

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120485.D
 Acq On : 2 Jun 2020 10:39
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 11:44:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	228398	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	896214	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	475378	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	943959	20.00	ng	0.00
76) Chrysene-d12	14.02	240	740389	20.00	ng	0.00
86) Perylene-d12	15.47	264	755977	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	942331	78.63	ng	0.00
7) Phenol-d6	6.48	99	1190395	80.58	ng	0.00
23) Nitrobenzene-d5	7.41	82	1124202	82.05	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	392873	89.20	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2029095	72.42	ng	0.00
79) Terphenyl-d14	12.96	244	2381529	71.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	222127	37.416	ng	100
3) Pyridine	3.35	79	620115	37.715	ng	100
4) n-Nitrosodimethylamine	3.30	42	266560	38.309	ng	100
6) Aniline	6.51	93	810450	39.348	ng	100
8) 2-Chlorophenol	6.63	128	558908	41.359	ng	100
9) Benzaldehyde	6.40	77	345770	38.406	ng	100
10) Phenol	6.50	94	676265	41.864	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	558199	41.351	ng	100
12) 1,3-Dichlorobenzene	6.79	146	609055	41.024	ng	100
13) 1,4-Dichlorobenzene	6.86	146	613859	41.442	ng	100
14) 1,2-Dichlorobenzene	7.02	146	568163	41.528	ng	100
15) Benzyl Alcohol	6.99	79	473930	42.561	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	843930	39.657	ng	100
17) 2-Methylphenol	7.10	107	497694	41.186	ng	100
18) Hexachloroethane	7.36	117	226173	41.713	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	367102	39.095	ng	100
20) 3+4-Methylphenols	7.26	107	543436	35.598	ng	100
22) Acetophenone	7.26	105	697869	38.341	ng	100
24) Nitrobenzene	7.43	77	595305	40.336	ng	100
25) Isophorone	7.67	82	1088279	39.521	ng	100
26) 2-Nitrophenol	7.75	139	303735	45.645	ng	100
27) 2,4-Dimethylphenol	7.79	122	461752	39.958	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	666003	40.162	ng	100
29) 2,4-Dichlorophenol	7.99	162	478525	40.997	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	529009	40.387	ng	100
31) Naphthalene	8.15	128	1587030	40.321	ng	100
32) Benzoic acid	7.92	122	287873	33.570	ng	100
33) 4-Chloroaniline	8.20	127	711189	40.770	ng	100
34) Hexachlorobutadiene	8.27	225	317864	40.940	ng	100
35) Caprolactam	8.58	113	159679	42.242	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	483036	40.790	ng	100
37) 2-Methylnaphthalene	8.85	142	1066593	40.911	ng	100
38) 1-Methylnaphthalene	8.94	142	1003285	40.770	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	505693	41.481	ng	100

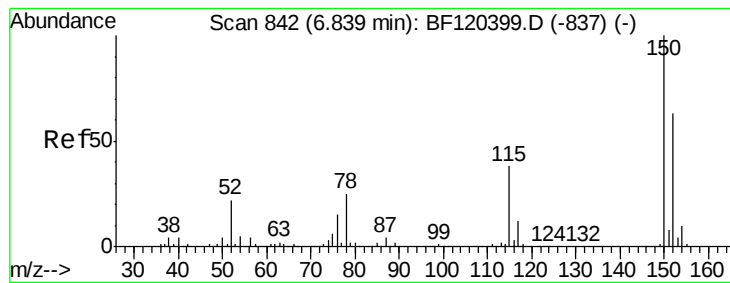
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120485.D
 Acq On : 2 Jun 2020 10:39
 Operator : JU/CG
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 11:44:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	311419	45.771	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	363396	41.217	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	411869	41.211	ng	100
46) 1,1'-Biphenyl	9.31	154	1268187	40.610	ng	100
47) 2-Chloronaphthalene	9.33	162	1029880	40.050	ng	100
48) 2-Nitroaniline	9.43	65	331644	42.343	ng	100
49) Acenaphthylene	9.75	152	1607391	40.450	ng	100
50) Dimethylphthalate	9.61	163	1259733	42.388	ng	100
51) 2,6-Dinitrotoluene	9.67	165	281769	42.662	ng	100
52) Acenaphthene	9.92	154	964367	38.885	ng	100
53) 3-Nitroaniline	9.84	138	332262	42.841	ng	100
54) 2,4-Dinitrophenol	9.95	184	137633	54.433	ng	100
55) Dibenzofuran	10.09	168	1455003	40.371	ng	100
56) 4-Nitrophenol	10.00	139	247742	41.724	ng	100
57) 2,4-Dinitrotoluene	10.07	165	376586	44.552	ng	100
58) Fluorene	10.43	166	1082968	40.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	315437	40.503	ng	100
60) Diethylphthalate	10.30	149	1241508	41.339	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	563942	38.460	ng	100
62) 4-Nitroaniline	10.46	138	329613	45.018	ng	100
63) Azobenzene	10.59	77	1128128	39.935	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	191741	55.689	ng	100
66) n-Nitrosodiphenylamine	10.55	169	1036767	39.539	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	390634	40.996	ng	100
68) Hexachlorobenzene	10.99	284	412279	40.629	ng	100
69) Atrazine	11.07	200	317819	43.002	ng	100
70) Pentachlorophenol	11.18	266	213285	34.378	ng	100
71) Phenanthrene	11.40	178	1650347	39.678	ng	100
72) Anthracene	11.45	178	1695677	40.632	ng	100
73) Carbazole	11.60	167	1640638	40.645	ng	100
74) Di-n-butylphthalate	11.93	149	1972119	42.000	ng	100
75) Fluoranthene	12.59	202	1859644	41.551	ng	100
77) Benzidine	12.70	184	833912	42.867	ng	100
78) Pyrene	12.82	202	1918772	37.265	ng	100
80) Butylbenzylphthalate	13.43	149	887500	41.287	ng	100
81) Benzo(a)anthracene	14.00	228	1627966	41.027	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	638626	44.330	ng	100
83) Chrysene	14.04	228	1628860	39.155	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1185992	47.001	ng	100
85) Di-n-octyl phthalate	14.60	149	2048503	46.918	ng	100
87) Indeno(1,2,3-cd)pyrene	16.94	276	1571705	38.012	ng	100
88) Benzo(b)fluoranthene	15.05	252	1752902	41.746	ng	100
89) Benzo(k)fluoranthene	15.09	252	1395644	35.604	ng	100
90) Benzo(a)pyrene	15.42	252	1455033	39.616	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	1296234	38.452	ng	100
92) Benzo(g,h,i)perylene	17.38	276	1264043	38.019	ng	100

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

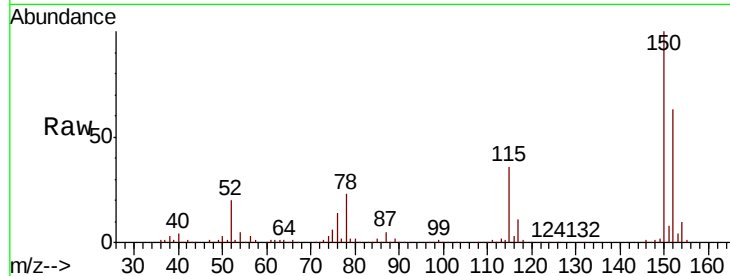


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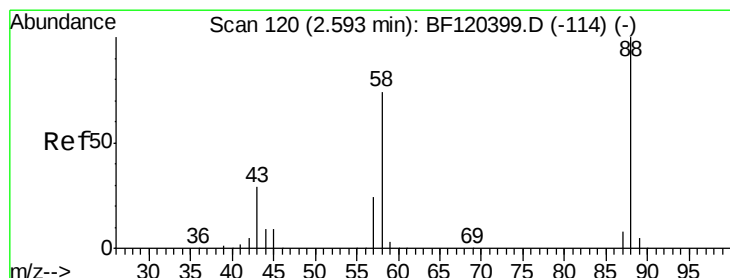
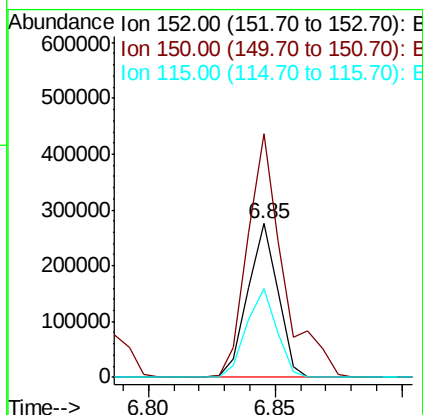
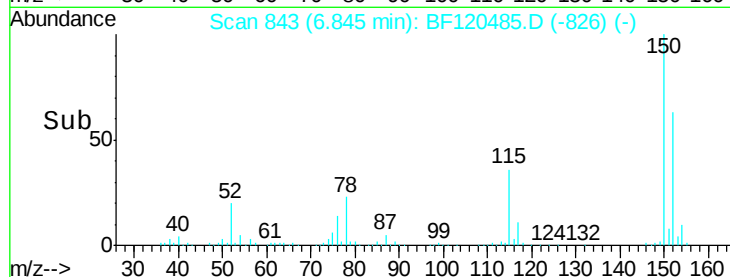
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.7	190.1
115	57.7	46.2	69.2



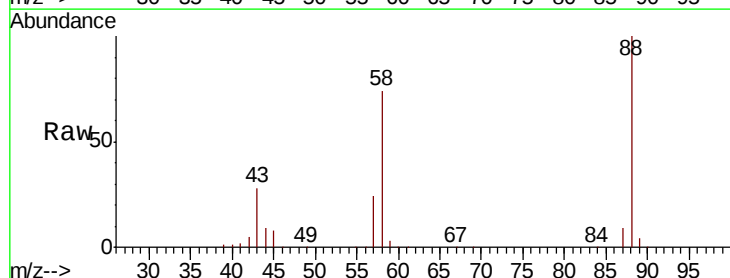
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



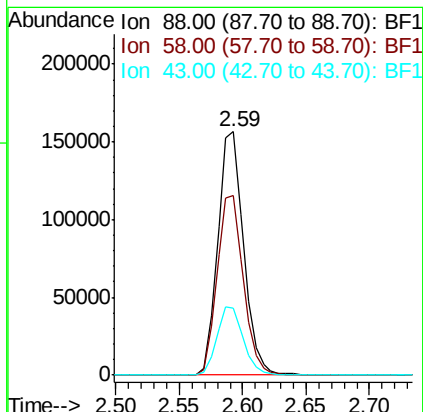
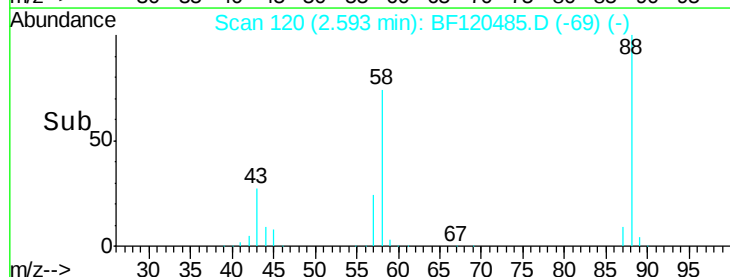
#2

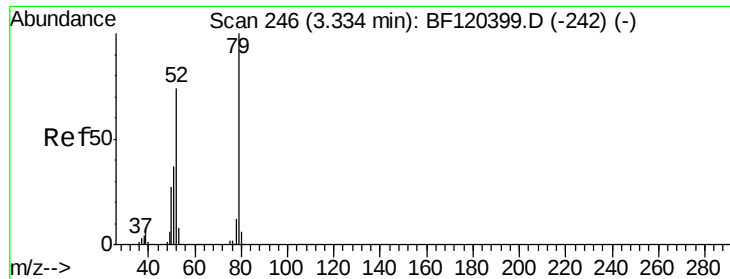
1,4-Dioxane
Concen: 37.416 ng
RT: 2.59 min Scan# 120
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	60.0	90.0
43	29.0	23.2	34.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.715 ng

RT: 3.35 min Scan# 248

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

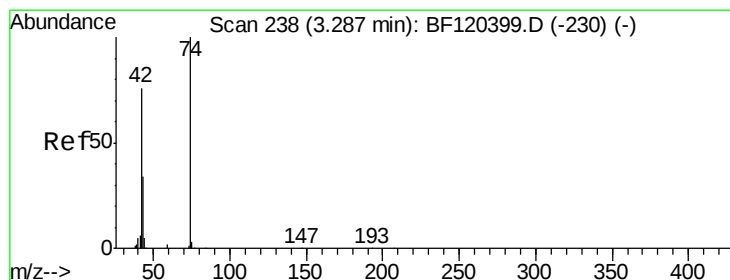
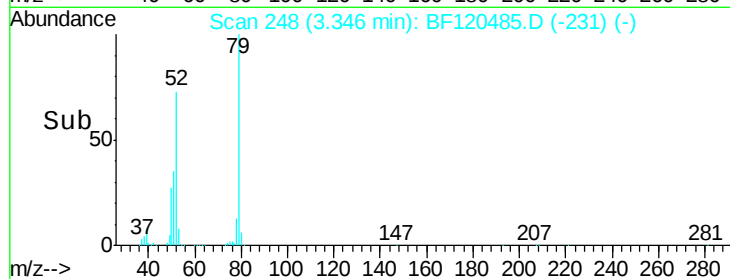
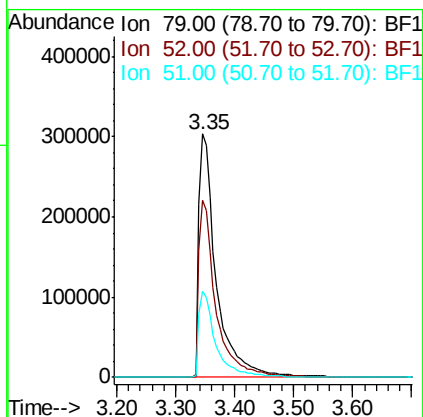
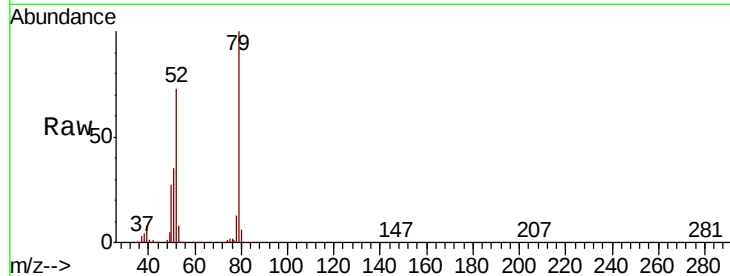
Tot Ion: 79 Resp: 620115

Ion Ratio Lower Upper

79 100

52 72.8 58.2 87.4

51 35.1 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 38.309 ng

RT: 3.30 min Scan# 240

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

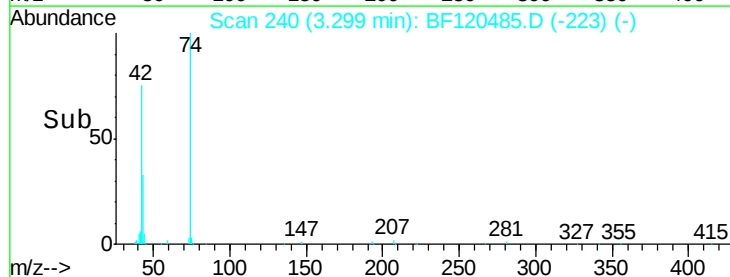
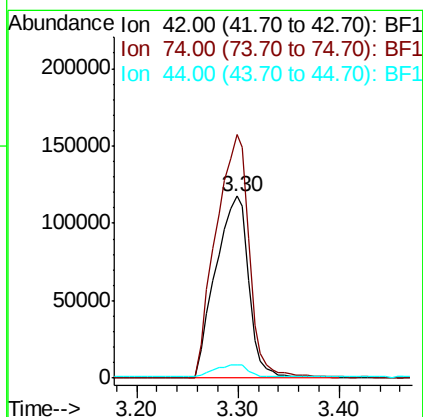
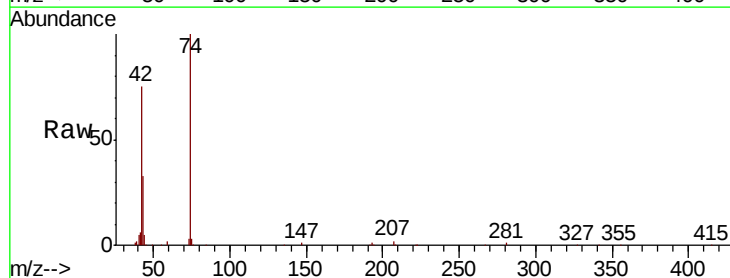
Tgt Ion: 42 Resp: 266560

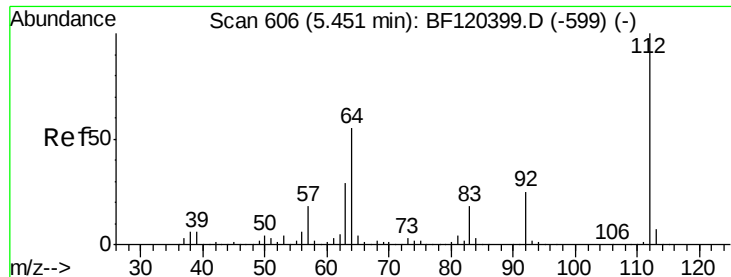
Ion Ratio Lower Upper

42 100

74 134.0 107.2 160.8

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 78.628 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

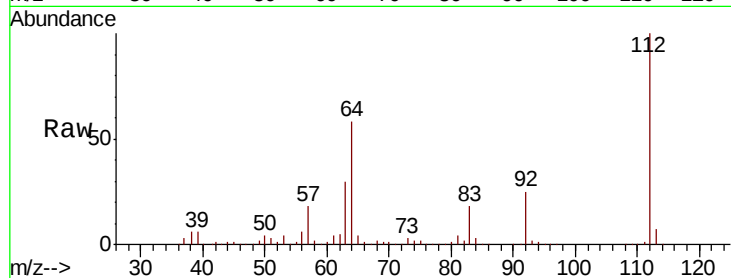
Tot Ion:112 Resp: 942331

Ion Ratio Lower Upper

112 100

64 57.9 46.3 69.5

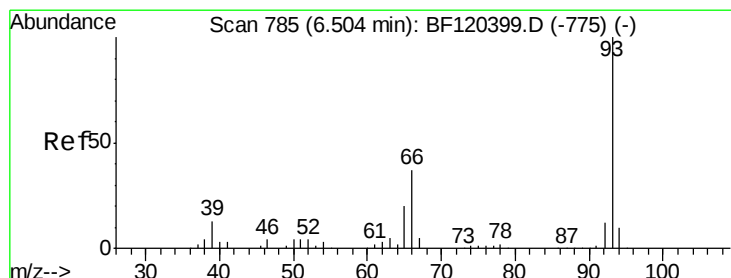
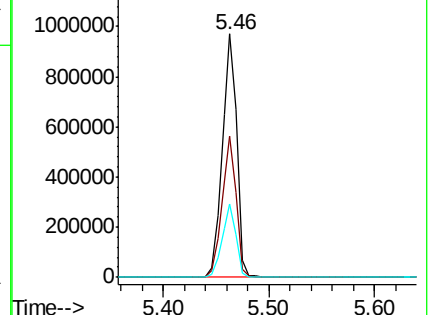
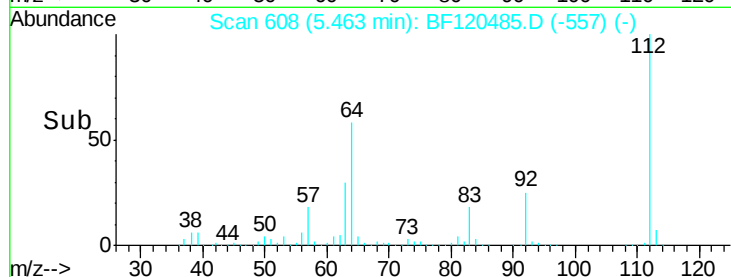
63 30.2 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.348 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

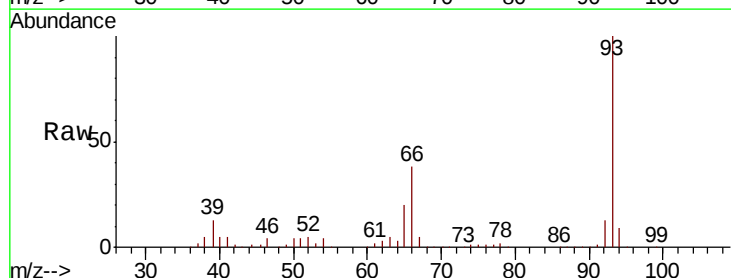
Tgt Ion: 93 Resp: 810450

Ion Ratio Lower Upper

93 100

66 38.3 30.6 46.0

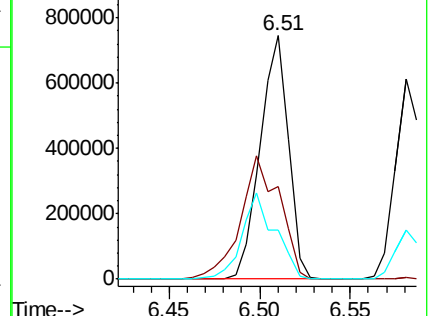
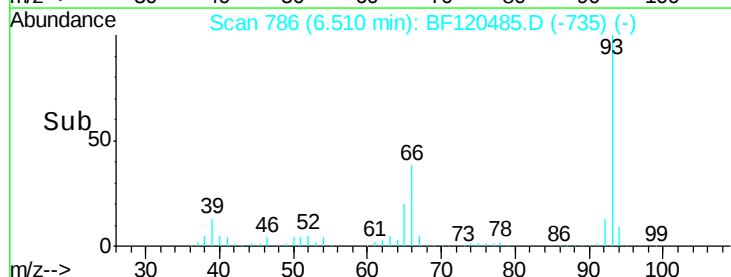
65 20.1 16.1 24.1

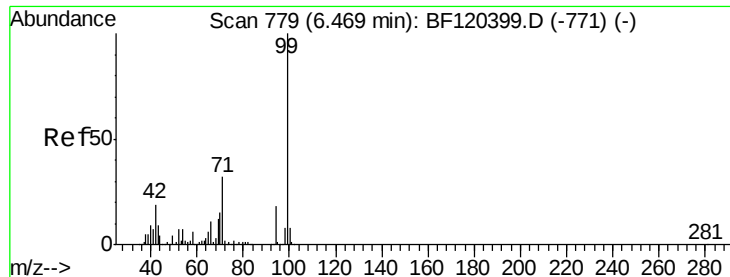


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.585 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

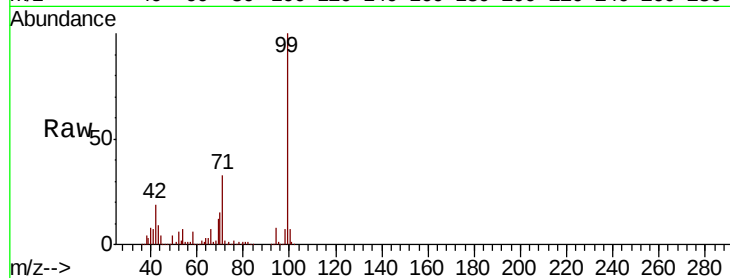
Tot Ion: 99 Resp: 1190395

Ion Ratio Lower Upper

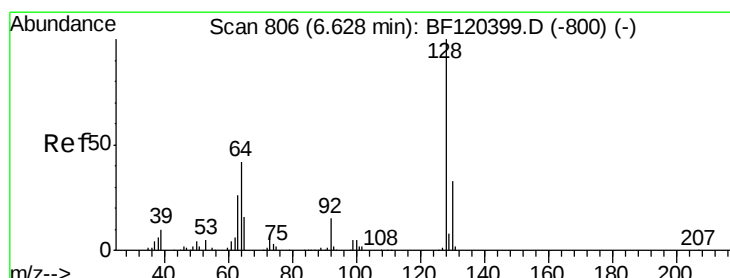
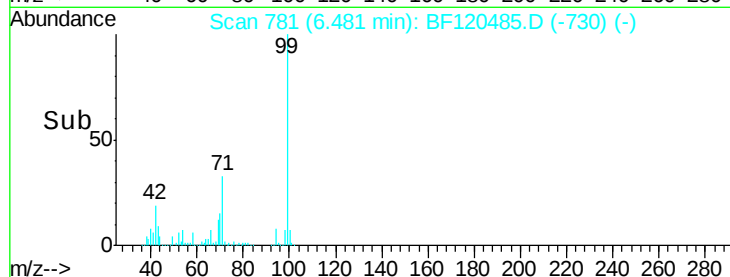
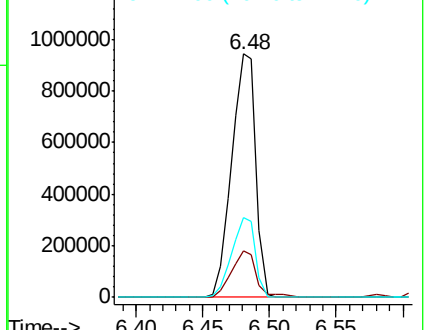
99 100

42 18.9 15.1 22.7

71 32.8 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.359 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

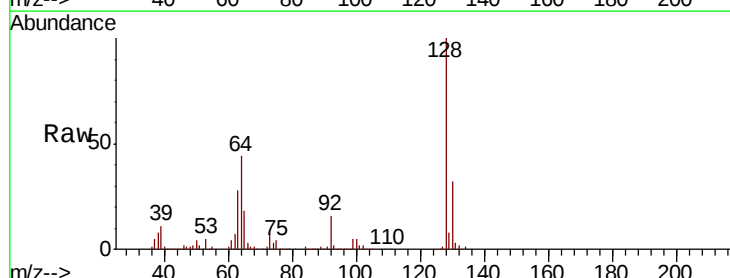
Tgt Ion: 128 Resp: 558908

Ion Ratio Lower Upper

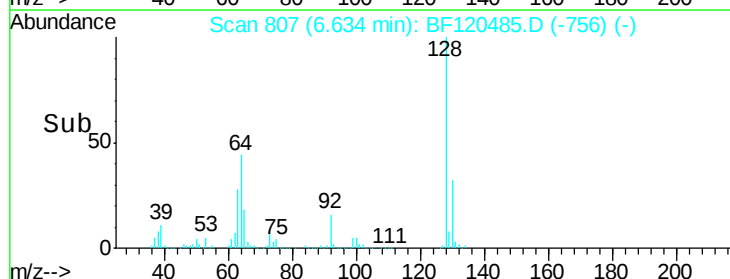
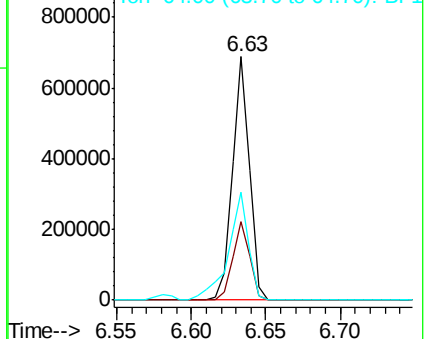
128 100

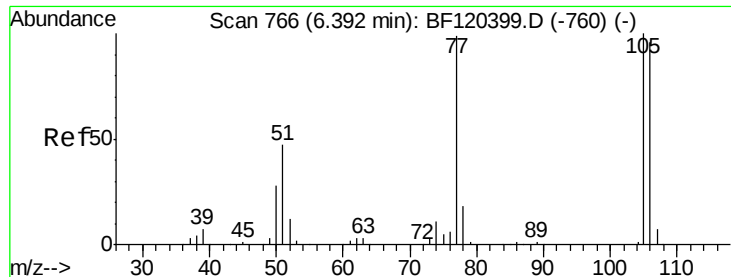
130 32.5 12.5 52.5

64 44.1 24.1 64.1



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): BF1





#9

Benzaldehyde

Concen: 38.406 ng

RT: 6.40 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

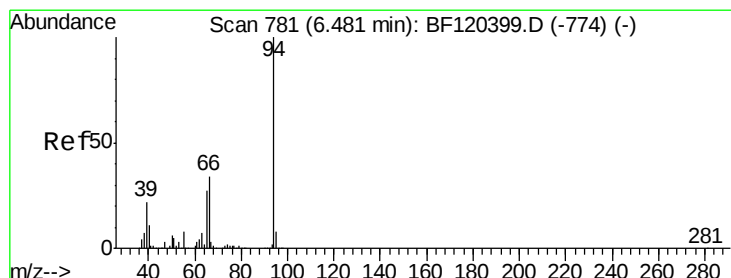
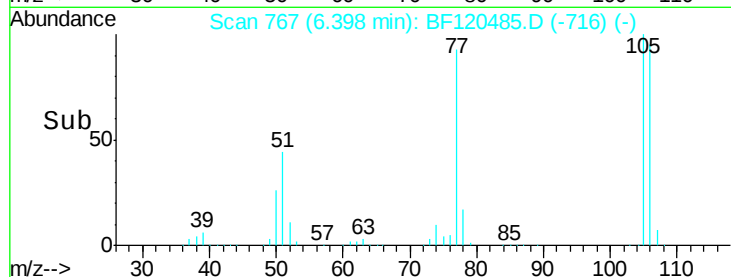
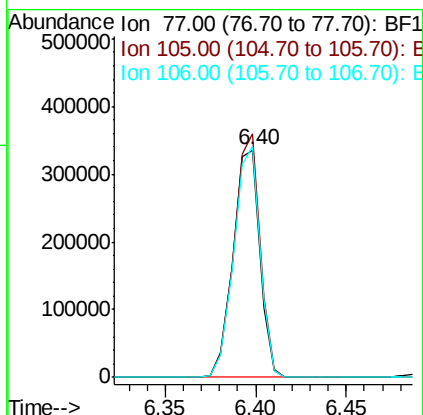
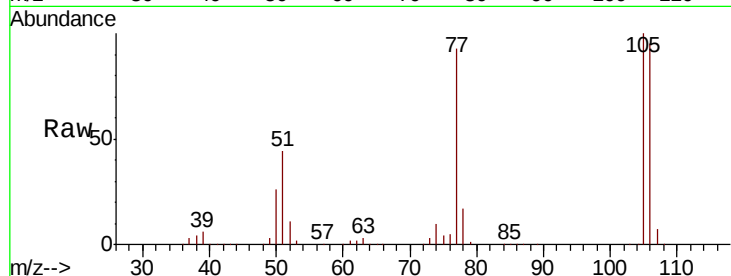
Tot Ion: 77 Resp: 345770

