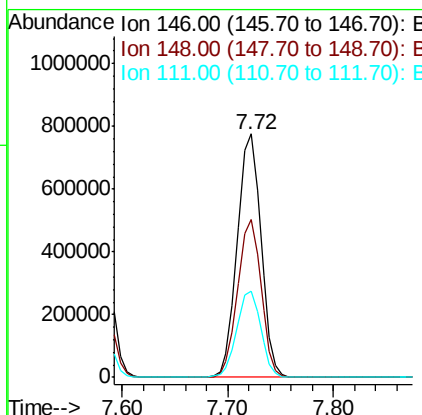
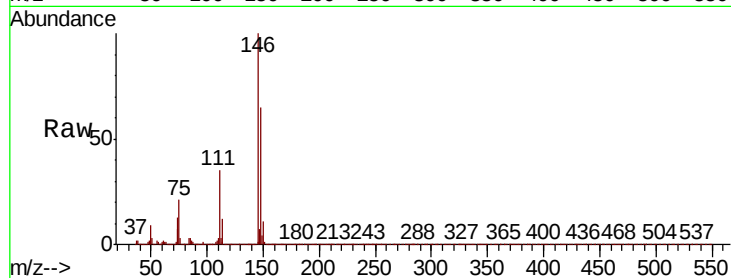




#13
1,4-Dichlorobenzene
Concen: 40.407 ng
RT: 7.72 min Scan# 822
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

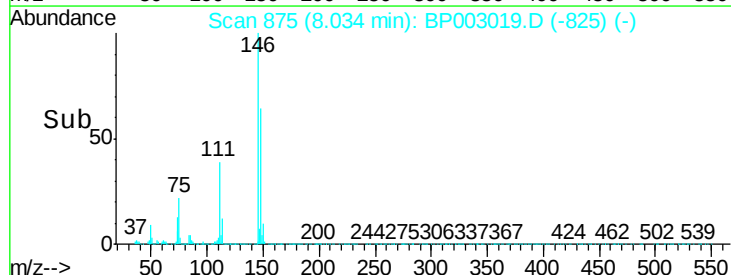
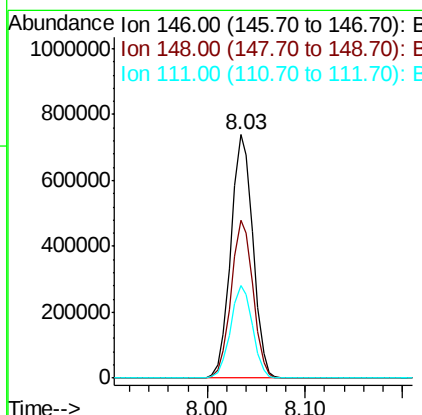
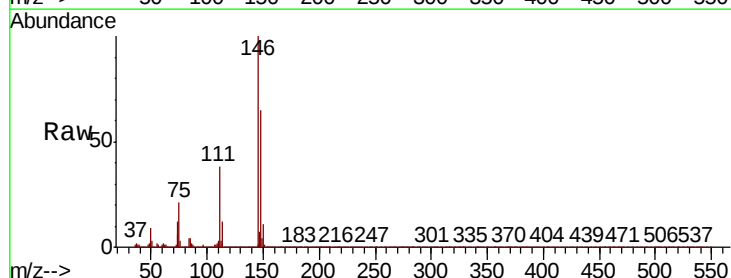
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

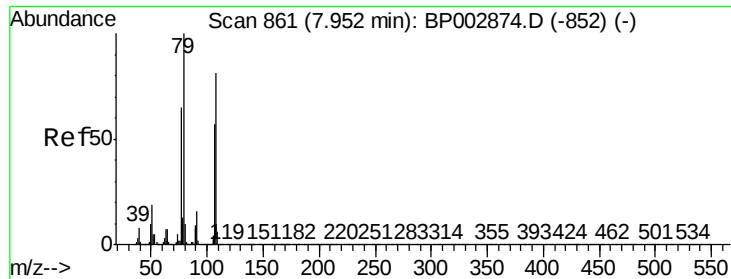
Tot Ion:146 Resp: 1200537
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 35.4 29.0 43.4



#14
1,2-Dichlorobenzene
Concen: 40.816 ng
RT: 8.03 min Scan# 875
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:146 Resp: 1156471
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 38.2 30.5 45.7





#15

Benzyl Alcohol

Concen: 31.169 ng

RT: 7.92 min Scan# 856

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

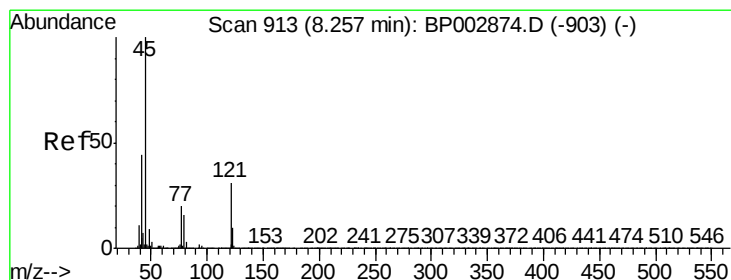
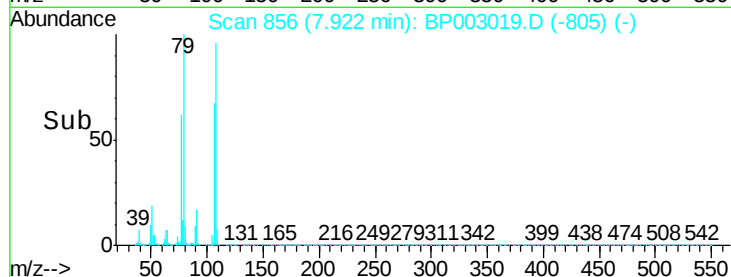
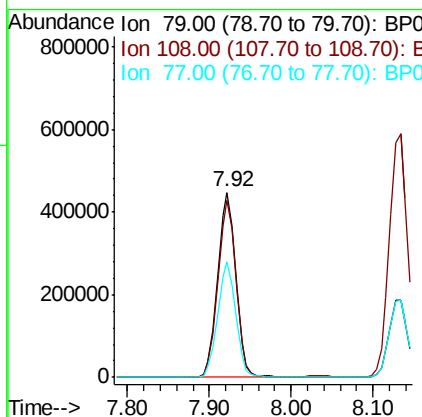
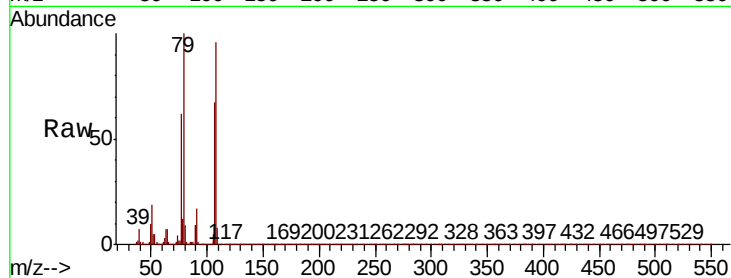
Tot Ion: 79 Resp: 697409

Ion Ratio Lower Upper

79 100

108 96.0 75.7 113.5

77 62.2 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.924 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

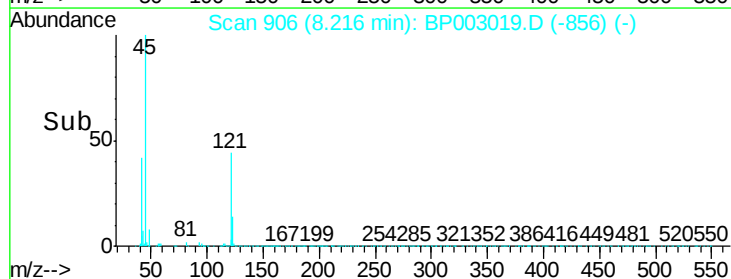
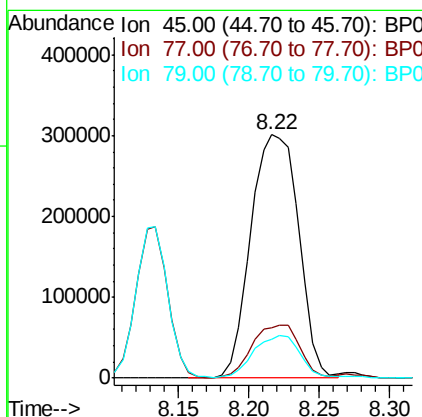
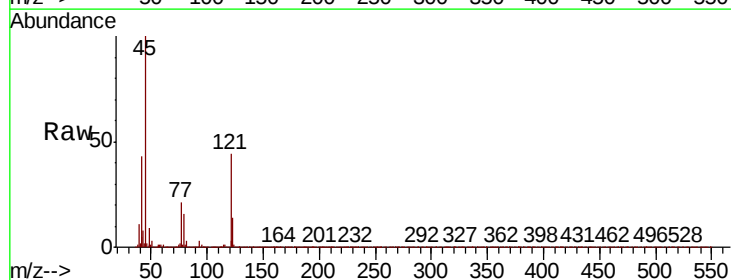
Tgt Ion: 45 Resp: 713829

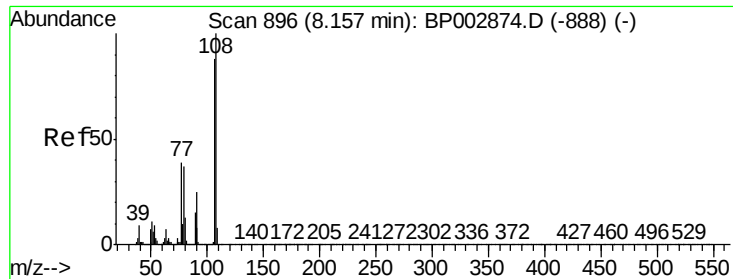
Ion Ratio Lower Upper

45 100

77 20.8 1.2 41.2

79 16.2 0.0 37.0

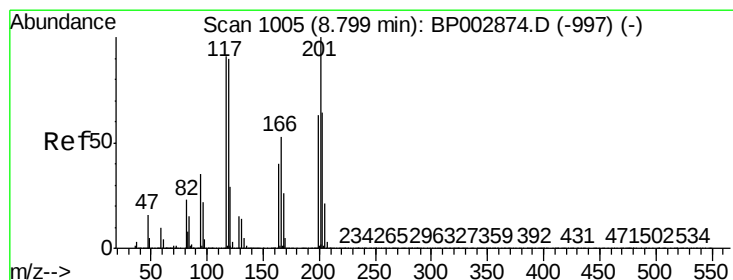
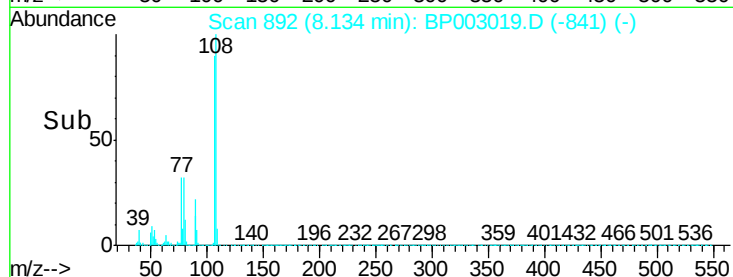
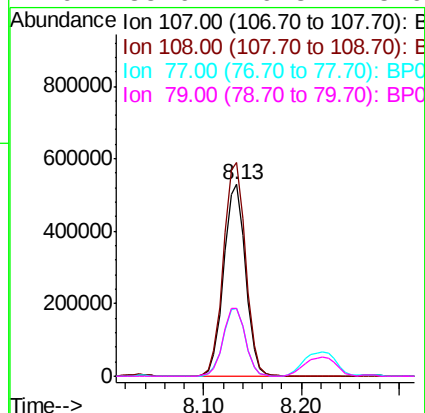
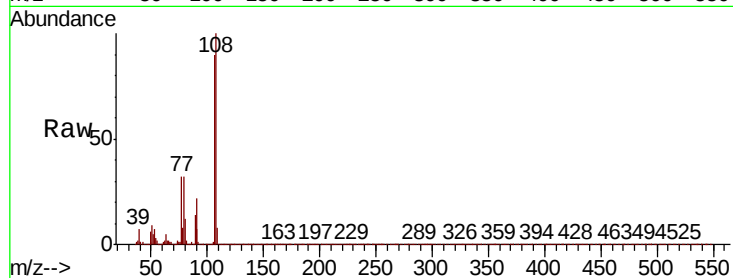




#17
2-Methylphenol
Concen: 37.608 ng
RT: 8.13 min Scan# 892
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

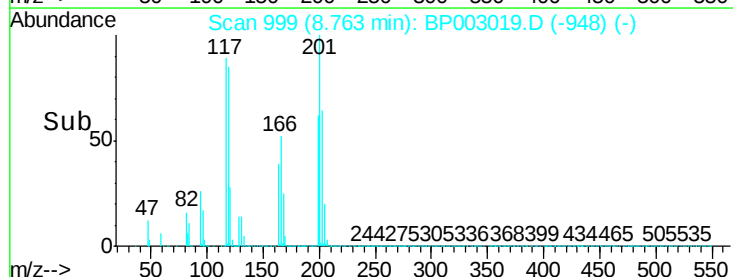
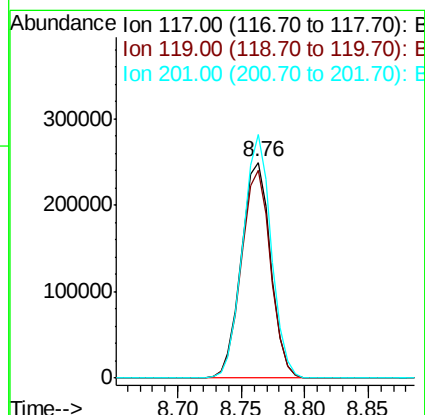
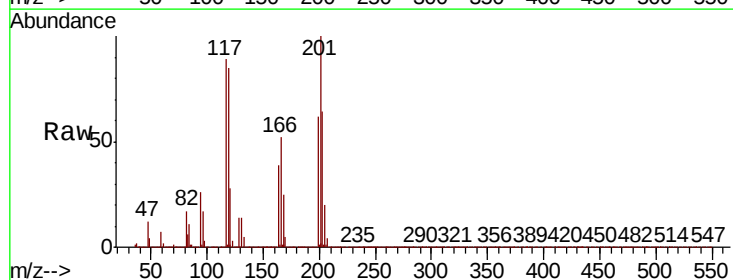
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

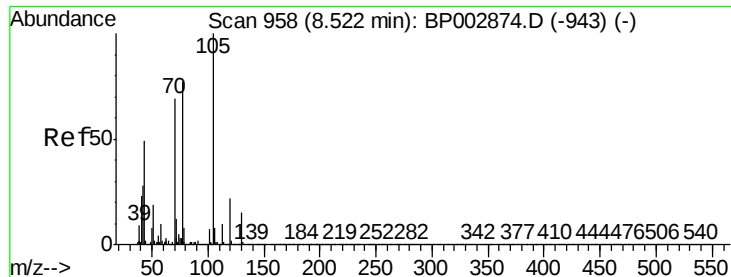
Tot Ion:	107	Resp:	820771
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.0	135.0
77	35.6	29.3	43.9
79	35.6	29.3	43.9



#18
Hexachloroethane
Concen: 38.655 ng
RT: 8.76 min Scan# 999
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:	117	Resp:	400577
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	112.9	84.3	126.5

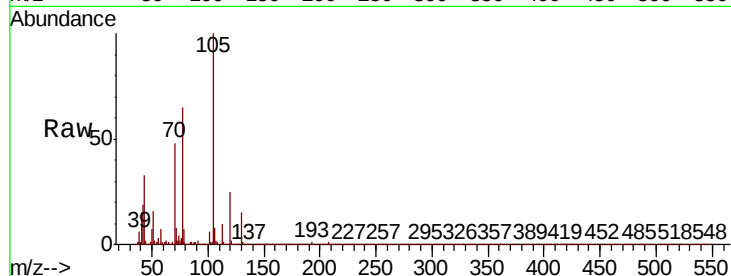




#19
n-Nitroso-di-n-propylamine
Concen: 27.426 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion:	70	Resp:	535891
Ion	Ratio	Lower	Upper
70	100		
42	39.0	31.8	47.8
101	13.1	9.8	14.8
130	32.3	24.4	36.6



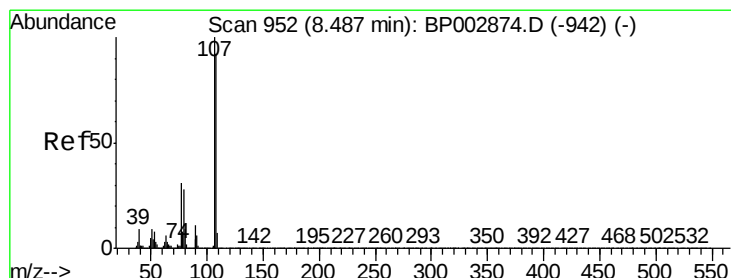
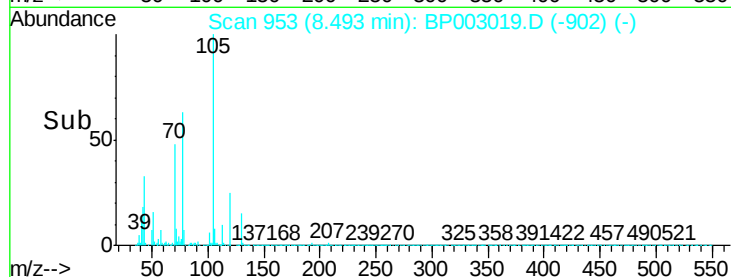
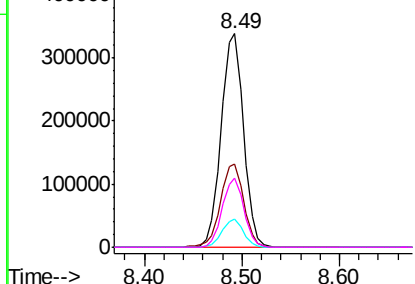
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

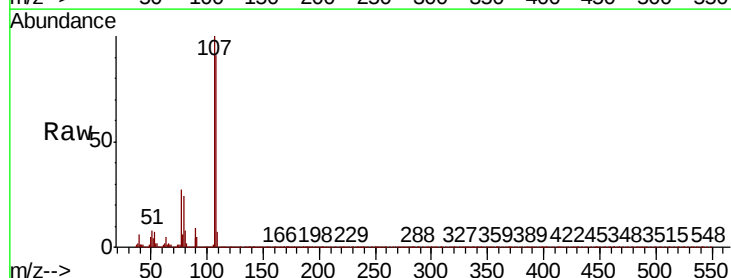
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 37.104 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:	107	Resp:	1091357
Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.1	109.1
77	26.8	7.2	47.2
79	23.7	3.3	43.3



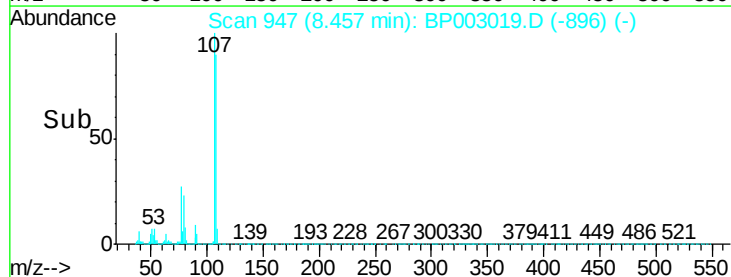
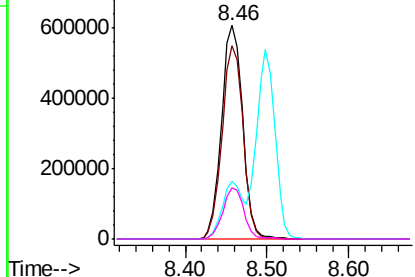
Abundance

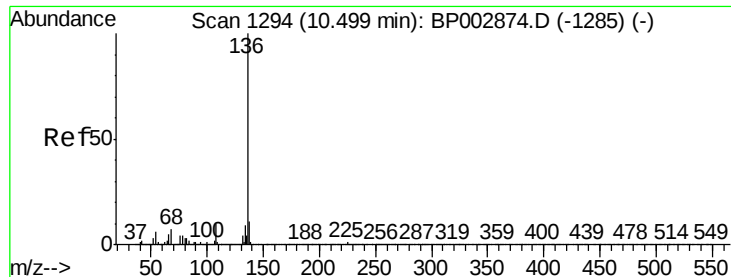
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

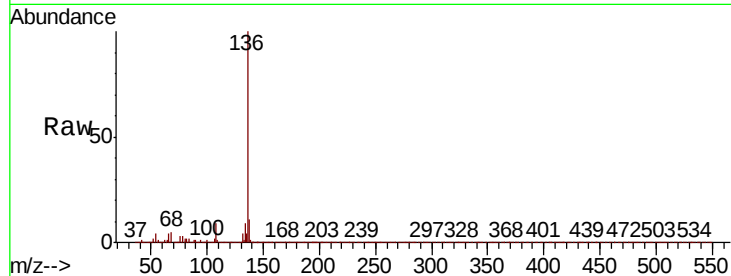




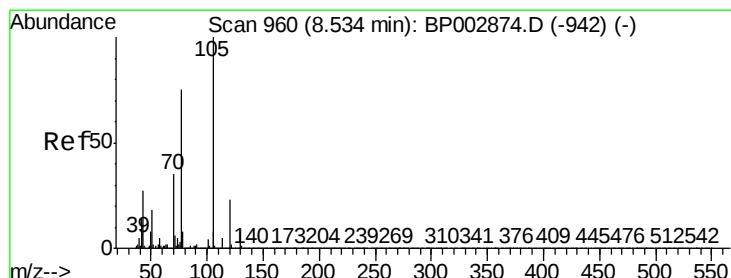
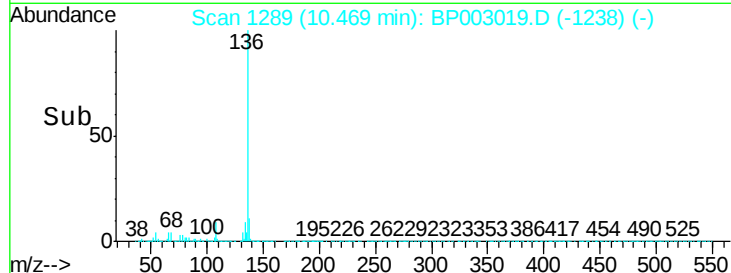
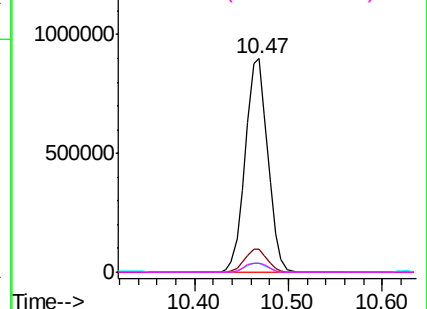
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion:136	Resp: 1488434
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 4.5	3.8 5.8
68 4.5	3.8 5.8

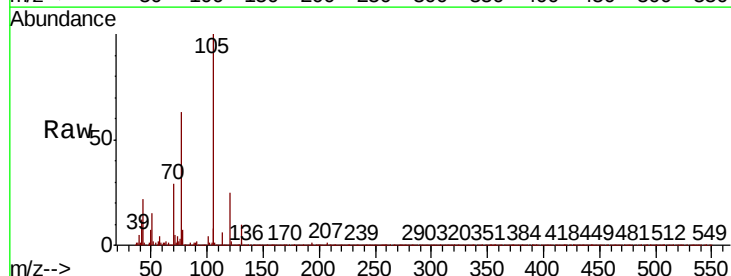


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

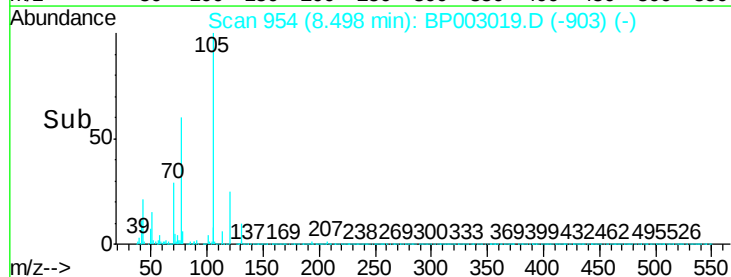
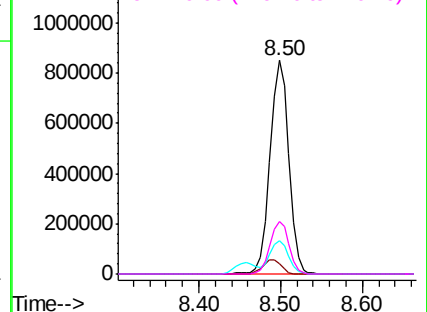


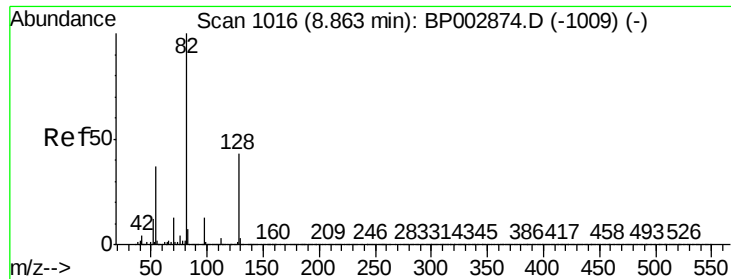
#22
Acetophenone
Concen: 32.382 ng
RT: 8.50 min Scan# 954
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt	Ion:105	Resp:	1359871
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.4	8.0#
51	15.4	13.5	20.3
120	24.8	19.2	28.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E

