

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120745.D
 Acq On : 29 Jun 2020 23:29
 Operator : JU/CG
 Sample : L2810-16MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Manual Integrations
 APPROVED

mohammad
 6/30/2020 4:15:01 PM

Quant Time: Jun 30 03:14:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115691	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	425066	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	112290	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	209372	20.00	ng	0.01
76) Chrysene-d12	13.96	240	158002	20.00	ng	0.00
86) Perylene-d12	15.41	264	166980	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	629569	93.30	ng	0.08
7) Phenol-d6	6.51	99	745042	88.65	ng	0.08
23) Nitrobenzene-d5	7.37	82	672856	88.48	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	170715	130.76	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	730710	99.56	ng	0.00
79) Terphenyl-d14	12.90	244	801359	112.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	96799	30.266	ng	# 86
3) Pyridine	3.35	79	190131	21.147	ng	99
4) n-Nitrosodimethylamine	3.27	42	123562	33.116	ng	95
6) Aniline	6.47	93	225460	20.961	ng	99
8) 2-Chlorophenol	6.61	128	409393	53.688	ng	93
9) Benzaldehyde	6.35	77	59811	11.251	ng	94
10) Phenol	6.52	94	287667	32.080	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	297487	39.829	ng	99
12) 1,3-Dichlorobenzene	6.74	146	345462	42.615	ng	98
13) 1,4-Dichlorobenzene	6.82	146	371810	46.486	ng	99
14) 1,2-Dichlorobenzene	6.97	146	325046	41.719	ng	97
15) Benzyl Alcohol	6.96	79	256193	42.984	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	492146	45.761	ng	98
17) 2-Methylphenol	7.10	107	268121	41.226	ng	97
18) Hexachloroethane	7.30	117	116822	39.638	ng	90
19) n-Nitroso-di-n-propylamine	7.22	70	233554	47.907	ng	98
20) 3+4-Methylphenols	7.26	107	363570	44.736	ng	# 61
22) Acetophenone	7.21	105	457335	48.125	ng	# 92
24) Nitrobenzene	7.39	77	351538	44.175	ng	98
25) Isophorone	7.63	82	629570	42.501	ng	98
26) 2-Nitrophenol	7.70	139	176470	41.917	ng	91
27) 2,4-Dimethylphenol	7.76	122	279676	45.118	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	393250	45.797	ng	100
29) 2,4-Dichlorophenol	7.97	162	293024	46.504	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	316056	45.262	ng	99
31) Naphthalene	8.10	128	990487	47.455	ng	100
32) Benzoic acid	7.92	122	188573	39.649	ng	95
33) 4-Chloroaniline	8.16	127	228182	23.818	ng	99
34) Hexachlorobutadiene	8.22	225	179893	44.196	ng	99
35) Caprolactam	8.53	113	80537	39.964	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	291284	46.271	ng	95
37) 2-Methylnaphthalene	8.79	142	711293	52.203	ng	98
38) 1-Methylnaphthalene	8.89	142	669879	52.248	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	199377	59.464	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	71416	38.010	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	111357	46.820	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	114485	42.428	nq	99
46) 1,1'-Biphenyl	9.26	154	440728	52.563	nq	99
47) 2-Chloronaphthalene	9.28	162	341025	49.737	nq	98
48) 2-Nitroaniline	9.39	65	101743	47.247	nq	94
49) Acenaphthylene	9.70	152	519250	49.070	nq	99
50) Dimethylphthalate	9.56	163	455914	56.375	nq	99
51) 2,6-Dinitrotoluene	9.63	165	87216	47.587	nq	89
52) Acenaphthene	9.87	154	311632	49.379	nq	100
53) 3-Nitroaniline	9.81	138	76558	34.778	nq	99
54) 2,4-Dinitrophenol	9.91	184	5781	8.234	nq	98
55) Dibenzofuran	10.04	168	474840	49.070	nq	94
56) 4-Nitrophenol	10.02	139	91620m	55.261	nq	
57) 2,4-Dinitrotoluene	10.03	165	112108	46.097	nq	# 86
58) Fluorene	10.39	166	384193	51.502	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	94347	44.443	nq	96
60) Diethylphthalate	10.26	149	417711	52.444	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	189878	49.289	nq	93
62) 4-Nitroaniline	10.42	138	83199	38.070	nq	87
63) Azobenzene	10.53	77	355769	49.207	nq	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	10676	8.498	nq	93
66) n-Nitrosodiphenylamine	10.50	169	336872	52.394	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	119585	50.326	nq	94
68) Hexachlorobenzene	10.93	284	130665	51.145	nq	96
69) Atrazine	11.03	200	86093	43.270	nq	97
70) Pentachlorophenol	11.14	266	80091	56.388	nq	99
71) Phenanthrene	11.35	178	537675	51.661	nq	100
72) Anthracene	11.40	178	556432	53.040	nq	99
73) Carbazole	11.56	167	496406	47.801	nq	99
74) Di-n-butylphthalate	11.88	149	640384	54.850	nq	100
75) Fluoranthene	12.53	202	560743	47.123	nq	100
77) Benzidine	12.66	184	62067	11.615	nq	99
78) Pyrene	12.76	202	548985	49.047	nq	100
80) Butylbenzylphthalate	13.38	149	244687	49.231	nq	96
81) Benzo(a)anthracene	13.96	228	489408	51.557	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	165014	45.510	nq	# 98
83) Chrysene	13.99	228	482870	49.591	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	348596	57.470	nq	99
85) Di-n-octyl phthalate	14.55	149	573831	49.569	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	501006	49.326	nq	98
88) Benzo(b)fluoranthene	14.99	252	491680	49.432	nq	98
89) Benzo(k)fluoranthene	15.02	252	501523	56.982	nq	99
90) Benzo(a)pyrene	15.35	252	454419	51.048	nq	97
91) Dibenzo(a,h)anthracene	16.86	278	429601	52.744	nq	98
92) Benzo(g,h,i)perylene	17.28	276	379391	46.212	nq	96

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

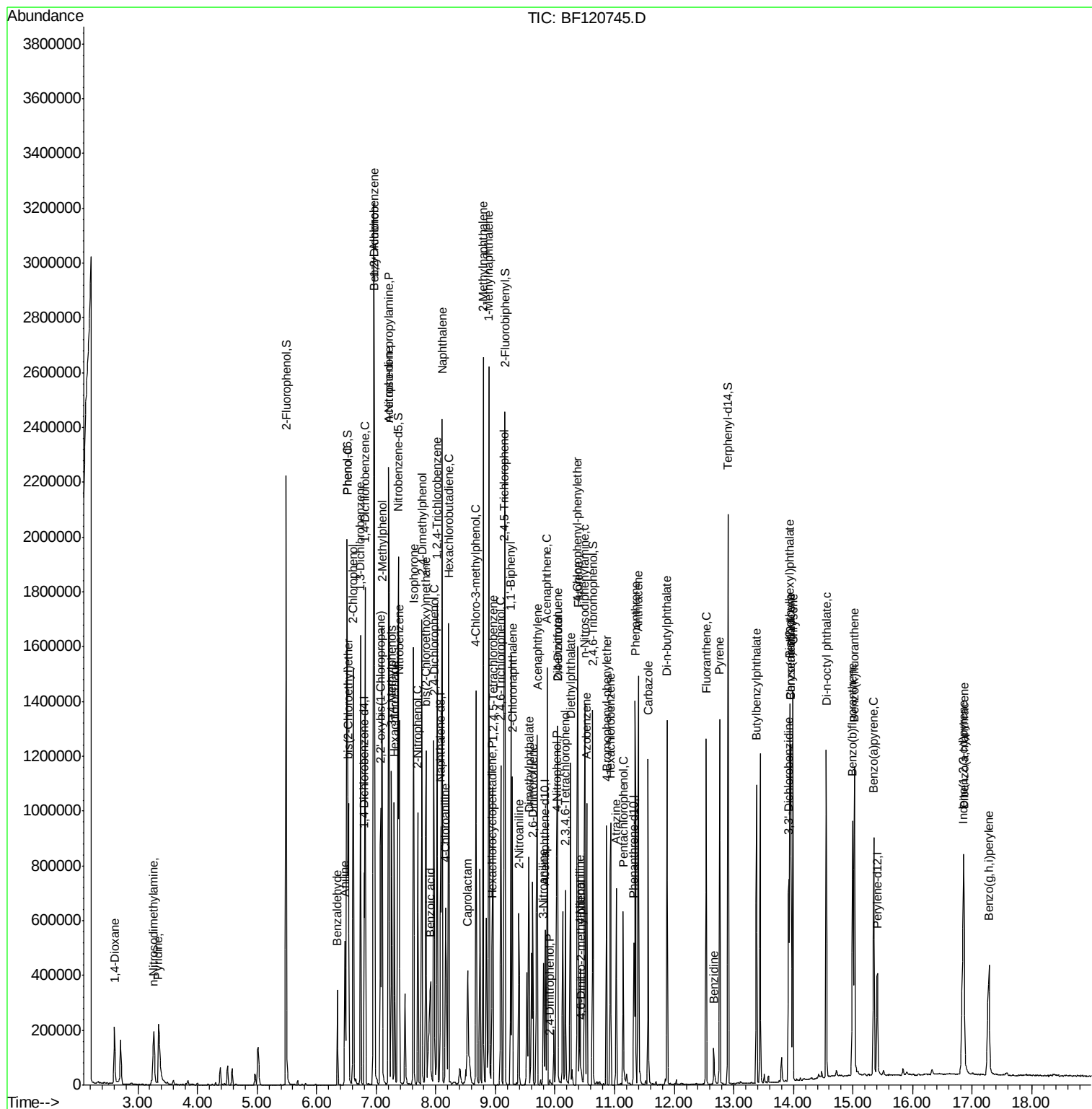
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
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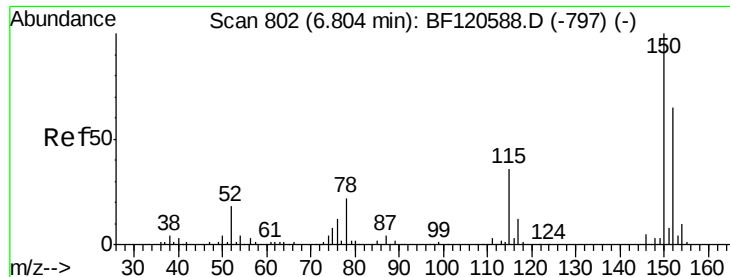
Instrument :
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ClientSampleId :
CL-01-062420MSD

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#1

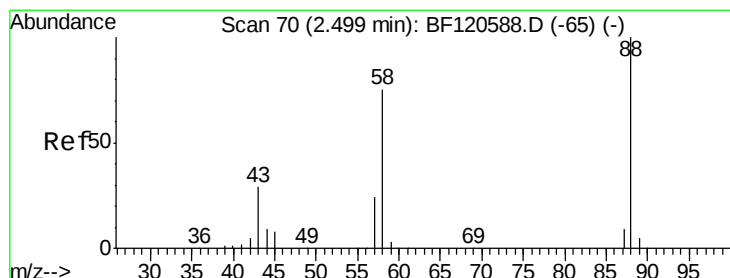
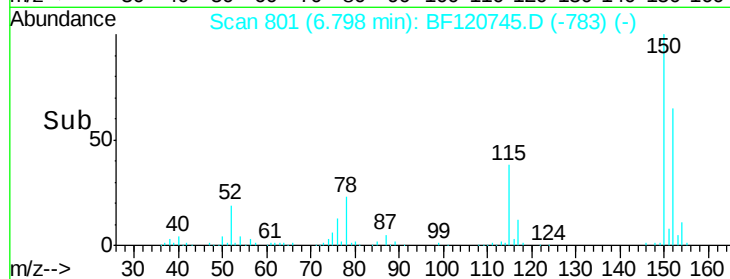
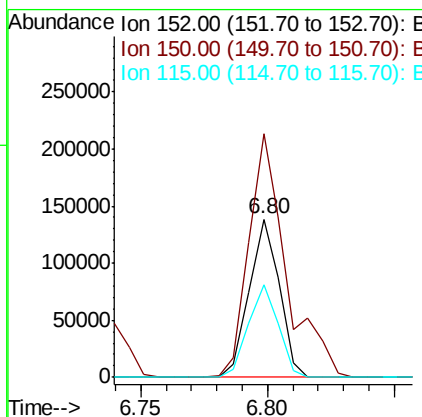
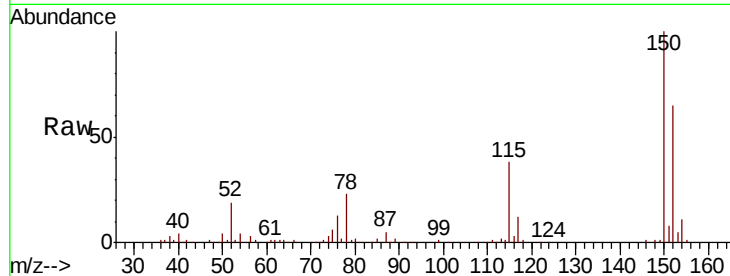
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	187.0
115	58.7	44.2	66.4

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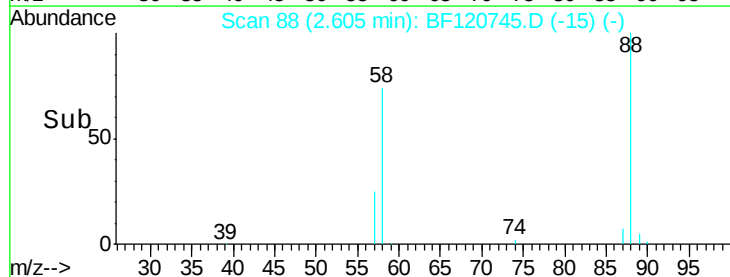
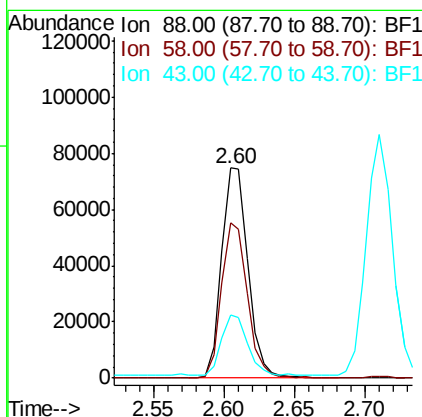
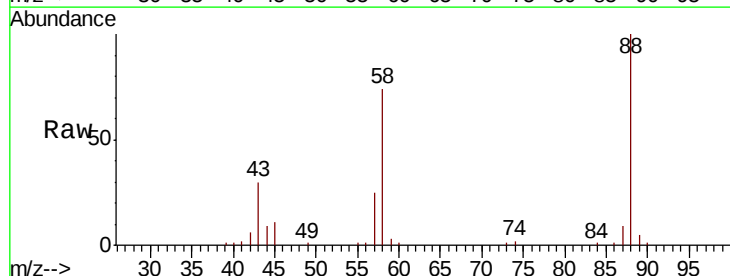
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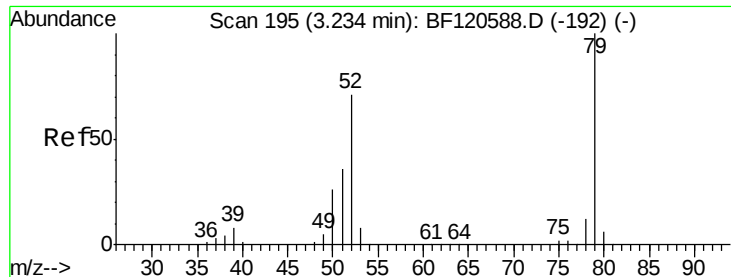


#2

1,4-Dioxane
Concen: 30.266 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.13 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	58.5	87.7
43	0.0	21.8	32.8#





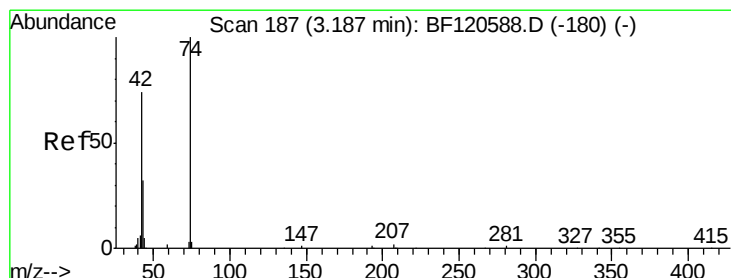
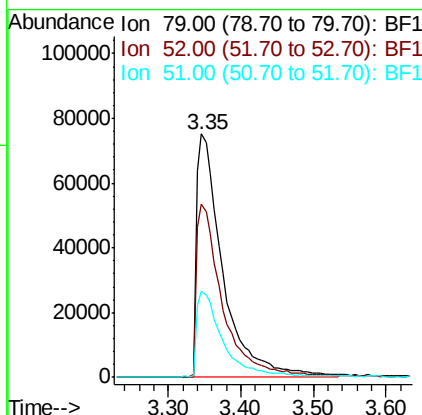
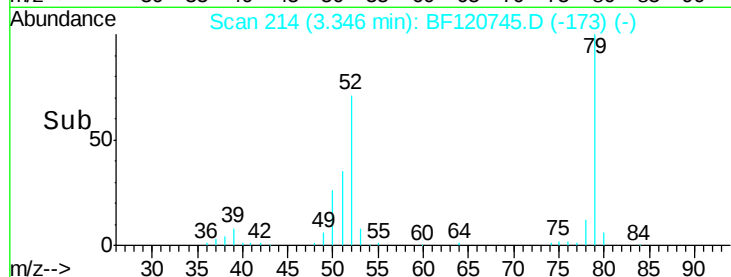
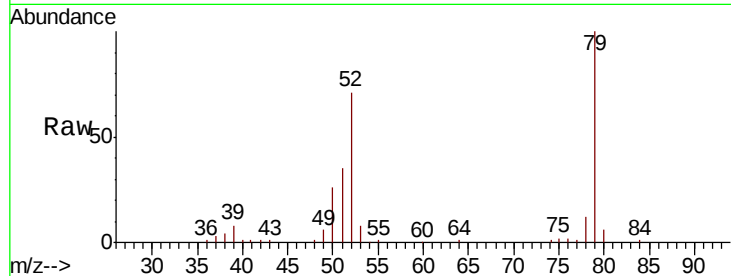
#3
 Pvridine
 Concen: 21.147 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.14 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	71.0	56.6	84.8	
51	35.3	27.4	41.0	

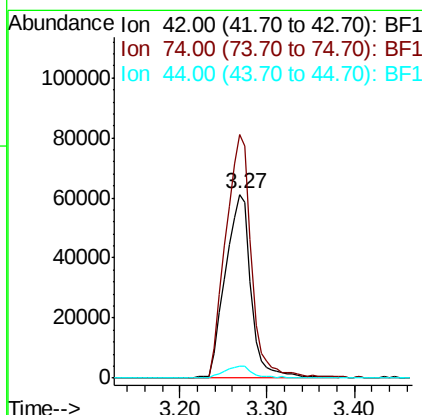
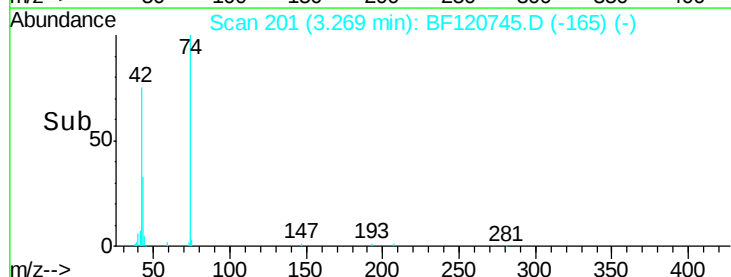
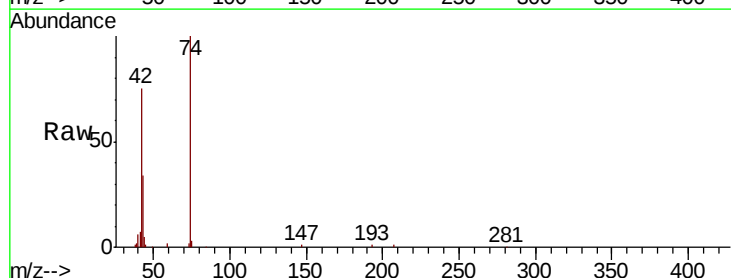
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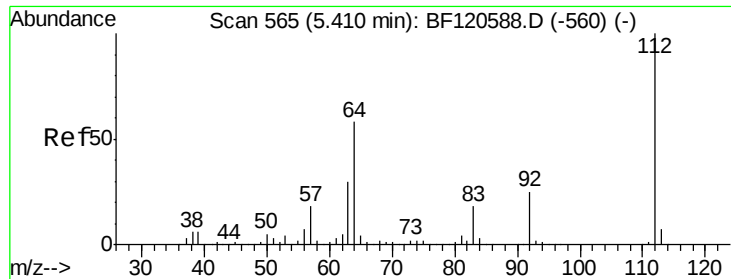
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#4
 n-Nitrosodimethylamine
 Concen: 33.116 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.11 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	132.6	110.7	166.1	
44	6.8	5.6	8.4	





#5

2-Fluorophenol

Concen: 93.297 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.08 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

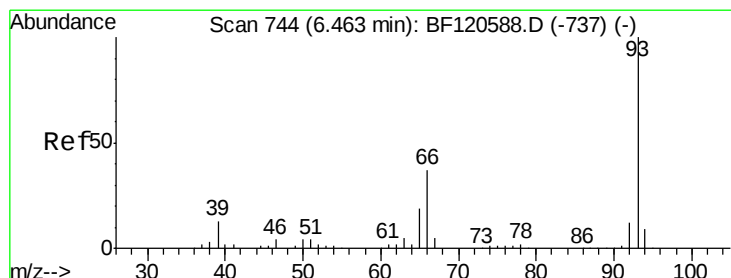
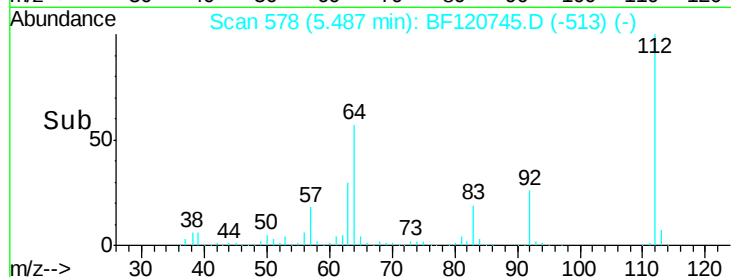
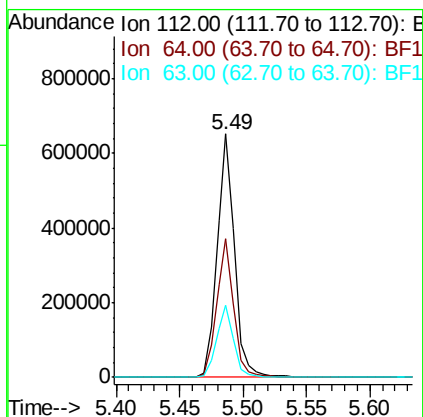
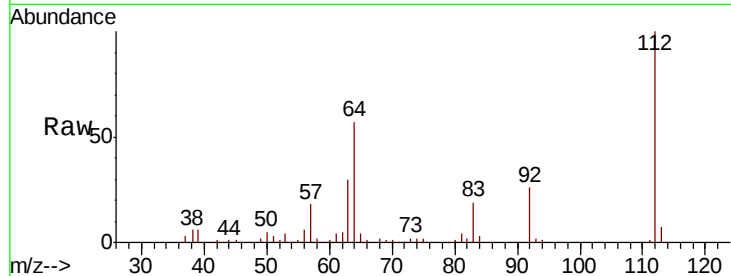
ClientSampleId :

CL-01-062420MSD

Tot Ion:	112	Resp:	629569
Ion Ratio	Lower	Upper	
112	100		
64	56.7	42.2	63.2
63	29.9	21.7	32.5

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#6

Aniline

Concen: 20.961 ng

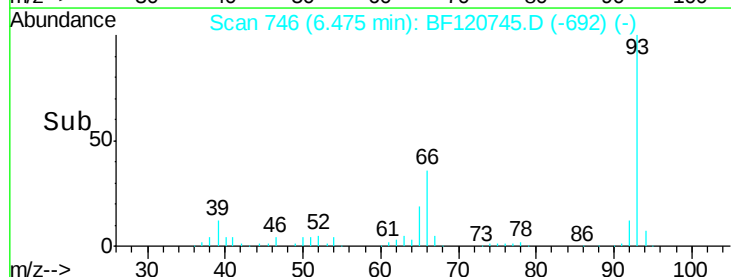
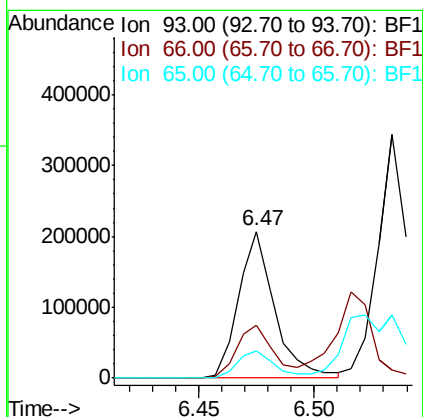
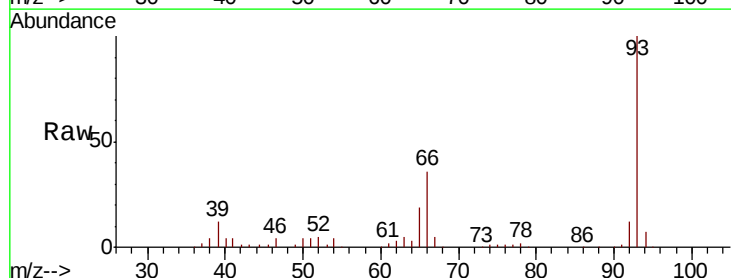
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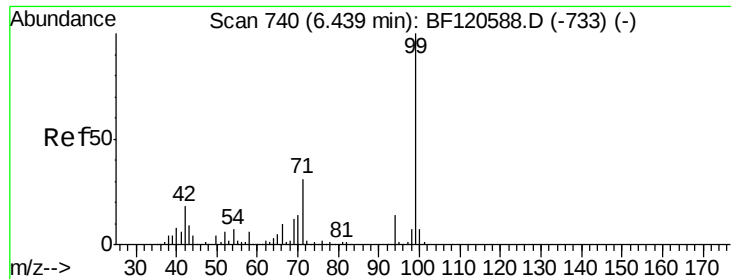
Delta R.T. 0.02 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:	93	Resp:	225460
Ion Ratio	Lower	Upper	
93	100		
66	36.1	29.5	44.3
65	18.8	15.5	23.3





#7

Phenol-d6

Concen: 88.647 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

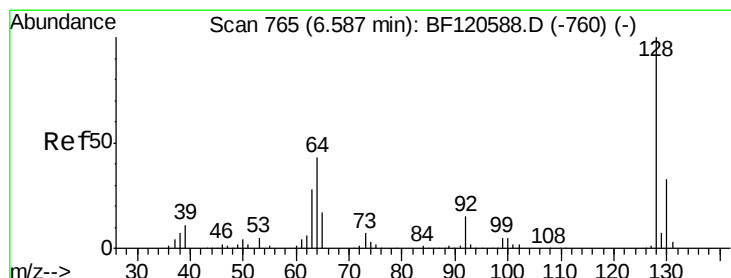
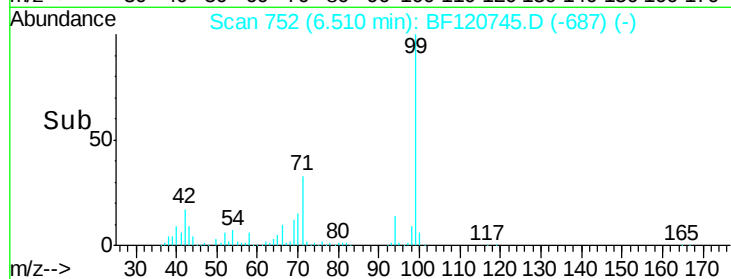
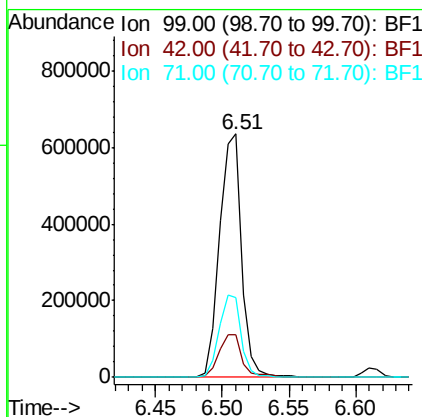
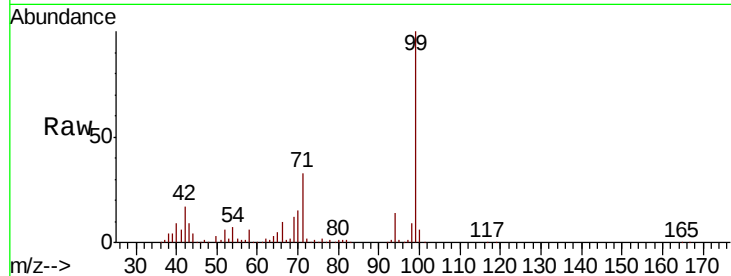
ClientSampleId :

CL-01-062420MSD

Tot Ion:	99	Resp:	745042
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.2	21.4
71	32.8	25.4	38.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 53.688 ng

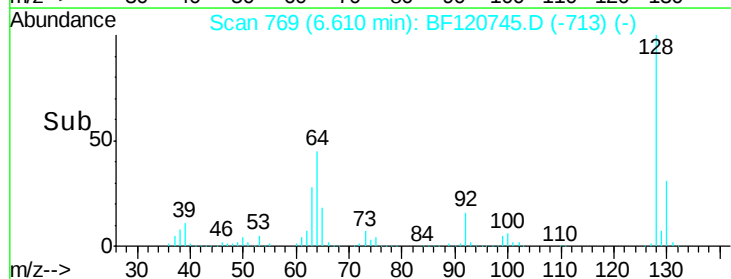
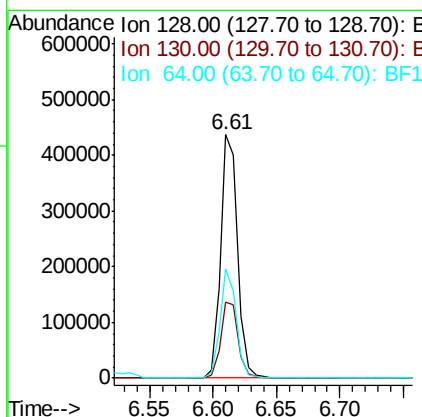
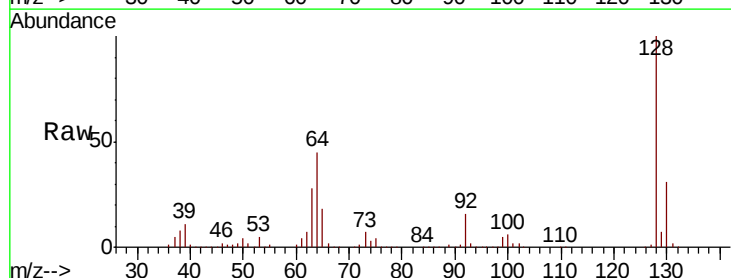
RT: 6.61 min Scan# 769