Ion Ratio Lower Upper

77 100

105 107.0 87.0 127.0

106 101.3 81.3 121.3



#10

Phenol

Concen: 41.864 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

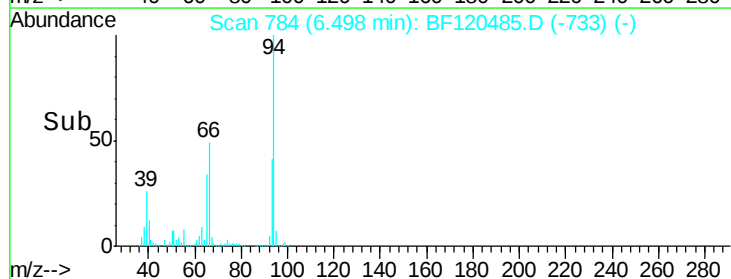
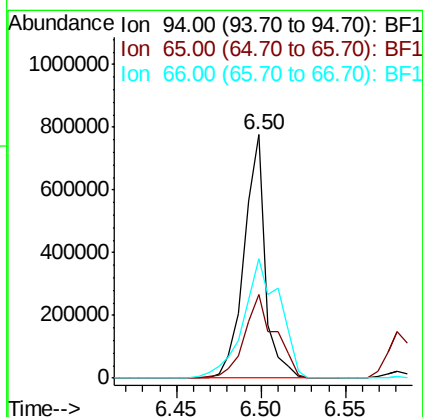
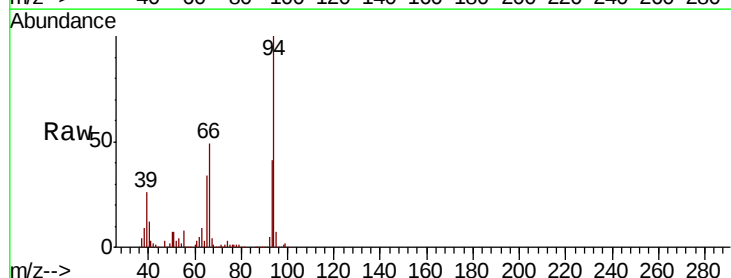
Tgt Ion: 94 Resp: 676265

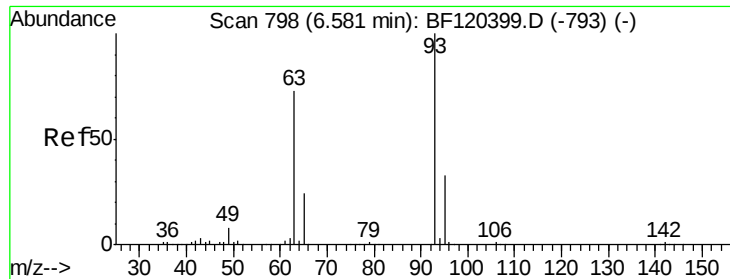
Ion Ratio Lower Upper

94 100

65 34.1 14.1 54.1

66 48.9 28.9 68.9

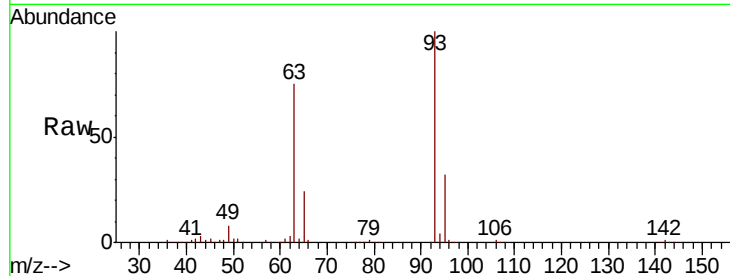




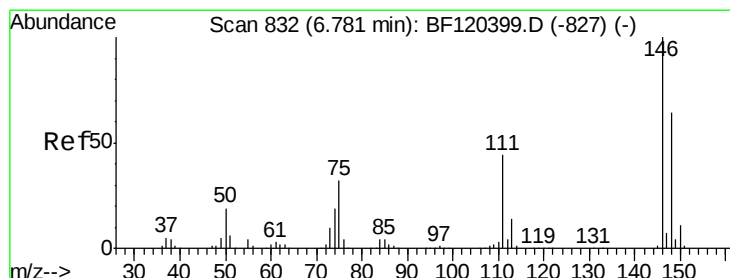
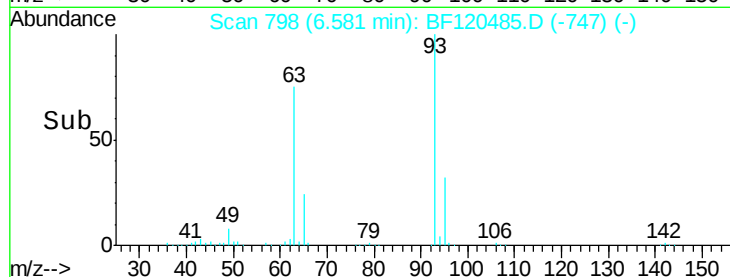
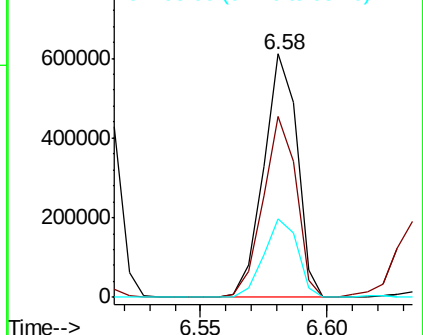
#11
bis(2-Chloroethyl)ether
Concen: 41.351 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 558199
Ion Ratio Lower Upper
93 100
63 74.5 54.5 94.5
95 32.2 12.2 52.2

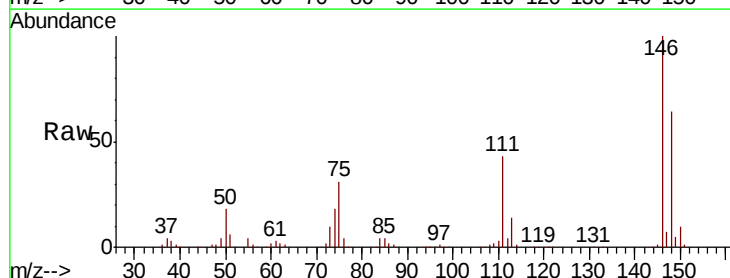


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

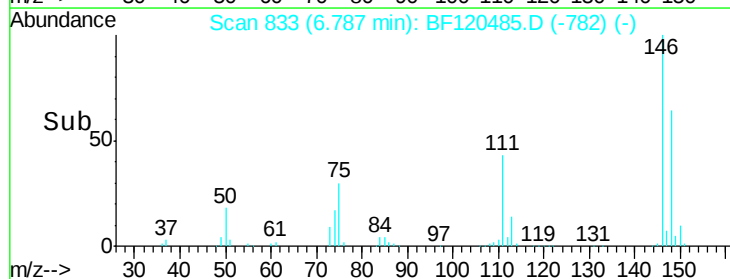
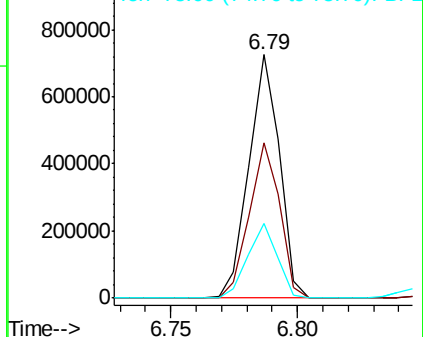


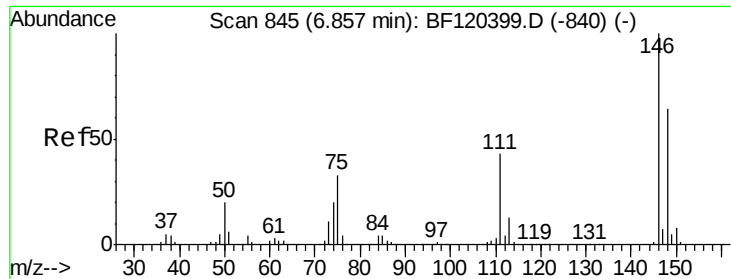
#12
1,3-Dichlorobenzene
Concen: 41.024 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion: 146 Resp: 609055
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.9 24.7 37.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

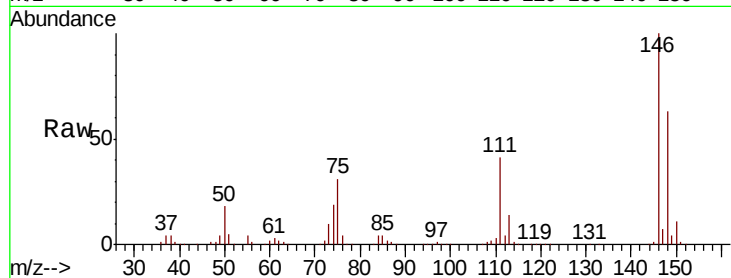




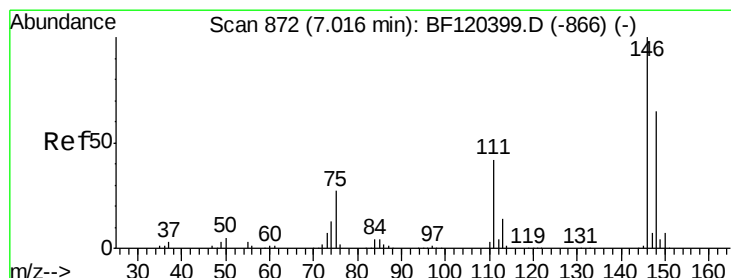
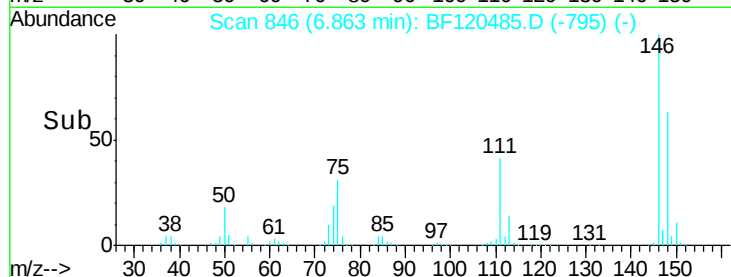
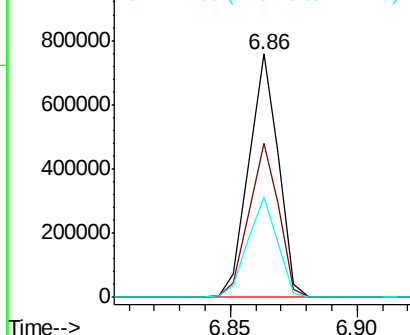
#13
 1,4-Dichlorobenzene
 Concen: 41.442 ng
 RT: 6.86 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 613859
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 41.4 33.1 49.7

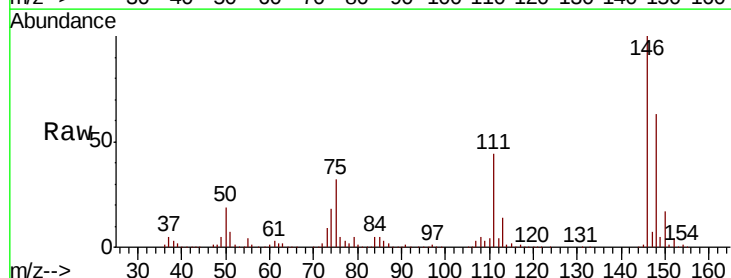


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

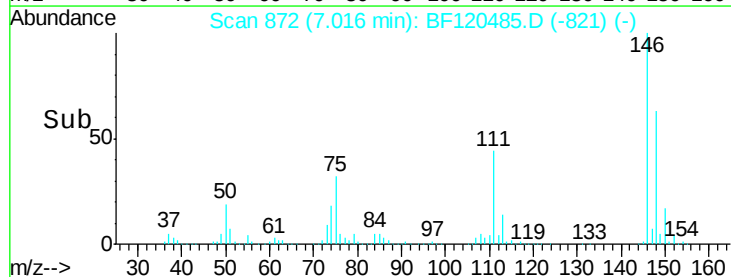
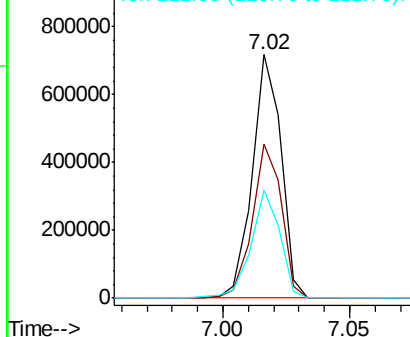


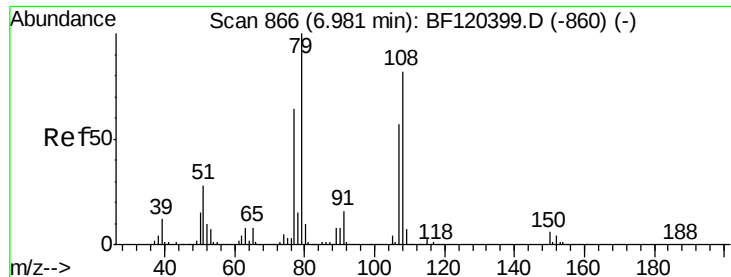
#14
 1,2-Dichlorobenzene
 Concen: 41.528 ng
 RT: 7.02 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:146 Resp: 568163
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 44.5 35.6 53.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.561 ng

RT: 6.99 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

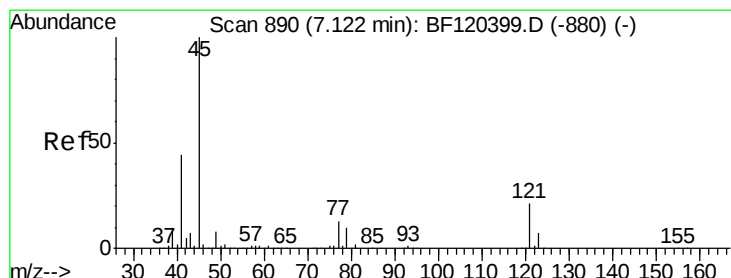
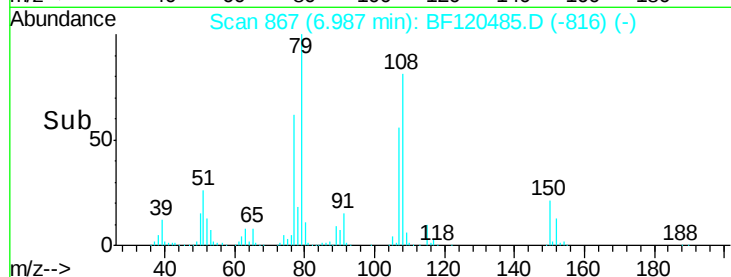
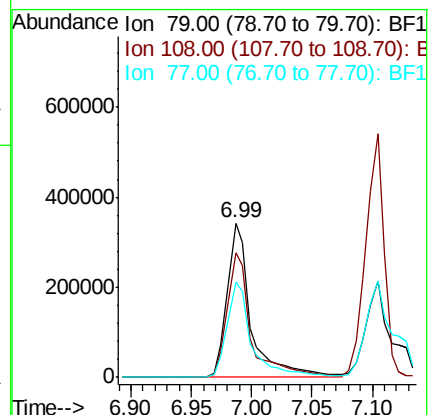
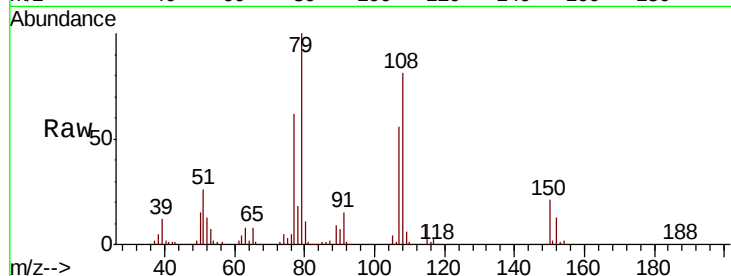
Tot Ion: 79 Resp: 473930

Ion Ratio Lower Upper

79 100

108 80.6 64.5 96.7

77 61.9 49.5 74.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.657 ng

RT: 7.12 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

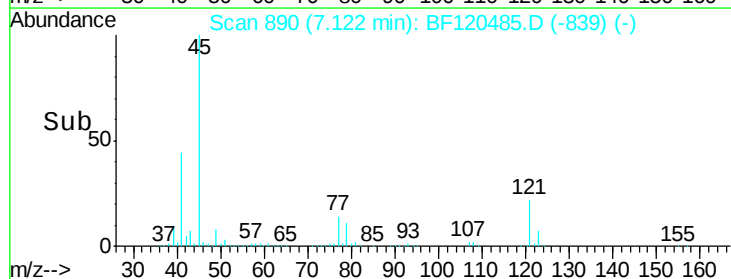
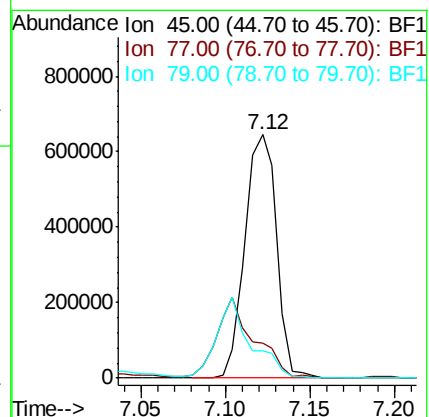
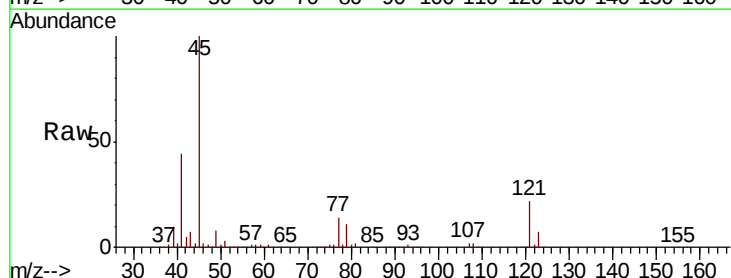
Tgt Ion: 45 Resp: 843930

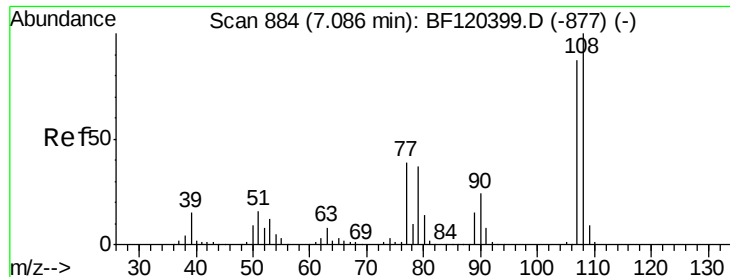
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.2

79 11.2 0.0 31.2

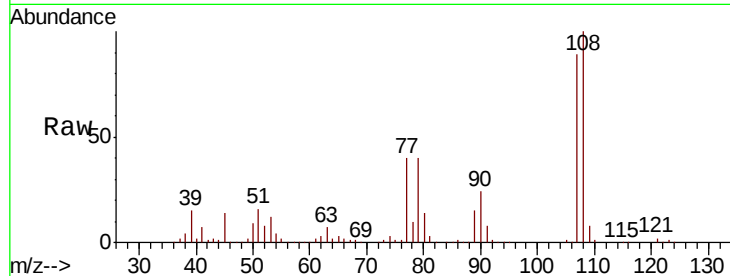




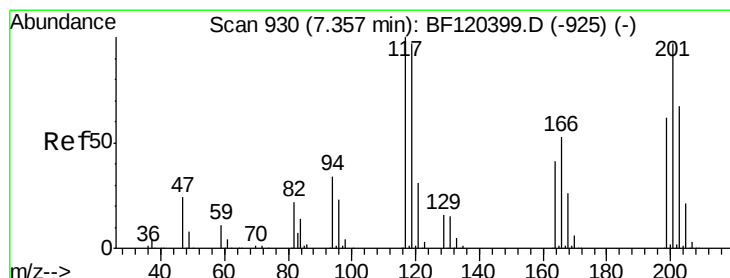
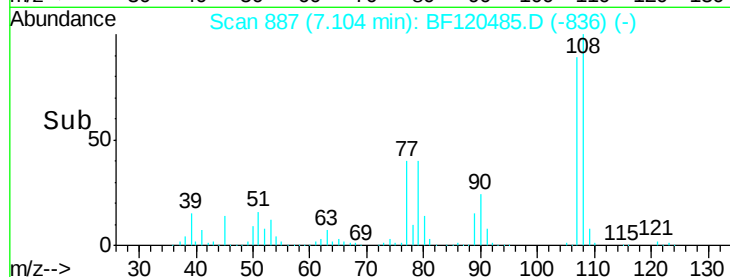
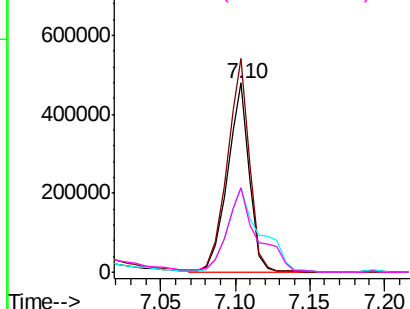
#17
2-Methylphenol
Concen: 41.186 ng
RT: 7.10 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 497694
Ion Ratio Lower Upper
107 100
108 112.8 90.2 135.4
77 44.9 35.9 53.9
79 44.7 35.8 53.6

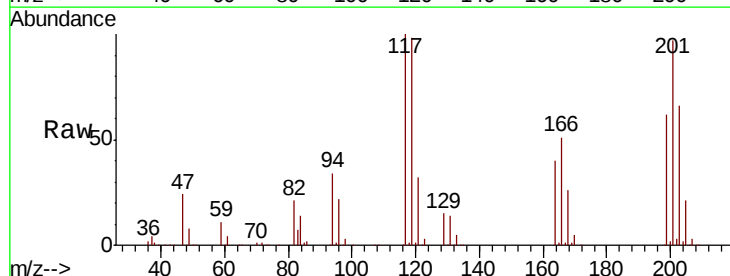


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

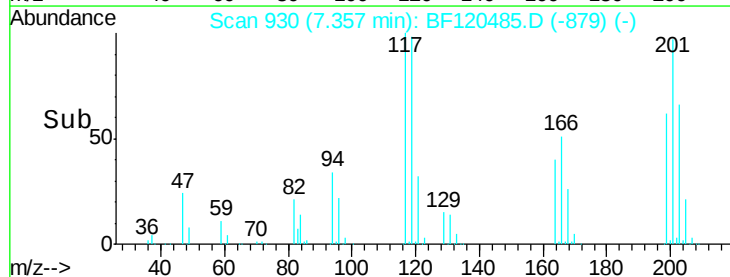
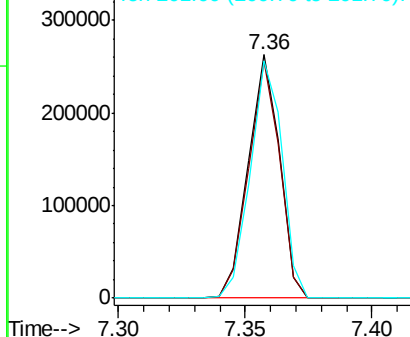


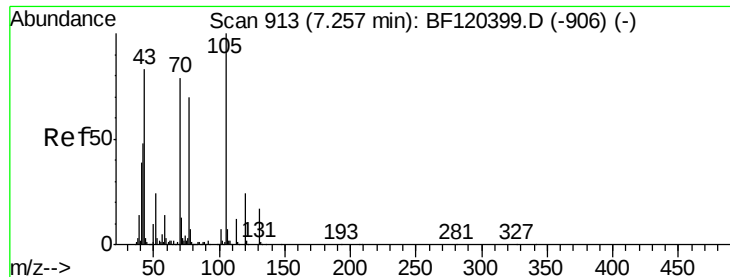
#18
Hexachloroethane
Concen: 41.713 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:117 Resp: 226173
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
201 97.4 77.9 116.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

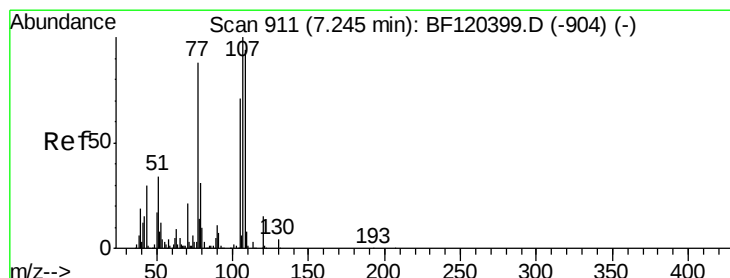
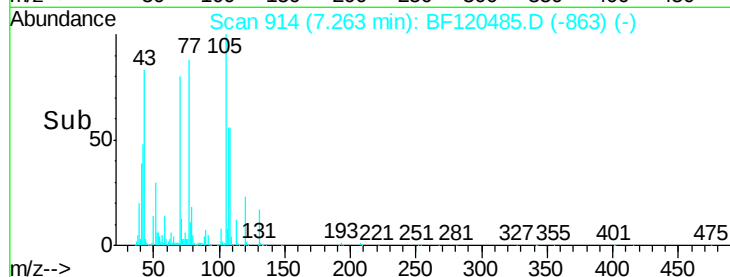
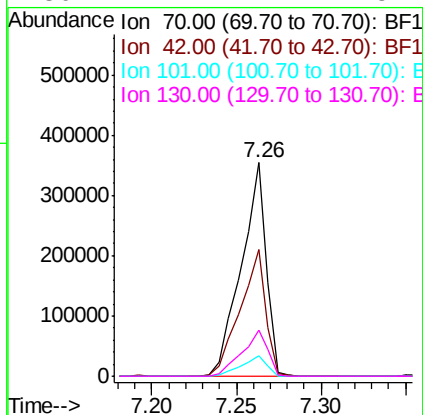
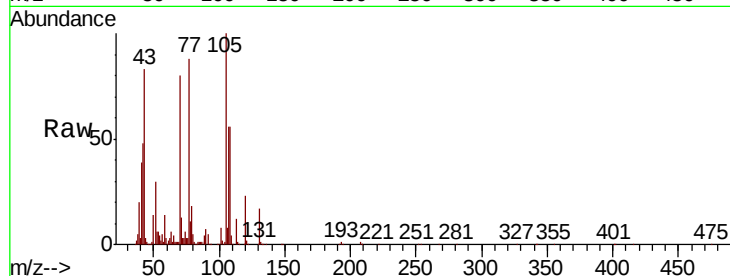




#19
n-Nitroso-di-n-propylamine
Concen: 39.095 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

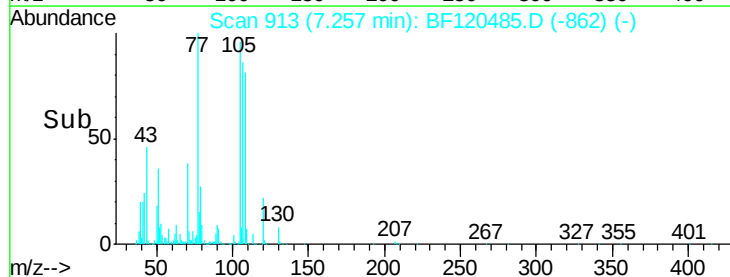
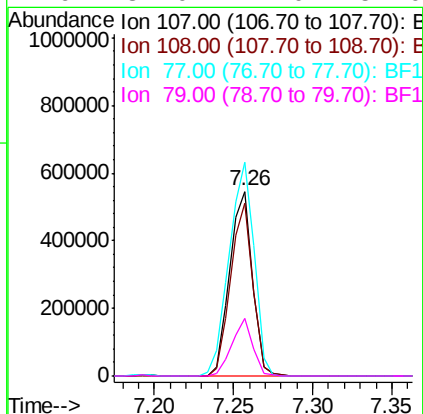
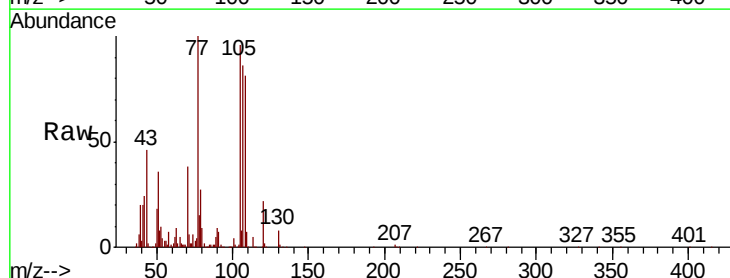
Instrument :
BNA_F
ClientSampleId :

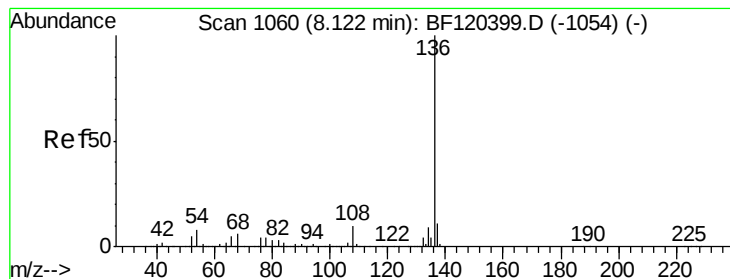
Tot Ion:	70	Resp:	367102
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.4	71.2
101	9.7	7.8	11.6
130	21.4	17.1	25.7



#20
3+4-Methylphenols
Concen: 35.598 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:	107	Resp:	543436
Ion	Ratio	Lower	Upper
107	100		
108	93.4	73.4	113.4
77	115.8	95.8	135.8
79	31.0	11.0	51.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 896214

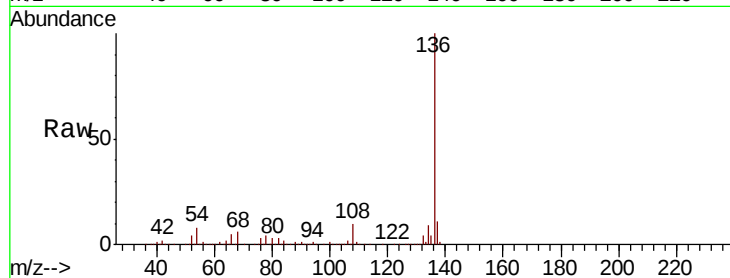
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 7.8 6.2 9.4

68 6.3 5.0 7.6

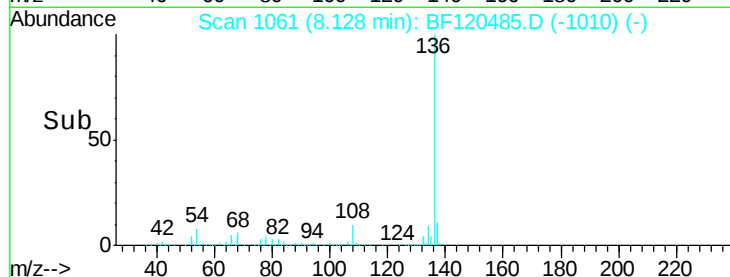


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



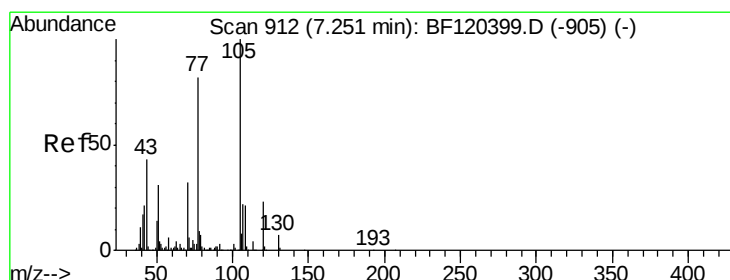
8.13

1000000

500000

0

Time-->



#22

Acetophenone

Concen: 38.341 ng

RT: 7.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Tgt Ion:105 Resp: 697869