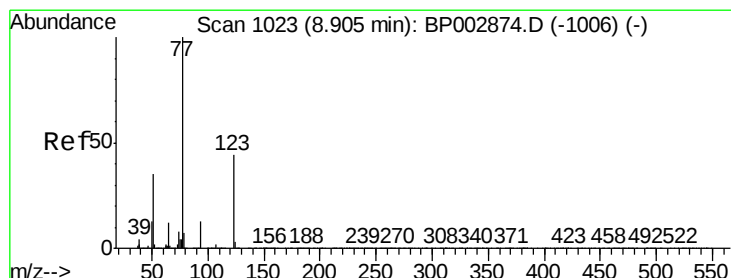
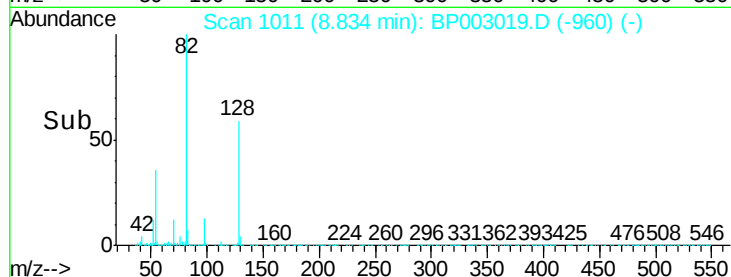
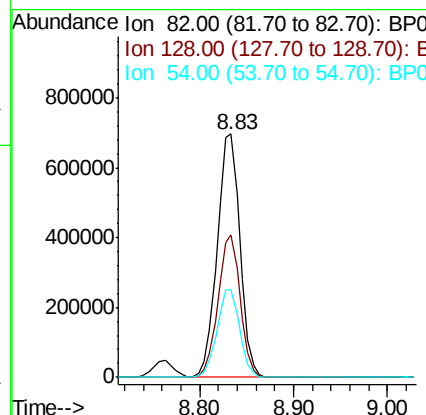
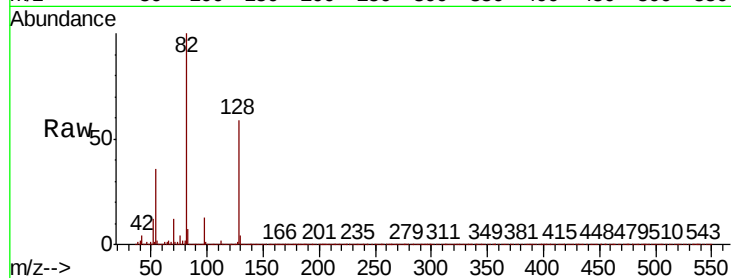




#23
Nitrobenzene-d5
Concen: 42.840 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

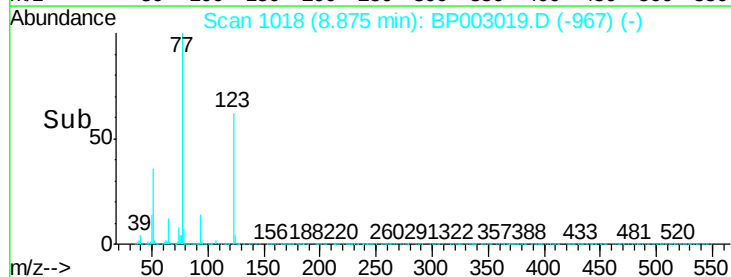
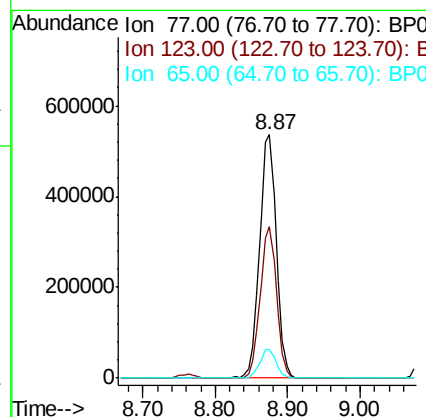
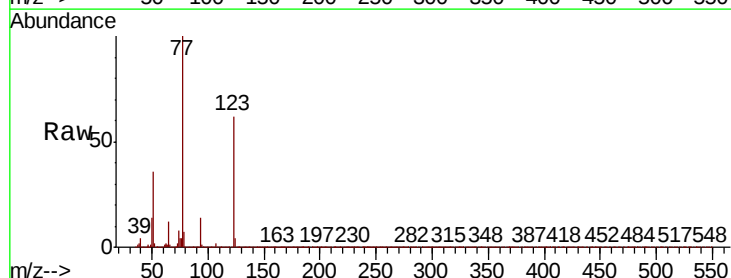
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

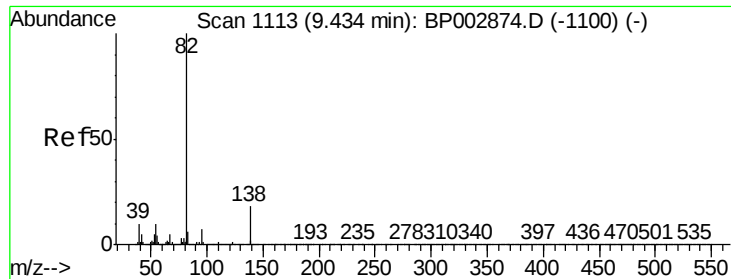
Tot Ion: 82 Resp: 1177272
Ion Ratio Lower Upper
82 100
128 58.7 45.1 67.7
54 36.0 28.8 43.2



#24
Nitrobenzene
Concen: 28.837 ng
RT: 8.87 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion: 77 Resp: 860350
Ion Ratio Lower Upper
77 100
123 62.2 47.5 71.3
65 11.7 9.2 13.8





#25

Isophorone

Concen: 28.172 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

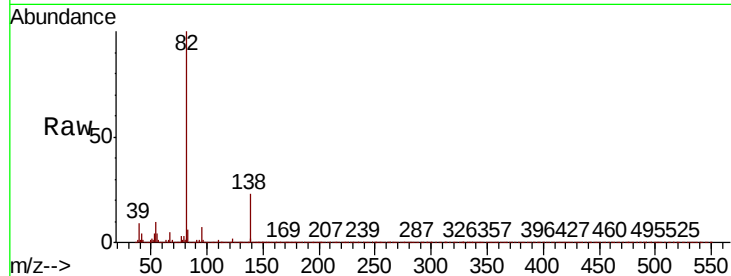
Tot Ion: 82 Resp: 1663225

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

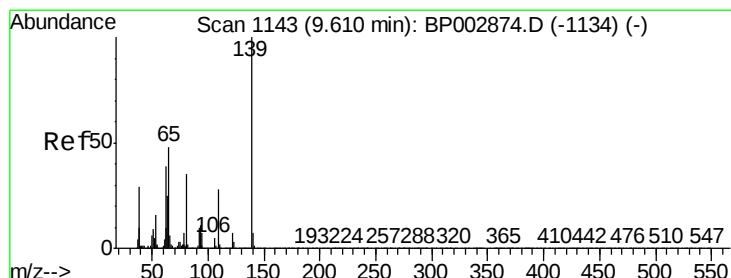
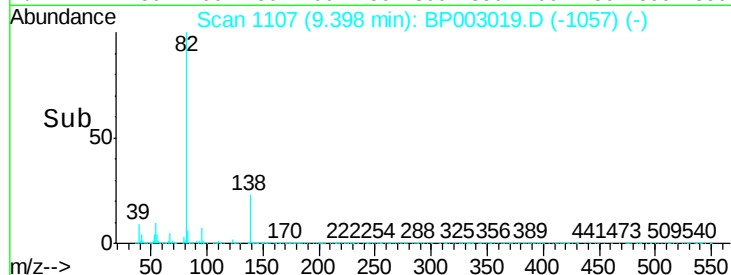
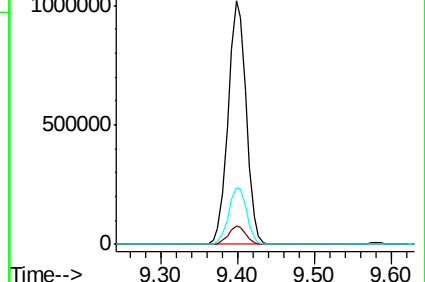
138 23.3 18.8 28.2



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 45.307 ng

RT: 9.58 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

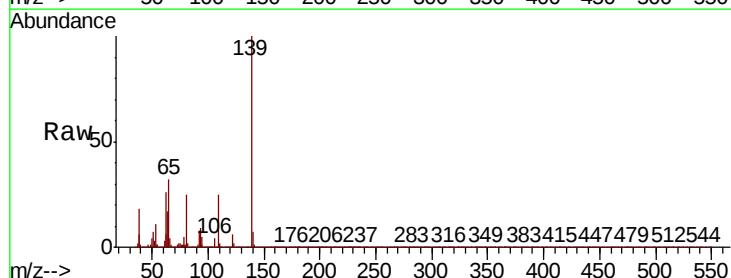
Tgt Ion: 139 Resp: 560729

Ion Ratio Lower Upper

139 100

109 24.7 21.0 31.6

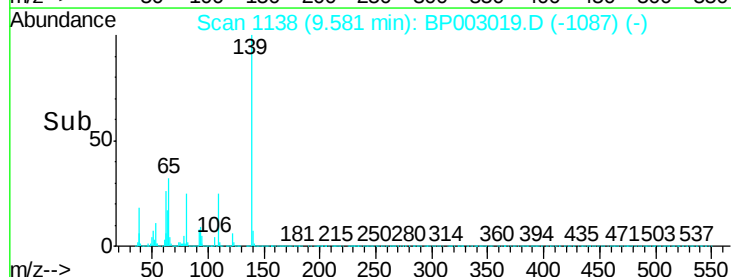
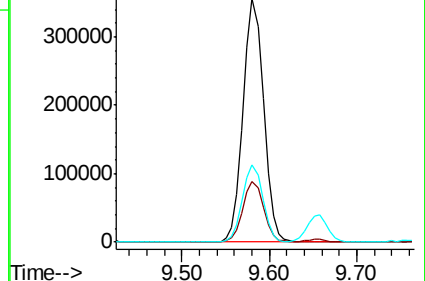
65 31.9 27.2 40.8

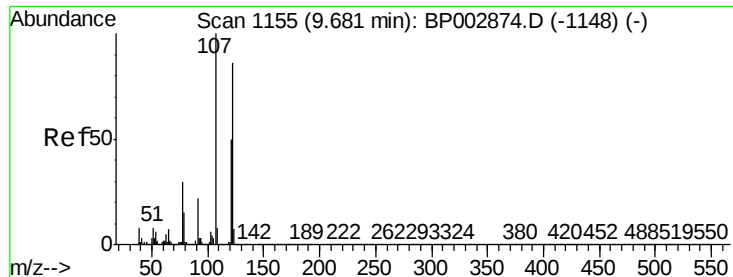


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

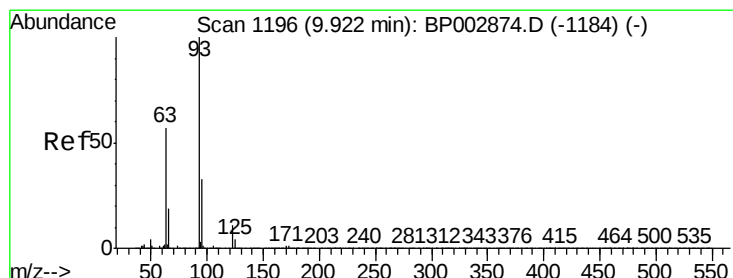
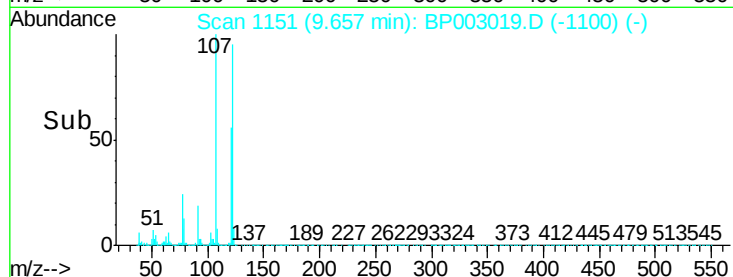
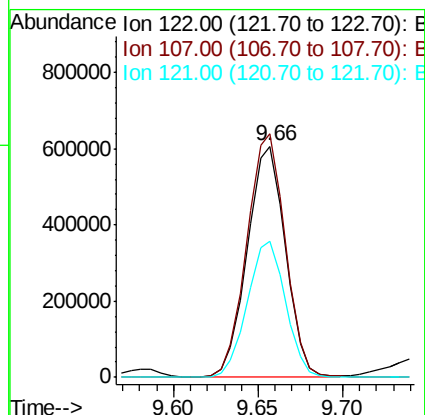
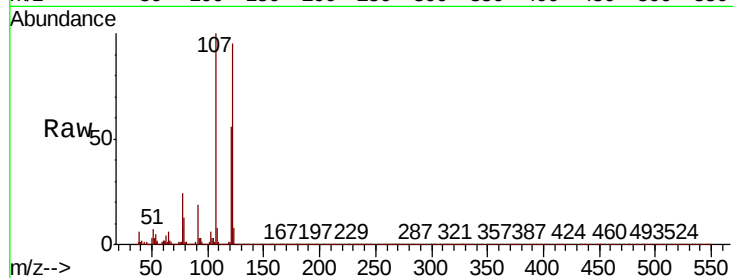




#27
2,4-Dimethylphenol
Concen: 40.575 ng
RT: 9.66 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

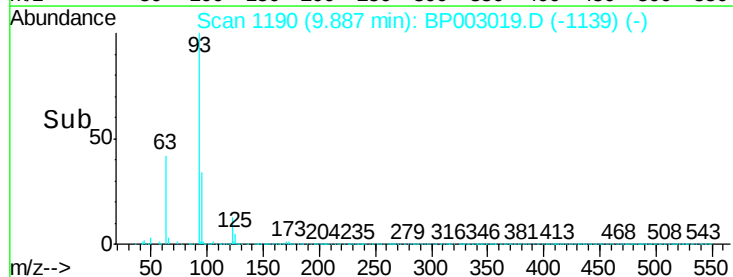
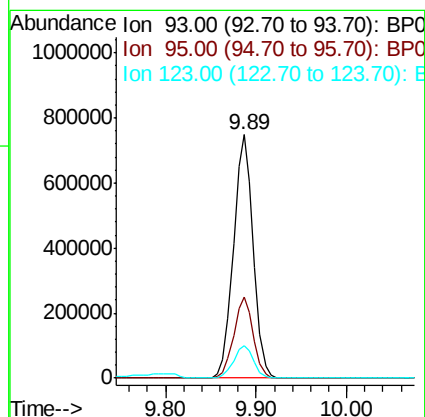
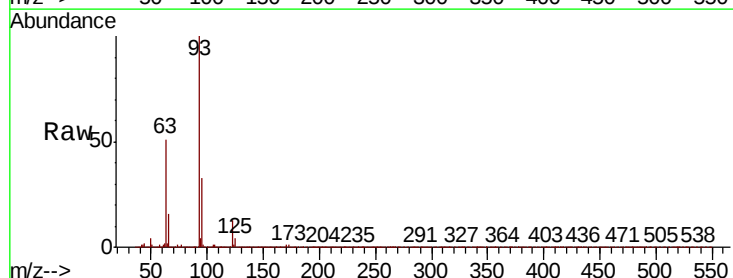
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

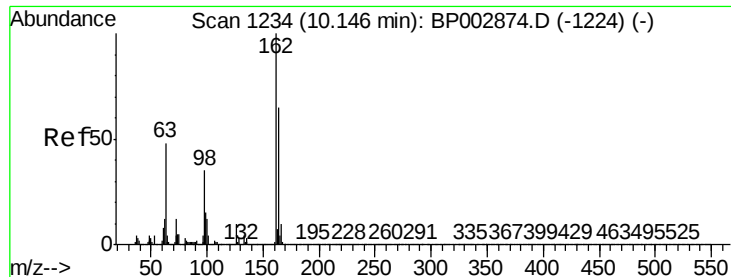
Tot Ion	Ratio	Lower	Upper
122	100		
107	105.4	85.4	128.0
121	59.0	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 34.281 ng
RT: 9.89 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.1	39.1
123	13.5	10.5	15.7



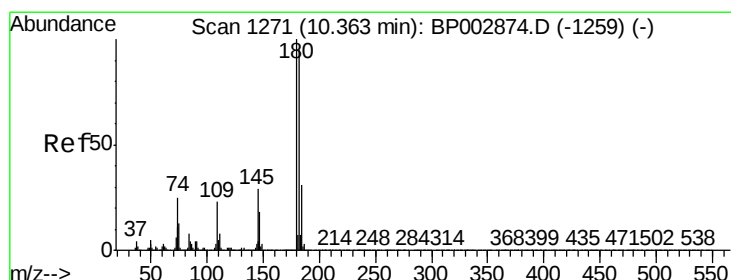
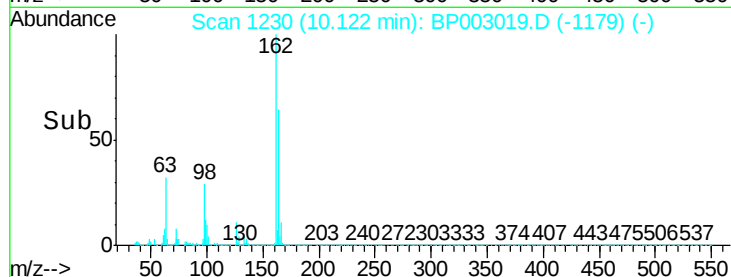
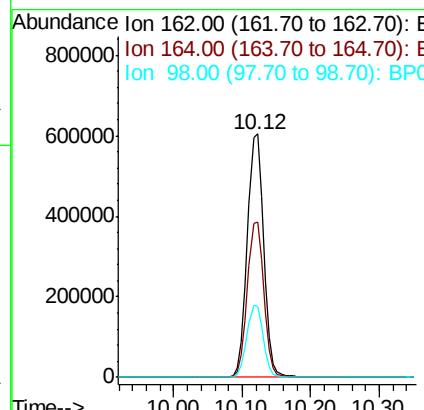
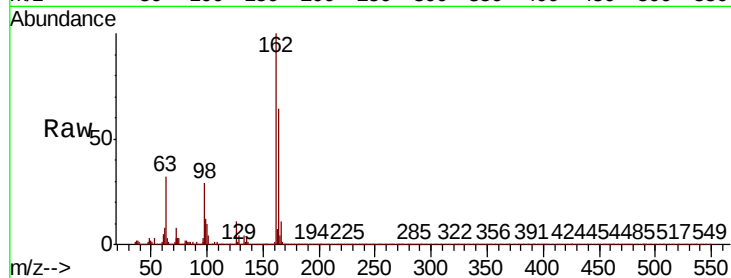


#29
 2,4-Dichlorophenol
 Concen: 40.550 ng
 RT: 10.12 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion:162 Resp: 1003383

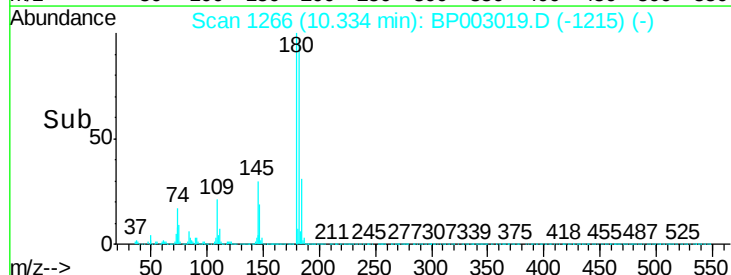
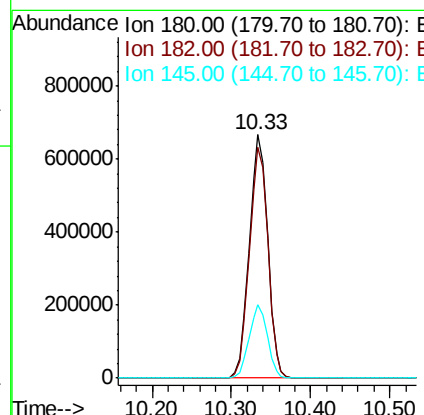
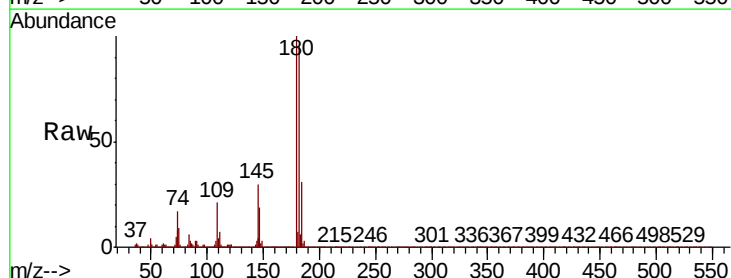
Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	29.1	10.0	50.0

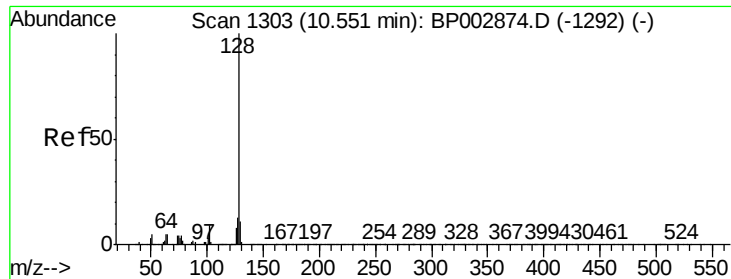


#30
 1,2,4-Trichlorobenzene
 Concen: 37.077 ng
 RT: 10.33 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion:180 Resp: 1072487

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.3	114.5
145	30.0	24.4	36.6

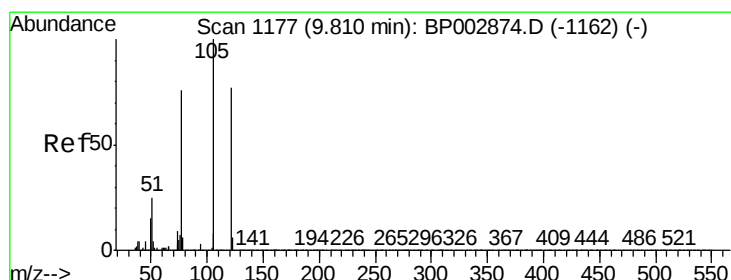
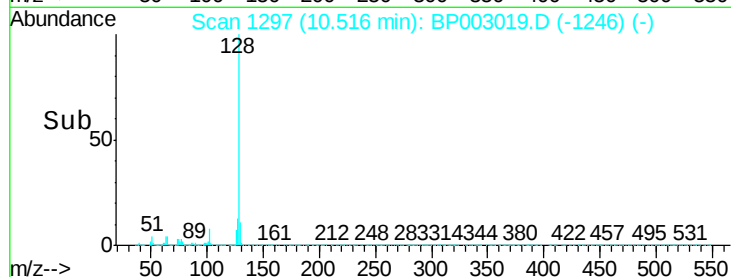
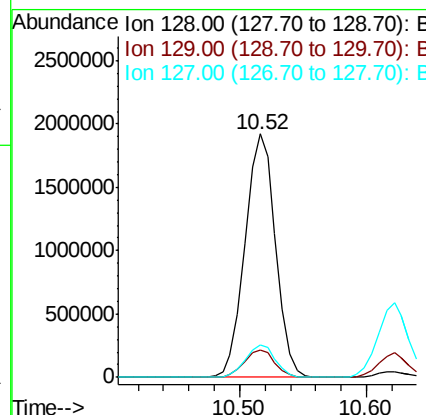
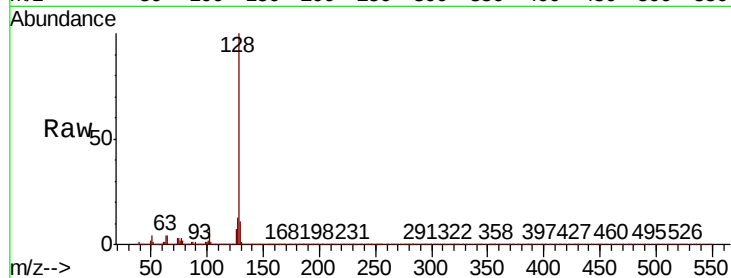




#31
Naphthalene
Concen: 37.429 ng
RT: 10.52 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

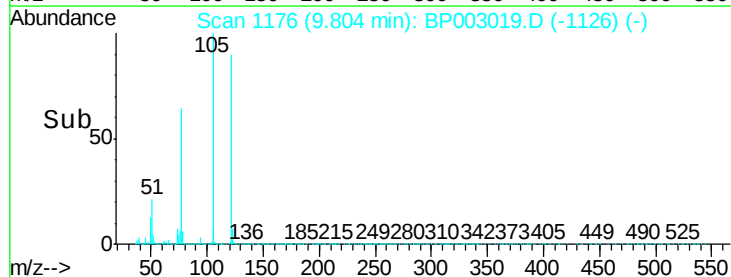
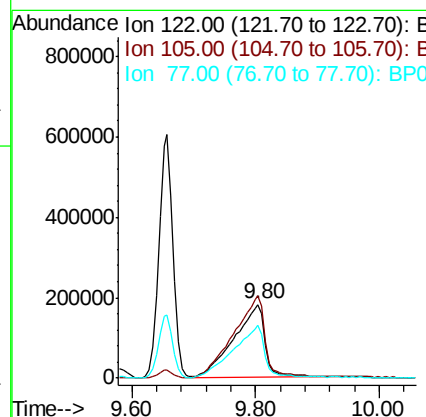
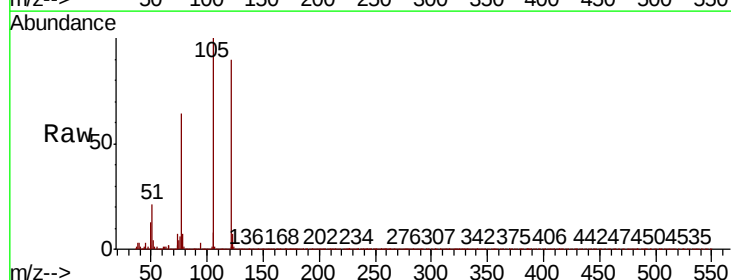
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

