

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120401.D
 Acq On : 28 May 2020 11:51
 Operator : MA/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:27:47 PM

Quant Time: May 28 12:30:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	252965	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	954976	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	491158	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	929224	20.00	ng	0.00
76) Chrysene-d12	14.00	240	647875	20.00	ng	0.00
86) Perylene-d12	15.44	264	598260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1474144	113.39	ng	0.00
7) Phenol-d6	6.47	99	1809922	110.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	1656567	118.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	516801	129.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2814247	117.72	ng	0.00
79) Terphenyl-d14	12.95	244	3067182	104.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	374298	72.373	ng	100
3) Pyridine	3.33	79	1040664	64.012	ng	99
4) n-Nitrosodimethylamine	3.30	42	446079	70.075	ng	100
6) Aniline	6.51	93	1282247	60.982	ng	99
8) 2-Chlorophenol	6.63	128	834941	55.079	ng	96
9) Benzaldehyde	6.39	77	492073	48.550	ng	99
10) Phenol	6.49	94	991358m	51.653	ng	
11) bis(2-Chloroethyl)ether	6.58	93	832346	54.292	ng	96
12) 1,3-Dichlorobenzene	6.79	146	913594	56.322	ng	98
13) 1,4-Dichlorobenzene	6.86	146	907178	54.301	ng	99
14) 1,2-Dichlorobenzene	7.02	146	833450	55.398	ng	98
15) Benzyl Alcohol	6.99	79	694477	59.457	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1320883	54.671	ng	99
17) 2-Methylphenol	7.09	107	753789	58.904	ng	100
18) Hexachloroethane	7.36	117	335336	52.689	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	579700	53.820	ng	99
20) 3+4-Methylphenols	7.25	107	830229	49.900	ng	94
22) Acetophenone	7.26	105	1047742	53.555	ng	99
24) Nitrobenzene	7.43	77	885251	58.973	ng	97
25) Isophorone	7.67	82	1655191	57.033	ng	99
26) 2-Nitrophenol	7.74	139	425048	54.141	ng	95
27) 2,4-Dimethylphenol	7.77	122	690455	60.458	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	992307	54.398	ng	99
29) 2,4-Dichlorophenol	7.98	162	699057	59.600	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	782476	60.201	ng	99
31) Naphthalene	8.15	128	2286007	56.719	ng	99
32) Benzoic acid	7.91	122	595326	79.528	ng	97
33) 4-Chloroaniline	8.19	127	1024299	55.766	ng	99
34) Hexachlorobutadiene	8.27	225	458232	60.995	ng	99
35) Caprolactam	8.58	113	232558	60.605	ng	99
36) 4-Chloro-3-methylphenol	8.67	107	714590	56.318	ng	100
37) 2-Methylnaphthalene	8.84	142	1515490	54.946	ng	99
38) 1-Methylnaphthalene	8.94	142	1440401	53.845	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	700896	56.593	ng	100

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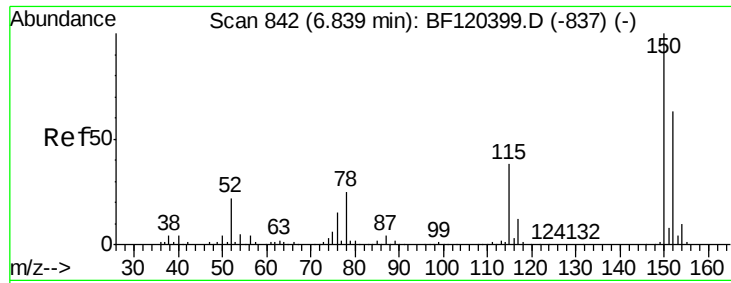
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	404027	92.212	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	520836	62.652	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	589395	61.736	nq	98
46) 1,1'-Biphenyl	9.30	154	1772291	55.072	nq	99
47) 2-Chloronaphthalene	9.33	162	1470650	56.971	nq	96
48) 2-Nitroaniline	9.42	65	476988	50.643	nq	93
49) Acenaphthylene	9.75	152	2282388	57.881	nq	99
50) Dimethylphthalate	9.61	163	1714101	55.208	nq	100
51) 2,6-Dinitrotoluene	9.66	165	398468	57.502	nq	96
52) Acenaphthene	9.92	154	1429056	60.461	nq	99
53) 3-Nitroaniline	9.83	138	466373	56.436	nq	98
54) 2,4-Dinitrophenol	9.93	184	159167	48.660	nq	97
55) Dibenzofuran	10.09	168	2045116	60.085	nq	99
56) 4-Nitrophenol	9.98	139	369622	83.243	nq	99
57) 2,4-Dinitrotoluene	10.06	165	521343	64.135	nq	99
58) Fluorene	10.43	166	1451115	55.980	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	460753	64.129	nq	99
60) Diethylphthalate	10.30	149	1743799	58.175	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	741738	55.036	nq	99
62) 4-Nitroaniline	10.44	138	447674	58.177	nq	99
63) Azobenzene	10.58	77	1621665	57.243	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	225465	47.977	nq	96
66) n-Nitrosodiphenylamine	10.54	169	1451234	56.451	nq	100
67) 4-Bromophenyl-phenylether	10.91	248	524821	58.204	nq	94
68) Hexachlorobenzene	10.97	284	561149	59.486	nq	94
69) Atrazine	11.06	200	419090	54.481	nq	97
70) Pentachlorophenol	11.16	266	365080	90.995	nq	98
71) Phenanthrene	11.39	178	2270466	58.148	nq	99
72) Anthracene	11.44	178	2273508	54.390	nq	98
73) Carbazole	11.59	167	2212487	56.649	nq	98
74) Di-n-butylphthalate	11.93	149	2554185	54.263	nq	98
75) Fluoranthene	12.57	202	2447587	58.484	nq	98
77) Benzidine	12.69	184	959586	50.721	nq	96
78) Pyrene	12.80	202	2511787	54.383	nq	99
80) Butylbenzylphthalate	13.42	149	1087831	50.018	nq	98
81) Benzo(a)anthracene	13.99	228	1889533	55.296	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	721866	56.057	nq	99
83) Chrysene	14.03	228	2041601	55.640	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1221723	45.150	nq	99
85) Di-n-octyl phthalate	14.60	149	2227443	45.758	nq	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1900305	59.963	nq	99
88) Benzo(b)fluoranthene	15.03	252	1845769	56.493	nq	99
89) Benzo(k)fluoranthene	15.06	252	1804488	63.748	nq	99
90) Benzo(a)pyrene	15.39	252	1680738	57.360	nq	97
91) Dibenzo(a,h)anthracene	16.91	278	1534437	59.112	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1535793	58.671	nq	99

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



#1

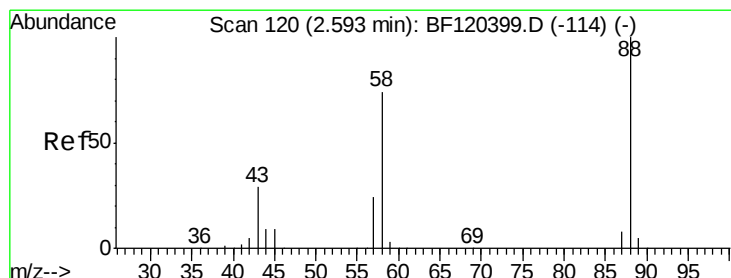
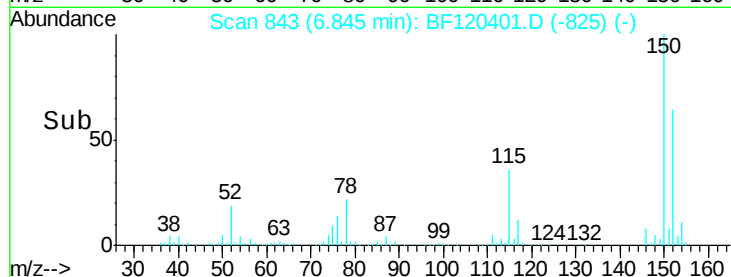
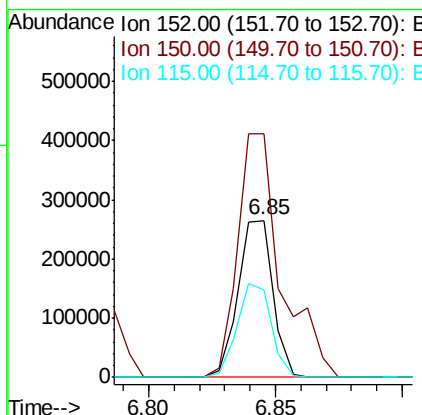
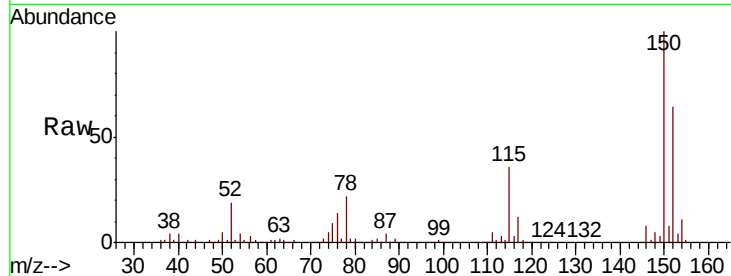
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.5	189.7
115	56.0	47.6	71.4

Manual Integrations
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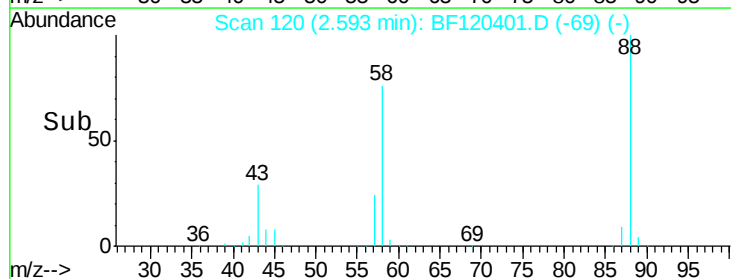
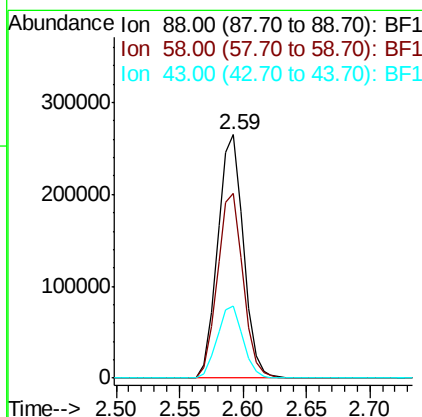
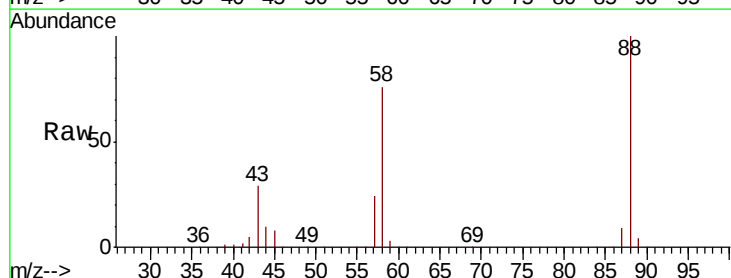
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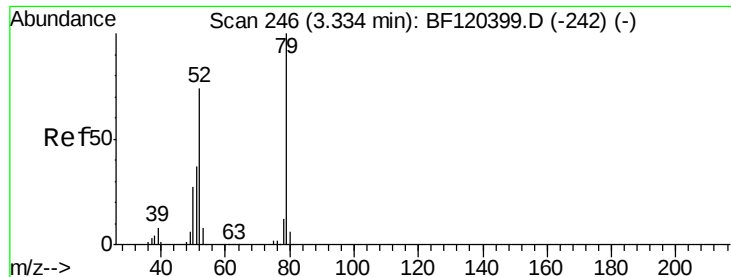


#2

1,4-Dioxane
Concen: 72.373 ng
RT: 2.59 min Scan# 120
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	61.0	91.4
43	29.7	23.6	35.4





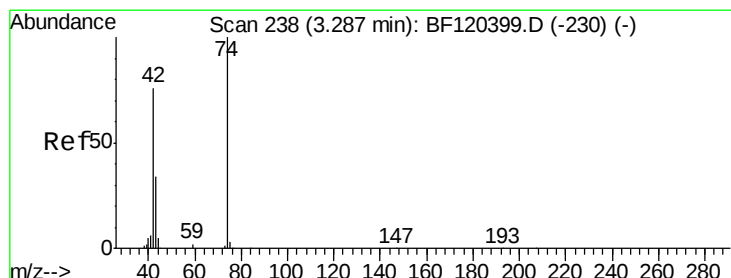
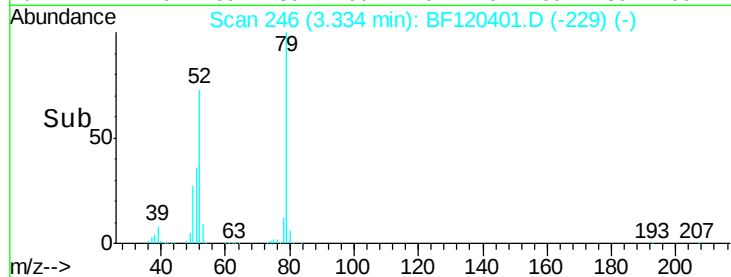
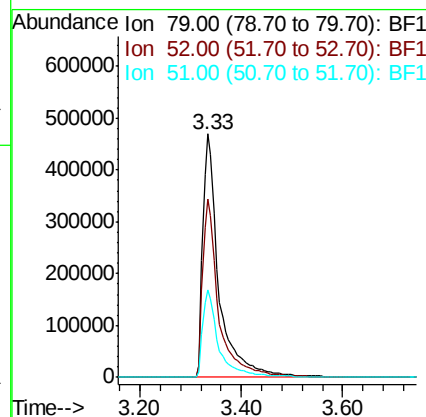
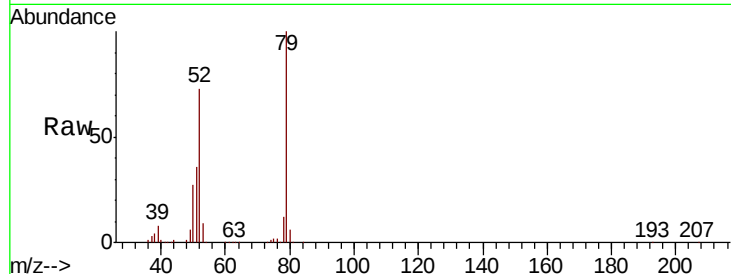
#3
 Pvridine
 Concen: 64.012 ng
 RT: 3.33 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	73.5	59.2	88.8
51	51	36.0	29.4	44.2

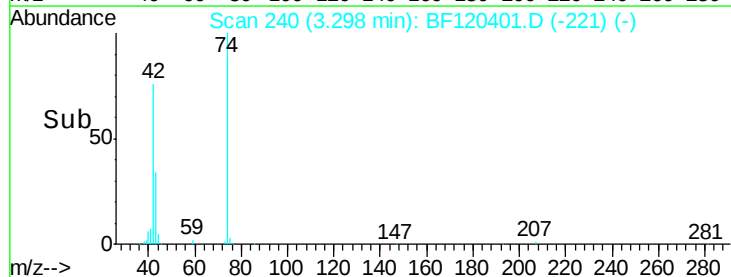
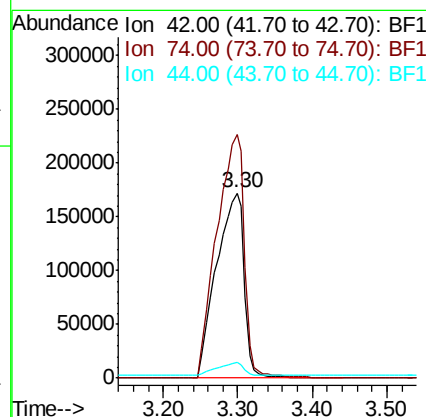
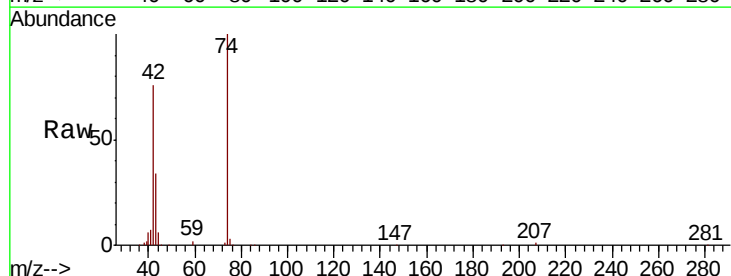
Manual Integrations
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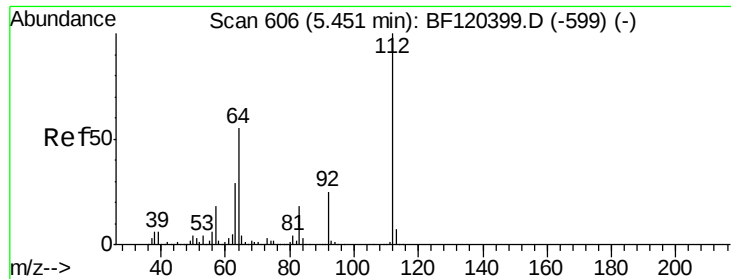
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#4
 n-Nitrosodimethylamine
 Concen: 70.075 ng
 RT: 3.30 min Scan# 240
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	131.4	104.8	157.2
44	44	8.3	7.0	10.4





#5

2-Fluorophenol

Concen: 113.385 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:112 Resp: 1474144

Ion Ratio Lower Upper

112 100

64 58.7 44.3 66.5

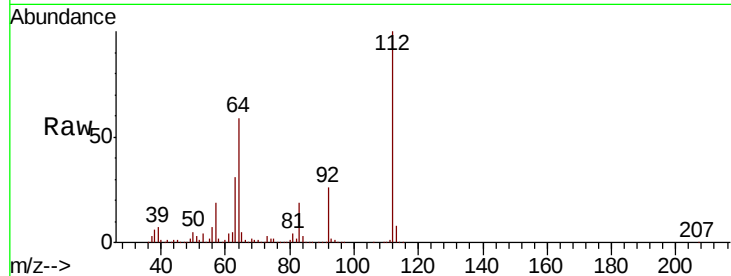
63 30.8 22.9 34.3

Manual Integrations

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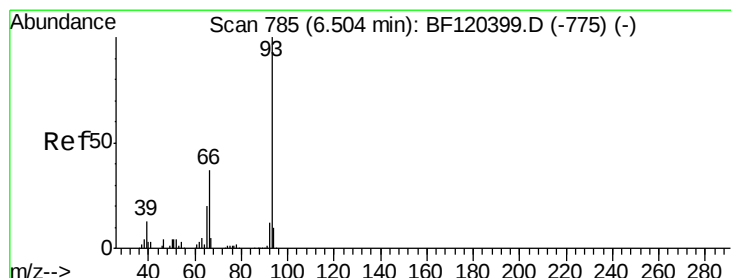
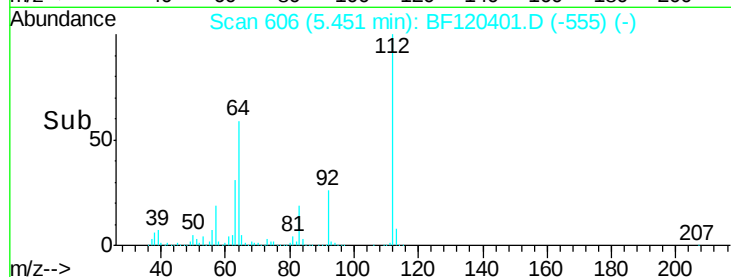
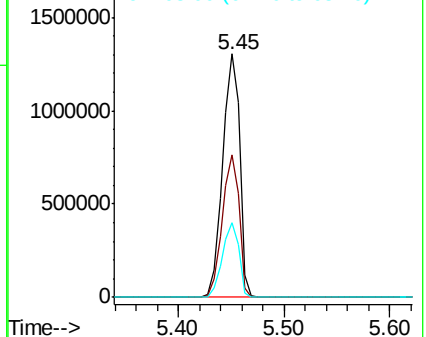
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 60.982 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

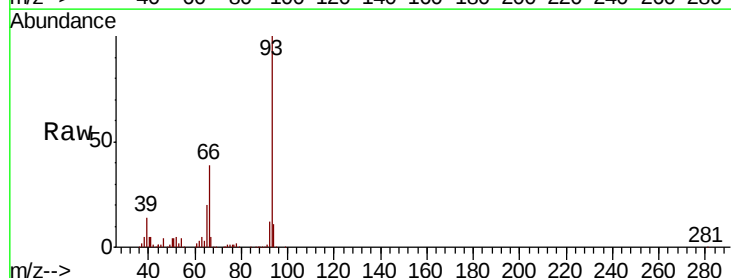
Tgt Ion: 93 Resp: 1282247

Ion Ratio Lower Upper

93 100

66 38.5 30.4 45.6

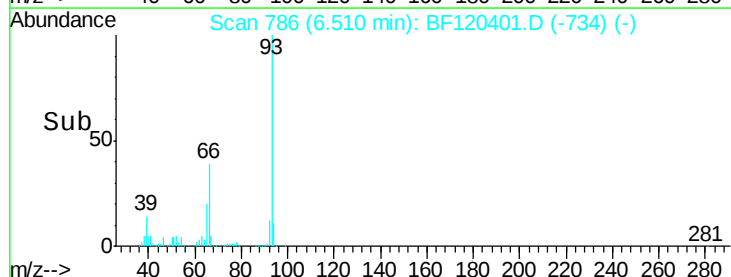
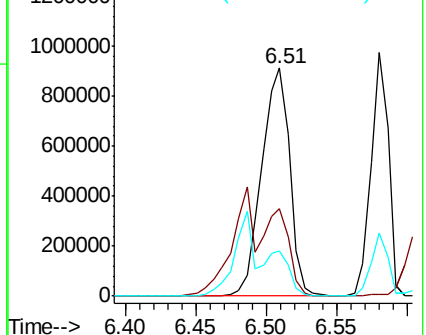
65 20.1 16.3 24.5

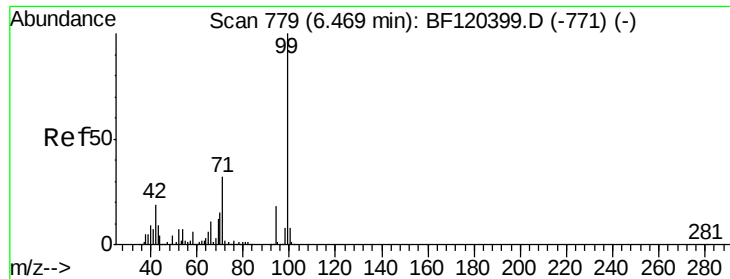


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.084 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1809922

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

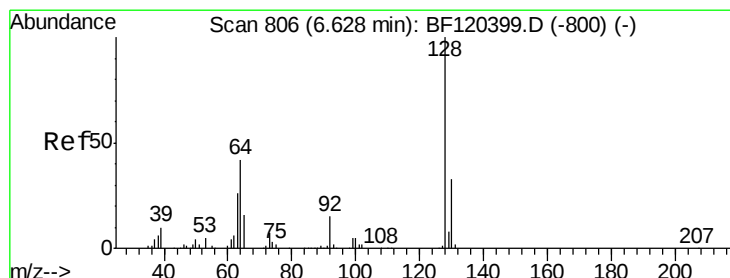
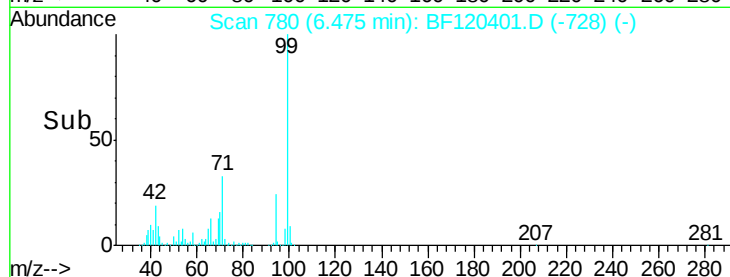
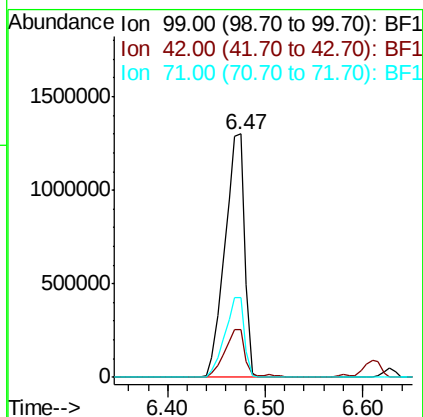
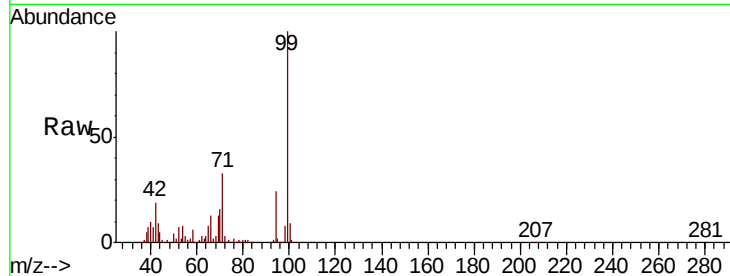
71 32.9 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 55.079 ng