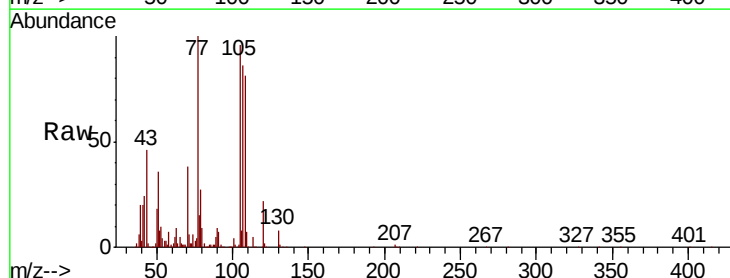
Ion Ratio Lower Upper

105 100

71 6.5 5.2 7.8

51 37.9 30.3 45.5

120 22.5 18.0 27.0

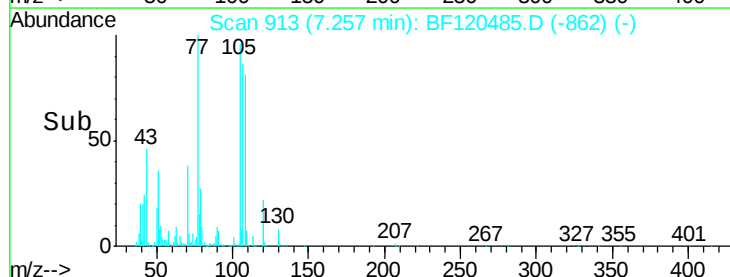


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



7.26

800000

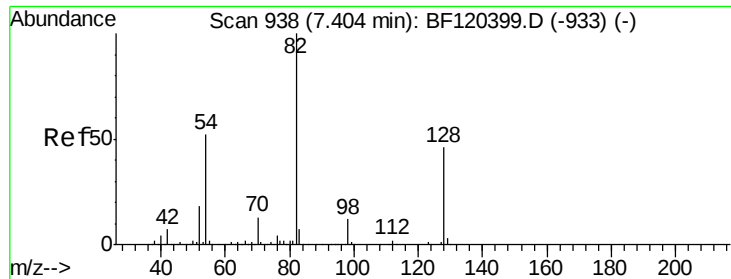
600000

400000

200000

0

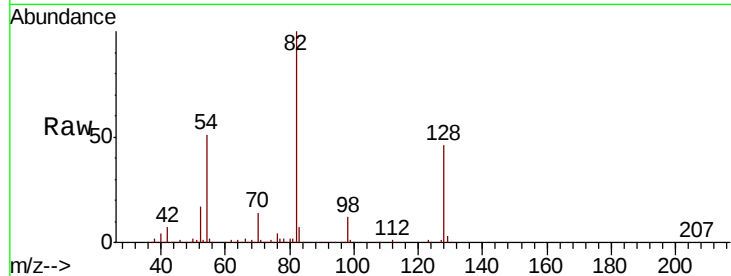
Time-->



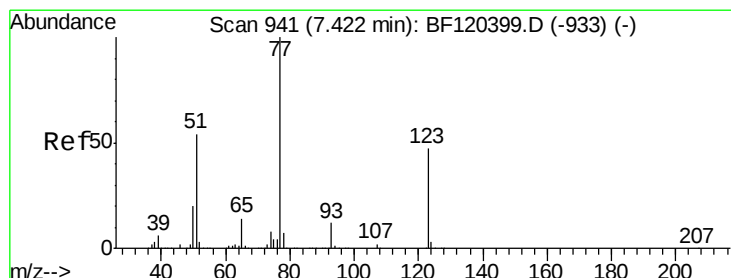
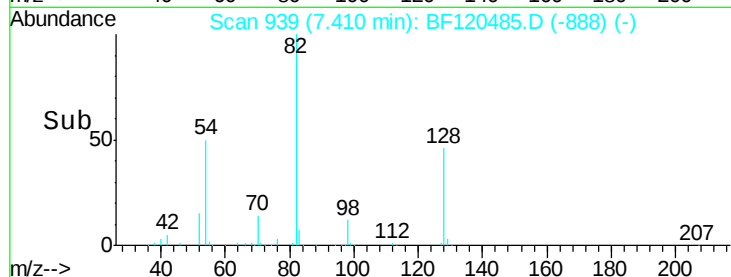
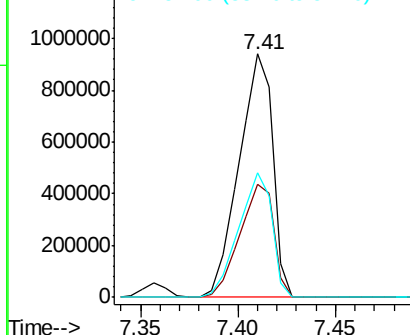
#23
Nitrobenzene-d5
Concen: 82.054 ng
RT: 7.41 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1124202
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.6
54 51.2 41.0 61.4

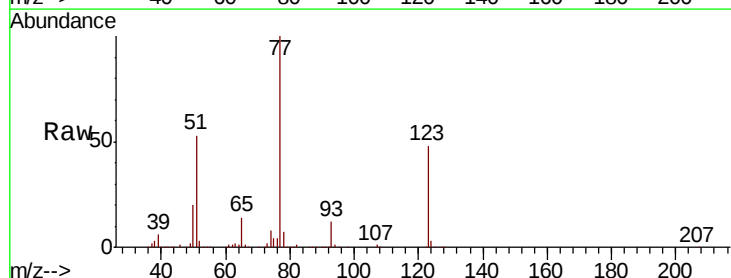


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

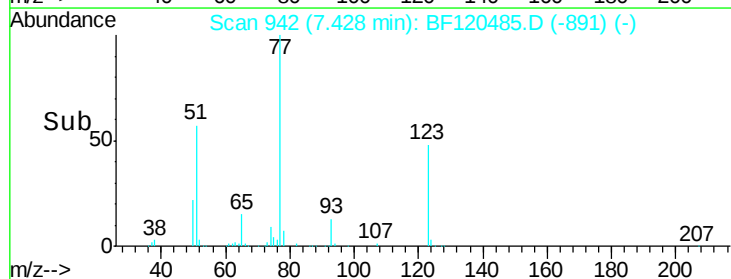
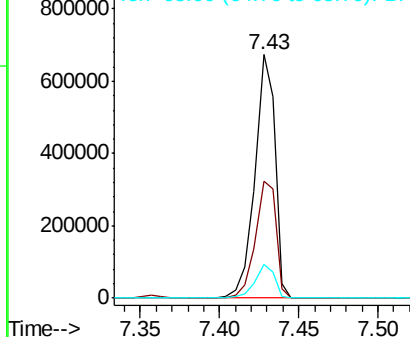


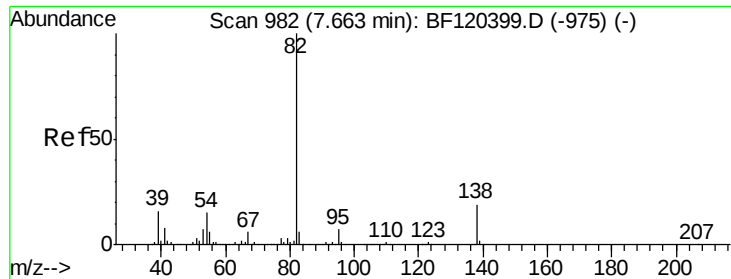
#24
Nitrobenzene
Concen: 40.336 ng
RT: 7.43 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion: 77 Resp: 595305
Ion Ratio Lower Upper
77 100
123 48.0 38.4 57.6
65 13.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.521 ng

RT: 7.67 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

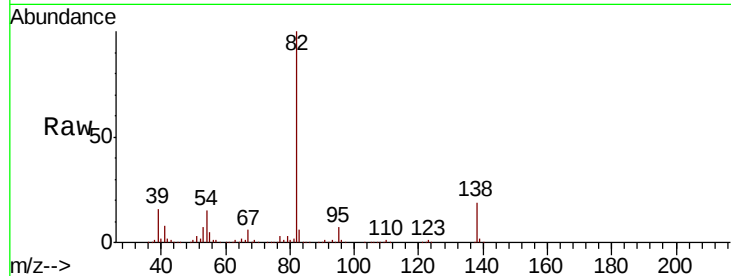
Tot Ion: 82 Resp: 1088279

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

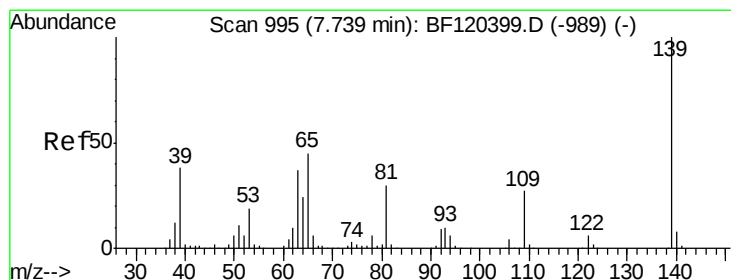
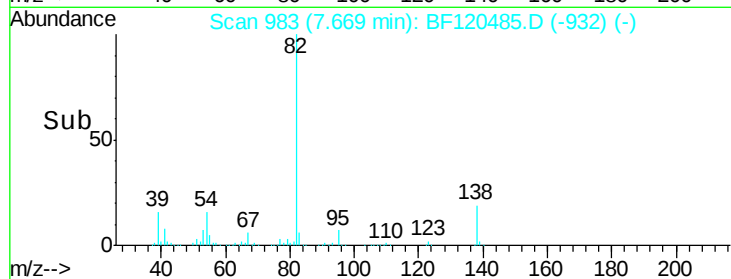
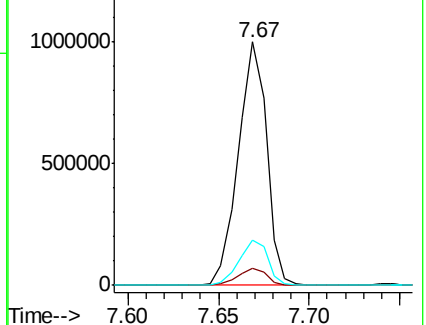
138 18.8 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.645 ng

RT: 7.75 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

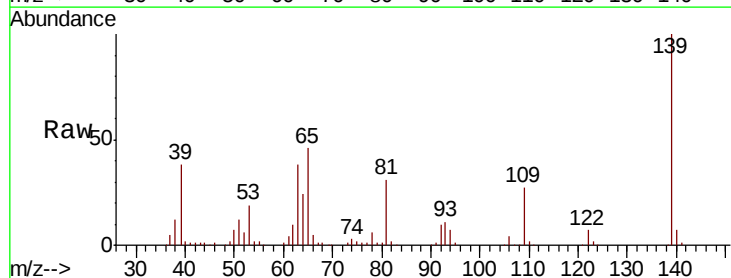
Tgt Ion: 139 Resp: 303735

Ion Ratio Lower Upper

139 100

109 27.4 21.9 32.9

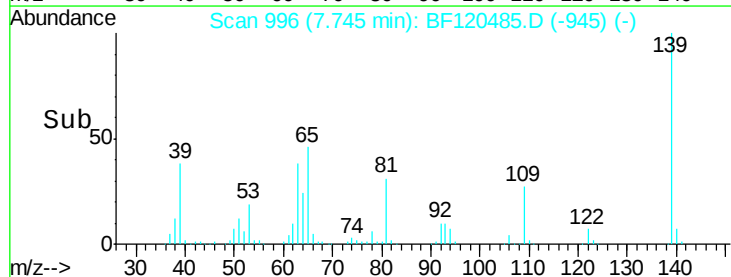
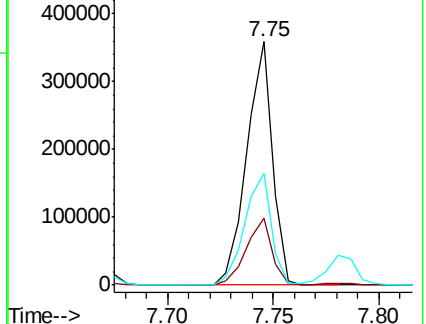
65 45.9 36.7 55.1

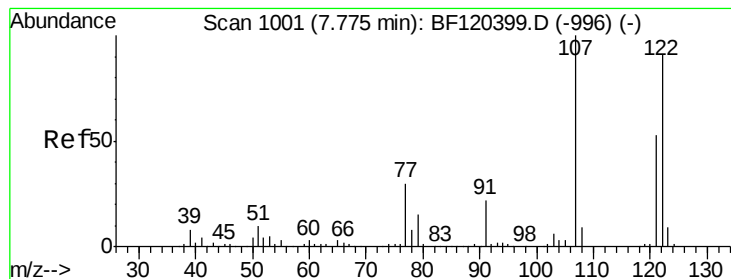


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.958 ng

RT: 7.79 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

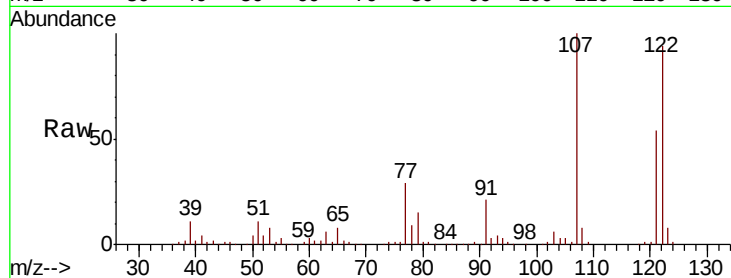
Tot Ion:122 Resp: 461752

Ion Ratio Lower Upper

122 100

107 106.5 85.2 127.8

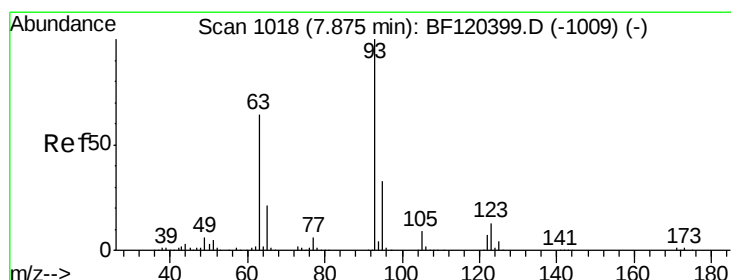
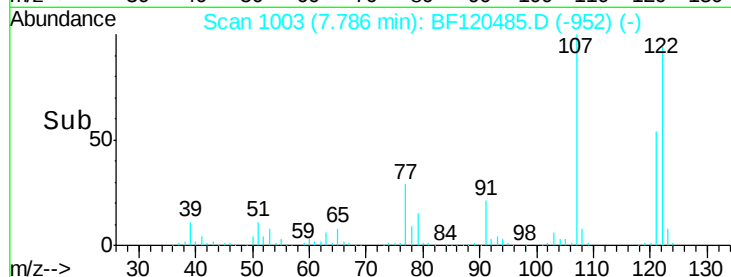
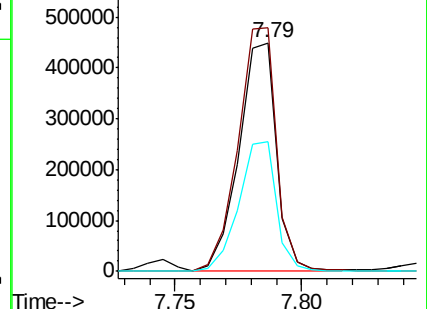
121 57.0 45.6 68.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.162 ng

RT: 7.87 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

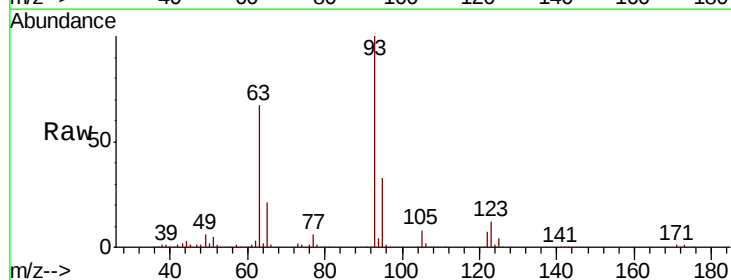
Tgt Ion: 93 Resp: 666003

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

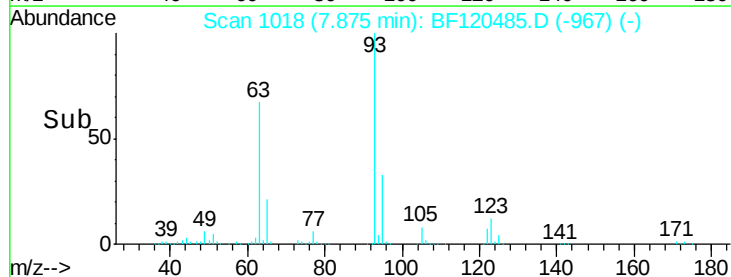
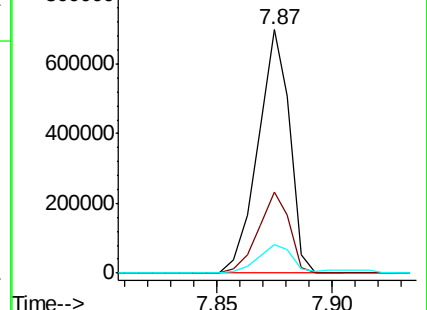
123 12.0 9.6 14.4

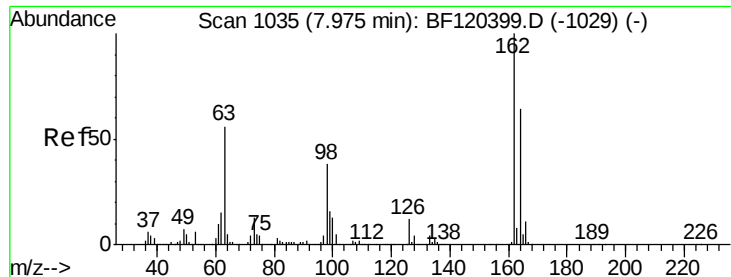


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

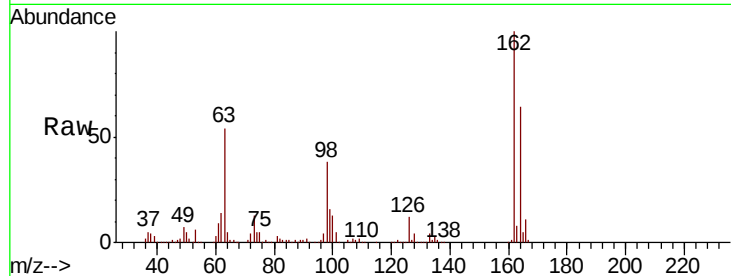




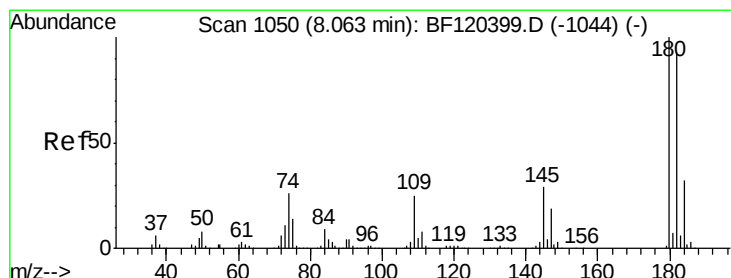
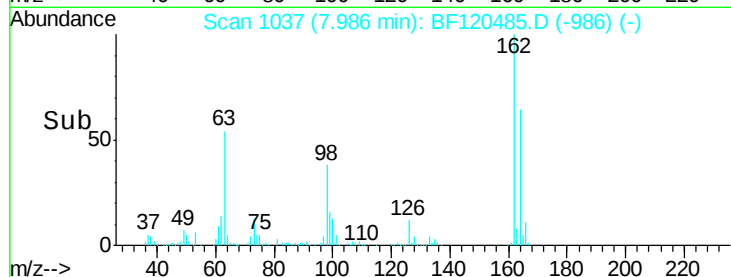
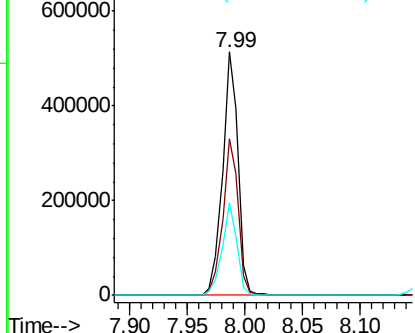
#29
2,4-Dichlorophenol
Concen: 40.997 ng
RT: 7.99 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	37.9	17.9	57.9

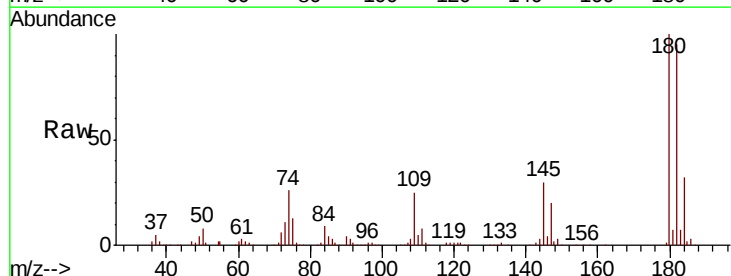


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

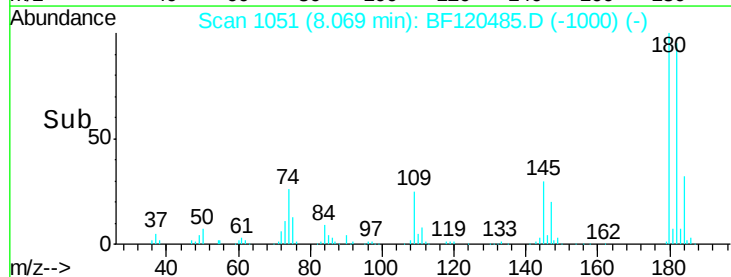
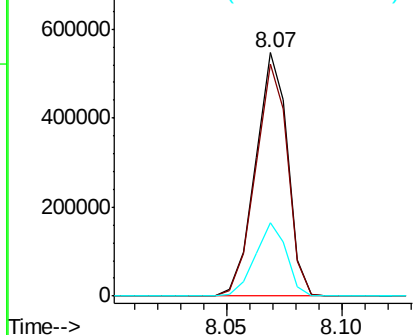


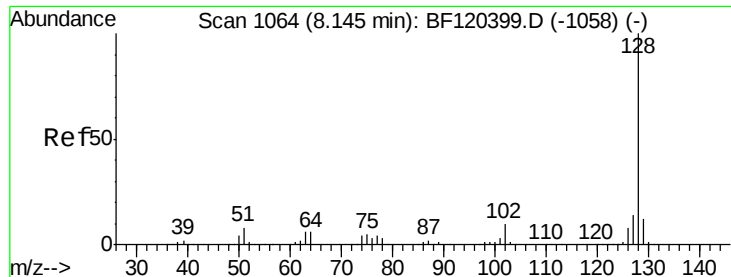
#30
1,2,4-Trichlorobenzene
Concen: 40.387 ng
RT: 8.07 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
145	30.3	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

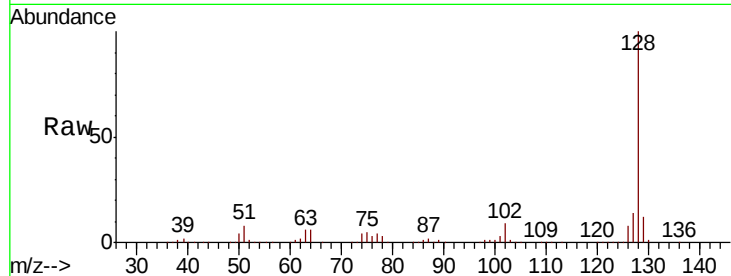




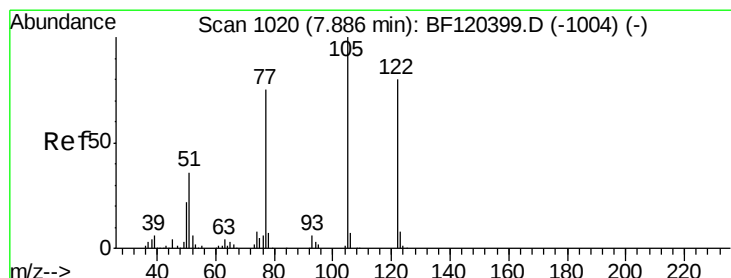
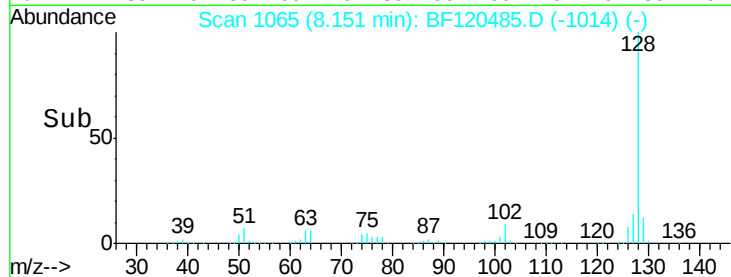
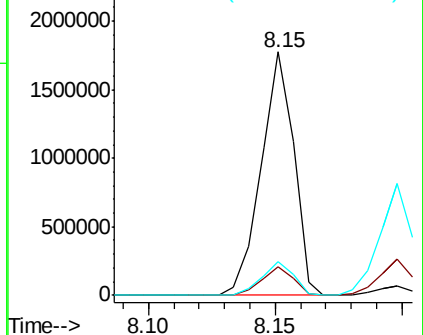
#31
Naphthalene
Concen: 40.321 ng
RT: 8.15 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1587030
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.6 10.9 16.3

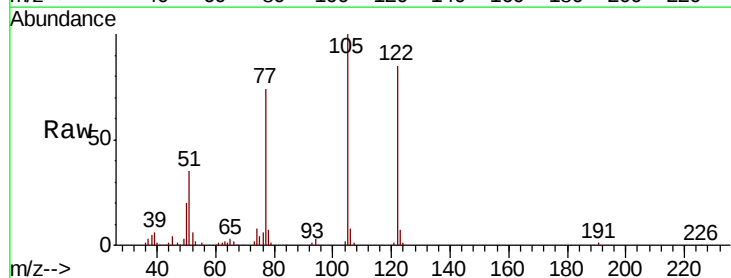


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

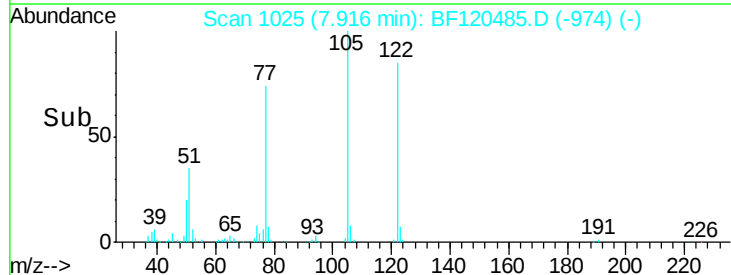
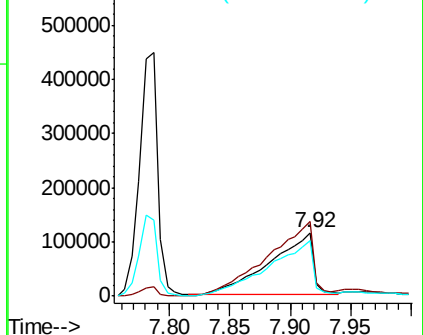


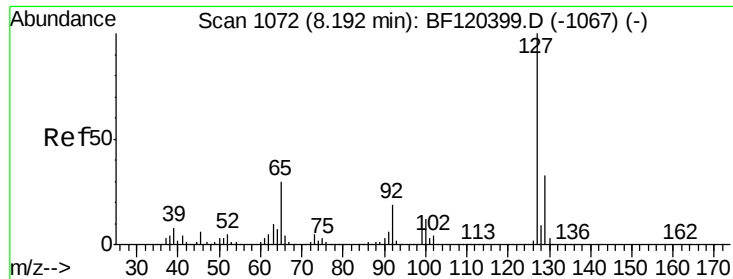
#32
Benzoic acid
Concen: 33.570 ng
RT: 7.92 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:122 Resp: 287873
Ion Ratio Lower Upper
122 100
105 117.9 97.9 137.9
77 86.8 66.8 106.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

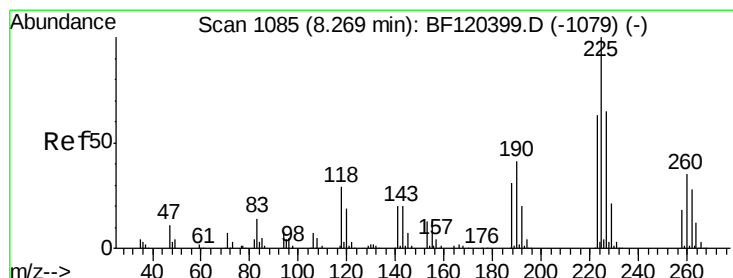
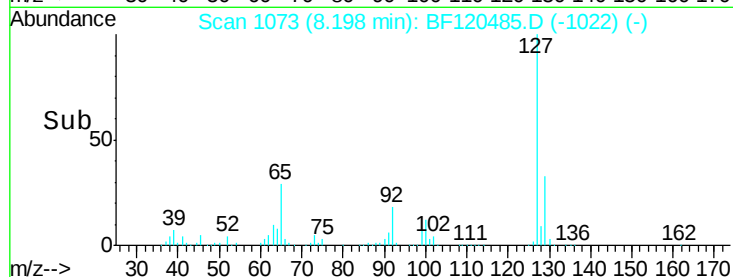
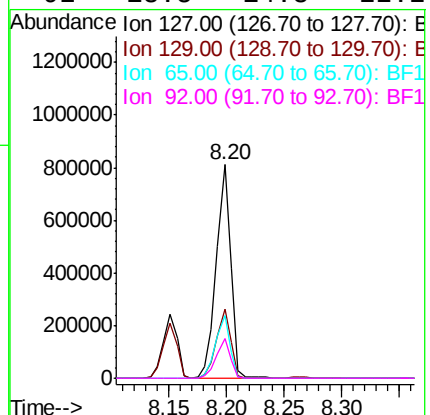
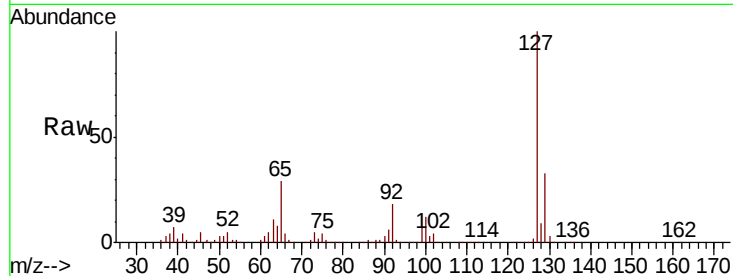