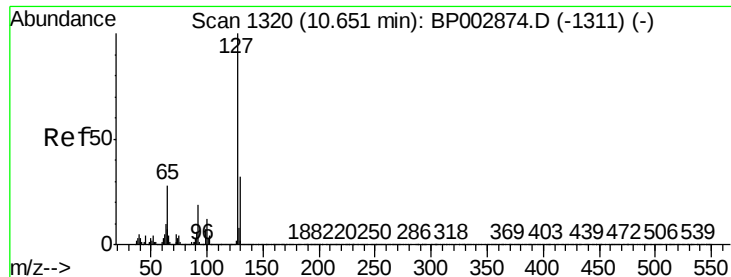
Tot Ion:128 Resp: 3189130
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 46.434 ng
RT: 9.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:122 Resp: 637938
Ion Ratio Lower Upper
122 100
105 111.5 96.2 136.2
77 71.6 55.6 95.6

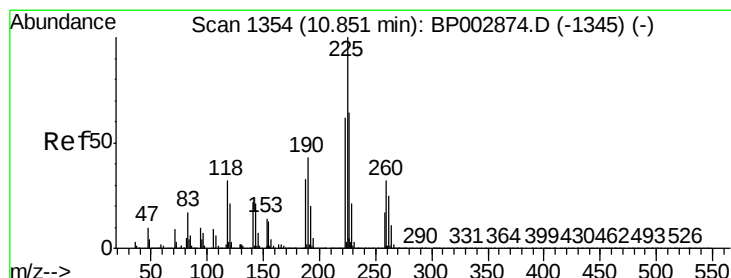
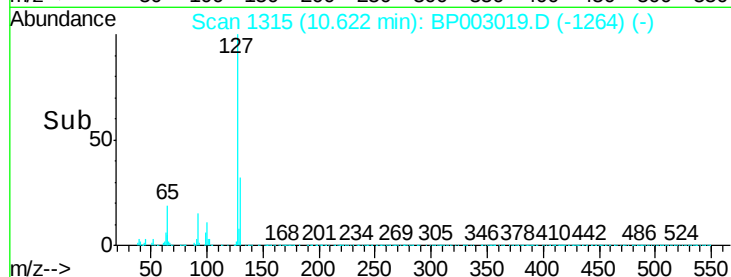
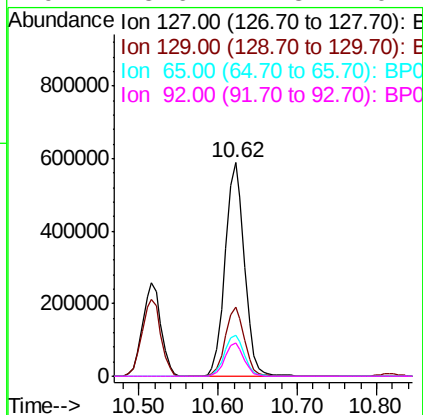
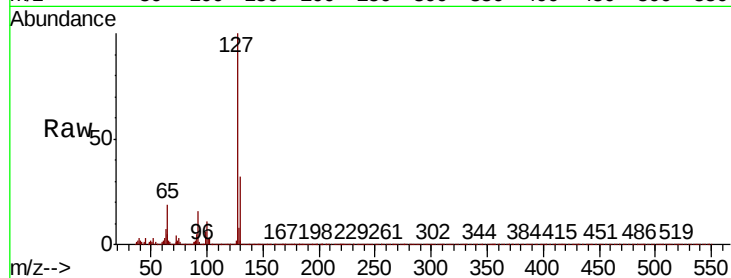




#33
4-Chloroaniline
Concen: 27.972 ng
RT: 10.62 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

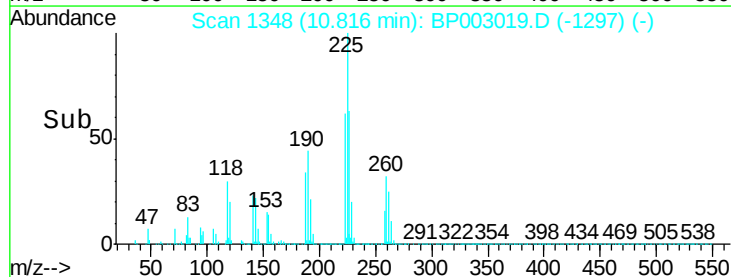
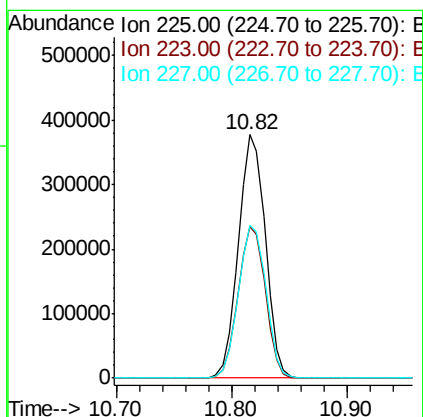
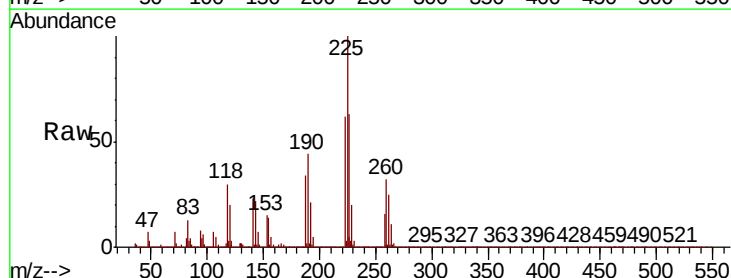
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

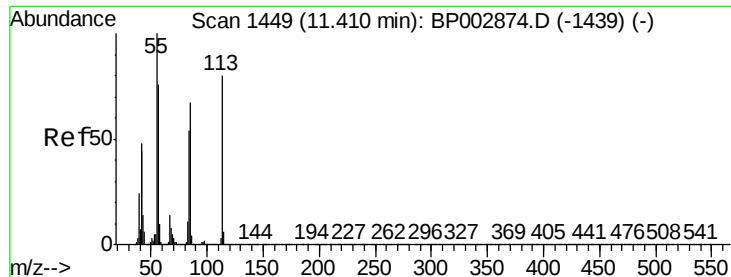
Tot Ion:	127	Resp:	987711
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	19.4	16.7	25.1
92	15.6	12.8	19.2



#34
Hexachlorobutadiene
Concen: 34.466 ng
RT: 10.82 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:	225	Resp:	610097
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	62.9	51.0	76.6

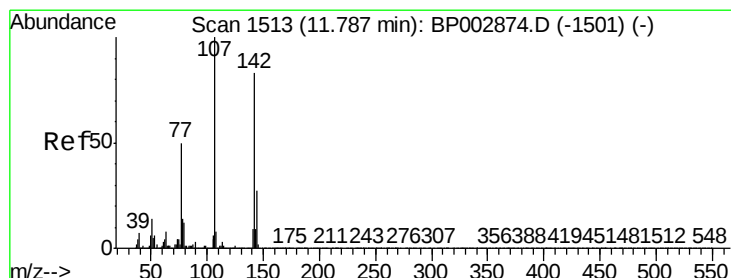
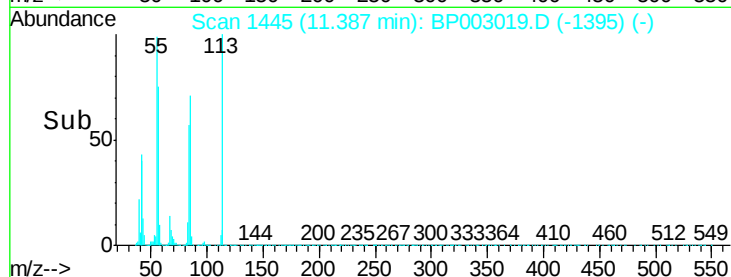
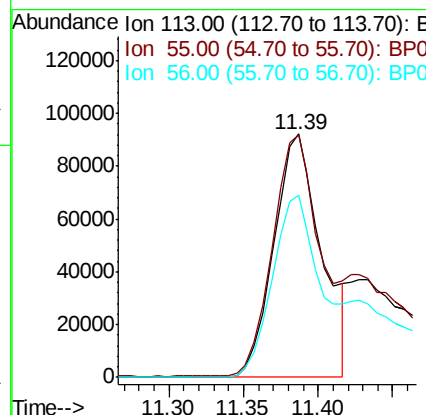
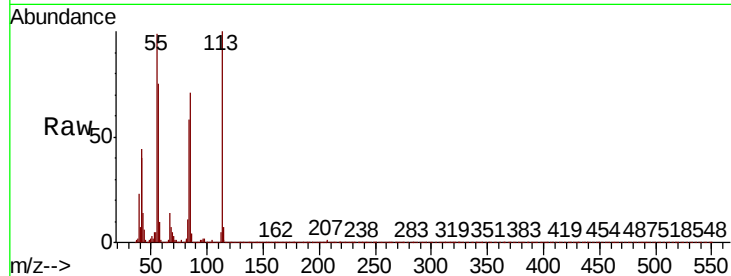




#35
Caprolactam
Concen: 26.703 ng
RT: 11.39 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

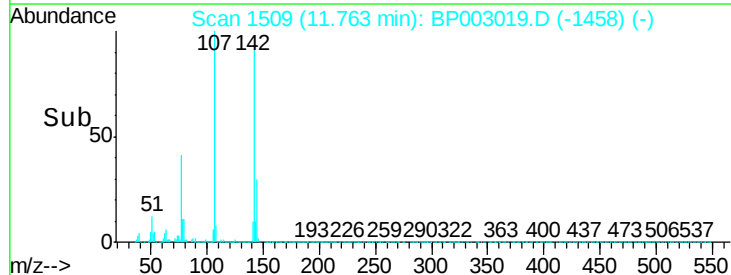
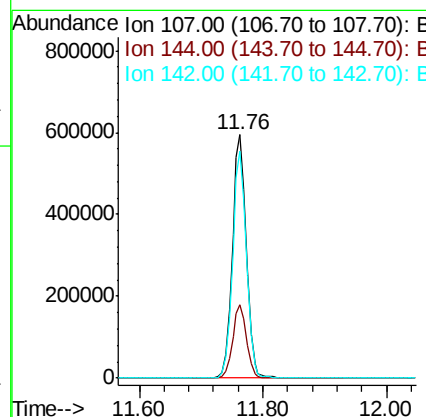
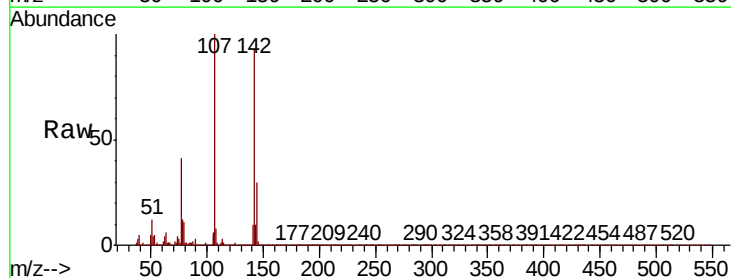
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

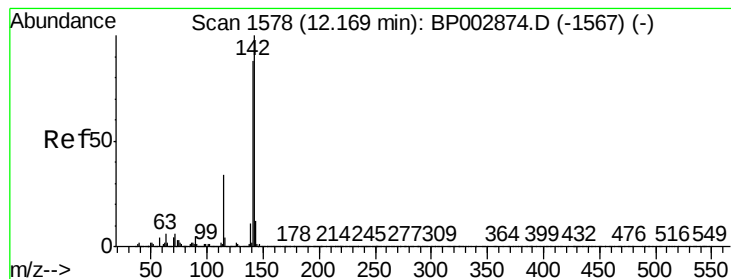
Tot Ion:113 Resp: 204445
Ion Ratio Lower Upper
113 100
55 99.4 87.1 127.1
56 74.7 61.0 101.0



#36
4-Chloro-3-methylphenol
Concen: 36.213 ng
RT: 11.76 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:107 Resp: 931478
Ion Ratio Lower Upper
107 100
144 30.2 23.8 35.6
142 93.3 74.2 111.4





#37

2-Methylnaphthalene

Concen: 38.131 ng

RT: 12.13 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

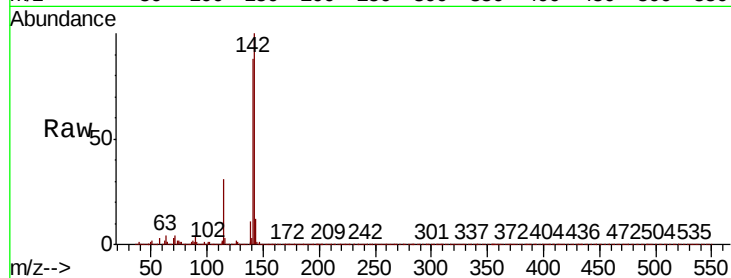
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:142 Resp: 2311037

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7
115	30.7	25.0	37.4

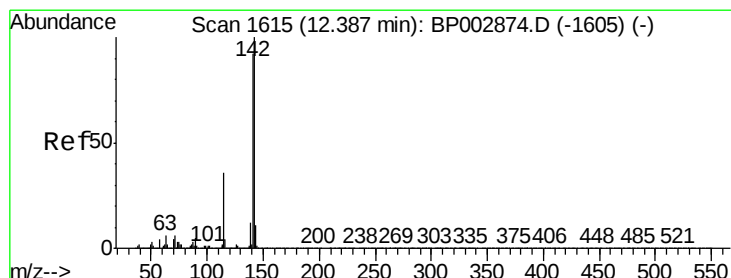
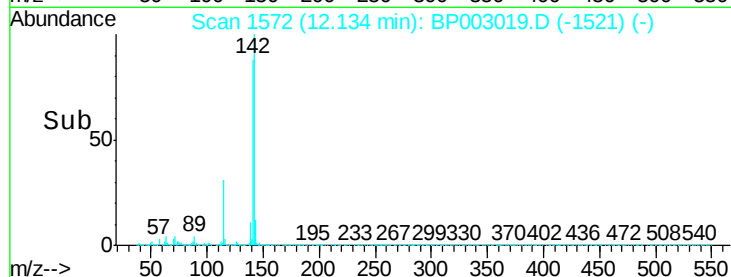
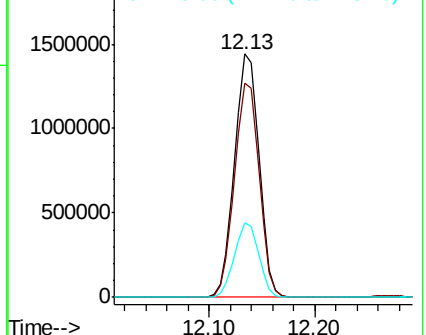


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.111 ng

RT: 12.36 min Scan# 1610

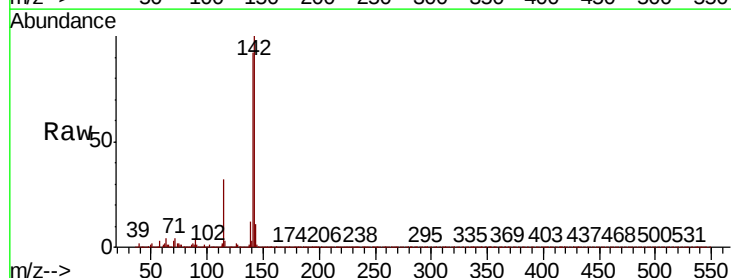
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:142 Resp: 2174348

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.5	110.3
116	3.3	2.8	4.2

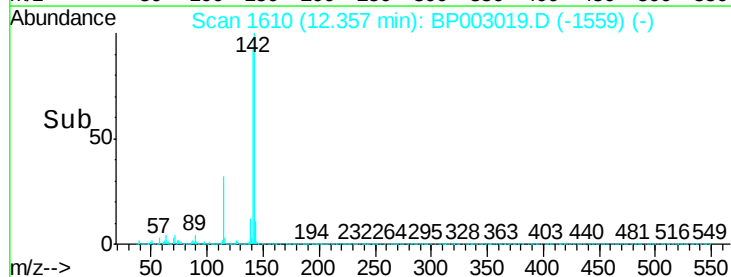
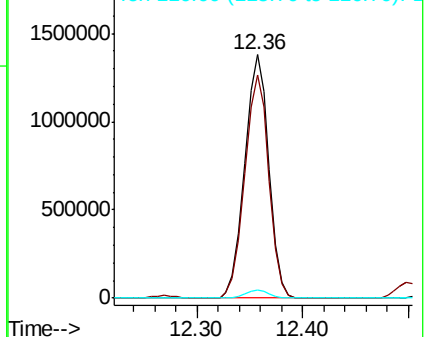


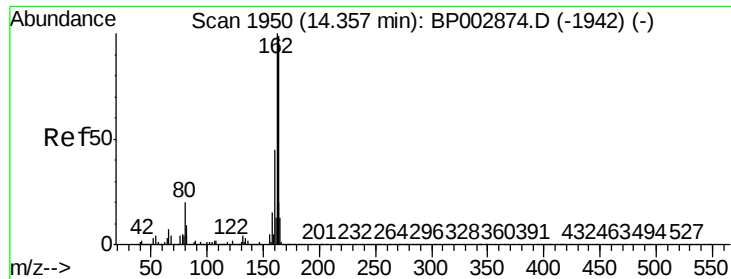
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

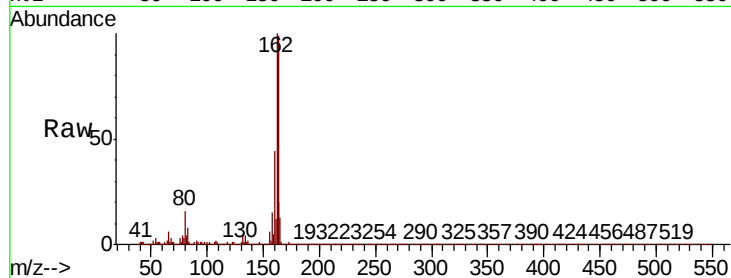
Tot Ion:164 Resp: 873106

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 44.6 35.5 53.3

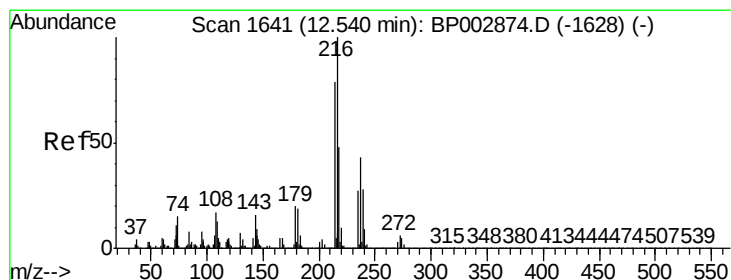
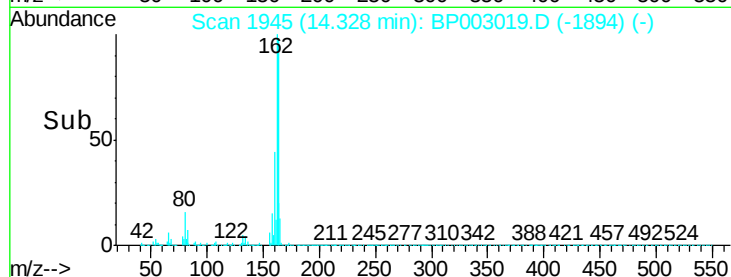
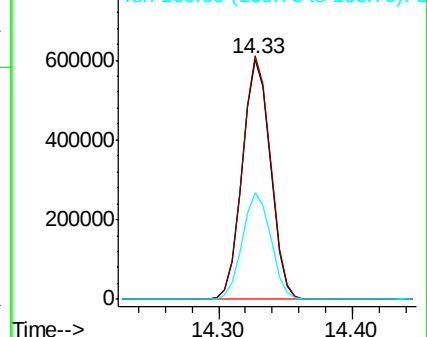


Abundance

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: 34.792 ng

RT: 12.51 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:216 Resp: 1092167

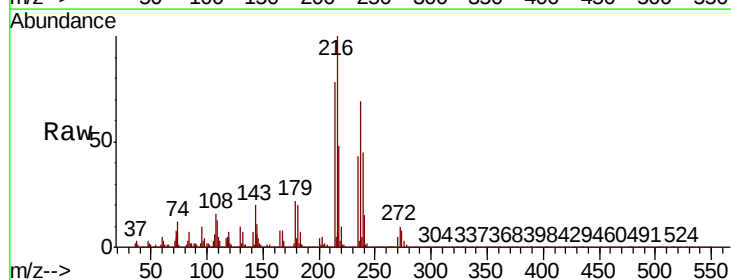
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 21.1 17.3 25.9

108 17.4 13.6 20.4



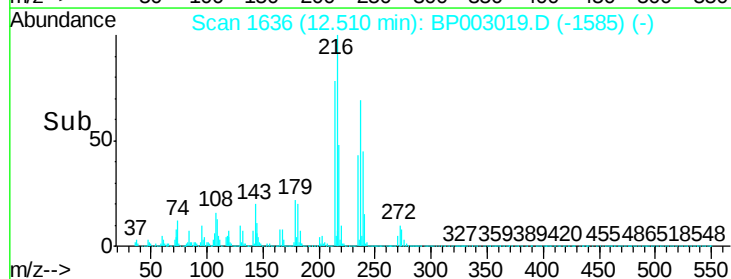
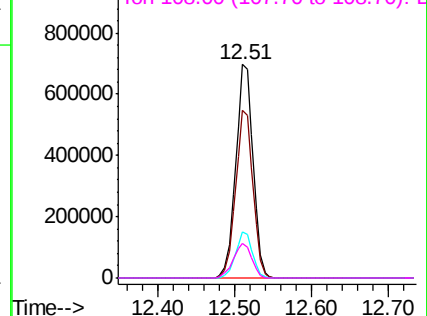
Abundance

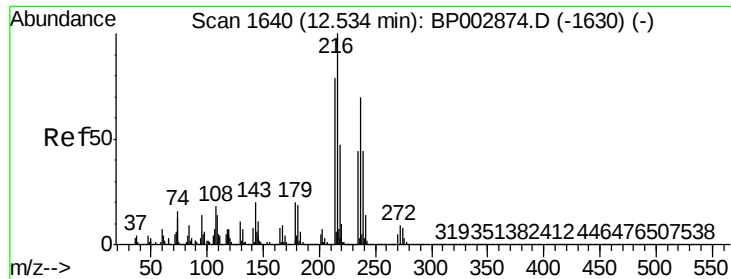
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

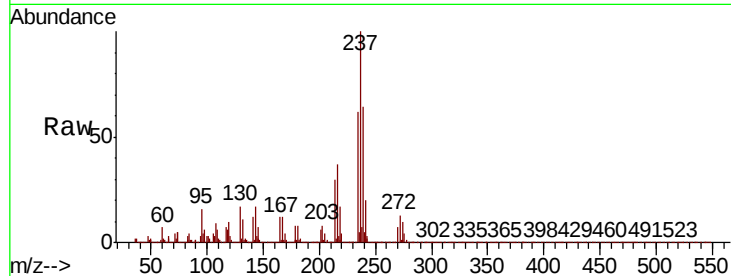




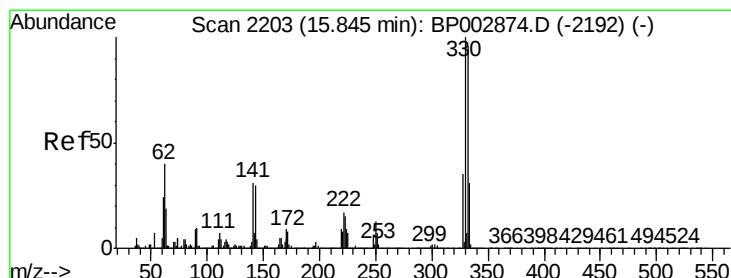
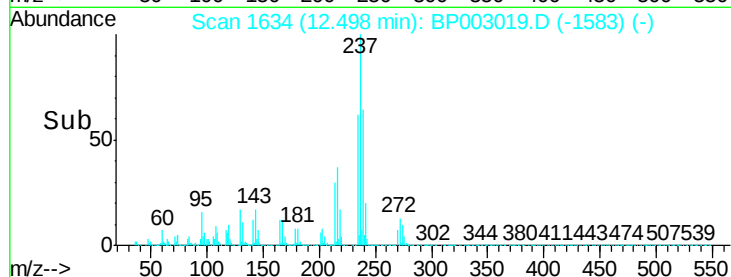
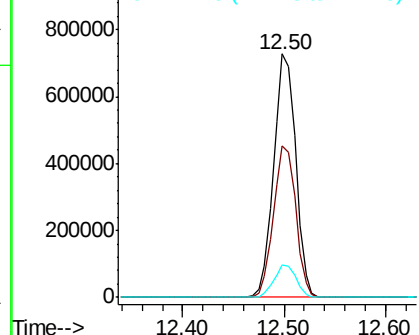
#41
Hexachlorocyclopentadiene
Concen: 67.507 ng
RT: 12.50 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion:237 Resp: 1099341
Ion Ratio Lower Upper
237 100
235 62.4 43.8 83.8
272 13.2 0.0 33.3

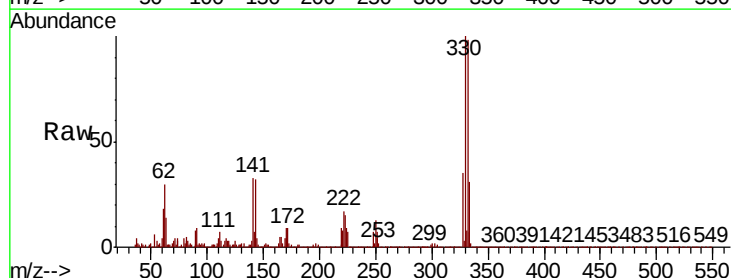


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

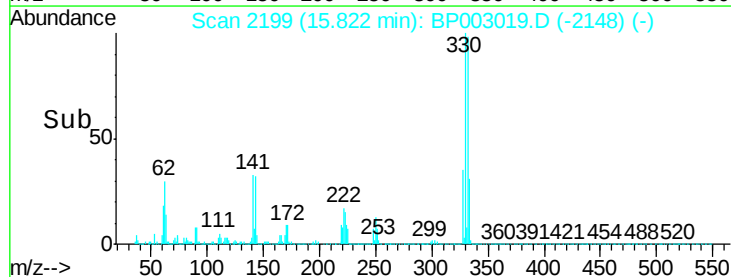
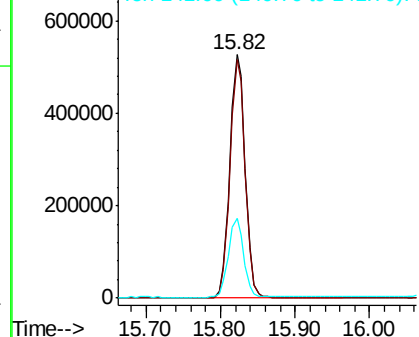