RT: 6.63 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

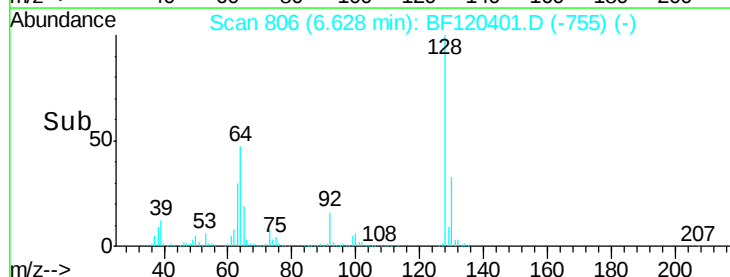
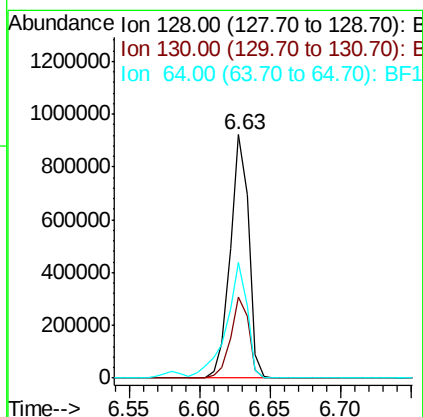
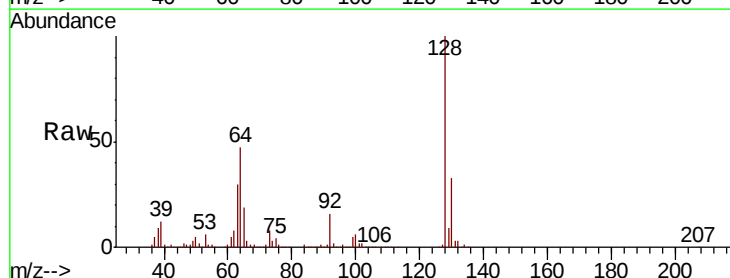
Tgt Ion: 128 Resp: 834941

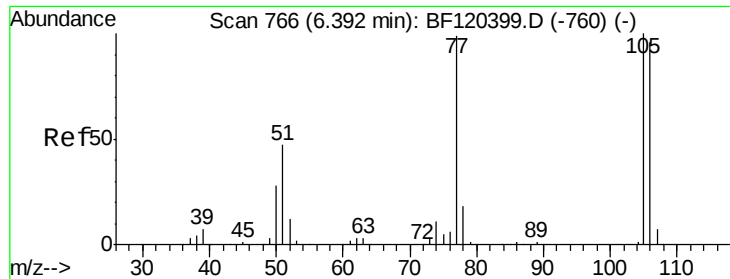
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 47.2 23.2 63.2





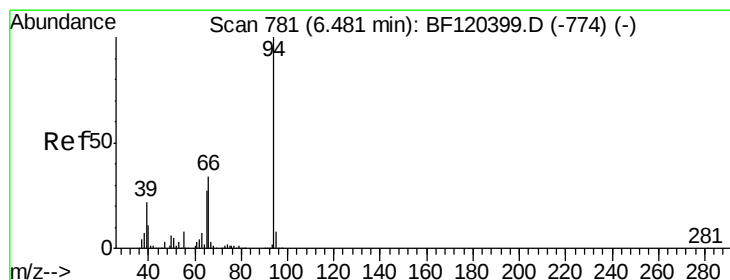
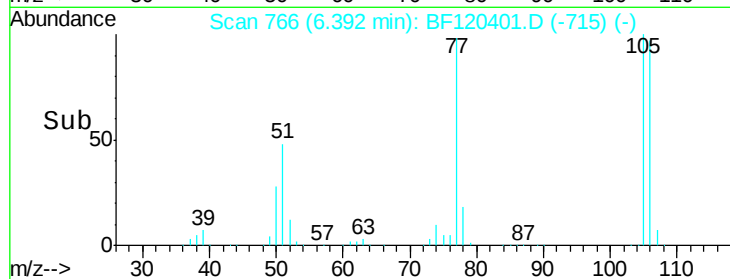
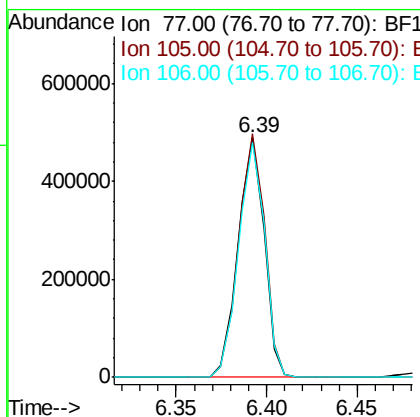
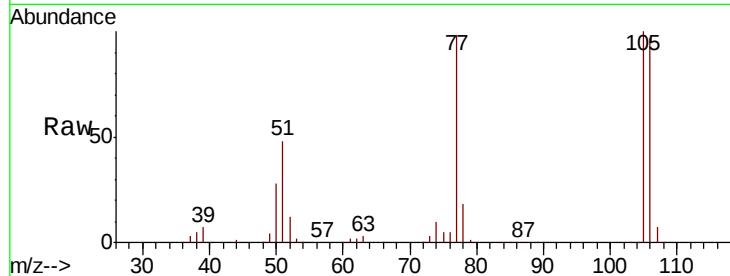
#9
Benzaldehyde
Concen: 48.550 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	101.7	81.5	121.5	
106	98.3	77.4	117.4	

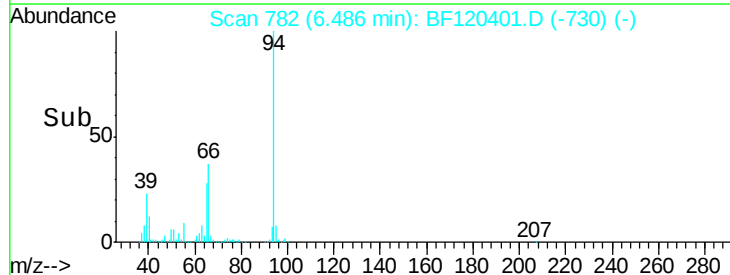
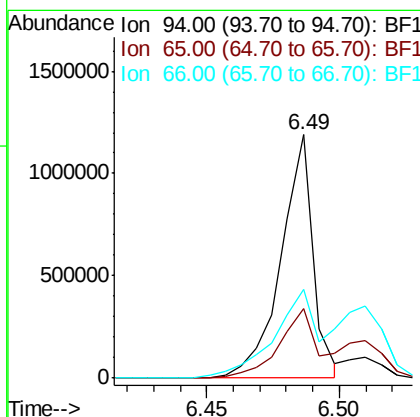
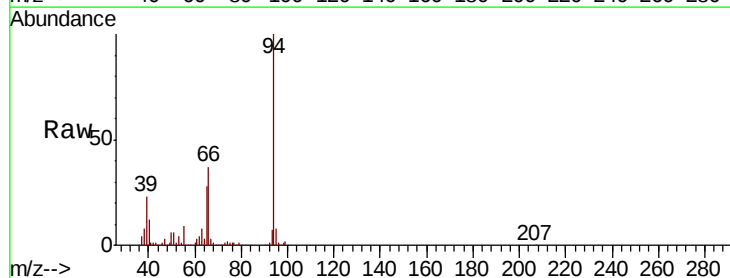
Manual Integrations
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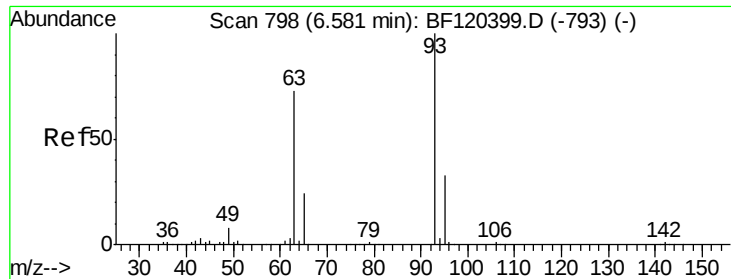
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#10
Phenol
Concen: 51.653 ng m
RT: 6.49 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.5	6.8	46.8	
66	36.6	13.9	53.9	





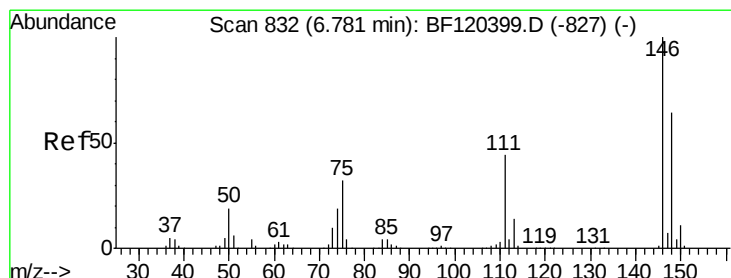
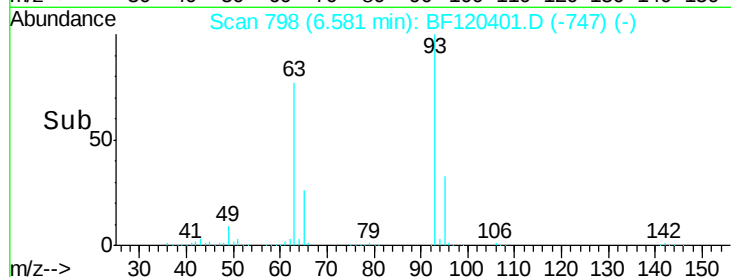
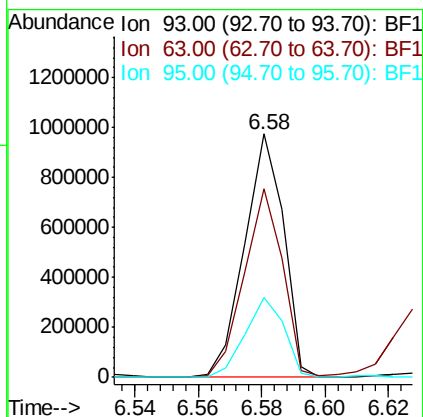
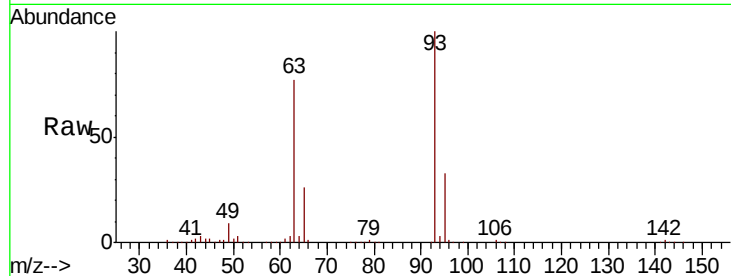
#11
bis(2-Chloroethyl)ether
Concen: 54.292 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:	93	Resp:	832346
Ion	Ratio	Lower	Upper
93	100		
63	77.4	52.8	92.8
95	32.8	12.6	52.6

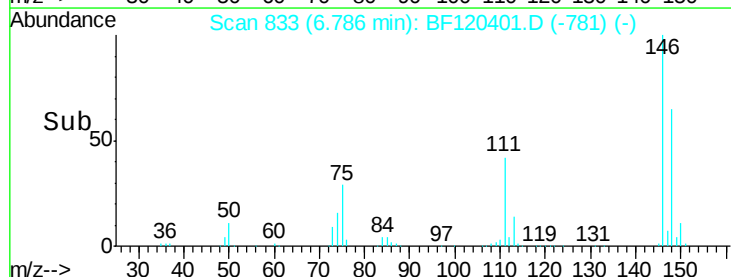
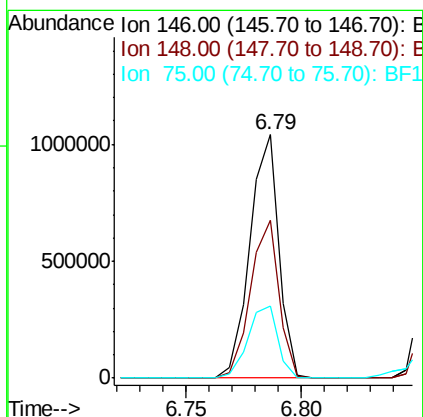
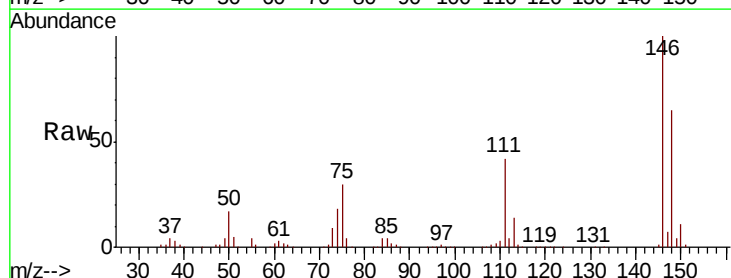
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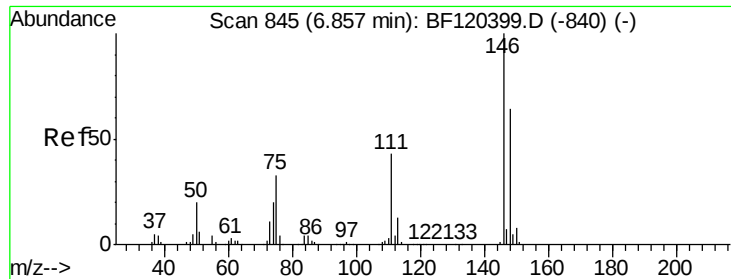
mohammad
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#12
1,3-Dichlorobenzene
Concen: 56.322 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion:	146	Resp:	913594
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
75	29.7	25.9	38.9





#13

1,4-Dichlorobenzene

Concen: 54.301 ng

RT: 6.86 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

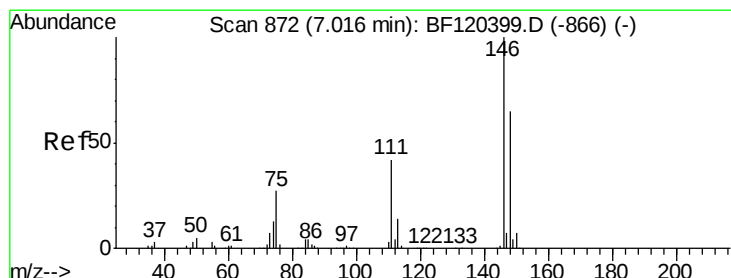
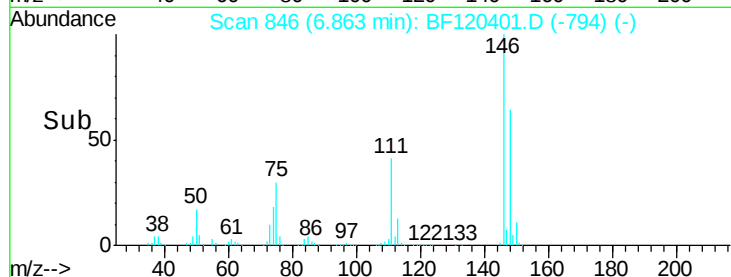
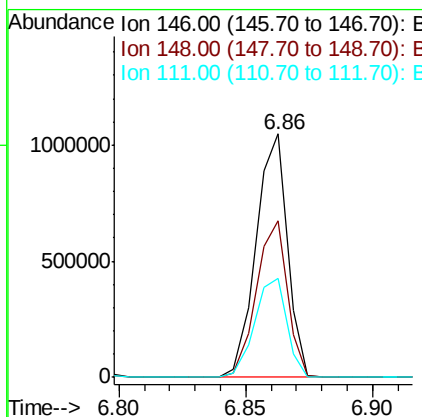
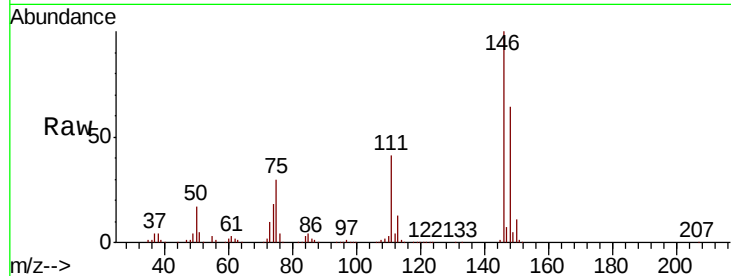
ClientSampled :

SSTDICC060

Tot Ion:	146	Resp:	907178
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.0
111	40.8	34.2	51.4

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#14

1,2-Dichlorobenzene

Concen: 55.398 ng

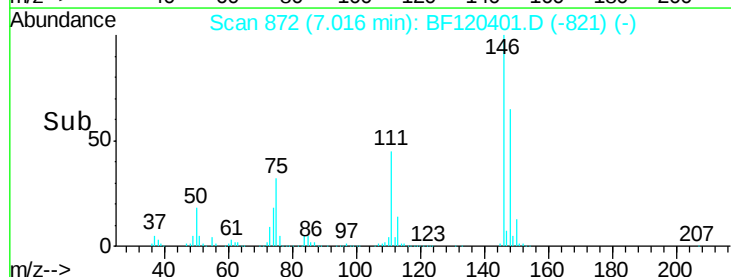
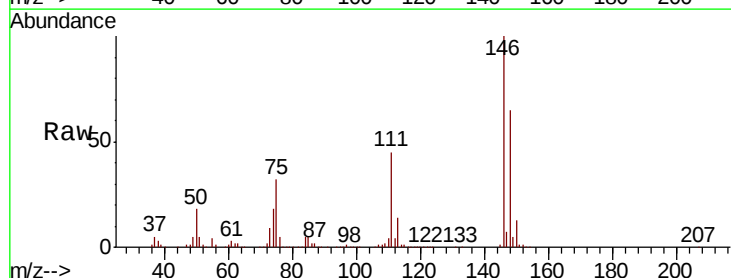
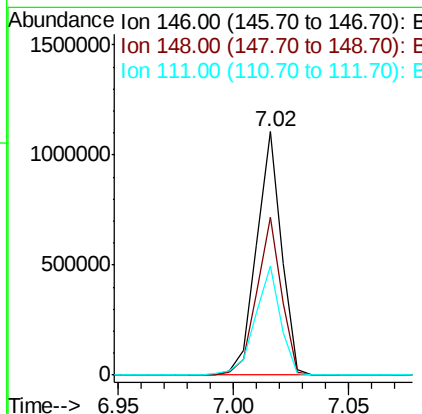
RT: 7.02 min Scan# 872

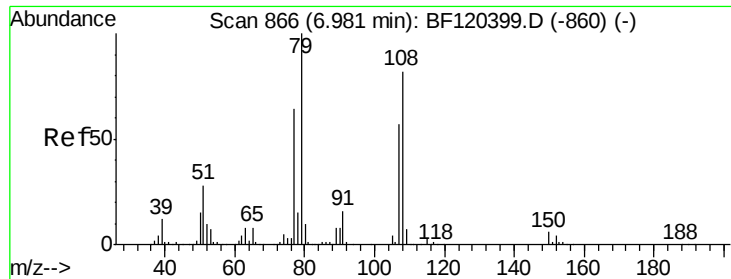
Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Tgt Ion:	146	Resp:	833450
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	44.6	33.9	50.9





#15

Benzyl Alcohol

Concen: 59.457 ng

RT: 6.99 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

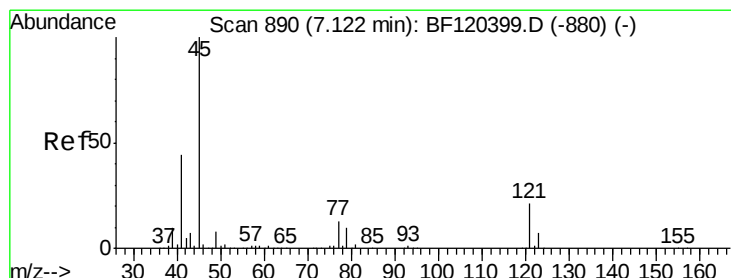
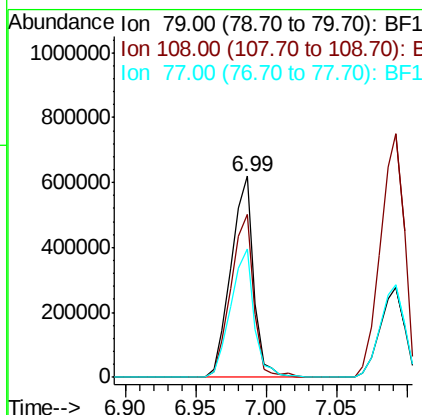
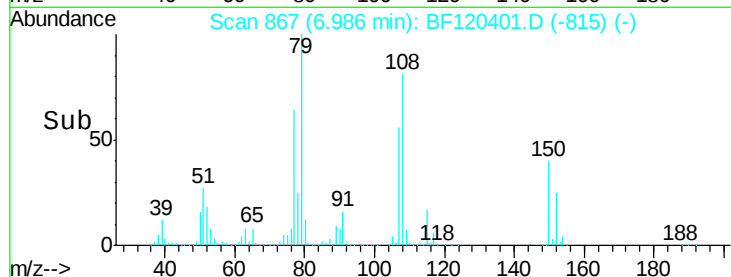
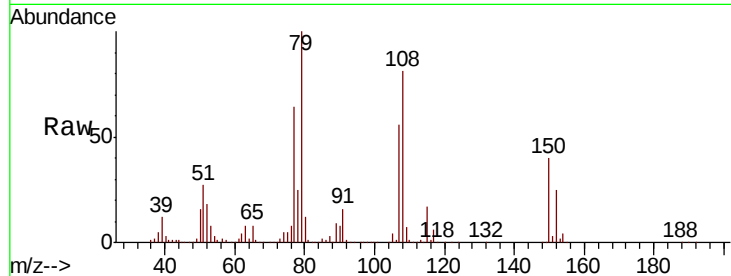
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	694477
Ion Ratio	Lower	Upper	
79	100		
108	80.8	65.8	98.8
77	63.5	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.671 ng

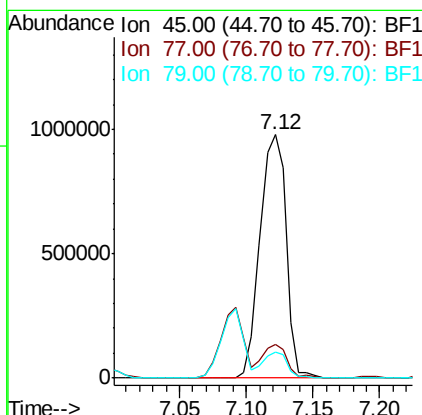
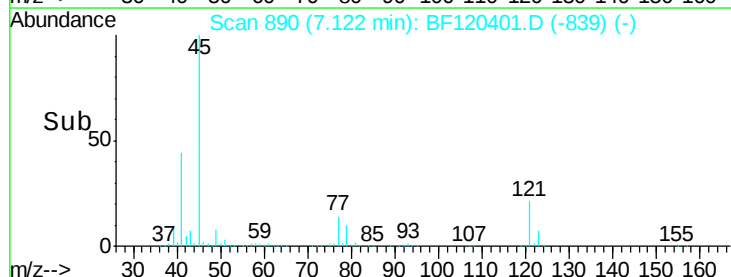
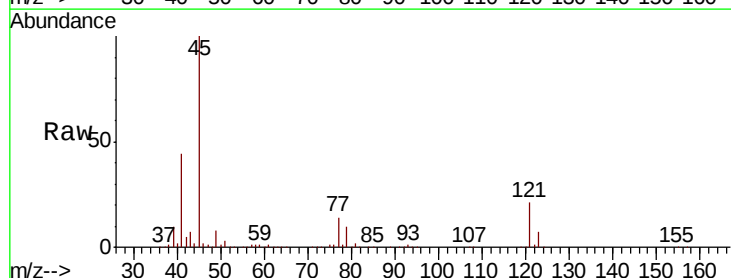
RT: 7.12 min Scan# 890

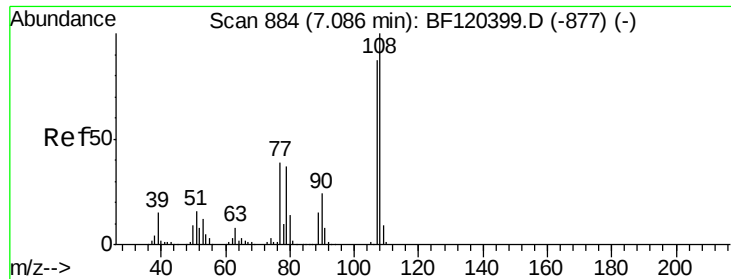
Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Tgt Ion:	45	Resp:	1320883
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.5
79	10.5	0.0	30.3





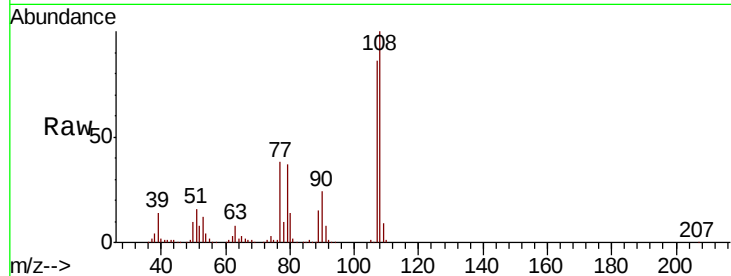
#17
2-Methylphenol
Concen: 58.904 ng
RT: 7.09 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	92.3	138.5	
77	44.3	35.7	53.5	
79	43.1	34.1	51.1	