#33
4-Chloroaniline
Concen: 40.770 ng
RT: 8.20 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

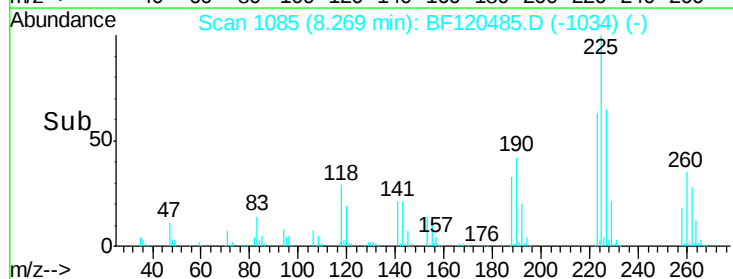
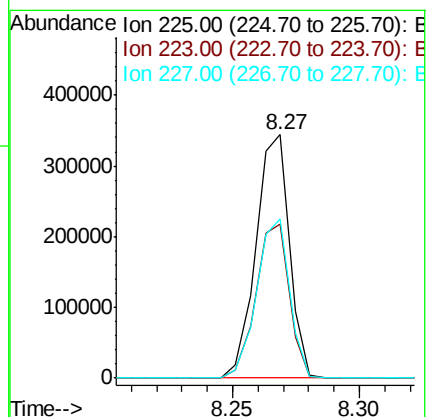
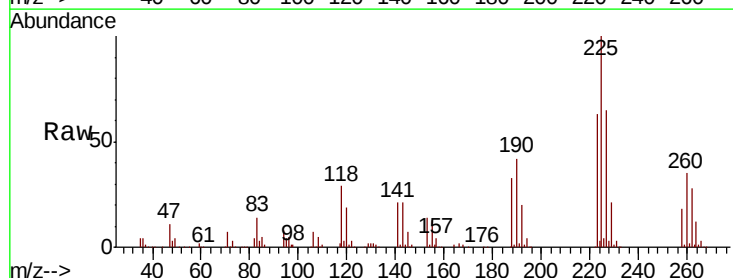
Instrument :
BNA_F
ClientSampleId :

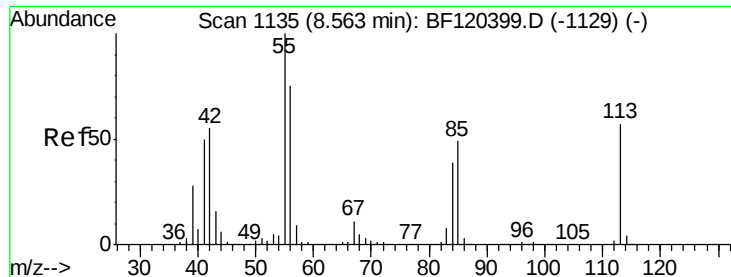
Tot Ion:	127	Resp:	711189
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	29.5	23.6	35.4
92	18.5	14.8	22.2



#34
Hexachlorobutadiene
Concen: 40.940 ng
RT: 8.27 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:	225	Resp:	317864
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	65.4	52.3	78.5

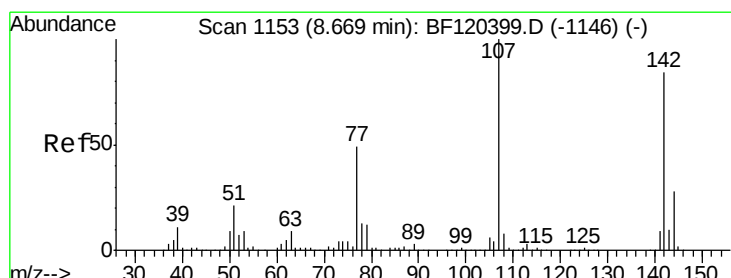
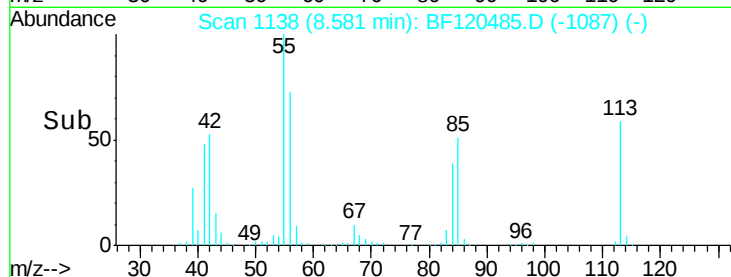
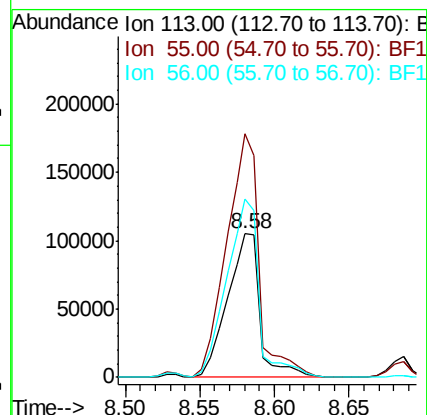
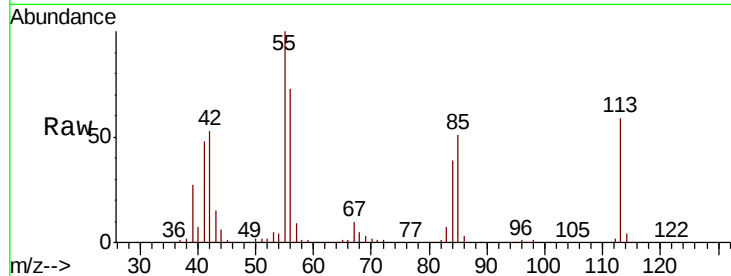




#35
 Caprolactam
 Concen: 42.242 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

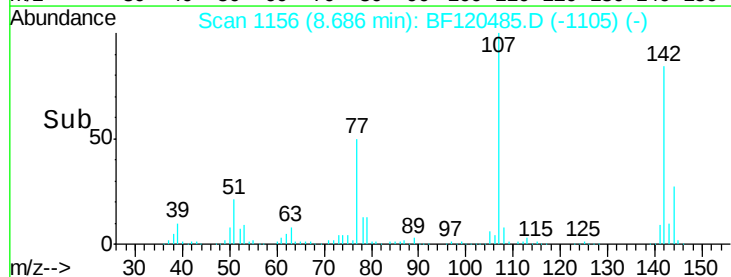
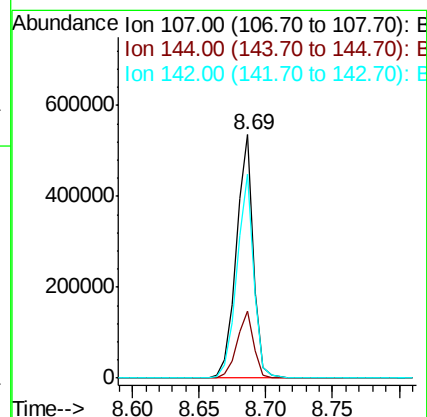
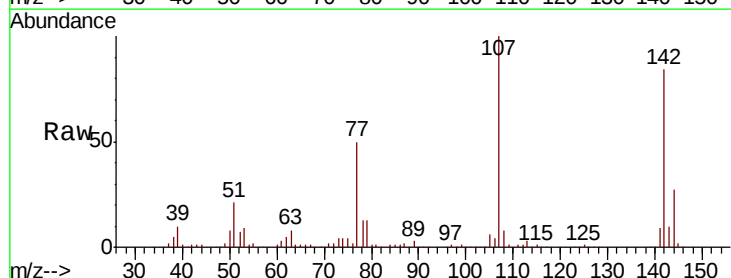
Instrument :
 BNA_F
 ClientSampled :

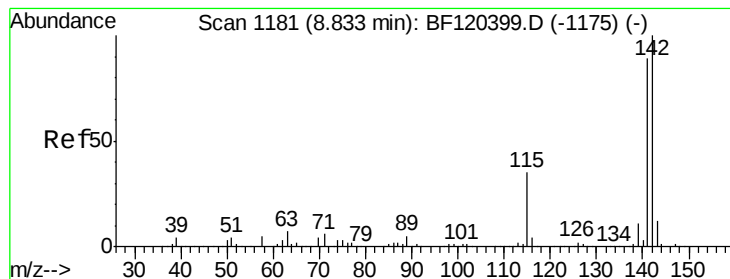
Tot Ion:113 Resp: 159679
 Ion Ratio Lower Upper
 113 100
 55 169.5 149.5 189.5
 56 123.9 103.9 143.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.790 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:107 Resp: 483036
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.8 32.8
 142 83.5 66.8 100.2





#37

2-Methylnaphthalene

Concen: 40.911 ng

RT: 8.85 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

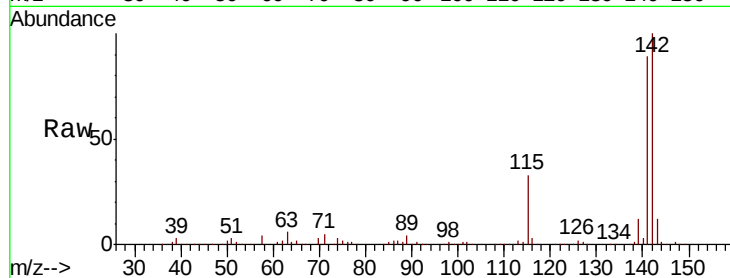
Tot Ion:142 Resp: 1066593

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

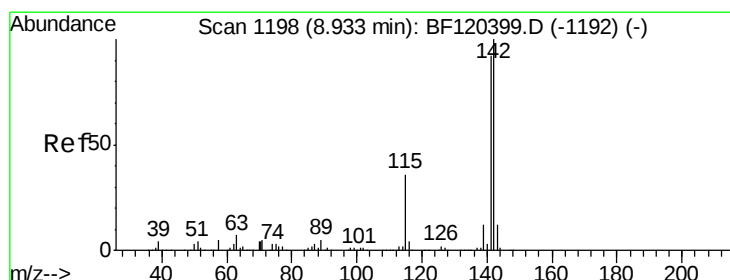
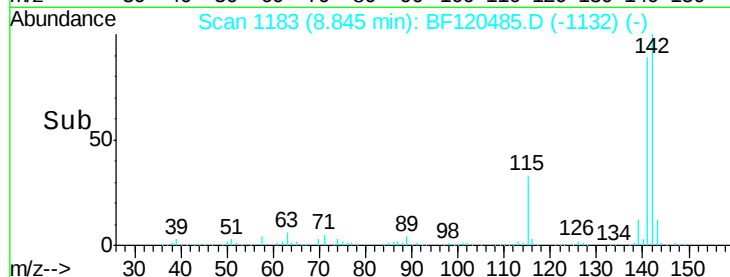
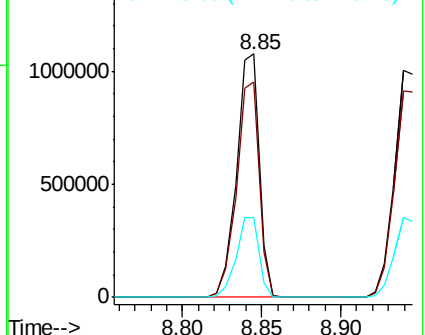
115 32.6 26.1 39.1



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: 40.770 ng

RT: 8.94 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

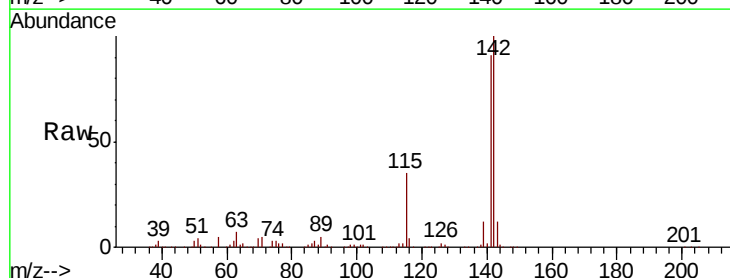
Tgt Ion:142 Resp: 1003285

Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2

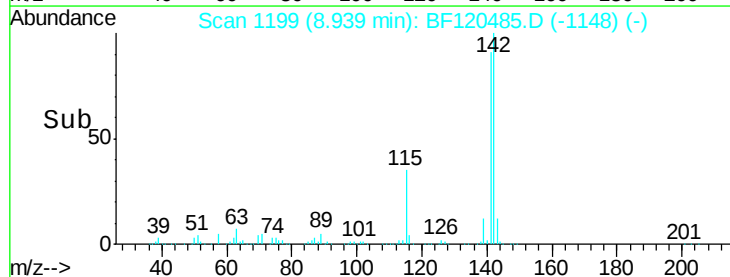
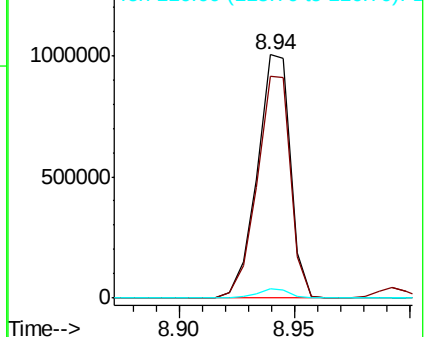
116 3.6 2.9 4.3

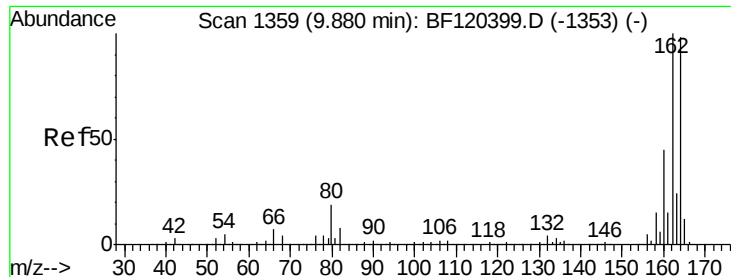


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.89 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

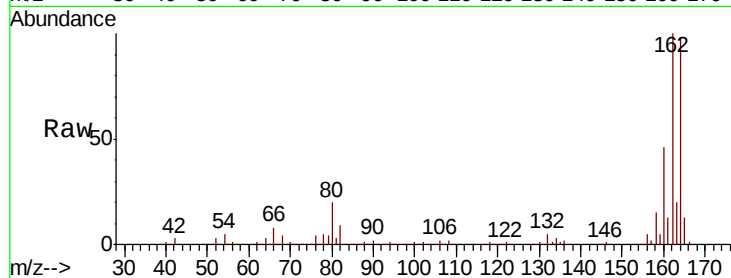
Tot Ion:164 Resp: 475378

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

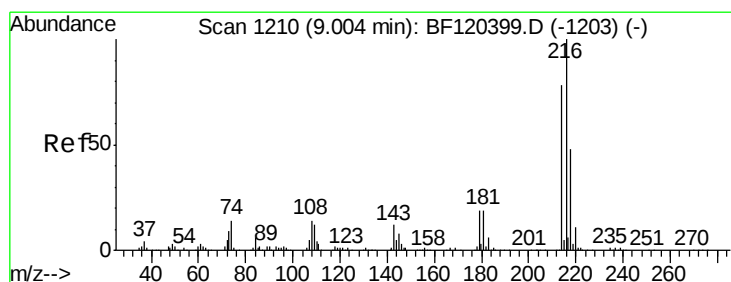
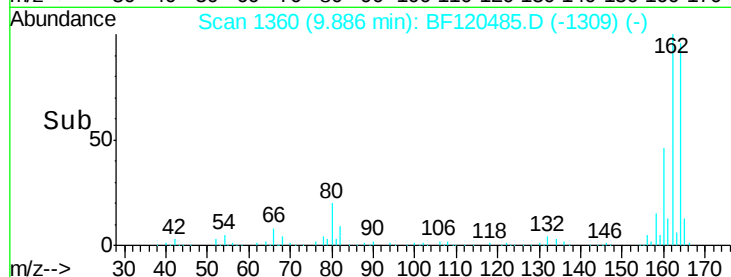
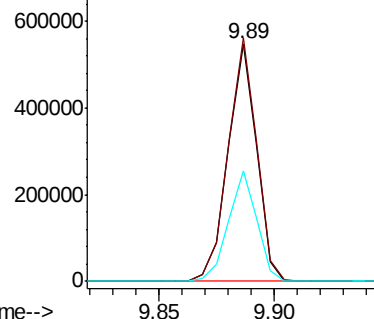
160 46.7 37.4 56.0



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: 41.481 ng

RT: 9.01 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Tgt Ion:216 Resp: 505693

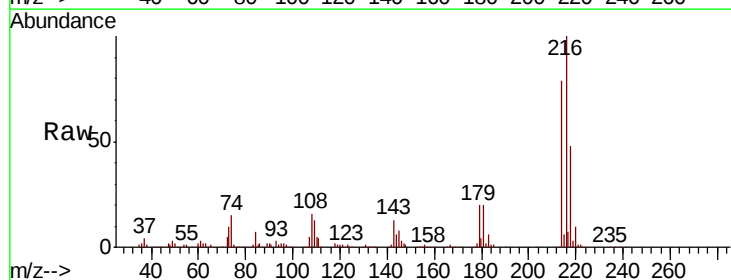
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 20.6 16.5 24.7

108 18.4 14.7 22.1

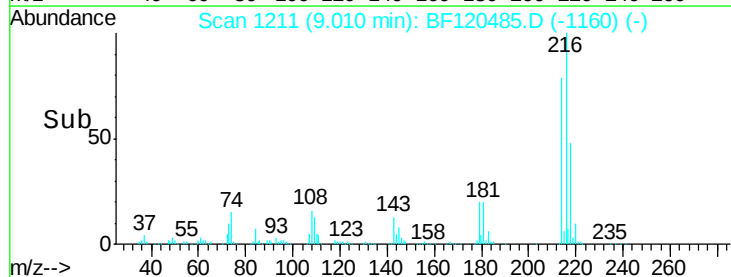
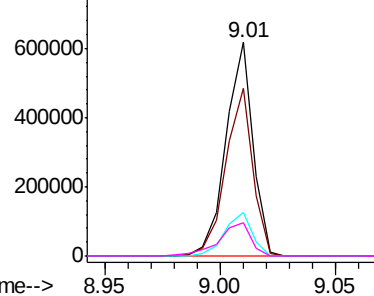


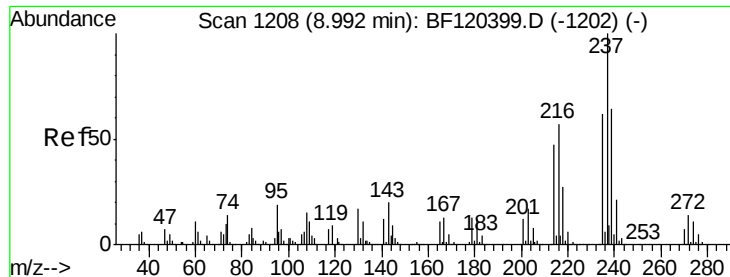
Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.771 ng

RT: 8.99 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

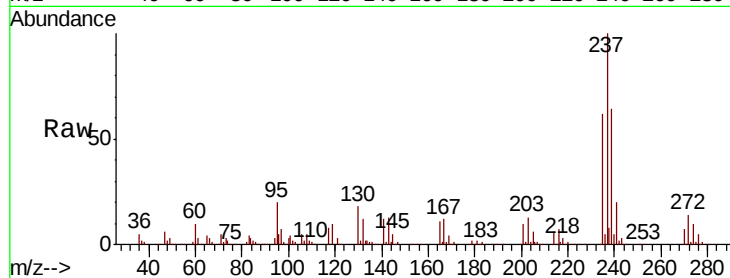
Tot Ion:237 Resp: 311419

Ion Ratio Lower Upper

237 100

235 62.5 42.5 82.5

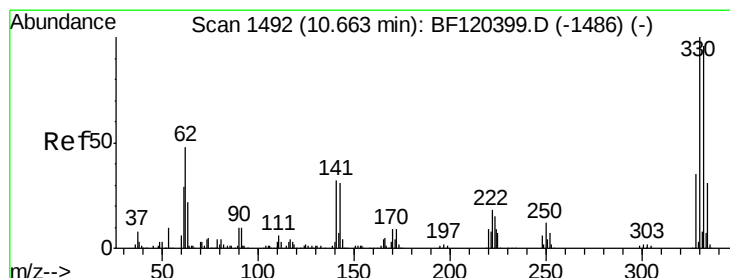
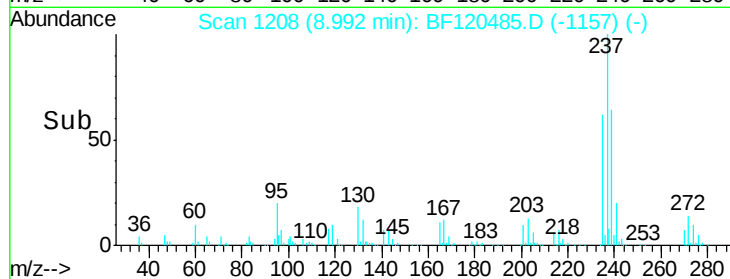
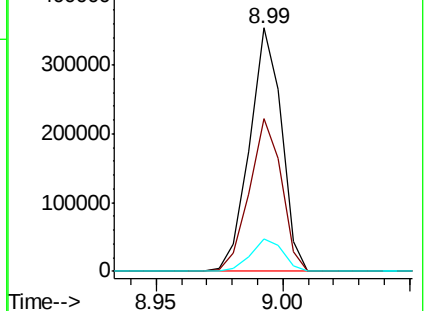
272 13.6 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.196 ng

RT: 10.68 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

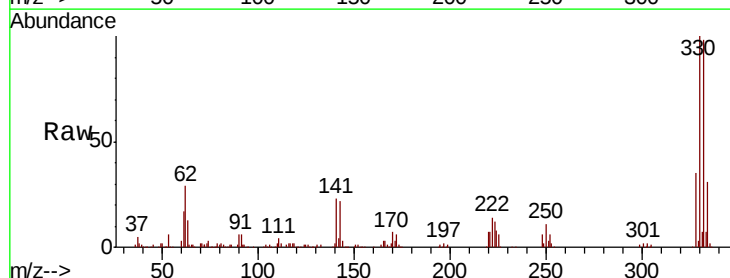
Tgt Ion:330 Resp: 392873

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

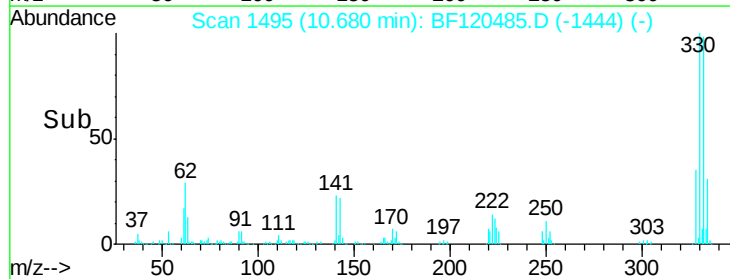
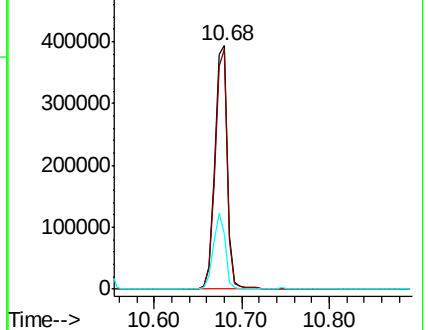
141 29.9 23.9 35.9

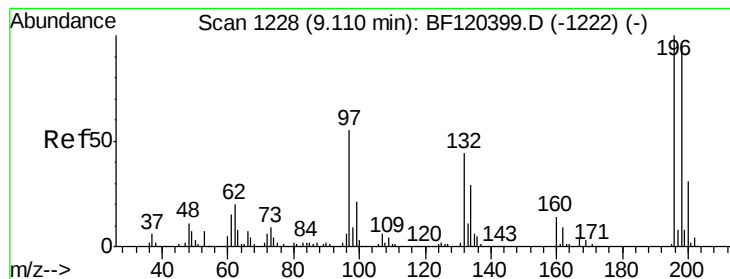


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 41.217 ng

RT: 9.12 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

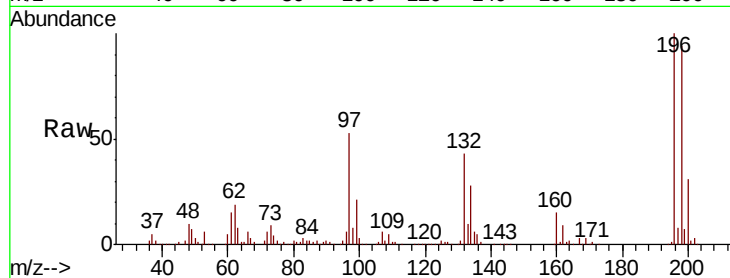
Tot Ion:196 Resp: 363396

Ion Ratio Lower Upper

196 100

198 94.5 75.6 113.4

200 30.7 24.6 36.8

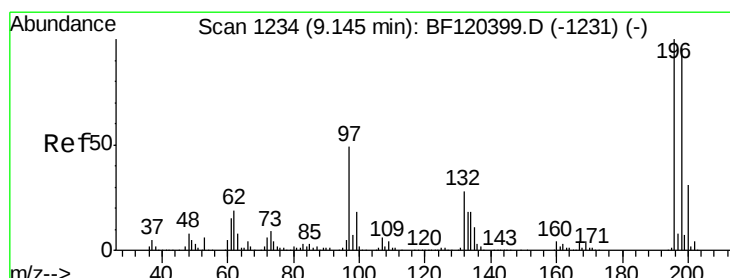
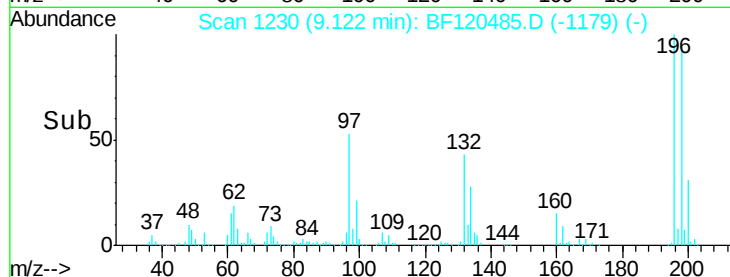
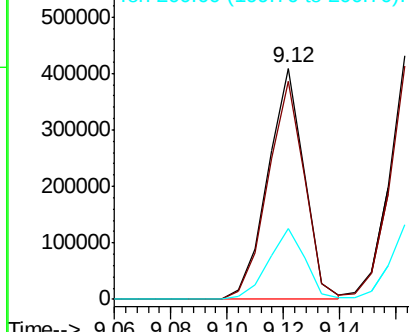


Abundance

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: 41.211 ng

RT: 9.16 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Tgt Ion:196 Resp: 411869

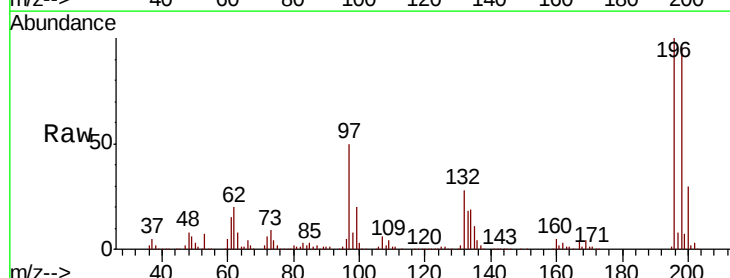
Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

97 50.0 40.0 60.0

132 28.2 22.6 33.8



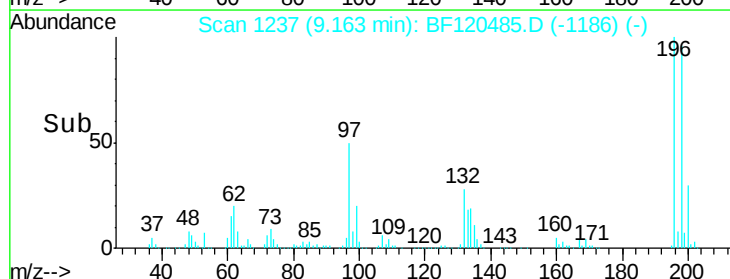
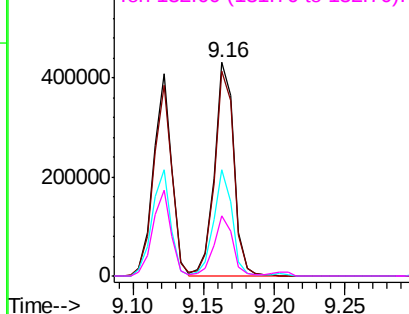
Abundance

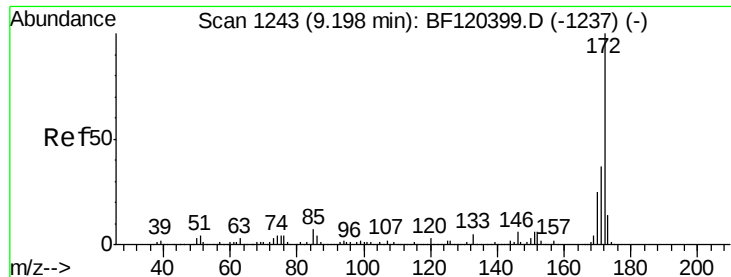
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