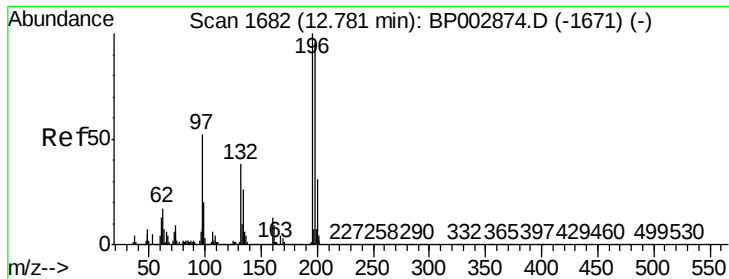
#42
2,4,6-Tribromophenol
Concen: 70.282 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:330 Resp: 762680
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 32.4 26.7 40.1



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: 41.230 ng

RT: 12.75 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

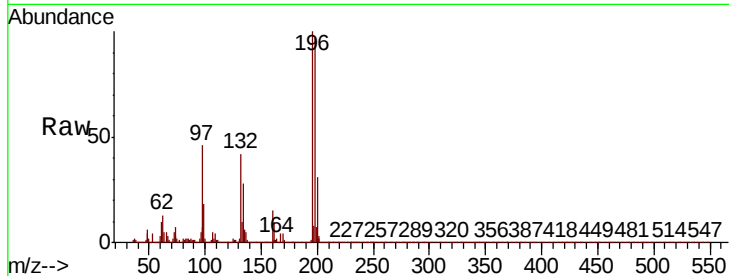
Tot Ion:196 Resp: 750122

Ion Ratio Lower Upper

196 100

198 97.0 76.2 114.2

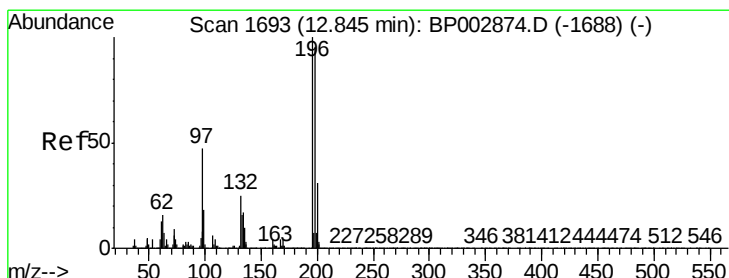
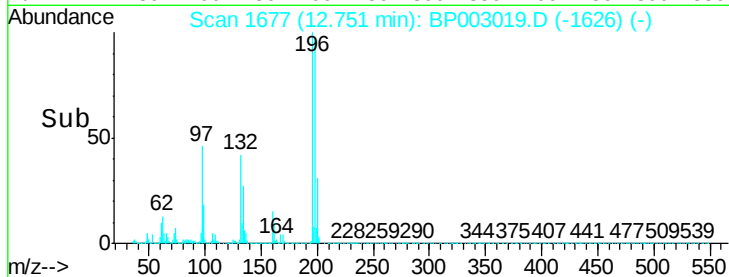
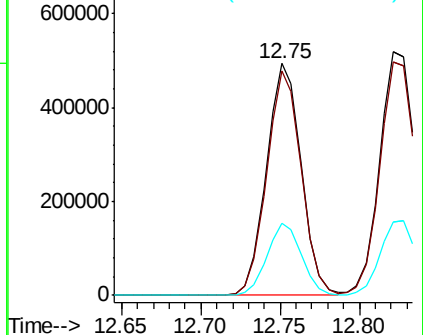
200 31.2 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.534 ng

RT: 12.82 min Scan# 1689

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:196 Resp: 828965

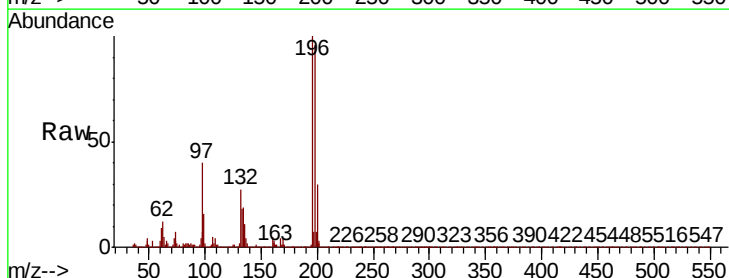
Ion Ratio Lower Upper

196 100

198 95.6 76.8 115.2

97 40.1 33.6 50.4

132 26.9 22.6 33.8

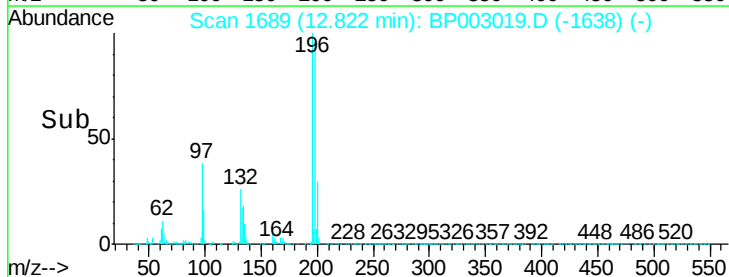
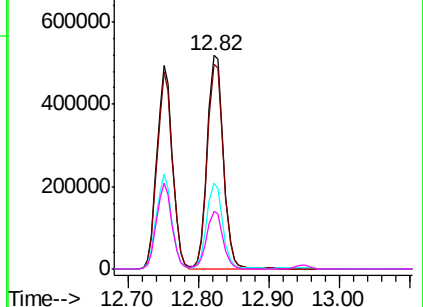


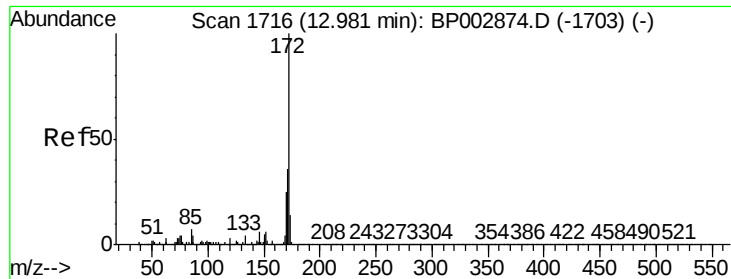
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BPO

Ion 132.00 (131.70 to 132.70): E

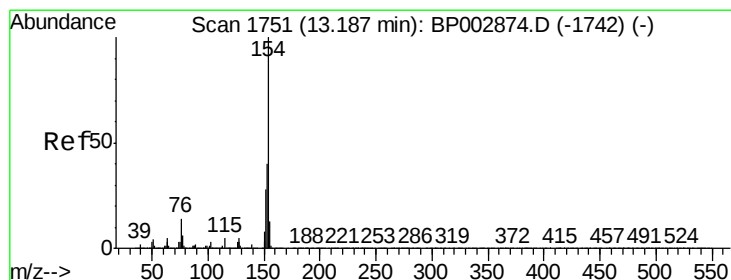
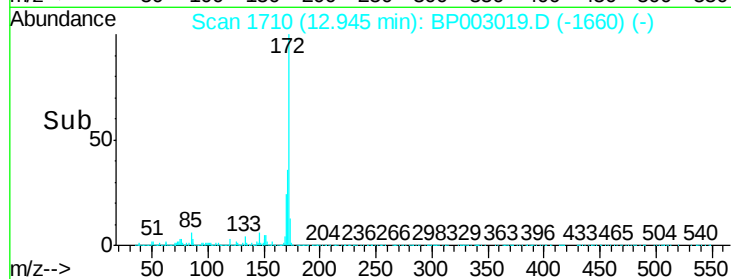
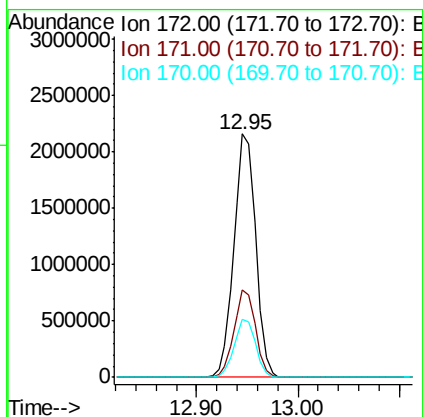
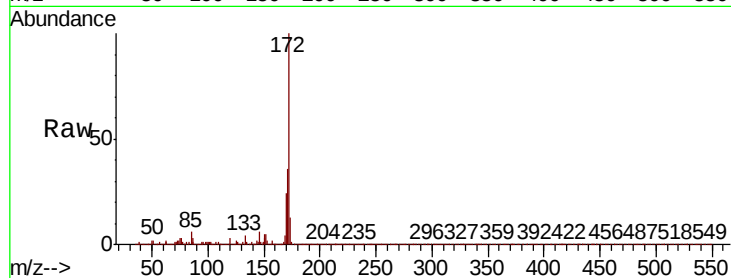




#45
2-Fluorobiphenyl
Concen: 50.250 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

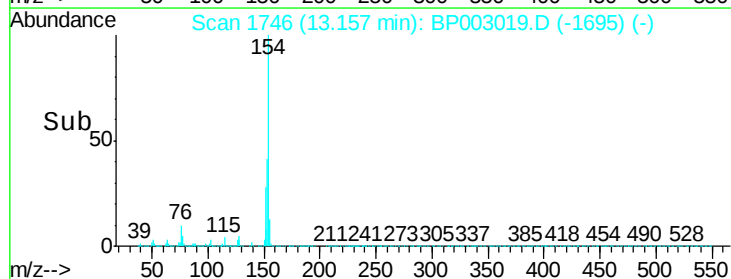
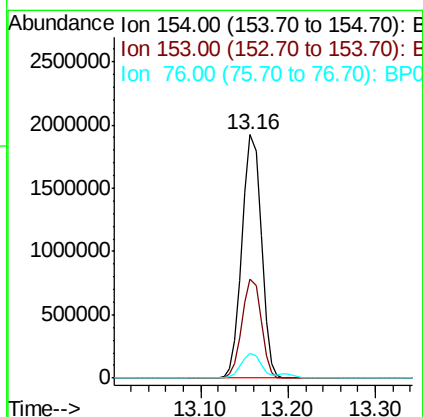
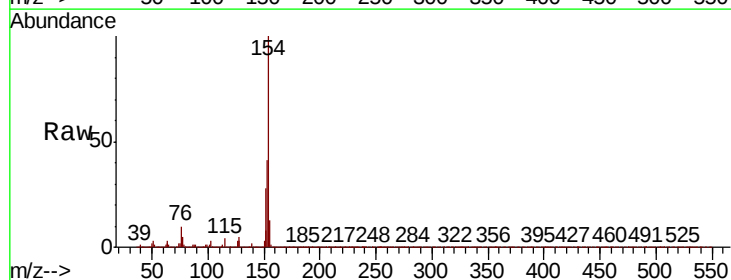
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

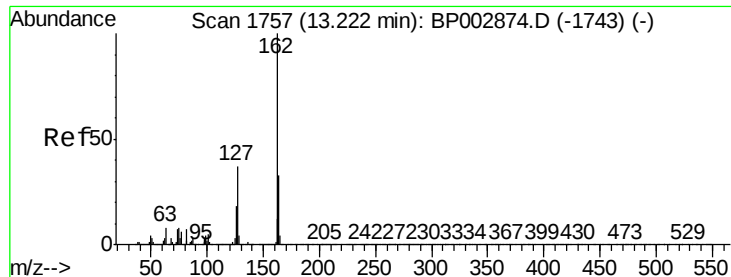
Tot Ion:172 Resp: 3211151
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.383 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:154 Resp: 2842609
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 10.0 0.0 30.1

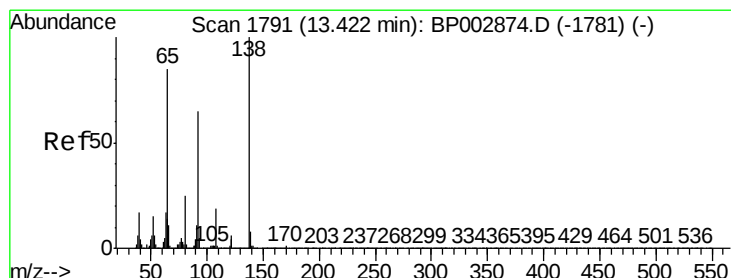
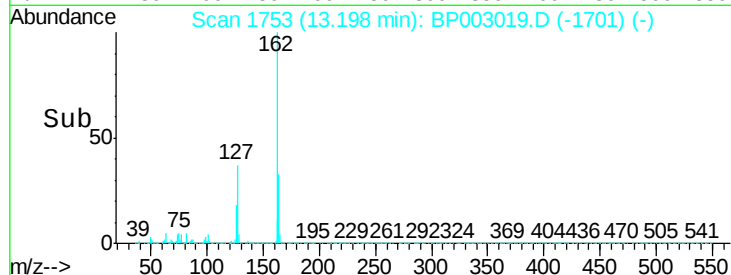
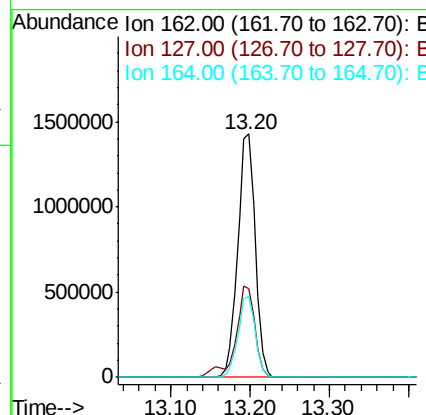
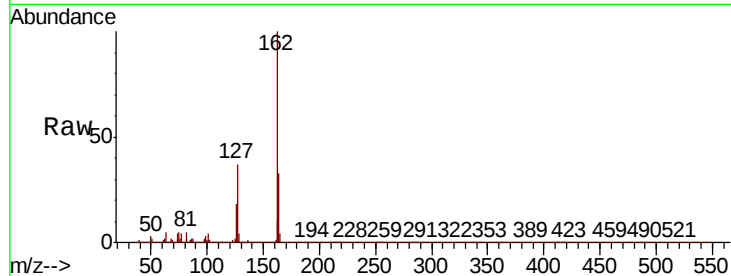




#47
2-Chloronaphthalene
Concen: 38.396 ng
RT: 13.20 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

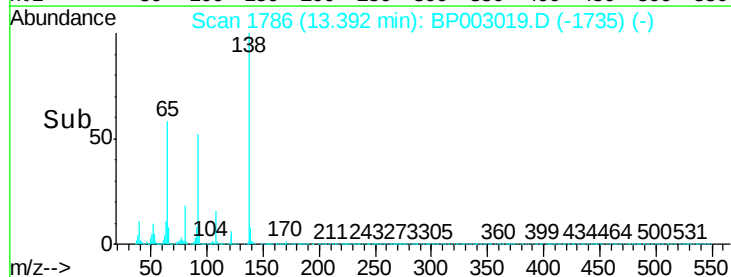
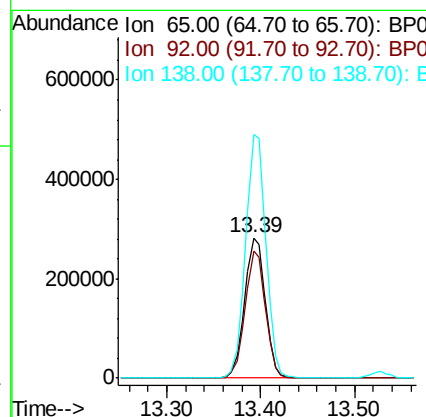
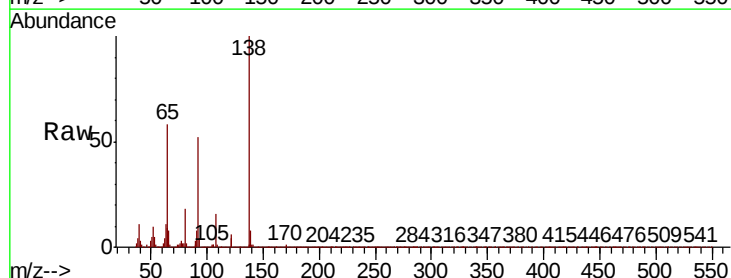
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

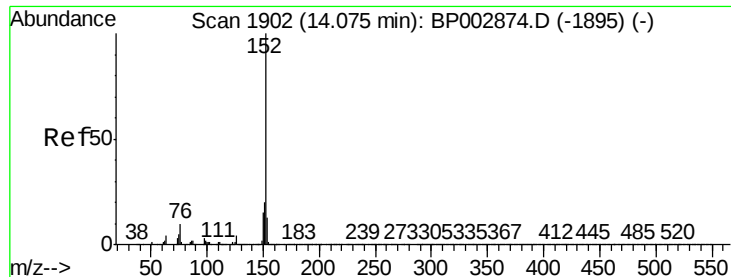
Tot Ion:162 Resp: 2170161
Ion Ratio Lower Upper
162 100
127 36.6 30.6 46.0
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 32.018 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion: 65 Resp: 431059
Ion Ratio Lower Upper
65 100
92 90.2 70.1 105.1
138 173.5 129.7 194.5





#49

Acenaphthylene

Concen: 40.920 ng

RT: 14.05 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

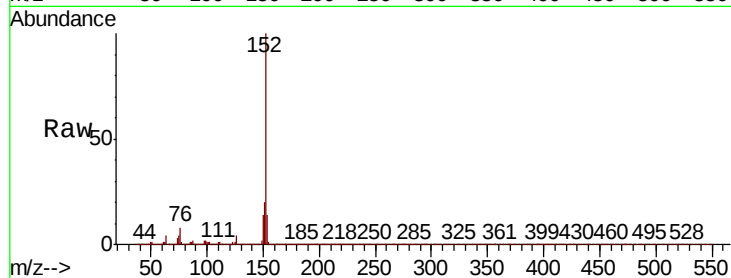
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:152 Resp: 3627123

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.6	10.7	16.1

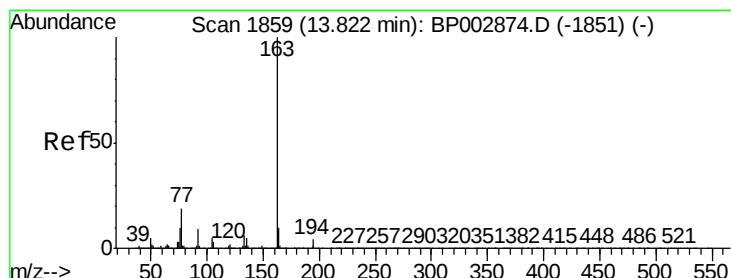
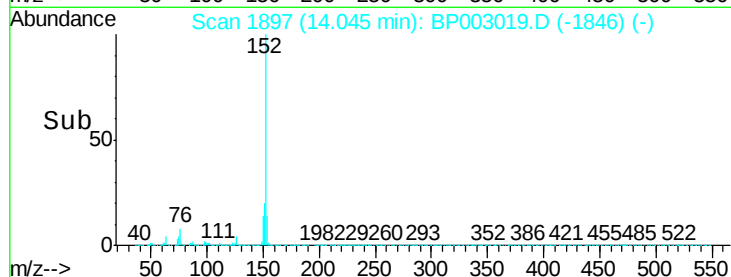
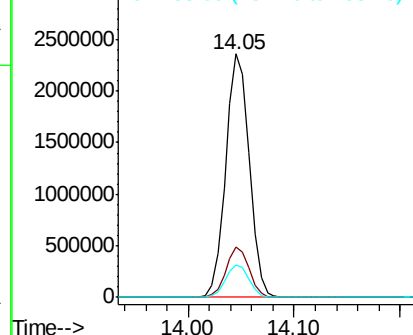


Abundance

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: 43.252 ng

RT: 13.79 min Scan# 1854

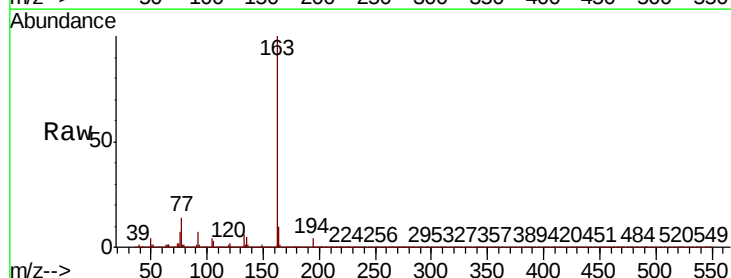
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:163 Resp: 2953593

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.1	12.1

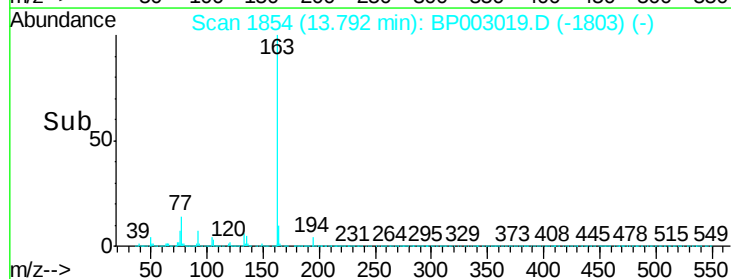
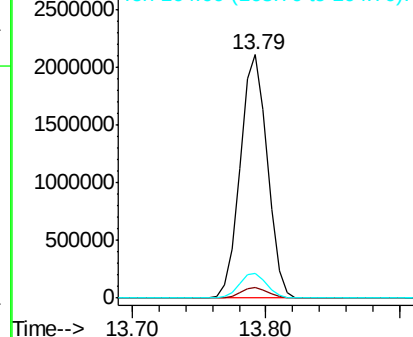


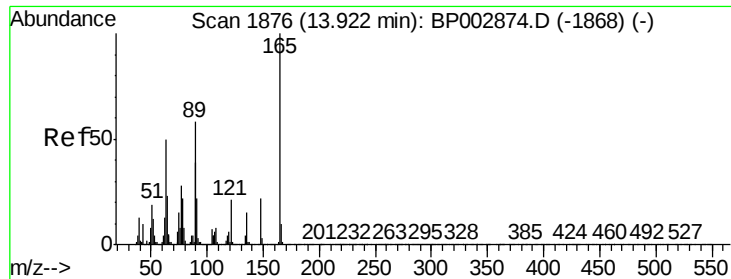
Abundance

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

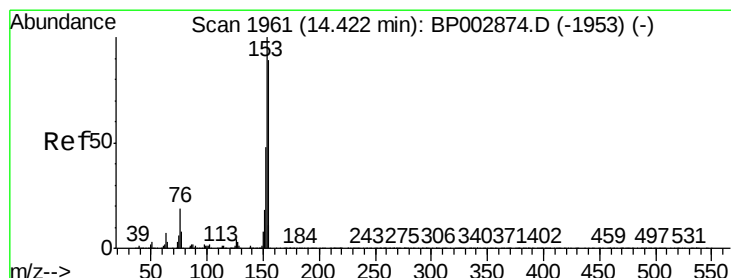
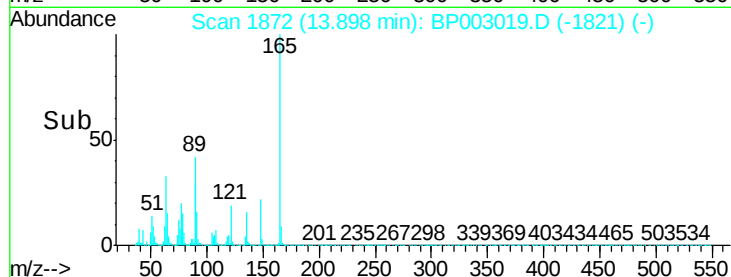
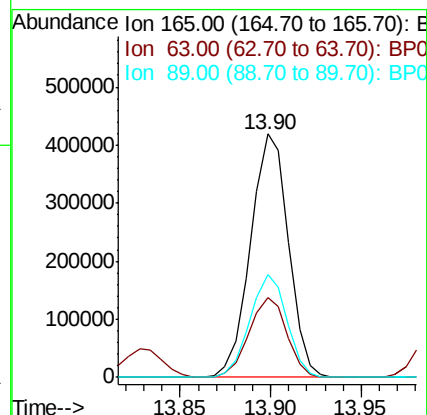
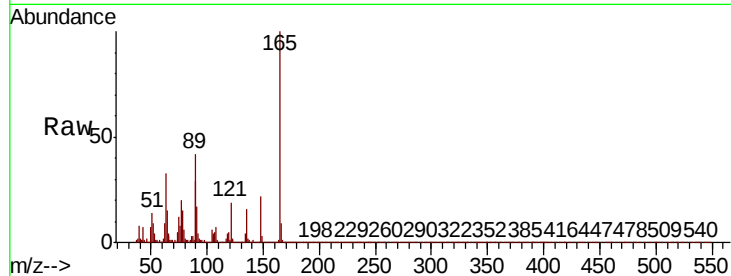




#51
2,6-Dinitrotoluene
Concen: 39.959 ng
RT: 13.90 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