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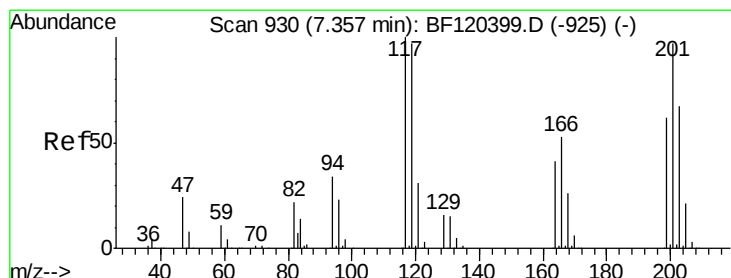
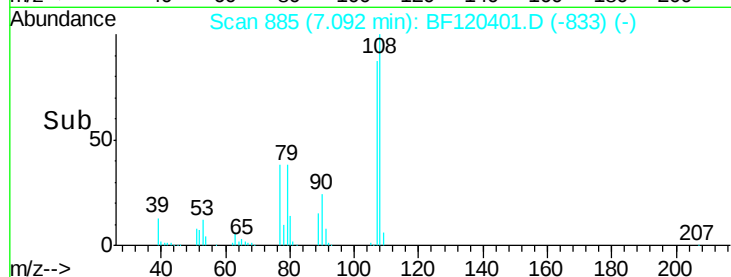
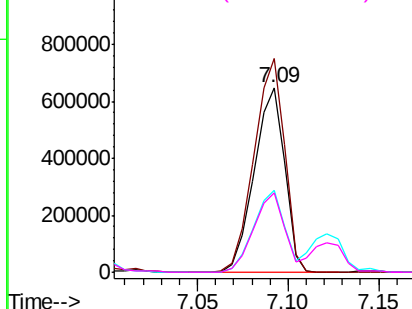
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

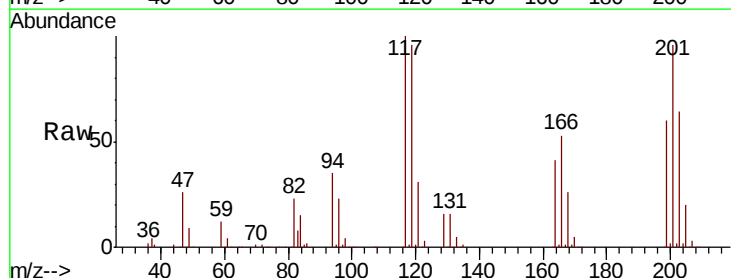
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 52.689 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.4	116.2	
201	96.3	77.7	116.5	

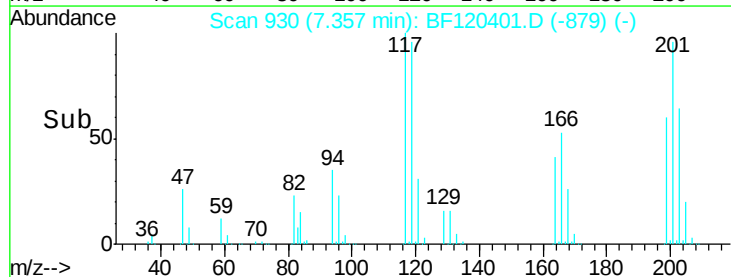
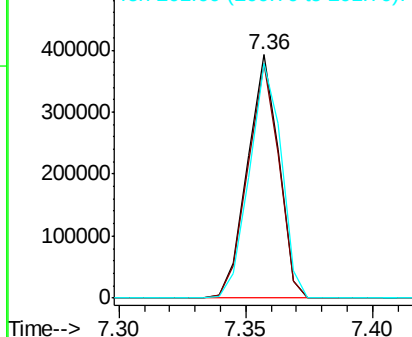


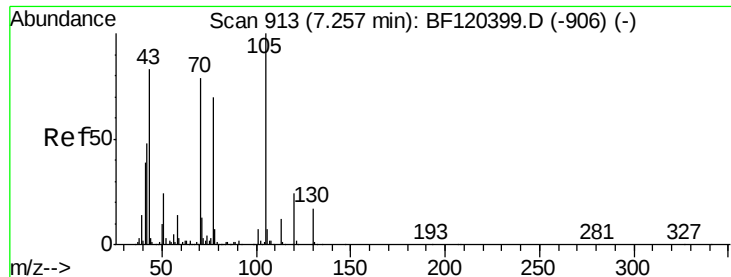
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





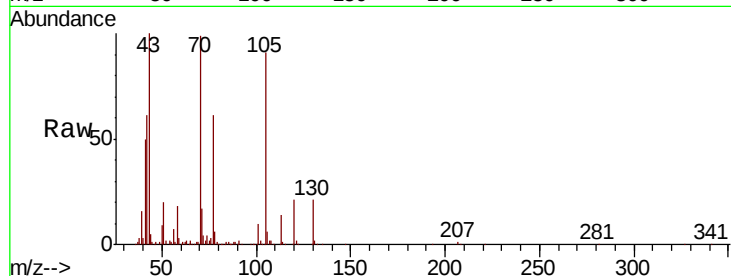
#19
n-Nitroso-di-n-propylamine
Concen: 53.820 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

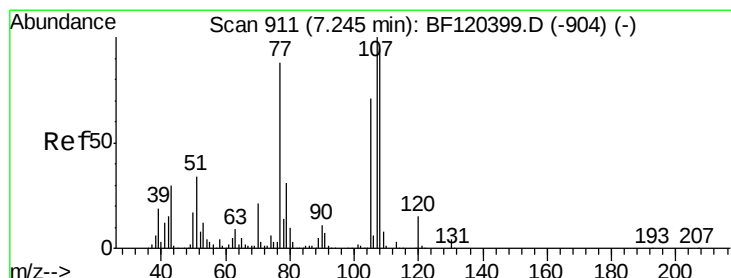
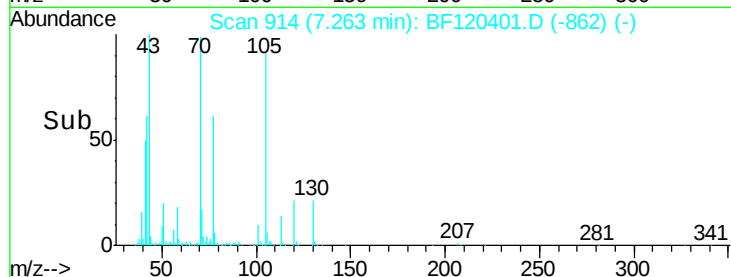
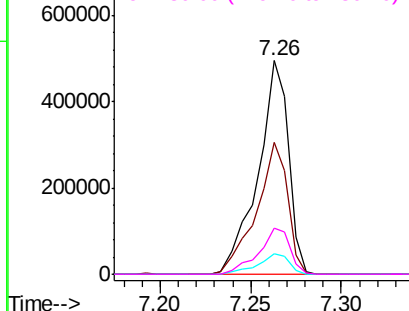
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	48.9	73.3
101	9.6	7.4	11.2
130	21.5	16.8	25.2

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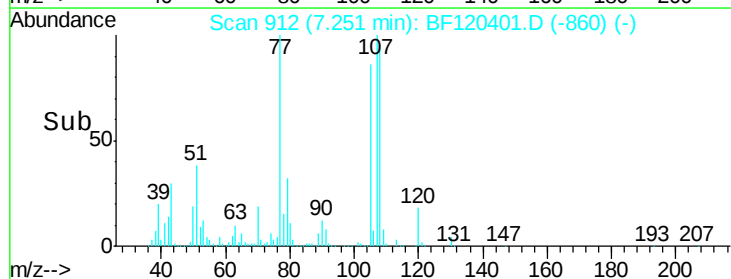
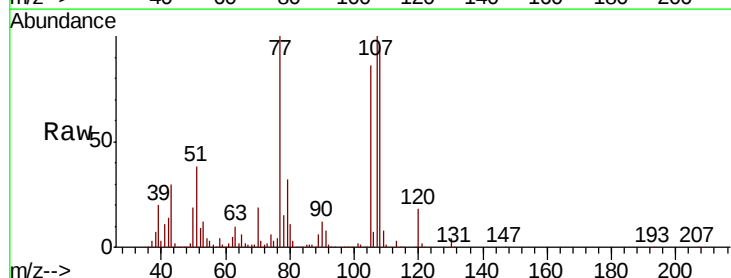
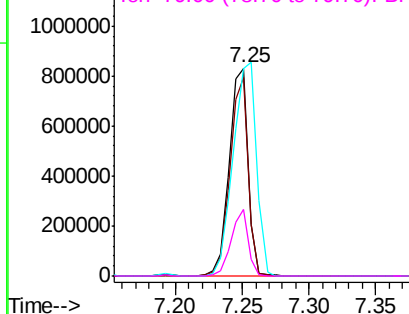
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

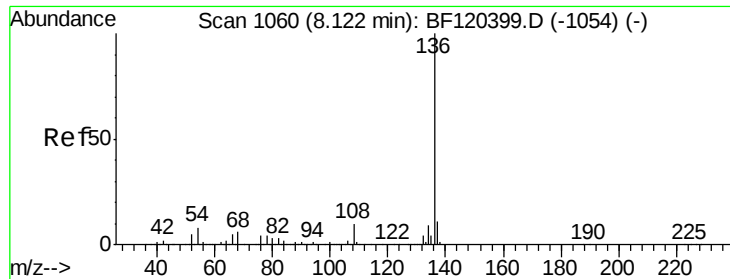


#20
3+4-Methylphenols
Concen: 49.900 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	74.4	114.4
77	99.5	67.6	107.6
79	32.0	10.6	50.6

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





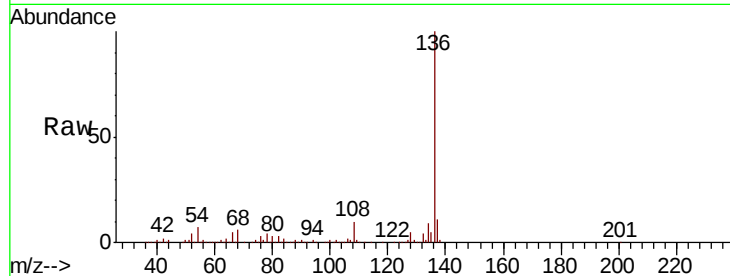
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	954976		
137	11.4		9.1	13.7
54	7.4		6.7	10.1
68	5.5		5.0	7.4

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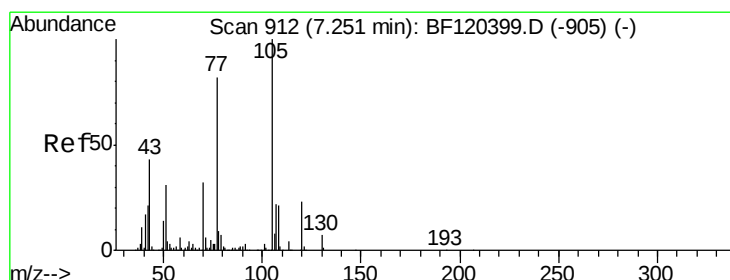
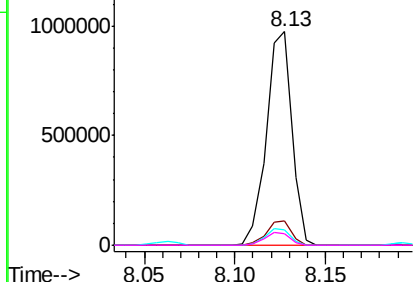
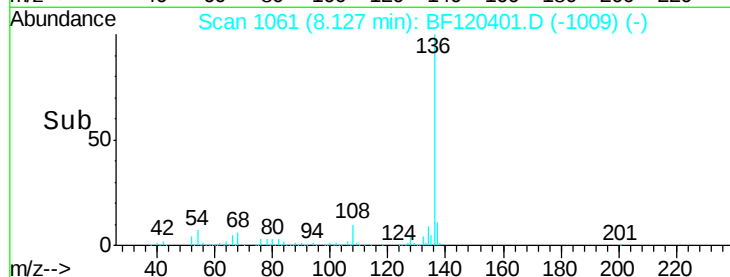
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

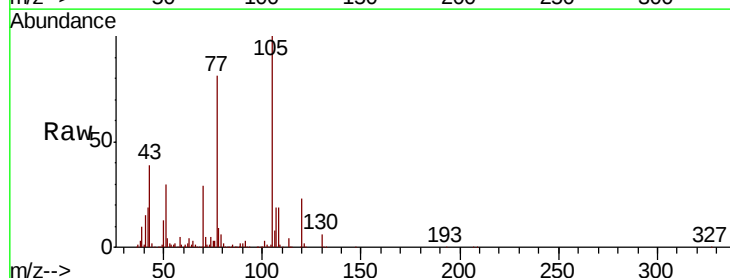
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 53.555 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1047742		
71	4.9		4.4	6.6
51	29.9		24.5	36.7
120	22.7		18.2	27.2



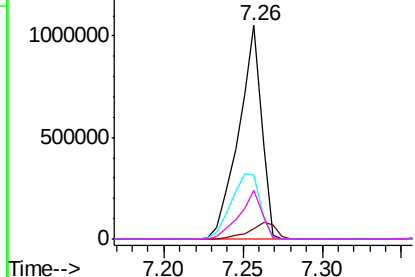
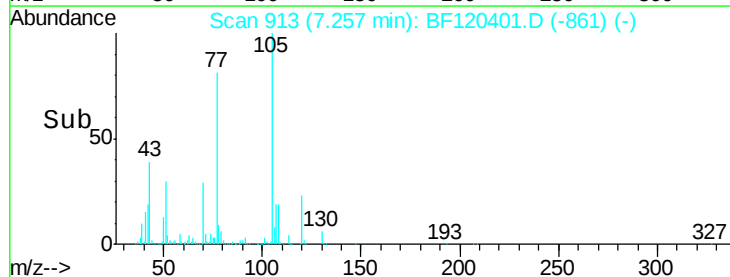
Abundance

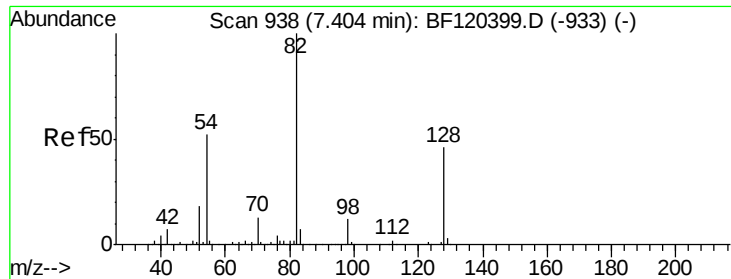
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





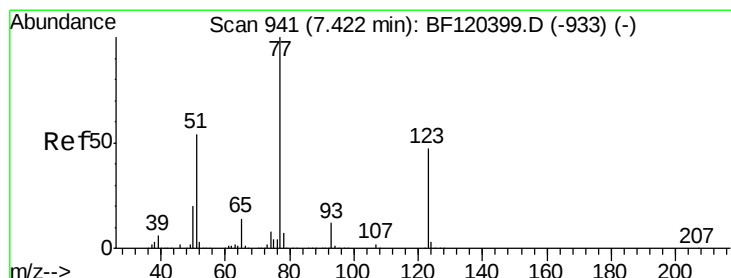
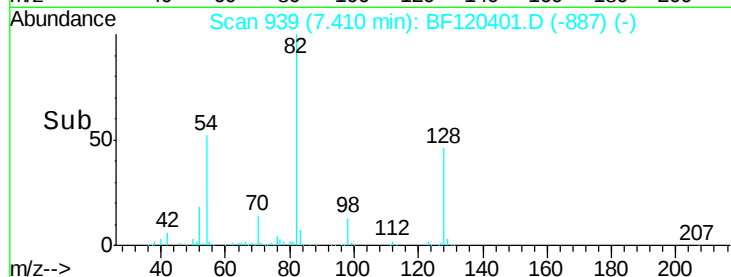
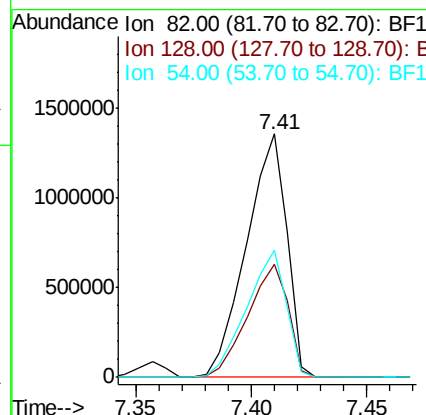
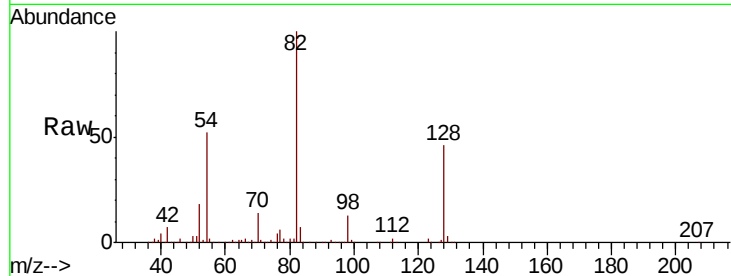
#23
 Nitrobenzene-d5
 Concen: 118.767 ng
 RT: 7.41 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.8	55.2
54	52.1	41.6	62.4

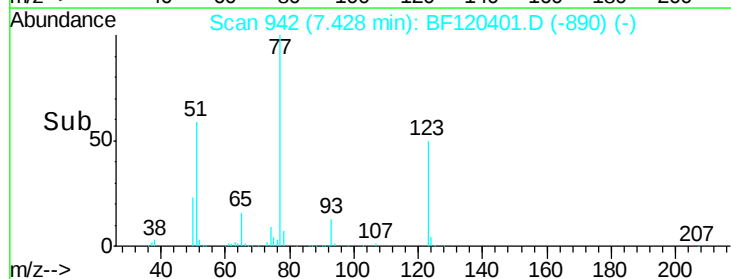
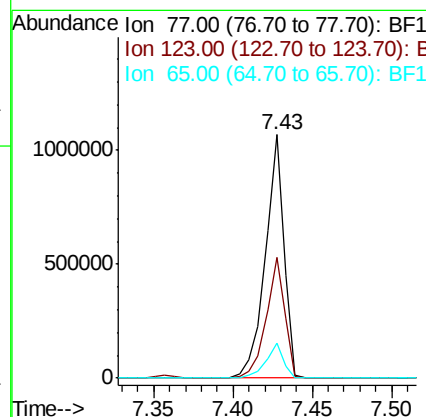
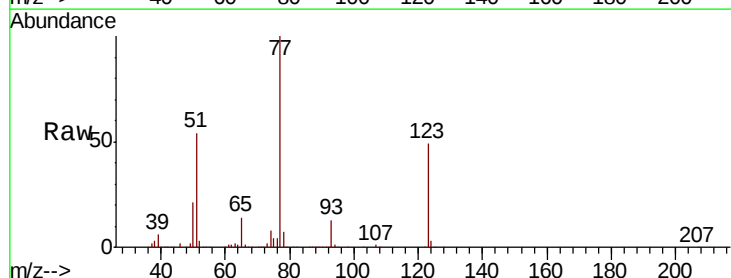
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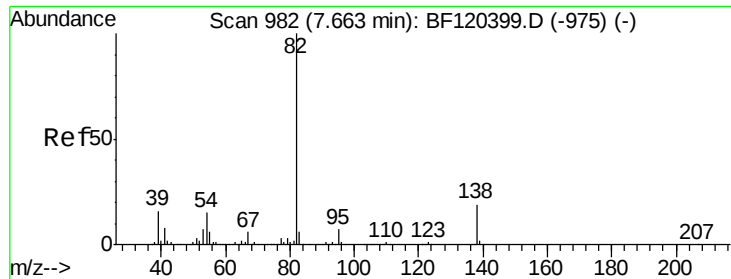
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#24
 Nitrobenzene
 Concen: 58.973 ng
 RT: 7.43 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.8	56.6
65	14.3	11.3	16.9





#25

Isophorone

Concen: 57.033 ng

RT: 7.67 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1655191

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

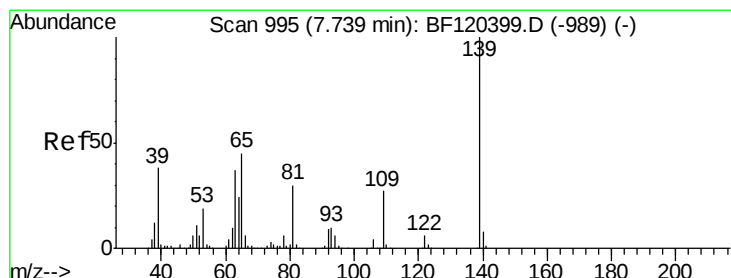
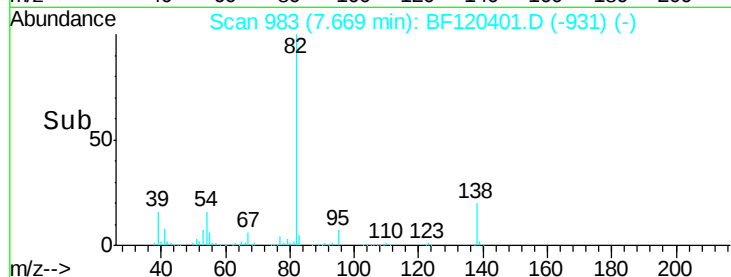
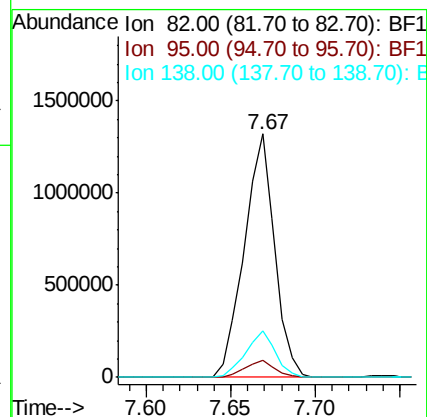
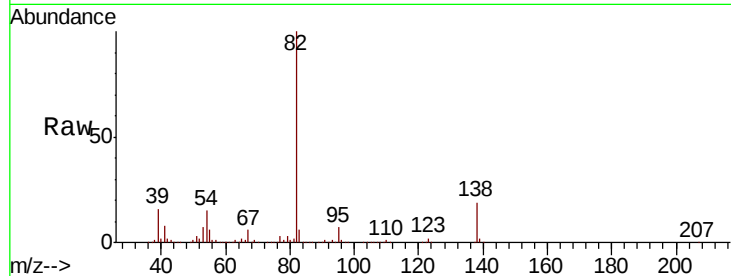
138 19.1 15.0 22.4

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#26

2-Nitrophenol

Concen: 54.141 ng

RT: 7.74 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

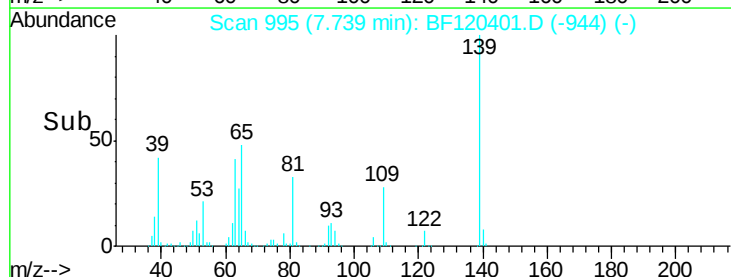
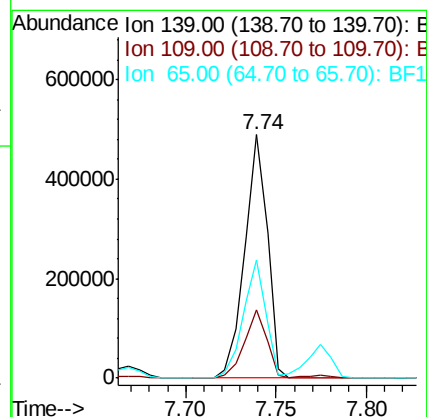
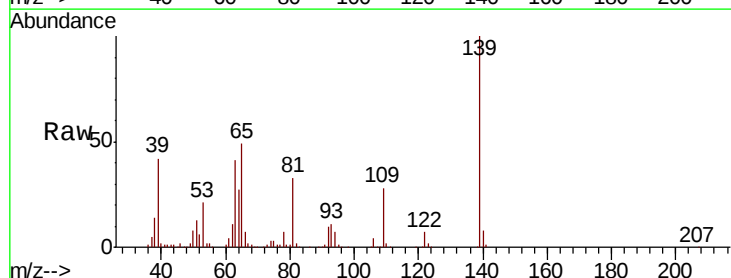
Tgt Ion: 139 Resp: 425048