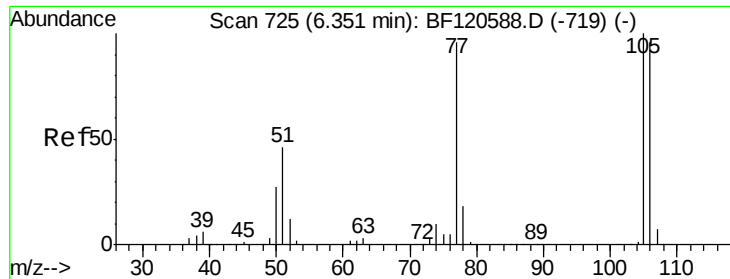
Delta R.T. 0.03 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:	128	Resp:	409393
Ion Ratio	Lower	Upper	
128	100		
130	31.4	13.3	53.3
64	45.1	19.2	59.2





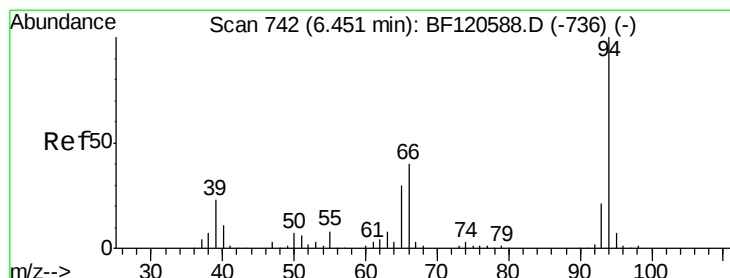
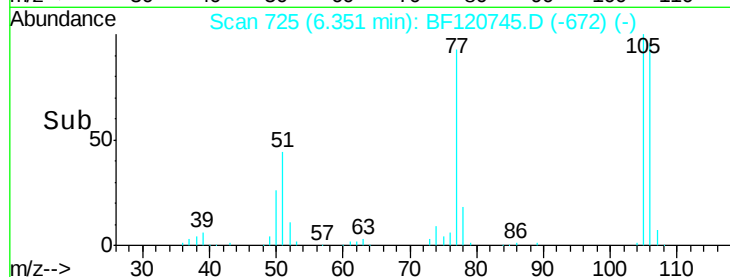
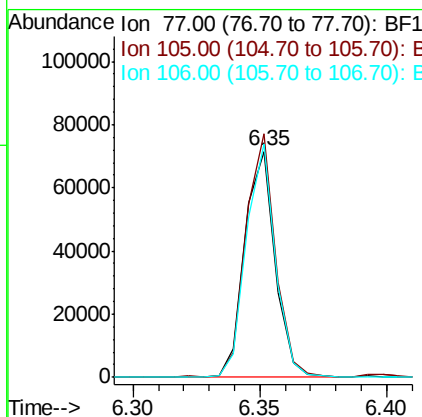
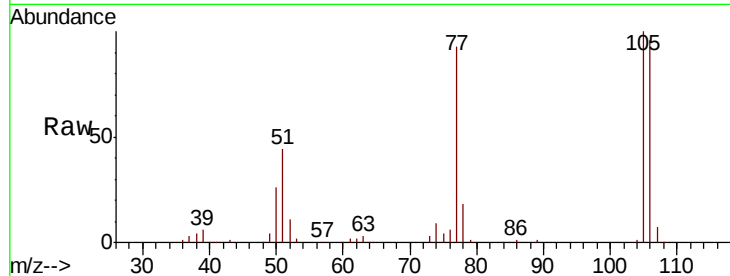
#9
Benzaldehyde
Concen: 11.251 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF120745.D
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Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
77	100		
105	107.6	80.8	120.8
106	103.2	78.1	118.1

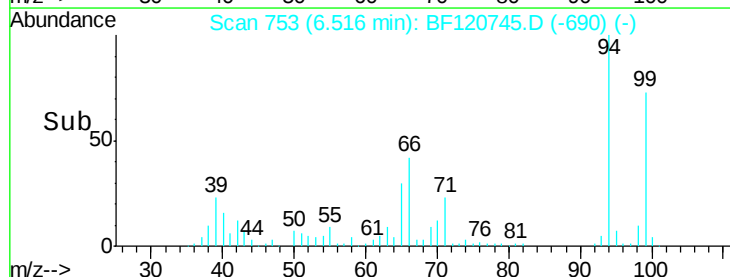
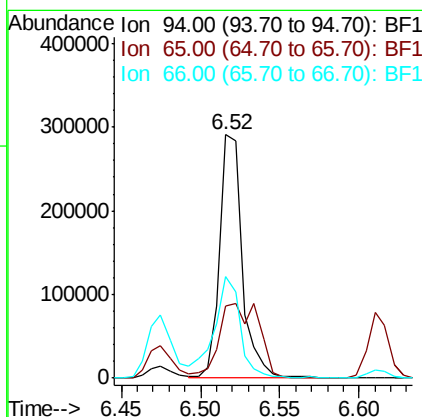
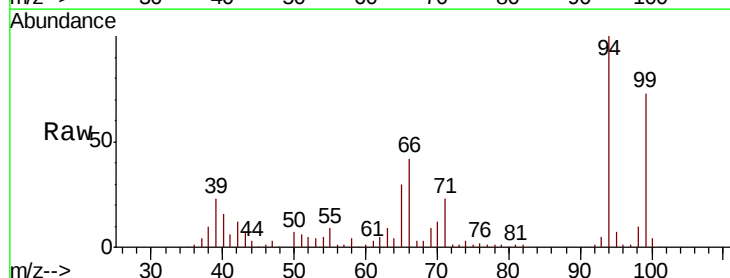
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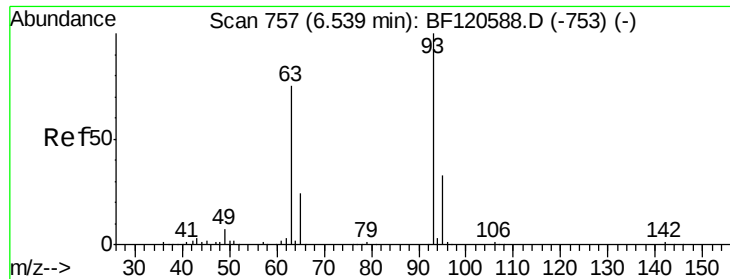
mohammad
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#10
Phenol
Concen: 32.080 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.07 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	13.6	53.6
66	41.6	29.2	69.2





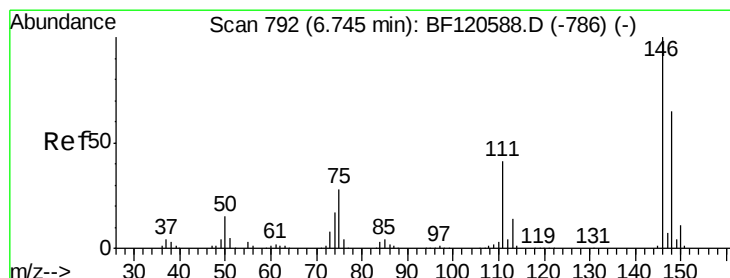
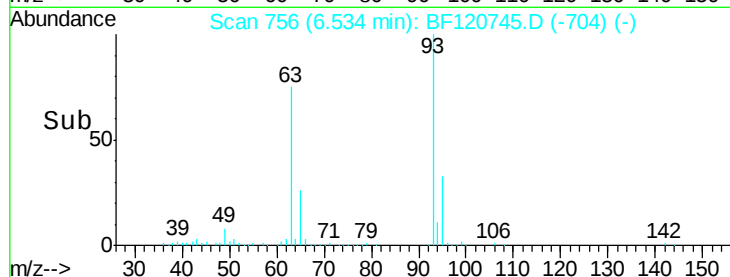
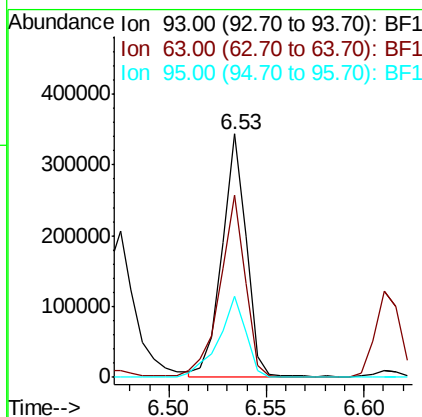
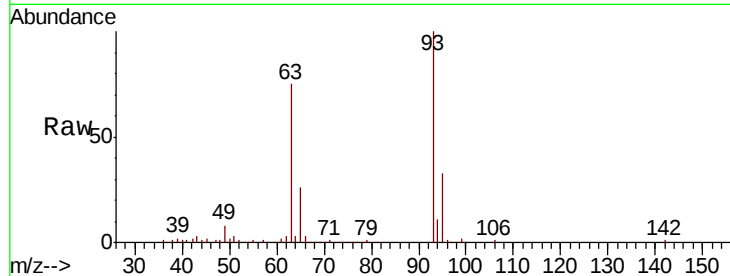
#11
bis(2-Chloroethyl)ether
Concen: 39.829 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion:	93	Resp:	297487
Ion Ratio	Lower	Upper	
93	100		
63	74.8	54.8	94.8
95	33.3	12.1	52.1

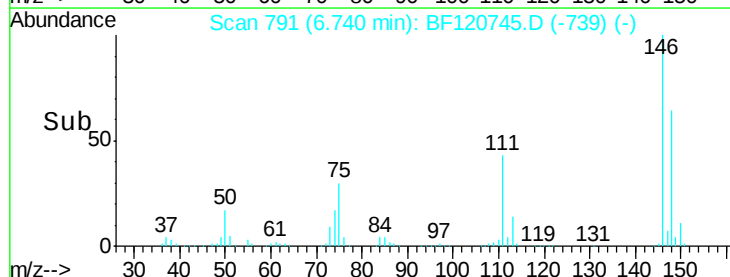
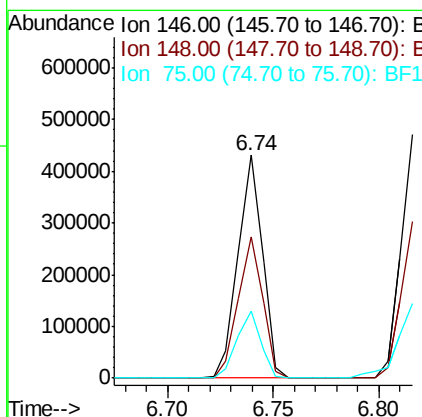
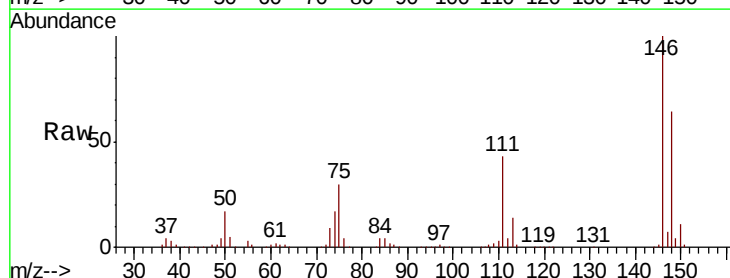
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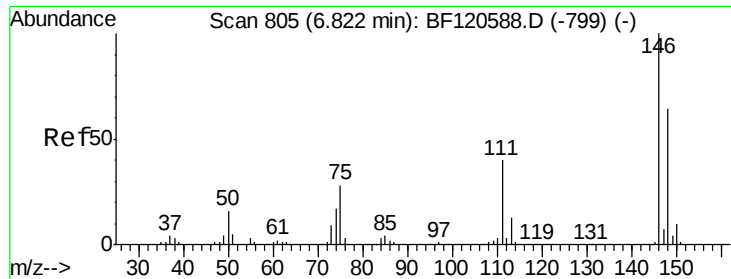
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.615 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion:	146	Resp:	345462
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
75	29.8	21.5	32.3





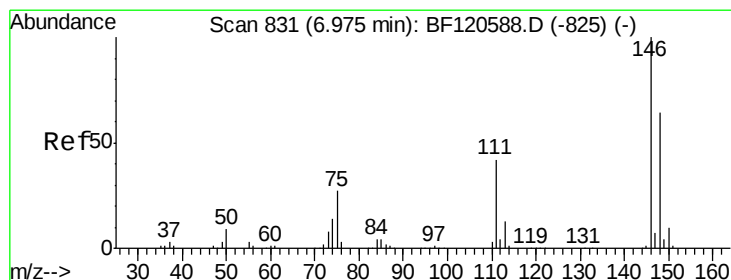
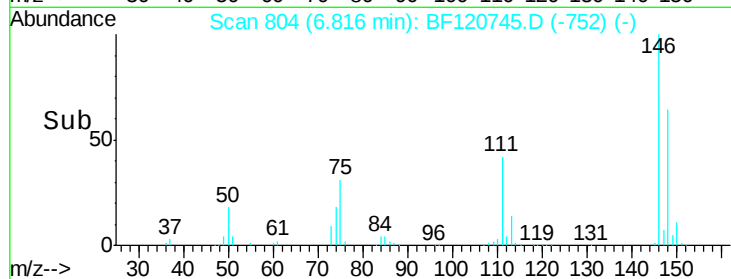
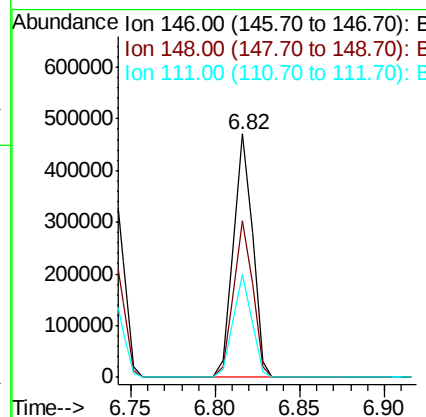
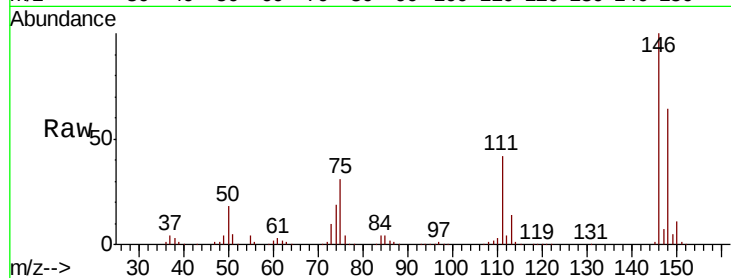
#13
 1,4-Dichlorobenzene
 Concen: 46.486 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
111	42.1	32.2	48.2

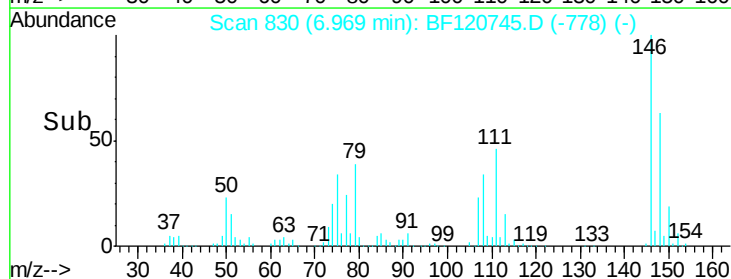
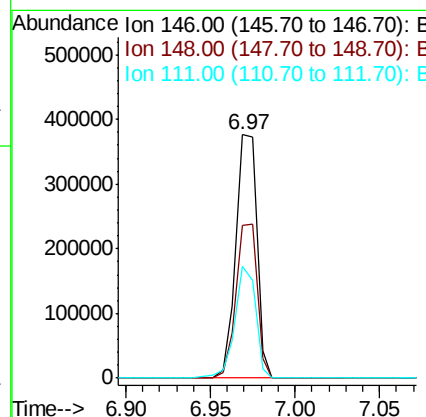
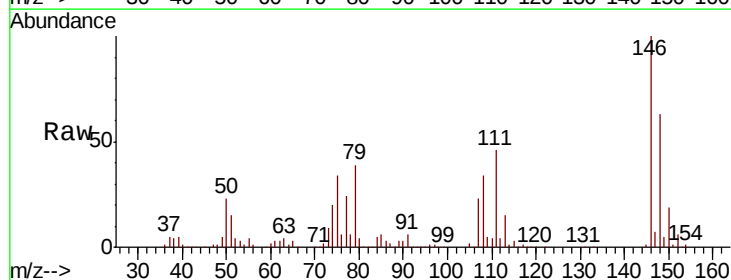
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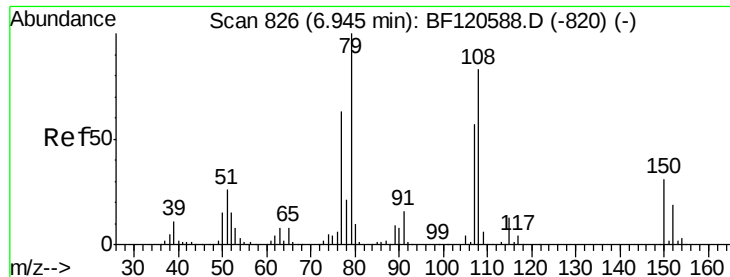
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#14
 1,2-Dichlorobenzene
 Concen: 41.719 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
111	45.9	33.6	50.4





#15

Benzyl Alcohol

Concen: 42.984 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.03 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

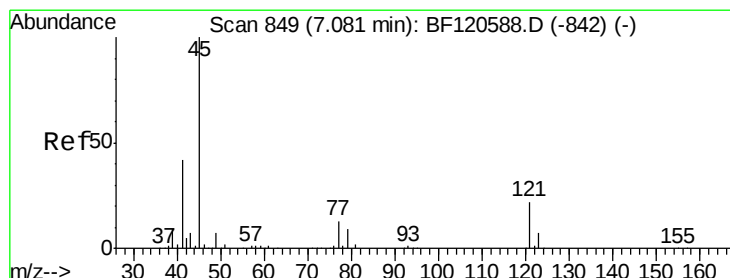
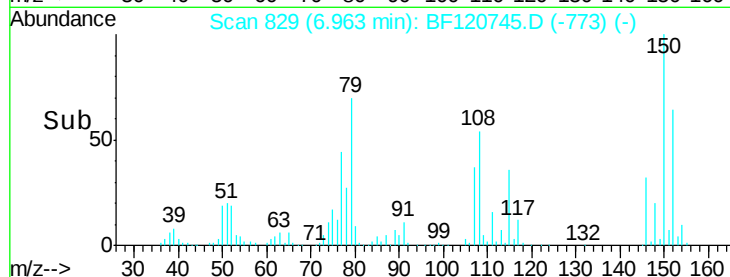
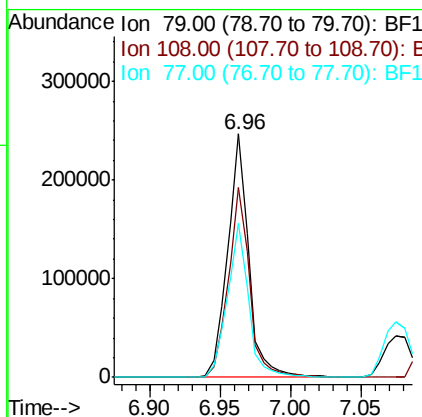
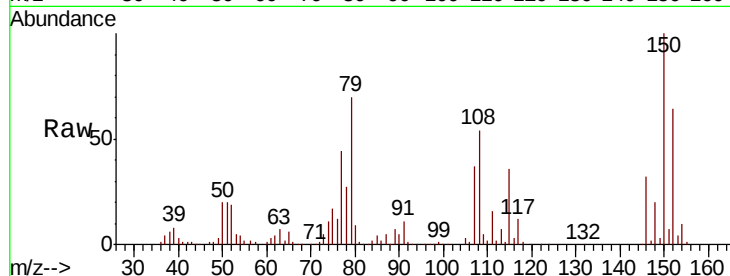
ClientSampleId :

CL-01-062420MSD

Tot Ion:	79	Resp:	256193
Ion Ratio	Lower	Upper	
79	100		
108	78.1	66.1	99.1
77	63.2	49.8	74.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.761 ng

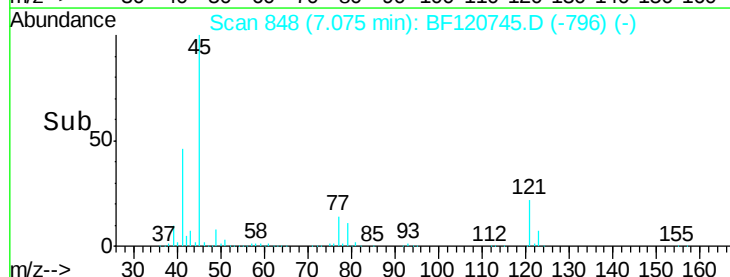
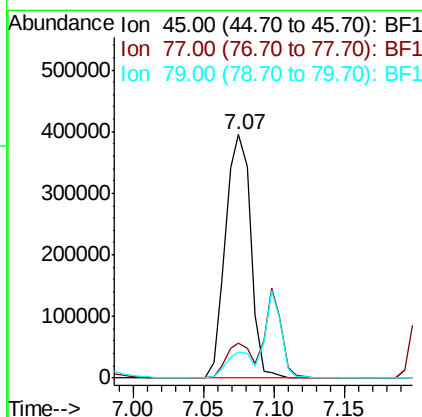
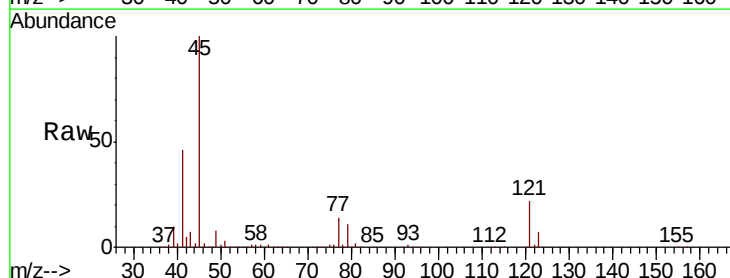
RT: 7.07 min Scan# 848

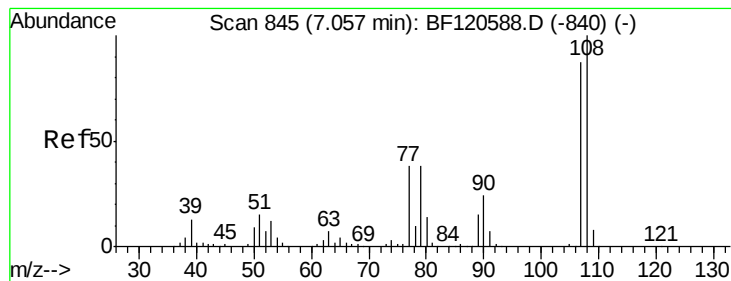
Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:	45	Resp:	492146
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	34.9
79	10.7	0.0	31.4





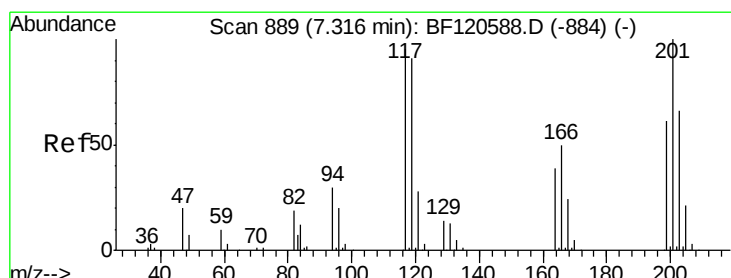
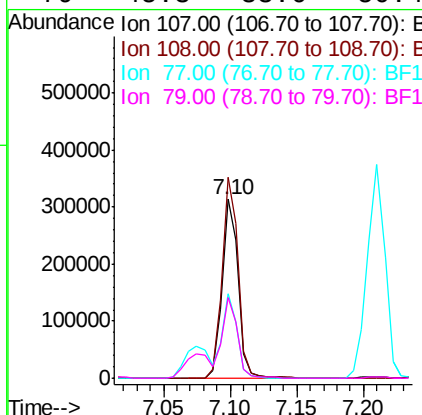
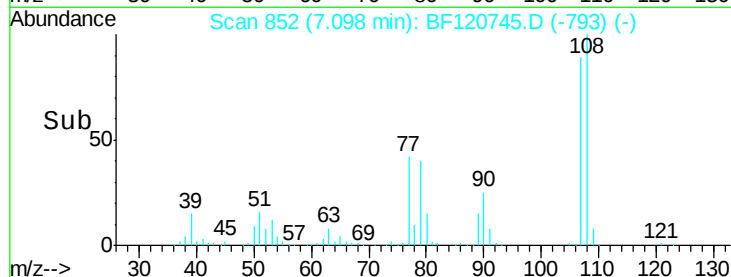
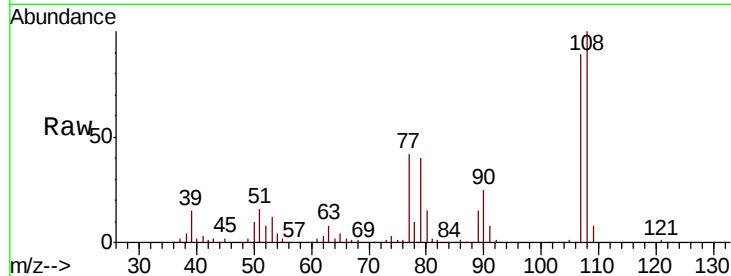
#17
2-Methylphenol
Concen: 41.226 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.05 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.7	136.1
77	46.9	35.0	52.4
79	45.3	33.6	50.4

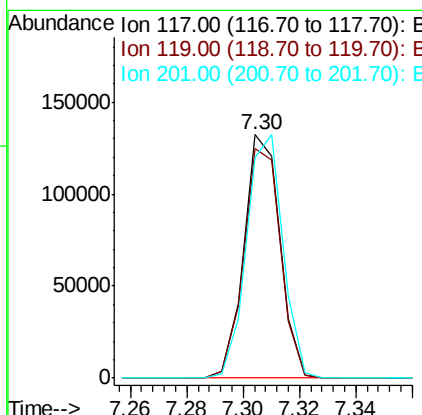
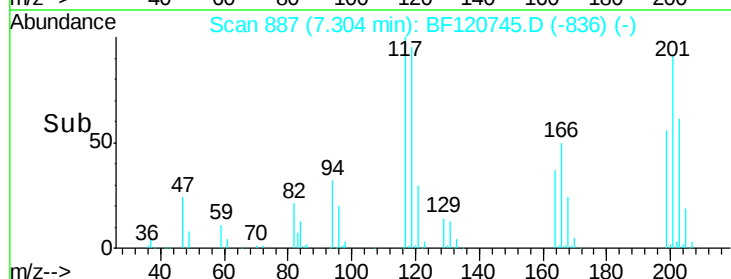
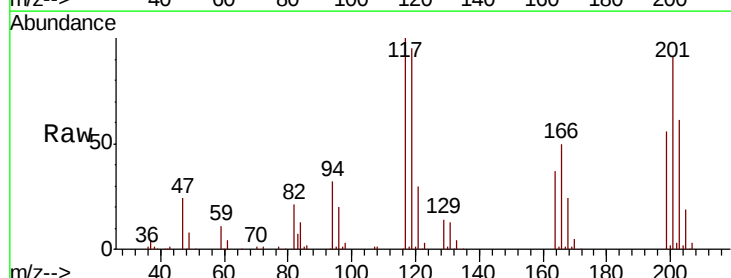
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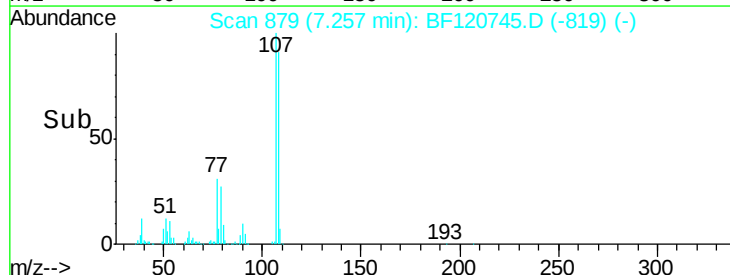
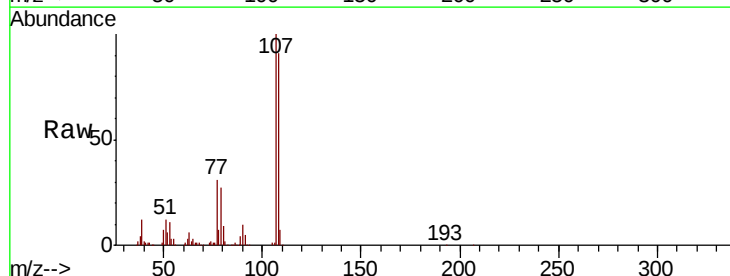
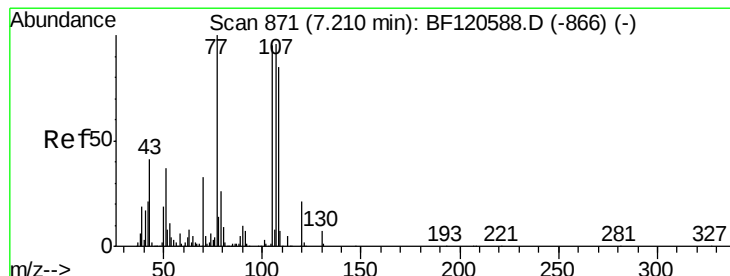
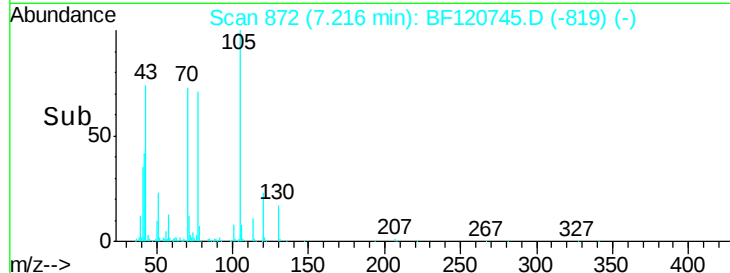
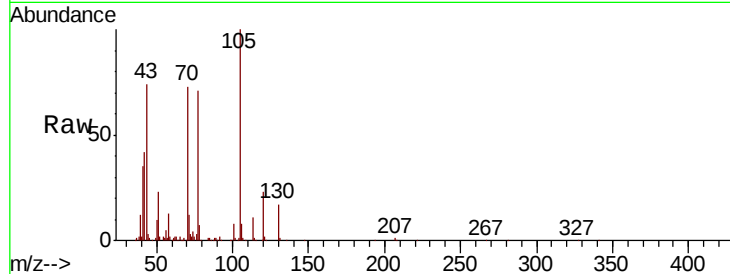
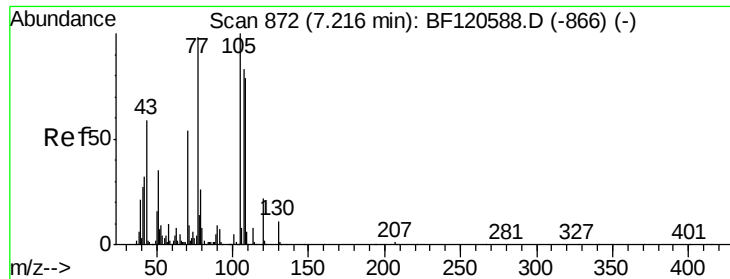
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#18
Hexachloroethane
Concen: 39.638 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