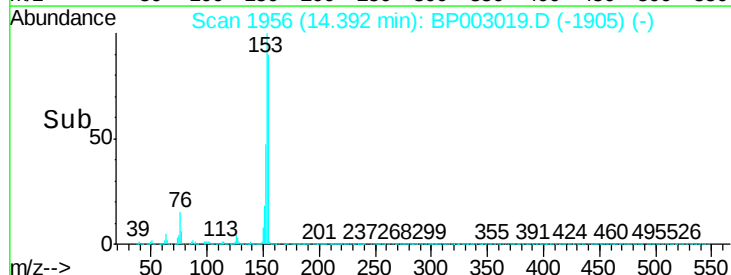
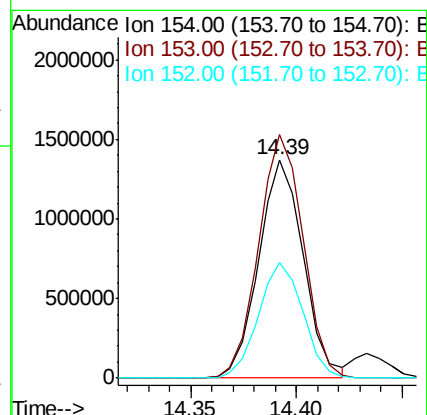
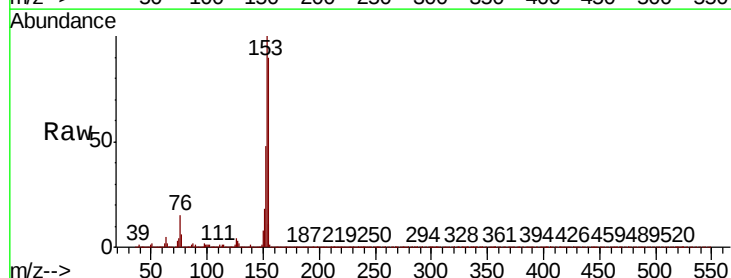
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

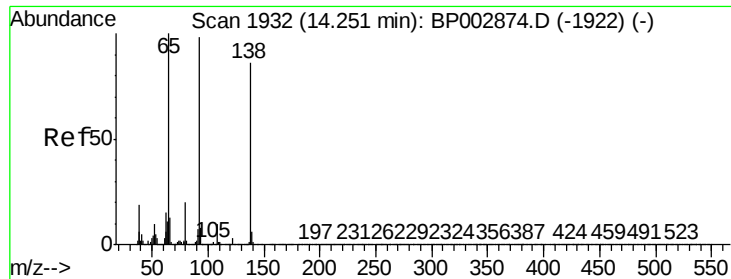
Tot Ion:165 Resp: 607158
Ion Ratio Lower Upper
165 100
63 33.0 28.1 42.1
89 42.0 34.5 51.7



#52
Acenaphthene
Concen: 35.308 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:154 Resp: 2011549
Ion Ratio Lower Upper
154 100
153 111.4 89.5 134.3
152 53.1 42.7 64.1

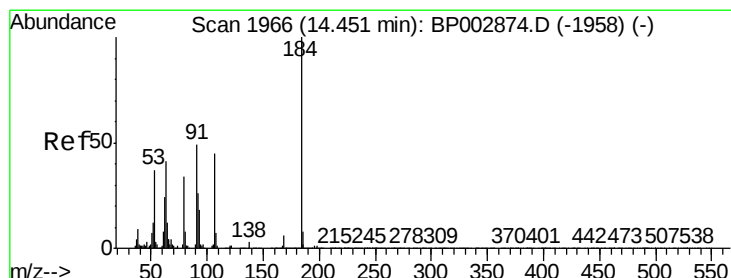
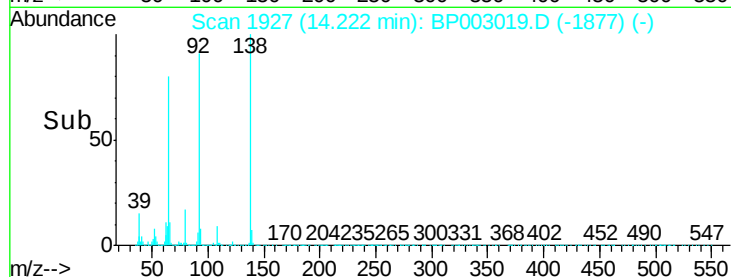
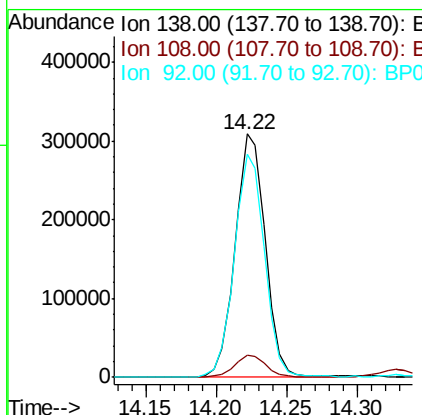
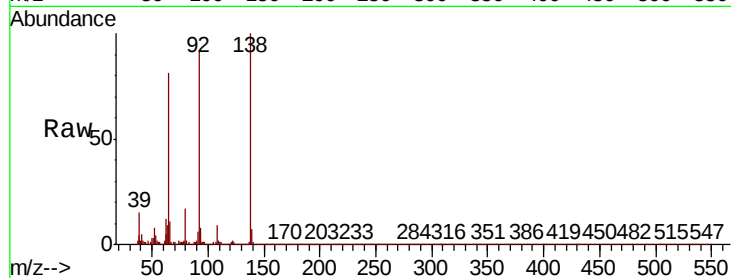




#53
3-Nitroaniline
Concen: 29.547 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

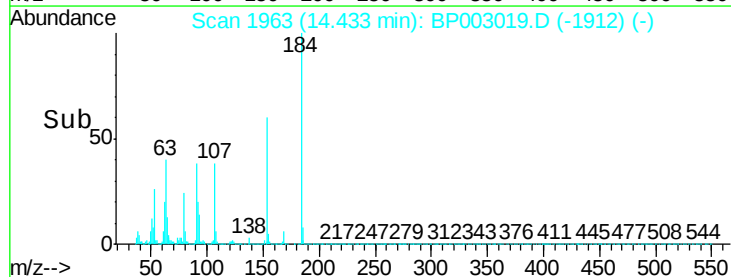
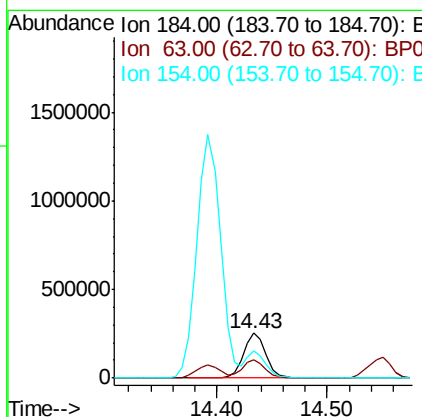
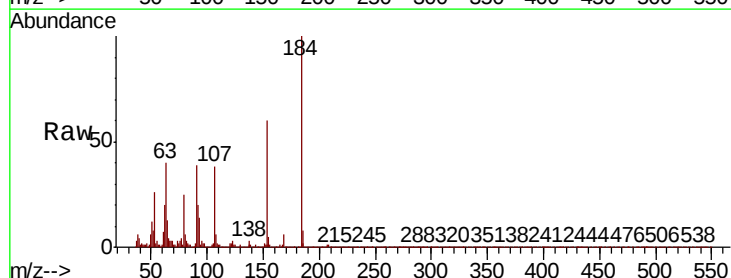
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

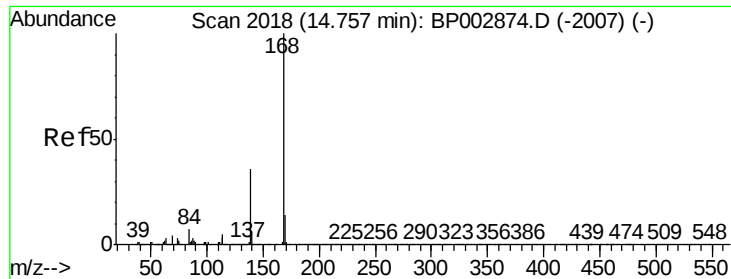
Tot Ion:138 Resp: 455747
Ion Ratio Lower Upper
138 100
108 9.2 7.7 11.5
92 91.5 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 58.349 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:184 Resp: 362673
Ion Ratio Lower Upper
184 100
63 39.8 33.0 49.6
154 59.8 46.8 70.2

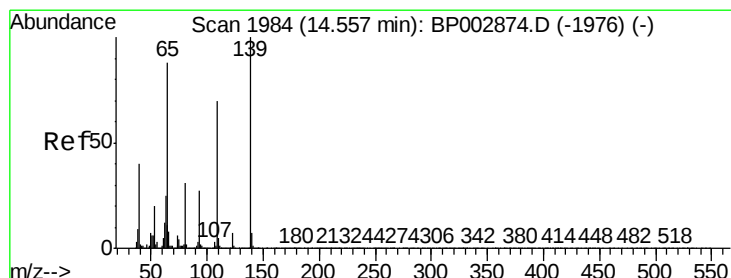
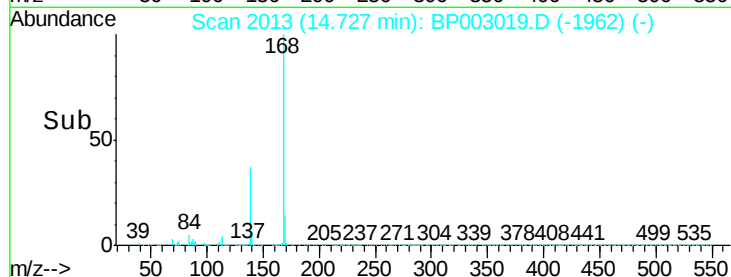
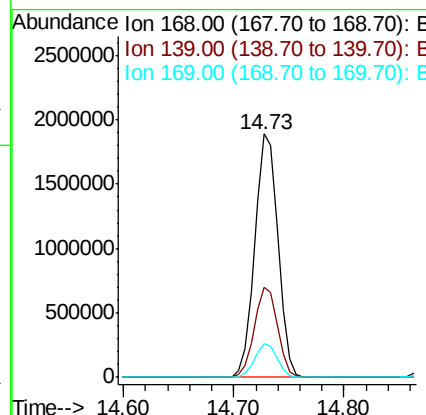
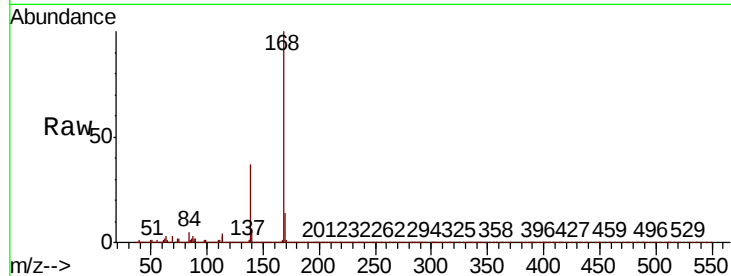




#55
Dibenzofuran
Concen: 31.890 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

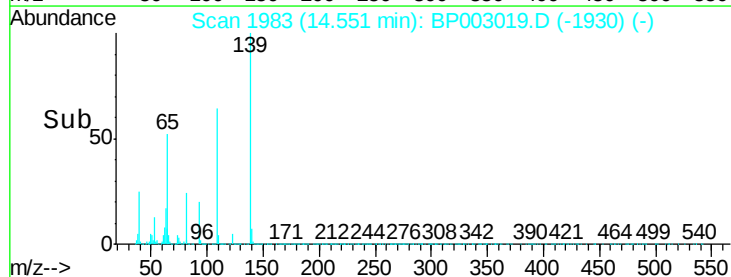
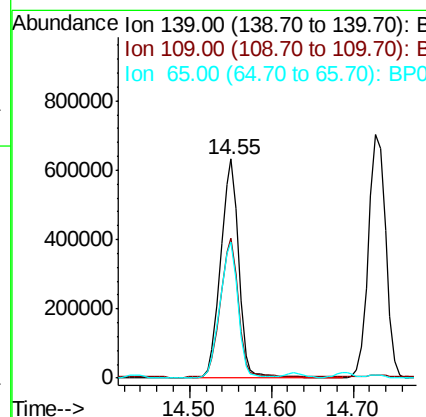
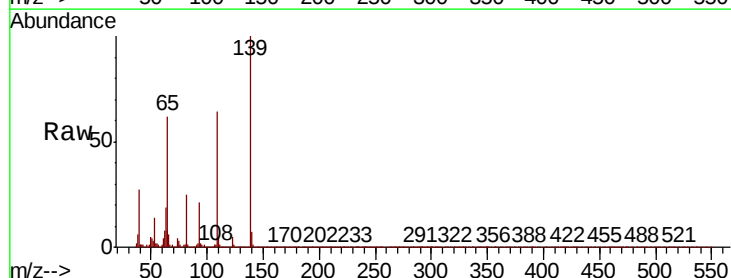
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

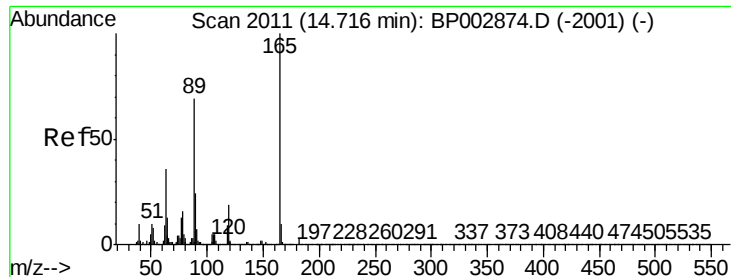
Tot Ion:168 Resp: 2786746
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 80.815 ng
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:139 Resp: 978608
Ion Ratio Lower Upper
139 100
109 64.2 41.1 81.1
65 62.0 44.4 84.4





#57

2,4-Dinitrotoluene

Concen: 36.178 ng

RT: 14.69 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:165 Resp: 713301

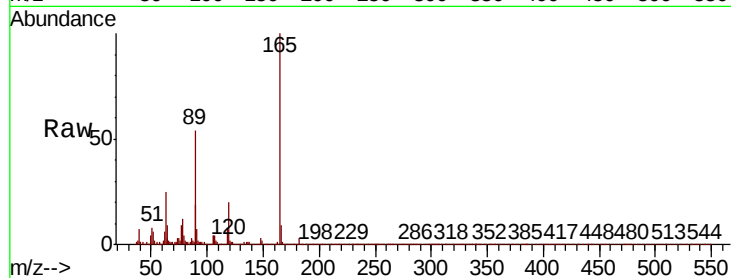
Ion Ratio Lower Upper

165 100

63 25.0 20.6 31.0

89 53.8 43.4 65.0

182 2.9 2.3 3.5

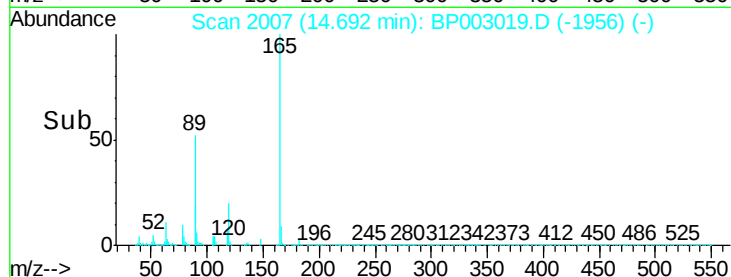


Abundance Ion 165.00 (164.70 to 165.70): E

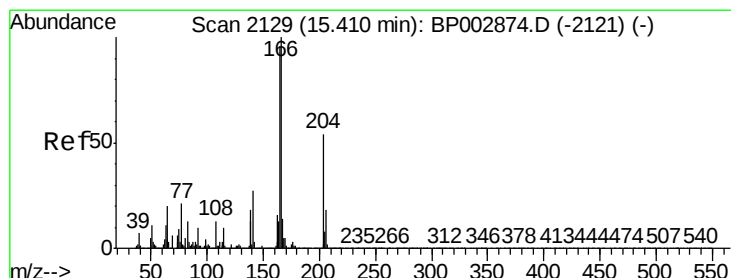
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



Time--> 14.60 14.70



#58

Fluorene

Concen: 30.804 ng

RT: 15.38 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

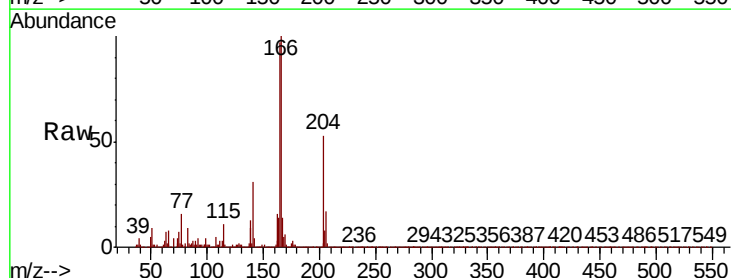
Tgt Ion:166 Resp: 2107610

Ion Ratio Lower Upper

166 100

165 97.4 78.1 117.1

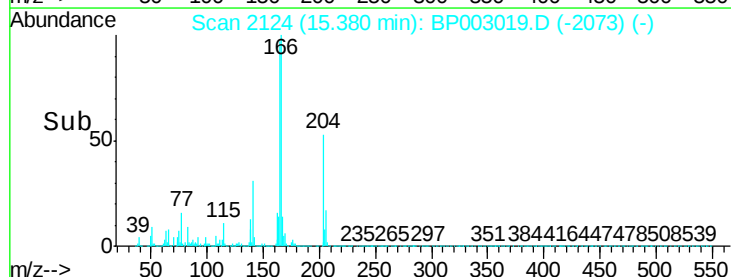
167 13.6 10.9 16.3



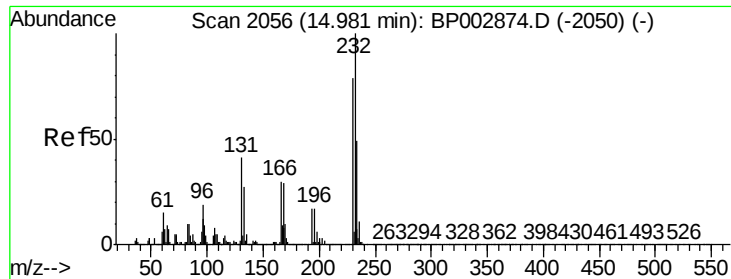
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.30 15.35 15.40 15.45



#59

2,3,4,6-Tetrachlorophenol

Concen: 37.038 ng

RT: 14.96 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:232 Resp: 616798

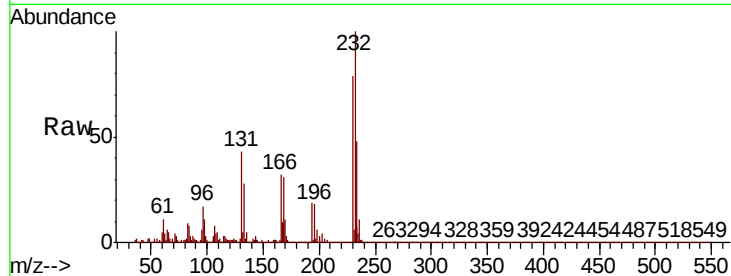
Ion Ratio Lower Upper

232 100

131 44.0 35.4 53.2

130 2.3 1.8 2.6

166 31.4 25.3 37.9

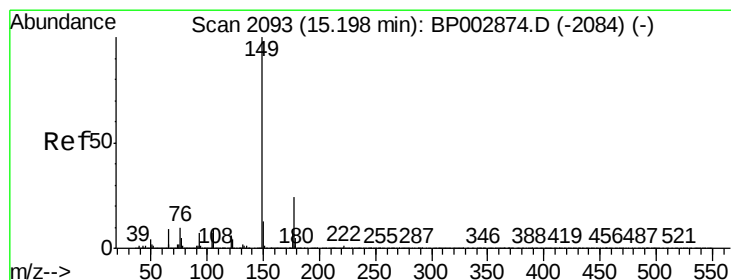
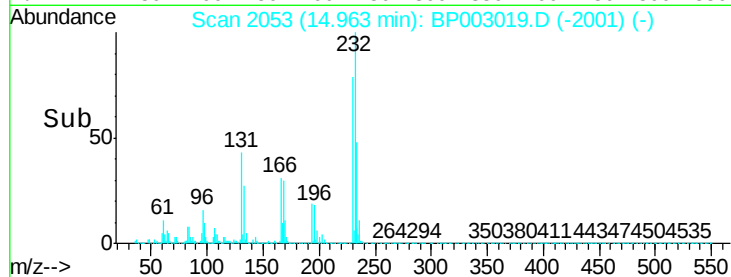
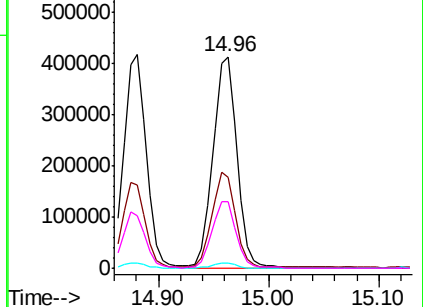


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.234 ng

RT: 15.17 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

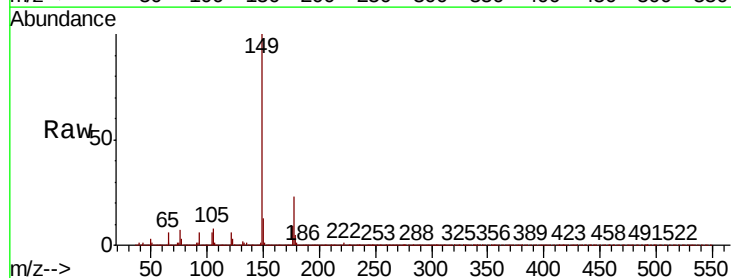
Tgt Ion:149 Resp: 2351086

Ion Ratio Lower Upper

149 100

177 22.9 18.6 27.8

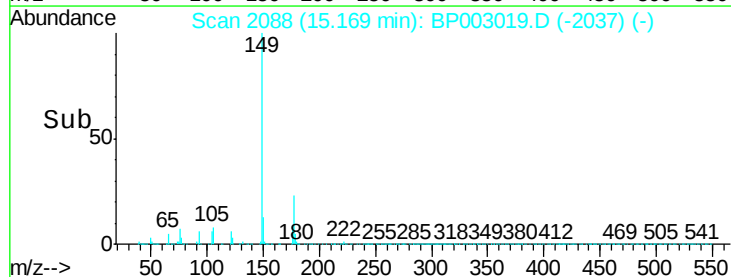
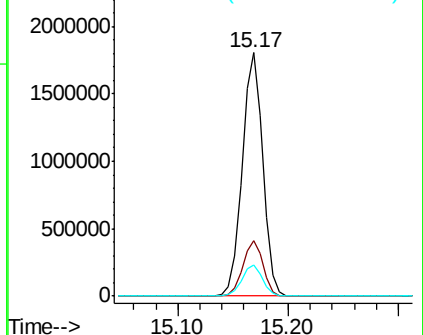
150 12.7 10.2 15.4

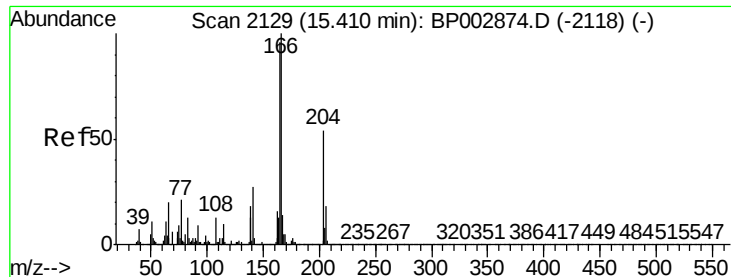


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

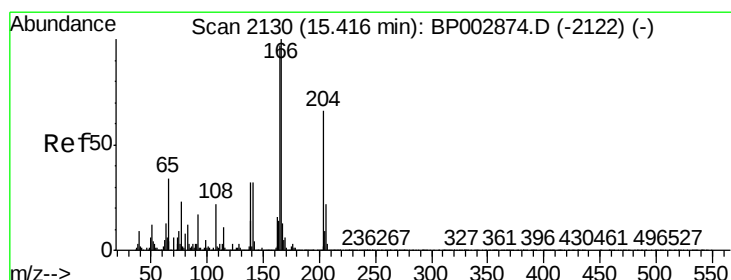
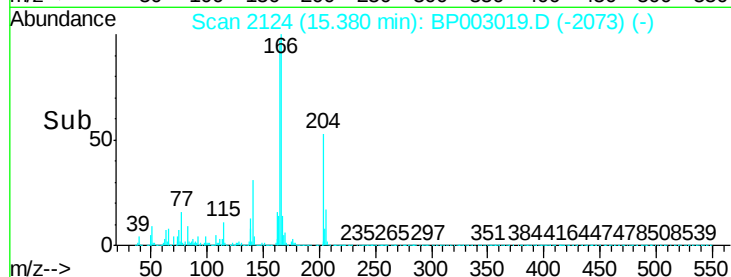
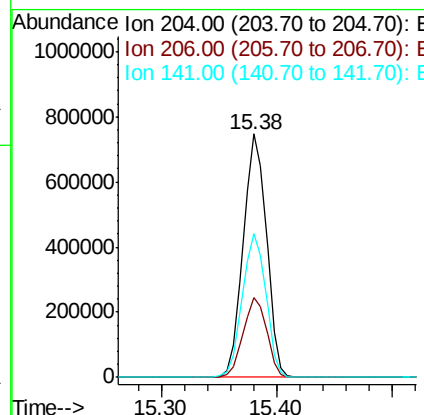
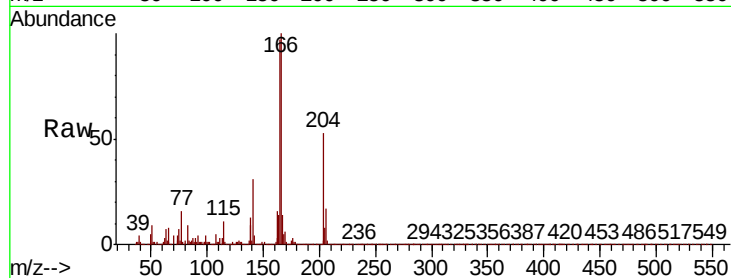




#61
4-Chlorophenyl-phenylether
Concen: 29.588 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