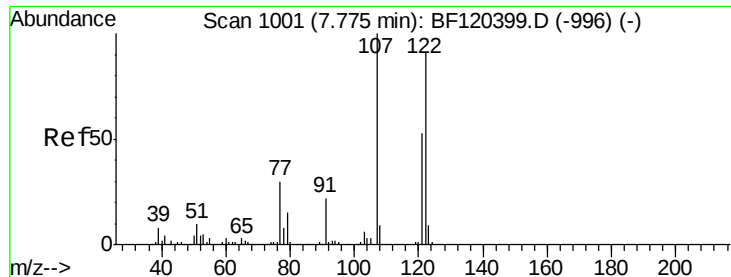
Ion Ratio Lower Upper

139 100

109 27.9 21.2 31.8

65 48.8 35.8 53.6





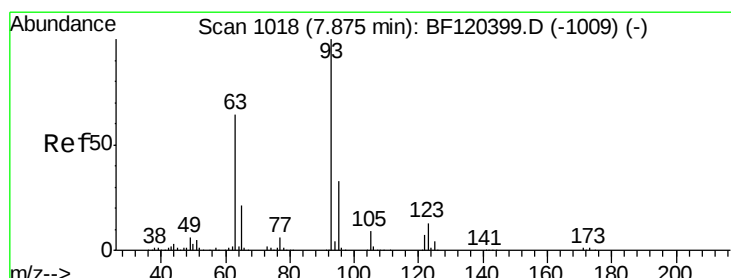
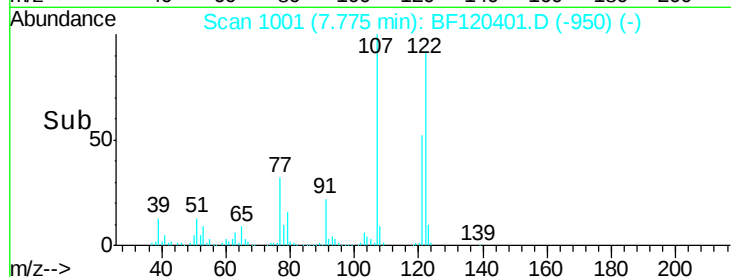
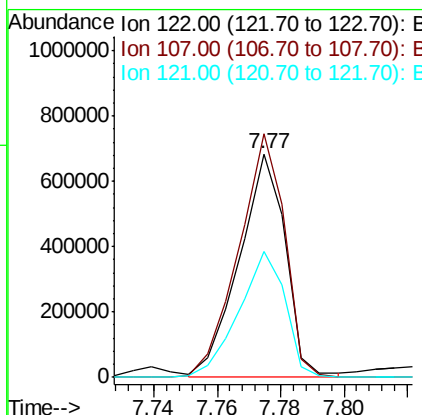
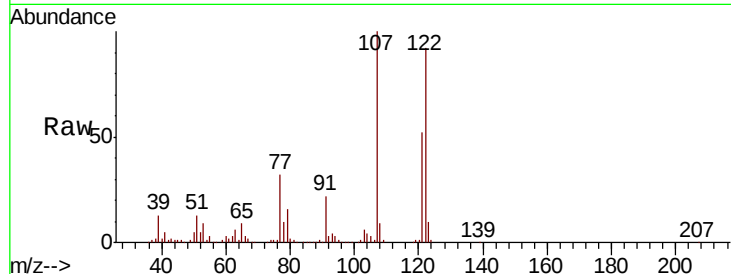
#27
2,4-Dimethylphenol
Concen: 60.458 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	690455		
107	109.0	87.3	130.9	
121	56.5	46.2	69.2	

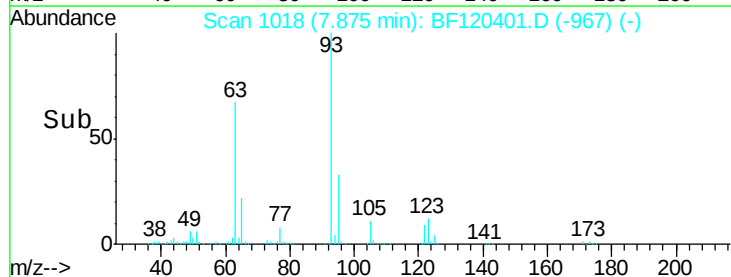
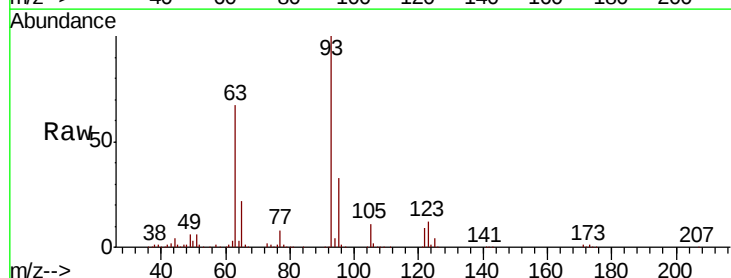
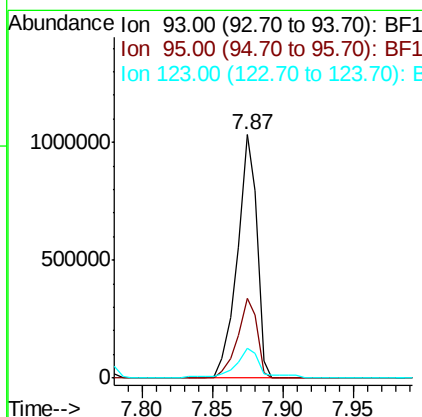
Manual Integrations
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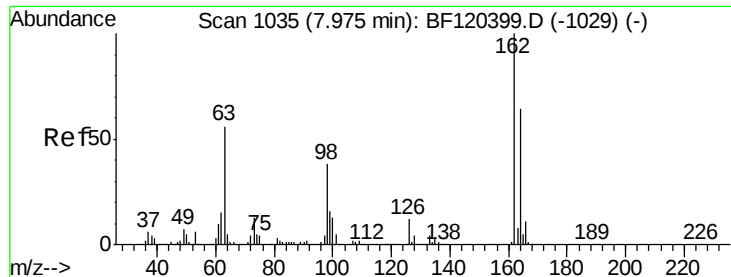
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 54.398 ng
RT: 7.87 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	992307		
95	32.8	26.6	39.8	
123	12.3	10.3	15.5	





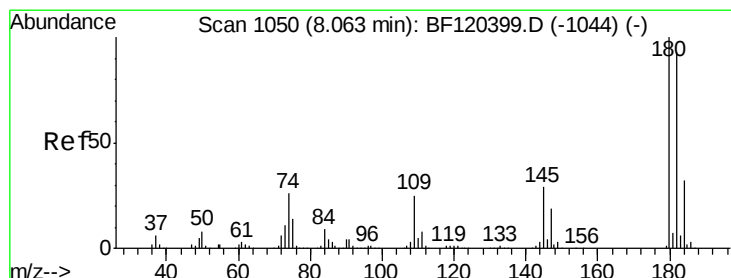
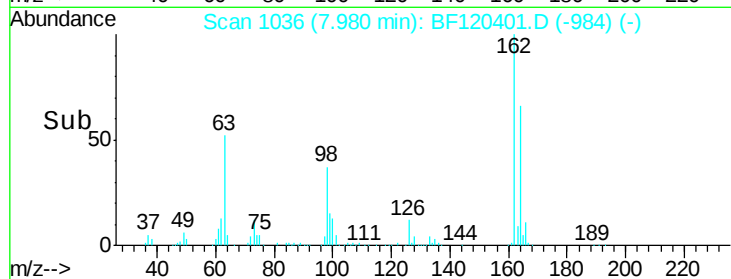
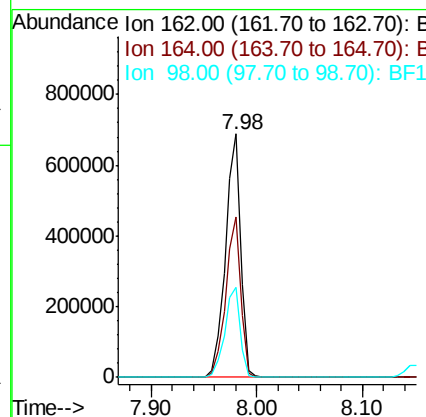
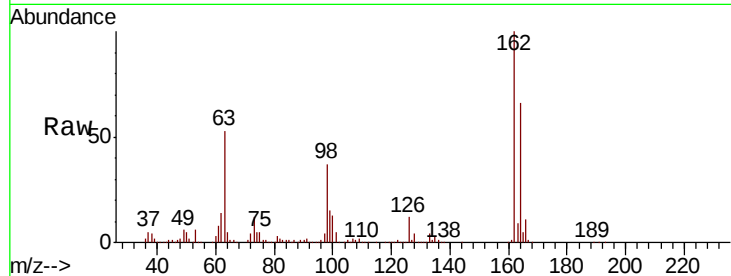
#29
2,4-Dichlorophenol
Concen: 59.600 ng
RT: 7.98 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	699057		
164	65.9	43.9	83.9	
98	37.0	17.8	57.8	

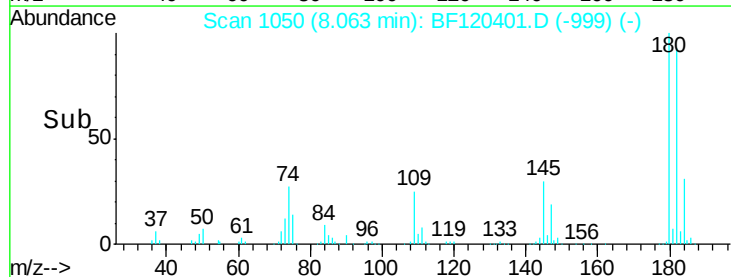
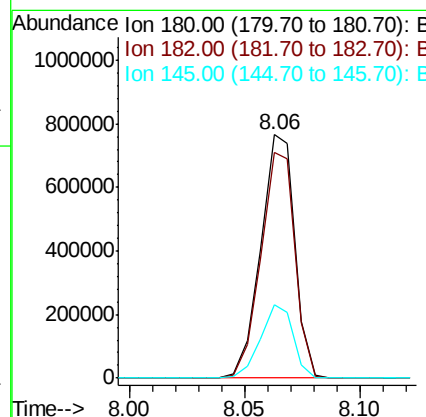
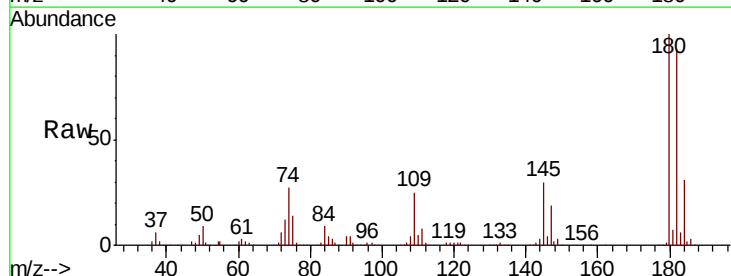
Manual Integrations
APPROVED

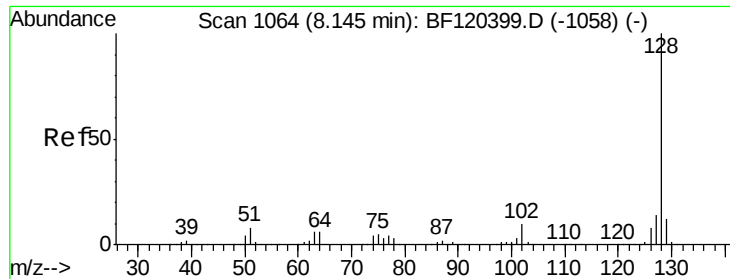
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 60.201 ng
RT: 8.06 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	782476		
182	93.0	74.6	111.8	
145	30.2	23.4	35.2	





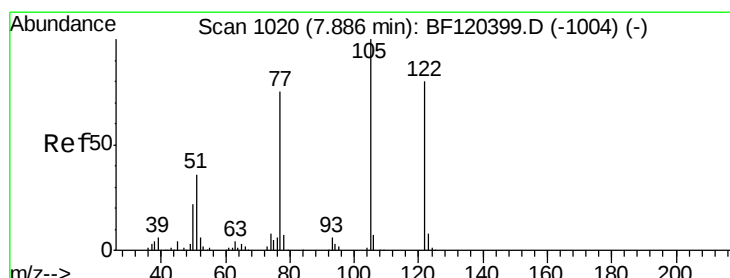
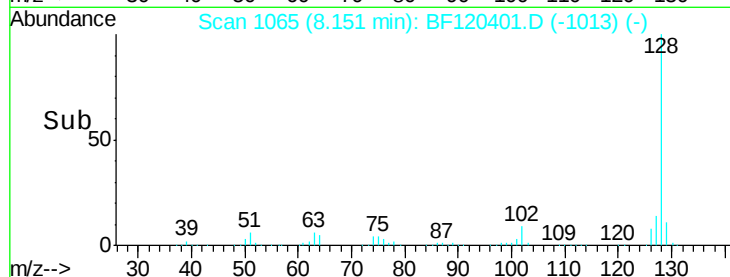
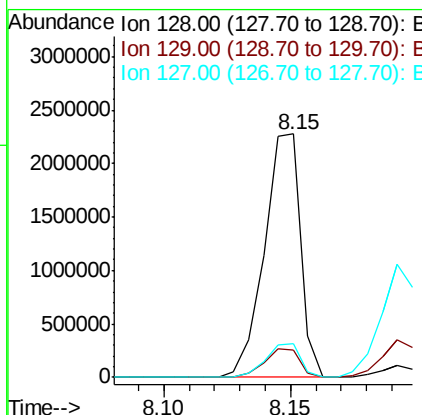
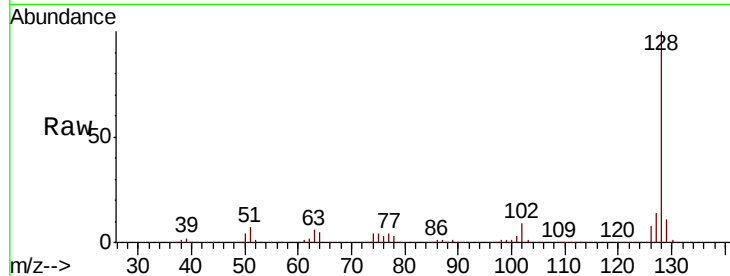
#31
Naphthalene
Concen: 56.719 ng
RT: 8.15 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.7	14.5
127	14.0	11.0	16.6

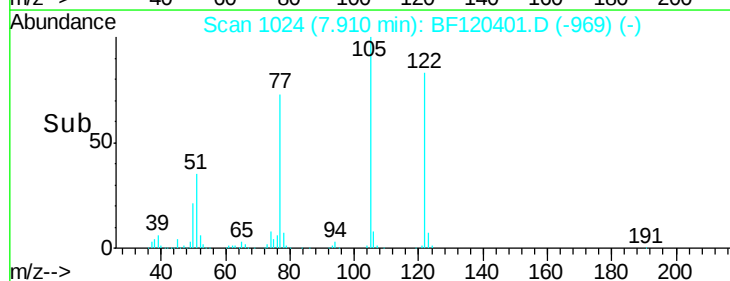
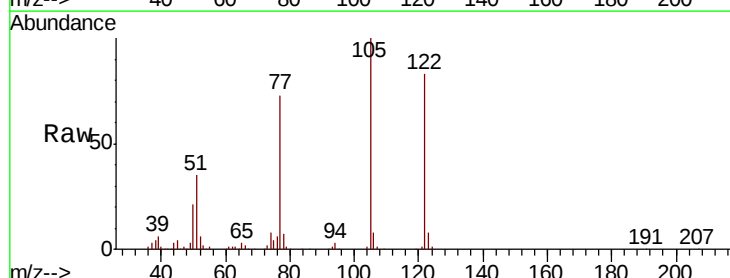
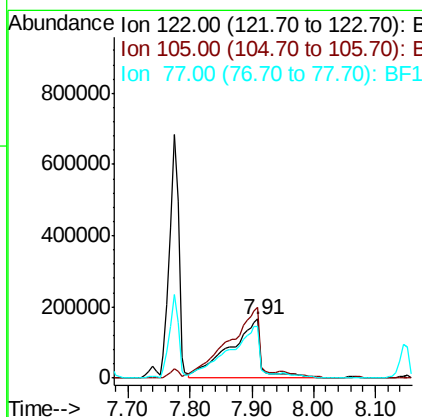
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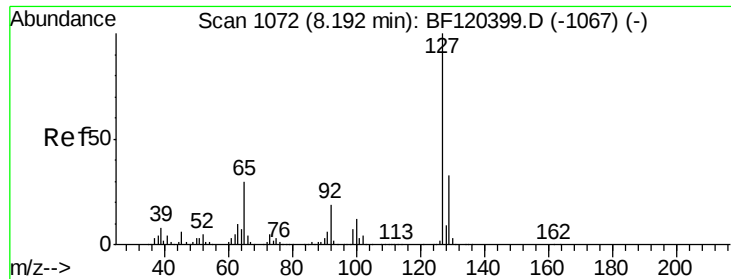
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#32
Benzoic acid
Concen: 79.528 ng
RT: 7.91 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	101.1	141.1
77	87.2	71.9	111.9





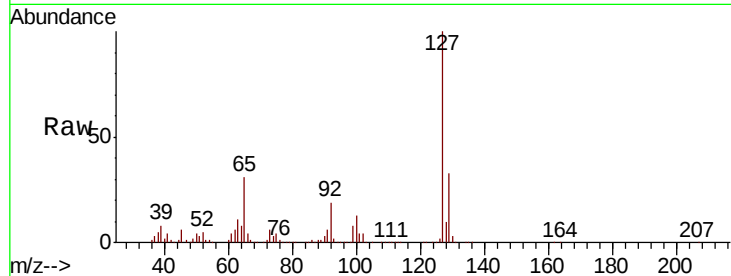
#33
4-Chloroaniline
Concen: 55.766 ng
RT: 8.19 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

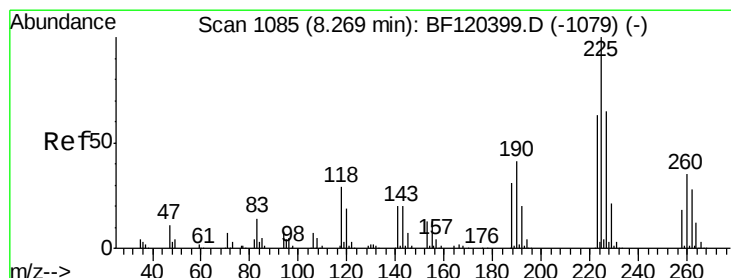
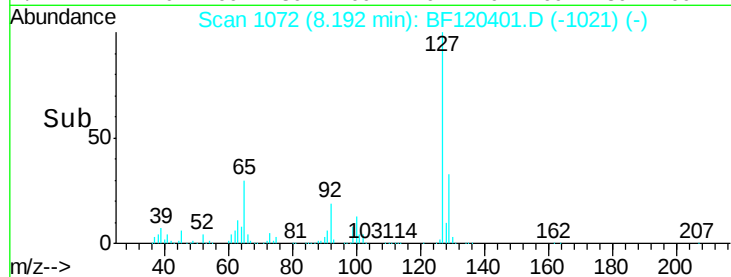
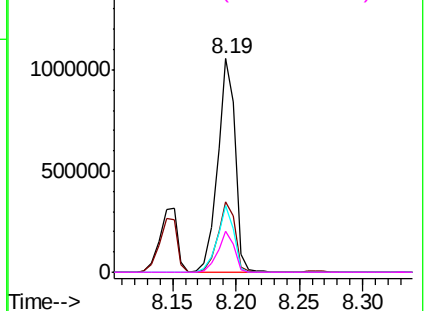
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.1	26.8	40.2	
65	30.9	23.7	35.5	
92	19.0	15.0	22.4	

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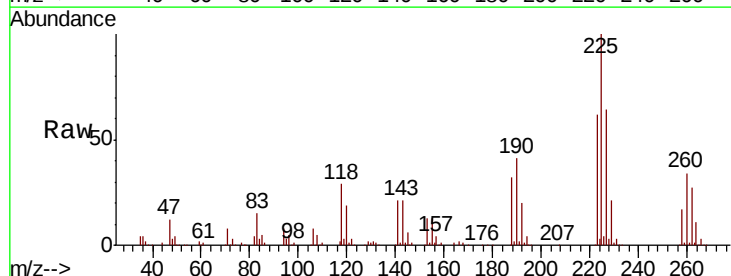


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

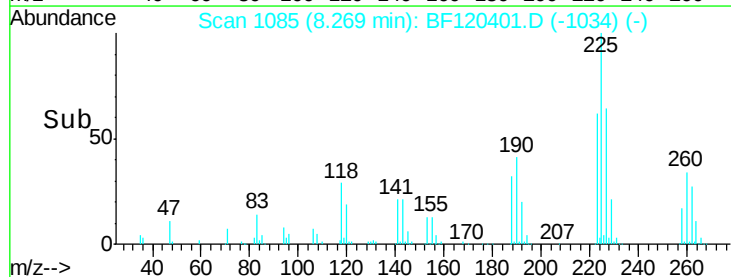
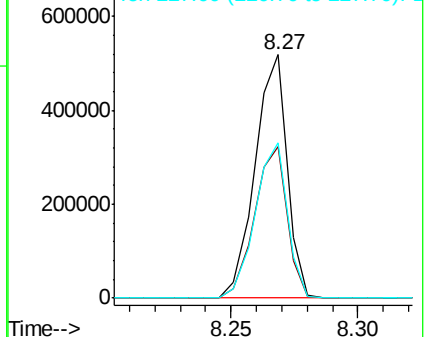


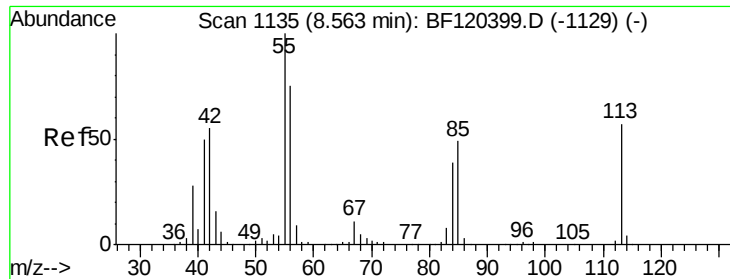
#34
Hexachlorobutadiene
Concen: 60.995 ng
RT: 8.27 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.2	50.2	75.2	
227	63.7	52.1	78.1	



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





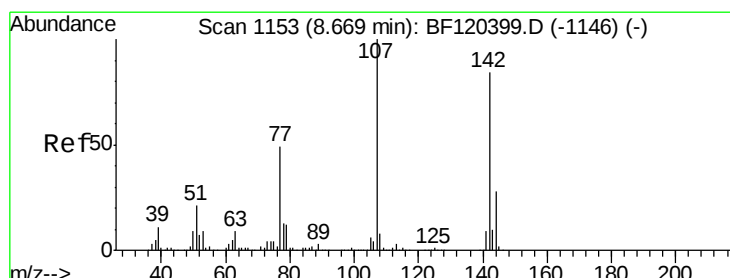
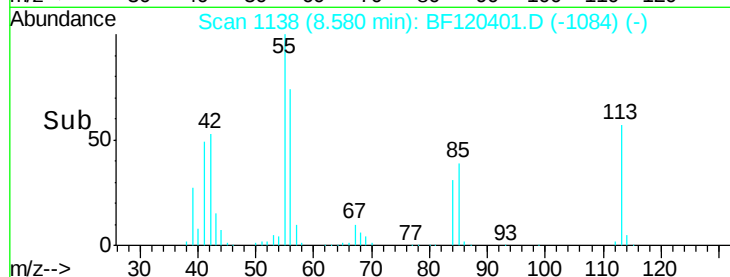
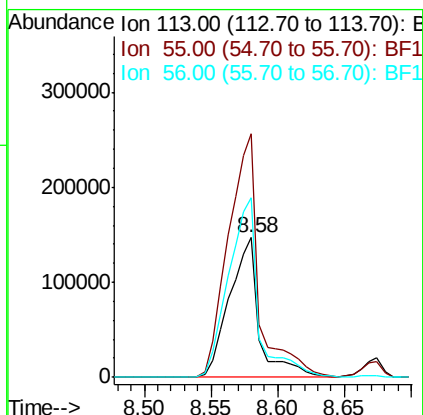
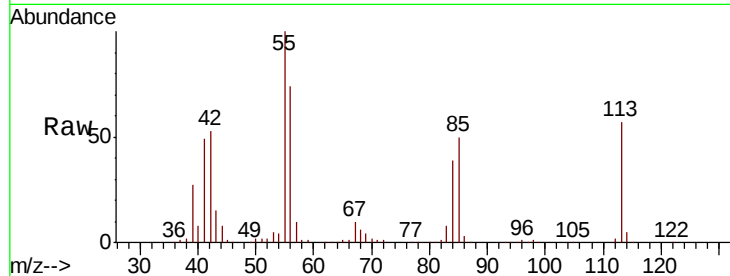
#35
Caprolactam
Concen: 60.605 ng
RT: 8.58 min Scan# 1138
Delta R.T. 0.02 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
113	100	232558		
55	174.4	154.9	194.9	
56	128.7	110.9	150.9	