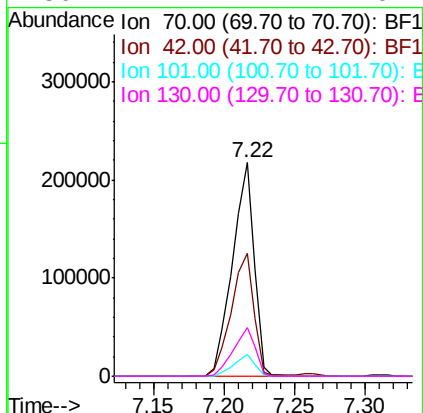
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.1	115.7
201	90.5	86.4	129.6





#19
n-Nitroso-di-n-propylamine
Concen: 47.907 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		233554		
42	57.6	47.6	71.4		
101	10.3	7.6	11.4		
130	22.7	17.4	26.2		



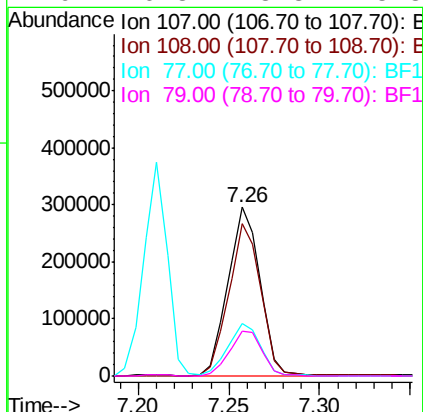
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

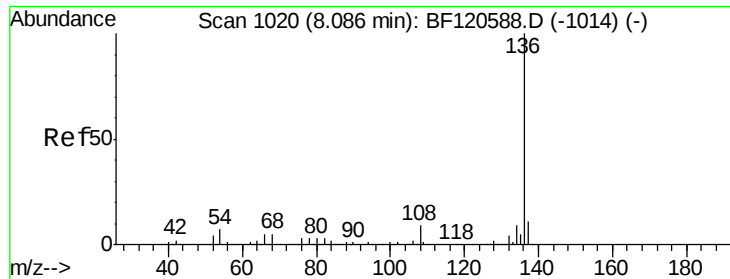
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#20
3+4-Methylphenols
Concen: 44.736 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.05 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		363570		
108	90.7	70.9	110.9		
77	31.3	95.7	135.7#		
79	26.8	8.8	48.8		





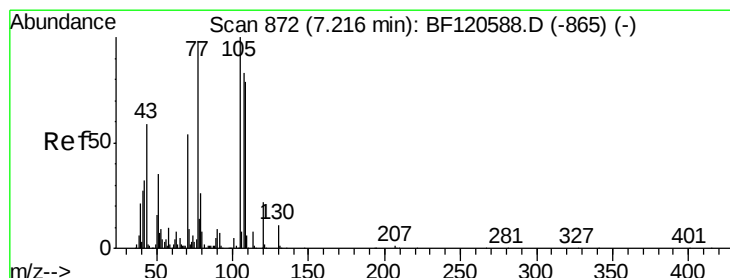
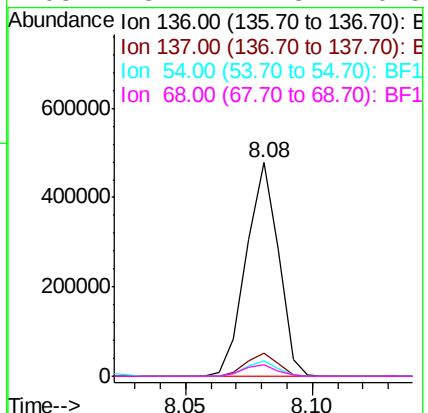
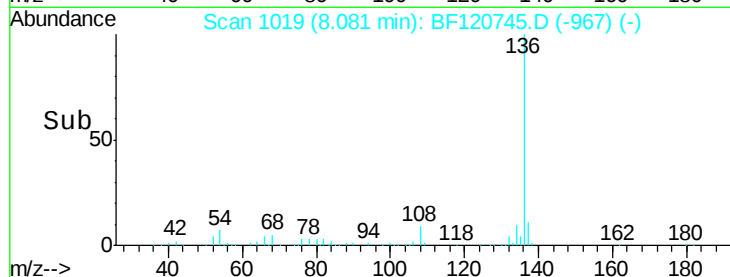
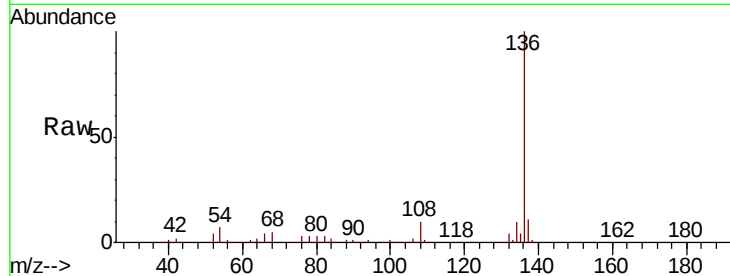
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		425066		
137	10.9	8.6	12.8		
54	7.2	5.3	7.9		
68	5.4	4.3	6.5		

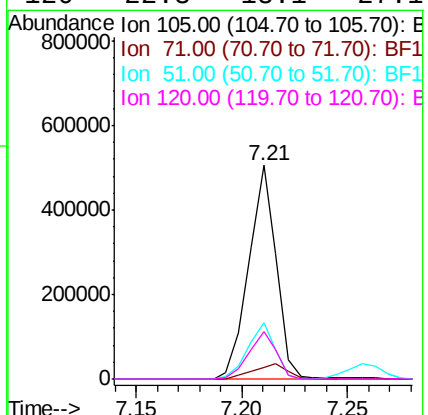
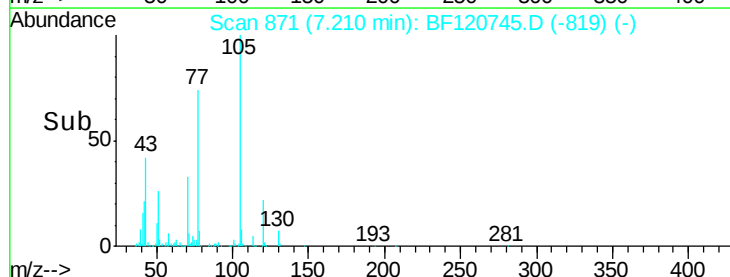
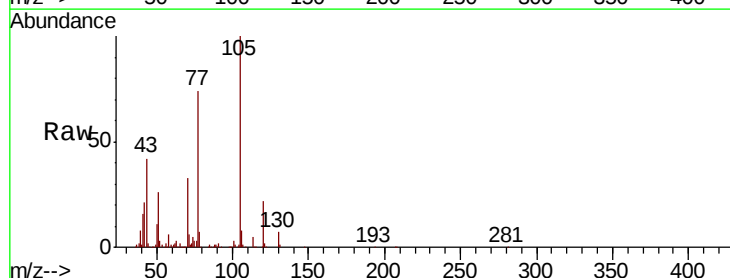
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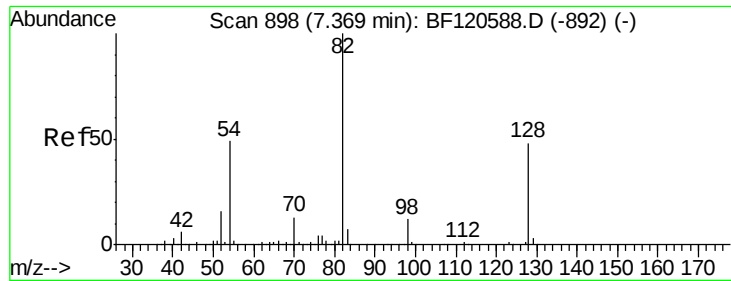
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#22
Acetophenone
Concen: 48.125 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		457335		
71	5.5	6.6	9.8#		
51	26.3	27.4	41.0#		
120	22.3	18.1	27.1		





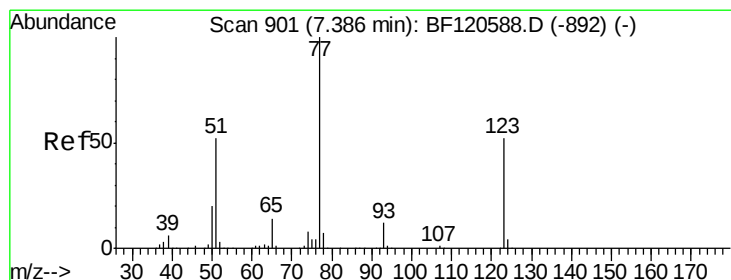
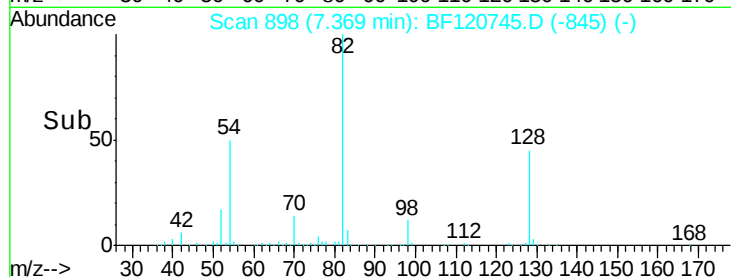
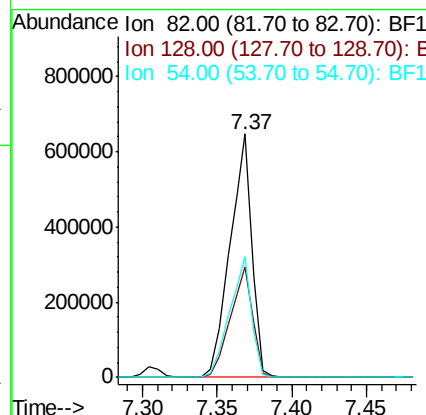
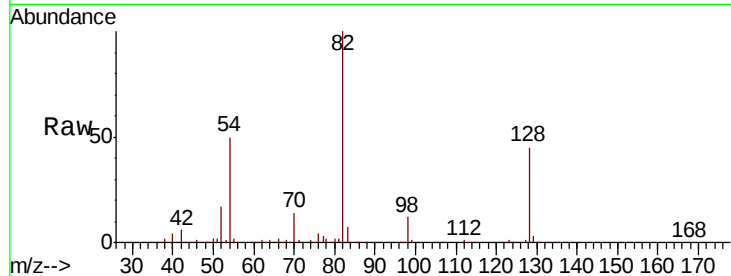
#23
 Nitrobenzene-d5
 Concen: 88.481 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.1	57.1
54	49.7	38.8	58.2

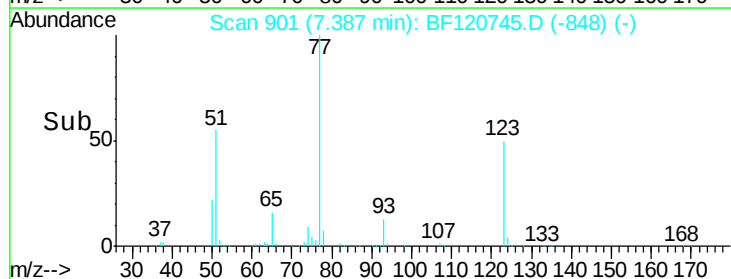
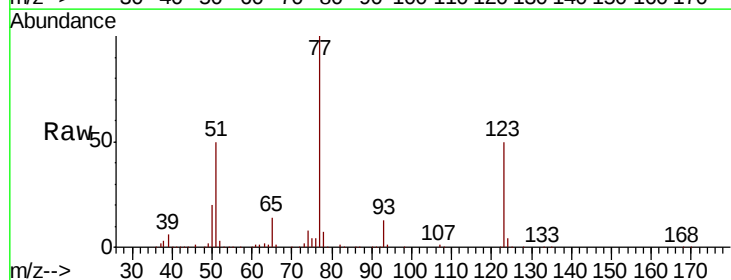
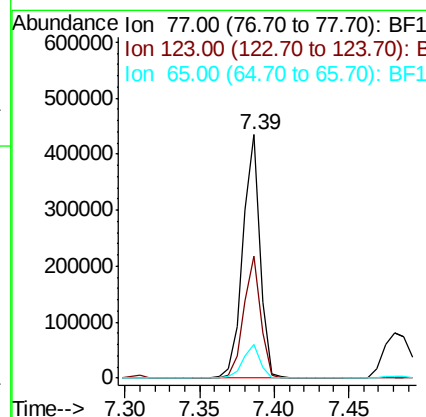
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#24
 Nitrobenzene
 Concen: 44.175 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	41.5	62.3
65	13.8	10.9	16.3





#25

Isophorone

Concen: 42.501 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

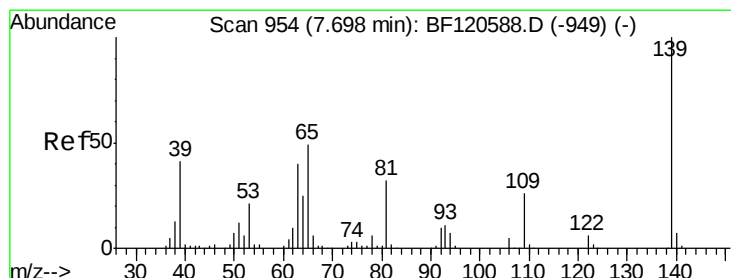
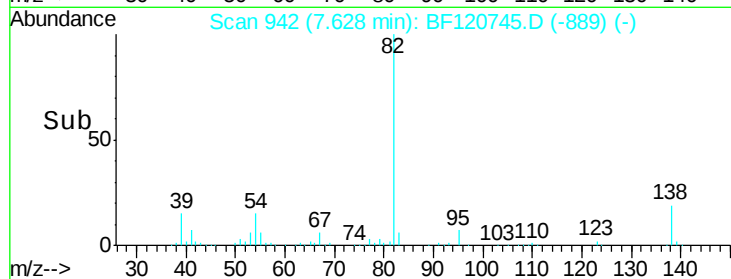
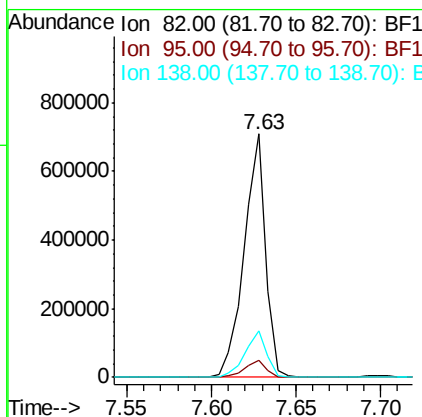
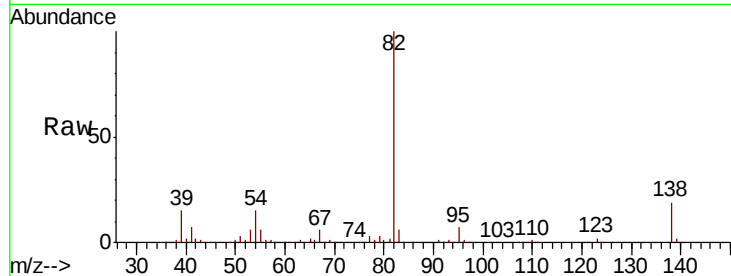
ClientSampleId :

CL-01-062420MSD

Tot Ion:	82	Resp:	629570
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	19.1	16.1	24.1

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#26

2-Nitrophenol

Concen: 41.917 ng

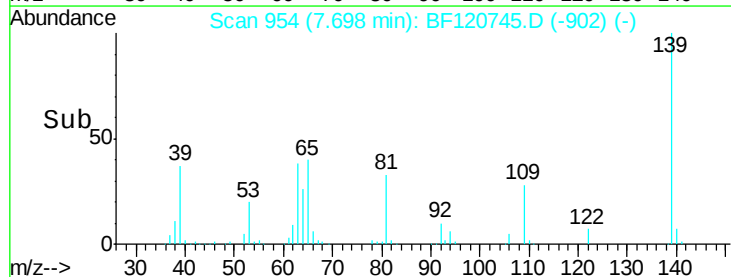
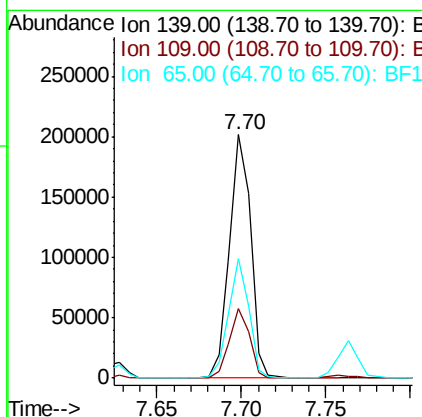
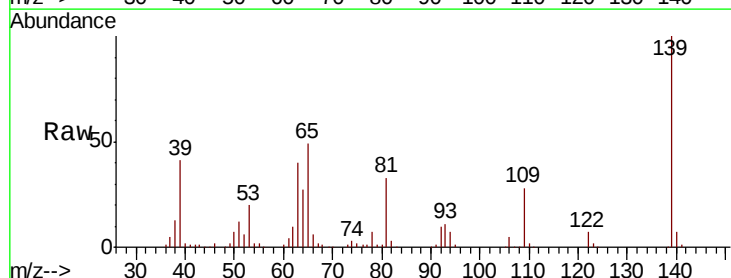
RT: 7.70 min Scan# 954

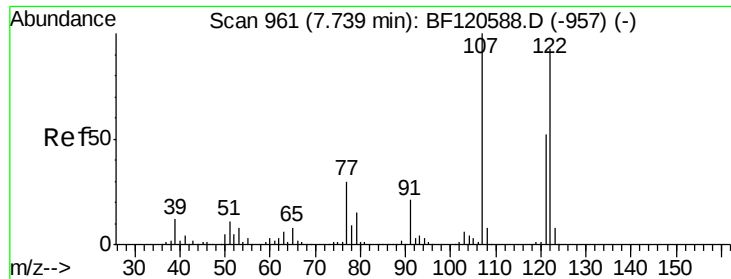
Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:	139	Resp:	176470
Ion Ratio	Lower	Upper	
139	100		
109	28.4	20.7	31.1
65	49.1	33.6	50.4





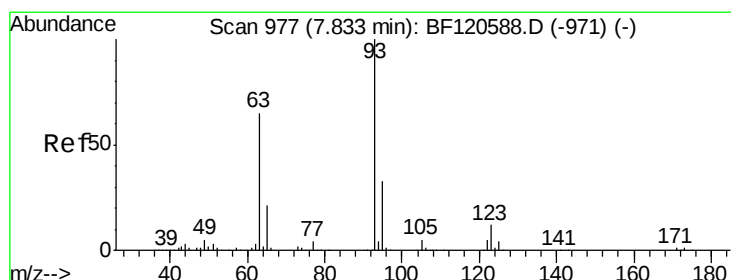
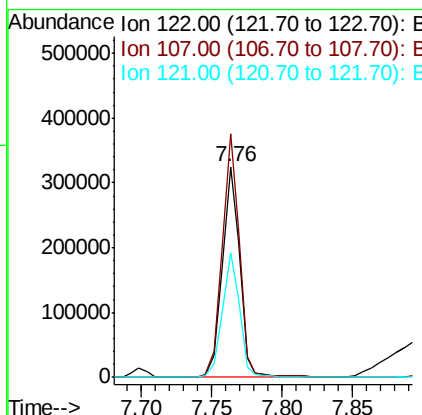
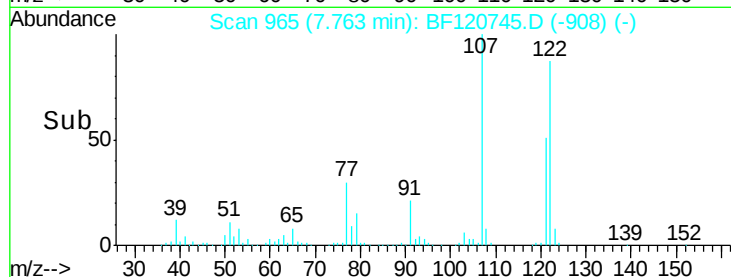
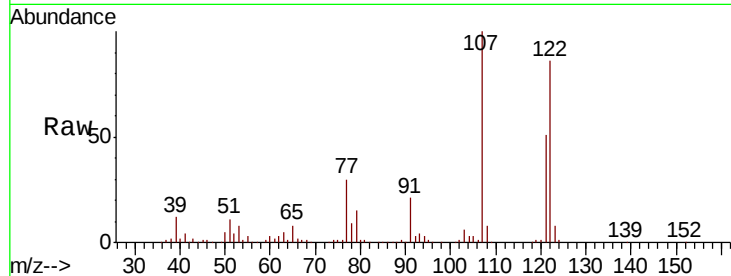
#27
2,4-Dimethylphenol
Concen: 45.118 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.04 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	89.4	134.2
121	59.2	46.2	69.4

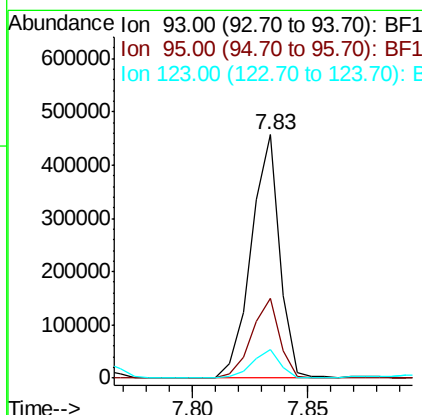
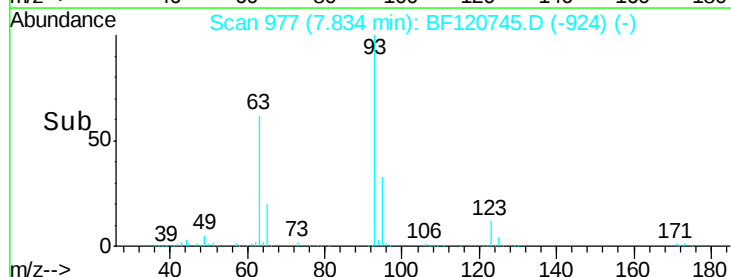
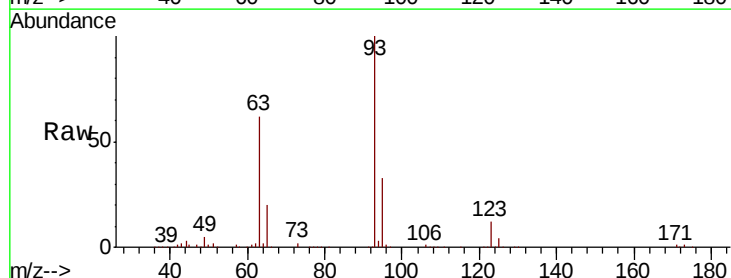
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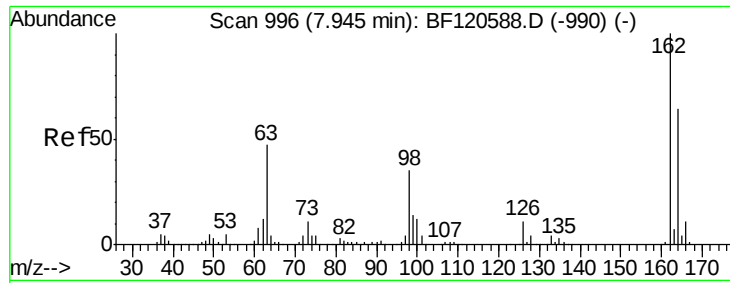
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.797 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.8	9.7	14.5





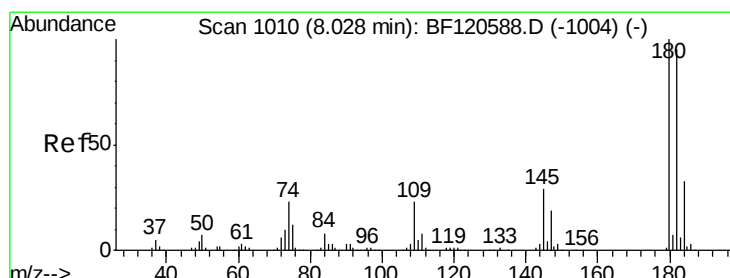
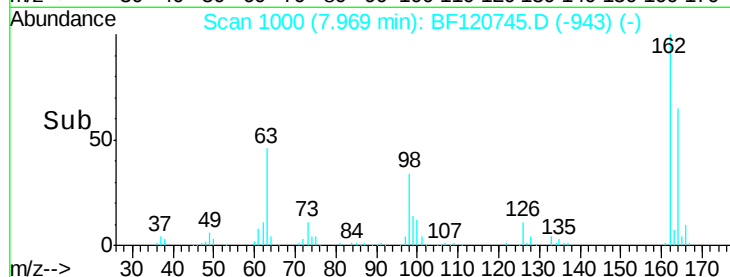
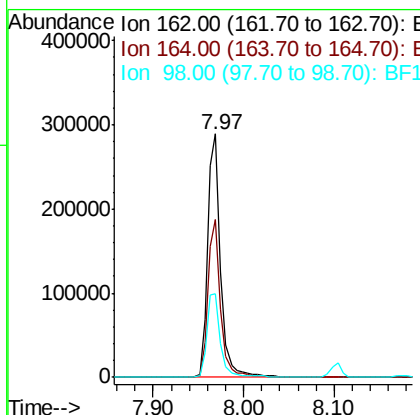
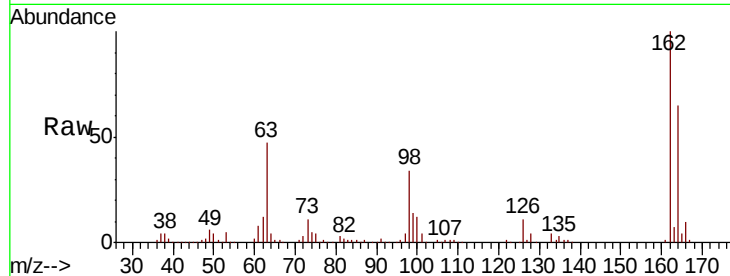
#29
2,4-Dichlorophenol
Concen: 46.504 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	293024		
164	64.6	45.1	85.1	
98	34.3	16.2	56.2	

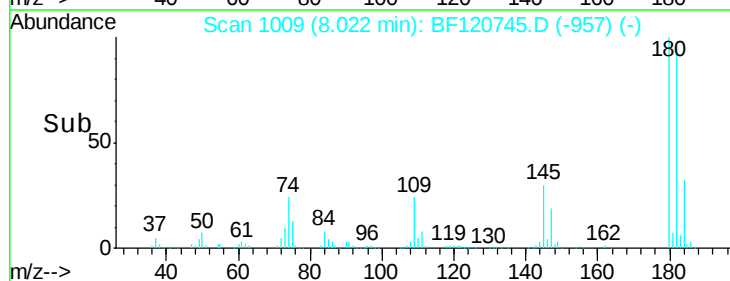
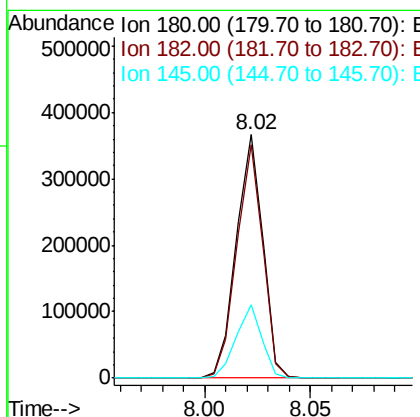
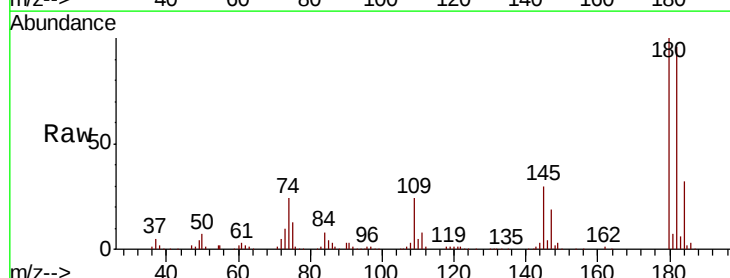
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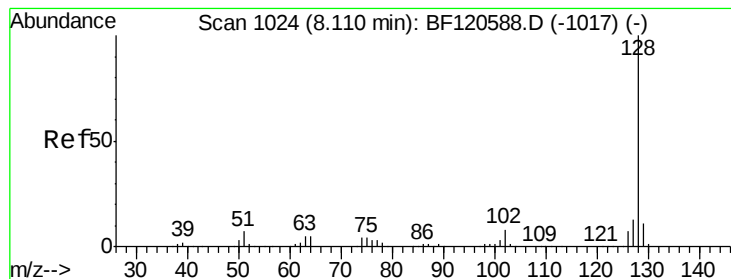
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#30
1,2,4-Trichlorobenzene
Concen: 45.262 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	316056		
182	96.0	76.0	114.0	
145	30.1	23.4	35.2	





#31

Naphthalene

Concen: 47.455 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

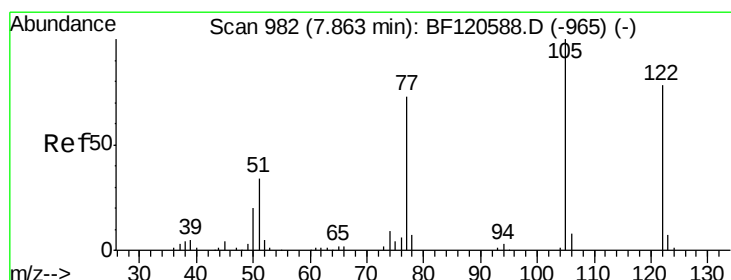
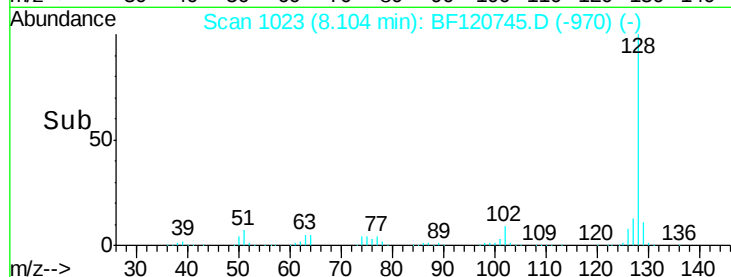
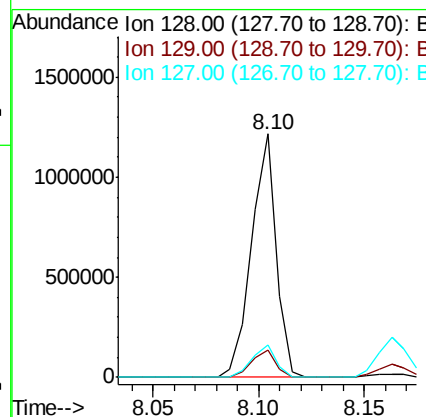
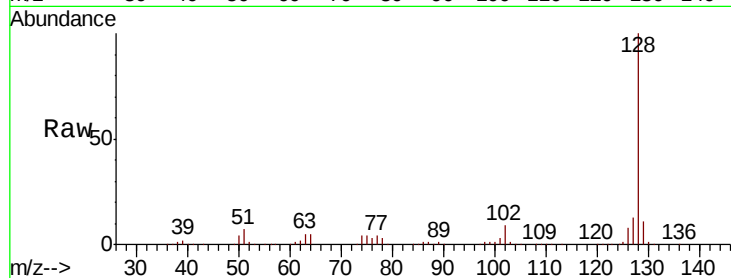
ClientSampleId :