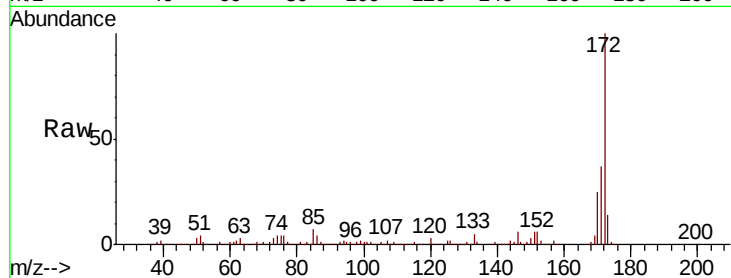




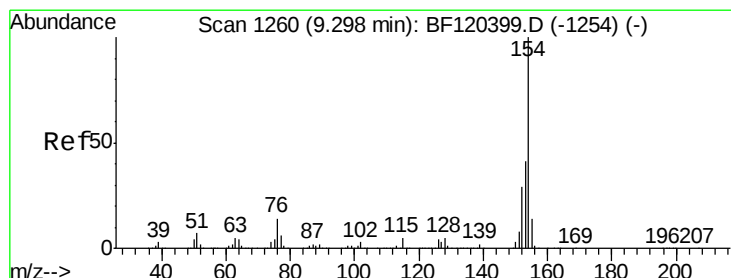
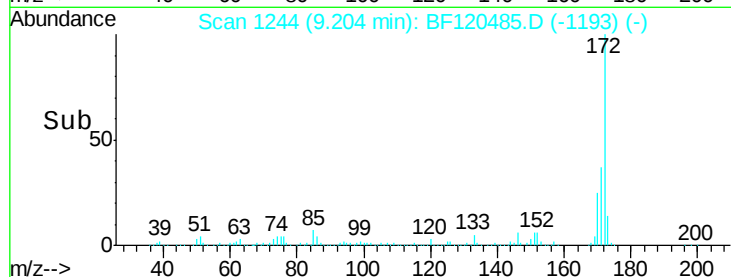
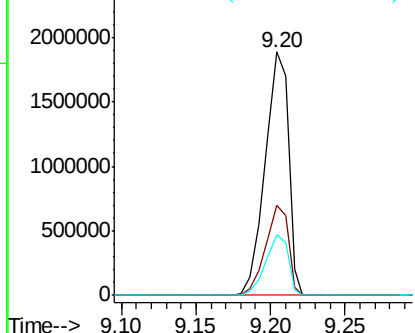
#45
 2-Fluorobiphenyl
 Concen: 72.421 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2029095
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.9 19.9 29.9

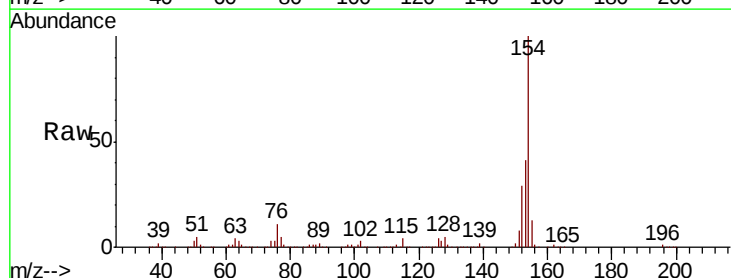


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

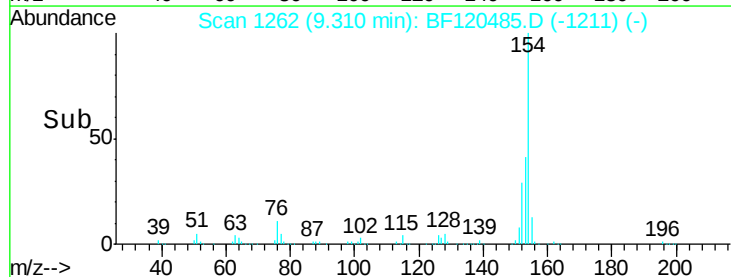
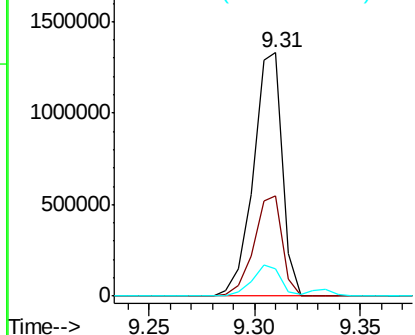


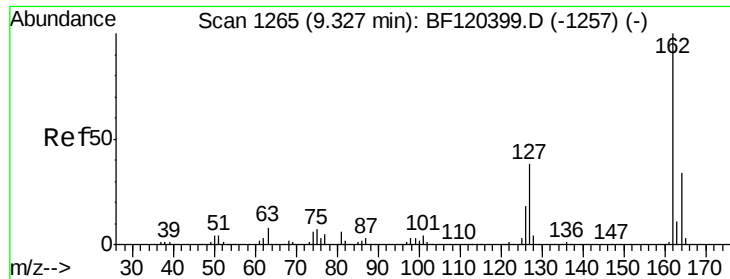
#46
 1,1'-Biphenyl
 Concen: 40.610 ng
 RT: 9.31 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:154 Resp: 1268187
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.1 61.1
 76 11.3 0.0 31.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

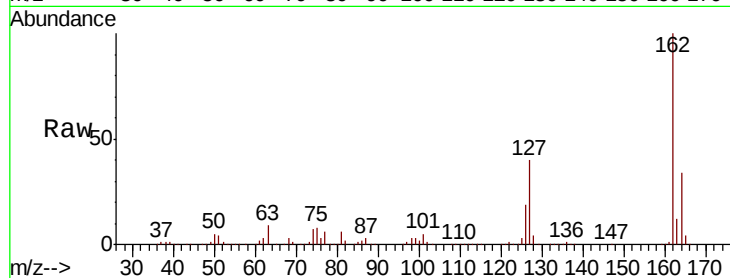




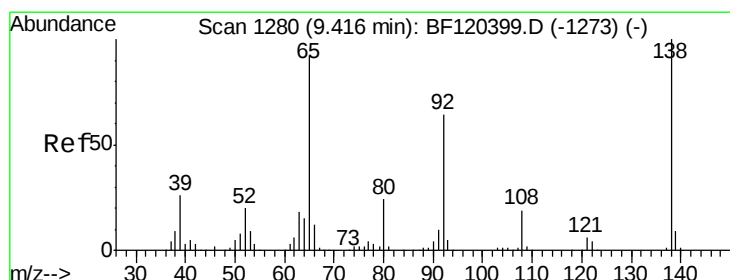
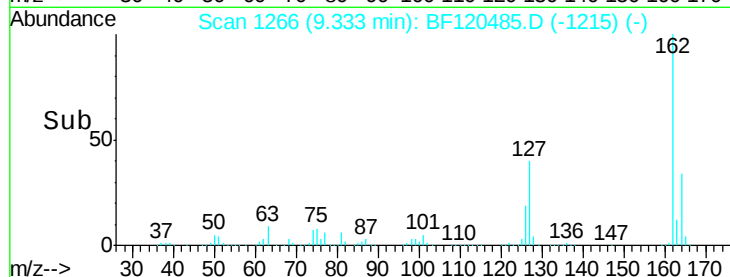
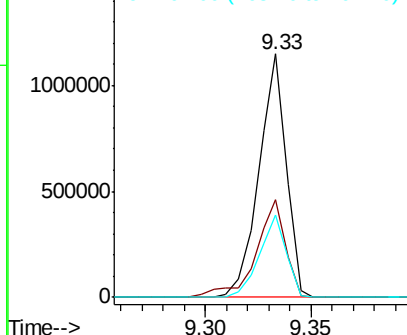
#47
 2-Chloronaphthalene
 Concen: 40.050 ng
 RT: 9.33 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1029880
 Ion Ratio Lower Upper
 162 100
 127 40.3 32.2 48.4
 164 33.9 27.1 40.7

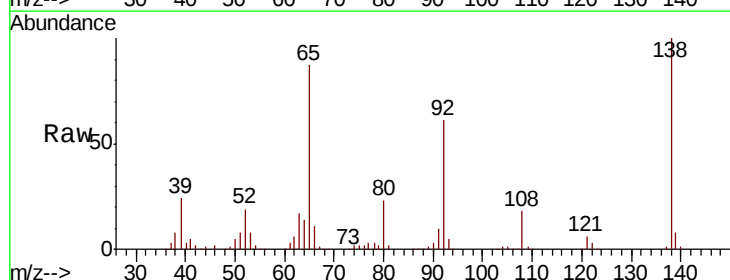


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

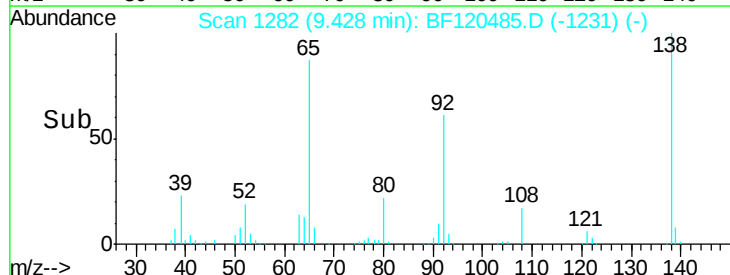
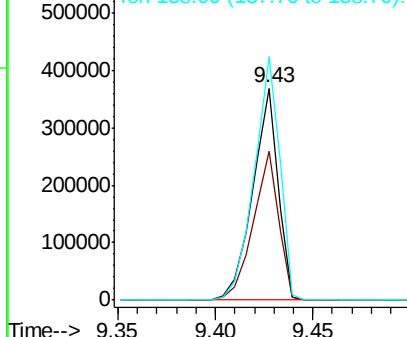


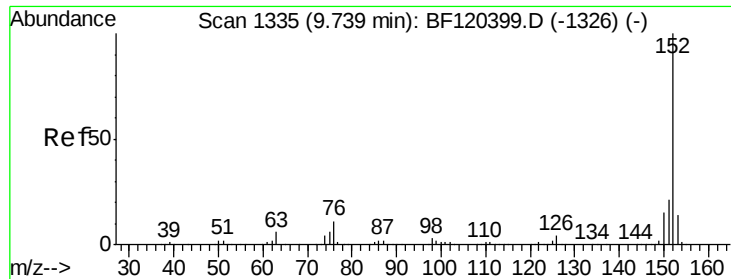
#48
 2-Nitroaniline
 Concen: 42.343 ng
 RT: 9.43 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion: 65 Resp: 331644
 Ion Ratio Lower Upper
 65 100
 92 70.0 56.0 84.0
 138 114.7 91.8 137.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.450 ng

RT: 9.75 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

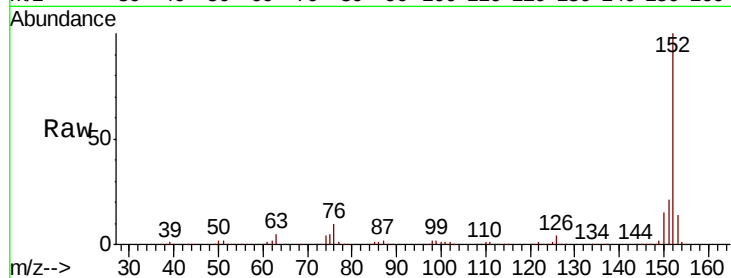
Tot Ion:152 Resp: 1607391

Ion Ratio Lower Upper

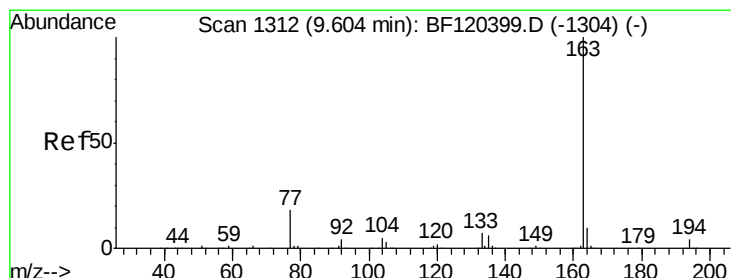
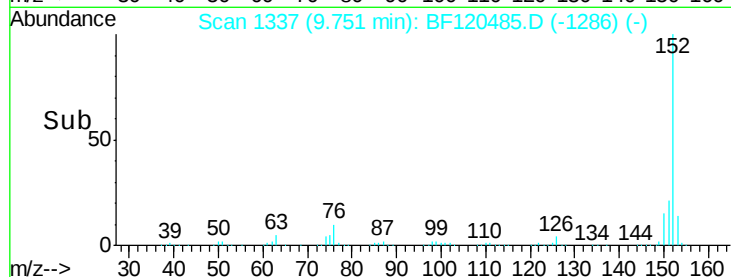
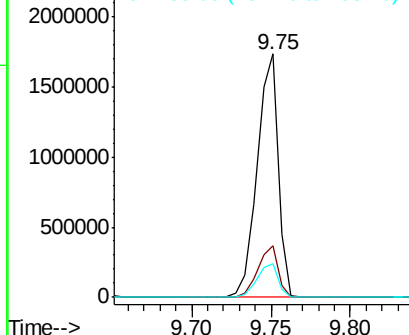
152 100

151 21.0 16.8 25.2

153 13.6 10.9 16.3



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: 42.388 ng

RT: 9.61 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

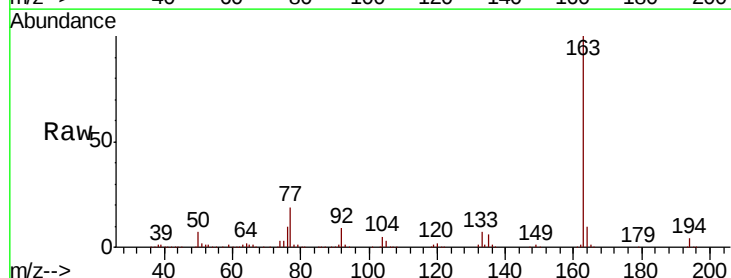
Tgt Ion:163 Resp: 1259733

Ion Ratio Lower Upper

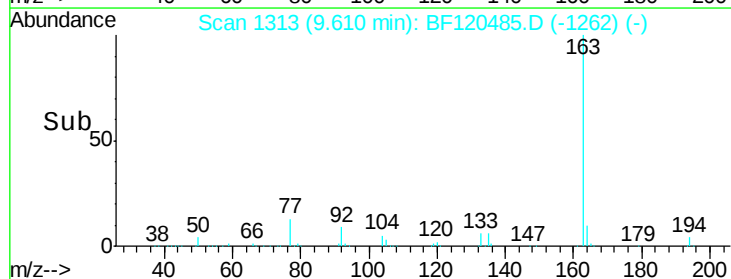
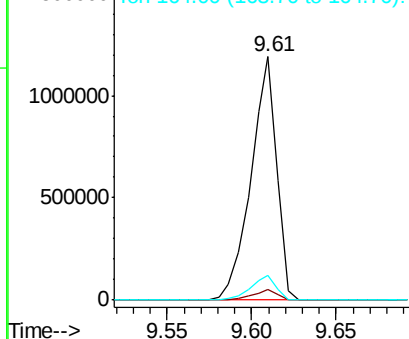
163 100

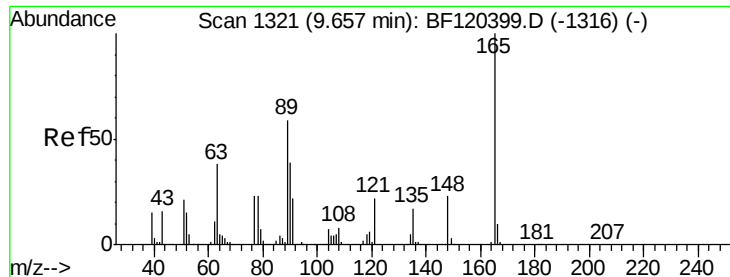
194 4.1 3.3 4.9

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

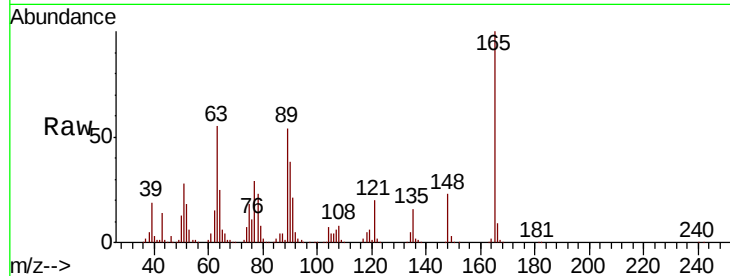




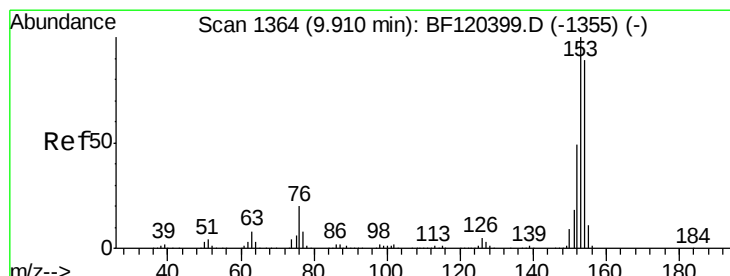
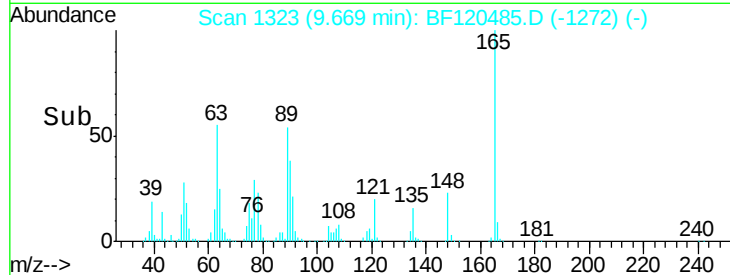
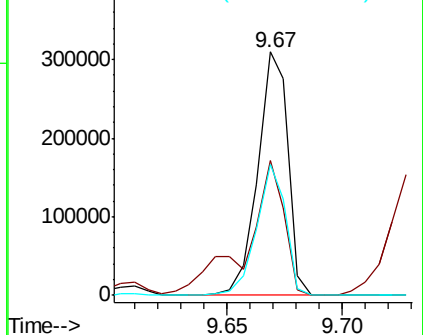
#51
 2,6-Dinitrotoluene
 Concen: 42.662 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.4	44.3	66.5
89	53.7	43.0	64.4

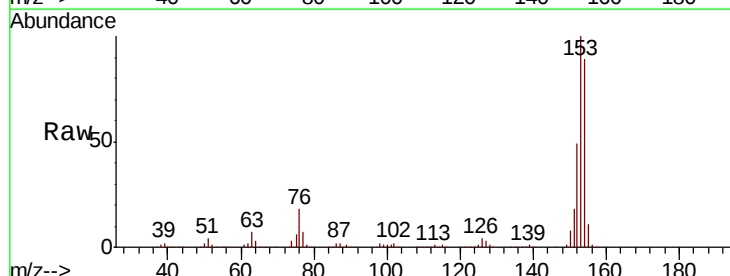


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

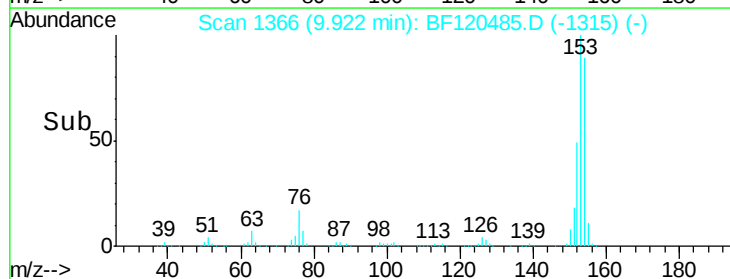
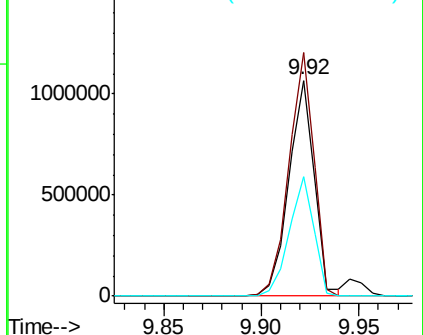


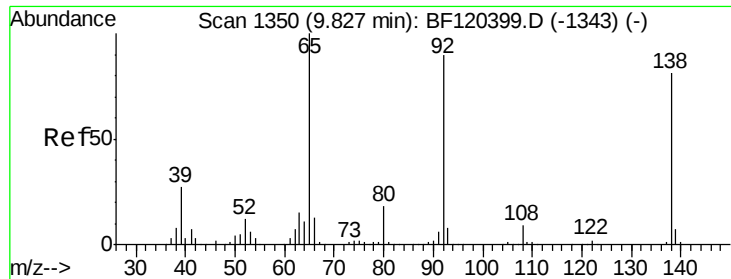
#52
 Acenaphthene
 Concen: 38.885 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.4
152	55.1	44.1	66.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

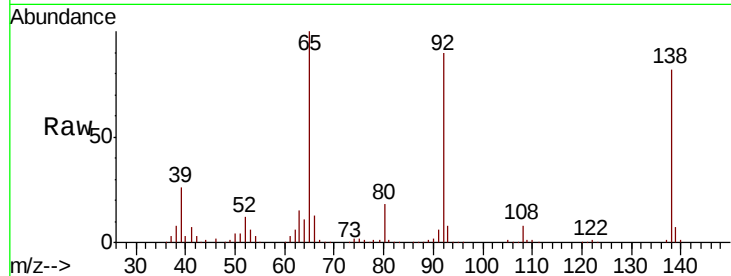




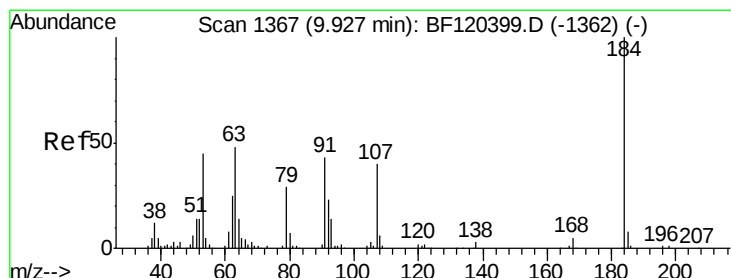
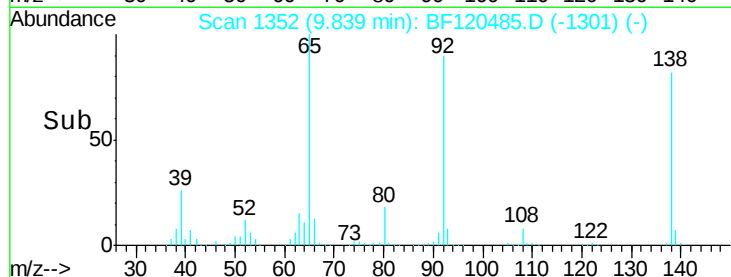
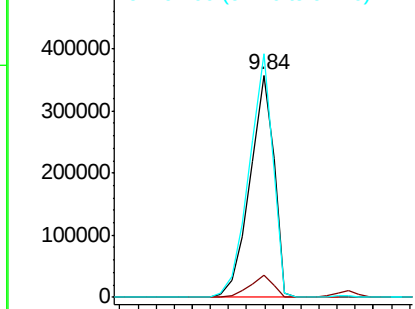
#53
 3-Nitroaniline
 Concen: 42.841 ng
 RT: 9.84 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 332262
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.0 12.0
 92 109.8 87.8 131.8

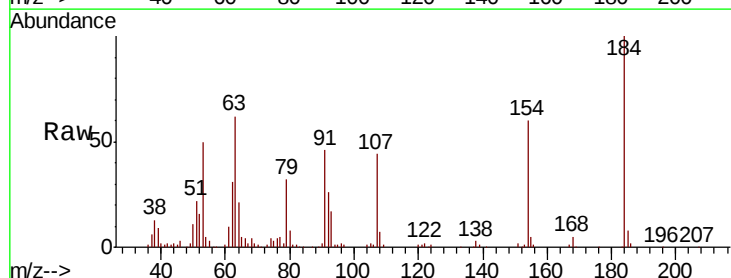


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

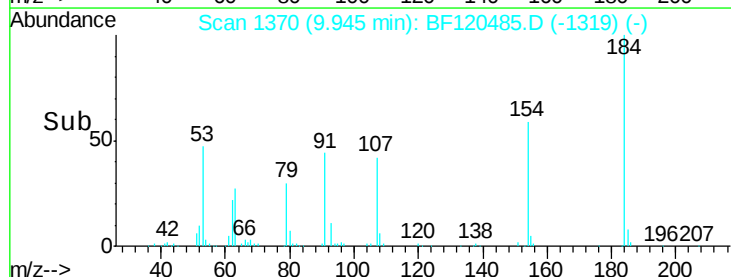
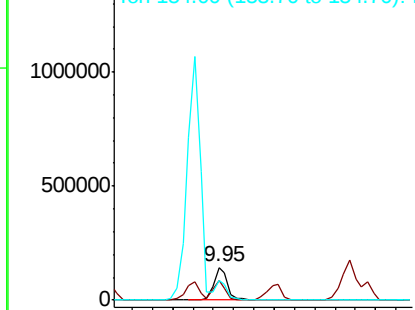


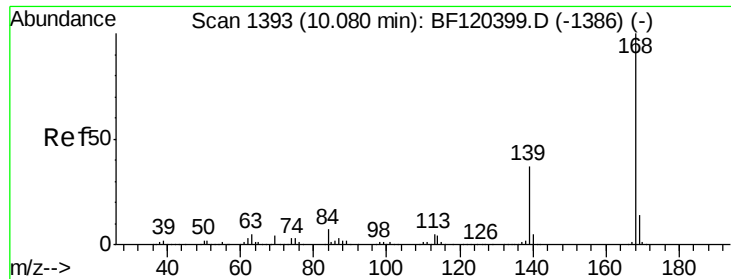
#54
 2,4-Dinitrophenol
 Concen: 54.433 ng
 RT: 9.95 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:184 Resp: 137633
 Ion Ratio Lower Upper
 184 100
 63 61.9 49.5 74.3
 154 59.8 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

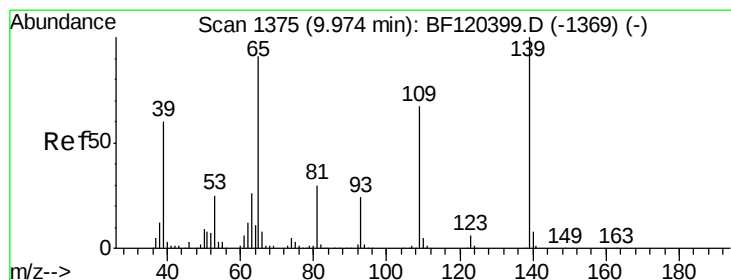
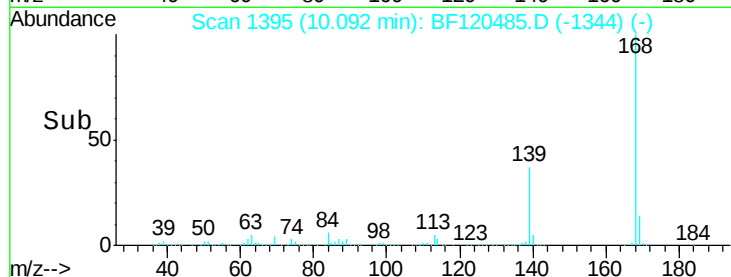
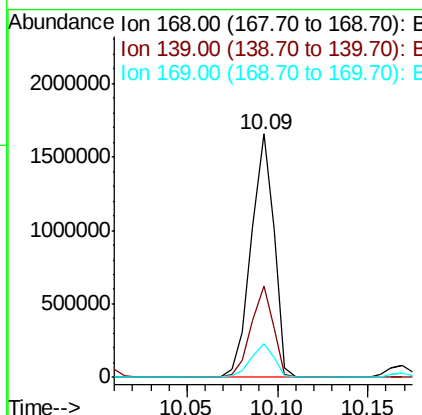
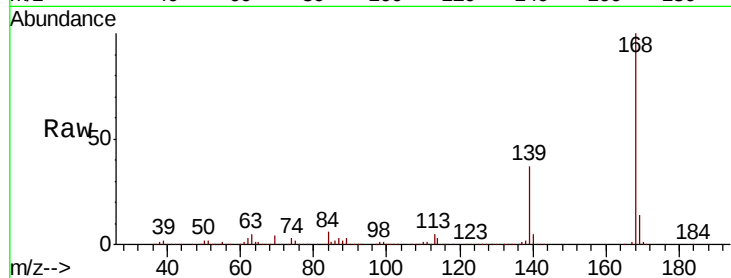




#55
Dibenzofuran
Concen: 40.371 ng
RT: 10.09 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

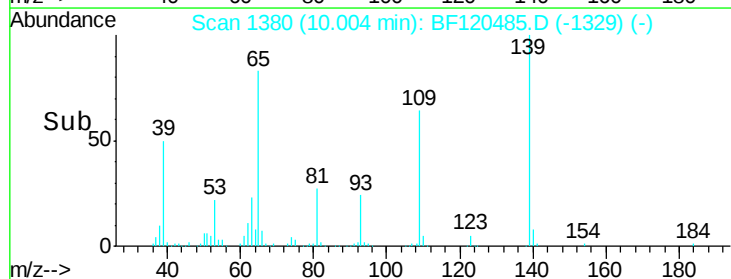
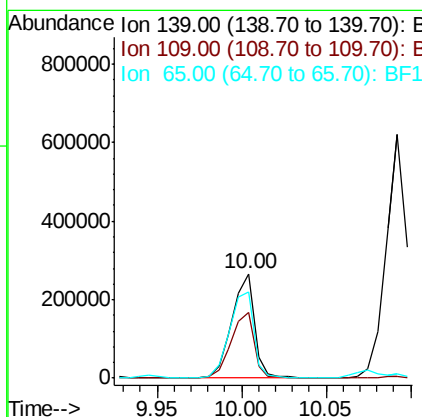
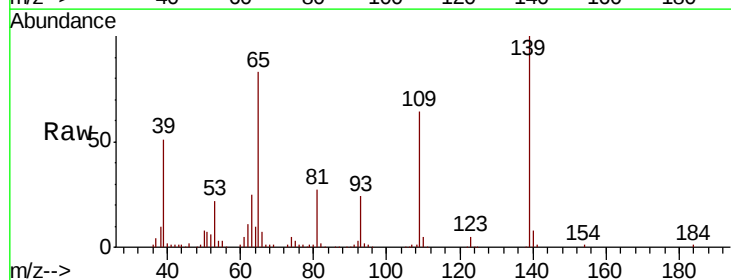
Instrument :
BNA_F
ClientSampleId :

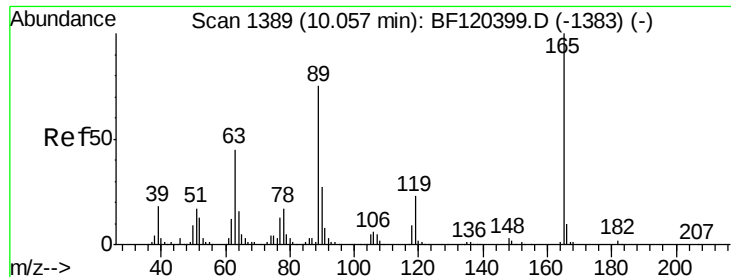
Tot Ion:168 Resp: 1455003
Ion Ratio Lower Upper
168 100
139 37.4 29.9 44.9
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 41.724 ng
RT: 10.00 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:139 Resp: 247742
Ion Ratio Lower Upper
139 100
109 63.6 43.6 83.6
65 82.9 62.9 102.9