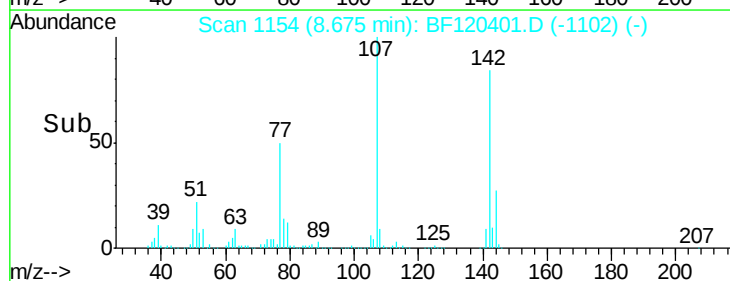
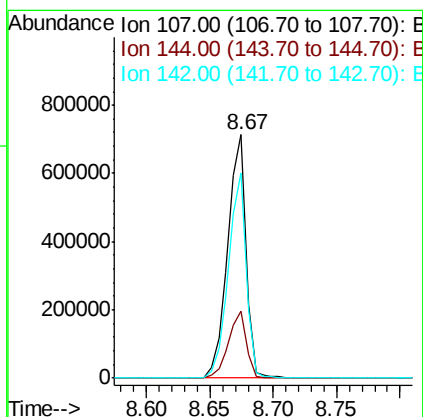
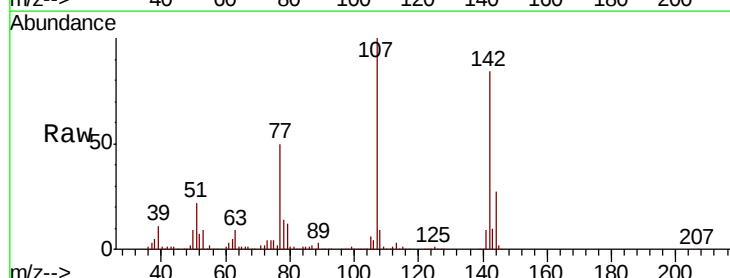
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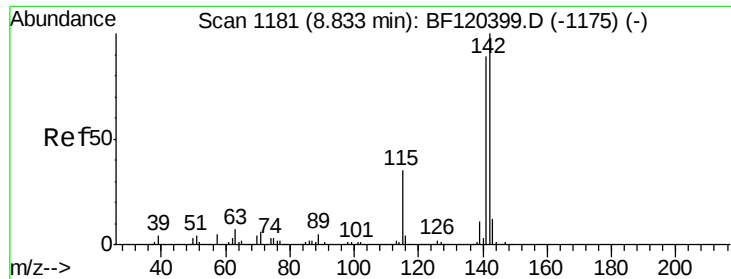
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#36
4-Chloro-3-methylphenol
Concen: 56.318 ng
RT: 8.67 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	714590		
144	27.3	22.0	33.0	
142	84.1	67.0	100.4	





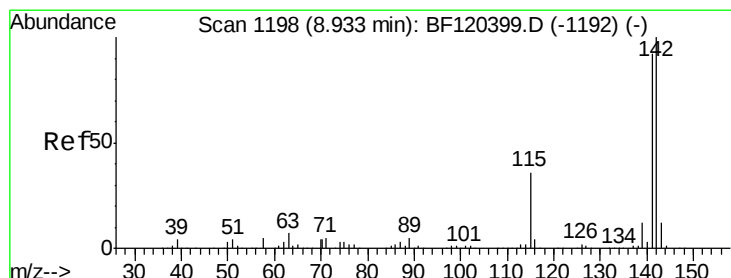
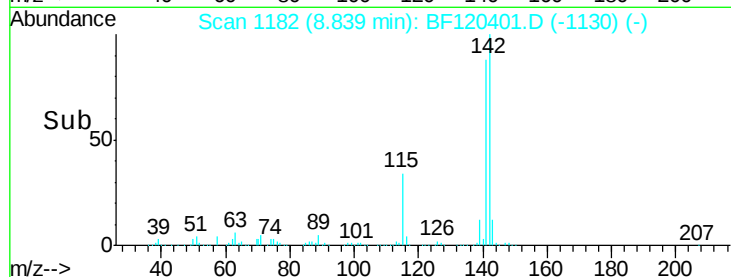
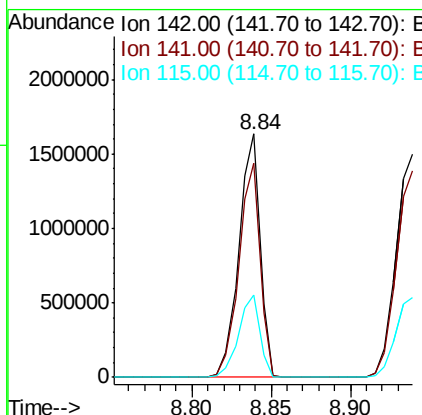
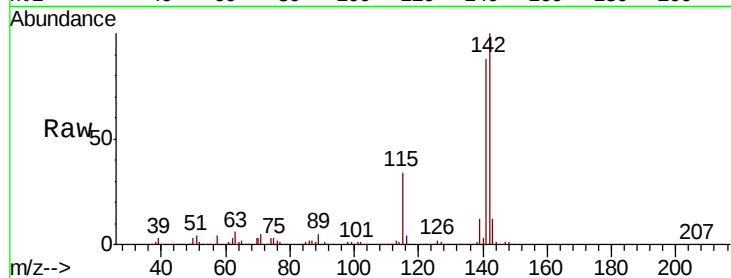
#37
2-Methylnaphthalene
Concen: 54.946 ng
RT: 8.84 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	34.0	27.8	41.8

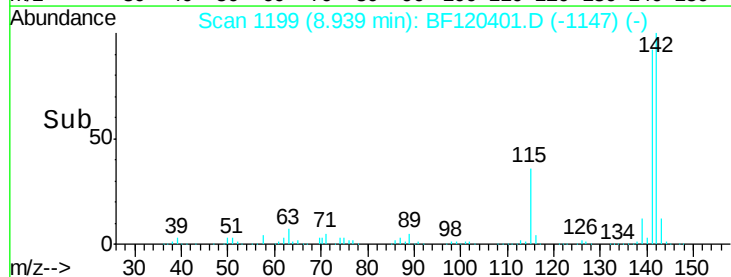
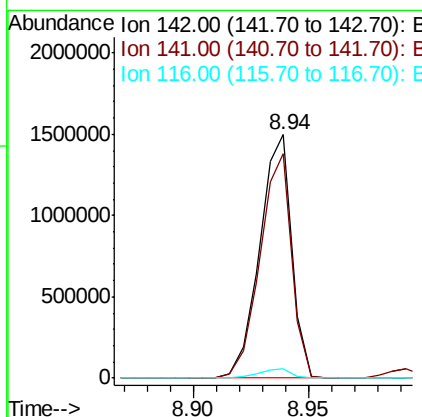
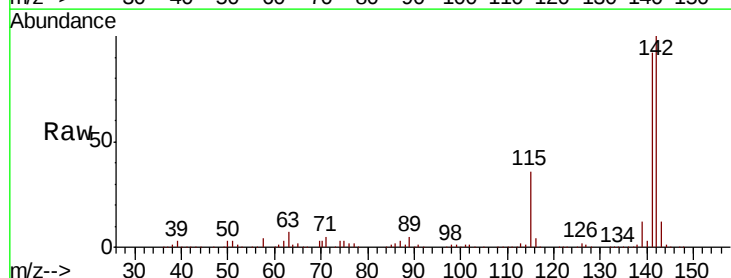
Manual Integrations
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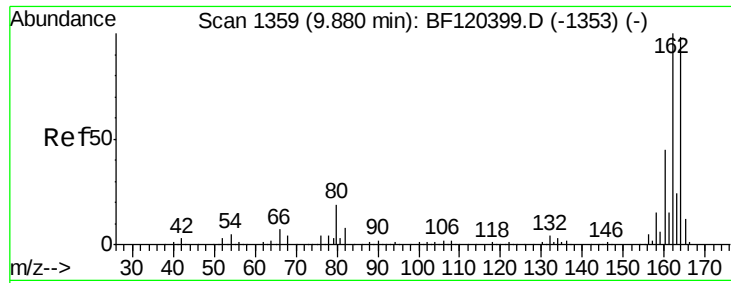
mohammad
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#38
1-Methylnaphthalene
Concen: 53.845 ng
RT: 8.94 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
116	3.7	3.1	4.7





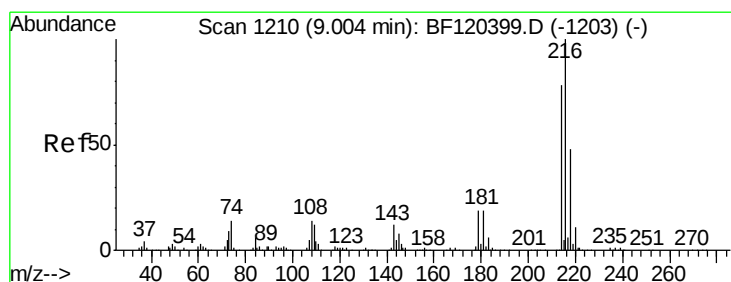
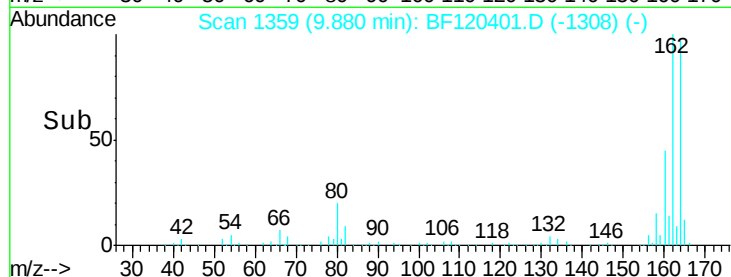
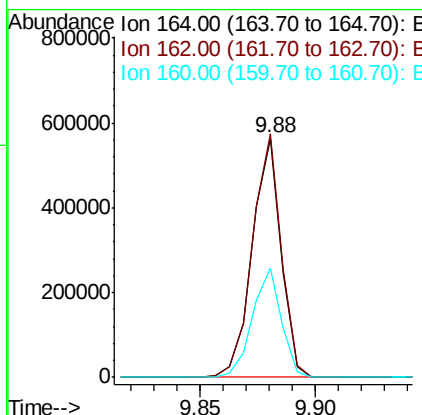
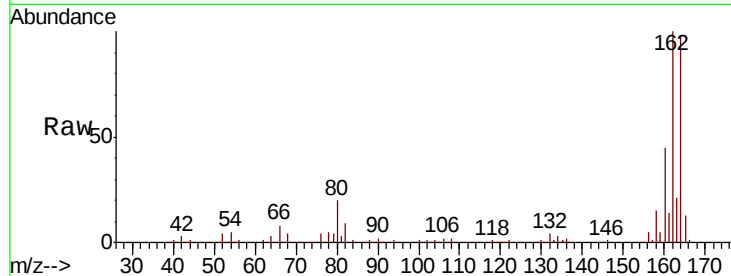
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.3	121.9	
160	45.8	36.9	55.3	

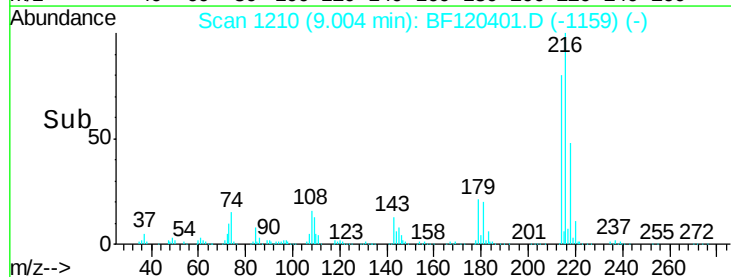
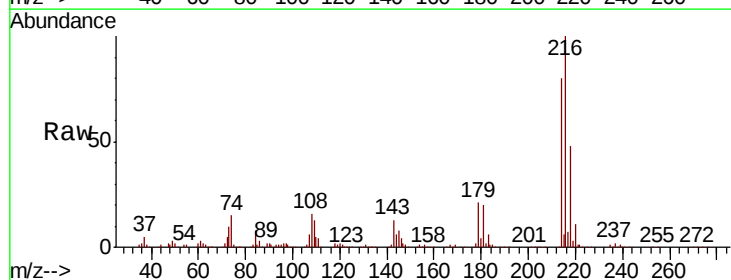
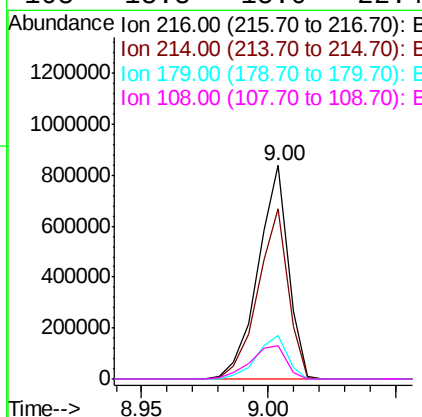
Manual Integrations
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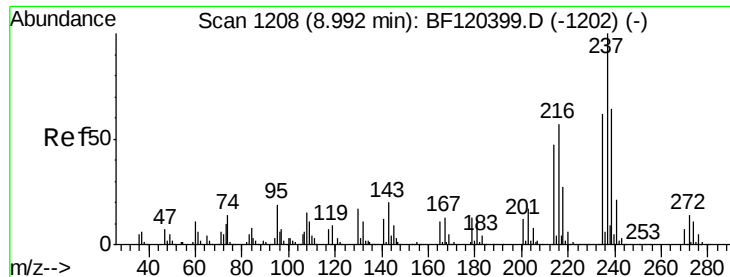
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.593 ng
RT: 9.00 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.6	95.4	
179	20.7	16.5	24.7	
108	18.8	15.0	22.4	





#41

Hexachlorocyclopentadiene

Concen: 92.212 ng

RT: 8.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

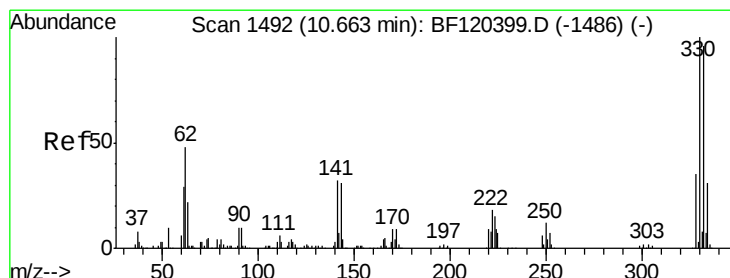
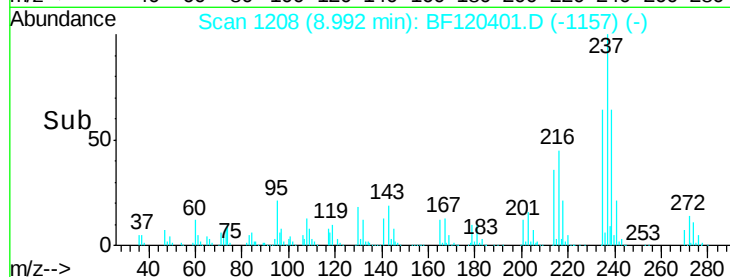
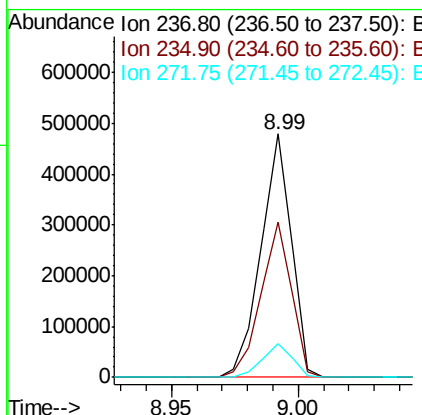
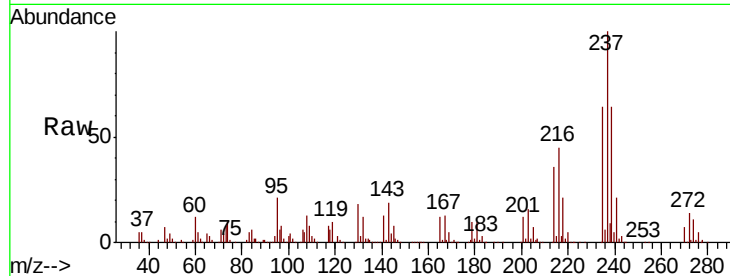
ClientSampleId :

SSTDICC060

Tot Ion:	237	Resp:	404027
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.4	82.4
272	13.8	0.0	33.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 129.051 ng

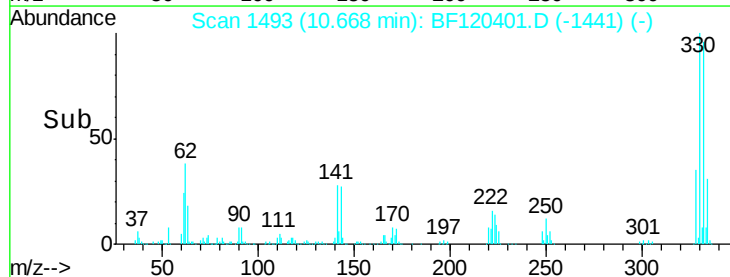
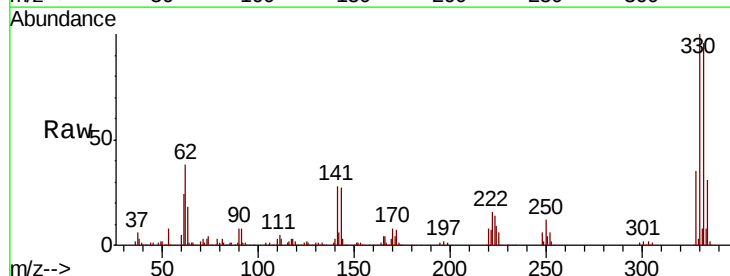
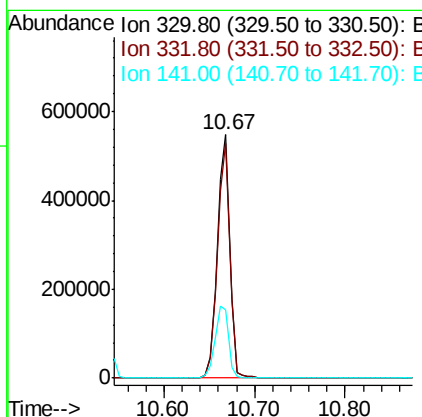
RT: 10.67 min Scan# 1493

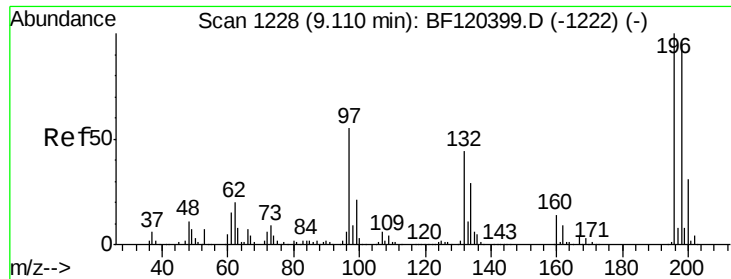
Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Tgt Ion:	330	Resp:	516801
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	32.2	25.3	37.9





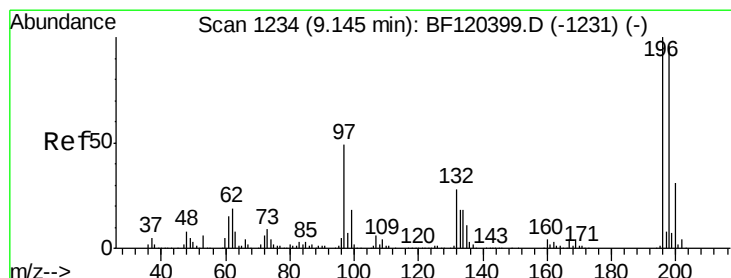
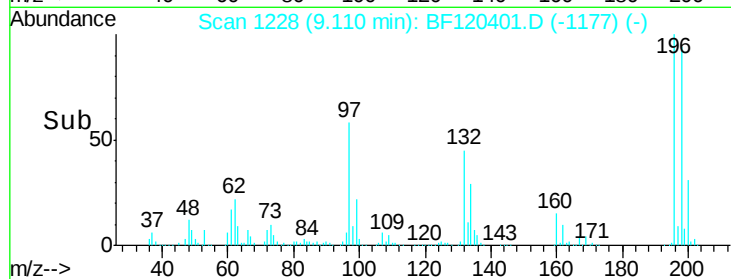
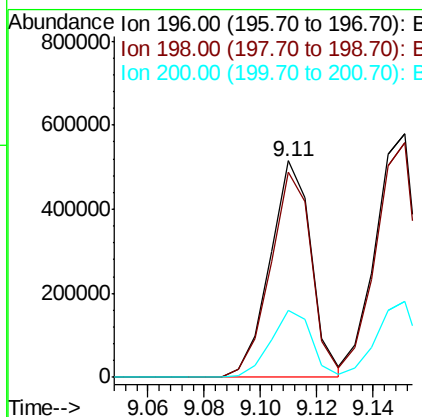
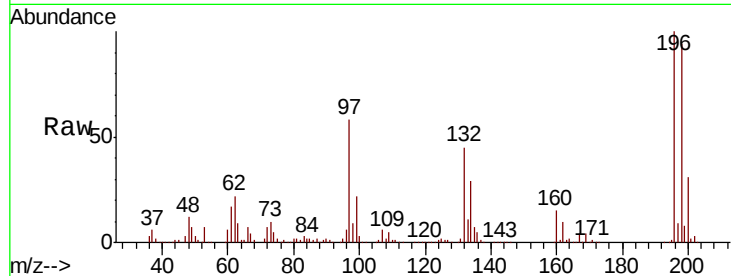
#43
 2,4,6-Trichlorophenol
 Concen: 62.652 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion:	196	Resp:	520836
Ion Ratio	Lower	Upper	
196	100		
198	94.4	77.1	115.7
200	31.1	25.0	37.6

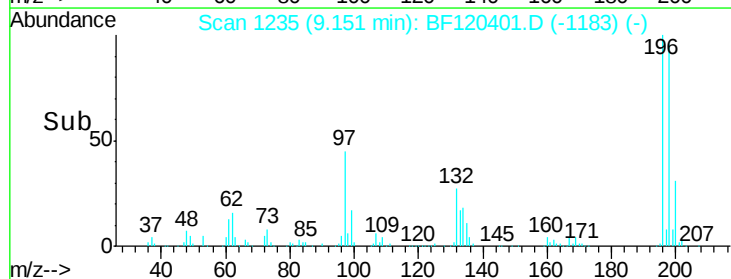
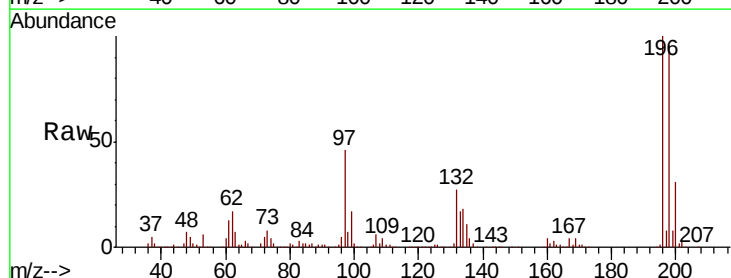
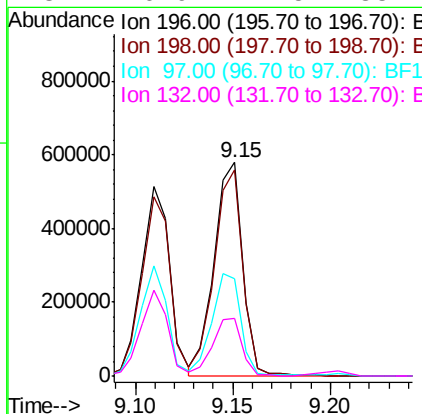
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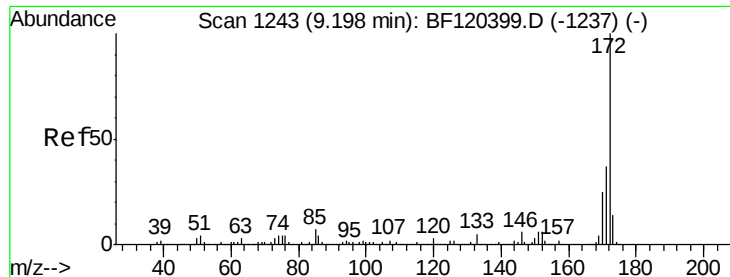
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#44
 2,4,5-Trichlorophenol
 Concen: 61.736 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion:	196	Resp:	589395
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.6	115.0
97	45.5	39.5	59.3
132	26.9	22.5	33.7