CL-01-062420MSD

Tot Ion:	128	Resp:	990487
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	13.3	10.7	16.1

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#32

Benzoic acid

Concen: 39.649 ng

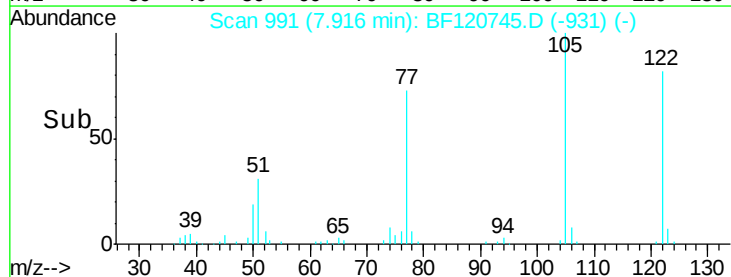
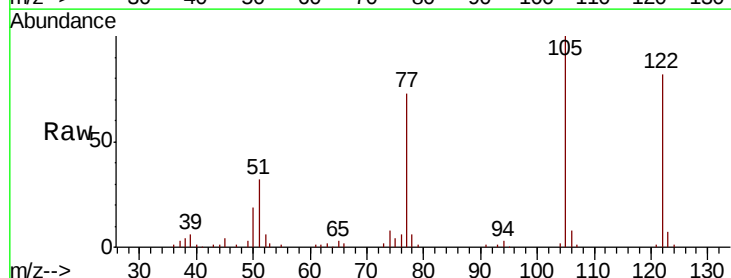
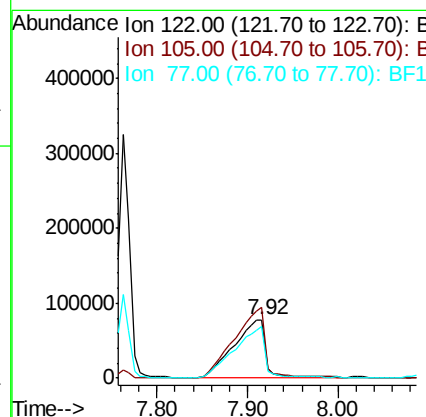
RT: 7.92 min Scan# 991

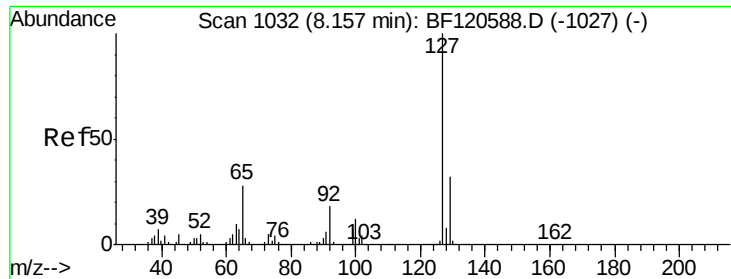
Delta R.T. 0.05 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:	122	Resp:	188573
Ion Ratio	Lower	Upper	
122	100		
105	122.3	98.4	138.4
77	89.6	63.8	103.8





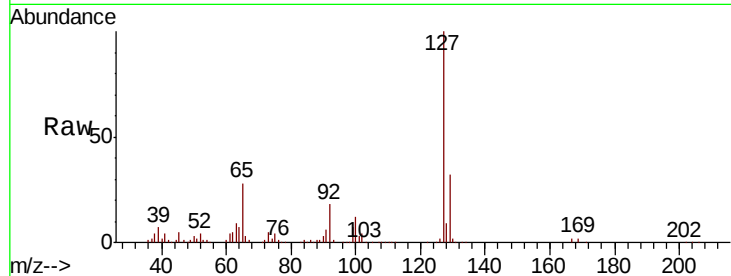
#33
4-Chloroaniline
Concen: 23.818 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	28.1	21.8	32.6		
92	17.5	14.5	21.7		

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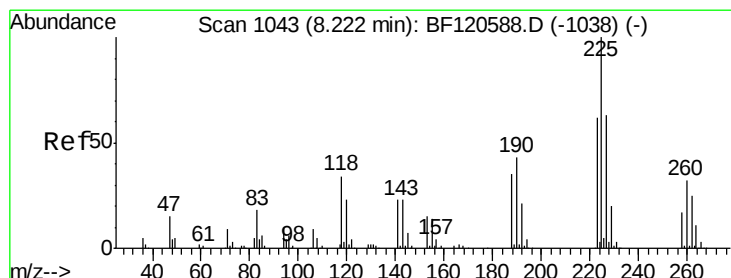
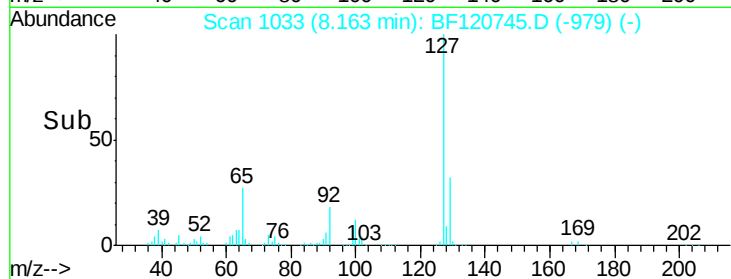
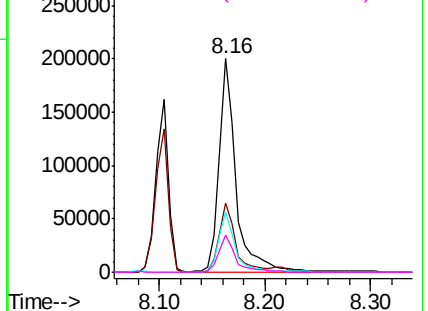
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 44.196 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

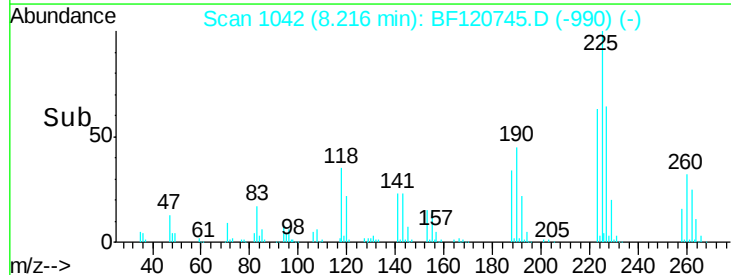
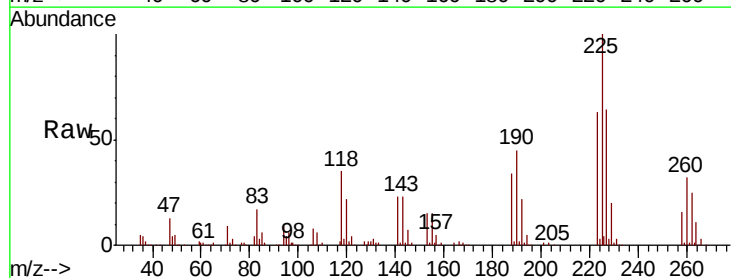
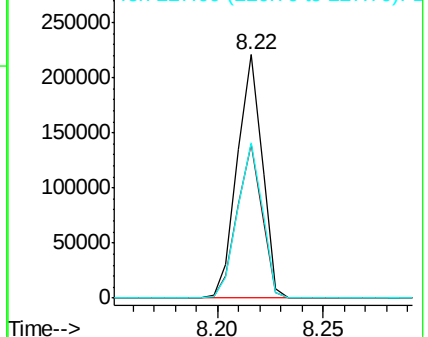
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.0	75.0		
227	63.8	50.5	75.7		

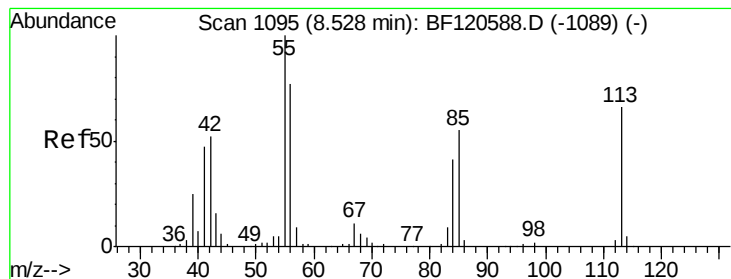
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.964 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.02 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

Tot Ion:113 Resp: 80537

Ion Ratio Lower Upper

113 100

55 168.1 143.7 183.7

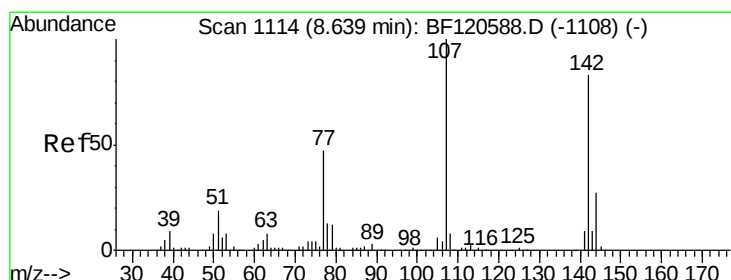
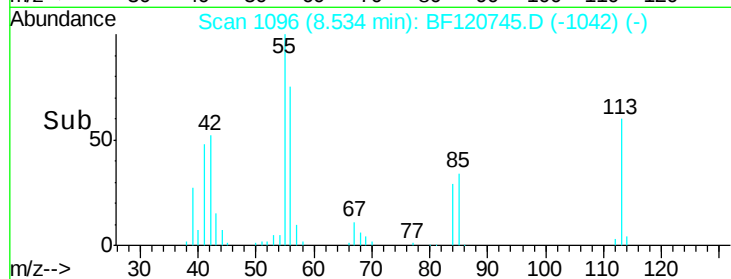
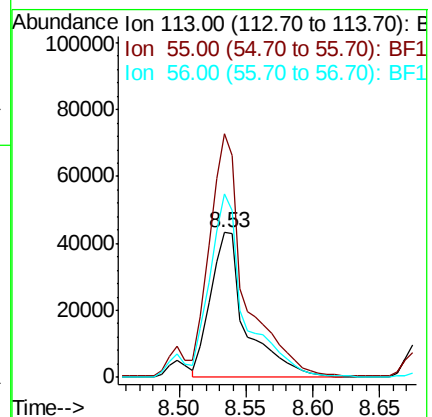
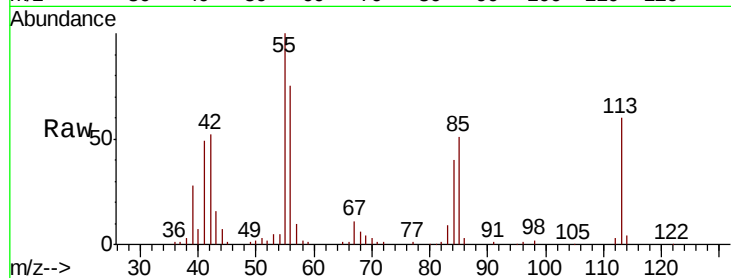
56 126.4 98.6 138.6

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#36

4-Chloro-3-methylphenol

Concen: 46.271 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.04 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

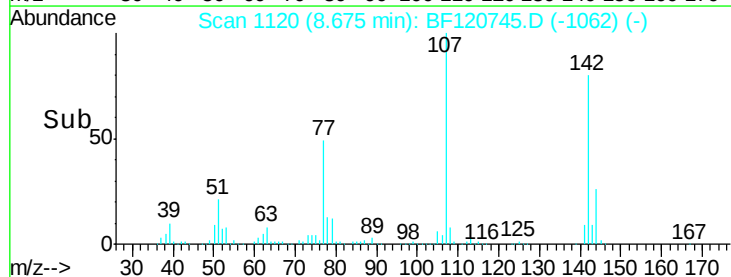
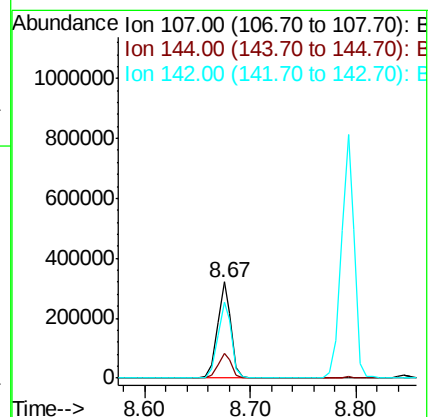
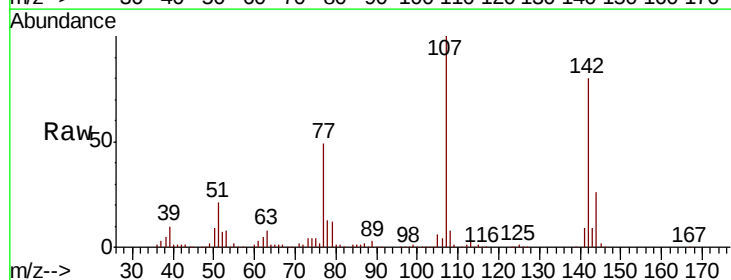
Tgt Ion:107 Resp: 291284

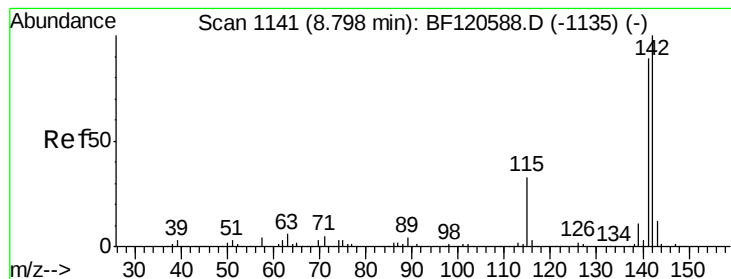
Ion Ratio Lower Upper

107 100

144 25.9 21.9 32.9

142 79.8 67.7 101.5





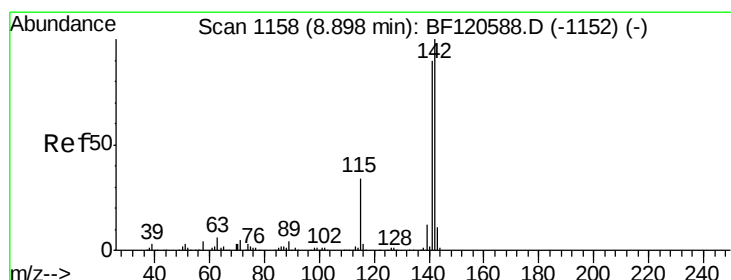
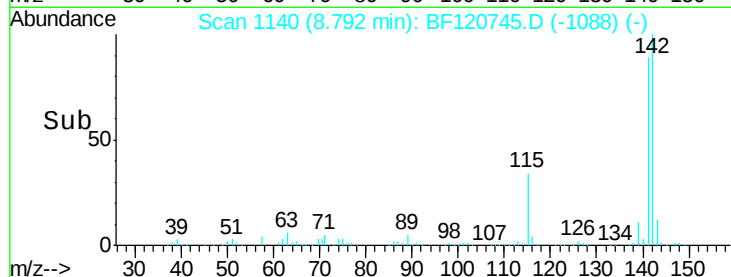
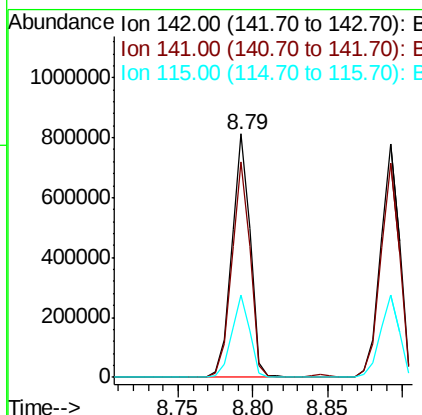
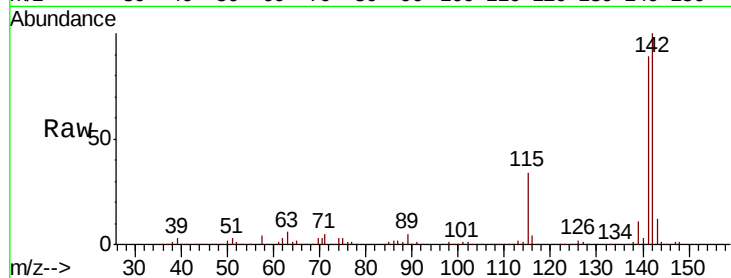
#37
2-Methylnaphthalene
Concen: 52.203 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.2	103.8
115	33.6	26.3	39.5

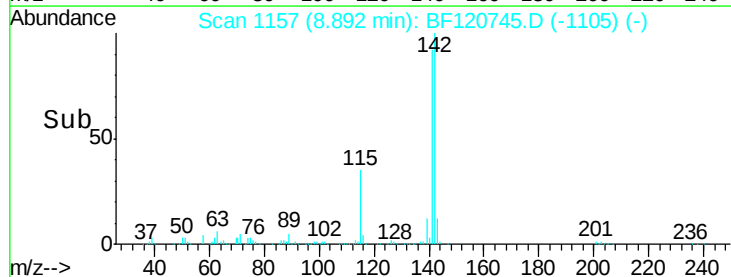
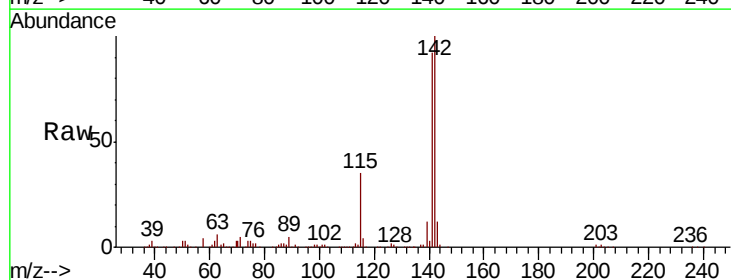
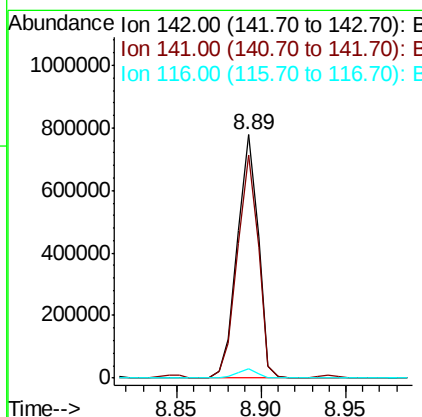
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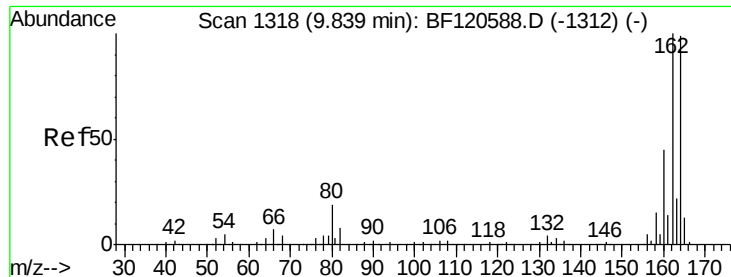
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#38
1-Methylnaphthalene
Concen: 52.248 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	3.8	2.7	4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

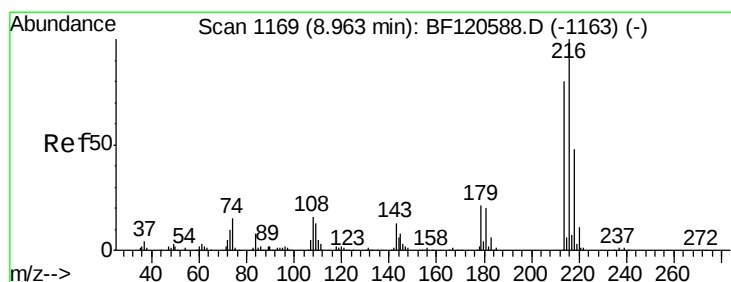
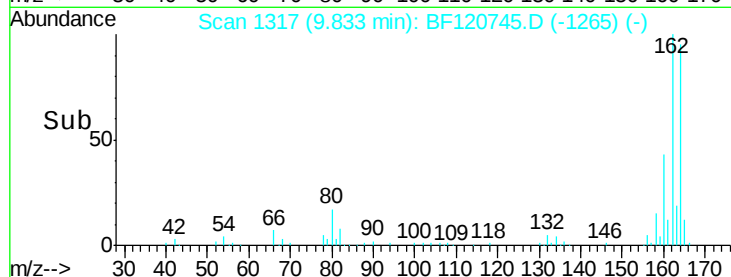
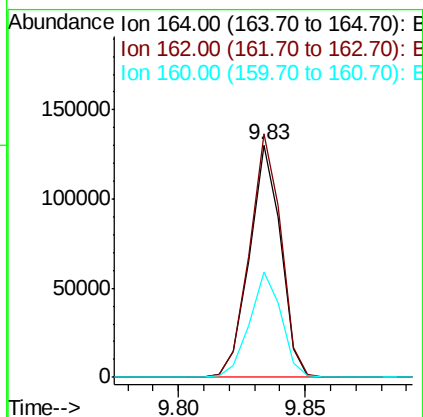
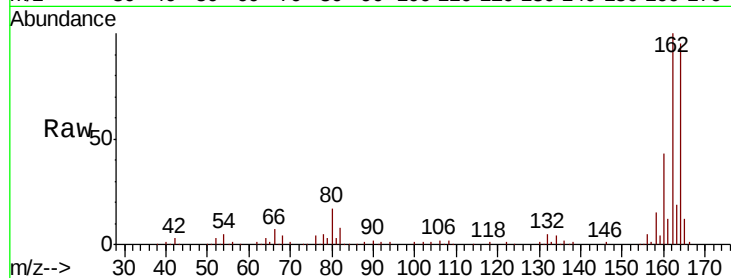
ClientSampleId :

CL-01-062420MSD

Tot Ion:	164	Resp:	112290
Ion Ratio	Lower	Upper	
164	100		
162	104.9	81.4	122.0
160	45.3	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.464 ng

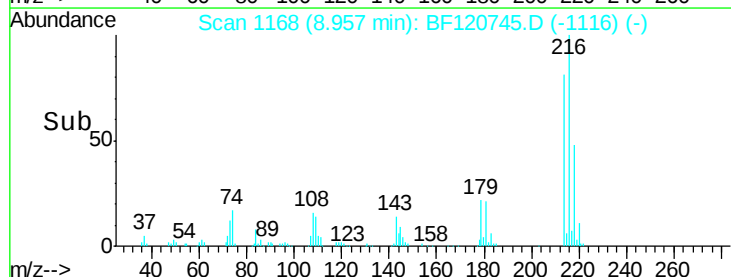
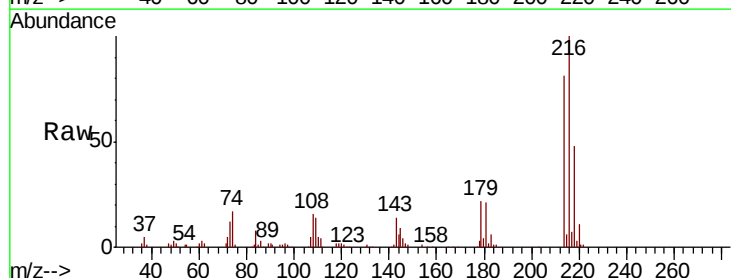
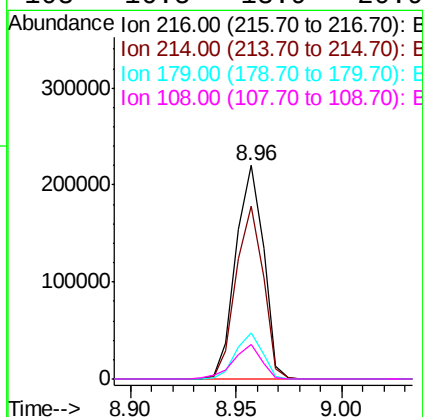
RT: 8.96 min Scan# 1168

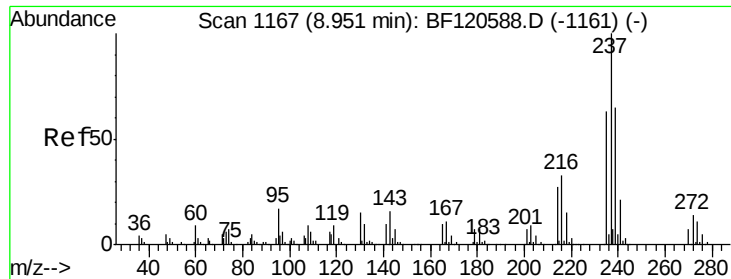
Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:	216	Resp:	199377
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.1	94.7
179	21.0	16.3	24.5
108	16.5	13.9	20.9





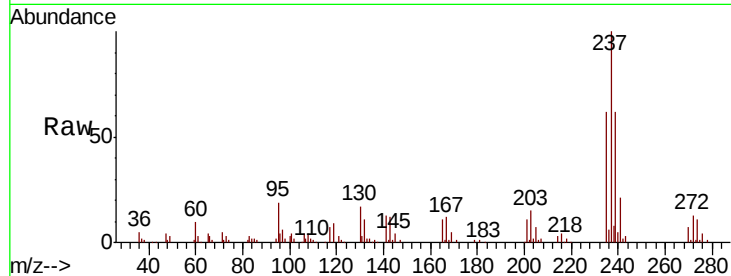
#41
Hexachlorocyclopentadiene
Concen: 38.010 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

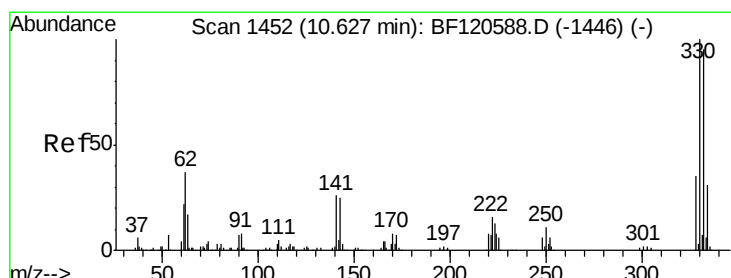
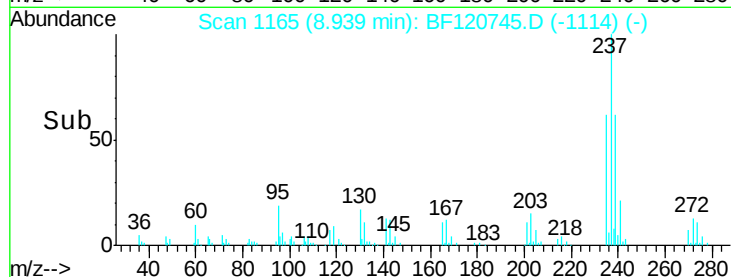
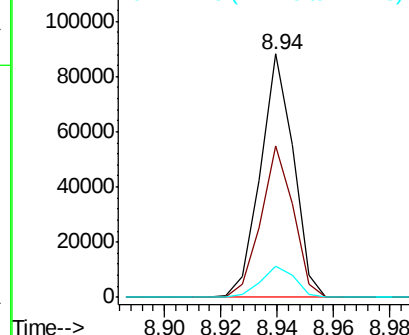
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.2	82.2
272	12.9	0.0	33.6

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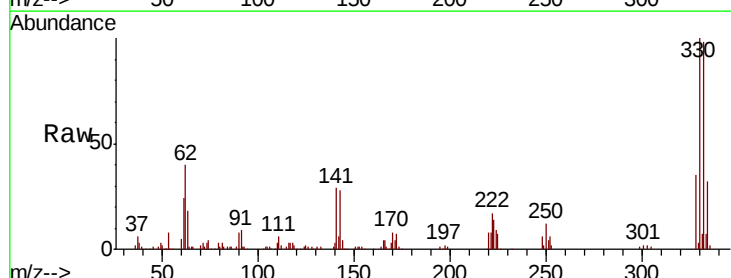


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

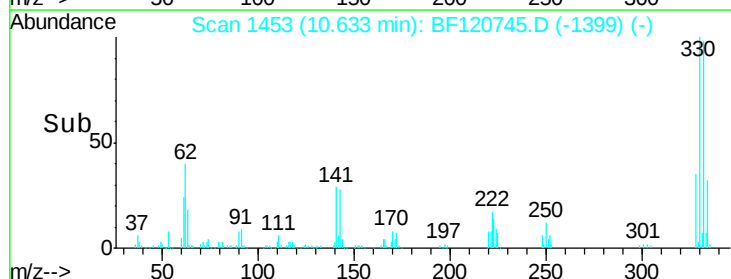
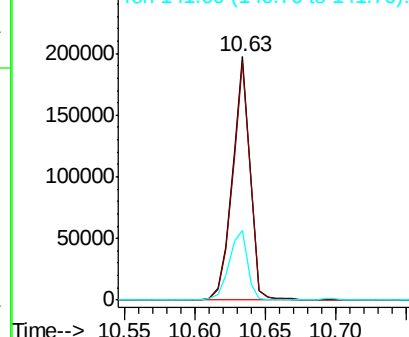


#42
2,4,6-Tribromophenol
Concen: 130.763 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.4	114.6
141	30.4	23.0	34.6



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





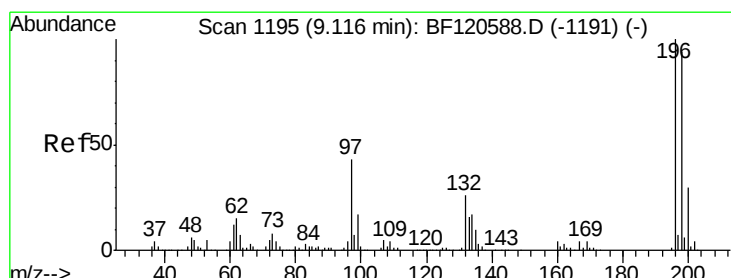
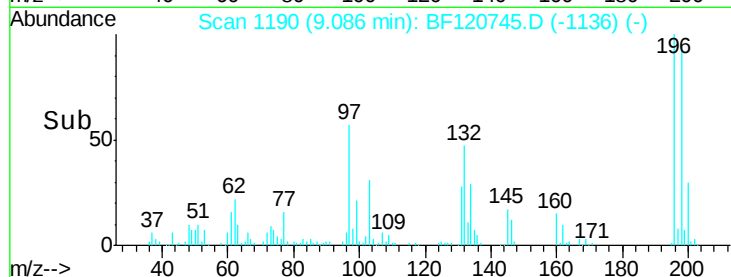
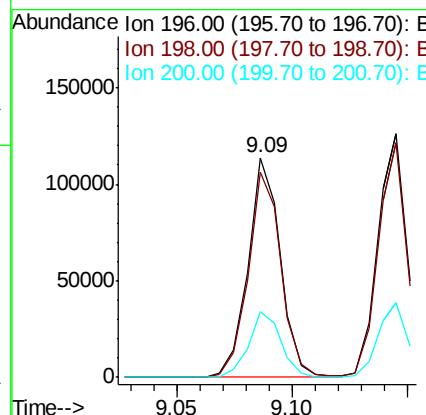
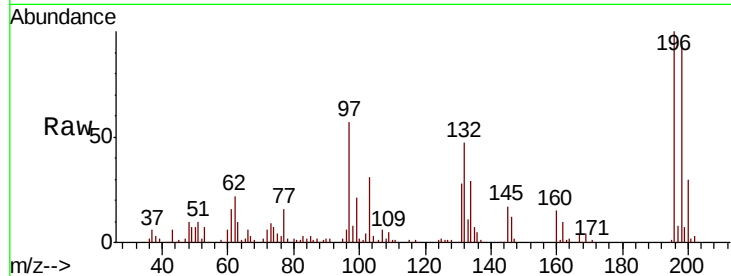
#43
 2,4,6-Trichlorophenol
 Concen: 46.820 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.02 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	111357		
198	93.7	77.8	116.6	
200	30.1	24.7	37.1	