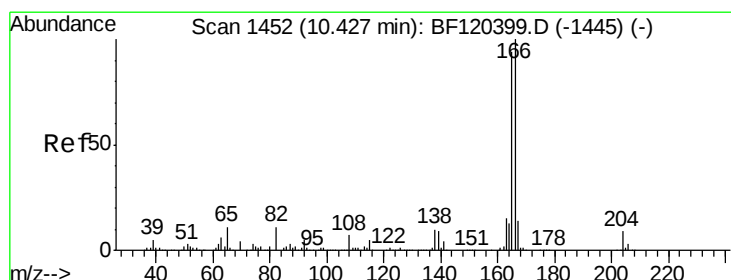
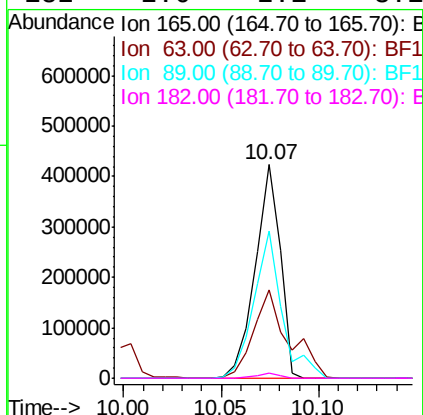
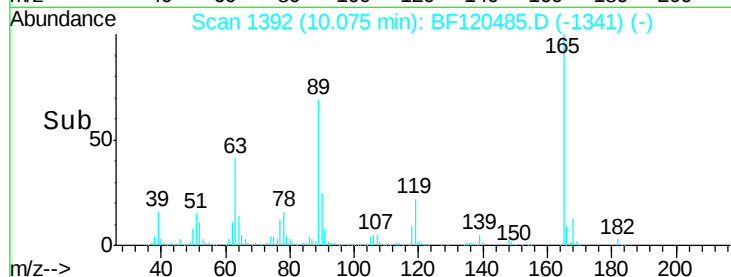
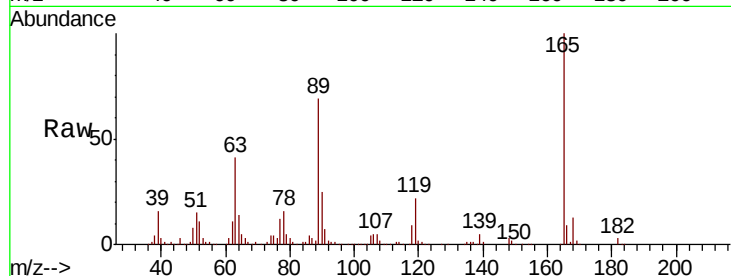




#57
2,4-Dinitrotoluene
Concen: 44.552 ng
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

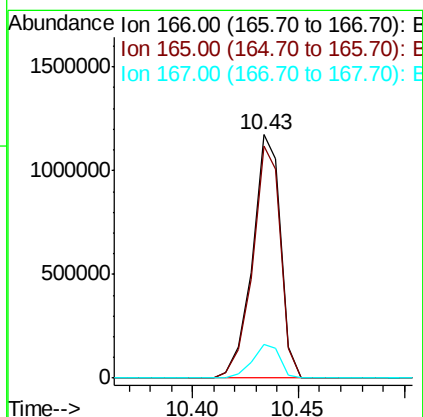
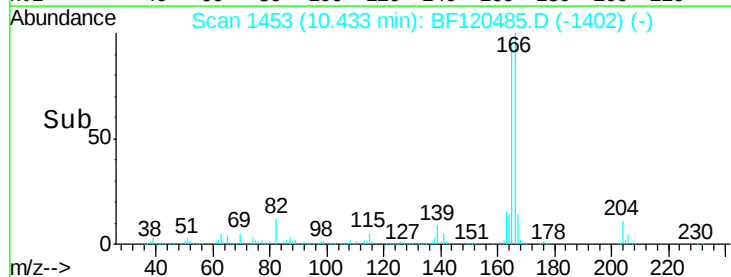
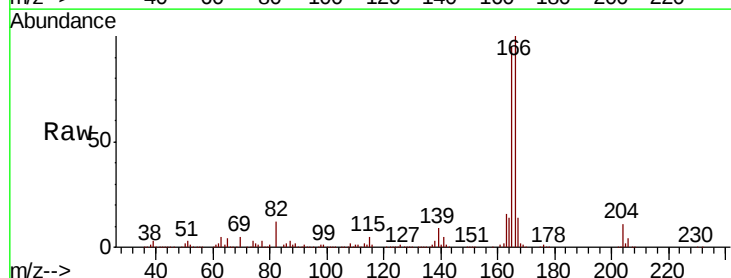
Instrument :
BNA_F
ClientSampleId :

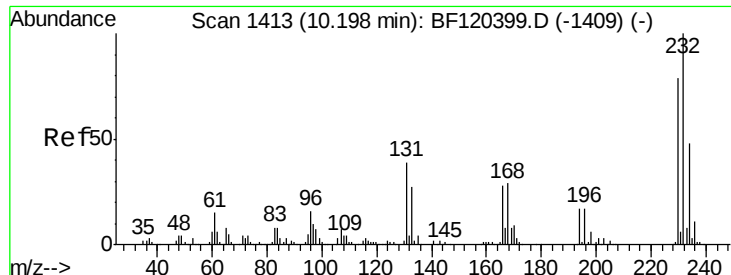
Tot Ion:165 Resp: 376586
Ion Ratio Lower Upper
165 100
63 41.4 33.1 49.7
89 68.7 55.0 82.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.042 ng
RT: 10.43 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:166 Resp: 1082968
Ion Ratio Lower Upper
166 100
165 95.2 76.2 114.2
167 14.0 11.2 16.8

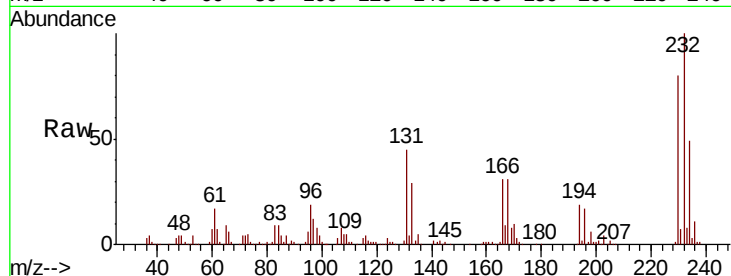




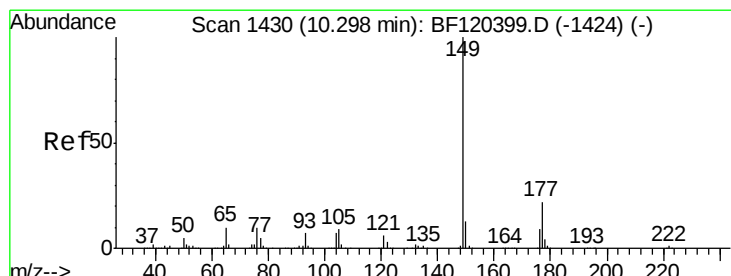
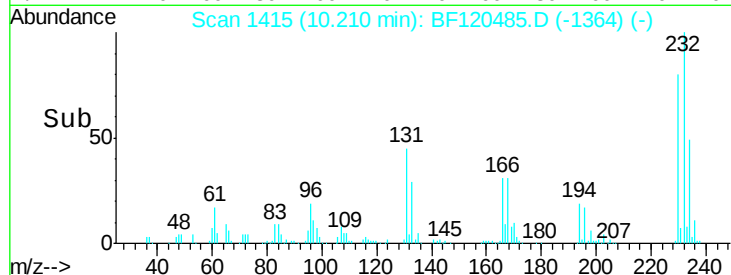
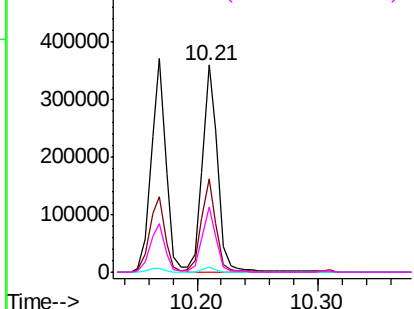
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.503 ng
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 315437
Ion Ratio Lower Upper
232 100
131 44.1 35.3 52.9
130 2.2 1.8 2.6
166 29.6 23.7 35.5

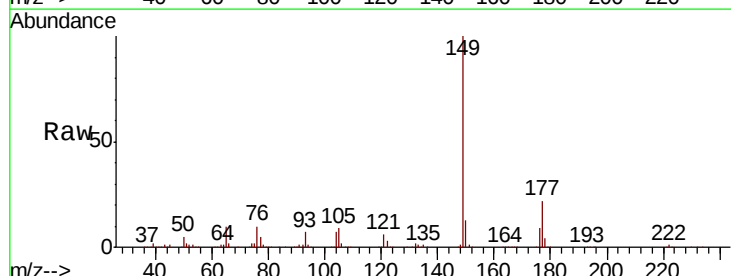


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

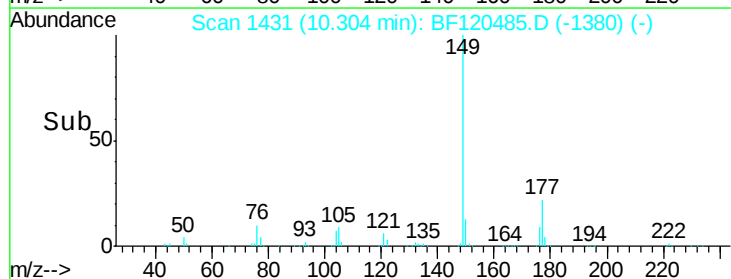
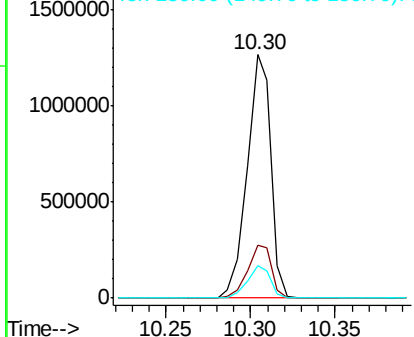


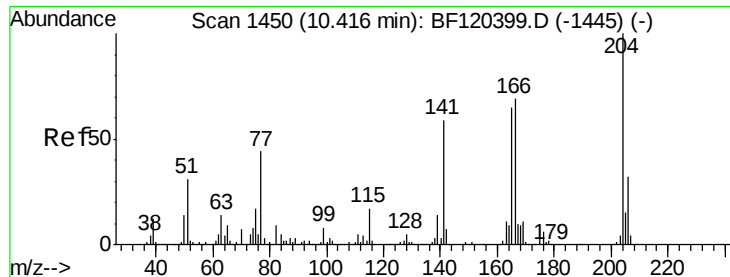
#60
Diethylphthalate
Concen: 41.339 ng
RT: 10.30 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:149 Resp: 1241508
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 13.2 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

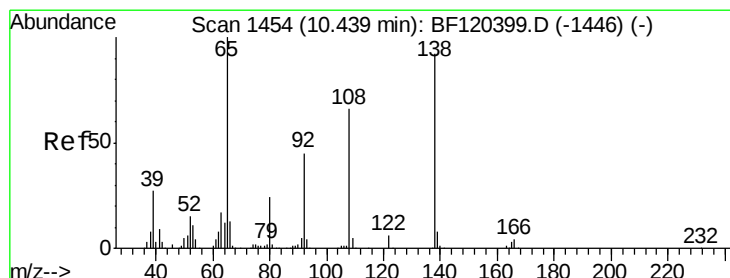
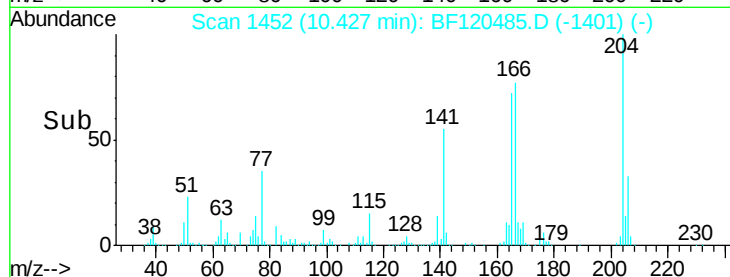
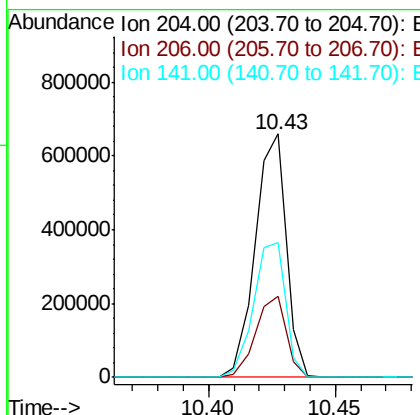
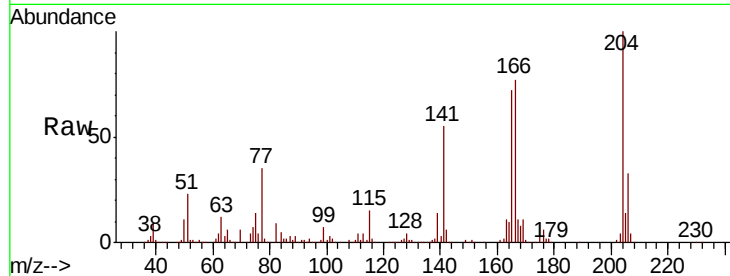




#61
 4-Chlorophenyl-phenylether
 Concen: 38.460 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

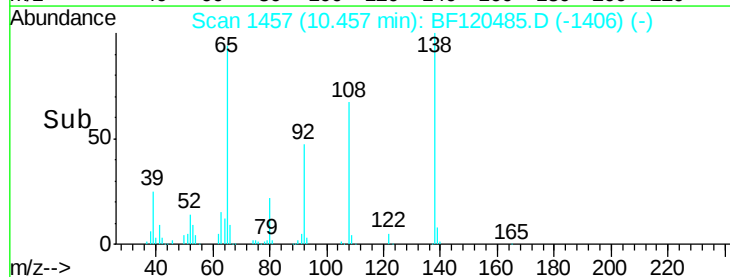
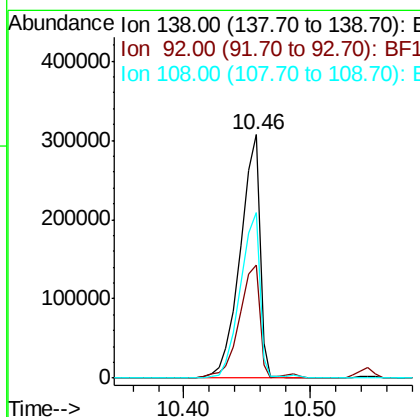
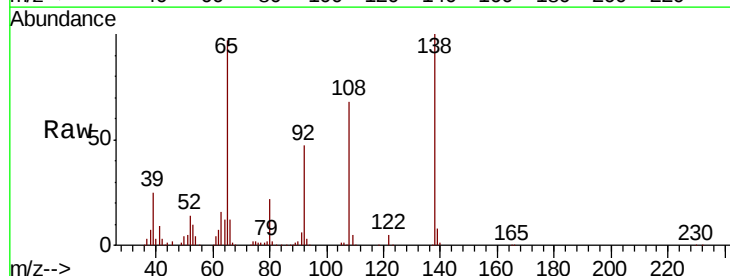
Instrument :
 BNA_F
 ClientSampled :

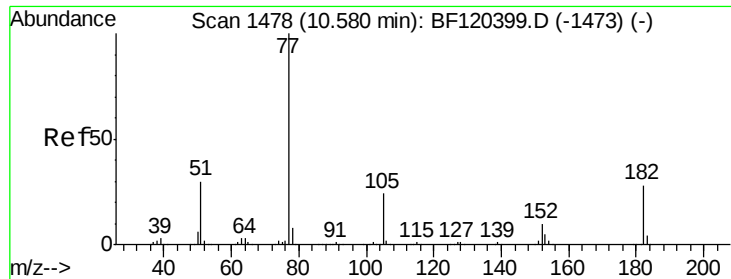
Tot Ion:204 Resp: 563942
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.8 40.2
 141 55.5 44.4 66.6



#62
 4-Nitroaniline
 Concen: 45.018 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:138 Resp: 329613
 Ion Ratio Lower Upper
 138 100
 92 46.5 26.5 66.5
 108 67.9 47.9 87.9

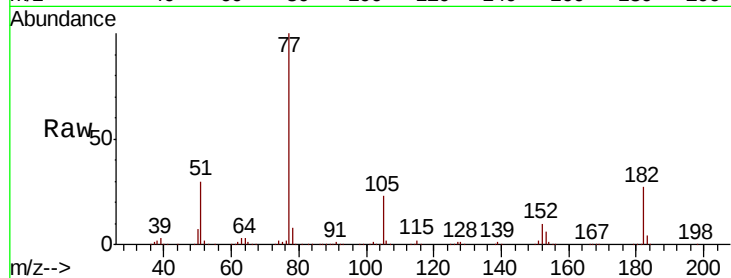




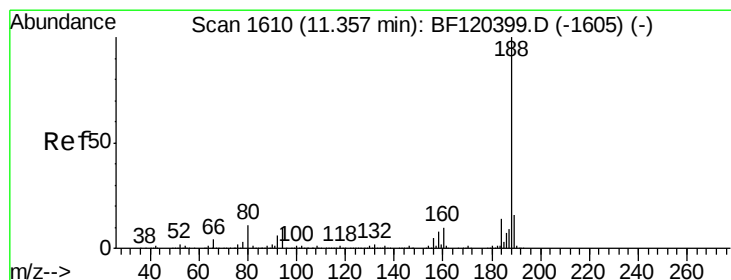
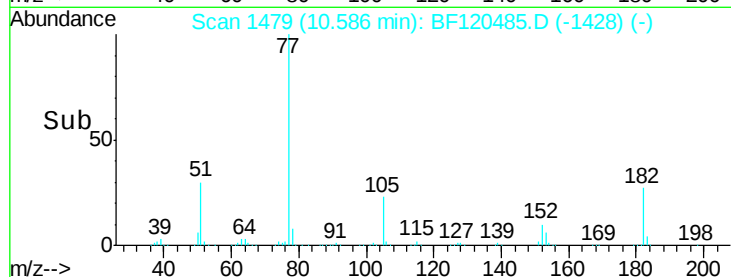
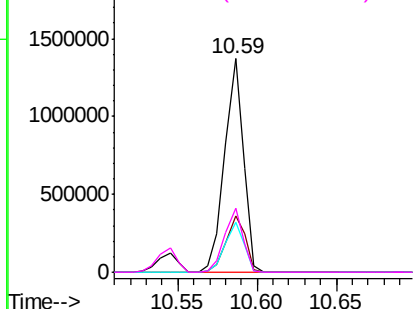
#63
Azobenzene
Concen: 39.935 ng
RT: 10.59 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1128128
Ion Ratio Lower Upper
77 100
182 26.6 6.6 46.6
105 23.5 3.5 43.5
51 30.2 10.2 50.2

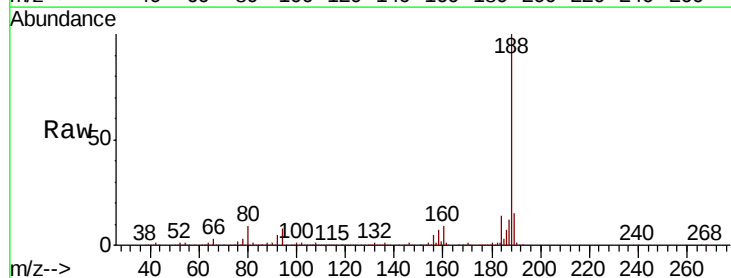


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

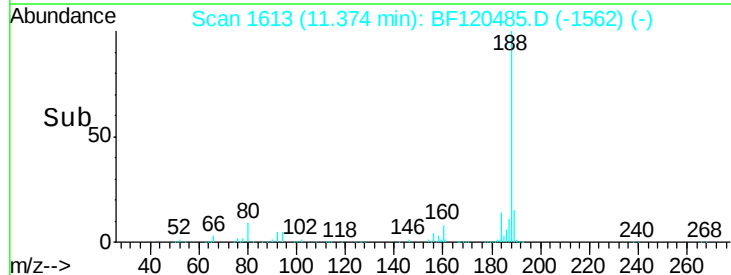
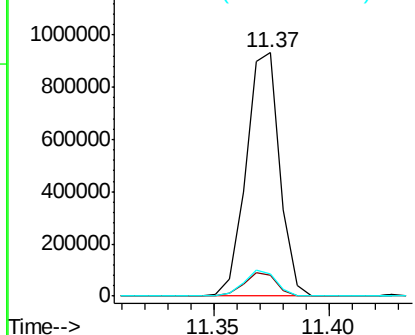


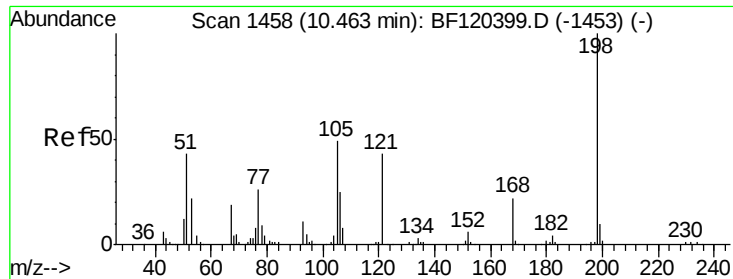
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion: 188 Resp: 943959
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.9 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 55.689 ng

RT: 10.49 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

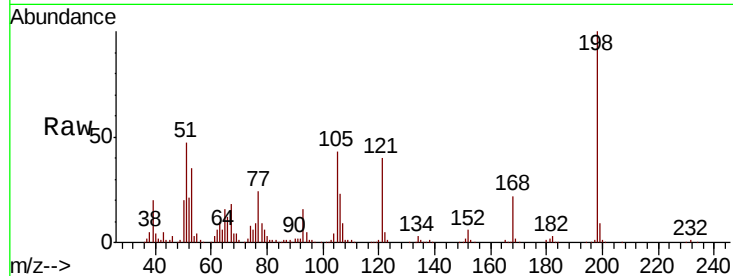
Tot Ion:198 Resp: 191741

Ion Ratio Lower Upper

198 100

51 46.7 26.7 66.7

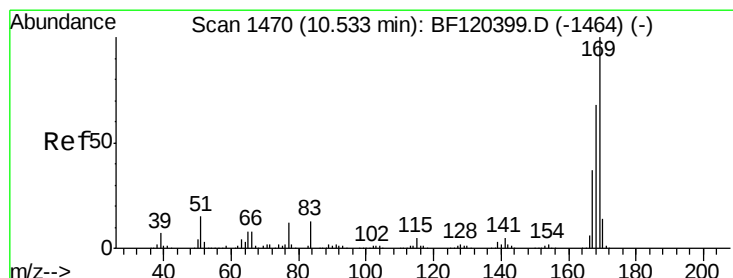
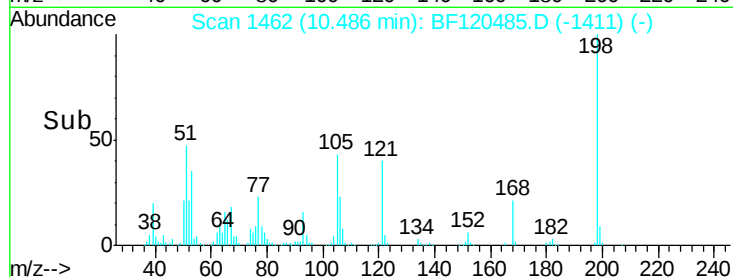
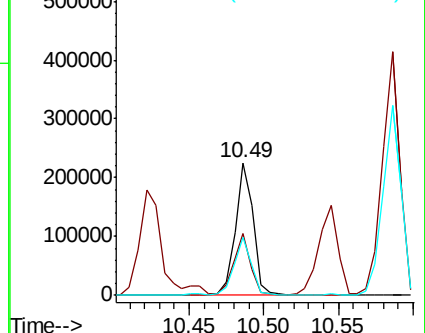
105 43.5 23.5 63.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.539 ng

RT: 10.55 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

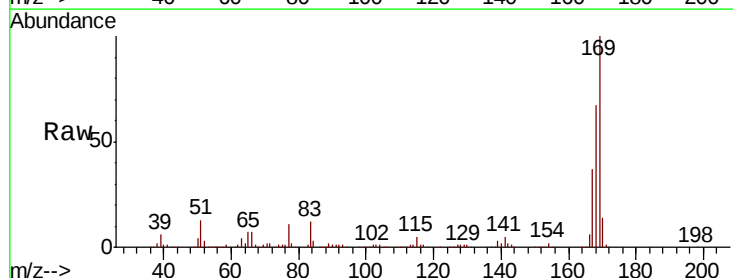
Tgt Ion:169 Resp: 1036767

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.8

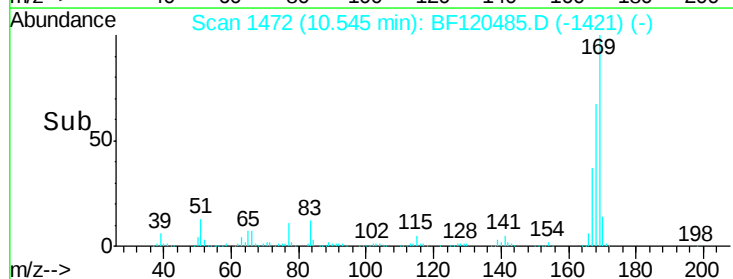
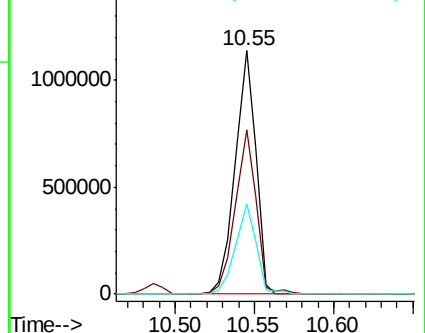
167 37.2 29.8 44.6

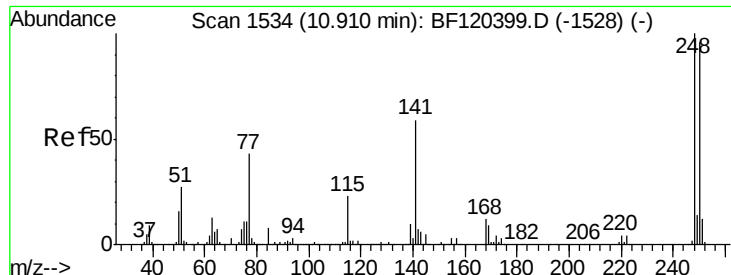


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

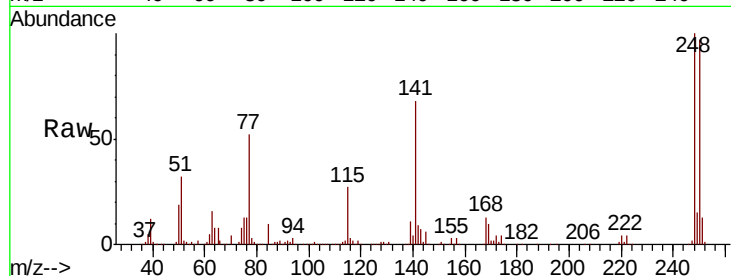




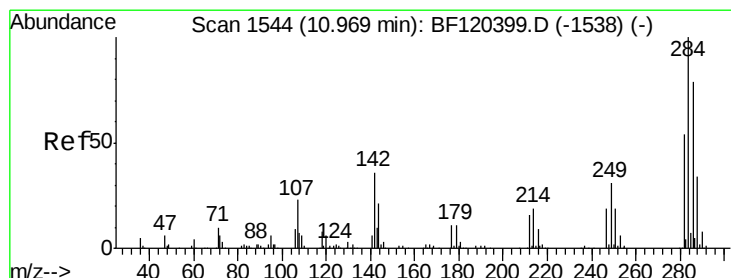
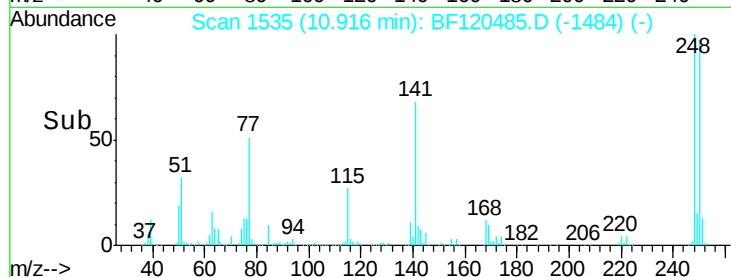
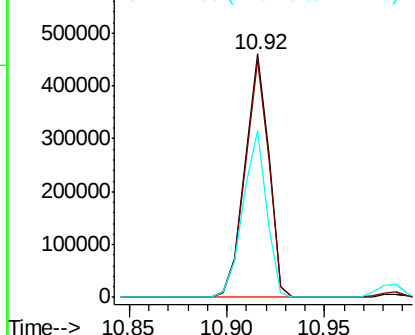
#67
 4-Bromophenyl-phenylether
 Concen: 40.996 ng
 RT: 10.92 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 390634
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.8 116.6
 141 68.5 54.8 82.2

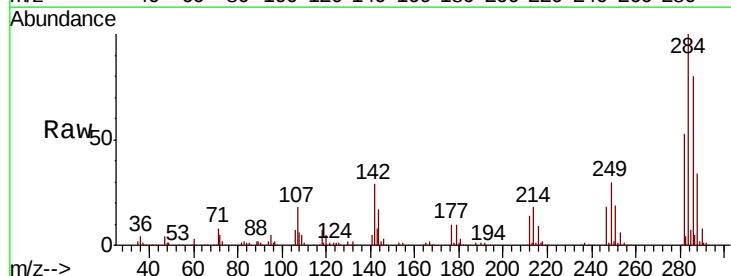


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

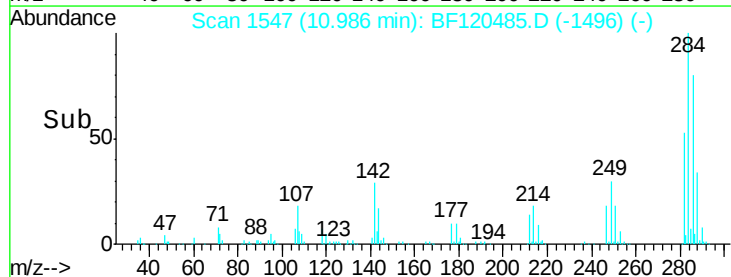
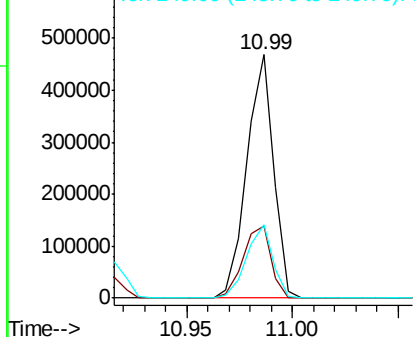