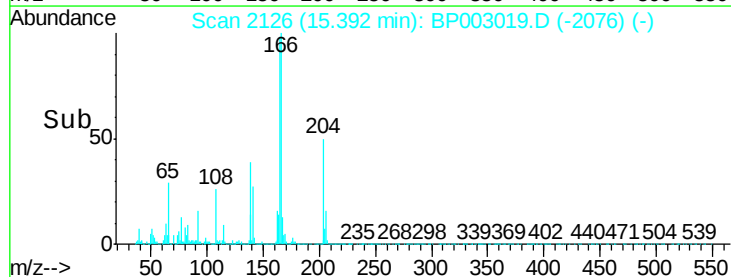
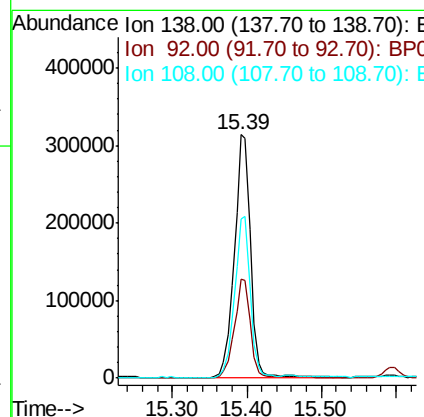
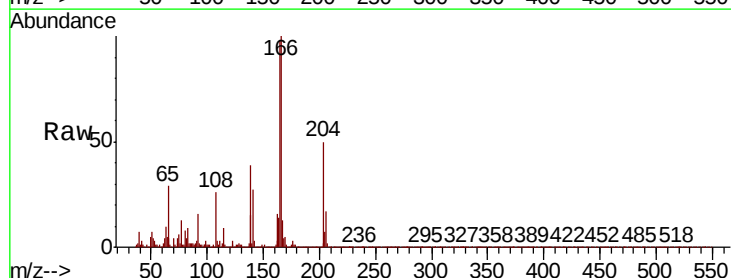
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

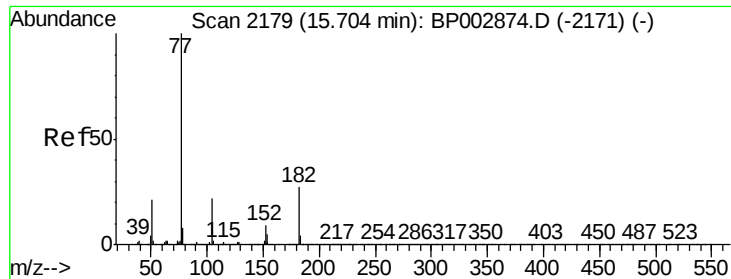
Tot Ion:204 Resp: 1041884
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 59.1 45.9 68.9



#62
4-Nitroaniline
Concen: 30.789 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:138 Resp: 473431
Ion Ratio Lower Upper
138 100
92 40.7 21.4 61.4
108 65.2 40.8 80.8

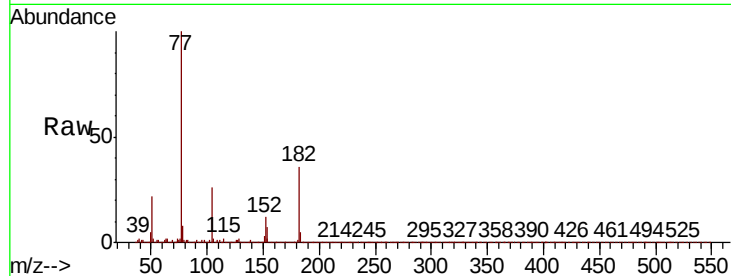




#63
Azobenzene
Concen: 24.515 ng
RT: 15.67 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion:	77	Resp:	1646817
Ion	Ratio	Lower	Upper
77	100		
182	35.7	15.4	55.4
105	25.6	5.8	45.8
51	21.9	1.0	41.0

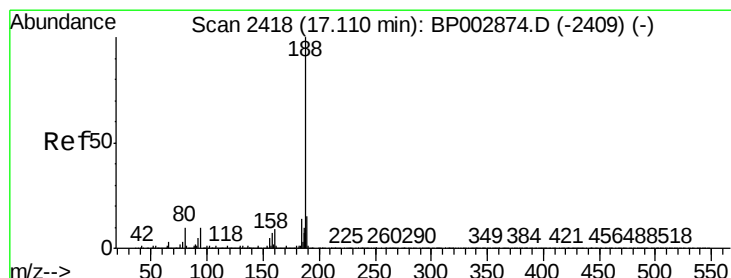
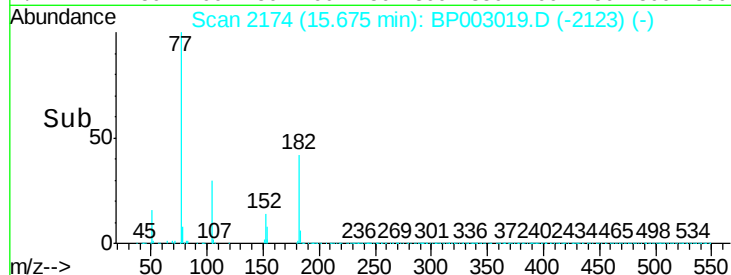
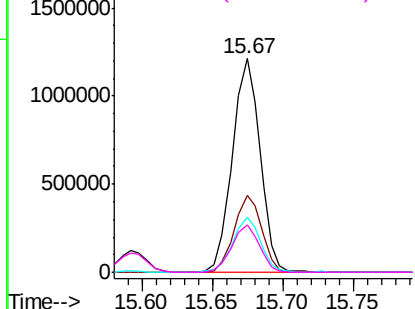


Abundance Ion 77.00 (76.70 to 77.70): BP003019.D (-2123) (-)

Ion 182.00 (181.70 to 182.70): BP003019.D (-2123) (-)

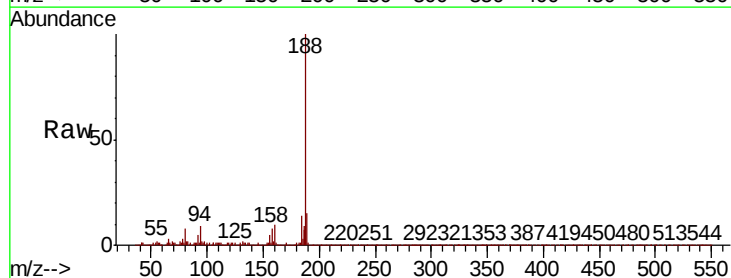
Ion 105.00 (104.70 to 105.70): BP003019.D (-2123) (-)

Ion 51.00 (50.70 to 51.70): BP003019.D (-2123) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

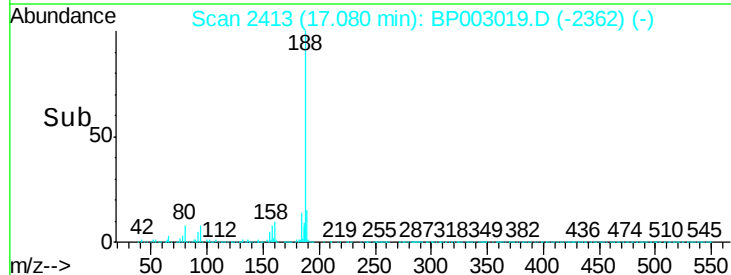
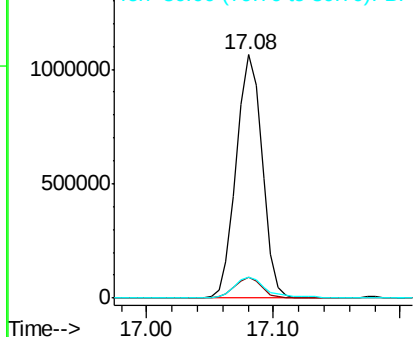
Tgt Ion:	188	Resp:	1504562
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	8.5	6.7	10.1

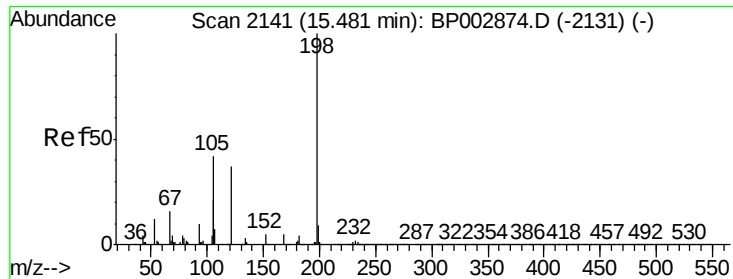


Abundance Ion 188.00 (187.70 to 188.70): BP003019.D (-2362) (-)

Ion 94.00 (93.70 to 94.70): BP003019.D (-2362) (-)

Ion 80.00 (79.70 to 80.70): BP003019.D (-2362) (-)

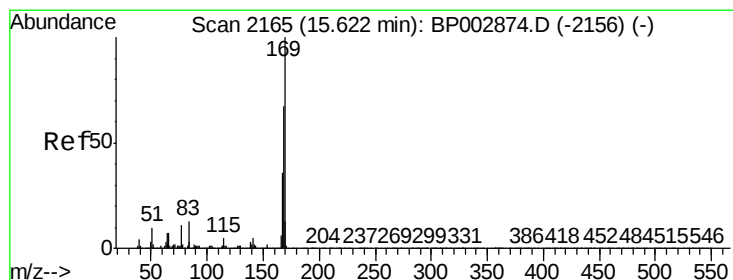
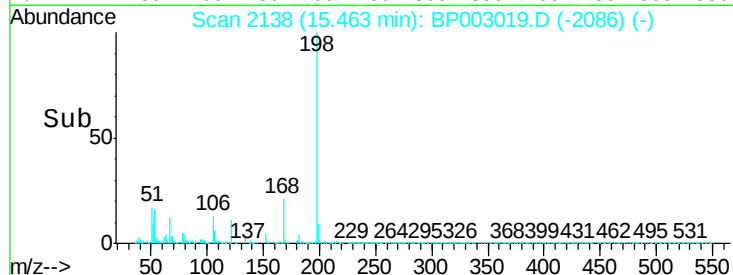
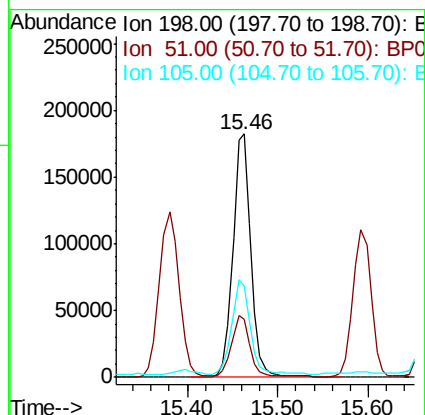
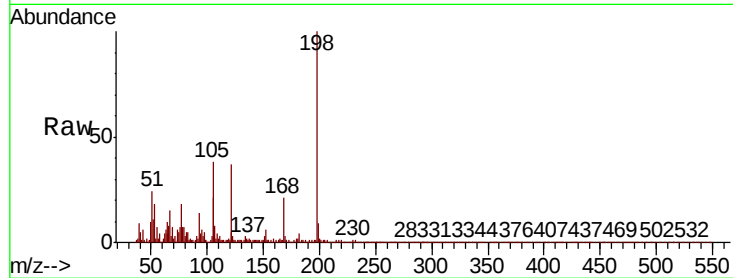




#65
4,6-Dinitro-2-methylphenol
Concen: 34.330 ng
RT: 15.46 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

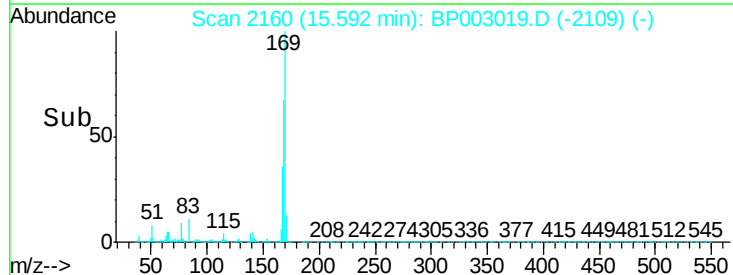
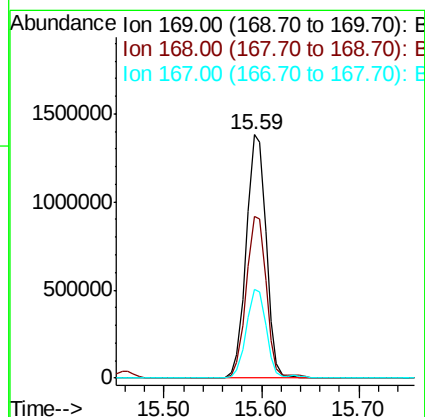
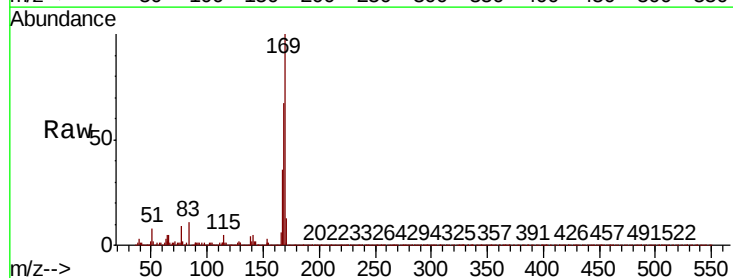
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

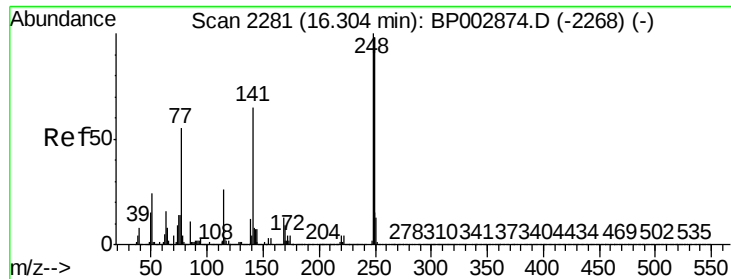
Tot Ion:198 Resp: 251130
Ion Ratio Lower Upper
198 100
51 24.0 6.2 46.2
105 37.7 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 39.434 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:169 Resp: 1964987
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.5 28.8 43.2

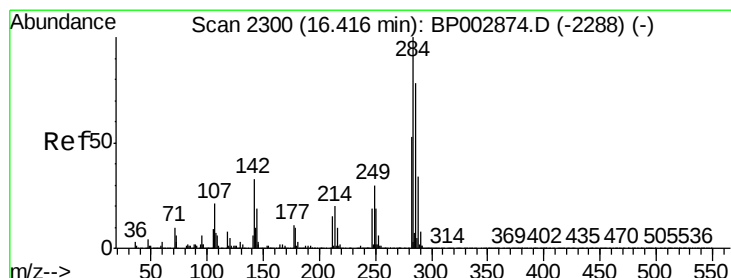
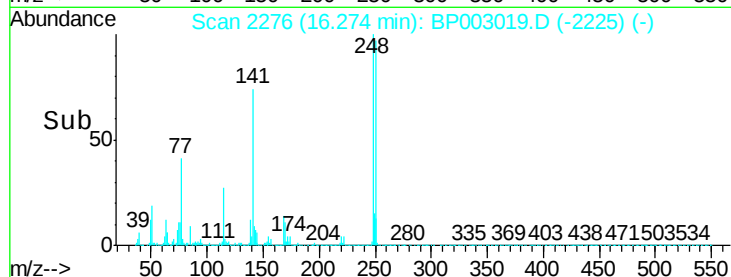
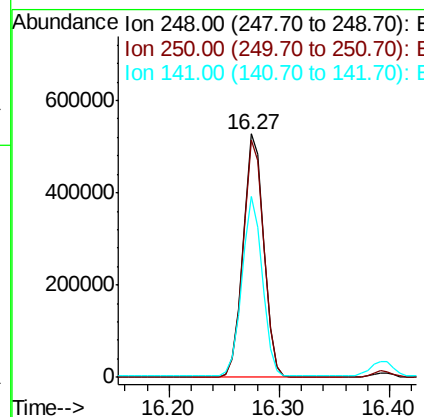
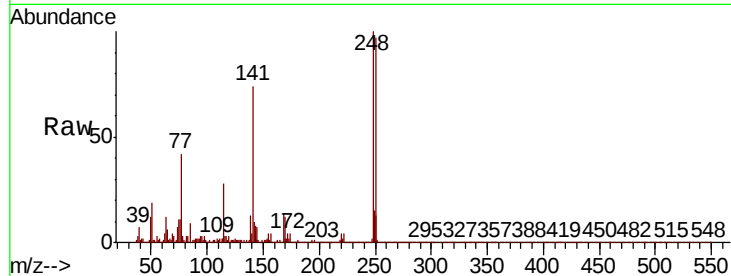




#67
4-Bromophenyl-phenylether
Concen: 37.889 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

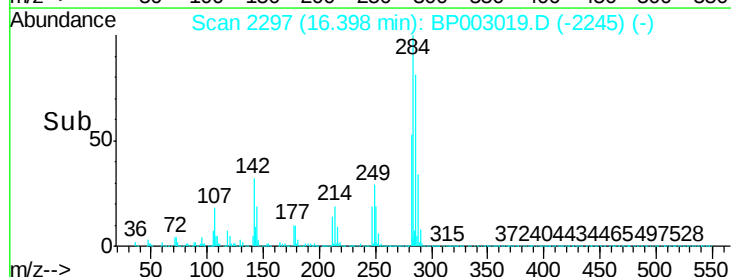
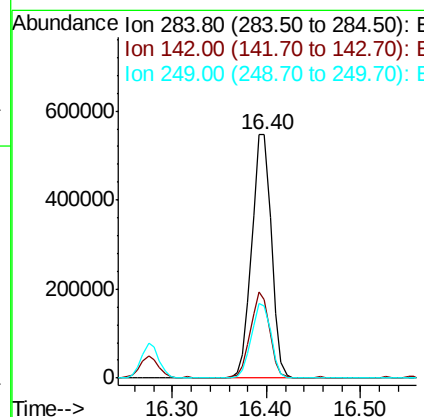
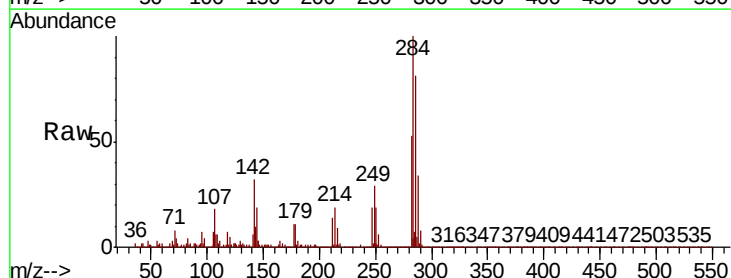
Instrument :
BNA_P
ClientSampleId :
V-23615MSD

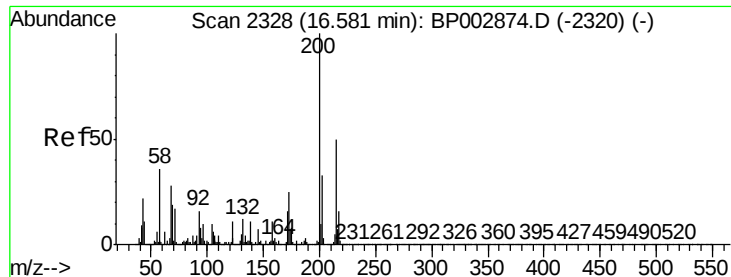
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.7	118.1
141	74.3	57.8	86.6



#68
Hexachlorobenzene
Concen: 37.504 ng
RT: 16.40 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.6	41.4
249	29.5	24.6	37.0





#69

Atrazine

Concen: 36.917 ng

RT: 16.56 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

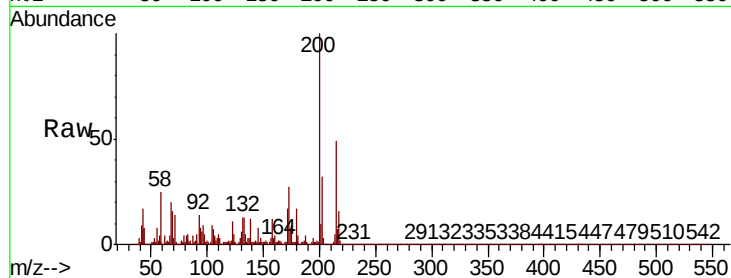
Tot Ion:200 Resp: 623232

Ion Ratio Lower Upper

200 100

173 27.0 7.5 47.5

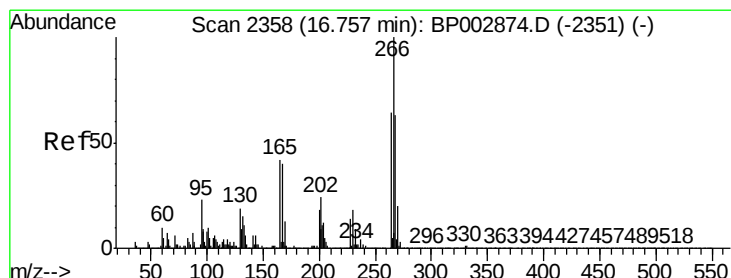
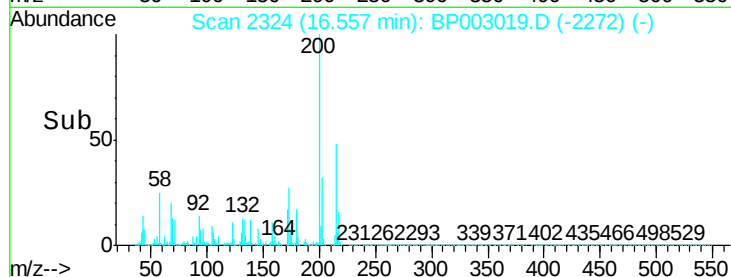
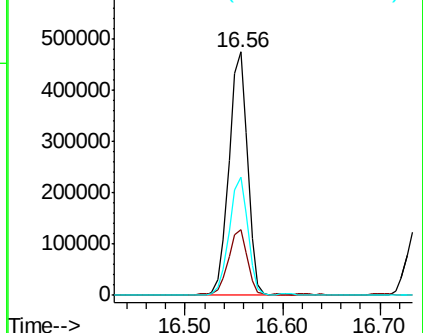
215 48.6 27.6 67.6



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: 93.237 ng

RT: 16.74 min Scan# 2355

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

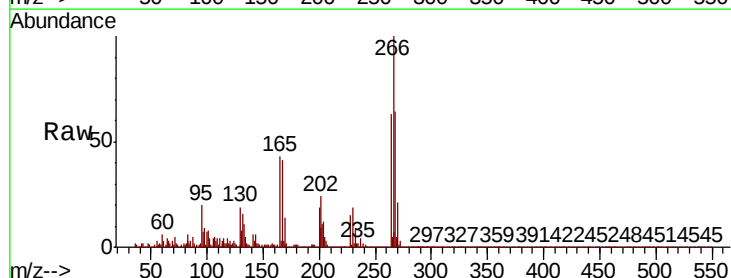
Tgt Ion:266 Resp: 1023642

Ion Ratio Lower Upper

266 100

268 64.5 50.9 76.3

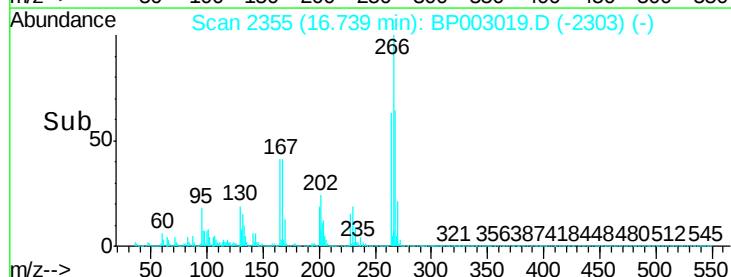
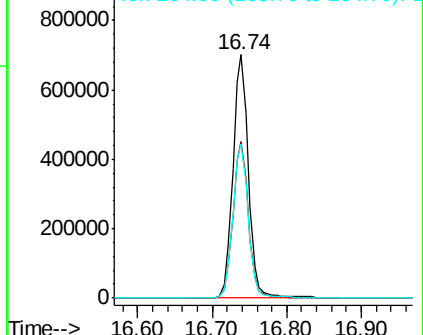
264 63.3 50.4 75.6

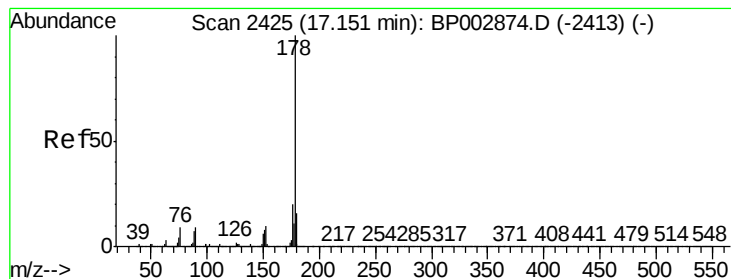


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.441 ng

RT: 17.13 min Scan# 2421

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

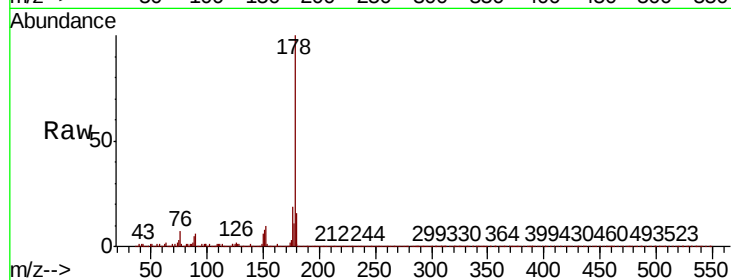
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:178 Resp: 3656177