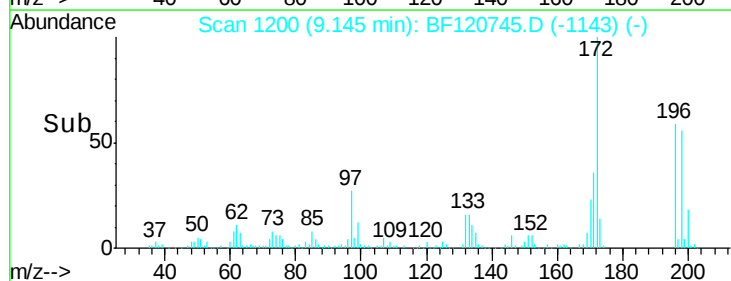
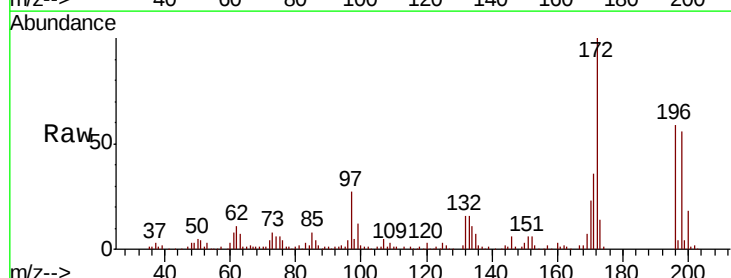
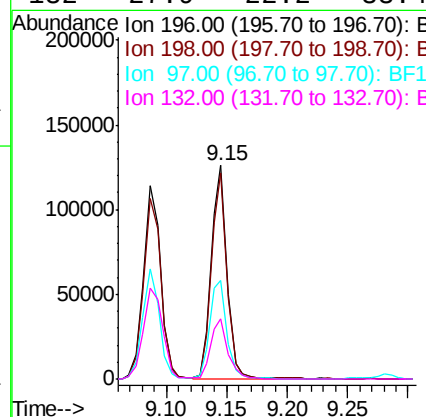
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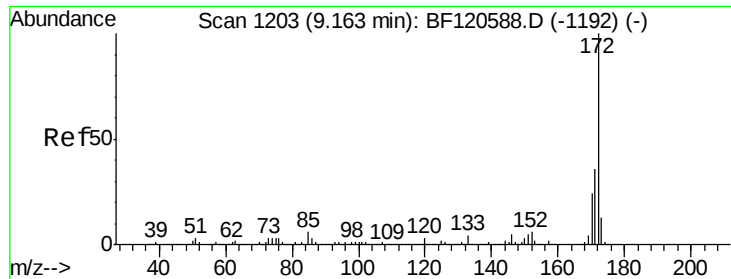
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#44
 2,4,5-Trichlorophenol
 Concen: 42.428 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.04 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114485		
198	96.2	76.2	114.2	
97	46.1	35.8	53.8	
132	27.9	22.2	33.4	





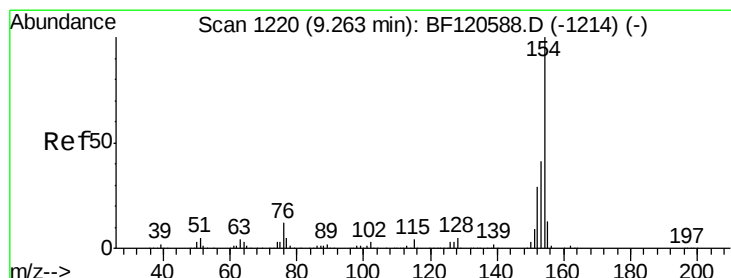
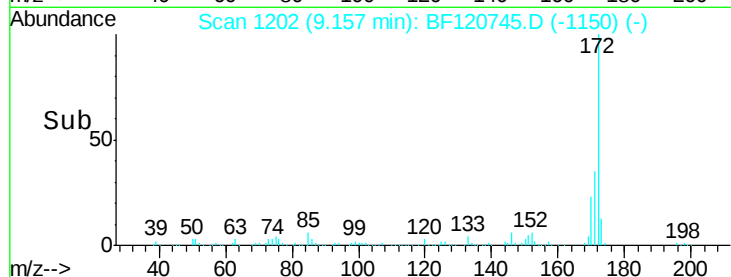
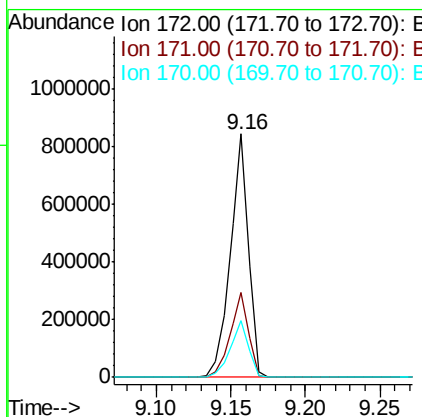
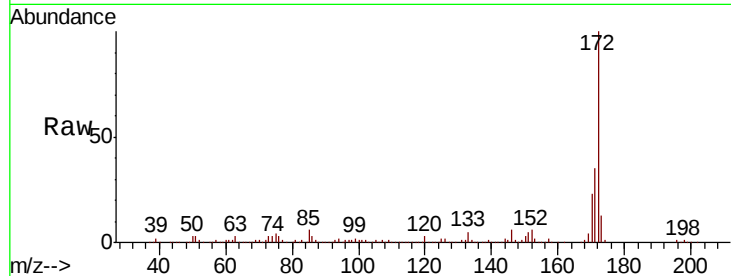
#45
2-Fluorobiphenyl
Concen: 99.562 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.3	19.1	28.7

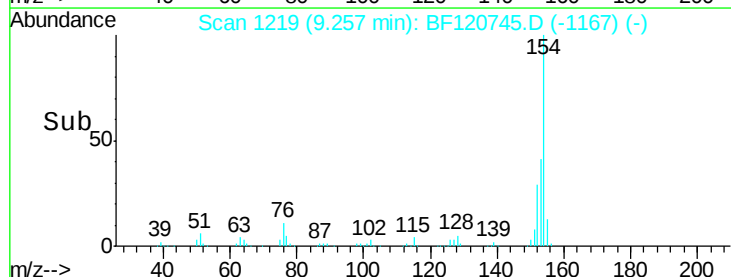
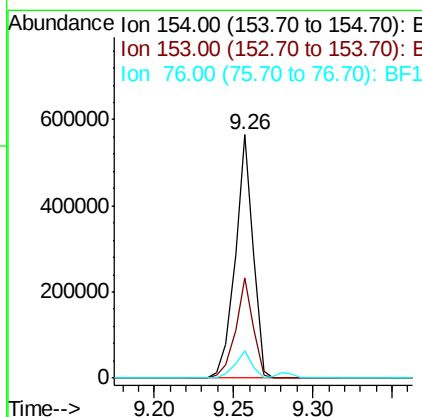
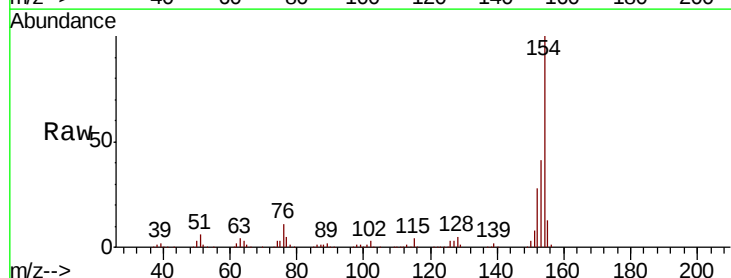
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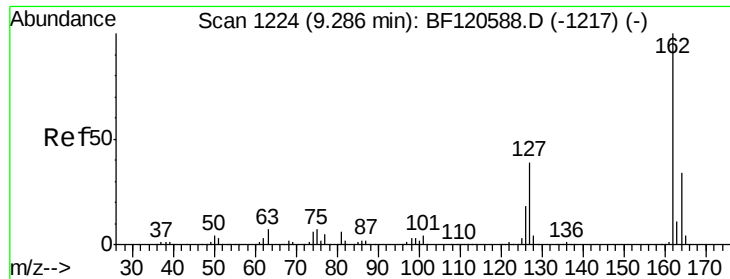
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#46
1,1'-Biphenyl
Concen: 52.563 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.9	59.9
76	11.1	0.0	31.0





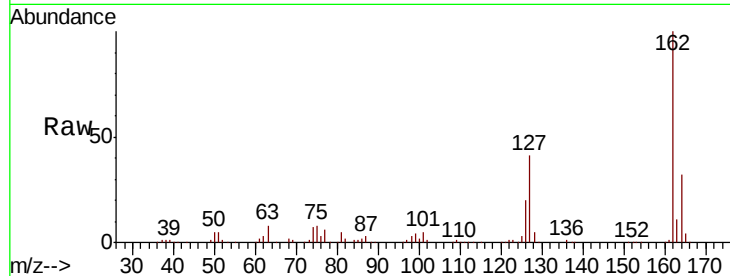
#47
 2-Chloronaphthalene
 Concen: 49.737 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

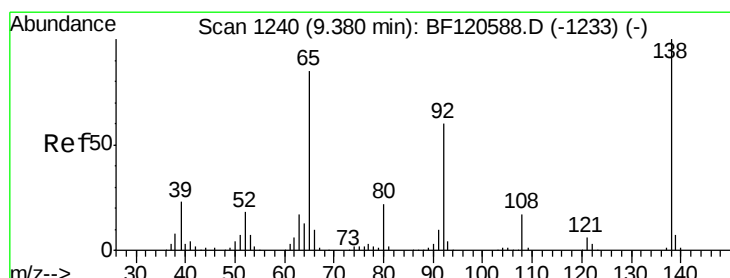
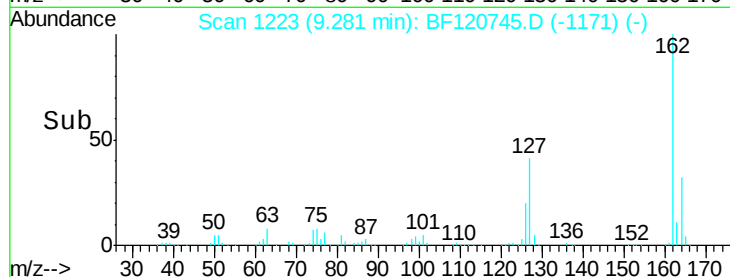
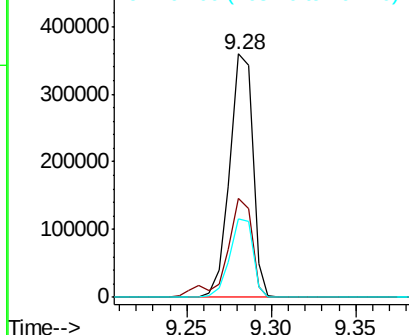
Tot Ion	Ratio	Resp	Lower	Upper
162	100	341025		
127	40.8		31.2	46.8
164	32.5		26.6	40.0

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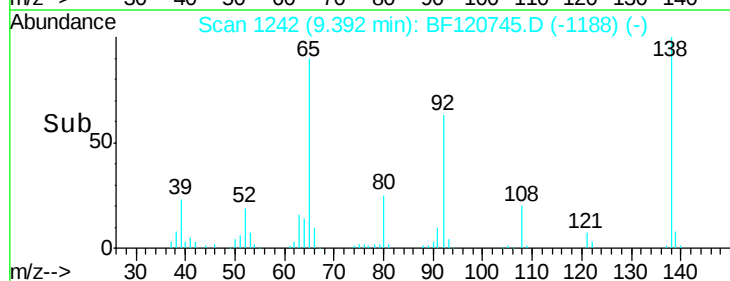
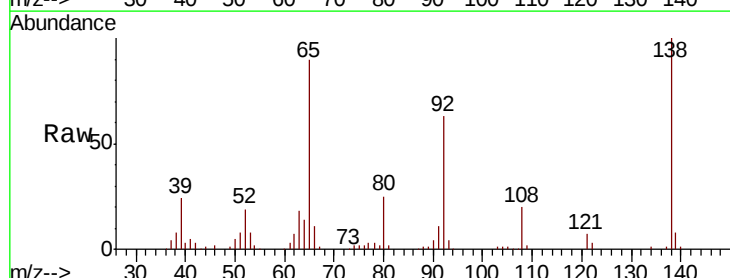
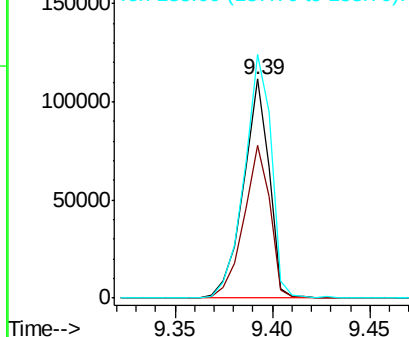
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

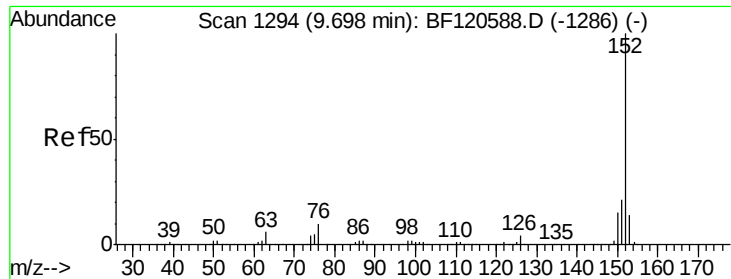


#48
 2-Nitroaniline
 Concen: 47.247 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.02 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	101743		
92	69.6		57.7	86.5
138	111.3		96.6	145.0

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: 49.070 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

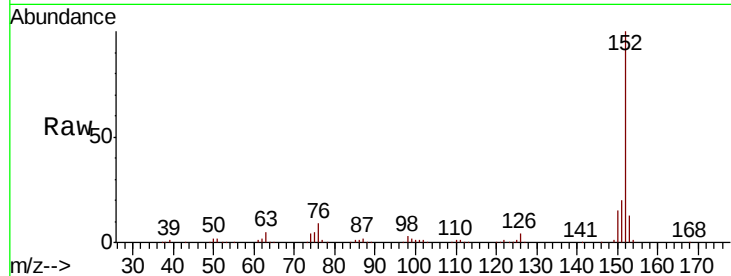
ClientSampleId :

CL-01-062420MSD

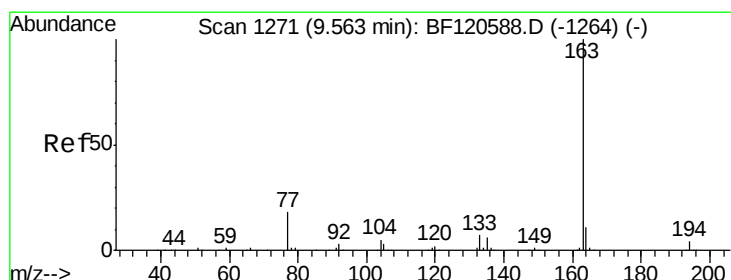
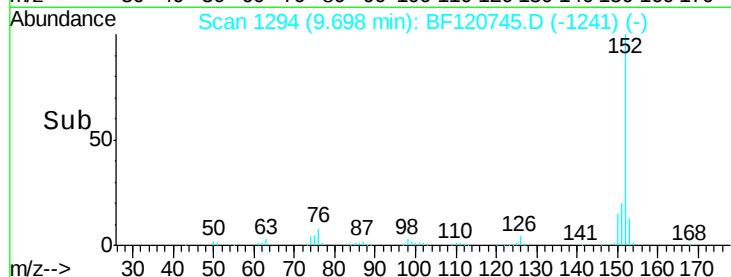
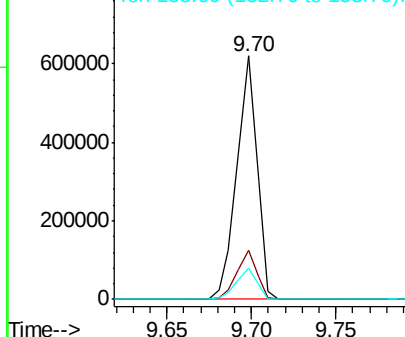
Tot Ion:	152	Resp:	519250
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.8
153	13.0	10.9	16.3

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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: 56.375 ng

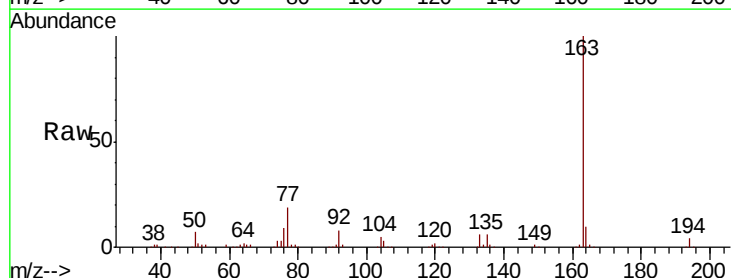
RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

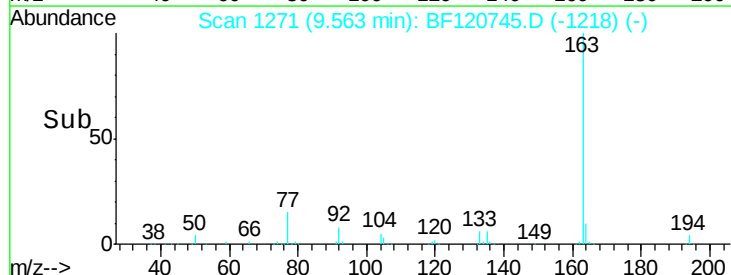
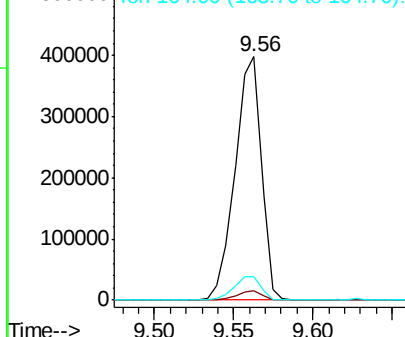
Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:	163	Resp:	455914
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.6	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: 47.587 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

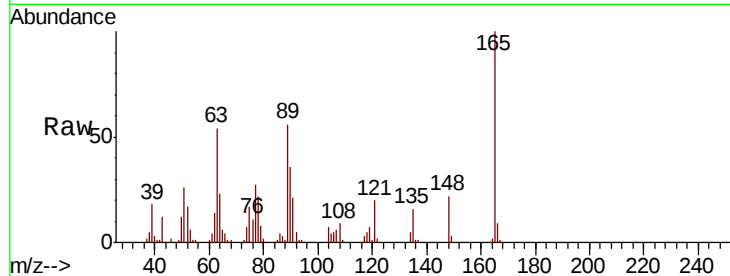
ClientSampleId :

CL-01-062420MSD

Tot Ion:	165	Resp:	87216
Ion Ratio	Lower	Upper	
165	100		
63	53.7	36.8	55.2
89	55.6	39.4	59.0

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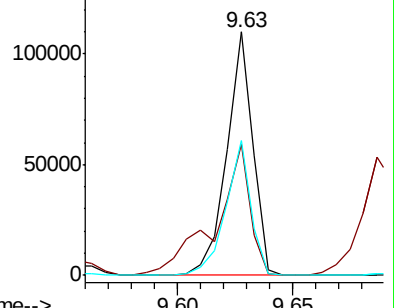
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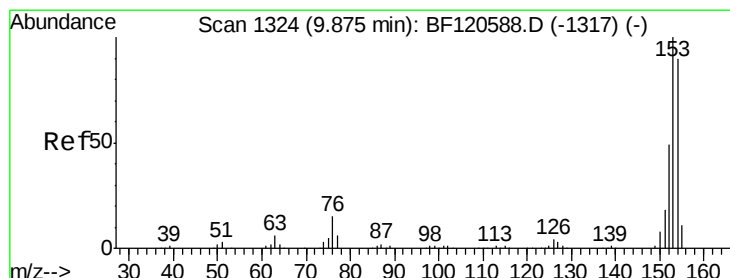
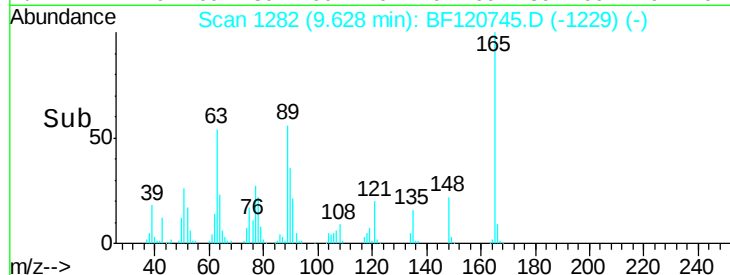
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#52

Acenaphthene

Concen: 49.379 ng

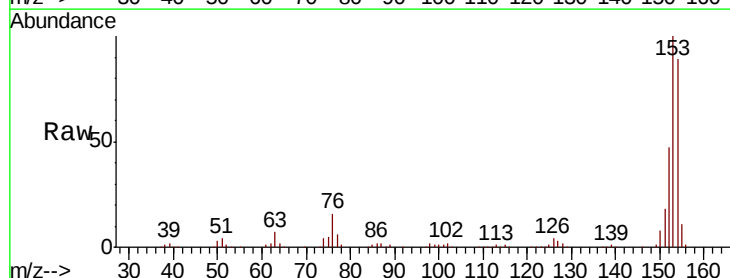
RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

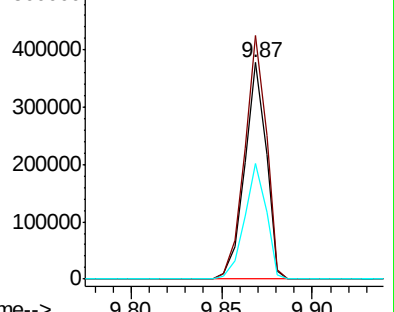
Tgt Ion:	154	Resp:	311632
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.1	135.1
152	53.4	43.1	64.7



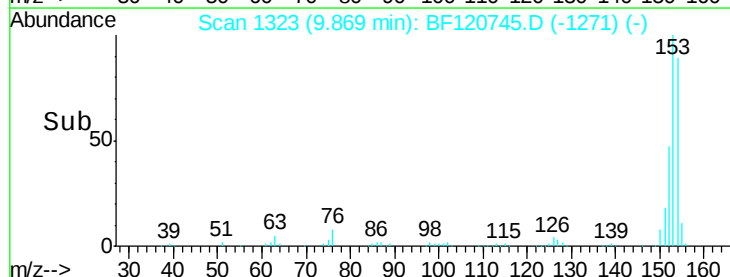
Abundance Ion 154.00 (153.70 to 154.70): E

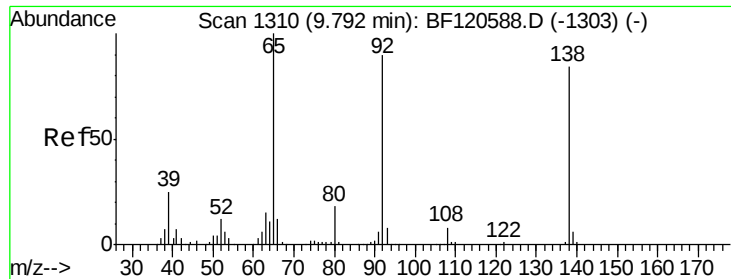
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





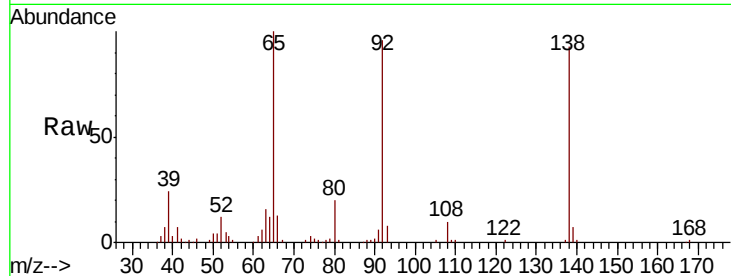
#53
3-Nitroaniline
Concen: 34.778 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

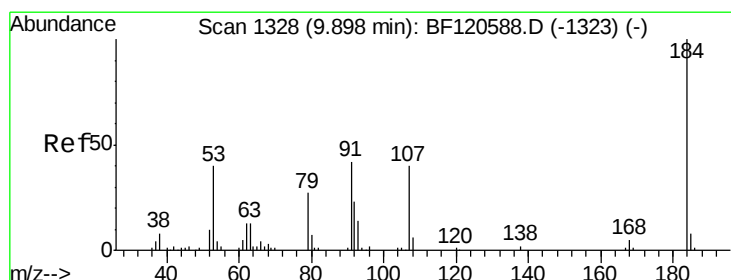
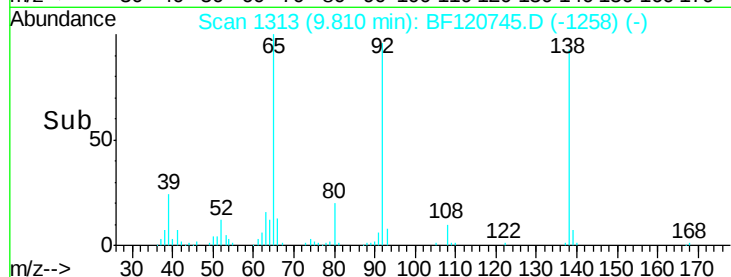
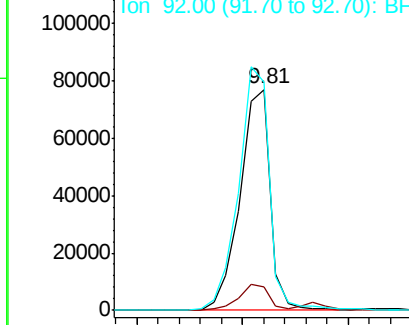
Tot Ion:138 Resp: 76558
Ion Ratio Lower Upper
138 100
108 10.5 7.6 11.4
92 103.3 82.2 123.4

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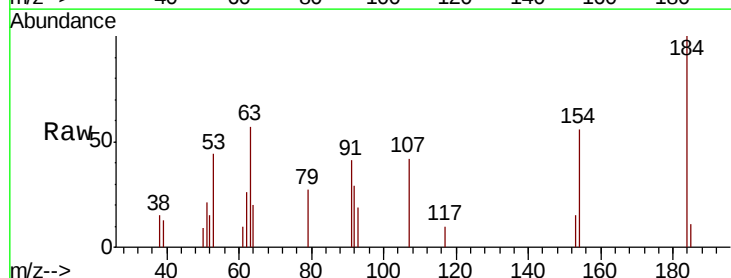


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

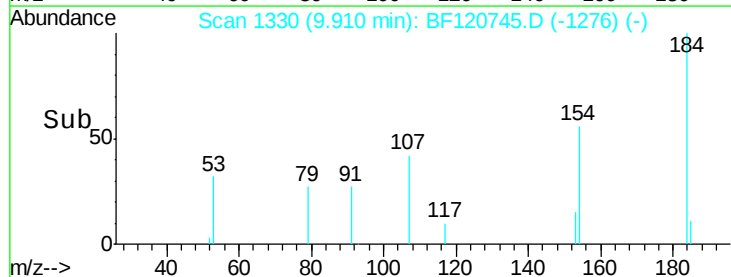
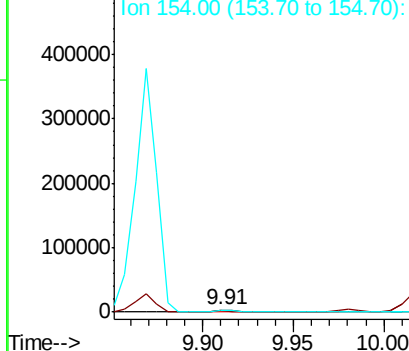


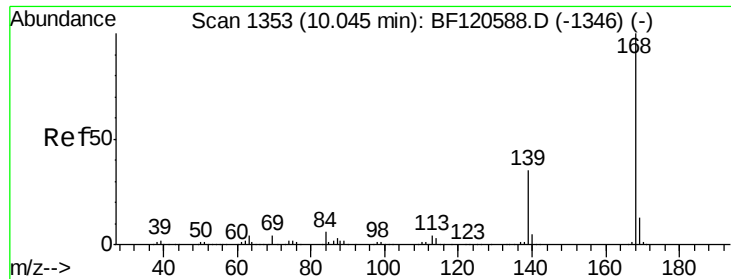
#54
2,4-Dinitrophenol
Concen: 8.234 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion:184 Resp: 5781
Ion Ratio Lower Upper
184 100
63 57.4 47.4 71.0
154 56.2 45.3 67.9



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





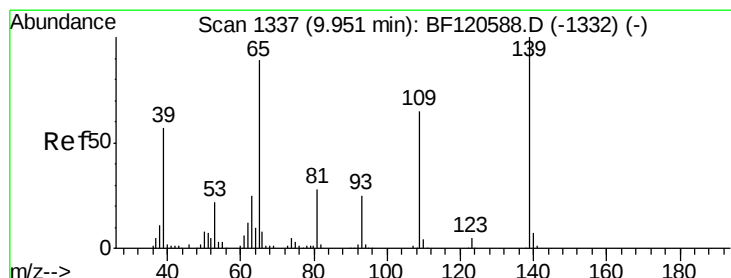
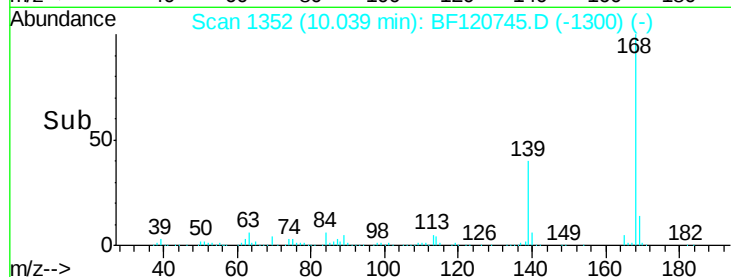
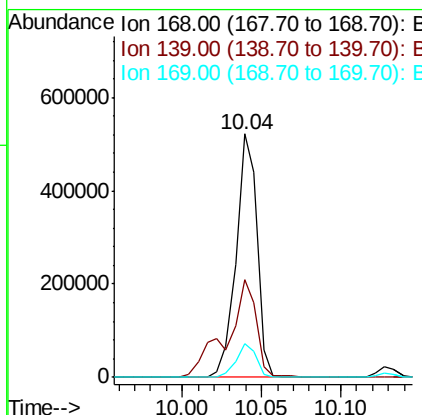
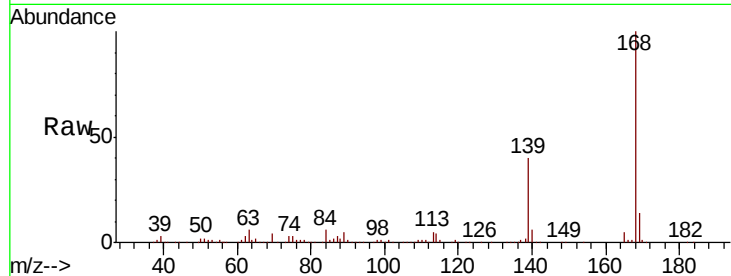
#55
Dibenzenofuran
Concen: 49.070 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	28.6	43.0
169	13.9	10.7	16.1