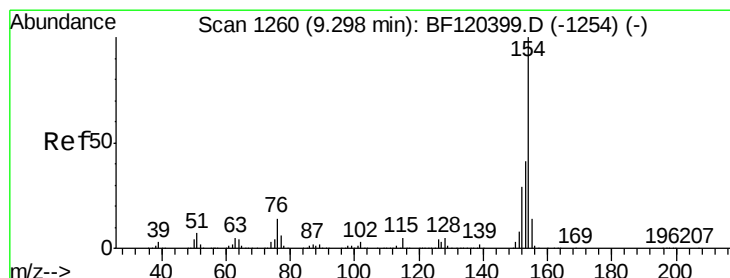
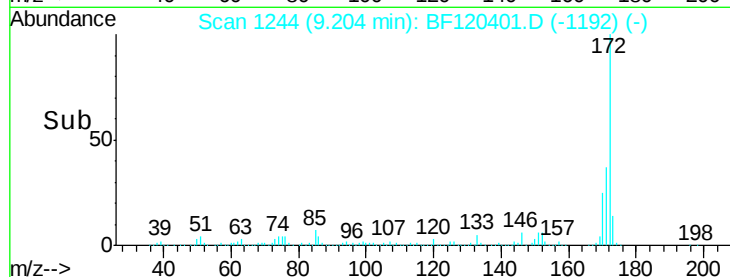
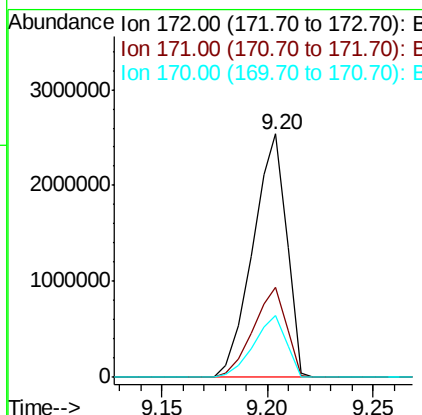
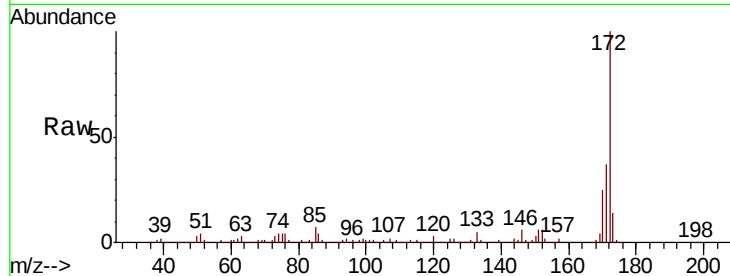
#45
2-Fluorobiphenyl
Concen: 117.717 ng
RT: 9.20 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.4	19.9	29.9

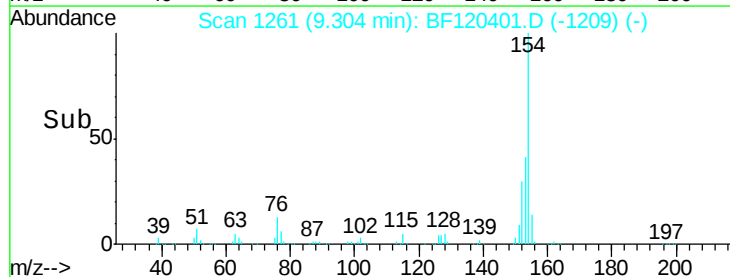
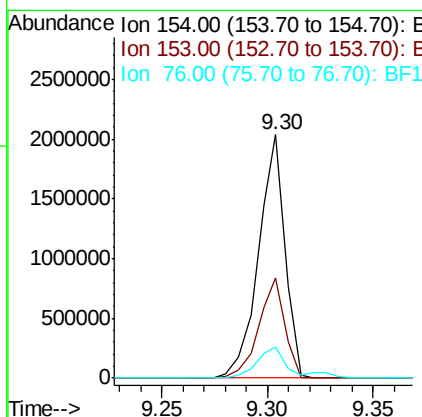
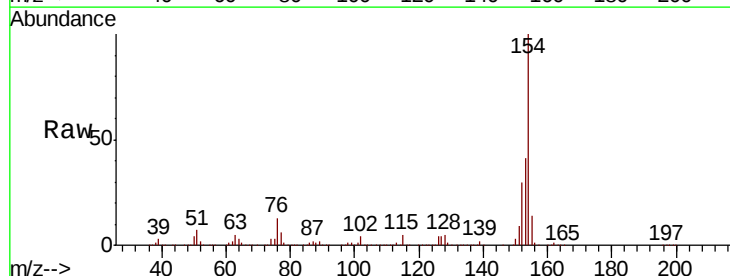
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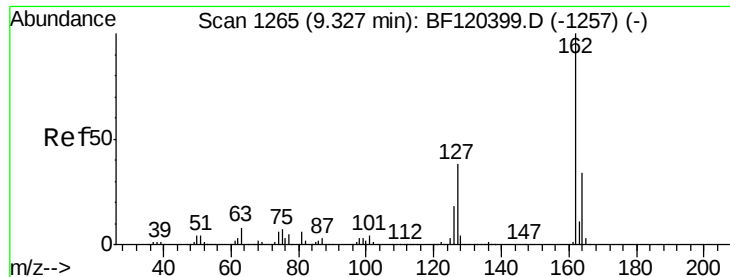
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#46
1,1'-Biphenyl
Concen: 55.072 ng
RT: 9.30 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	12.6	0.0	33.7





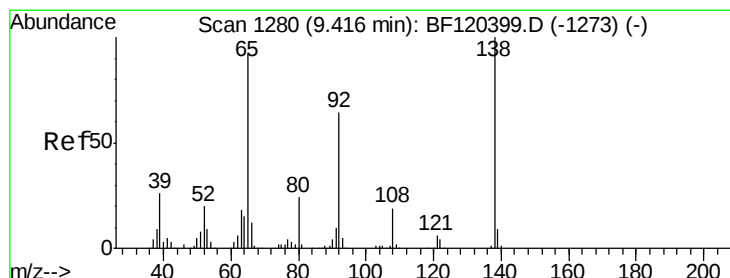
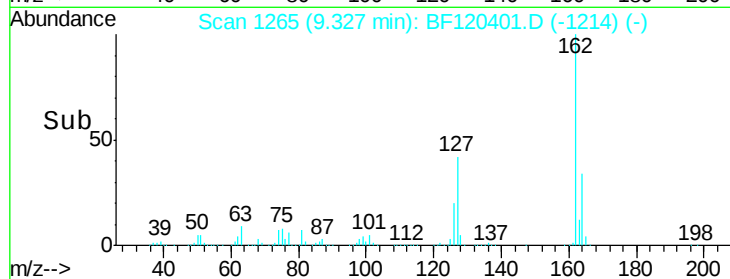
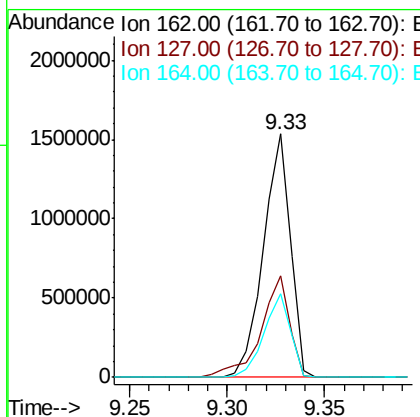
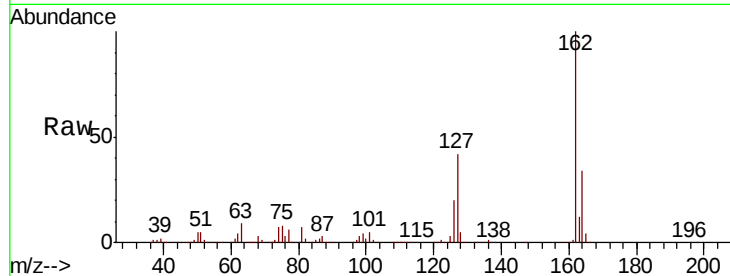
#47
 2-Chloronaphthalene
 Concen: 56.971 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	30.6	46.0
164	34.5	27.1	40.7

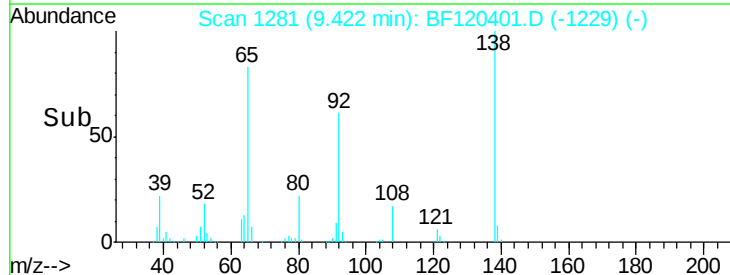
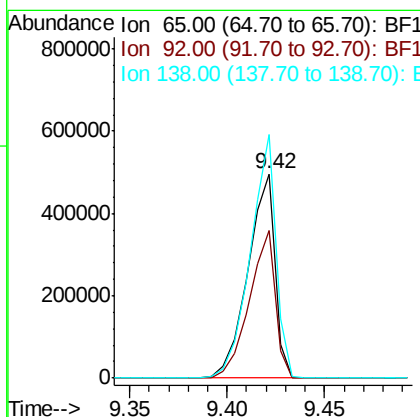
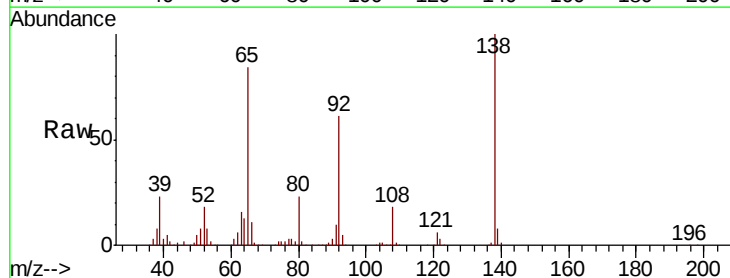
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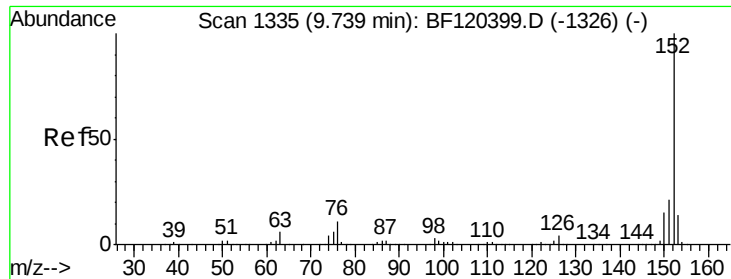
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#48
 2-Nitroaniline
 Concen: 50.643 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.7	83.5
138	119.1	86.9	130.3





#49

Acenaphthylene

Concen: 57.881 ng

RT: 9.75 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:152 Resp: 2282388

Ion Ratio Lower Upper

152 100

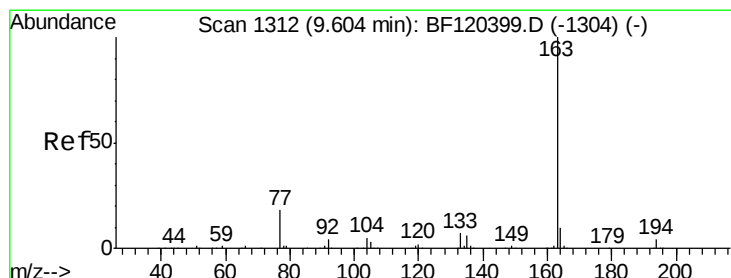
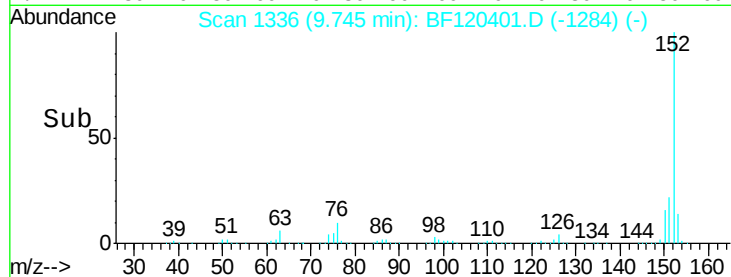
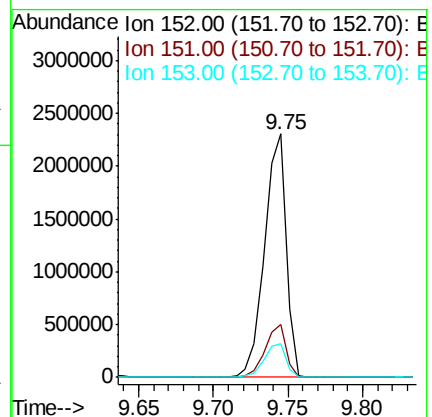
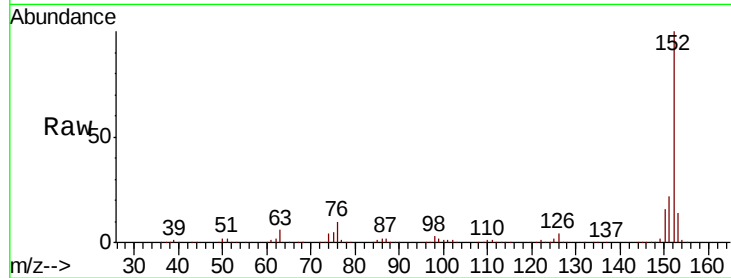
151 21.7 16.8 25.2

153 13.8 11.2 16.8

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#50

Dimethylphthalate

Concen: 55.208 ng

RT: 9.61 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

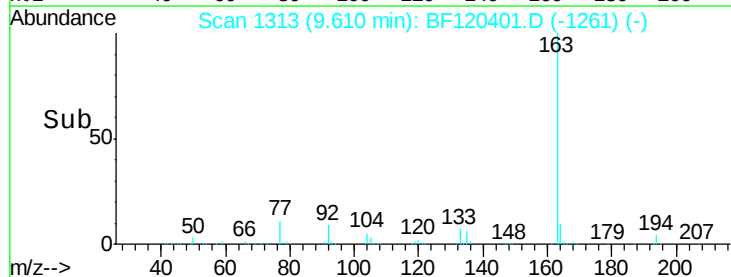
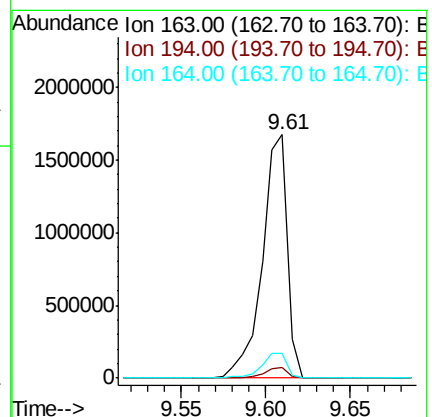
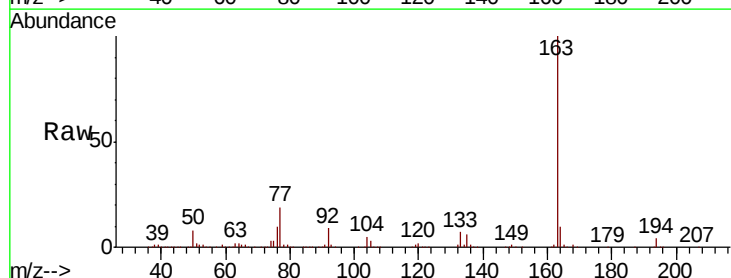
Tgt Ion:163 Resp: 1714101

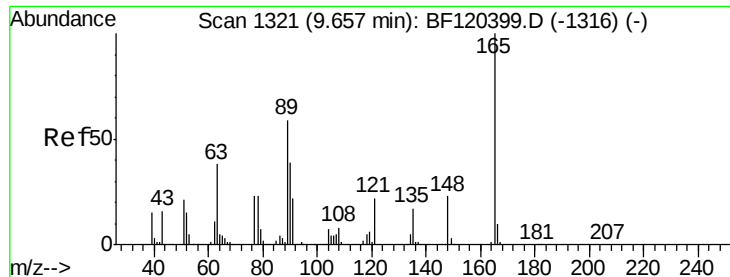
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 57.502 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

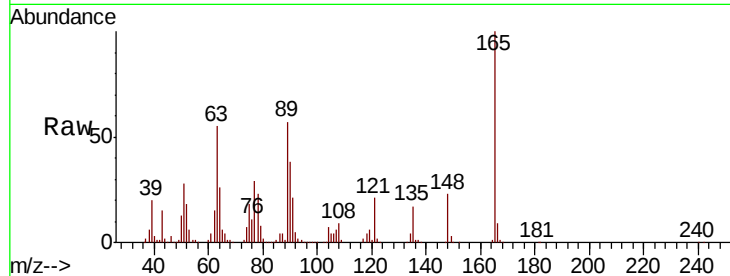
ClientSampleId :

SSTDICC060

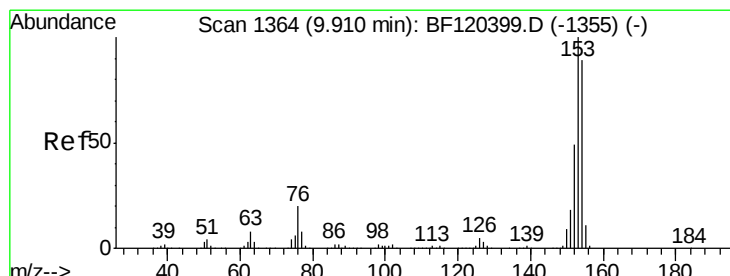
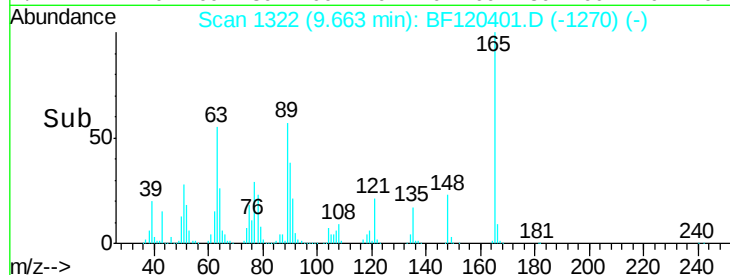
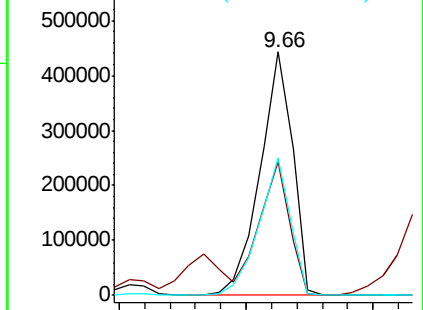
Tot Ion:	165	Resp:	398468
Ion Ratio		Lower	Upper
165	100		
63	55.1	46.9	70.3
89	56.6	47.5	71.3

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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



#52

Acenaphthene

Concen: 60.461 ng

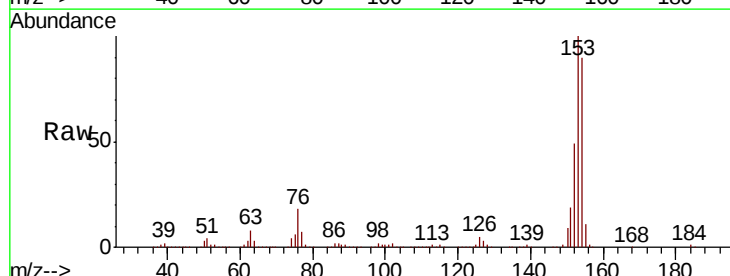
RT: 9.92 min Scan# 1365

Delta R.T. 0.01 min

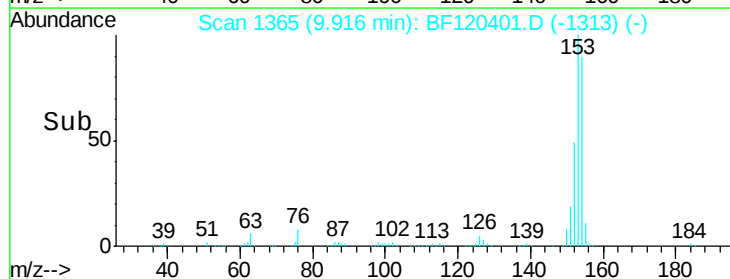
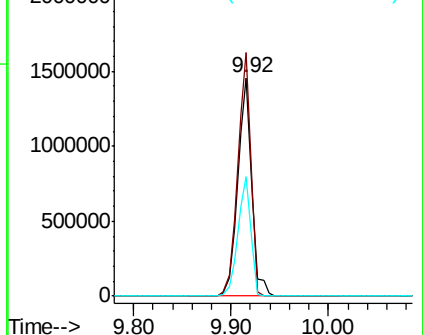
Lab File: BF120401.D

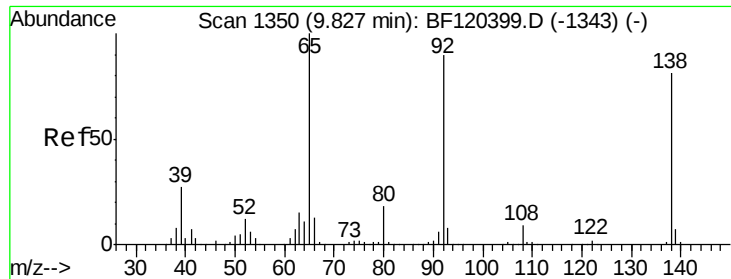
Acq: 28 May 2020 11:51

Tgt Ion:	154	Resp:	1429056
Ion Ratio		Lower	Upper
154	100		
153	111.5	90.0	135.0
152	54.9	43.9	65.9



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





#53

3-Nitroaniline

Concen: 56.436 ng

RT: 9.83 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

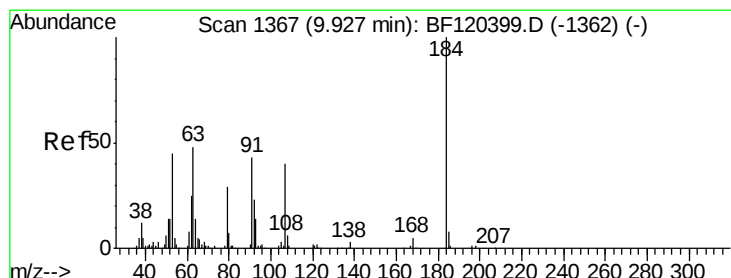
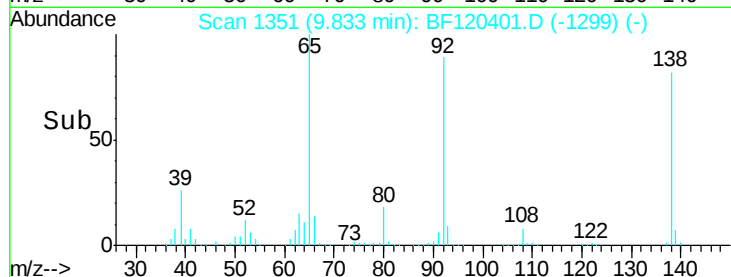
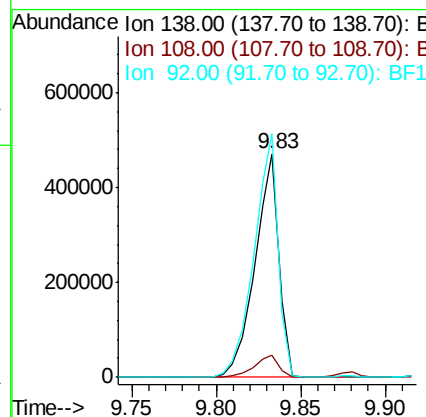
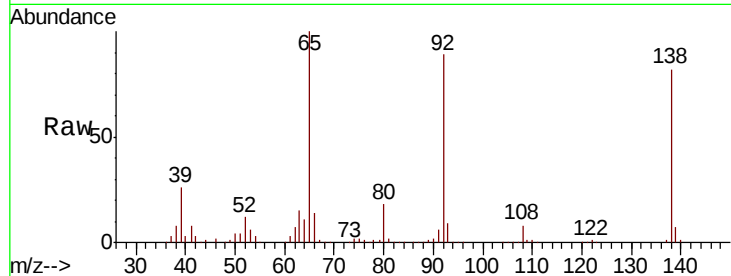
ClientSampleId :

SSTDIC060

Tot Ion:	138	Resp:	466373
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.5	12.7
92	109.1	89.0	133.4

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#54

2,4-Dinitrophenol

Concen: 48.660 ng

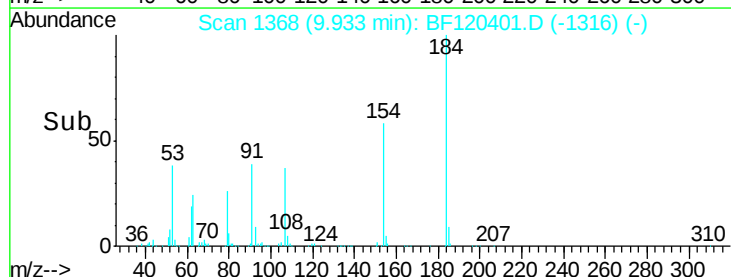
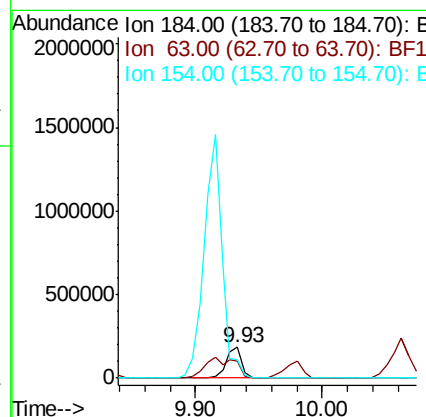
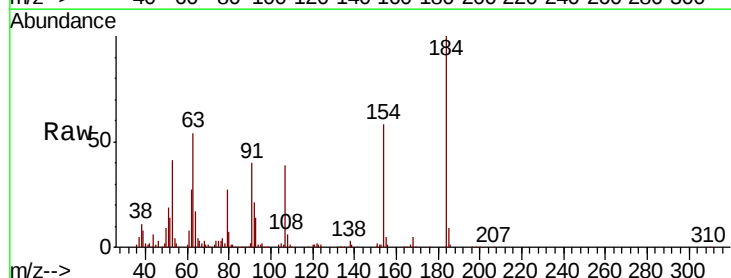
RT: 9.93 min Scan# 1368