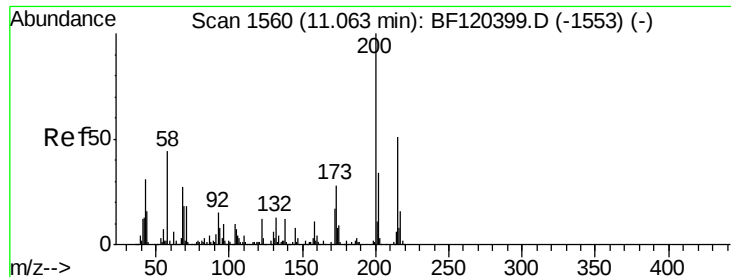
#68
 Hexachlorobenzene
 Concen: 40.629 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:284 Resp: 412279
 Ion Ratio Lower Upper
 284 100
 142 29.4 23.5 35.3
 249 29.9 23.9 35.9



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

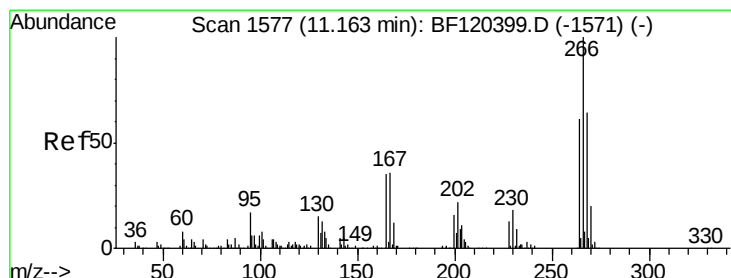
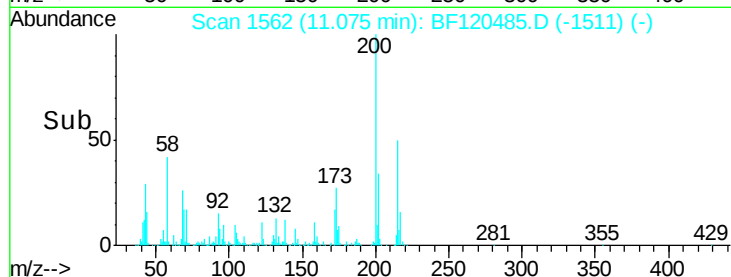
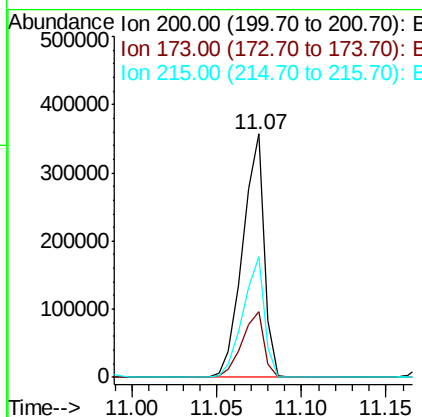
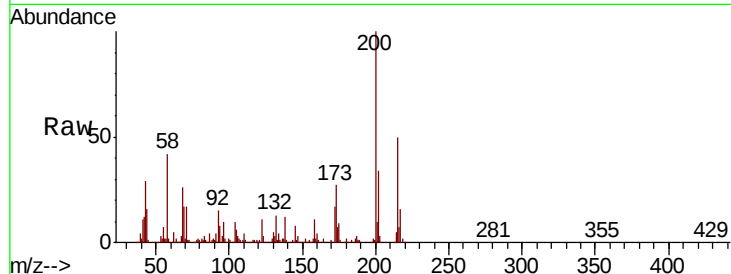




#69
Atrazine
Concen: 43.002 ng
RT: 11.07 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

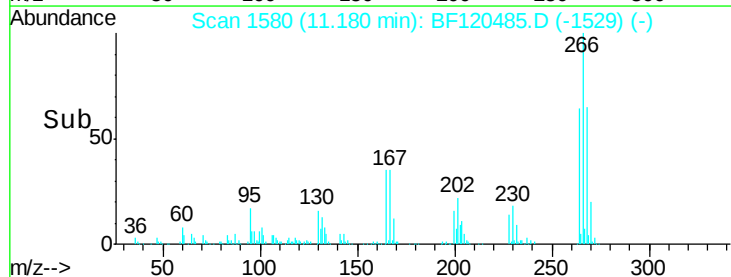
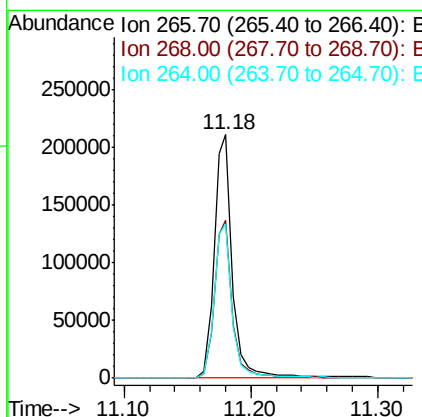
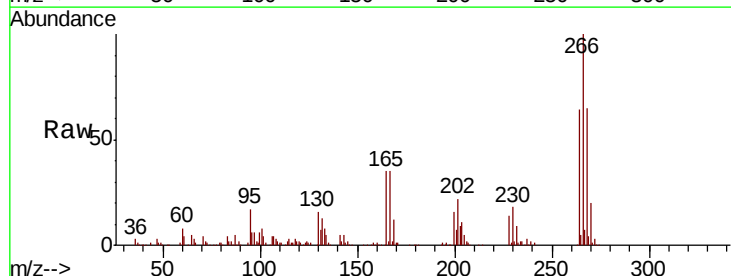
Instrument :
BNA_F
ClientSampleId :

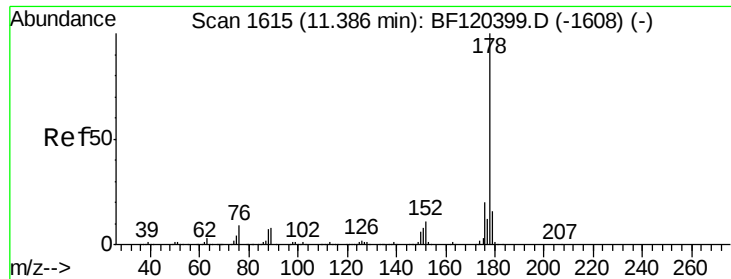
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.2	47.2
215	49.7	29.7	69.7



#70
Pentachlorophenol
Concen: 34.378 ng
RT: 11.18 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.8	77.6
264	63.5	50.8	76.2

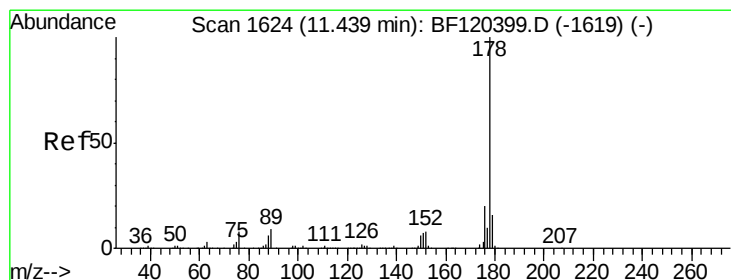
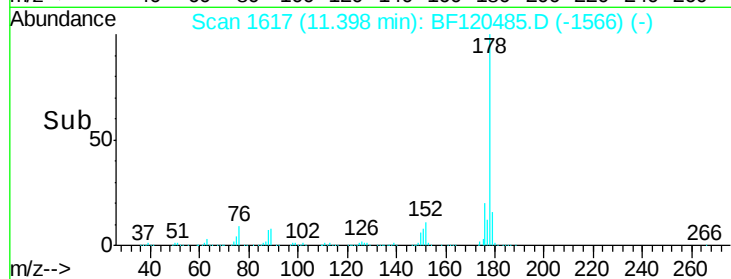
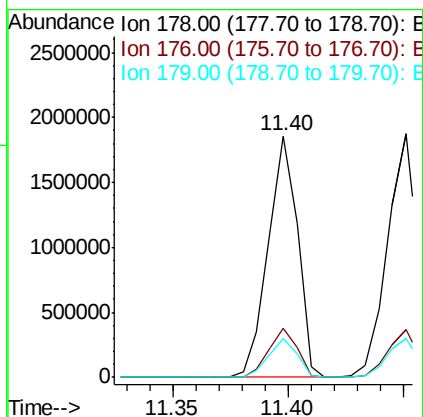
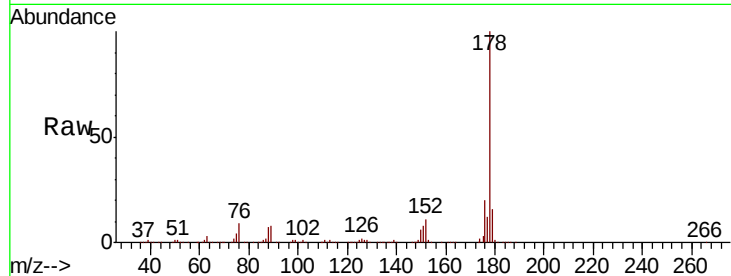




#71
Phenanthrene
Concen: 39.678 ng
RT: 11.40 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

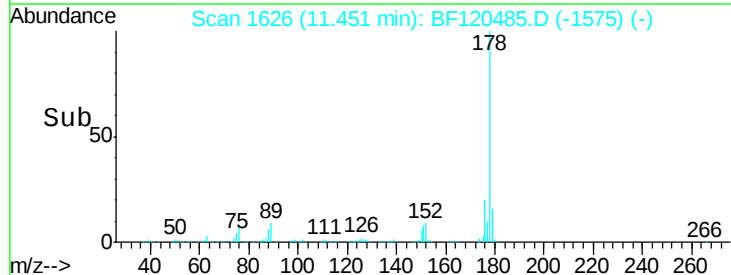
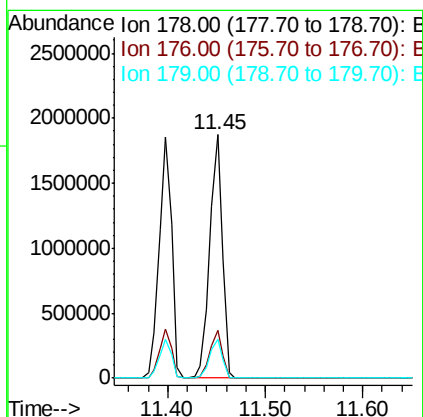
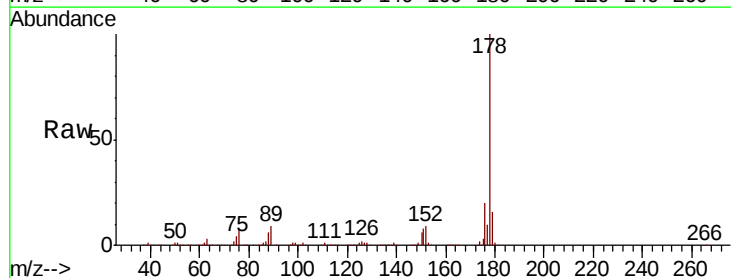
Instrument :
BNA_F
ClientSampleId :

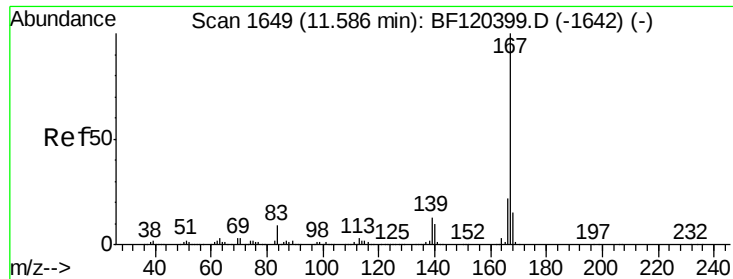
Tot Ion:178 Resp: 1650347
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.0 12.8 19.2



#72
Anthracene
Concen: 40.632 ng
RT: 11.45 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF120485.D
Acq: 2 Jun 2020 10:39

Tgt Ion:178 Resp: 1695677
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.9 12.7 19.1



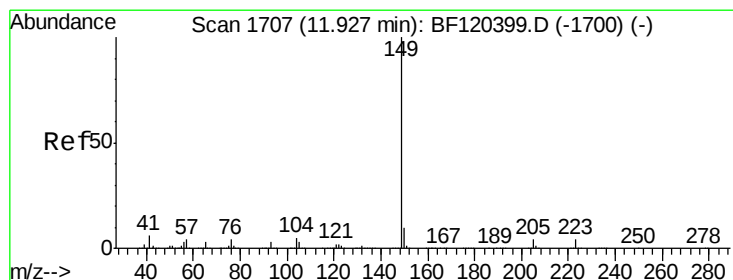
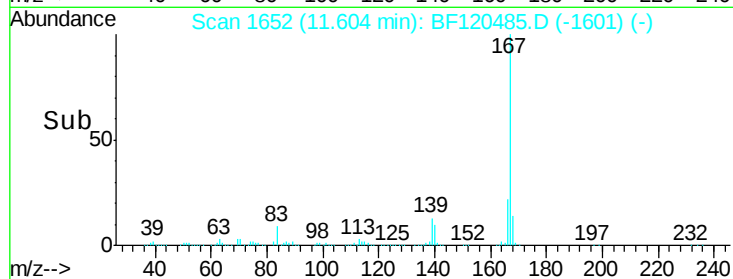
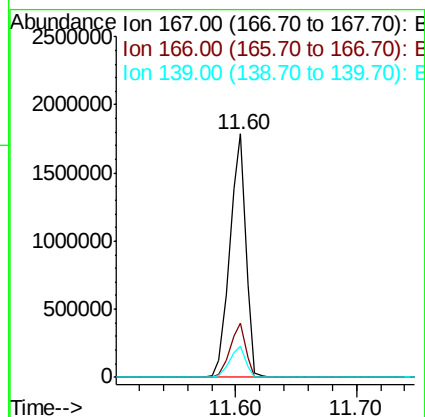
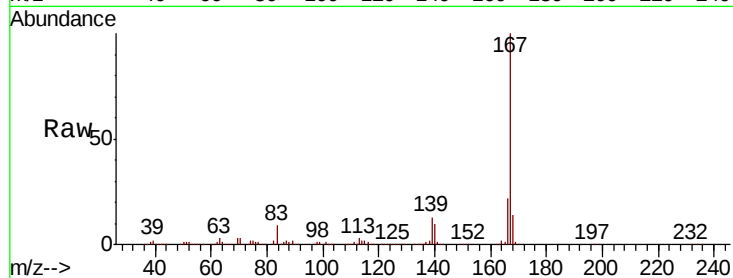


#73
 Carbazole
 Concen: 40.645 ng
 RT: 11.60 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1640638

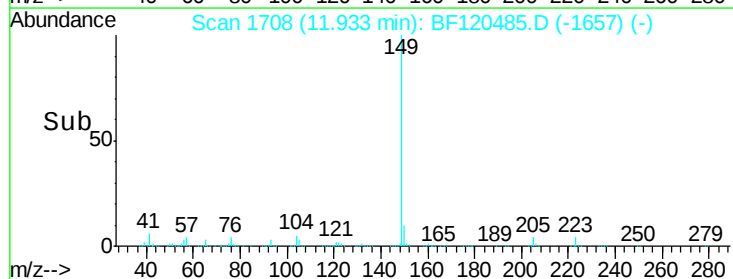
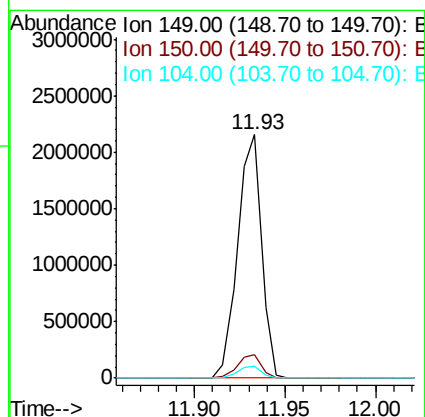
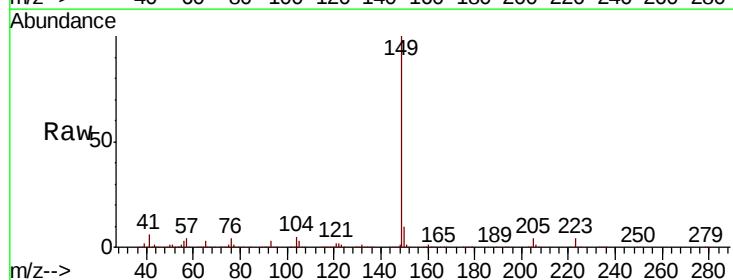
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	12.9	10.3	15.5

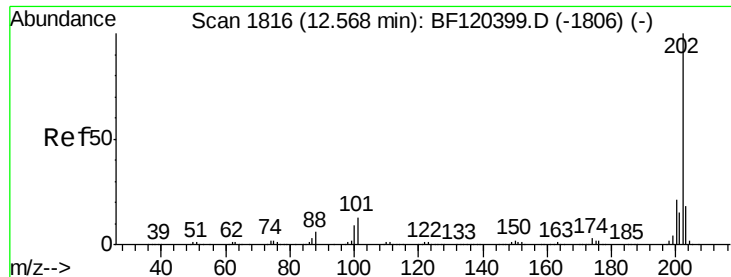


#74
 Di-n-butylphthalate
 Concen: 42.000 ng
 RT: 11.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:149 Resp: 1972119

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.7	3.8	5.6

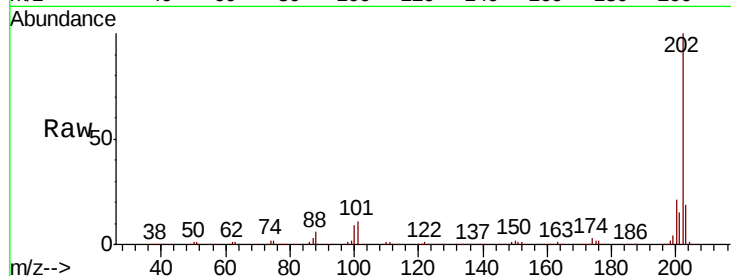




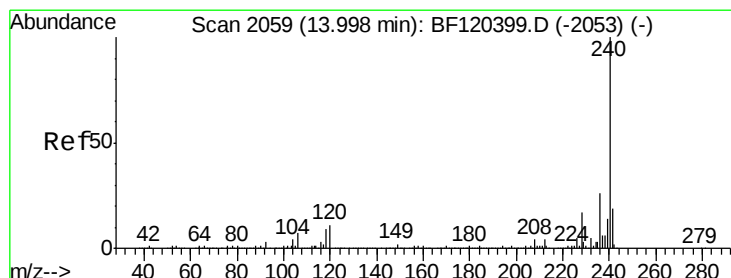
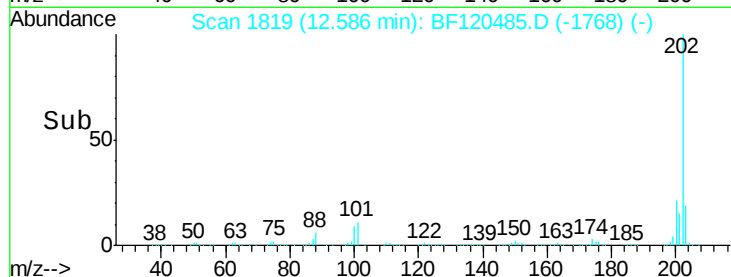
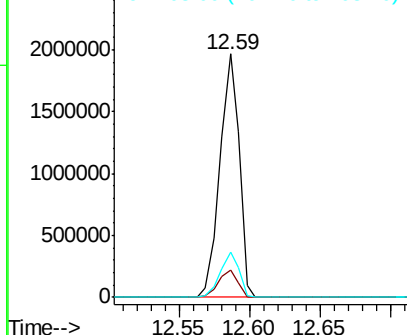
#75
 Fluoranthene
 Concen: 41.551 ng
 RT: 12.59 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1859644
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.4
 203 18.8 0.0 38.8

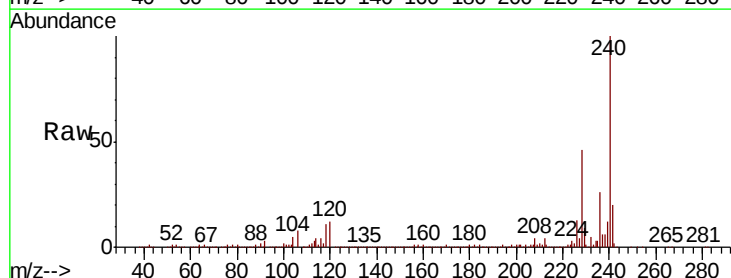


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

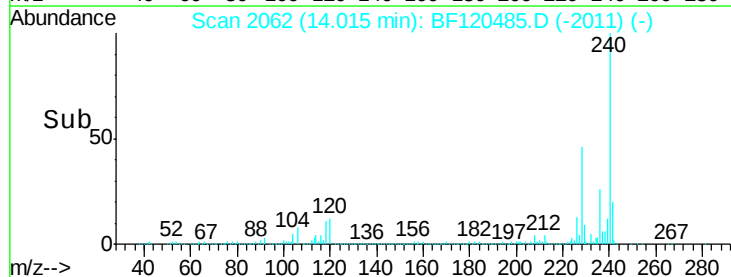
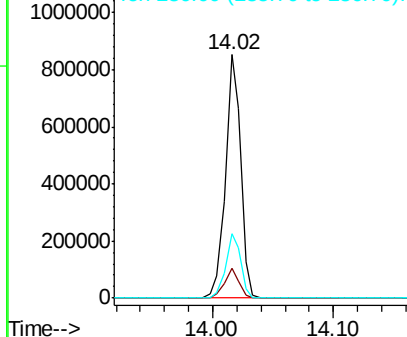


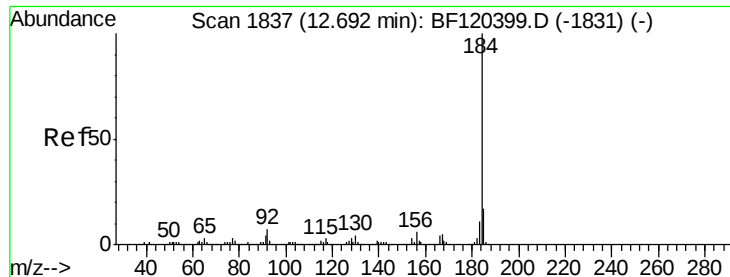
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BF120485.D
 Acq: 2 Jun 2020 10:39

Tgt Ion:240 Resp: 740389
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.9 14.9
 236 26.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.867 ng

RT: 12.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

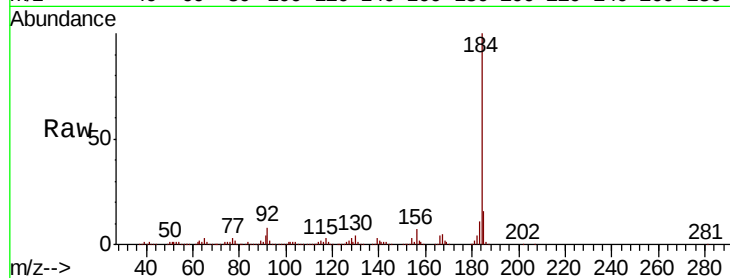
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 833912

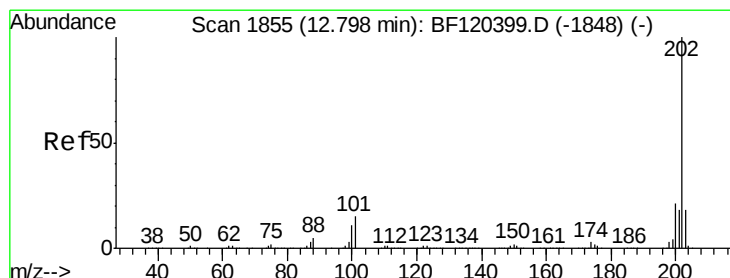
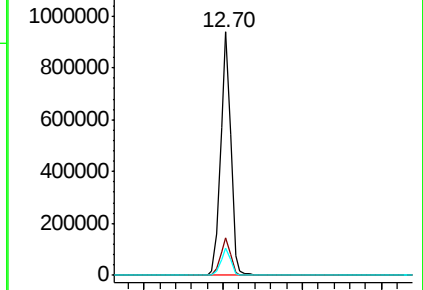
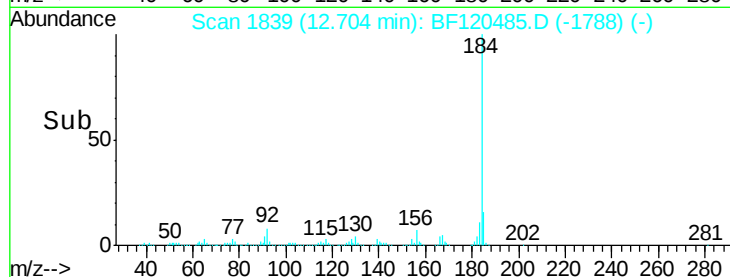
Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	11.2	9.0	13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.265 ng

RT: 12.82 min Scan# 1858

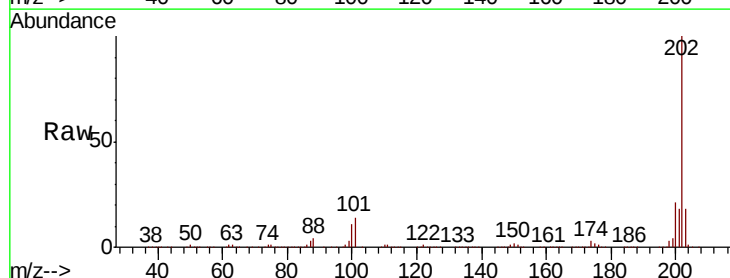
Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Tgt Ion:202 Resp: 1918772

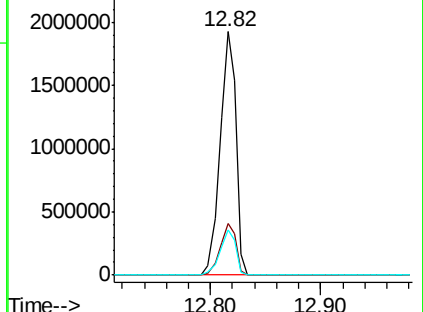
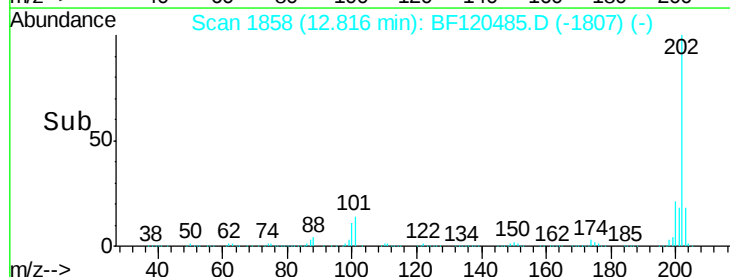
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	18.3	14.6	22.0

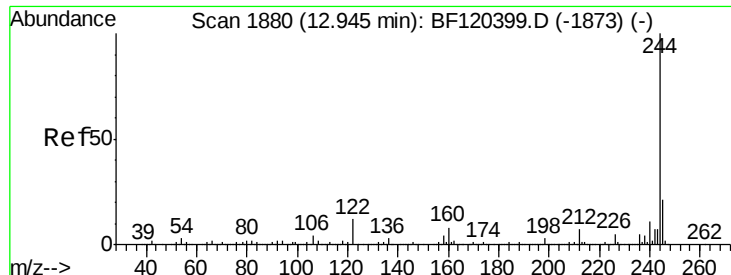


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.577 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

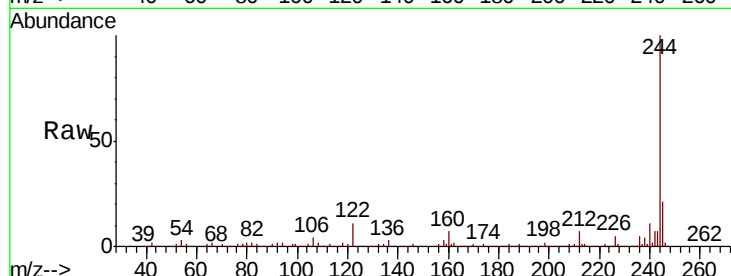
Tot Ion:244 Resp: 2381529

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

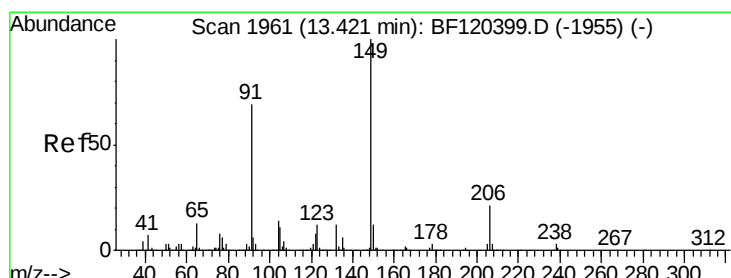
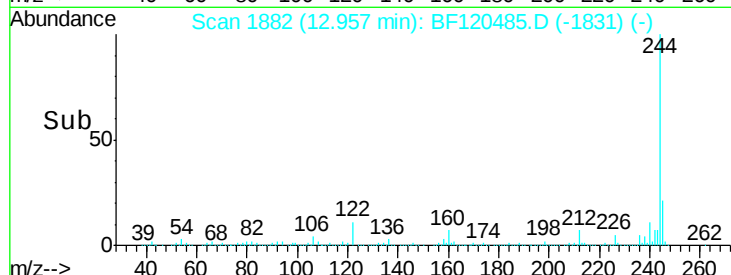
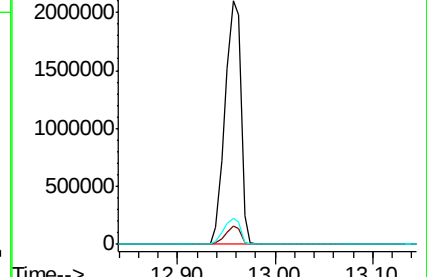
122 10.9 8.7 13.1



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: 41.287 ng

RT: 13.43 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

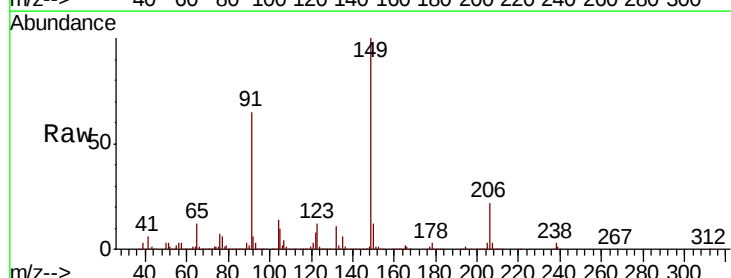
Tgt Ion:149 Resp: 887500

Ion Ratio Lower Upper

149 100

91 65.2 52.2 78.2

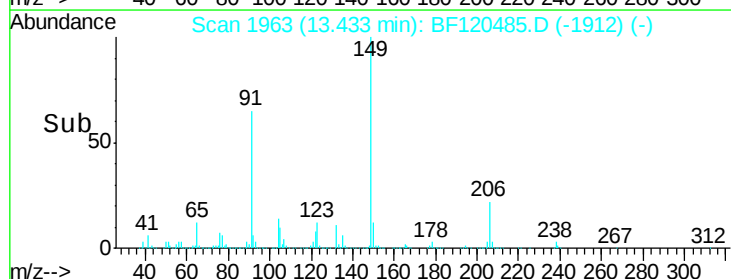
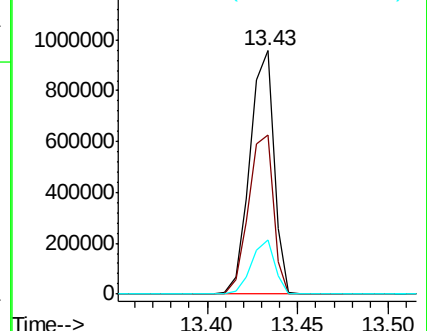
206 22.5 18.0 27.0