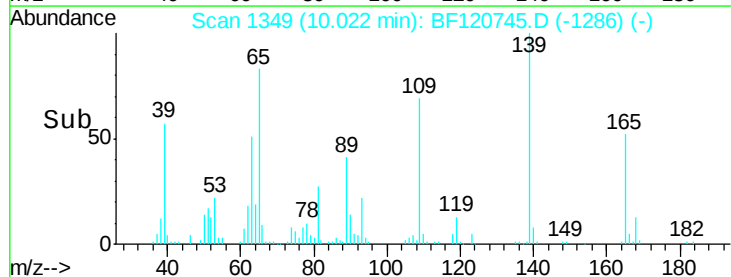
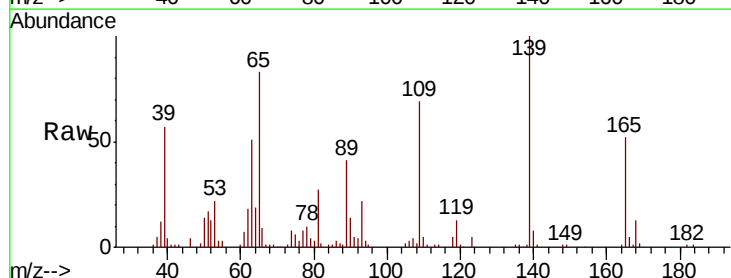
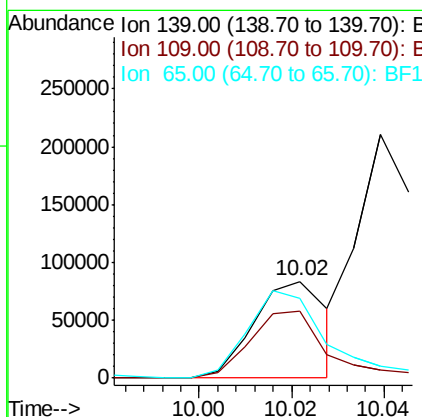
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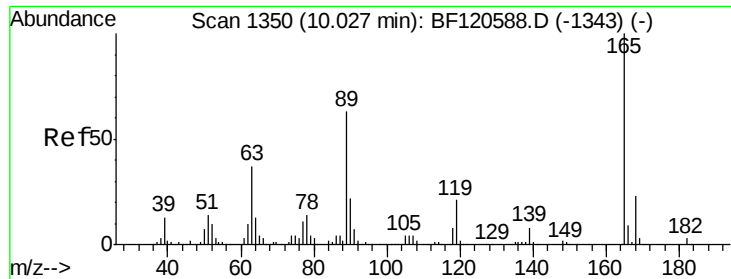
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#56
4-Nitrophenol
Concen: 55.261 ng m
RT: 10.02 min Scan# 1349
Delta R.T. 0.07 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.2	44.5	84.5
65	82.6	69.7	109.7





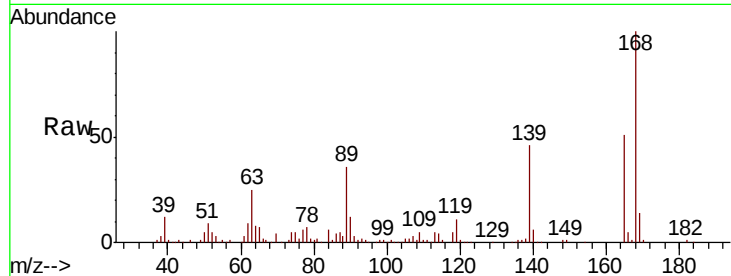
#57
2,4-Dinitrotoluene
Concen: 46.097 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

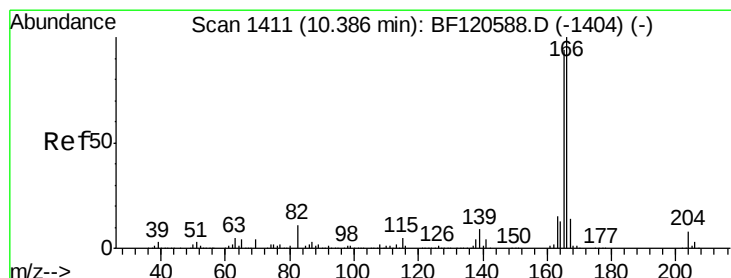
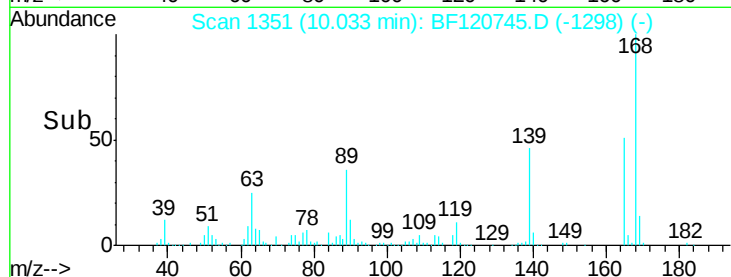
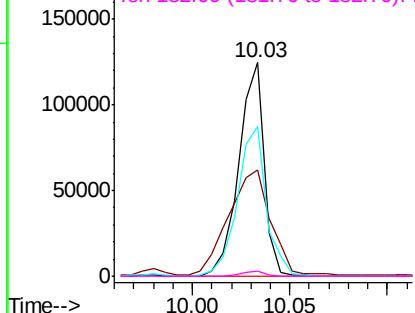
Tot Ion	Ratio	Resp	Lower	Upper
165	100	112108		
63	49.6	30.1	45.1	#
89	70.1	49.2	73.8	
182	2.4	2.0	3.0	

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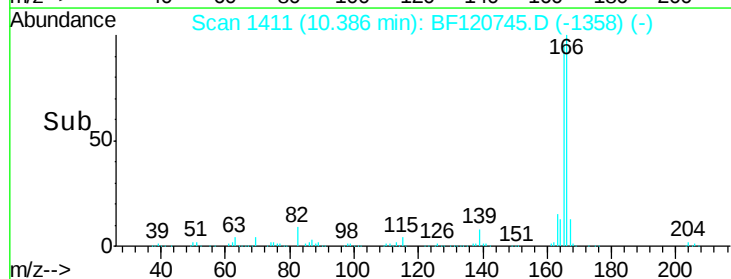
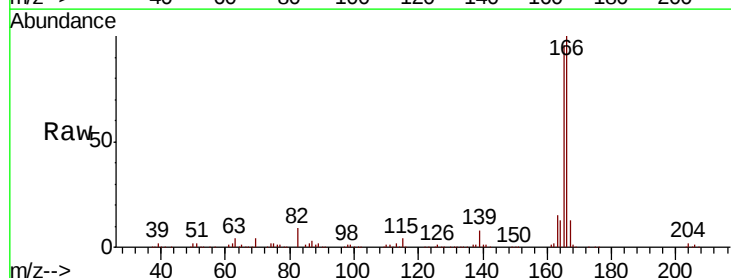
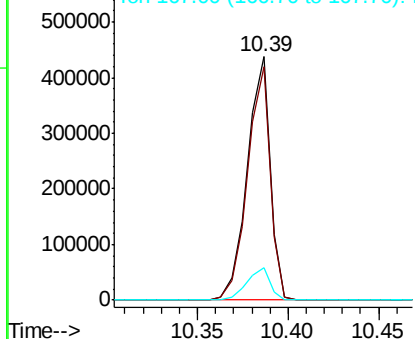
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

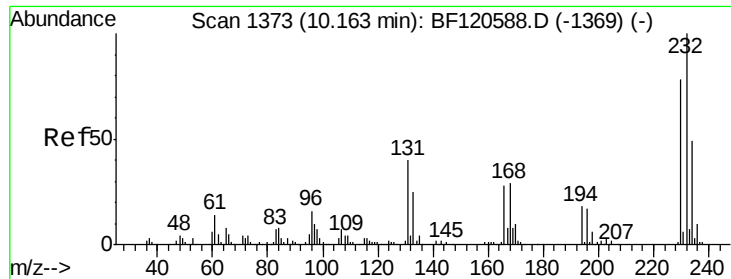


#58
Fluorene
Concen: 51.502 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	384193		
165	95.6	74.6	112.0	
167	13.4	10.9	16.3	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





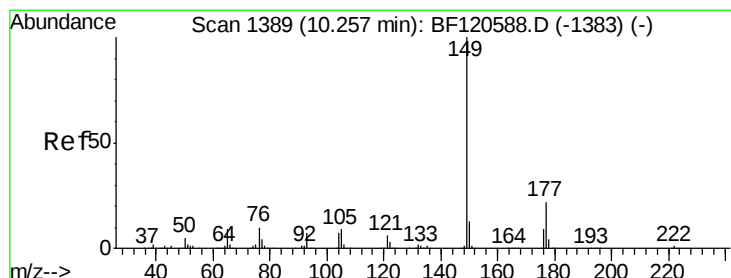
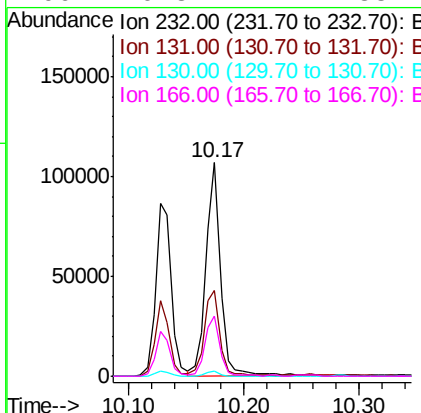
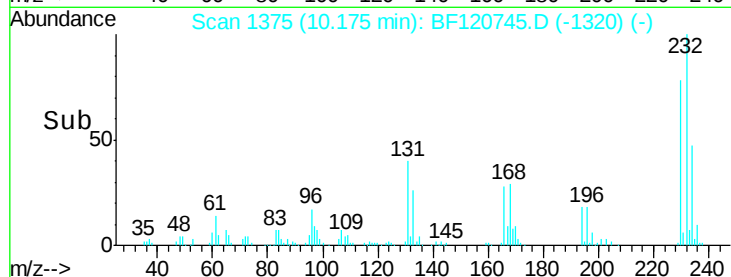
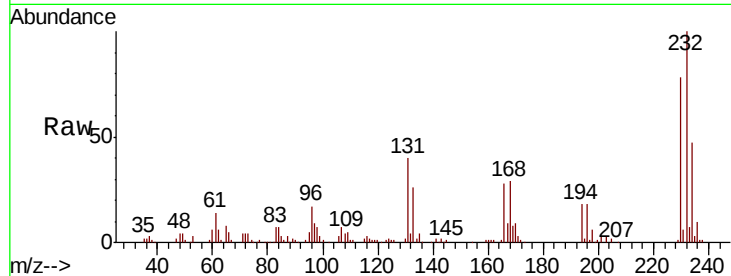
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.443 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	43.5	32.4	48.6	
130	2.1	1.4	2.2	
166	29.3	22.1	33.1	

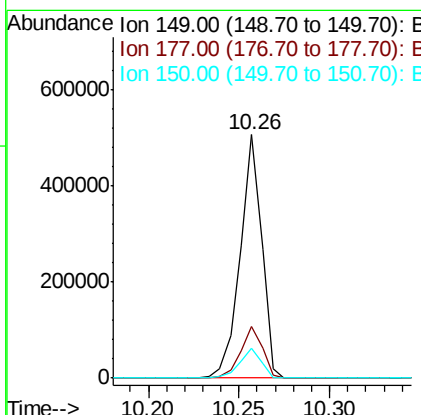
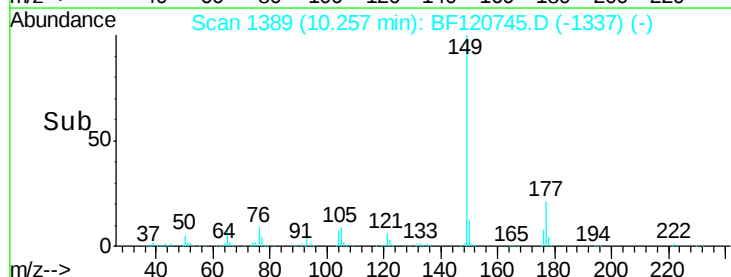
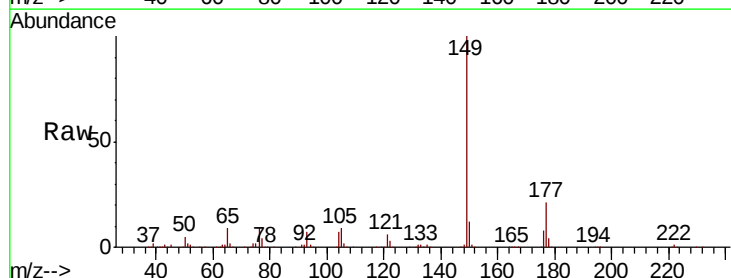
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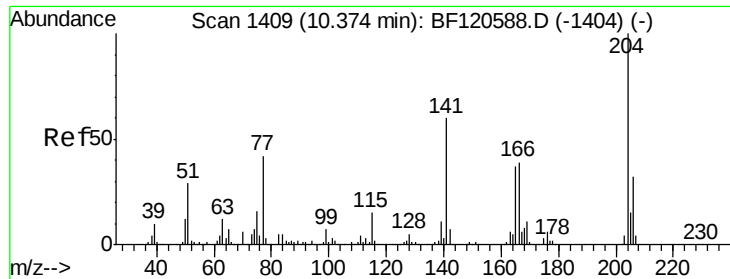
mohammad
6/30/2020 4:15:01 PM



#60
Diethylphthalate
Concen: 52.444 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	21.2	18.0	27.0	
150	12.3	9.8	14.6	





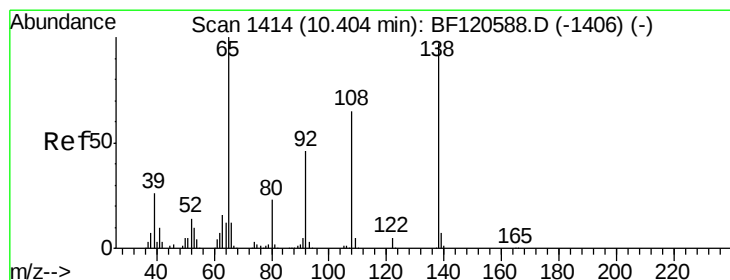
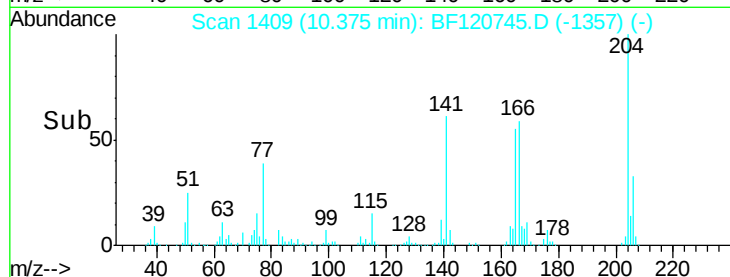
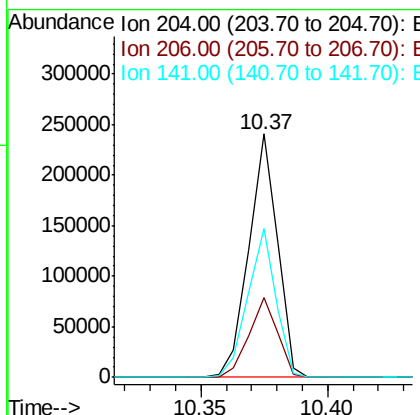
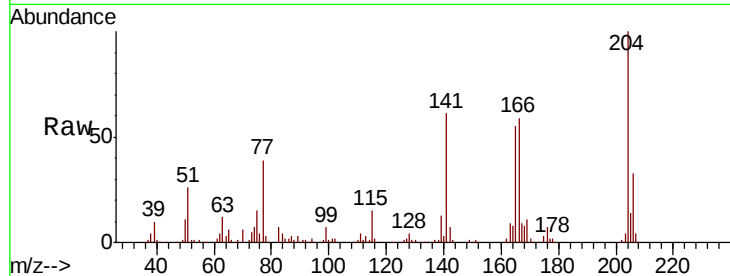
#61
4-Chlorophenyl-phenylether
Concen: 49.289 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	60.9	42.9	64.3

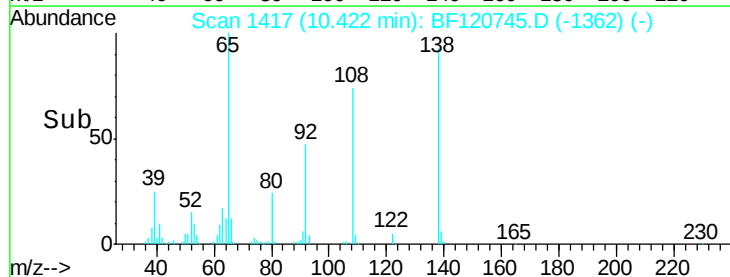
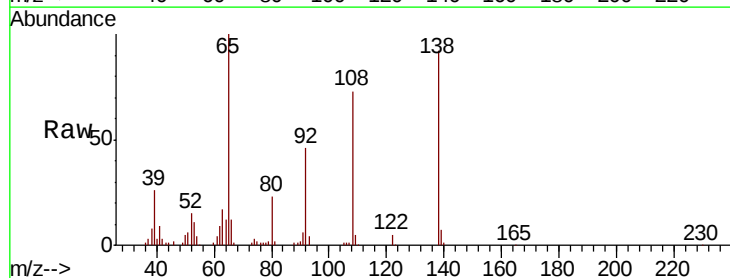
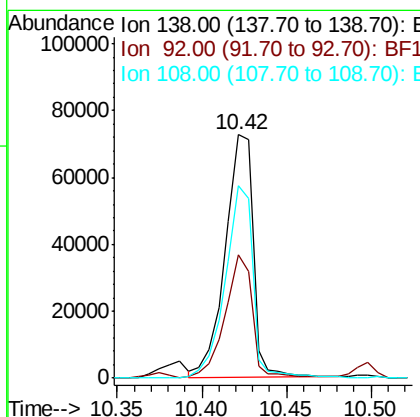
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#62
4-Nitroaniline
Concen: 38.070 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	26.4	66.4
108	79.0	45.5	85.5





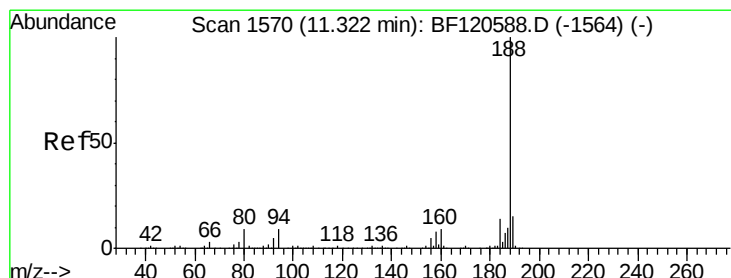
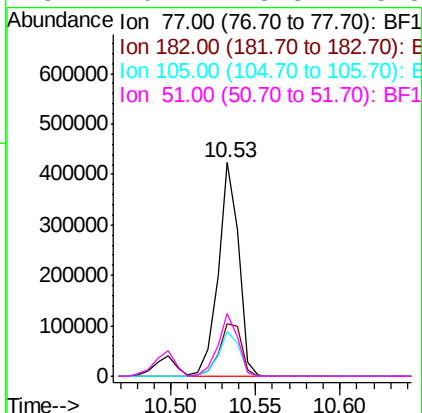
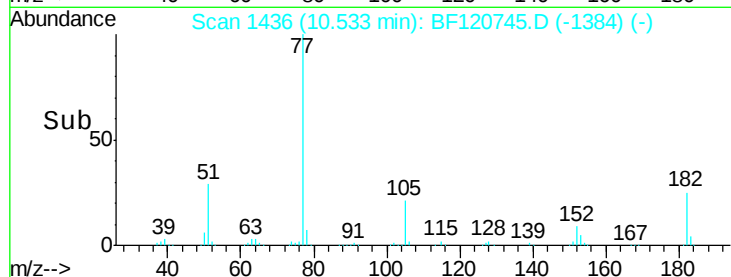
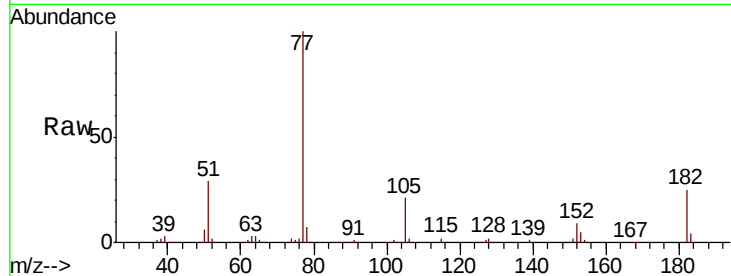
#63
Azobenzene
Concen: 49.207 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	7.6	47.6
105	21.2	3.9	43.9
51	29.4	8.8	48.8

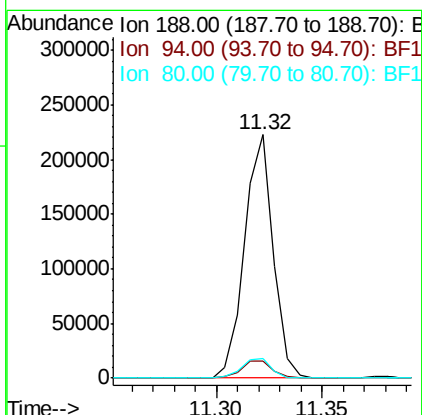
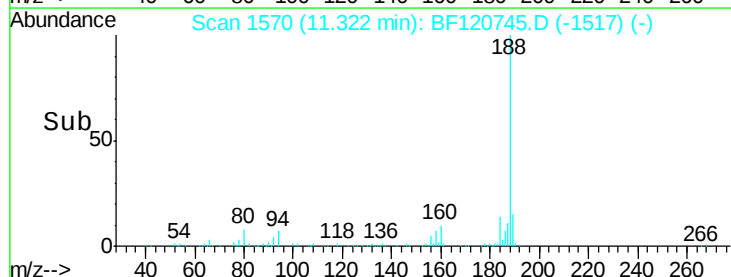
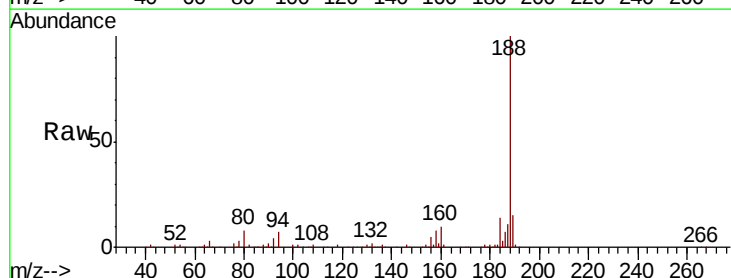
Manual Integrations
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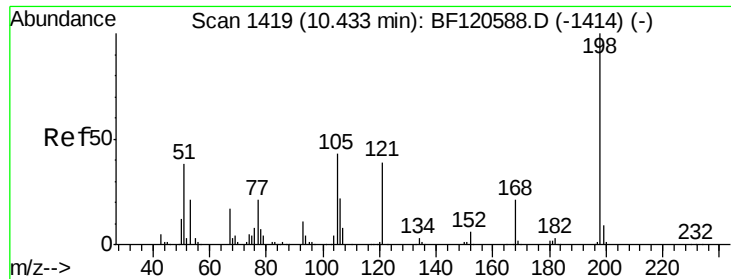
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.5	11.3#
80	8.1	7.7	11.5





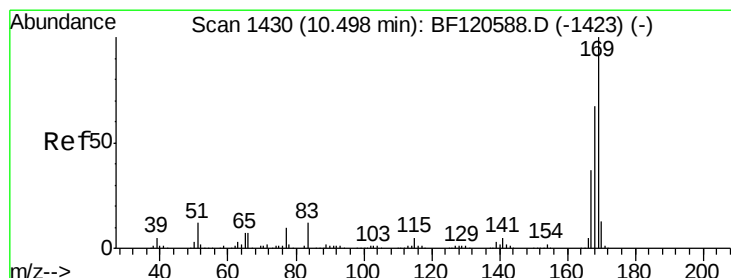
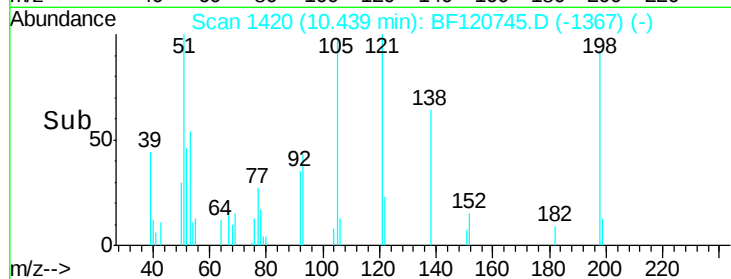
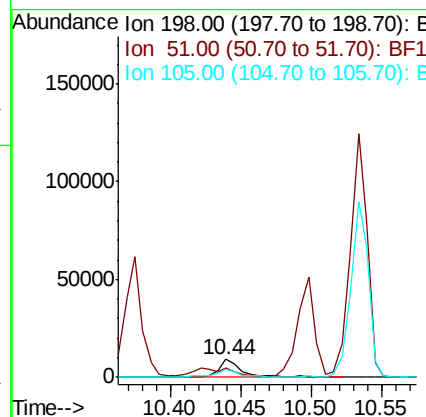
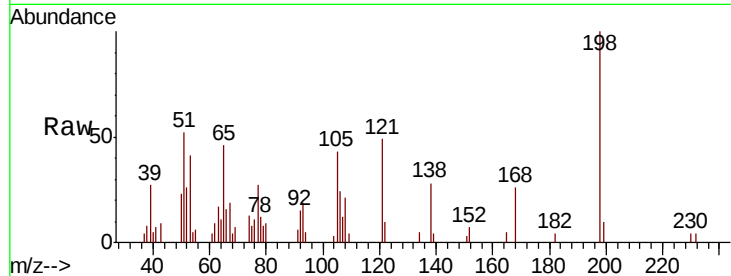
#65
4,6-Dinitro-2-methylphenol
Concen: 8.498 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.5	23.6	63.6
105	43.3	24.0	64.0

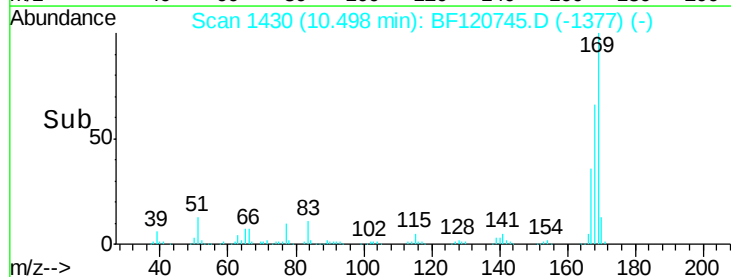
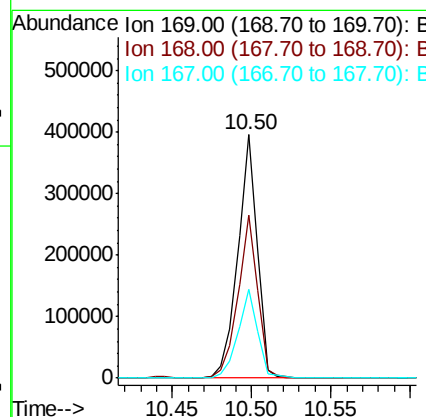
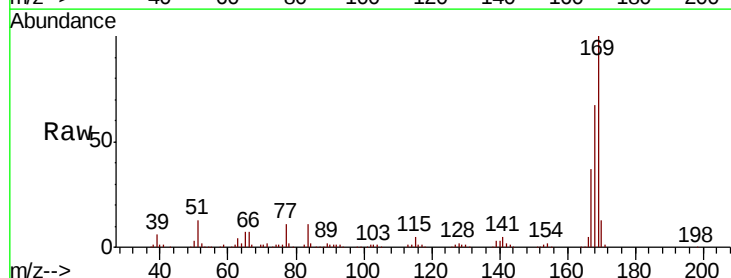
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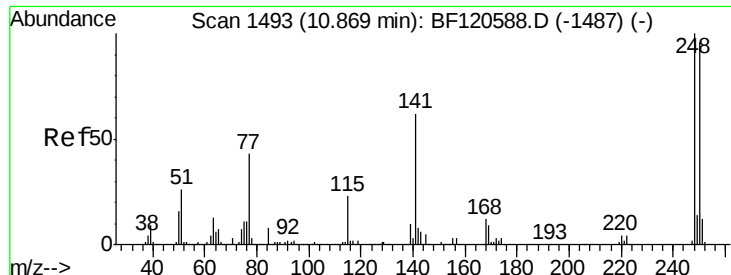
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 52.394 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.6	29.2	43.8





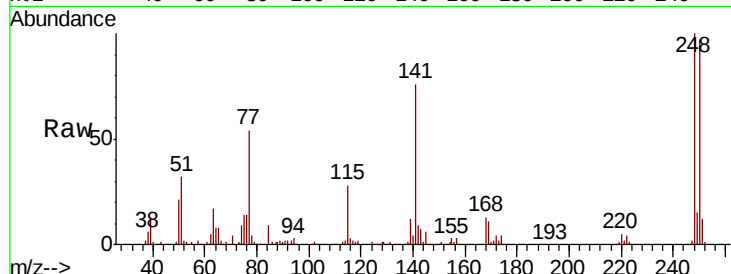
#67
 4-Bromophenyl-phenylether
 Concen: 50.326 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.8	116.6
141	75.6	52.0	78.0

Manual Integrations
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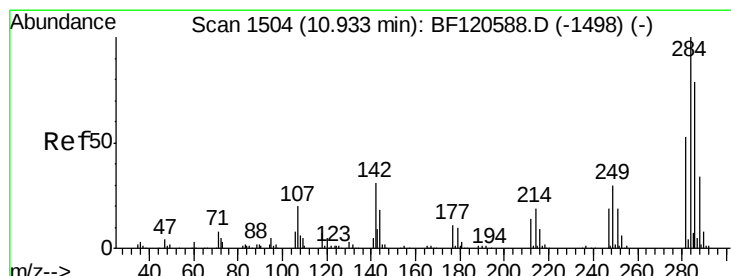
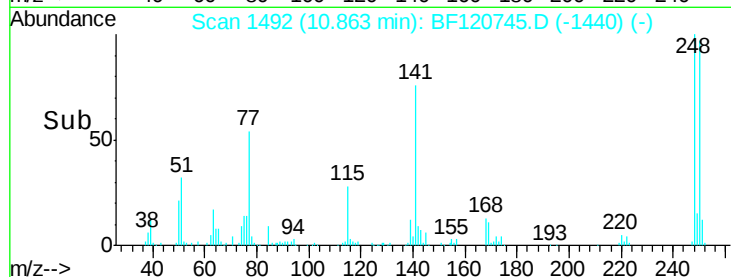
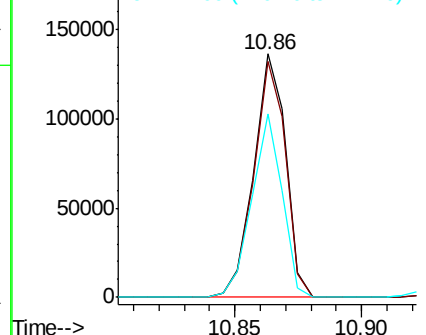