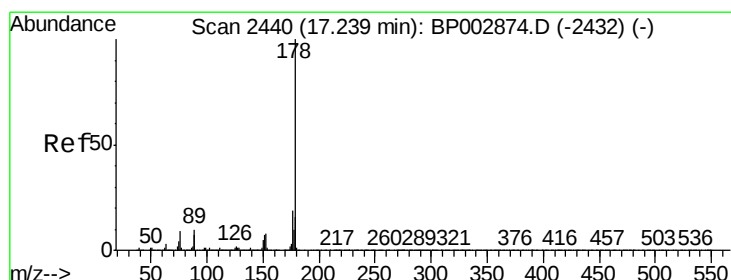
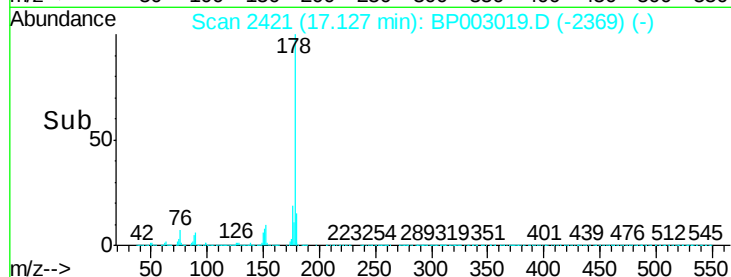
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.071 ng

RT: 17.22 min Scan# 2436

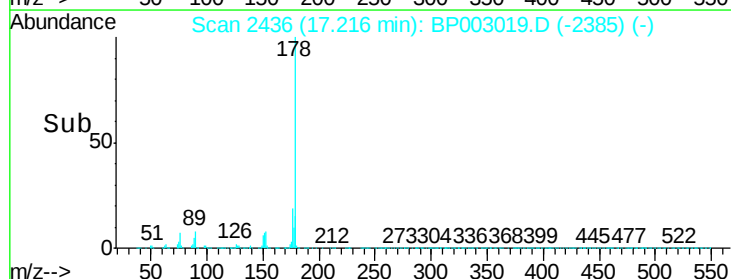
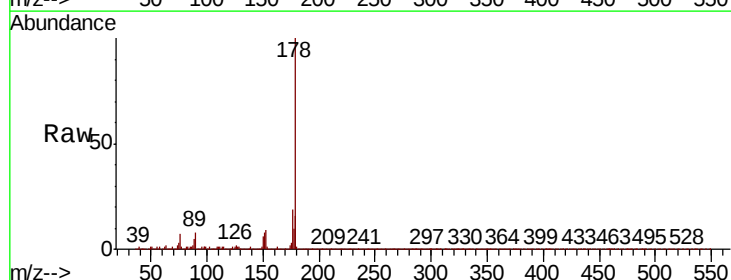
Delta R.T. -0.00 min

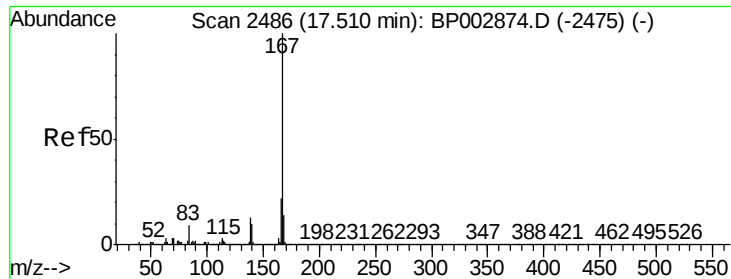
Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:178 Resp: 3541589

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	12.7	19.1

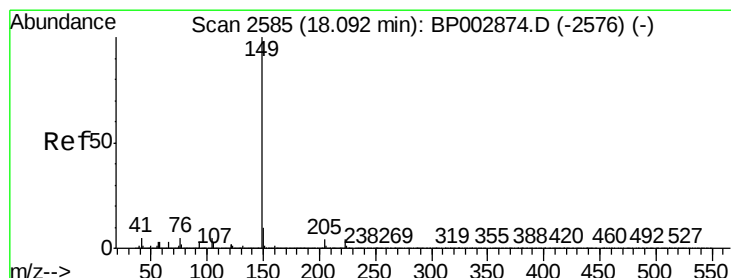
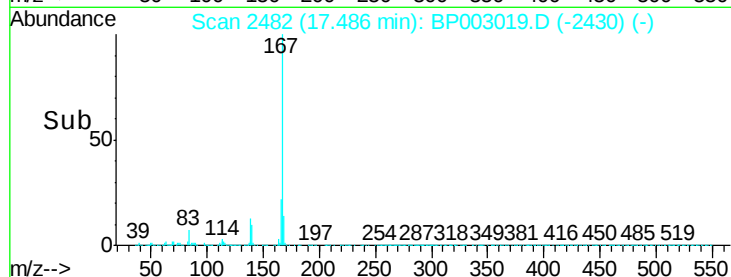
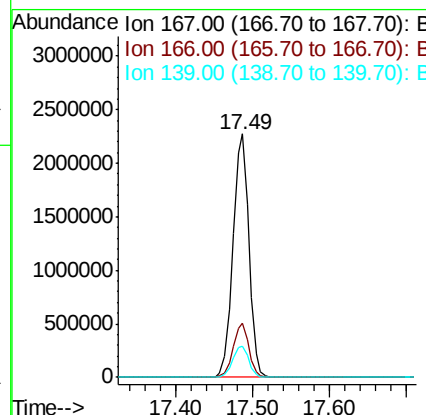
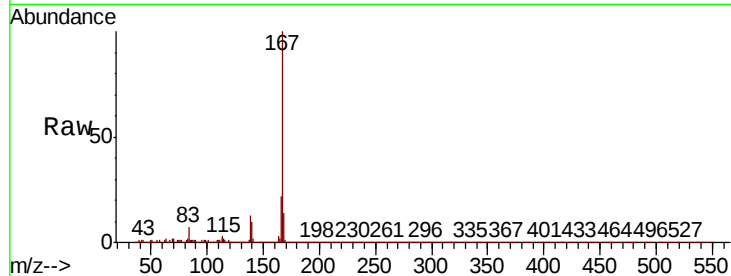




#73
 Carbazole
 Concen: 38.854 ng
 RT: 17.49 min Scan# 2482
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

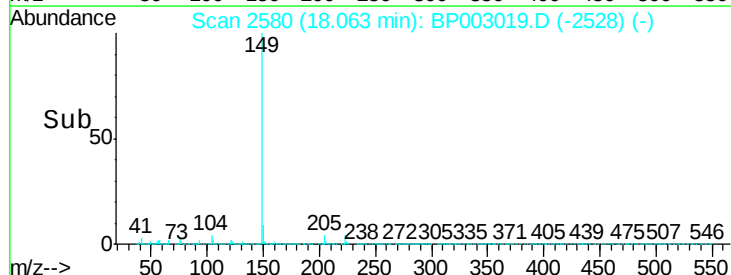
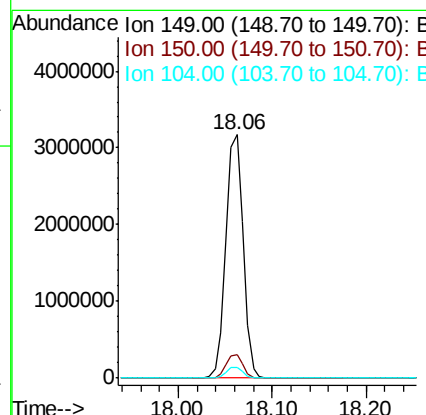
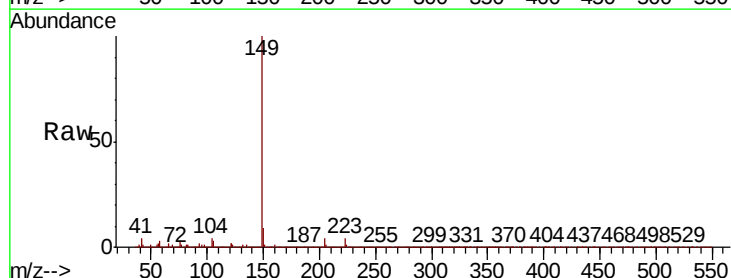
Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

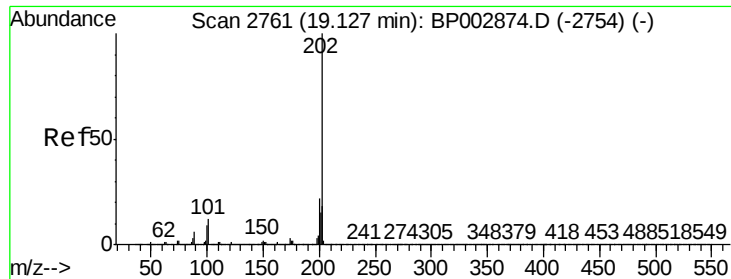
Tot Ion:167 Resp: 3271905
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.015 ng
 RT: 18.06 min Scan# 2580
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion:149 Resp: 4076214
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 44.537 ng

RT: 19.10 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

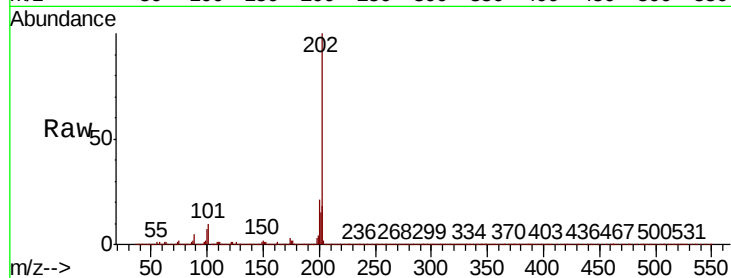
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:202 Resp: 4527260

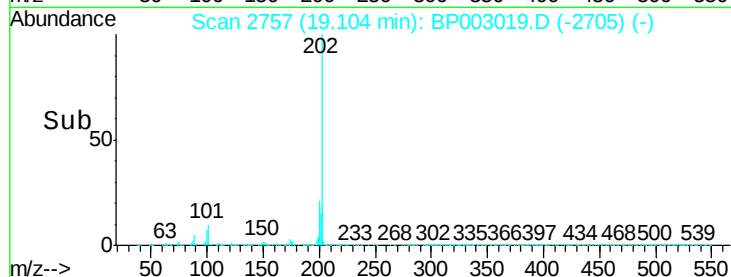
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.2
203	18.0	0.0	38.4



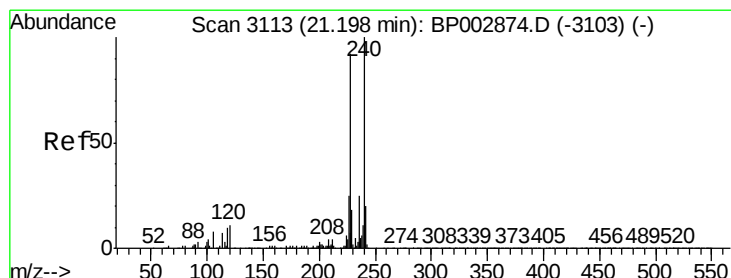
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3109

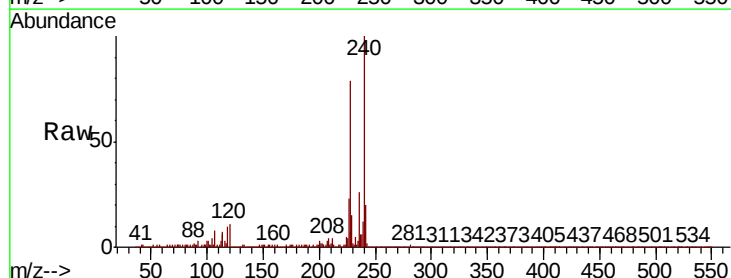
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:240 Resp: 1514236

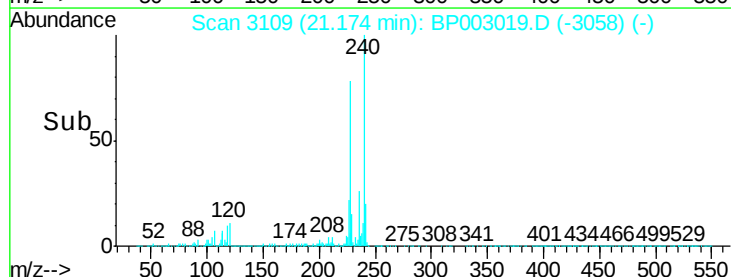
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.7	20.8	31.2



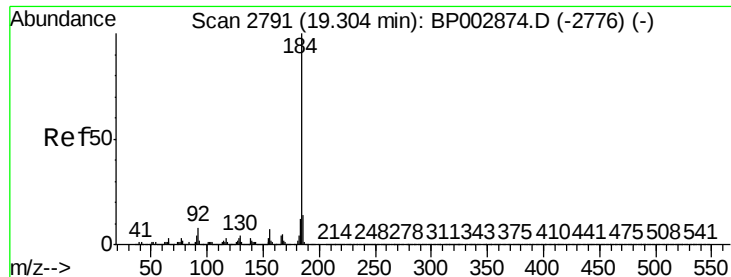
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 69.025 ng

RT: 19.28 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

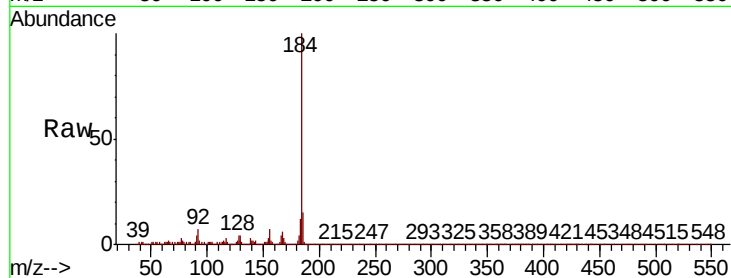
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:184 Resp: 3187206

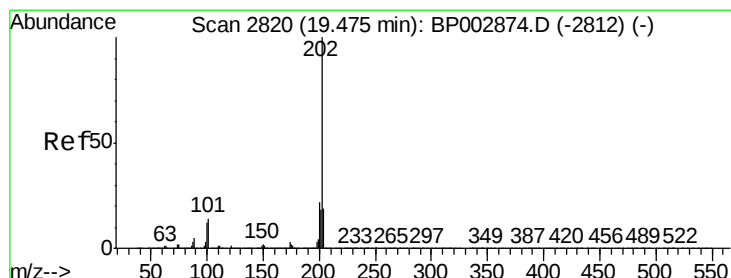
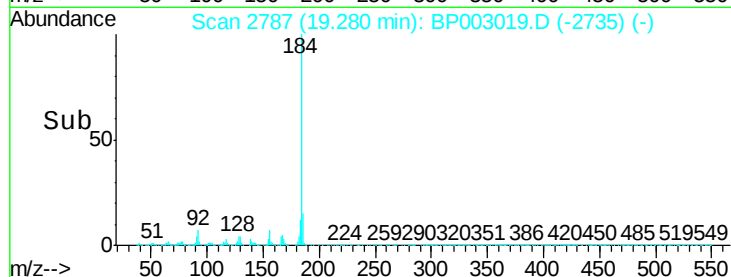
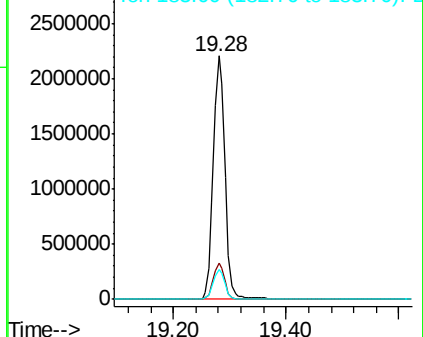
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.5	17.3
183	12.2	9.4	14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.157 ng

RT: 19.45 min Scan# 2816

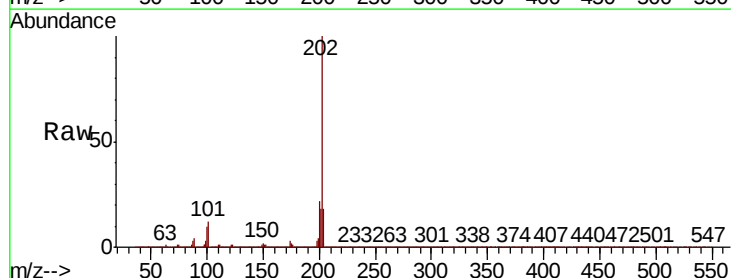
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:202 Resp: 4568414

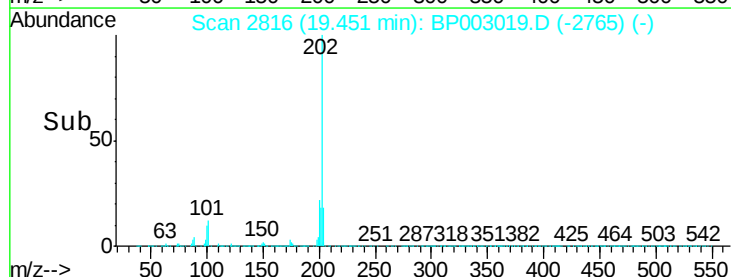
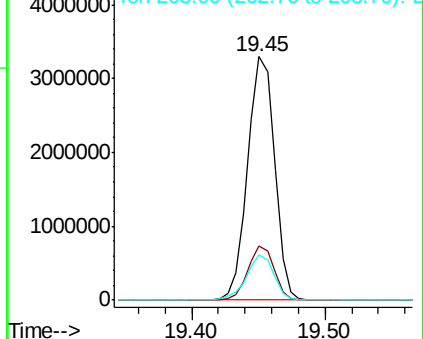
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	18.3	14.6	22.0

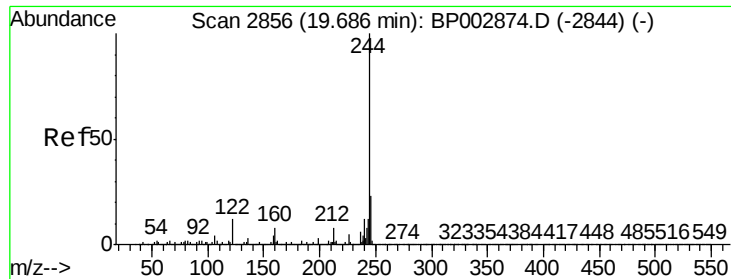


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.573 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

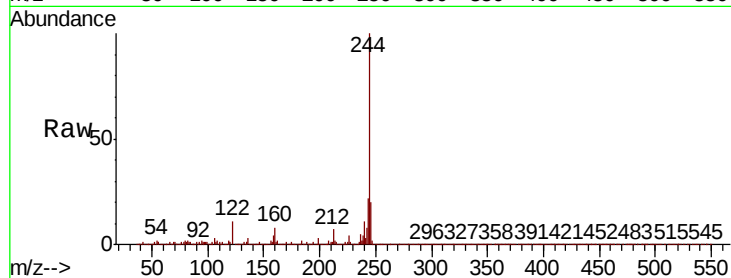
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:244 Resp: 3598301

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.6	8.7	13.1

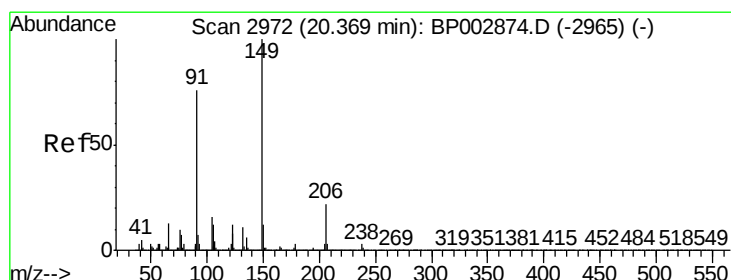
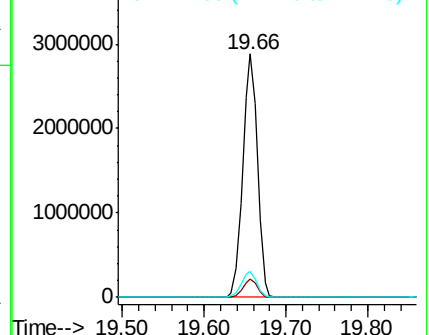
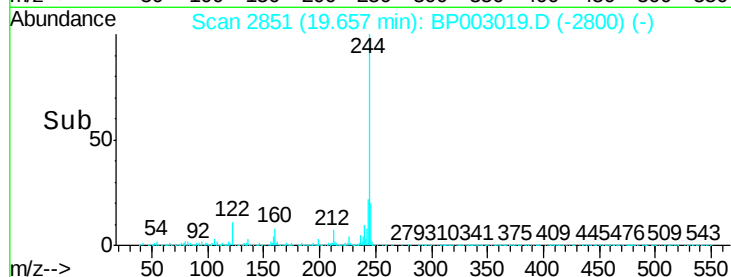


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.034 ng

RT: 20.34 min Scan# 2967

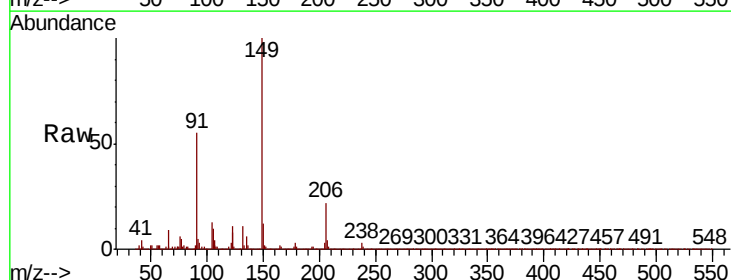
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:149 Resp: 2019652

Ion	Ratio	Lower	Upper
149	100		
91	55.3	45.3	67.9
206	21.6	17.5	26.3

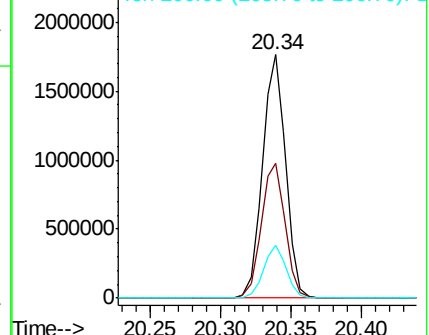
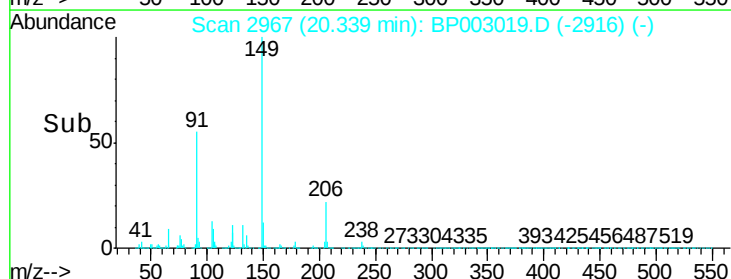


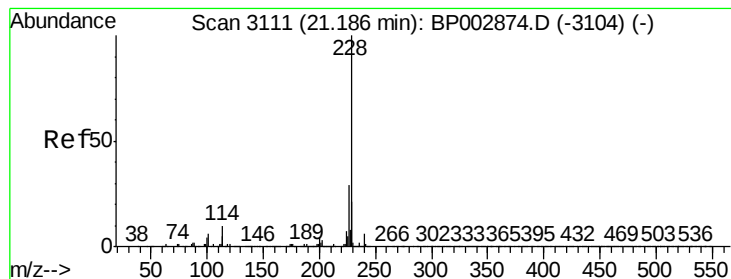
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.960 ng

RT: 21.16 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

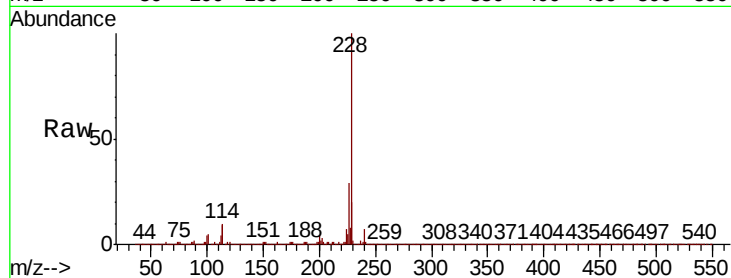
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:228 Resp: 4327852

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	16.5	24.7

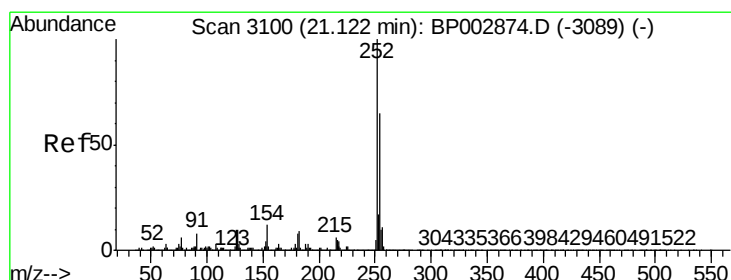
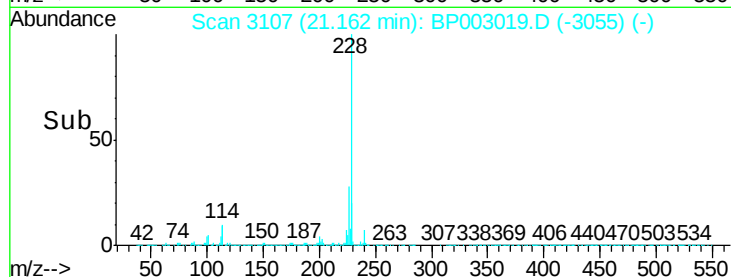
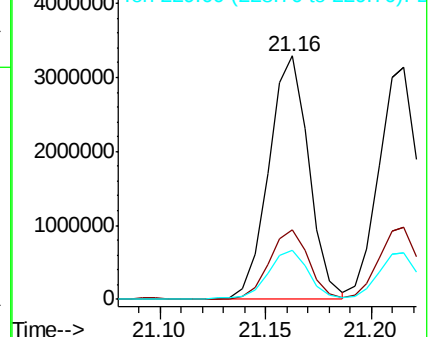


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.629 ng

RT: 21.10 min Scan# 3096

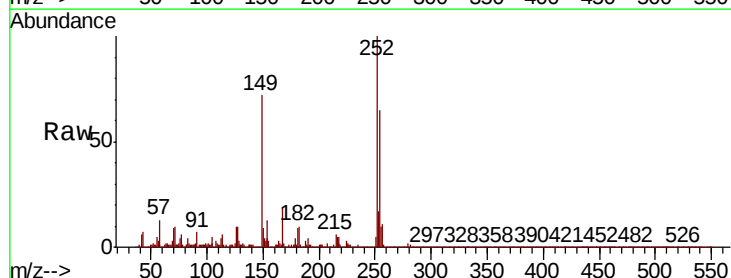
Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:252 Resp: 1617829