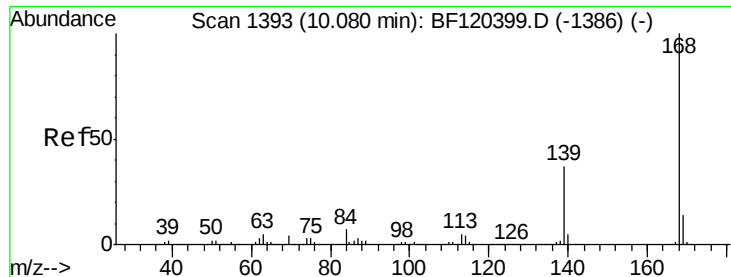
Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Tgt Ion:	184	Resp:	159167
Ion Ratio	Lower	Upper	
184	100		
63	53.5	45.9	68.9
154	57.5	46.4	69.6





#55

Dibenzenofuran

Concen: 60.085 ng

RT: 10.09 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:168 Resp: 2045116

Ion Ratio Lower Upper

168 100

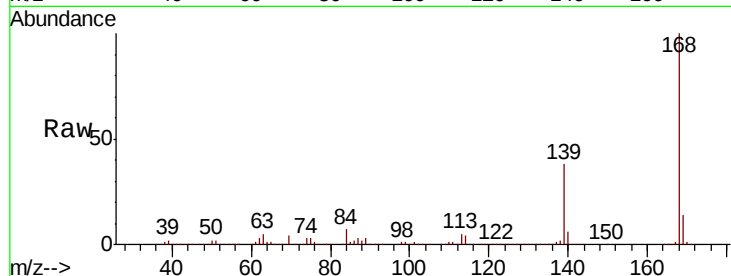
139 38.3 30.0 45.0

169 14.3 11.5 17.3

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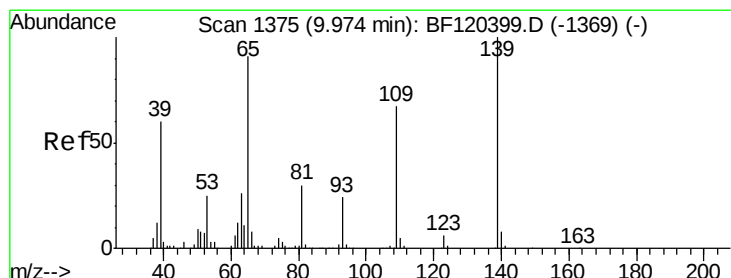
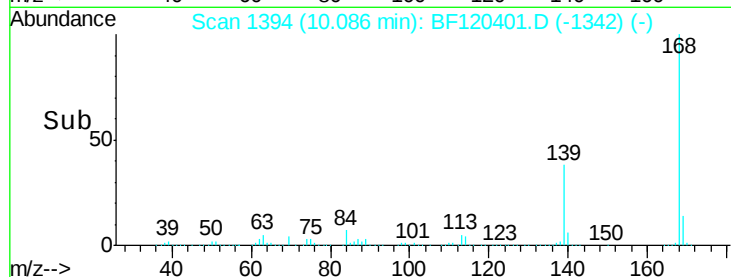
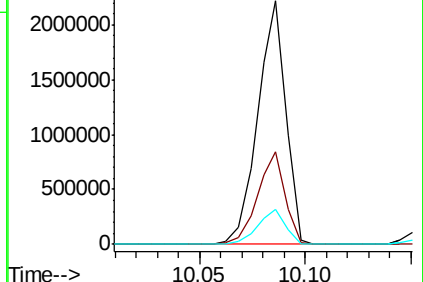
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.243 ng

RT: 9.98 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Tgt Ion:139 Resp: 369622

Ion Ratio Lower Upper

139 100

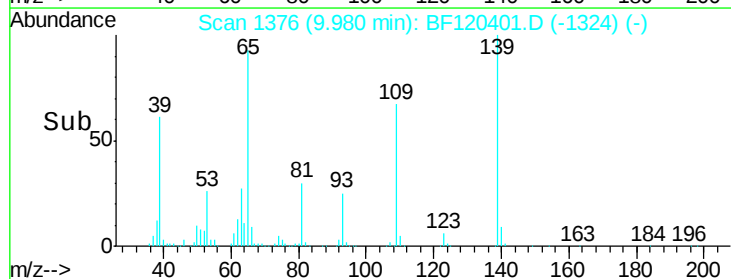
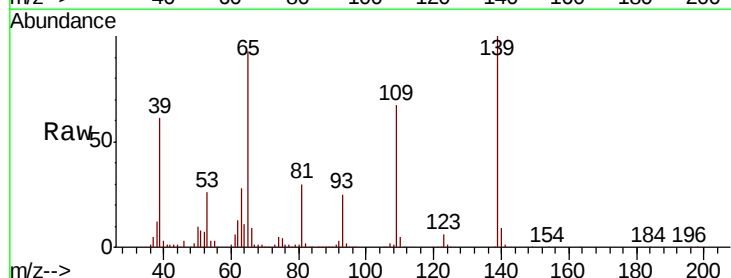
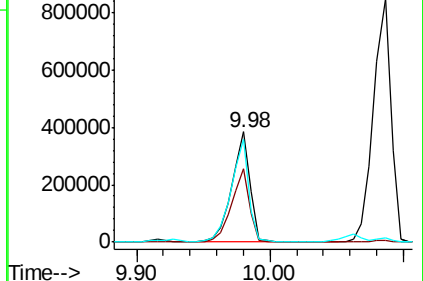
109 67.2 47.3 87.3

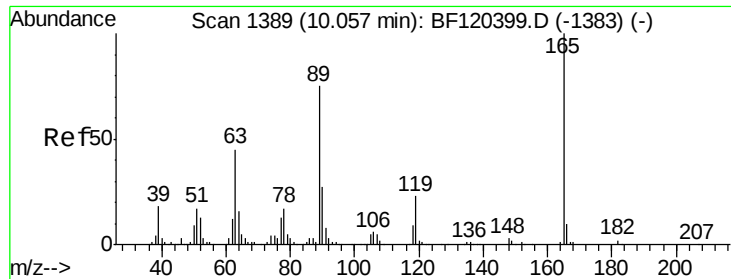
65 93.3 71.5 111.5

Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





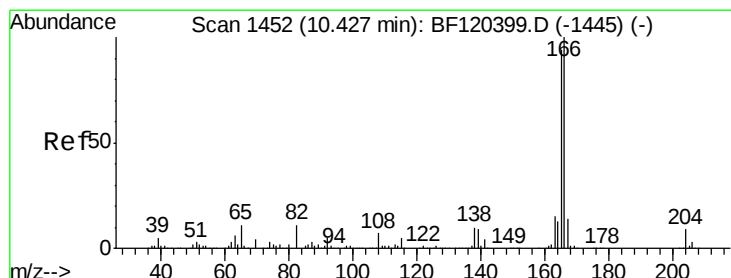
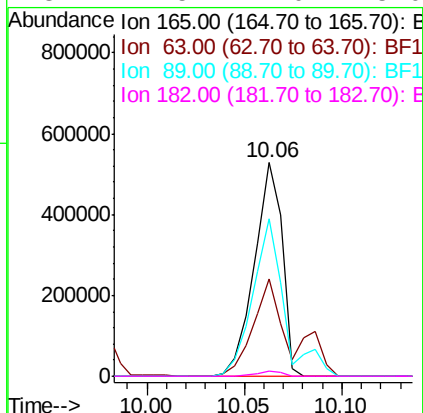
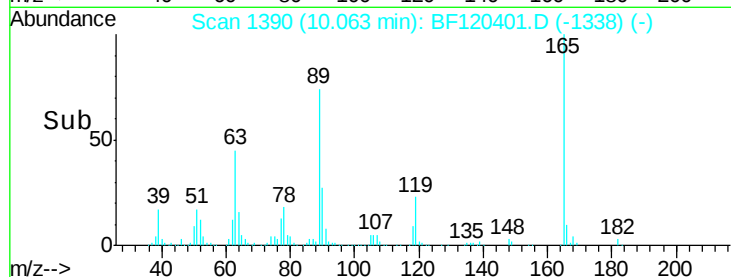
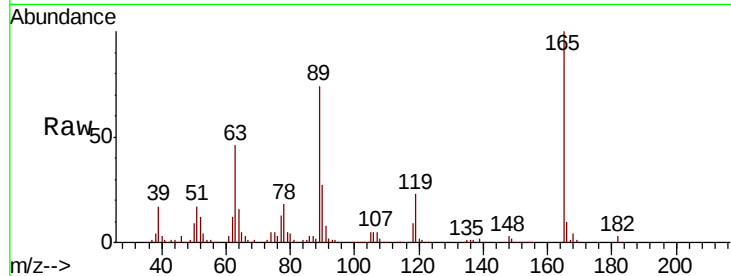
#57
2,4-Dinitrotoluene
Concen: 64.135 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		521343		
63	45.7	35.9	53.9		
89	73.8	60.0	90.0		
182	2.5	2.0	3.0		

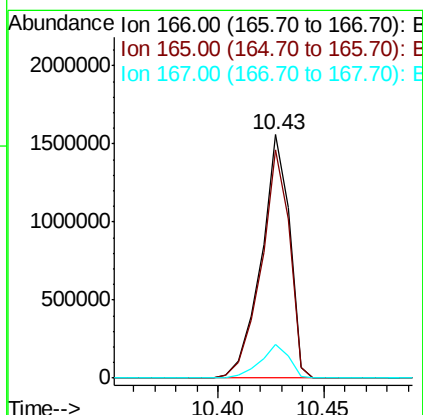
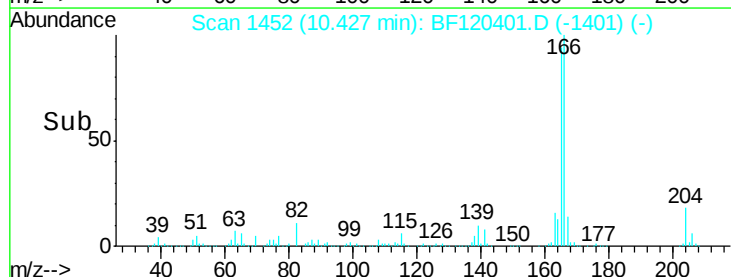
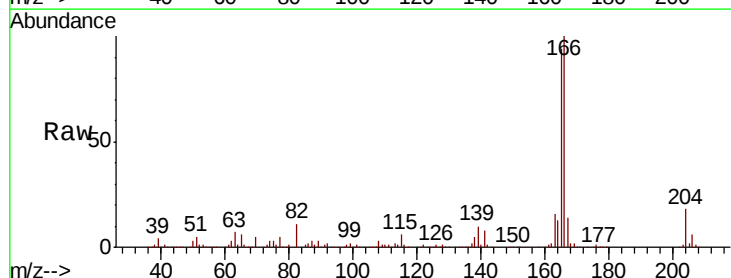
Manual Integrations
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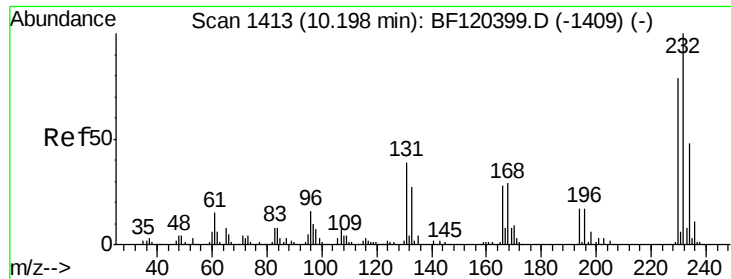
mohammad
5/29/2020 10:27:47 PM



#58
Fluorene
Concen: 55.980 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1451115		
165	93.9	75.6	113.4		
167	13.9	10.9	16.3		





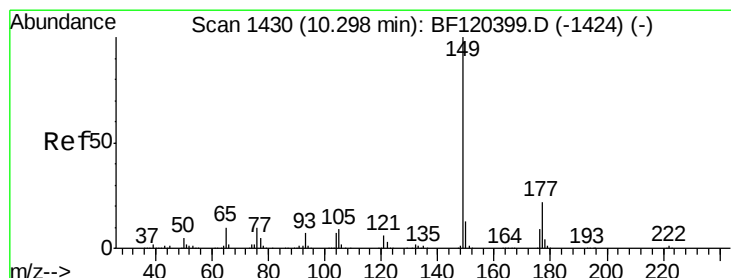
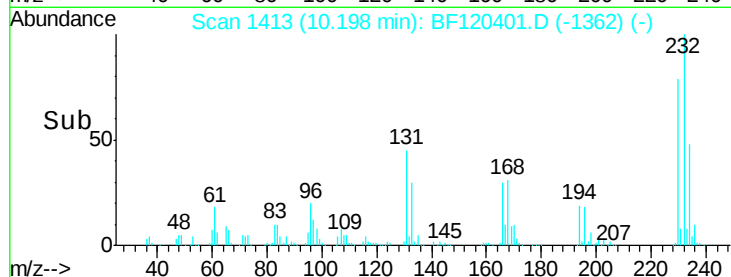
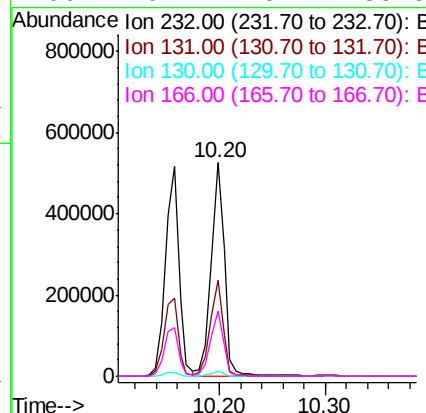
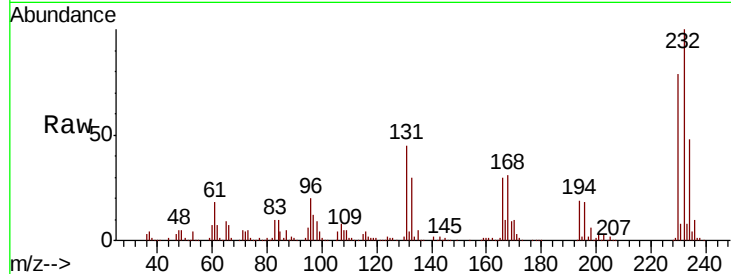
#59
2,3,4,6-Tetrachlorophenol
Concen: 64.129 ng
RT: 10.20 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	34.6	51.8
130	2.1	1.7	2.5
166	29.7	23.7	35.5

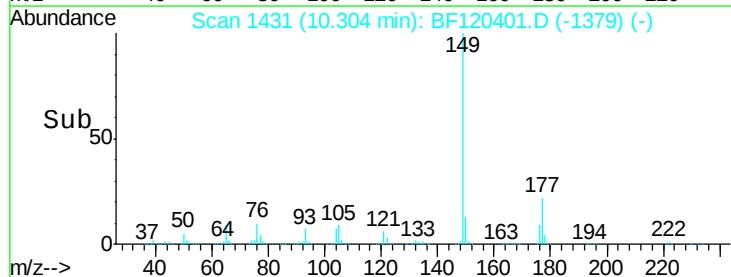
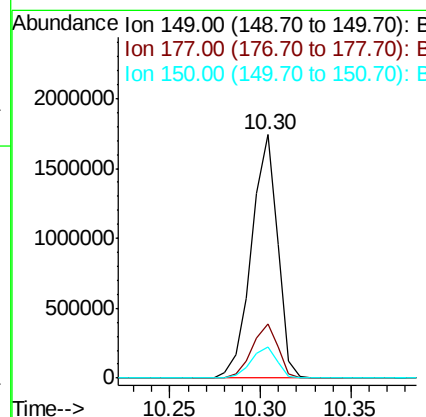
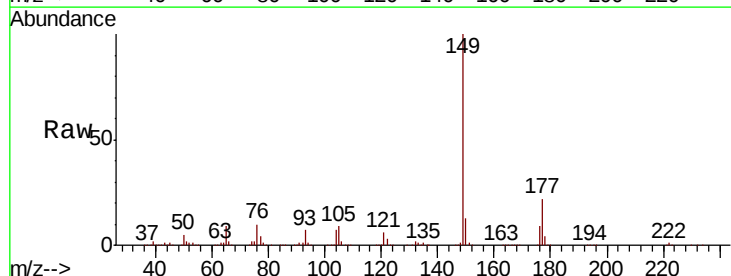
Manual Integrations
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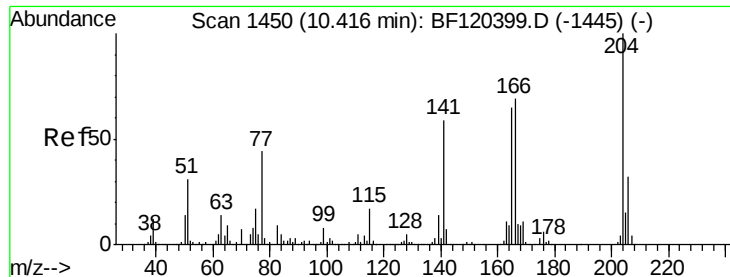
mohammad
5/29/2020 10:27:47 PM



#60
Diethylphthalate
Concen: 58.175 ng
RT: 10.30 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.9	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 55.036 ng

RT: 10.42 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:204 Resp: 741738

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.8

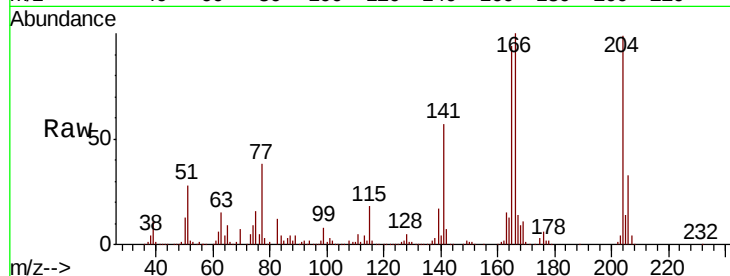
141 58.1 47.2 70.8

Manual Integrations

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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.42

800000

600000

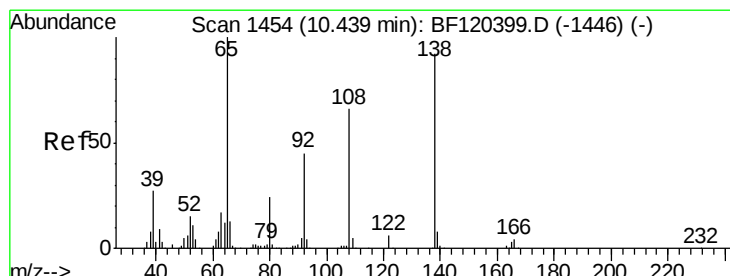
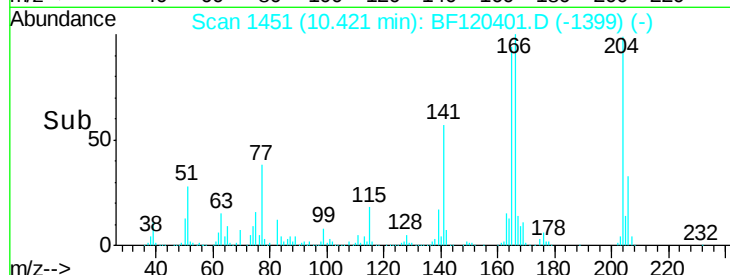
400000

200000

0

10.40 10.45

Time-->



#62

4-Nitroaniline

Concen: 58.177 ng

RT: 10.44 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

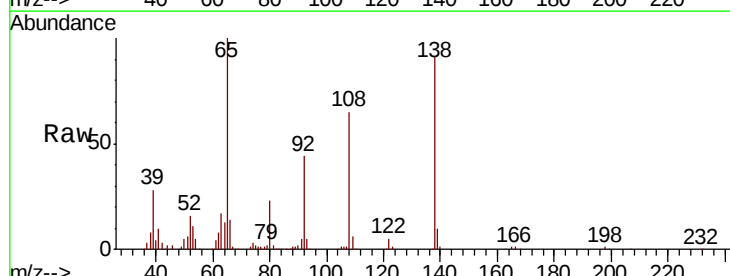
Tgt Ion:138 Resp: 447674

Ion Ratio Lower Upper

138 100

92 48.6 29.3 69.3

108 71.1 51.8 91.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

10.44

400000

300000

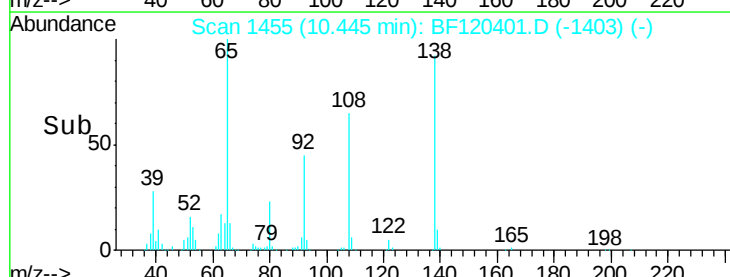
200000

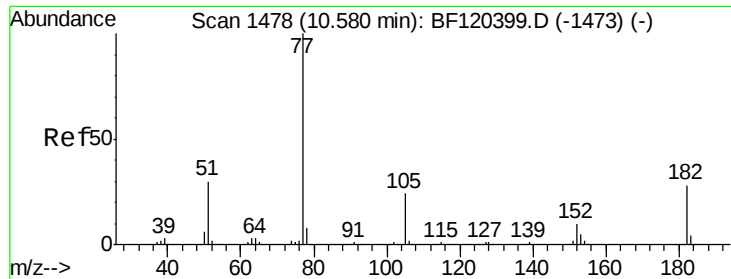
100000

0

10.40 10.50

Time-->





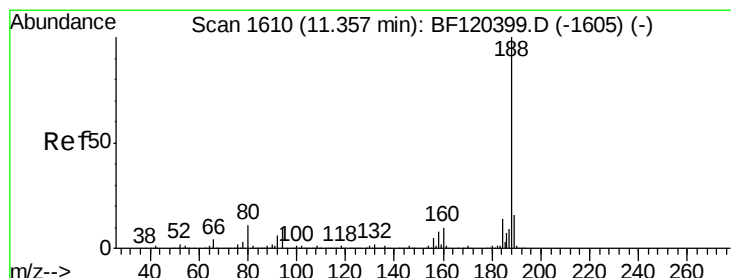
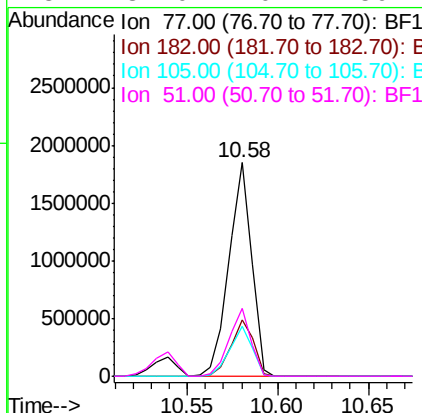
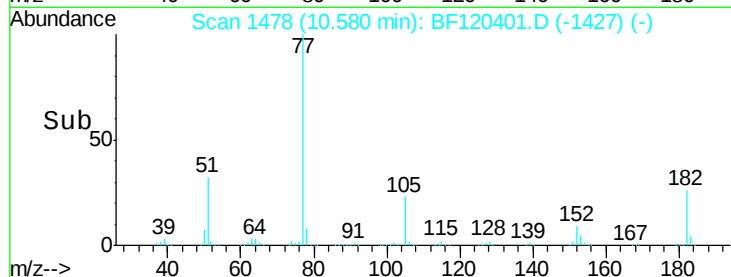
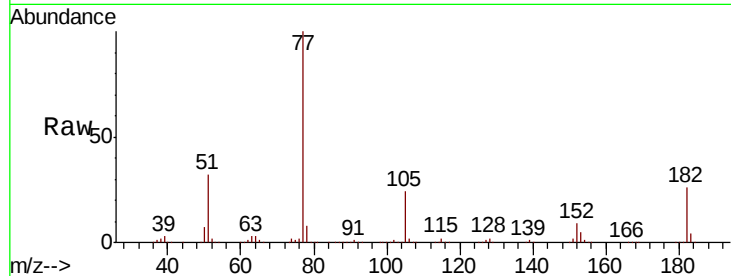
#63
Azobenzene
Concen: 57.243 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion: 77 Resp: 1621665
Ion Ratio Lower Upper
77 100
182 26.3 8.1 48.1
105 23.6 3.8 43.8
51 32.0 10.1 50.1