Abundance

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: 51.145 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

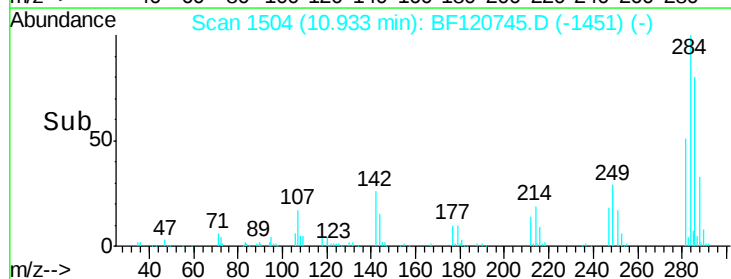
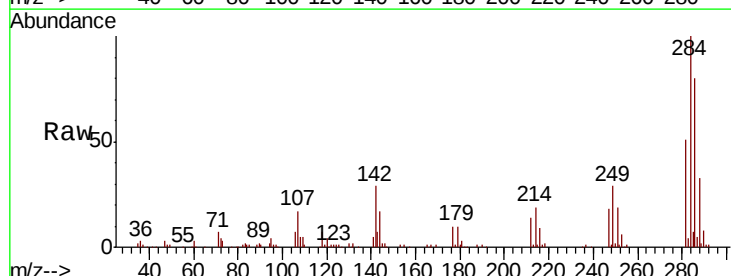
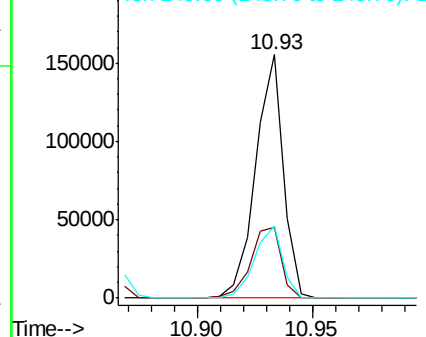
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	26.7	40.1
249	29.4	24.0	36.0

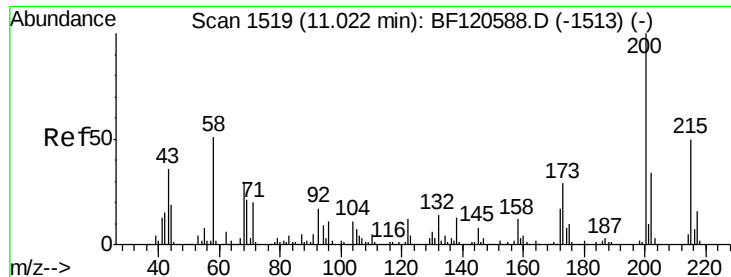
Abundance

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





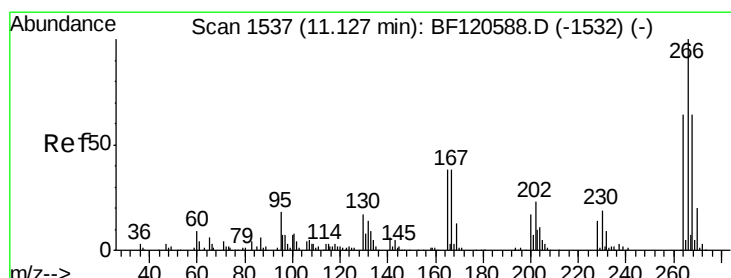
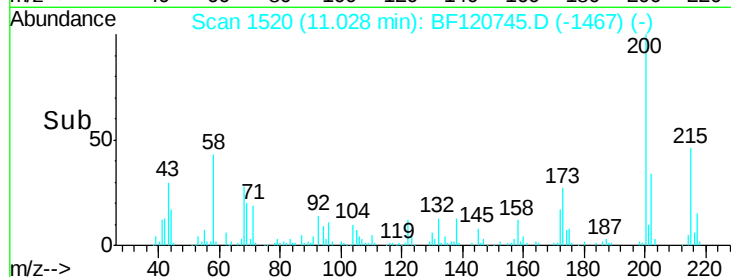
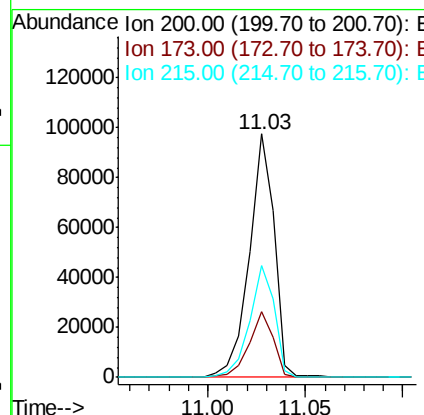
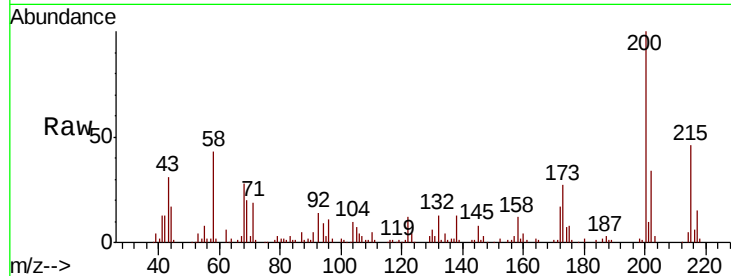
#69
Atrazine
Concen: 43.270 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.7	46.7
215	45.9	28.6	68.6

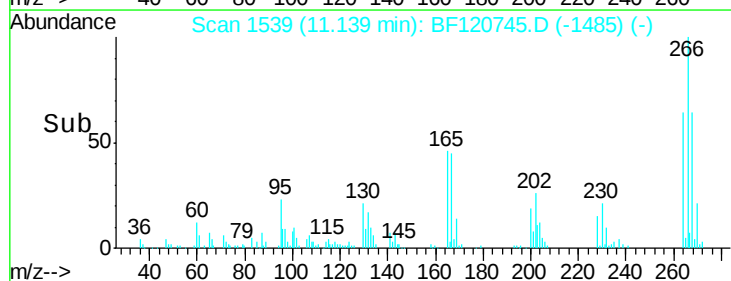
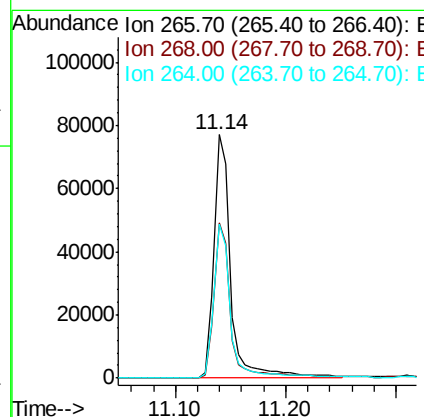
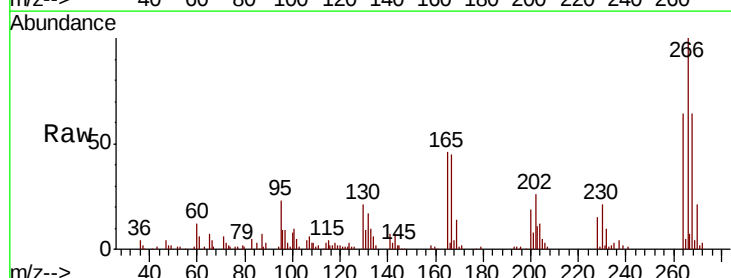
Manual Integrations
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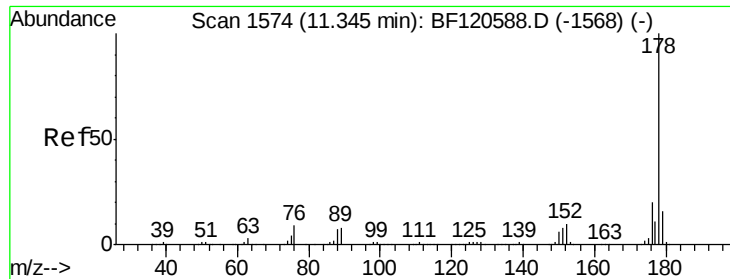
mohammad
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#70
Pentachlorophenol
Concen: 56.388 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.8	77.6
264	63.5	51.3	76.9





#71

Phenanthrene

Concen: 51.661 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

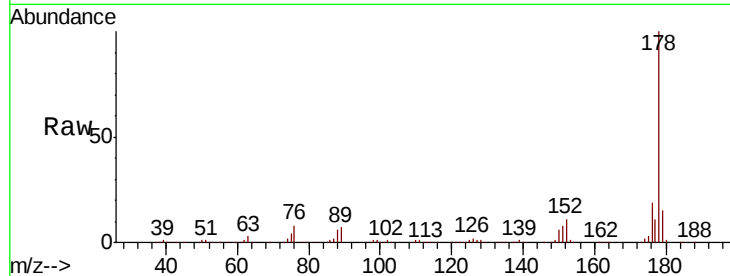
ClientSampleId :

CL-01-062420MSD

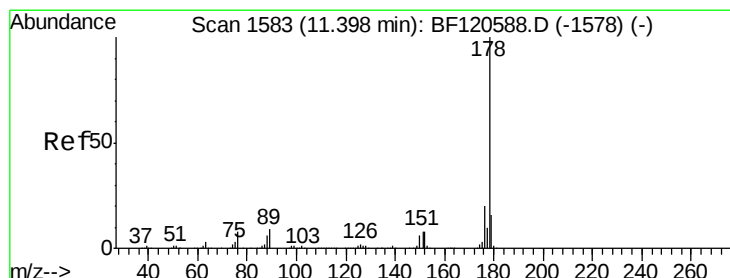
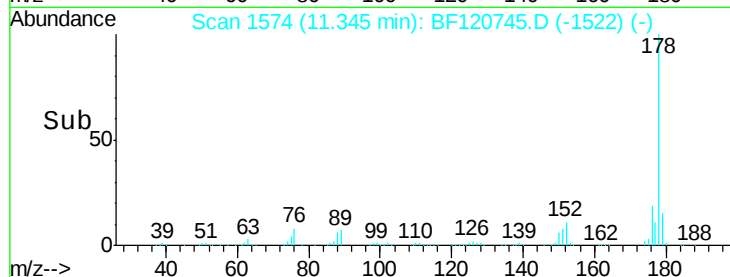
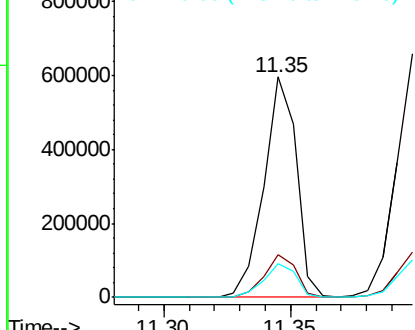
Tot Ion:178	Resp:	537675
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.6
179	15.4	12.3 18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.040 ng

RT: 11.40 min Scan# 1583

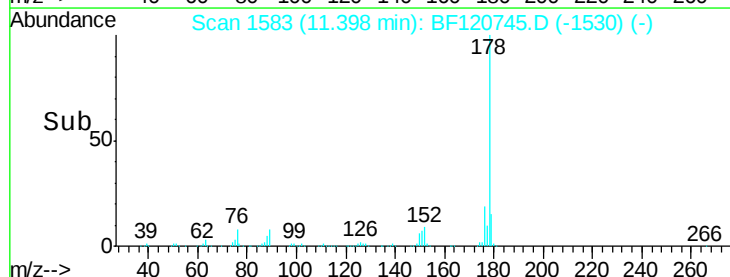
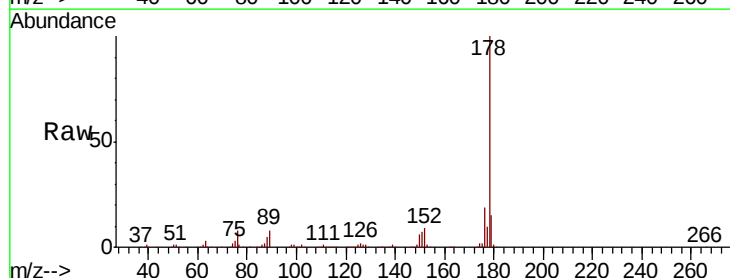
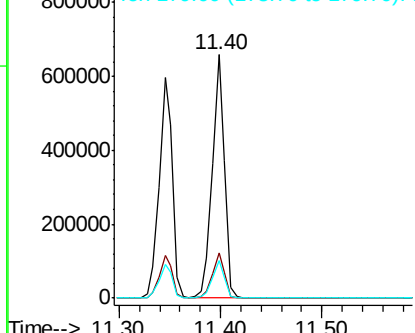
Delta R.T. 0.01 min

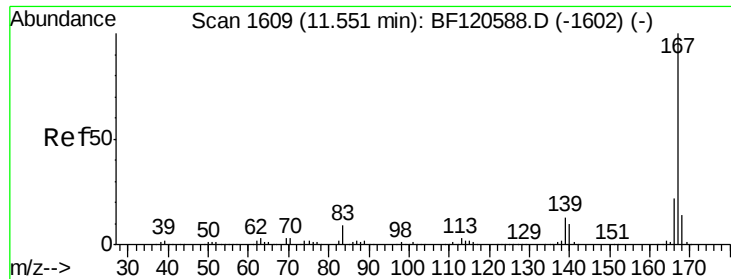
Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:178	Resp:	556432
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.4 23.2
179	15.4	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





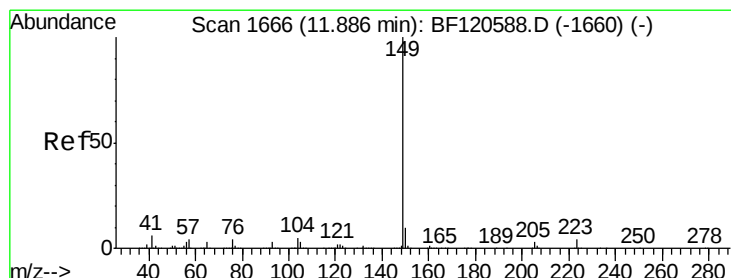
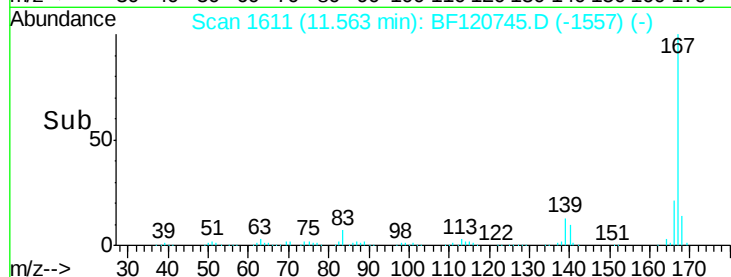
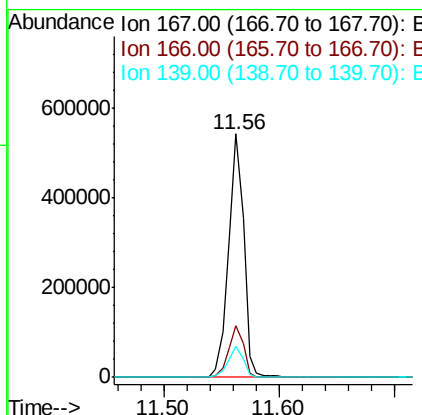
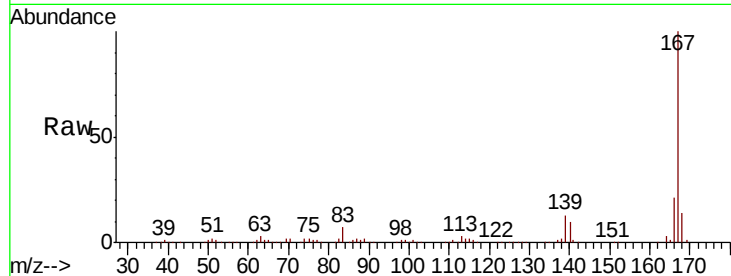
#73
 Carbazole
 Concen: 47.801 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.02 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.4	17.7	26.5	
139	12.8	10.2	15.2	

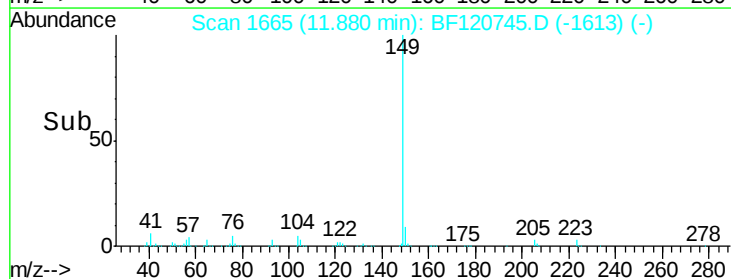
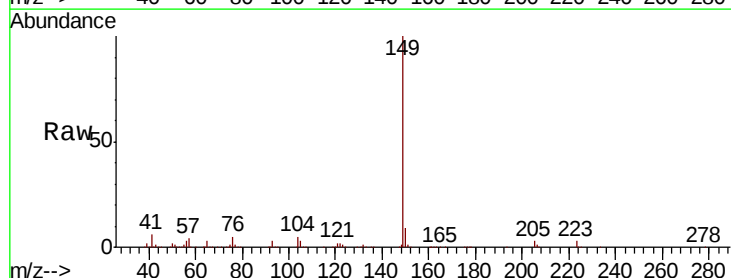
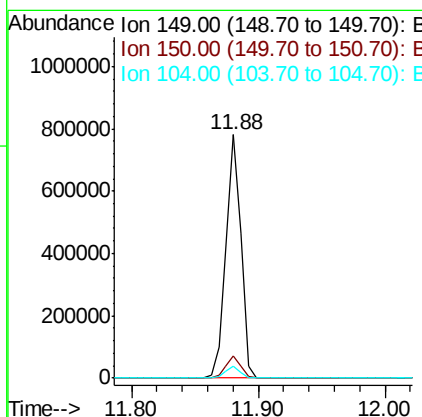
Manual Integrations
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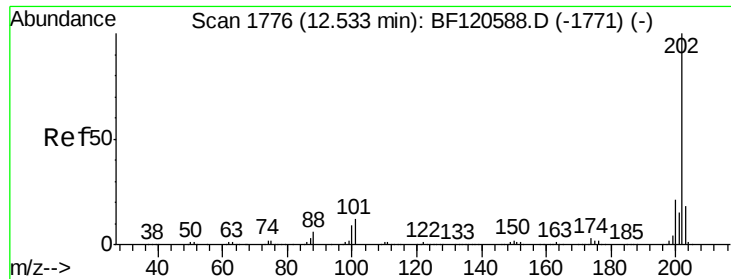
mohammad
 6/30/2020 4:15:01 PM



#74
 Di-n-butylphthalate
 Concen: 54.850 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.5	11.3	
104	4.8	3.6	5.4	





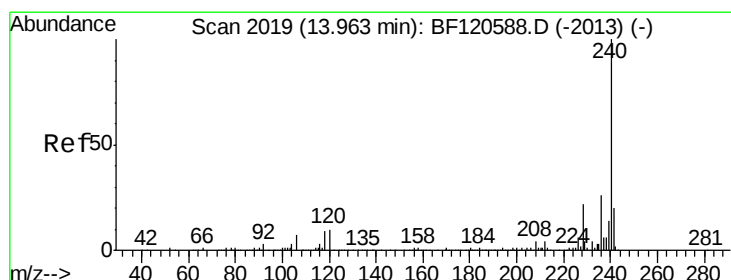
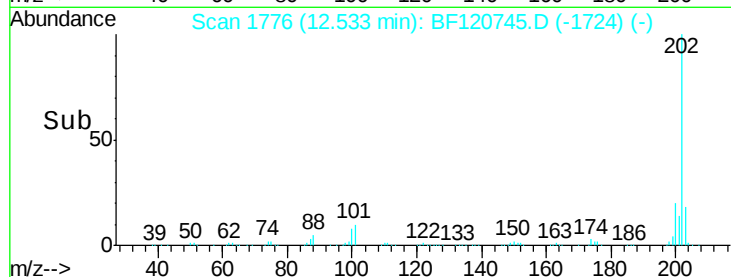
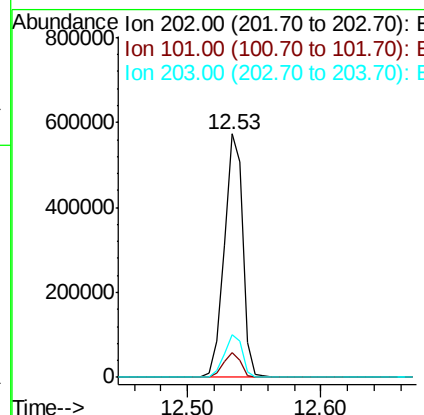
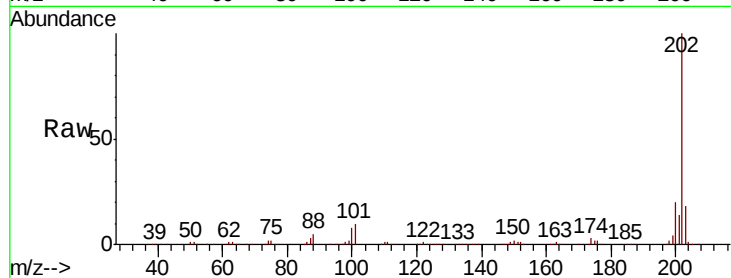
#75
Fluoranthene
Concen: 47.123 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		560743		
101	10.1	0.0	29.8		
203	17.7	0.0	37.7		

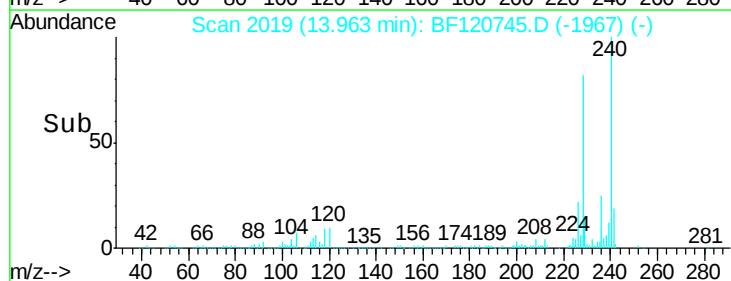
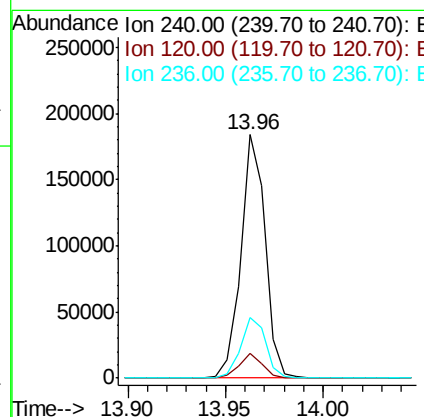
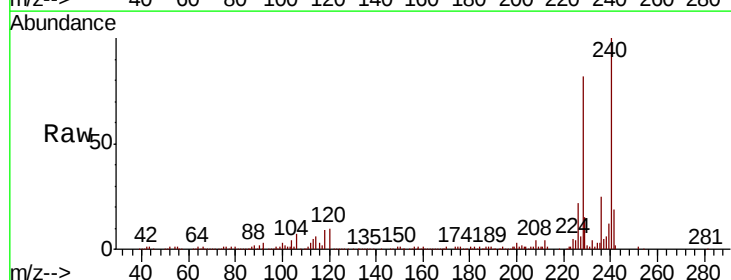
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		158002		
120	10.0	7.6	11.4		
236	25.1	21.0	31.4		





#77

Benzidine

Concen: 11.615 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Instrument :

BNA_F

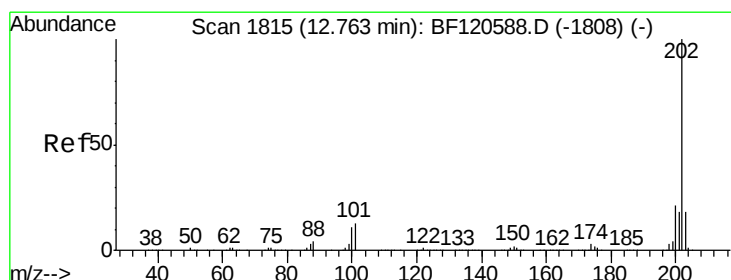
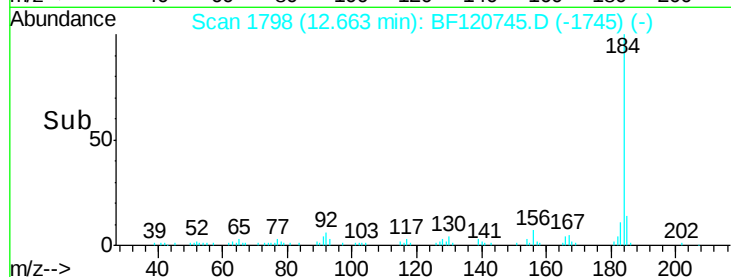
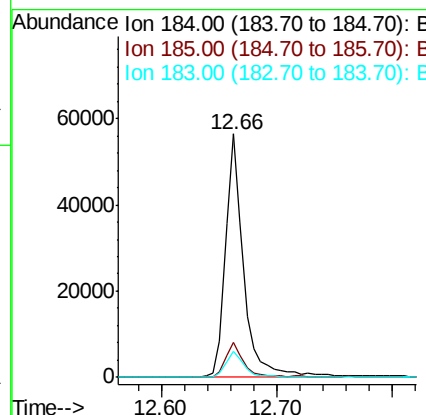
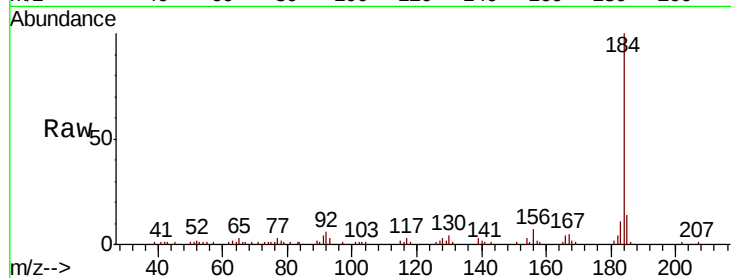
ClientSampleId :

CL-01-062420MSD

Tot Ion:184	Resp:	62067
Ion Ratio	Lower	Upper
184	100	
185	14.4	11.9 17.9
183	10.6	8.6 12.8

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#78

Pyrene

Concen: 49.047 ng

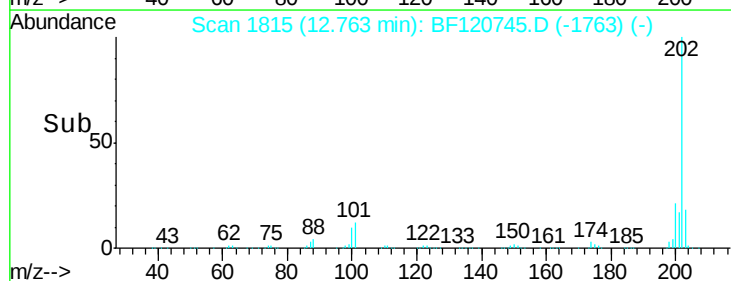
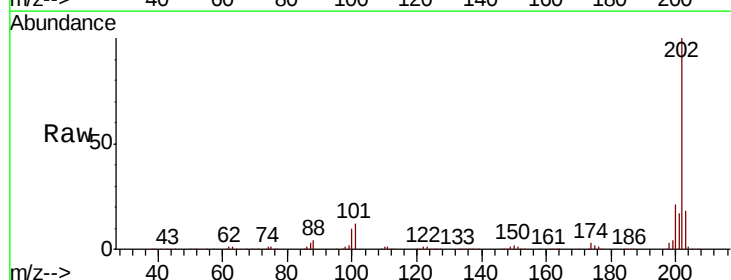
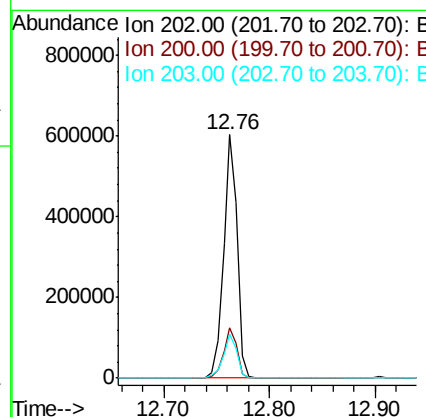
RT: 12.76 min Scan# 1815

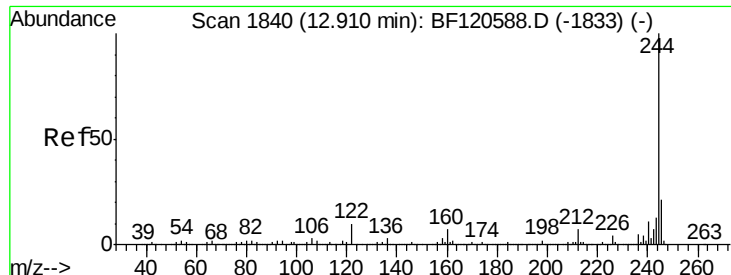
Delta R.T. 0.01 min

Lab File: BF120745.D

Acq: 29 Jun 2020 23:29

Tgt Ion:202	Resp:	548985
Ion Ratio	Lower	Upper
202	100	
200	20.7	16.6 25.0
203	18.0	14.2 21.2





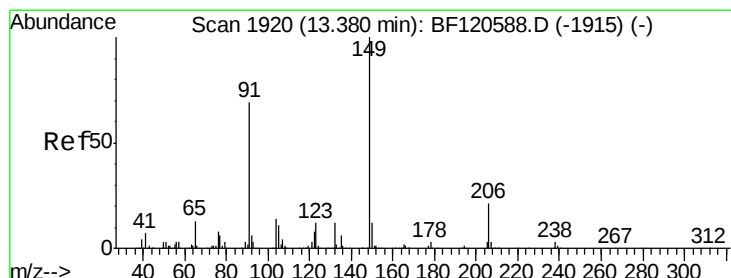
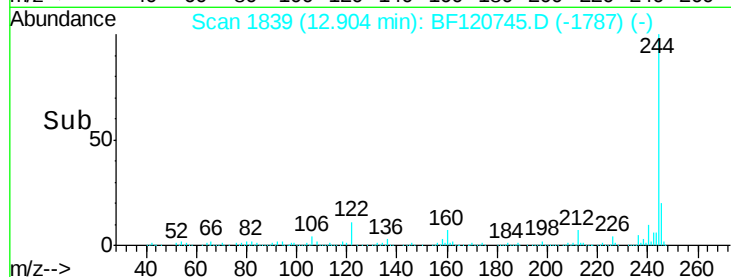
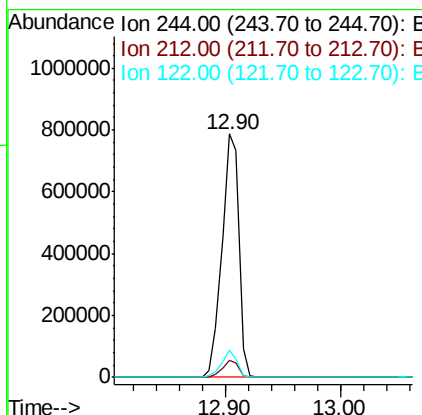
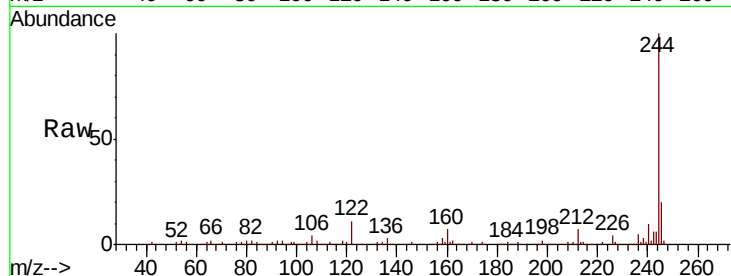
#79
 Terphenyl-d14
 Concen: 112.031 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.2	8.8	13.2