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	10.2	9.4	14.0

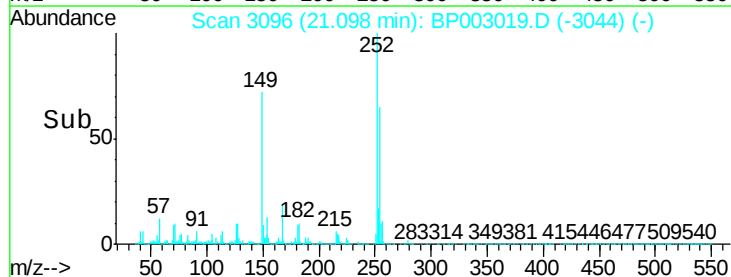
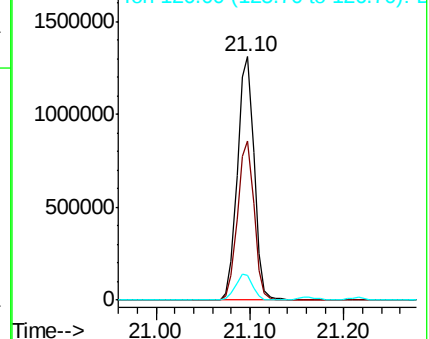


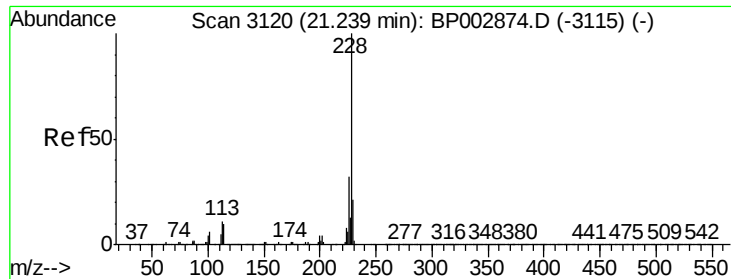
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

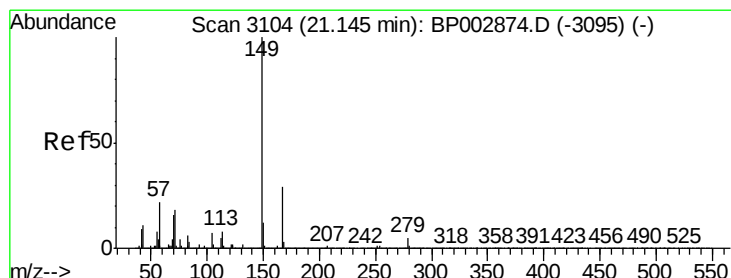
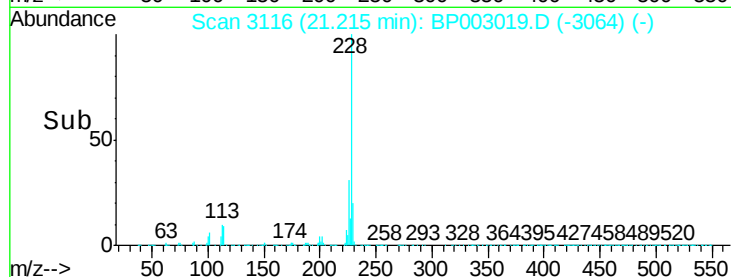
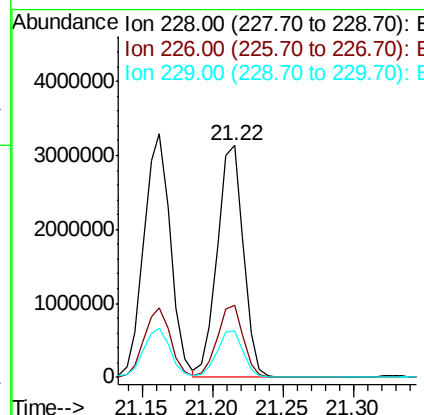
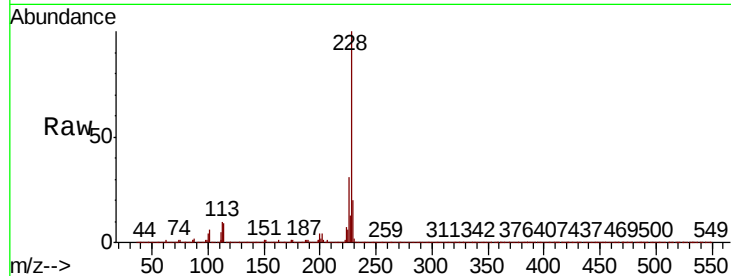




#83
 Chrysene
 Concen: 41.414 ng
 RT: 21.22 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

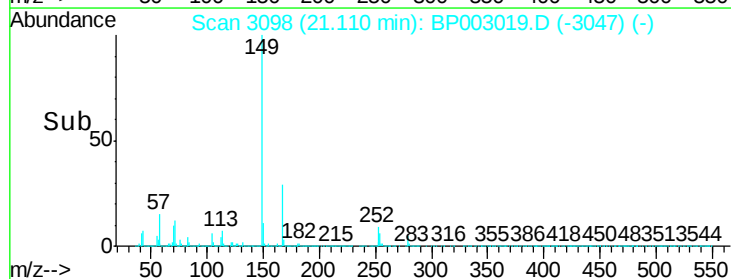
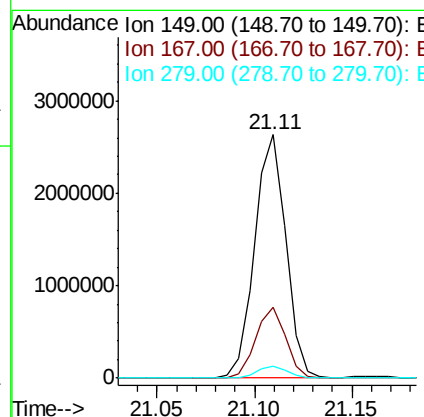
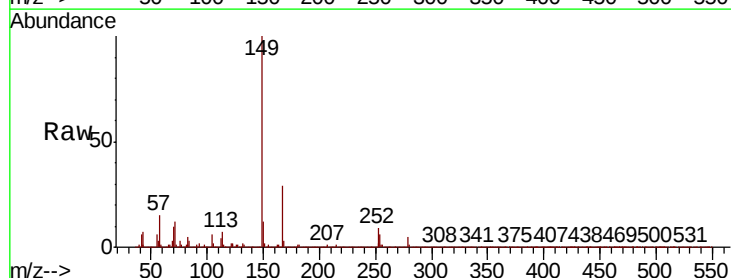
Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

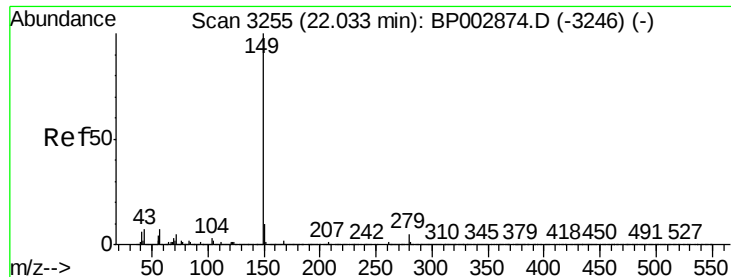
Tot Ion:228 Resp: 4029346
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.3 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.388 ng
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion:149 Resp: 2893381
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.9 34.3
 279 5.2 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 55.756 ng

RT: 21.99 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

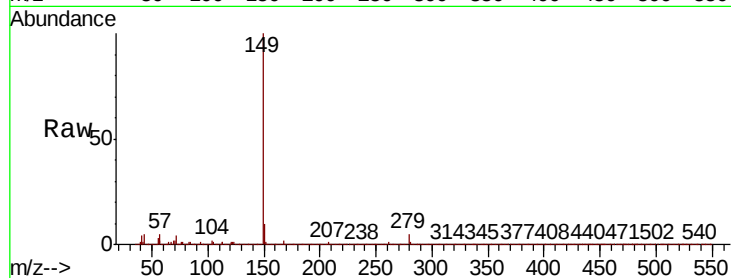
Tot Ion:149 Resp: 5366000

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

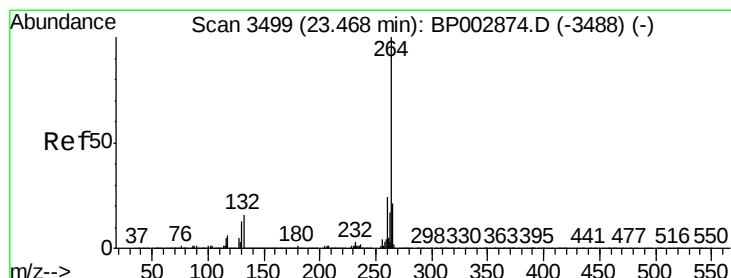
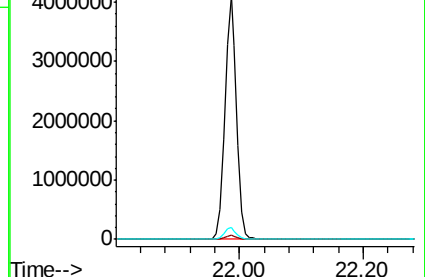
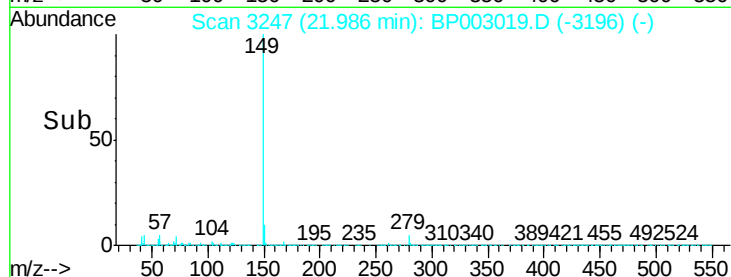
43 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

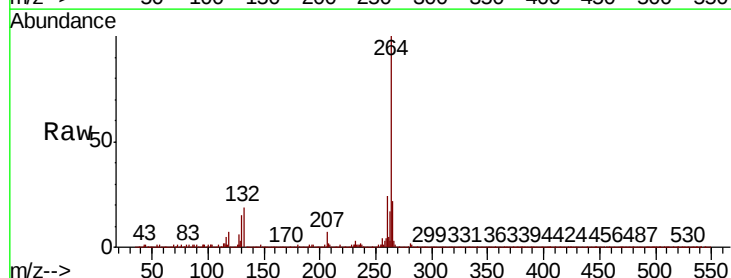
Tgt Ion:264 Resp: 1750785

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

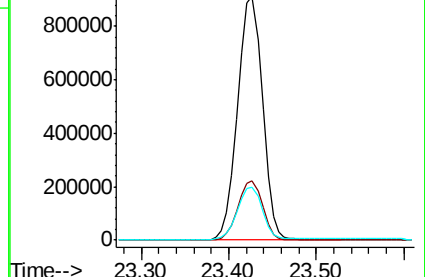
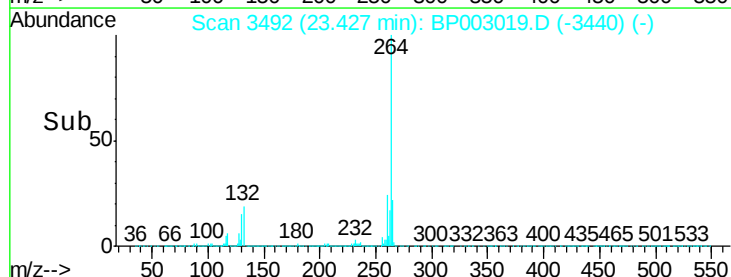
265 21.9 17.3 25.9

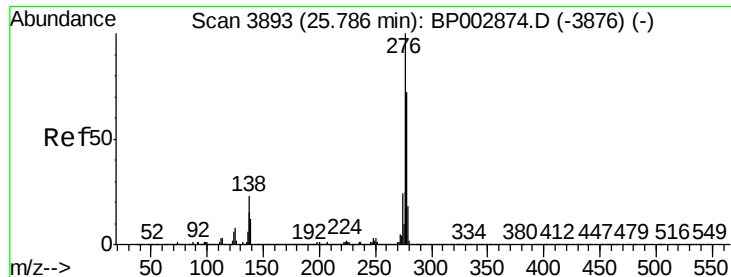


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.470 ng

RT: 25.73 min Scan# 3883

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

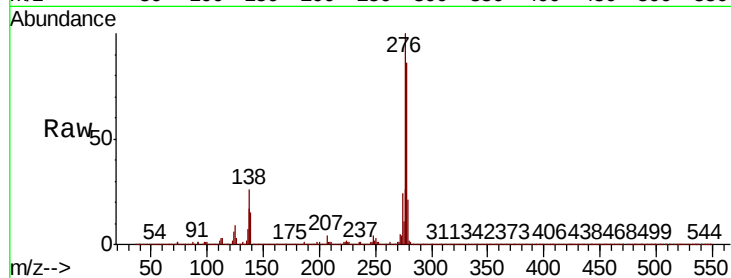
Tot Ion:276 Resp: 5253788

Ion Ratio Lower Upper

276 100

138 26.1 22.2 33.2

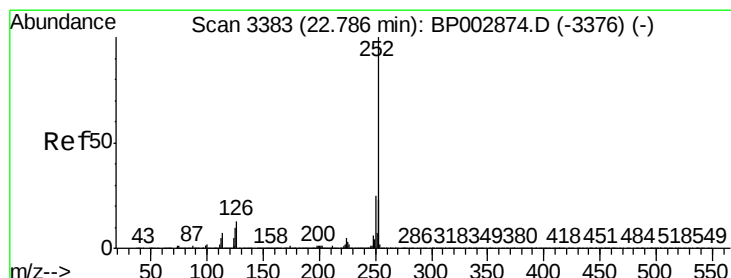
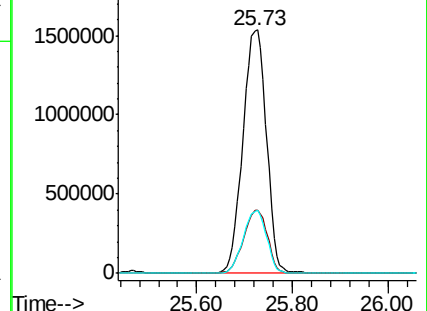
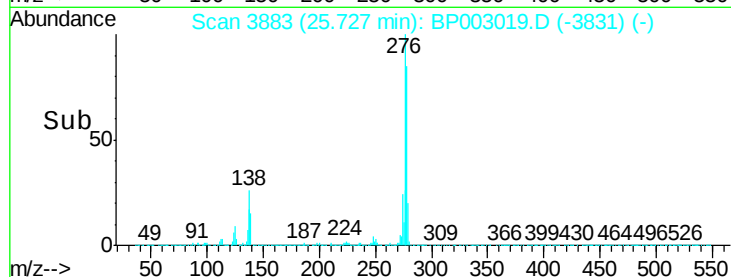
277 25.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 42.082 ng

RT: 22.75 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

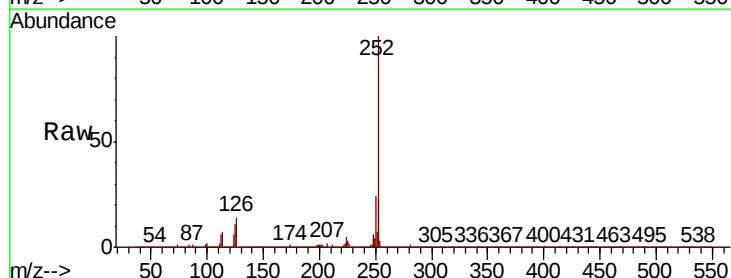
Tgt Ion:252 Resp: 5199232

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

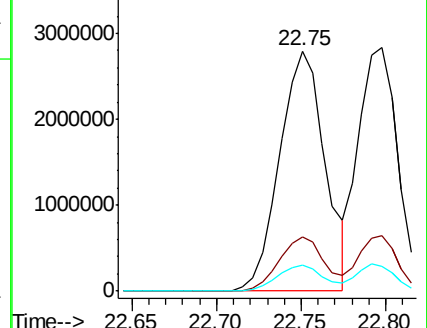
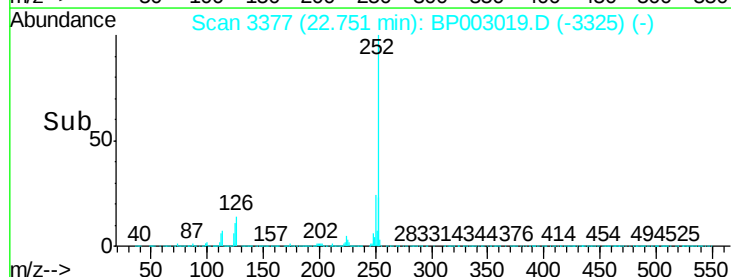
125 10.7 9.4 14.2

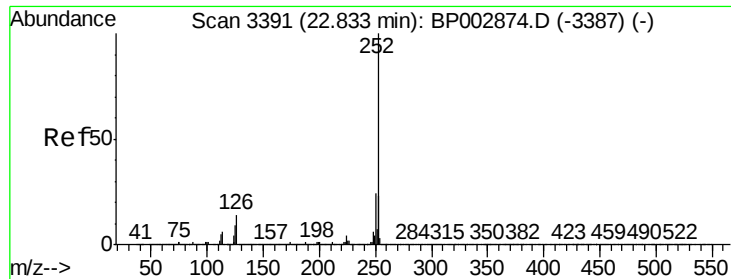


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.275 ng

RT: 22.80 min Scan# 3385

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

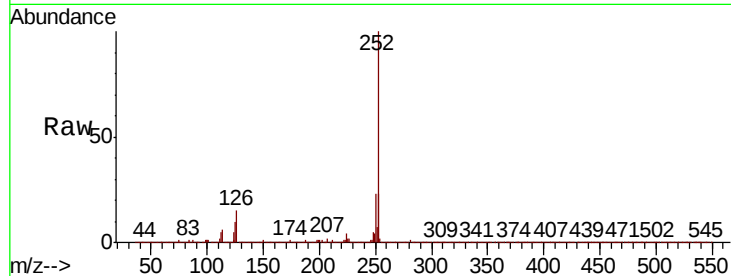
Tot Ion:252 Resp: 4586354

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

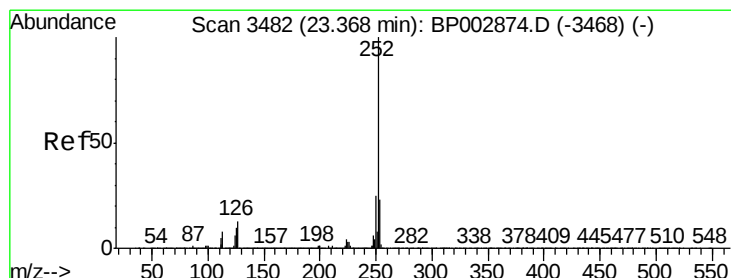
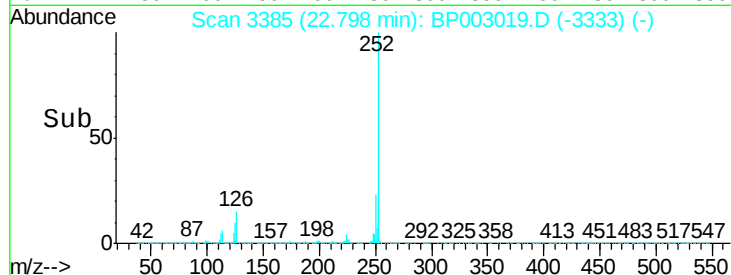
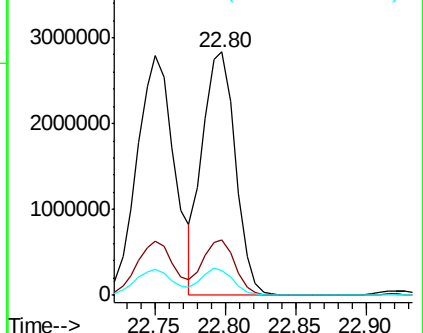
125 10.4 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.668 ng

RT: 23.33 min Scan# 3475

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

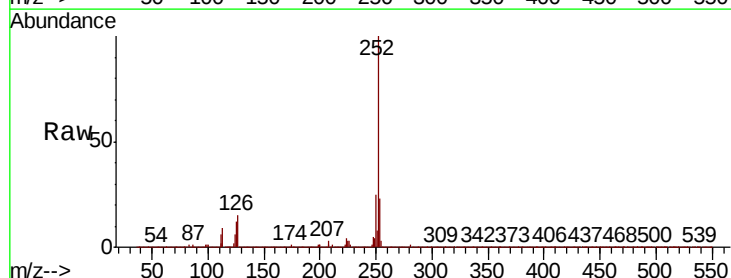
Tgt Ion:252 Resp: 4540000

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

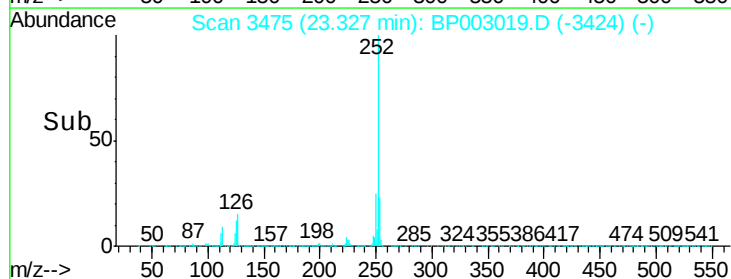
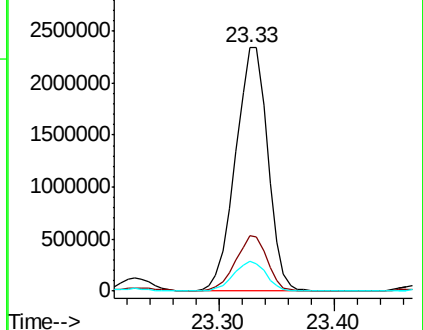
125 12.2 9.9 14.9

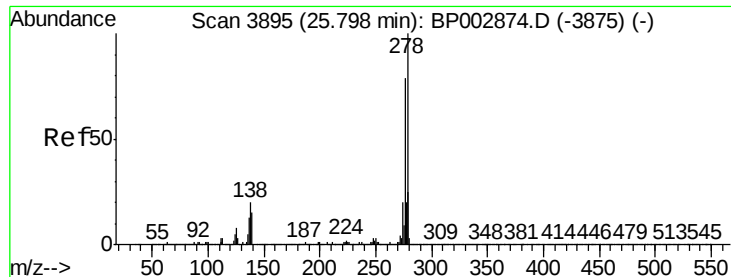


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.273 ng

RT: 25.74 min Scan# 3885

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

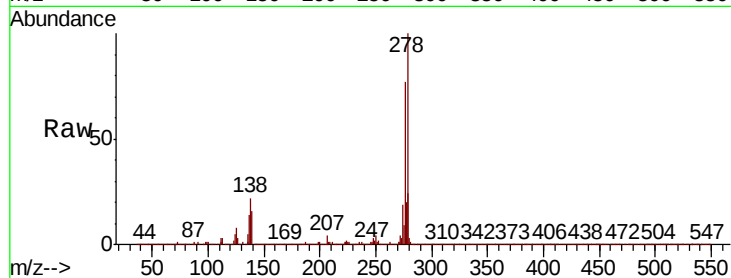
BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:278 Resp: 4209322

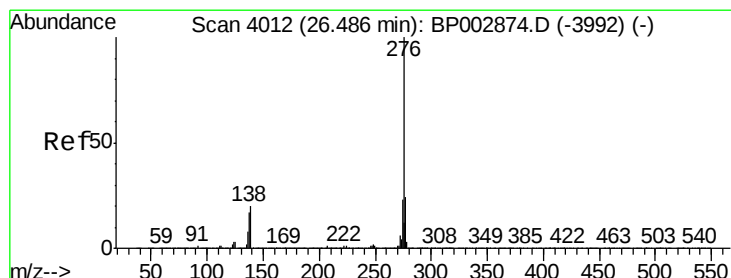
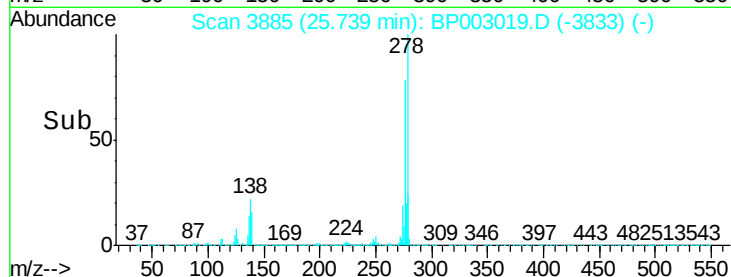
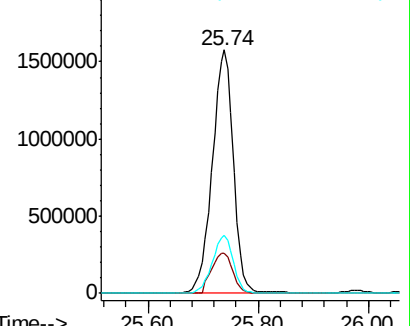
Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.4
279	24.0	19.3	28.9



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



#92

Benzo(g,h,i)perylene

Concen: 39.522 ng

RT: 26.43 min Scan# 4002

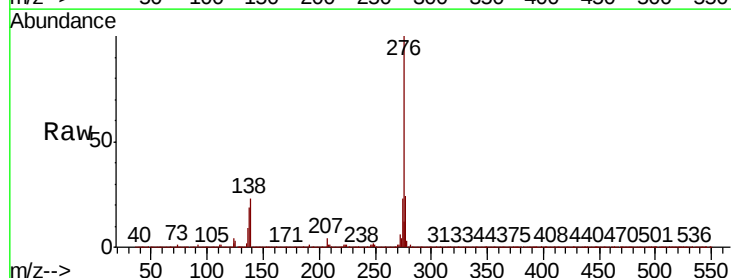
Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:276 Resp: 4560821

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	22.9	19.3	28.9



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