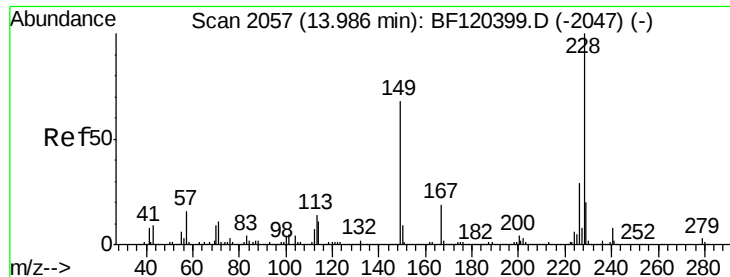


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.027 ng

RT: 14.00 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

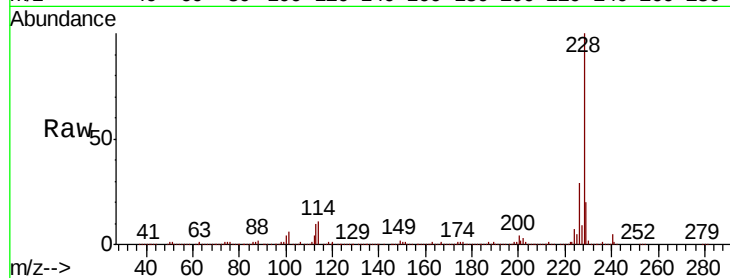
Tot Ion:228 Resp: 1627966

Ion Ratio Lower Upper

228 100

226 28.6 22.9 34.3

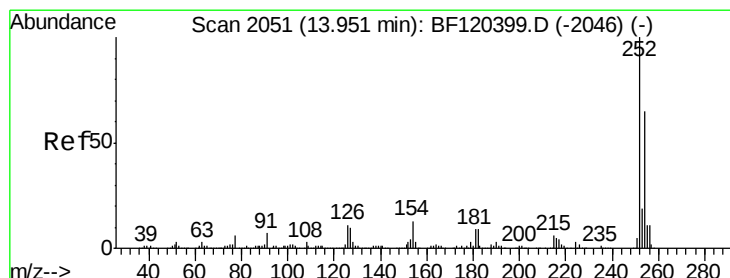
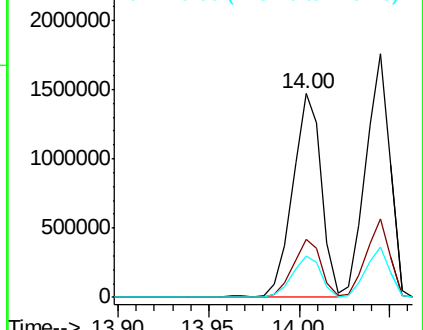
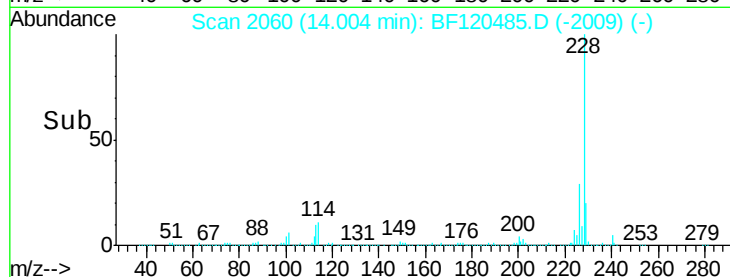
229 20.4 16.3 24.5



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: 44.330 ng

RT: 13.97 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

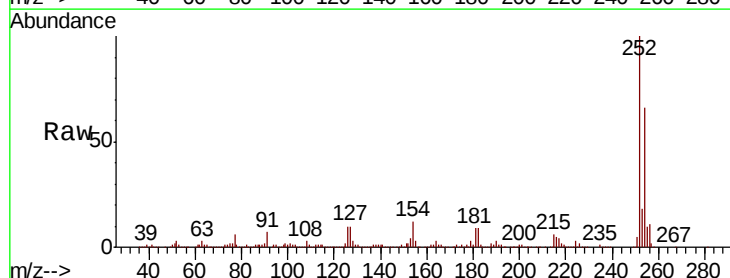
Tgt Ion:252 Resp: 638626

Ion Ratio Lower Upper

252 100

254 66.1 52.9 79.3

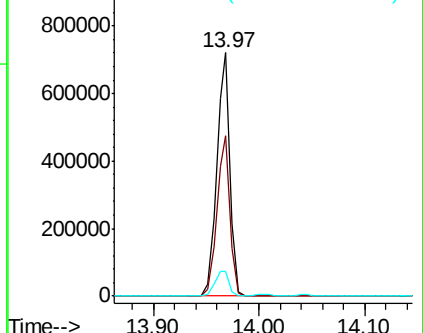
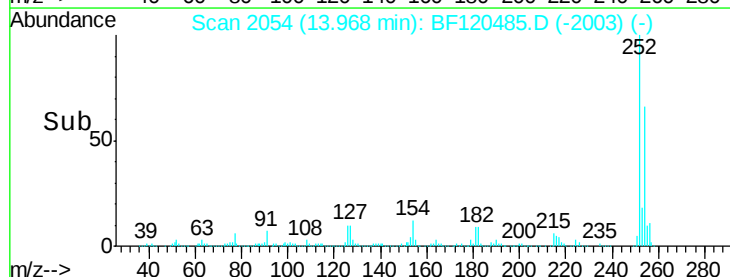
126 10.3 8.2 12.4

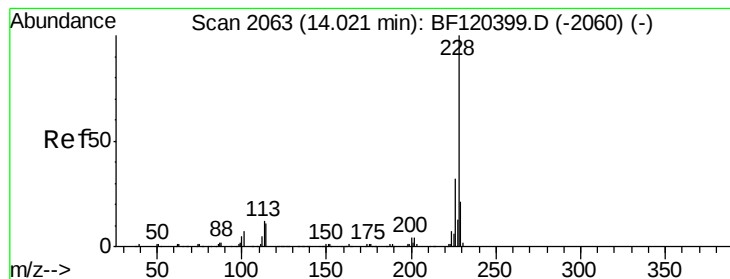


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.155 ng

RT: 14.04 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

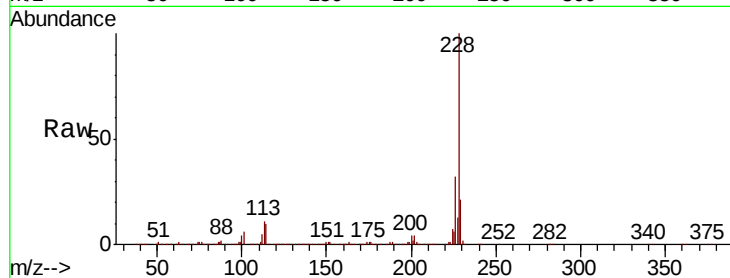
Tot Ion:228 Resp: 1628860

Ion Ratio Lower Upper

228 100

226 32.1 25.7 38.5

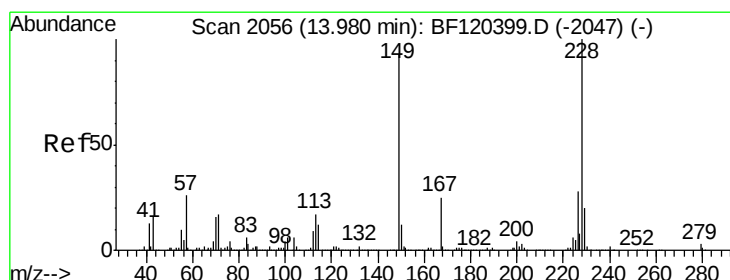
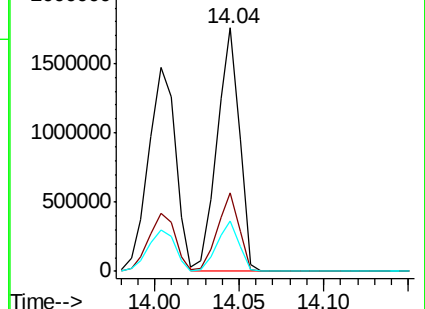
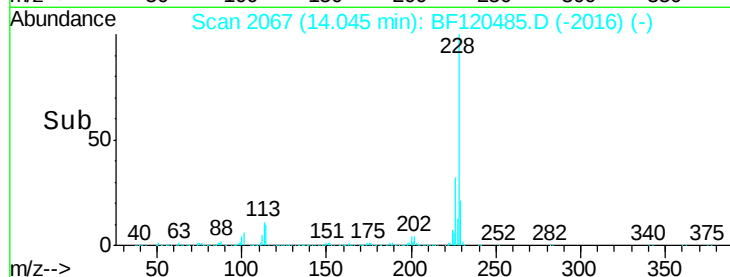
229 20.5 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.001 ng

RT: 13.99 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

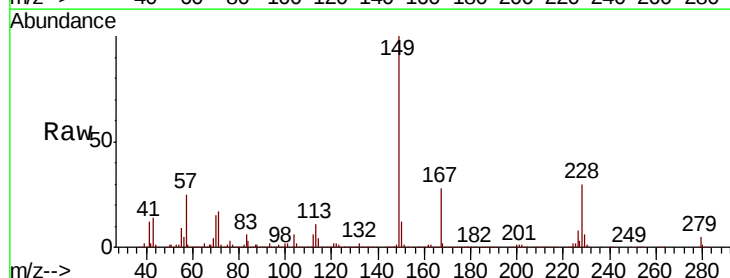
Tgt Ion:149 Resp: 1185992

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

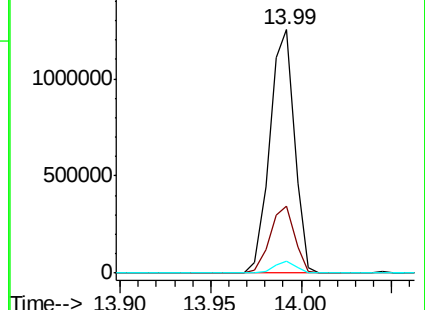
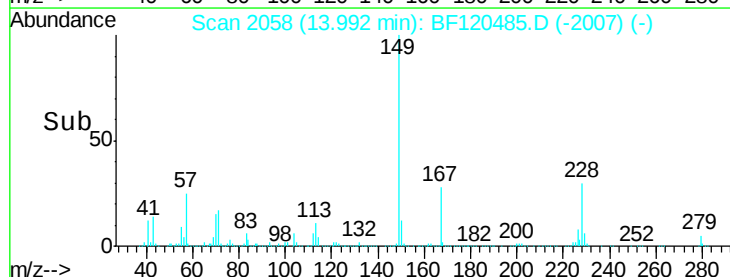
279 4.7 3.8 5.6

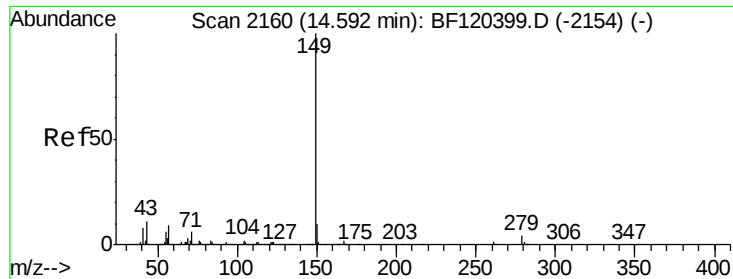


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.918 ng

RT: 14.60 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

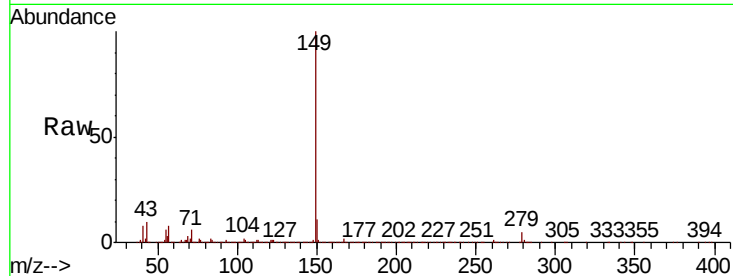
Tot Ion:149 Resp: 2048503

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

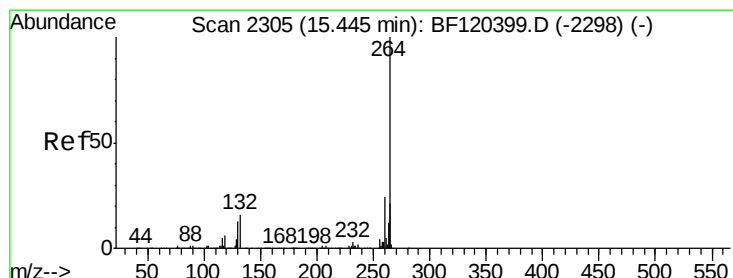
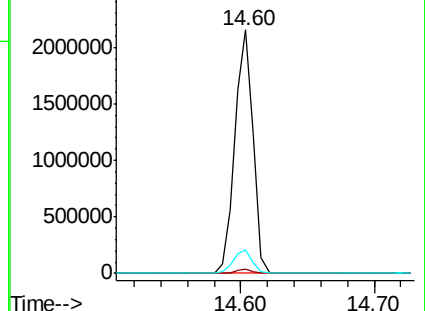
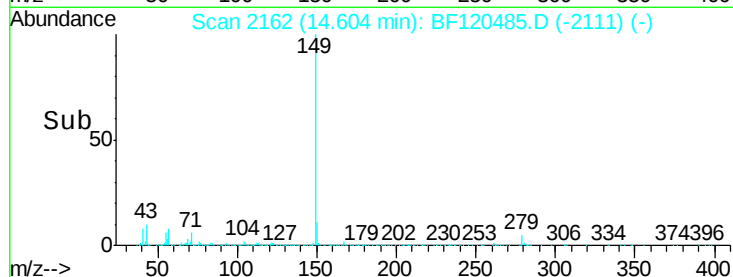
43 9.7 7.8 11.6



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): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

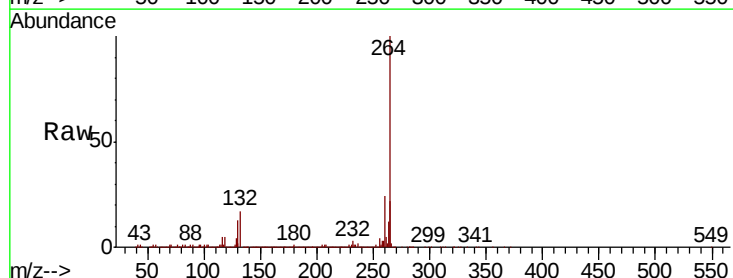
Tgt Ion:264 Resp: 755977

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

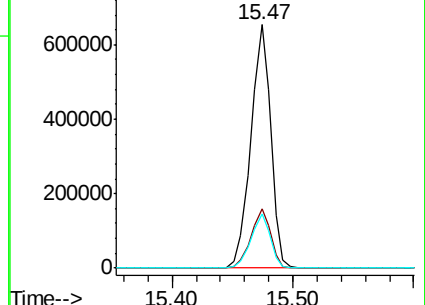
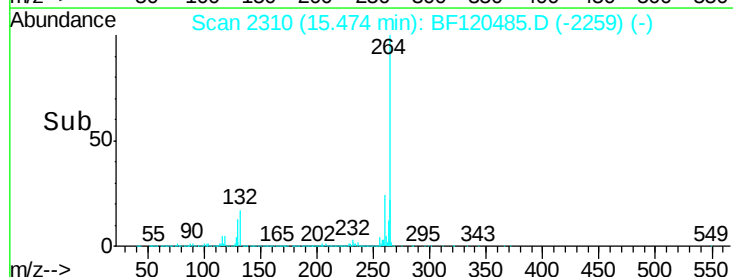
265 22.0 17.6 26.4

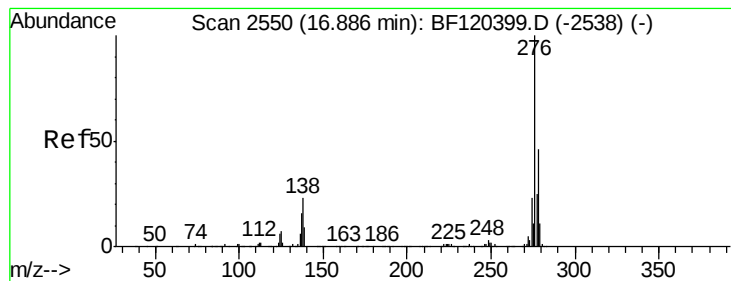


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.012 ng

RT: 16.94 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

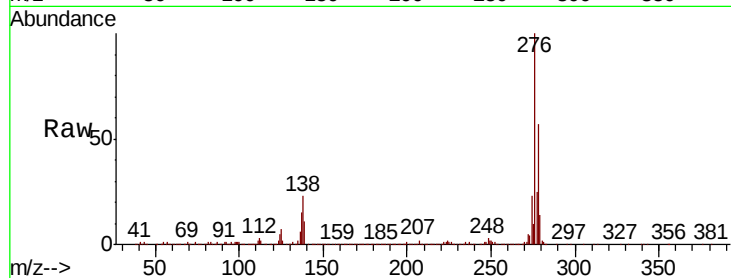
Tot Ion:276 Resp: 1571705

Ion Ratio Lower Upper

276 100

138 24.1 19.3 28.9

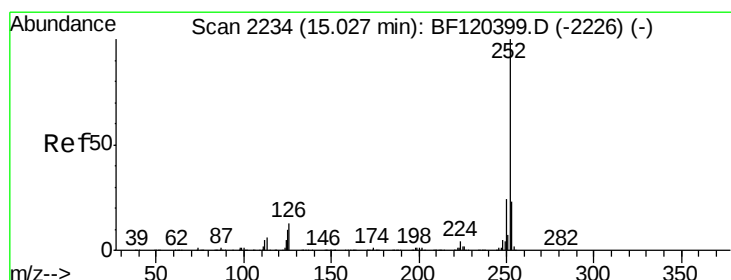
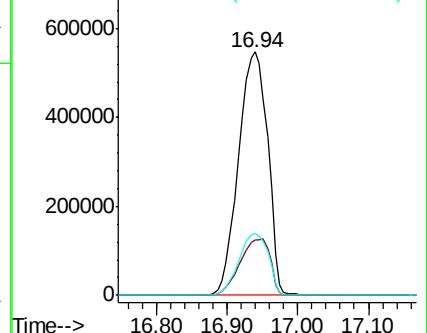
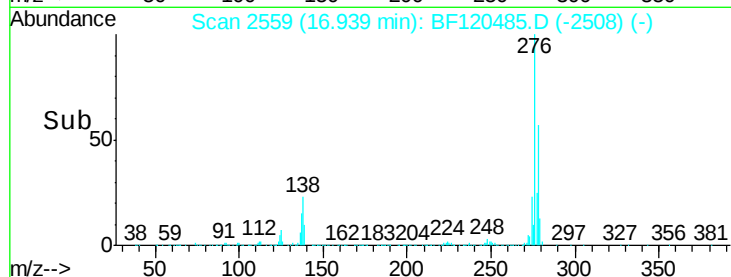
277 25.9 20.7 31.1



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: 41.746 ng

RT: 15.05 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

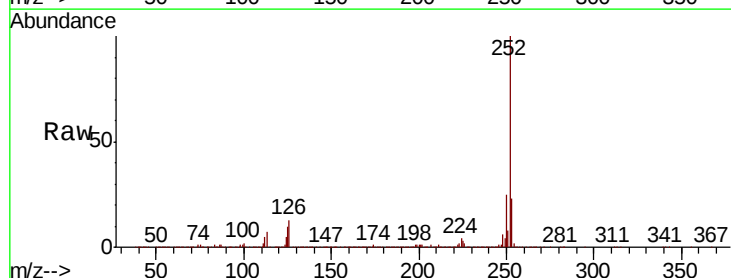
Tgt Ion:252 Resp: 1752902

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

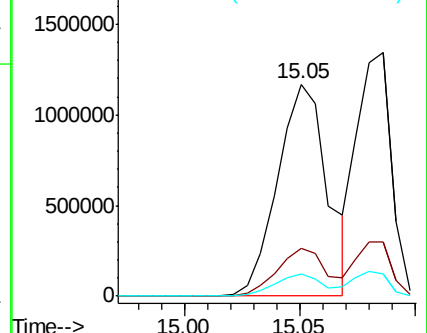
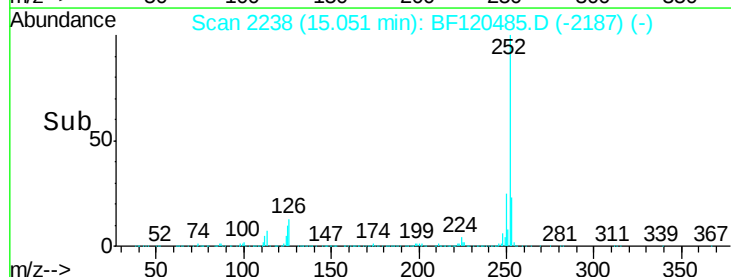
125 10.3 8.2 12.4

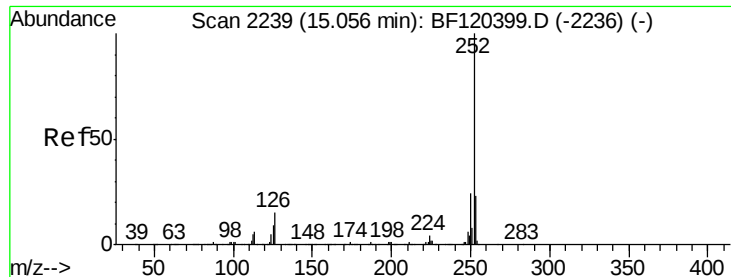


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 35.604 ng

RT: 15.09 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampleId :

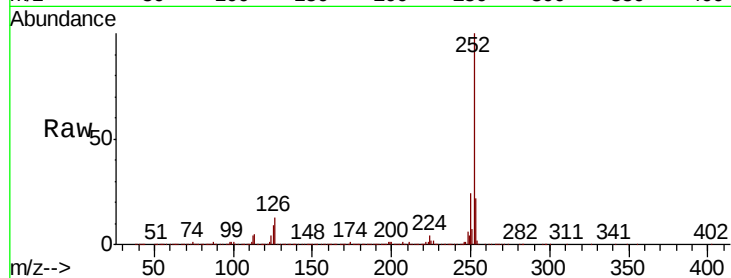
Tot Ion:252 Resp: 1395644

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

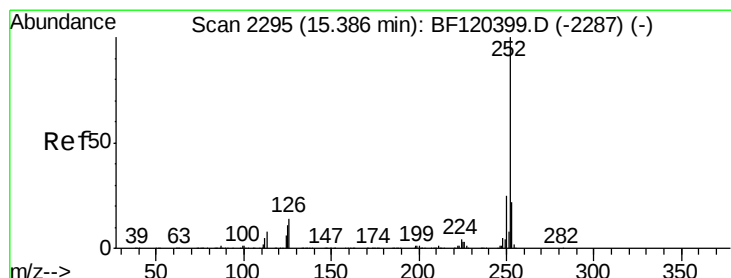
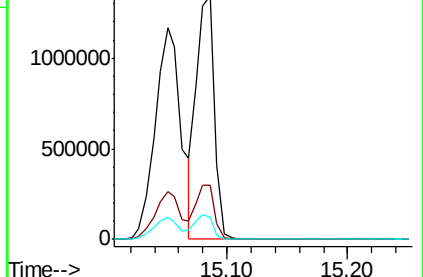
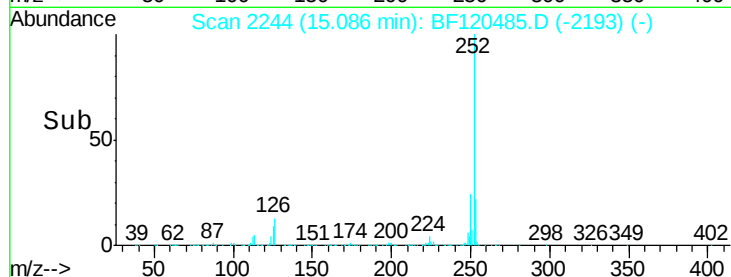
125 8.9 7.1 10.7



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: 39.616 ng

RT: 15.42 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

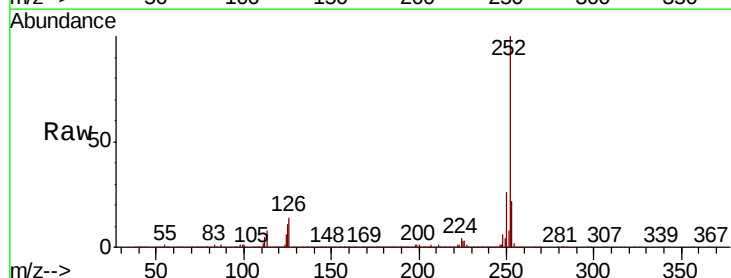
Tgt Ion:252 Resp: 1455033

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

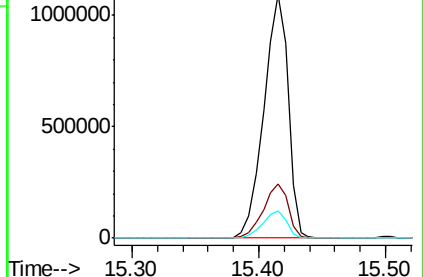
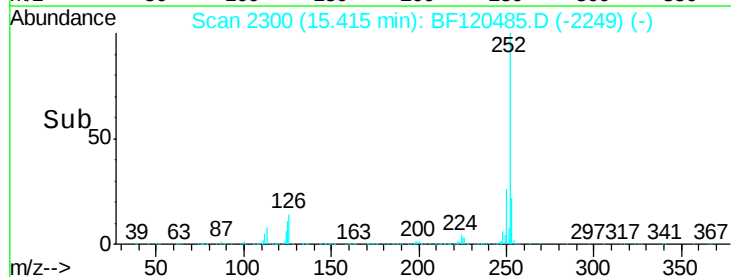
125 11.2 9.0 13.4

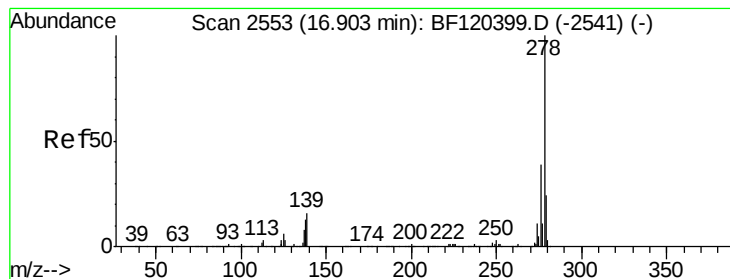


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.452 ng

RT: 16.96 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

Instrument :

BNA_F

ClientSampled :

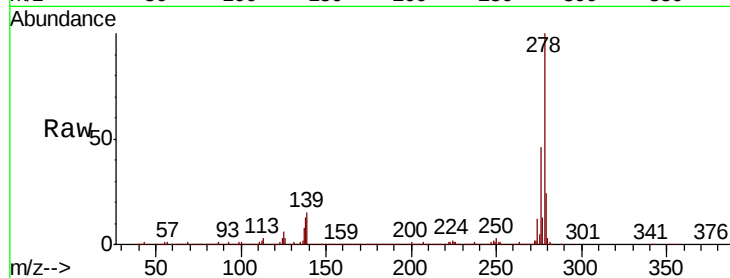
Tot Ion:278 Resp: 1296234

Ion Ratio Lower Upper

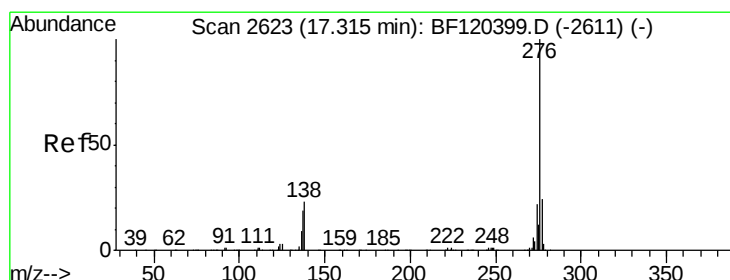
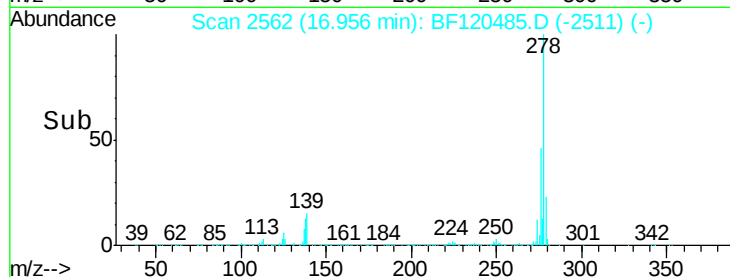
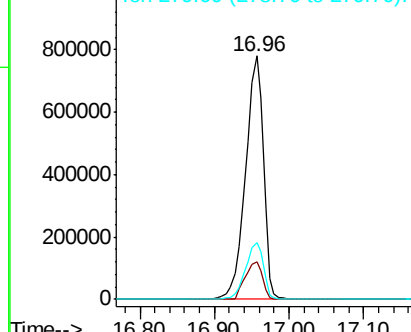
278 100

139 15.3 12.2 18.4

279 23.5 18.8 28.2



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: 38.019 ng

RT: 17.38 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BF120485.D

Acq: 2 Jun 2020 10:39

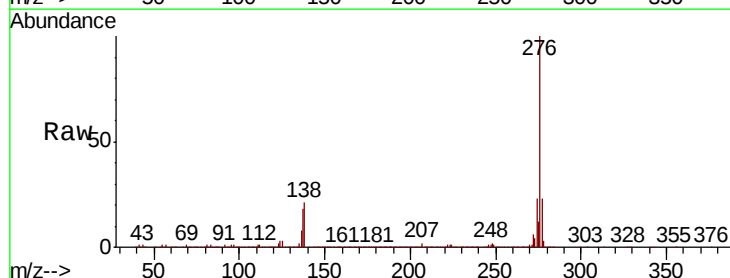
Tgt Ion:276 Resp: 1264043

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.0 16.8 25.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