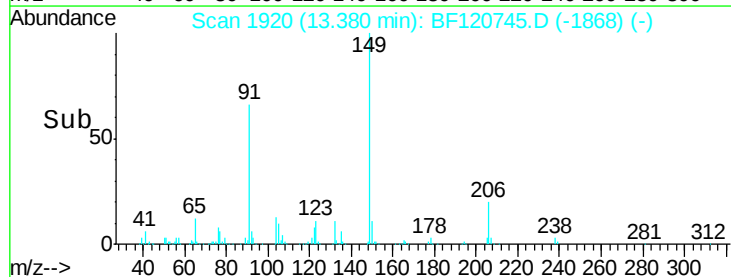
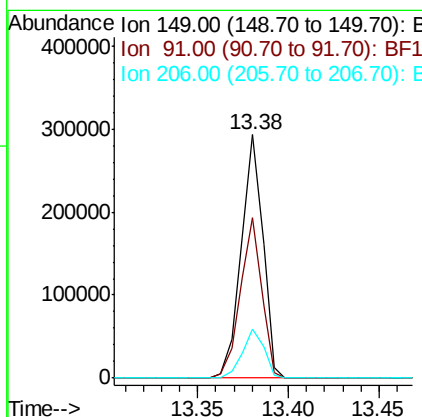
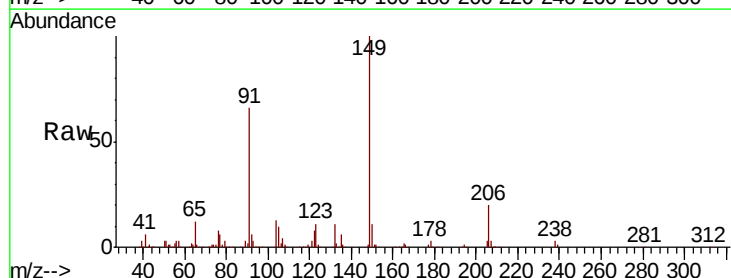
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#80
 Butylbenzylphthalate
 Concen: 49.231 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	50.0	75.0
206	20.1	17.6	26.4





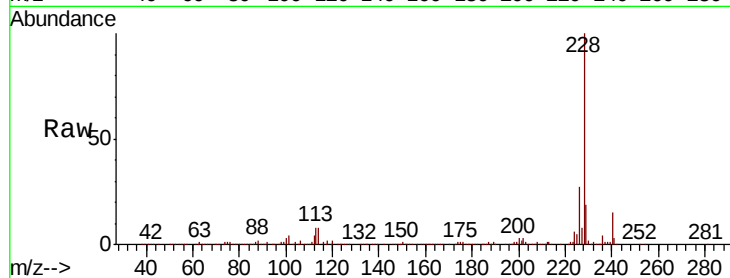
#81
Benzo(a)anthracene
Concen: 51.557 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.3	16.3	24.5

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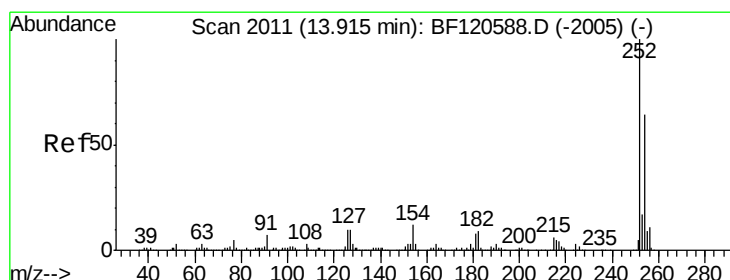
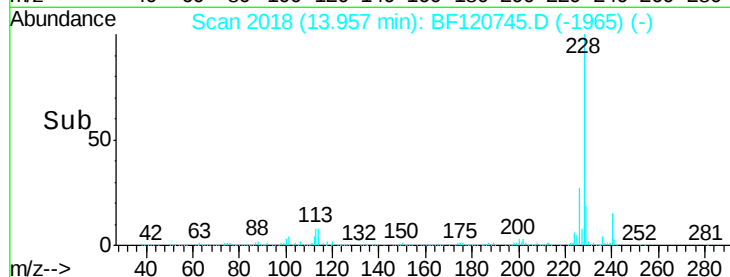
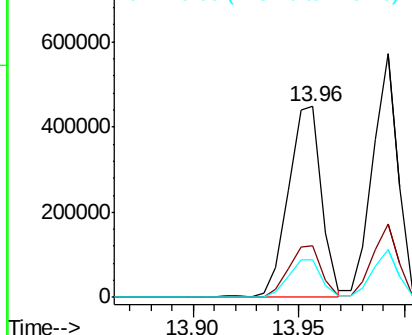


Abundance

Ion 228.00 (227.70 to 228.70): E

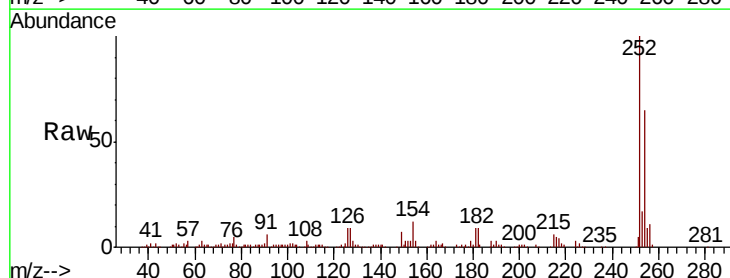
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 45.510 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	8.7	9.6	14.4

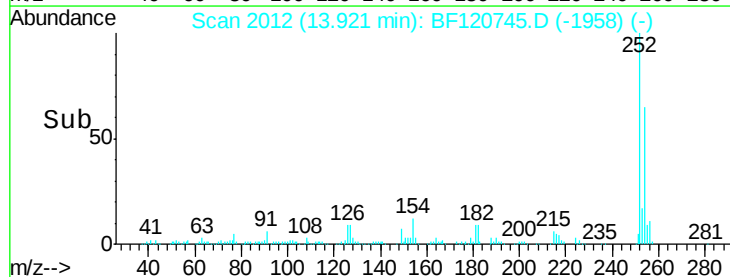
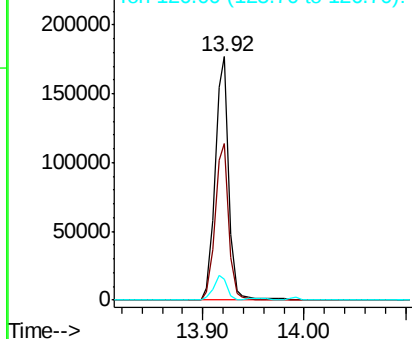


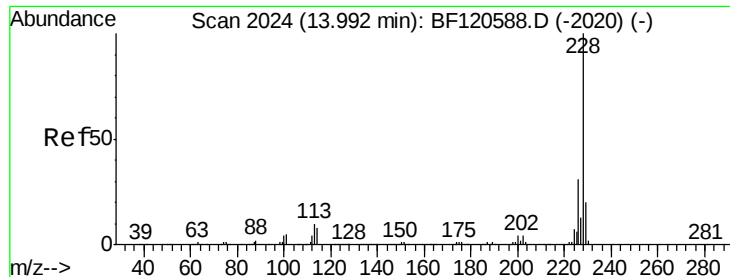
Abundance

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





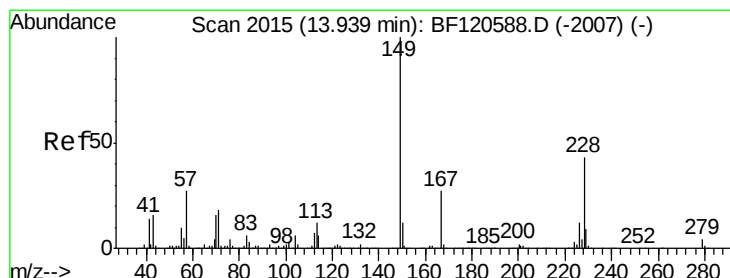
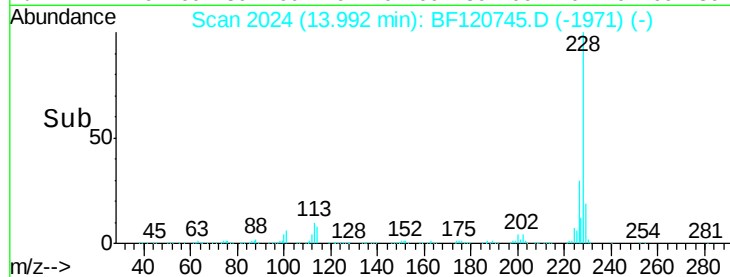
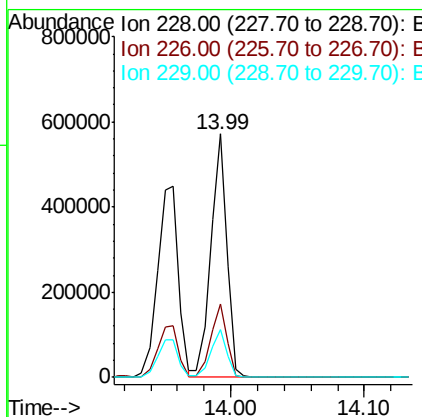
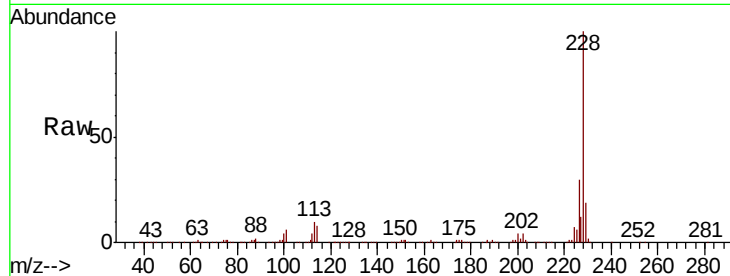
#83
 Chrvsene
 Concen: 49.591 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	482870		
226	30.1	25.0	37.6	
229	19.4	16.1	24.1	

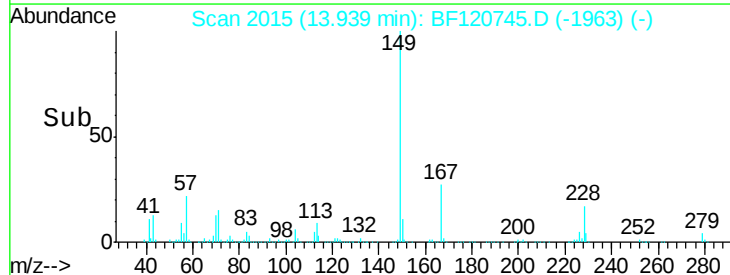
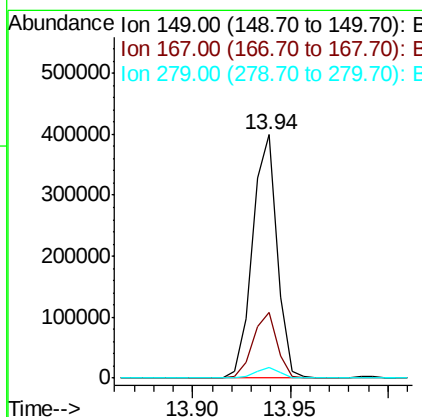
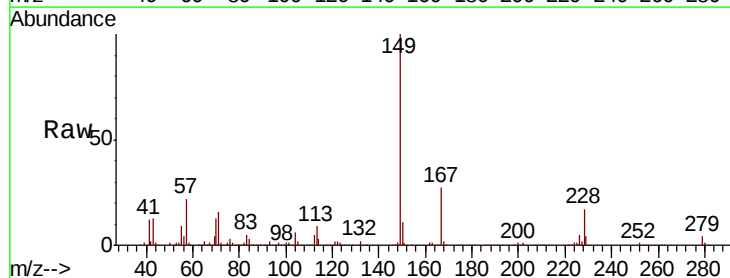
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.470 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	348596		
167	26.9	21.9	32.9	
279	4.4	3.6	5.4	





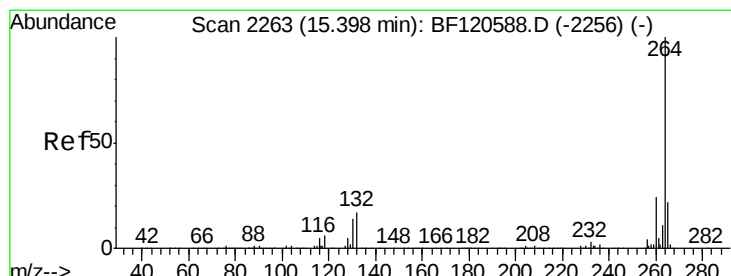
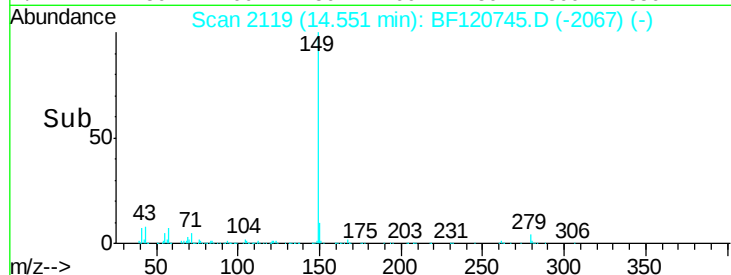
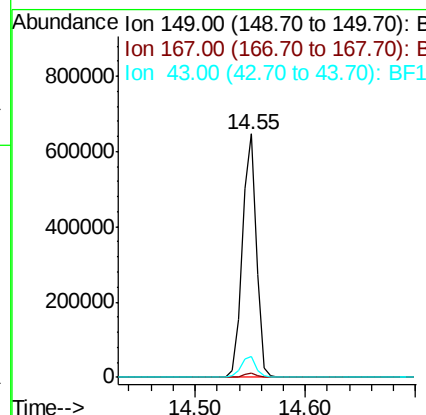
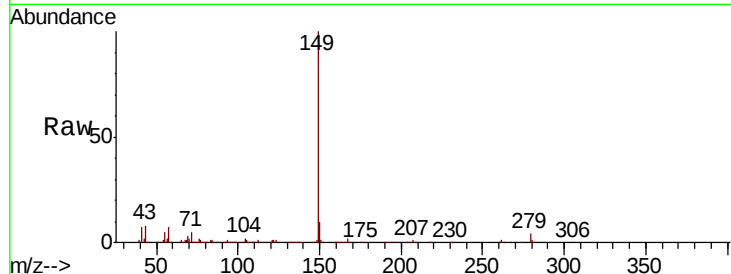
#85
Di-n-octyl phthalate
Concen: 49.569 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	573831		
167	1.6		1.2	1.8
43	8.9		7.3	10.9

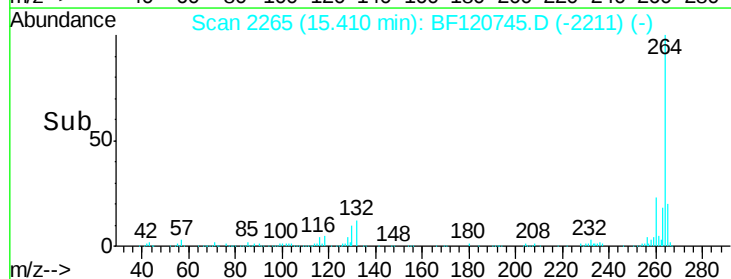
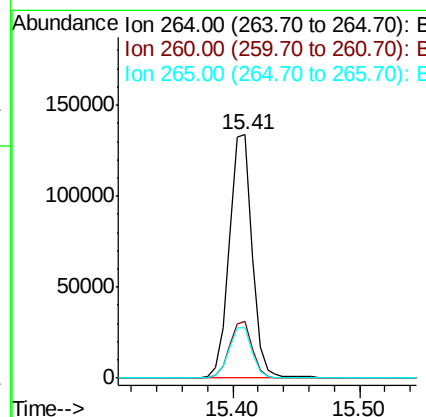
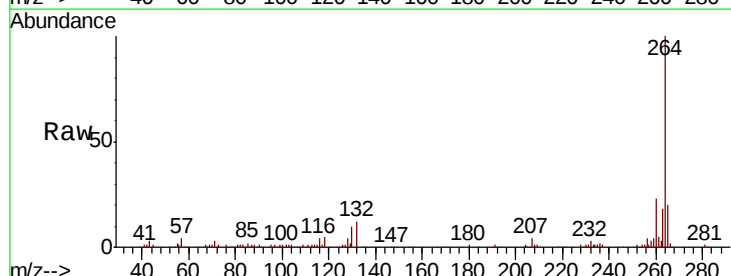
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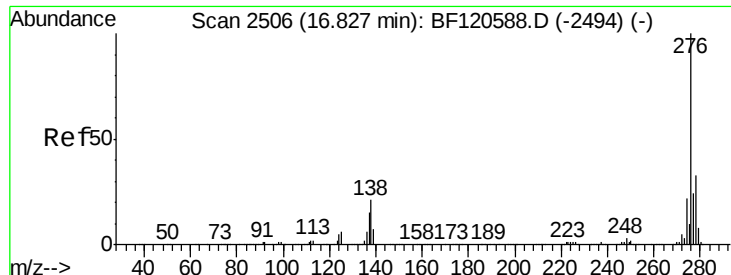
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	166980		
260	23.1		19.4	29.2
265	20.4		17.4	26.0





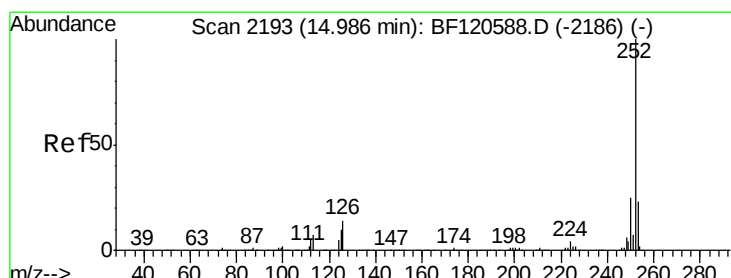
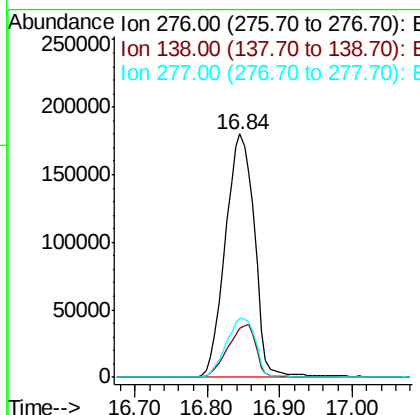
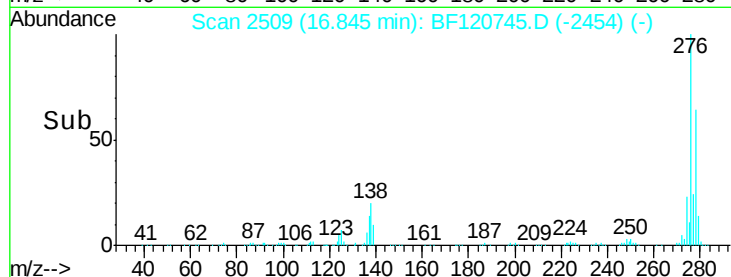
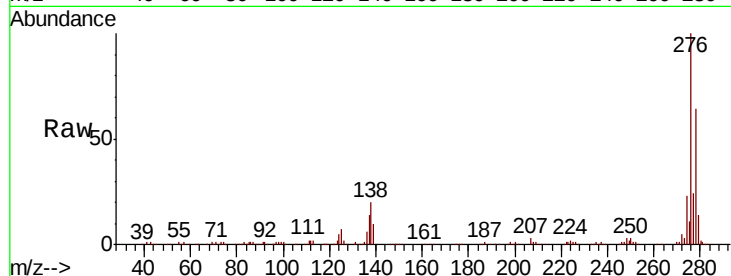
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.326 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	18.4	27.6
277	25.0	19.8	29.8

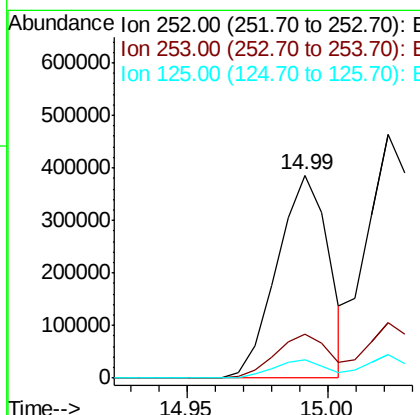
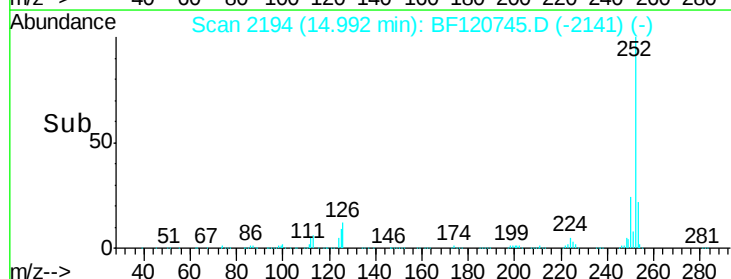
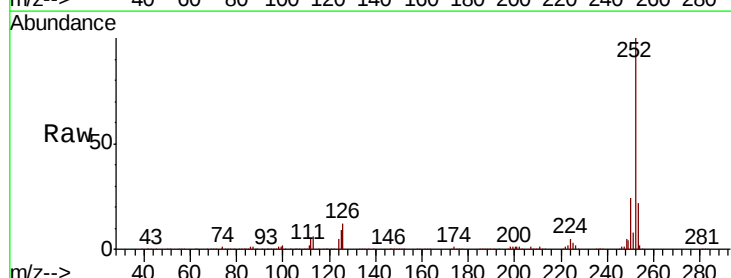
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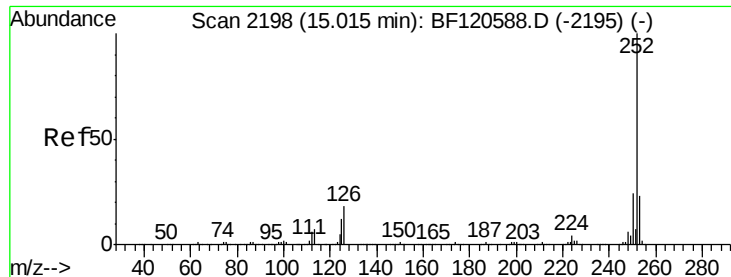
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#88
 Benzo(b)fluoranthene
 Concen: 49.432 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120745.D
 Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	9.0	7.9	11.9





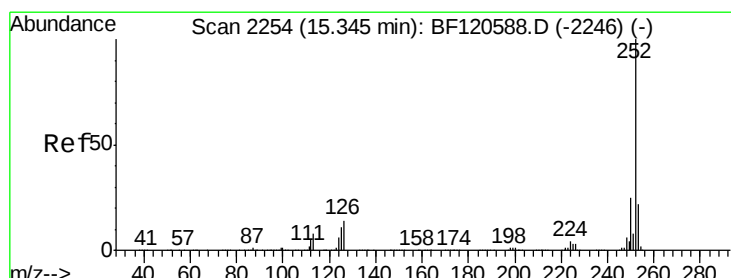
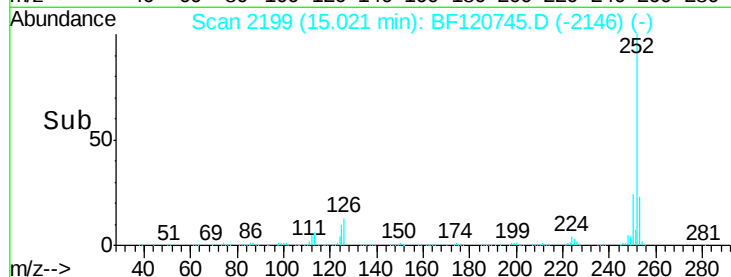
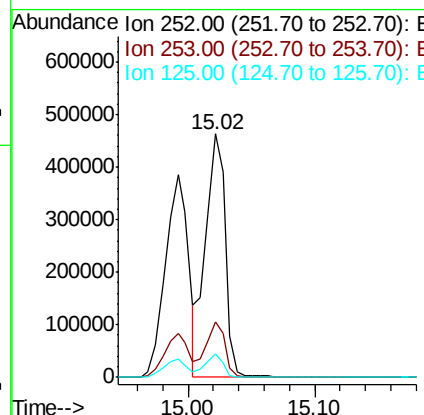
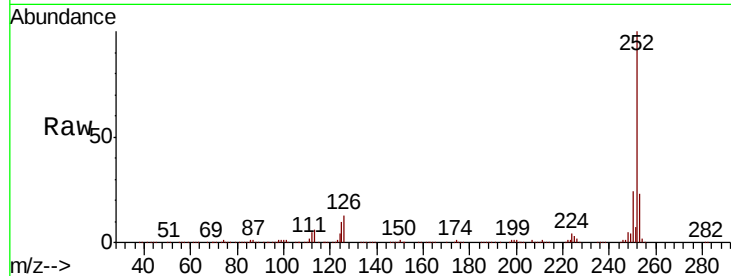
#89
Benzo(k)fluoranthene
Concen: 56.982 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	9.7	7.4	11.2

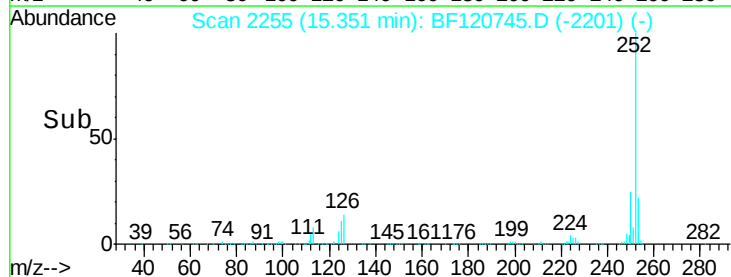
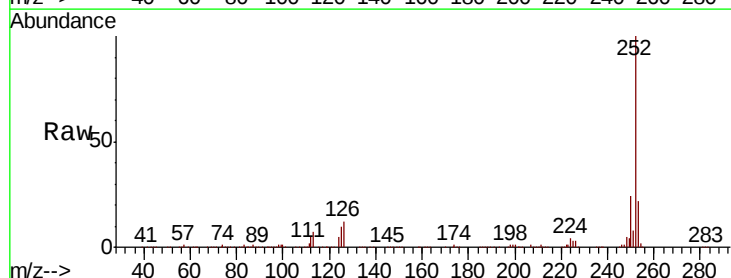
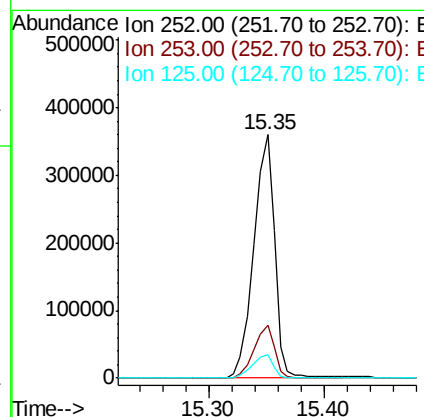
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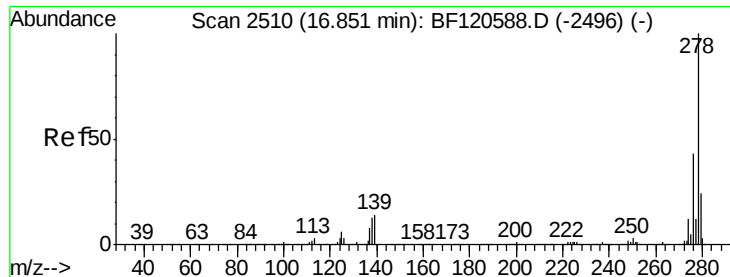
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#90
Benzo(a)pyrene
Concen: 51.048 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.7	9.0	13.6





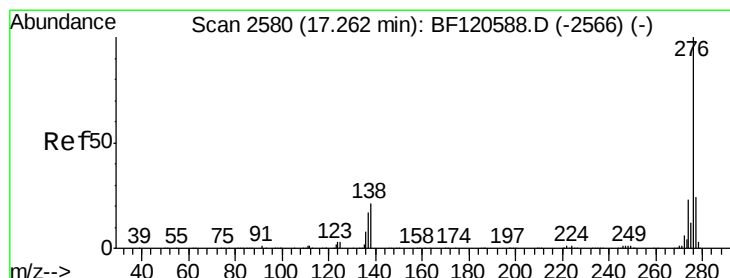
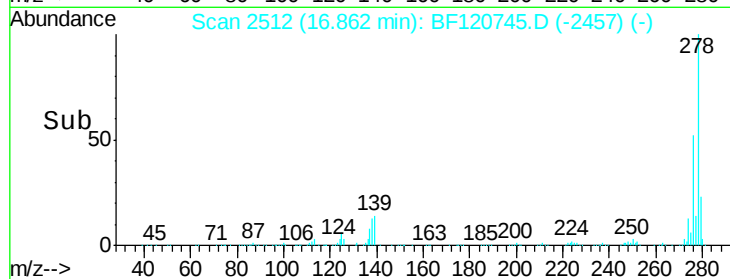
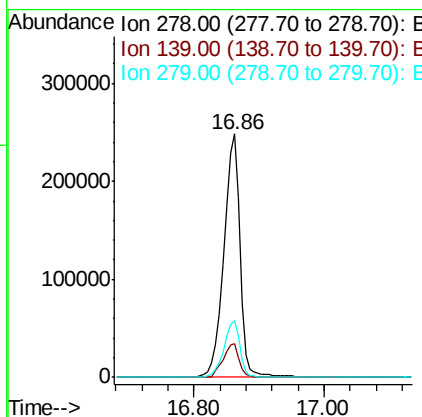
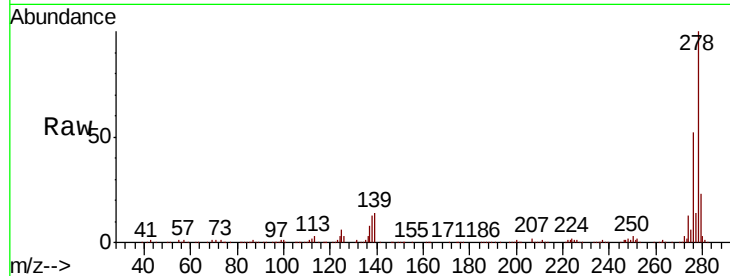
#91
Dibenzo(a,h)anthracene
Concen: 52.744 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.02 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.9	17.9
279	23.3	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 46.212 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.03 min
Lab File: BF120745.D
Acq: 29 Jun 2020 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	17.1	16.6	24.8