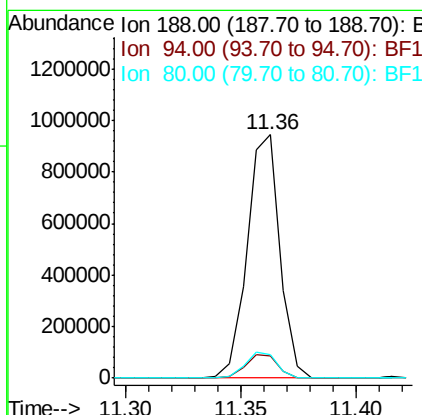
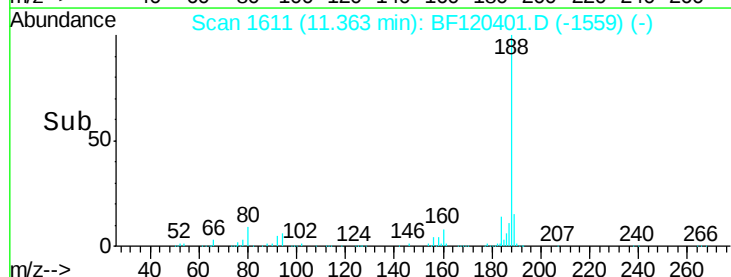
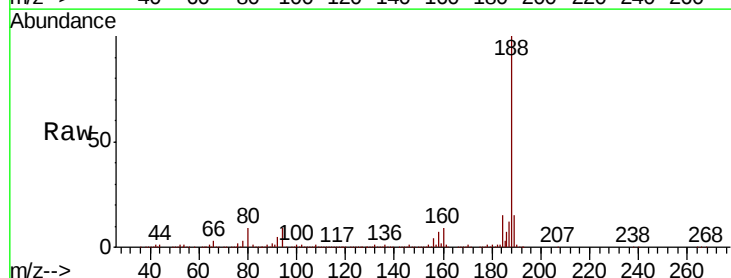
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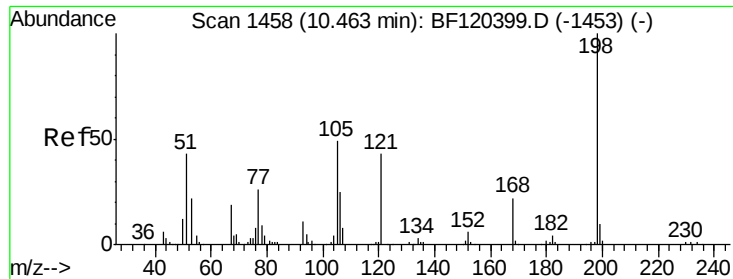
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion: 188 Resp: 929224
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.4 8.6 13.0





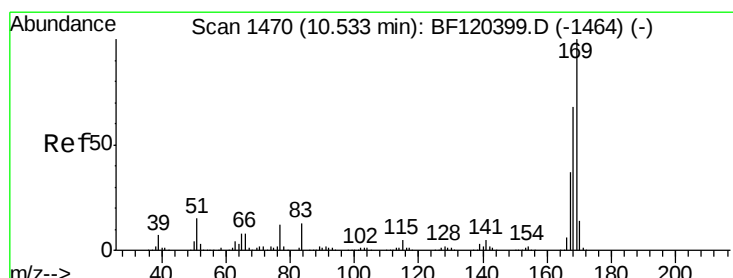
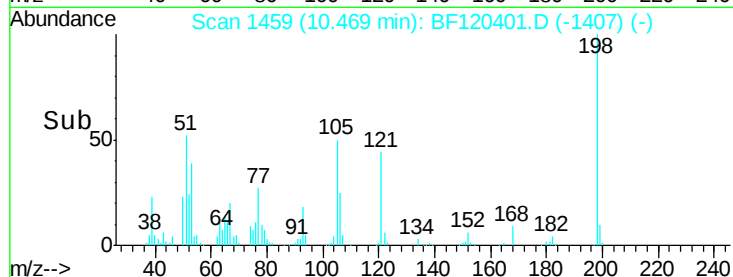
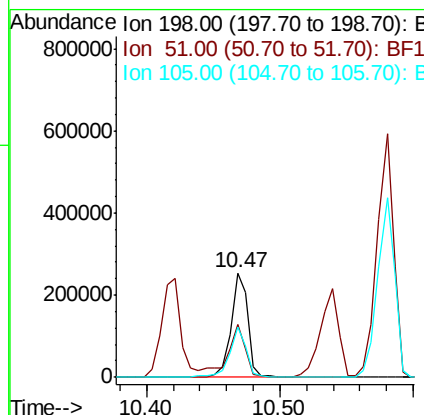
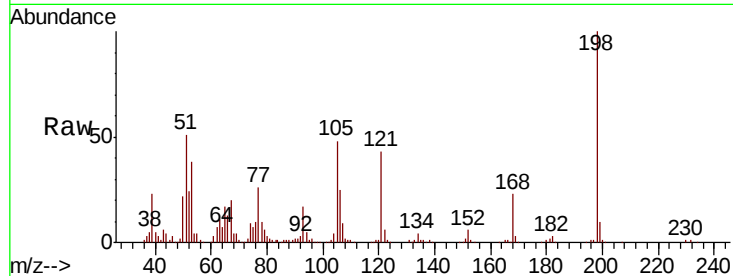
#65
4,6-Dinitro-2-methylphenol
Concen: 47.977 ng
RT: 10.47 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
198	100	225465		
51	50.8	34.1	74.1	
105	48.1	30.5	70.5	

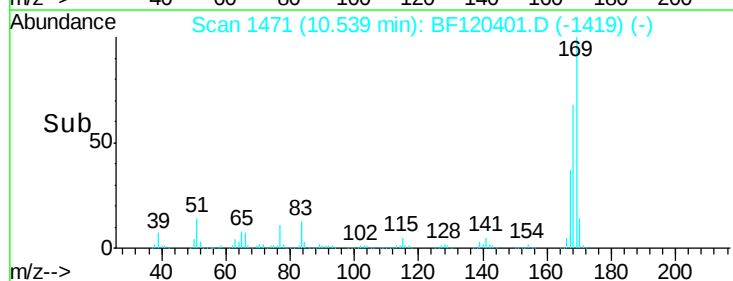
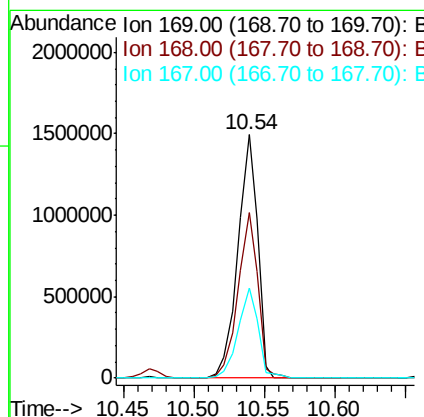
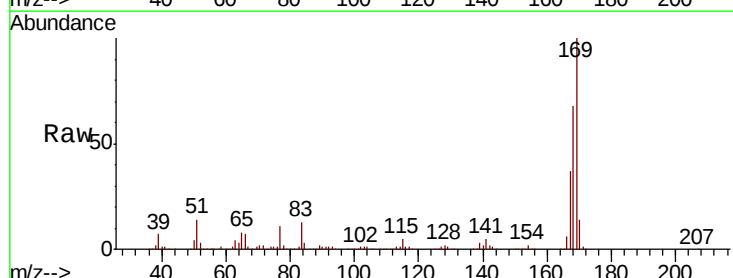
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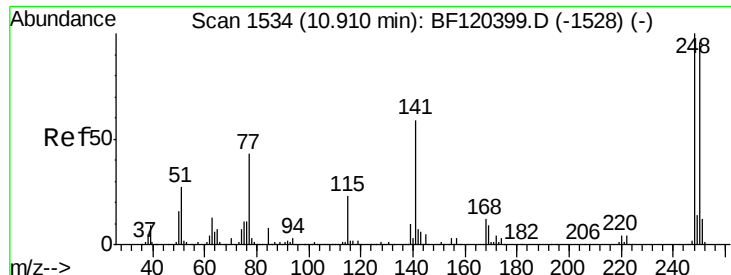
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#66
n-Nitrosodiphenylamine
Concen: 56.451 ng
RT: 10.54 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1451234		
168	67.8	54.2	81.2	
167	37.0	29.8	44.8	





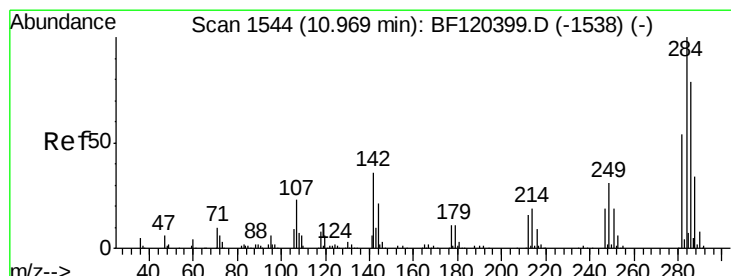
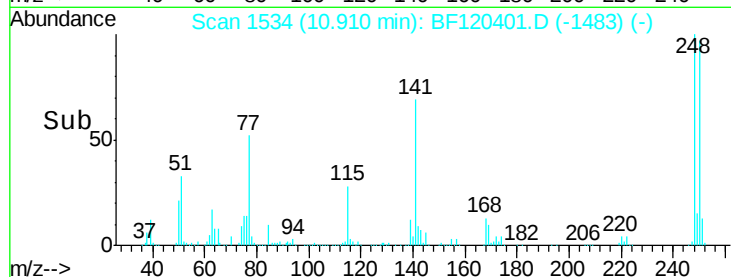
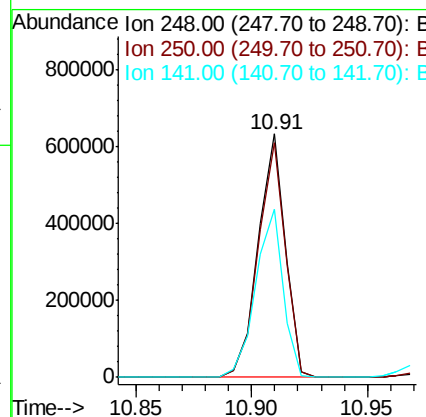
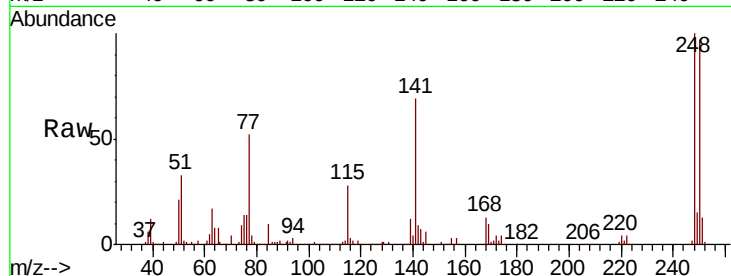
#67
 4-Bromophenyl-phenylether
 Concen: 58.204 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.5	114.7
141	69.2	47.2	70.8

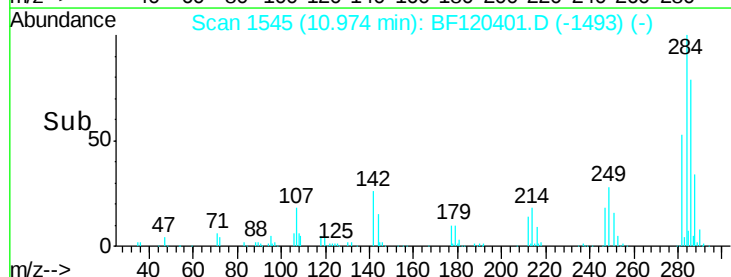
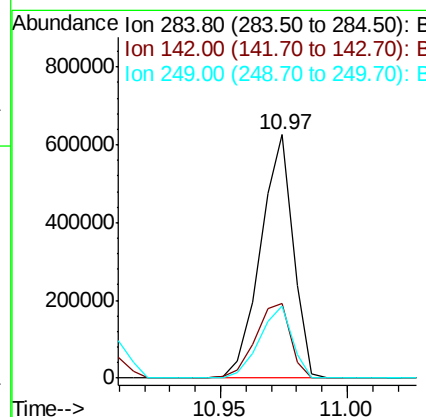
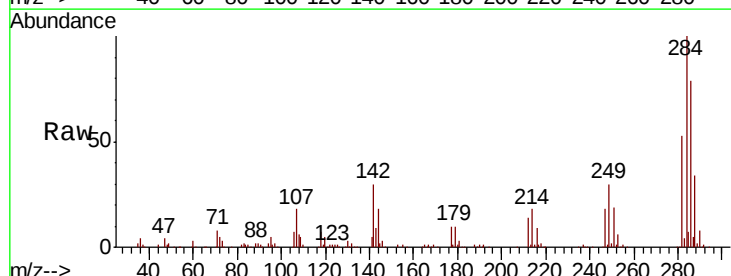
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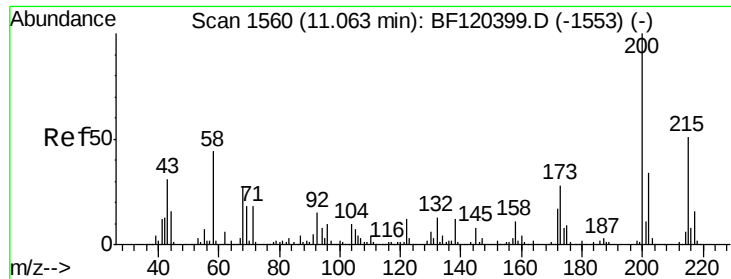
mohammad
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#68
 Hexachlorobenzene
 Concen: 59.486 ng
 RT: 10.97 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	28.5	42.7
249	29.6	25.0	37.6





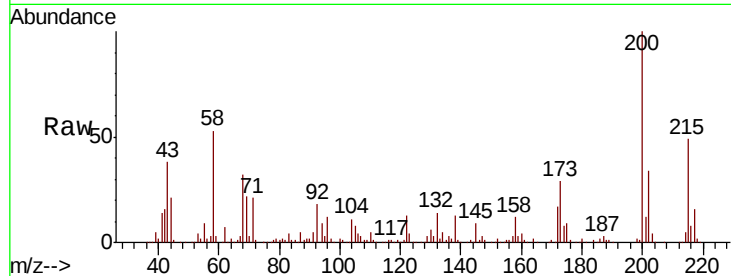
#69
Atrazine
Concen: 54.481 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
200	100	419090		
173	28.9	7.9	47.9	
215	49.1	31.2	71.2	

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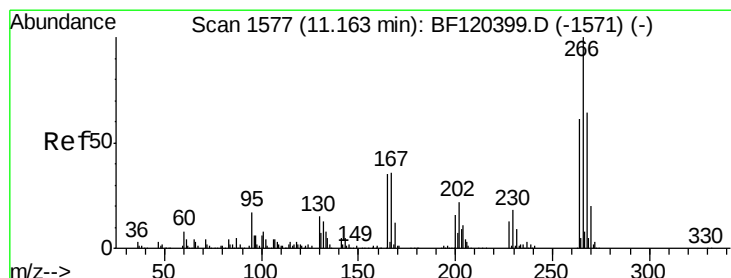
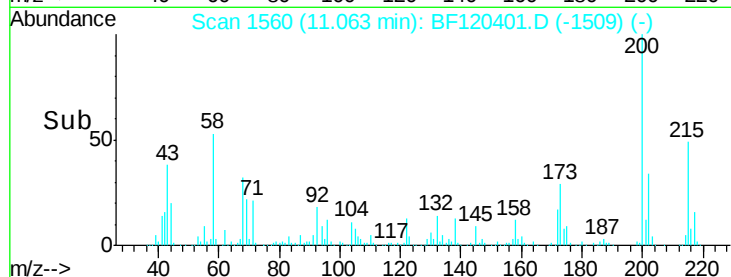
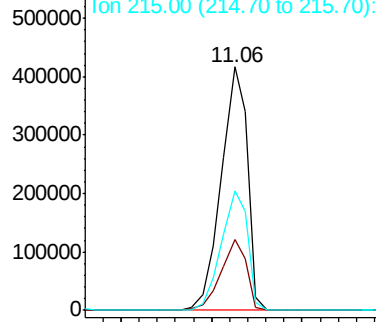


Abundance

Ion 200.00 (199.70 to 200.70): E

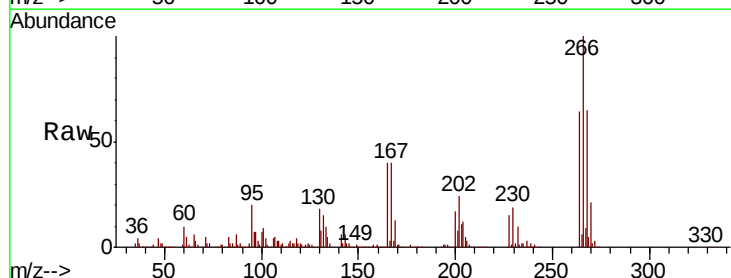
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.995 ng
RT: 11.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	365080		
268	64.7	51.5	77.3	
264	64.1	49.1	73.7	

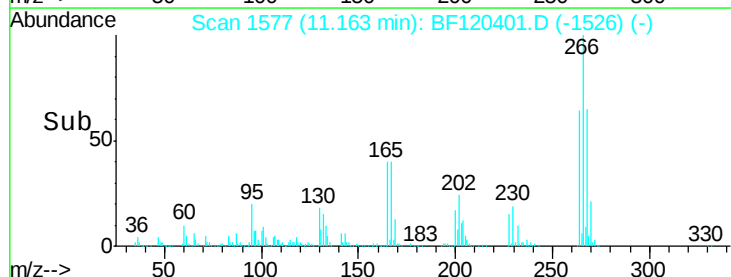
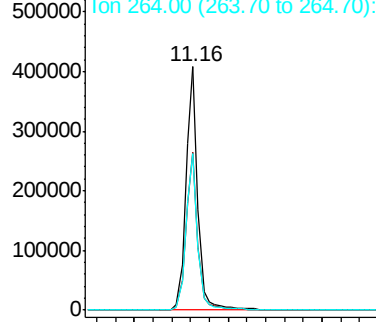


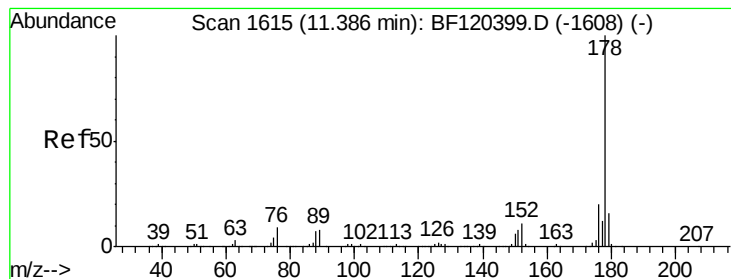
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 58.148 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:178 Resp: 2270466

Ion Ratio Lower Upper

178 100

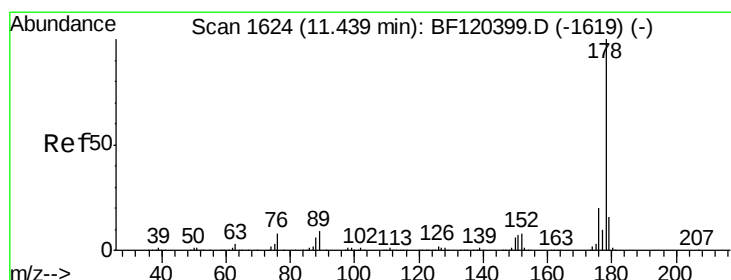
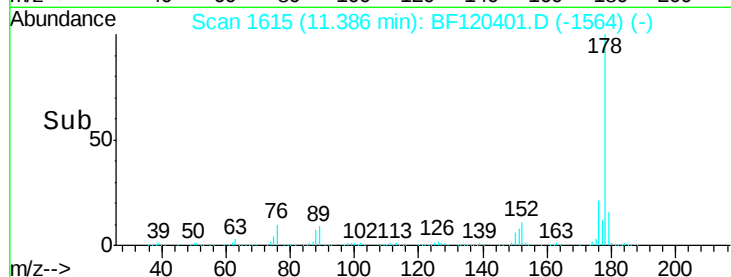
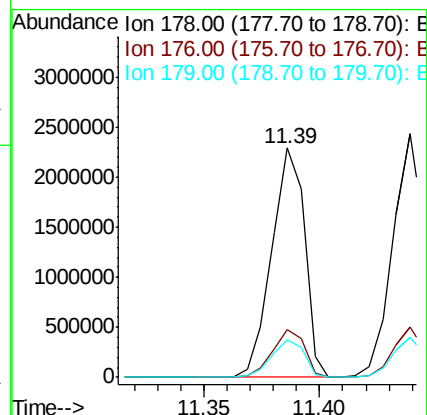
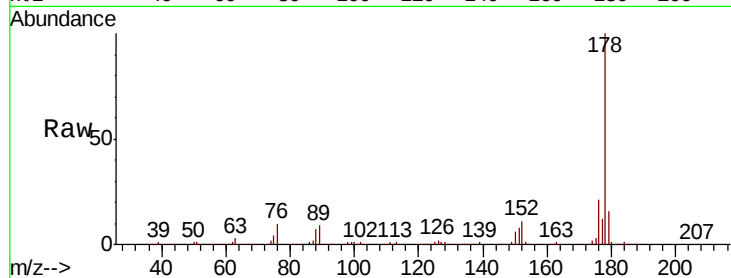
176 20.7 16.4 24.6

179 16.4 13.0 19.4

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#72

Anthracene

Concen: 54.390 ng

RT: 11.44 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

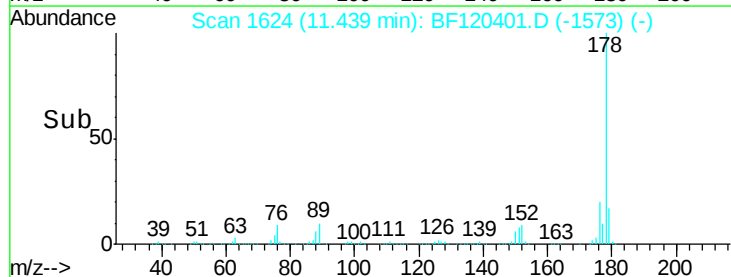
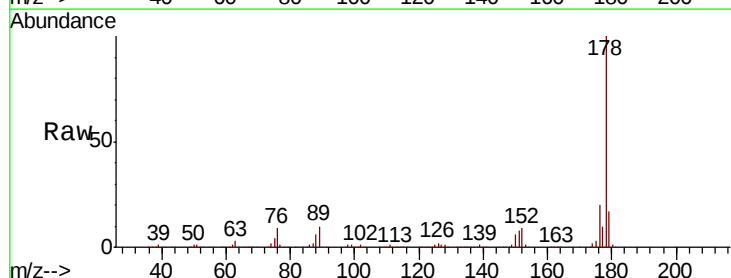
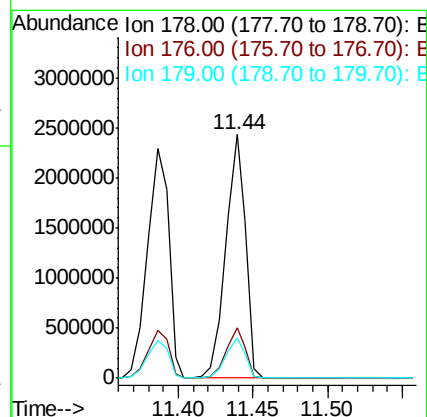
Tgt Ion:178 Resp: 2273508

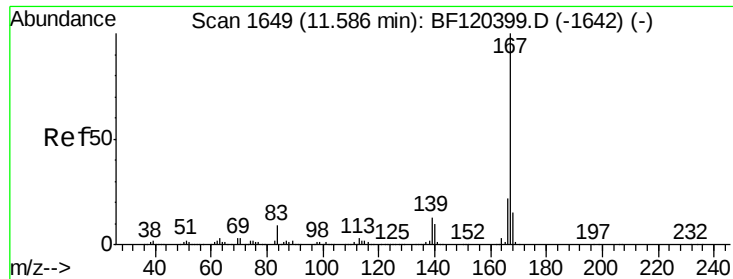
Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

179 16.7 12.8 19.2





#73

Carbazole

Concen: 56.649 ng

RT: 11.59 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:167 Resp: 2212487

Ion Ratio Lower Upper

167 100

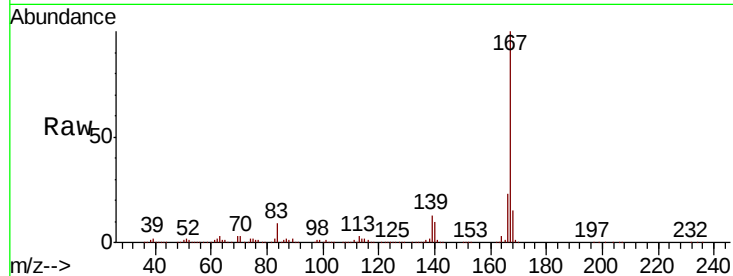
166 23.1 17.8 26.6

139 13.4 10.4 15.6

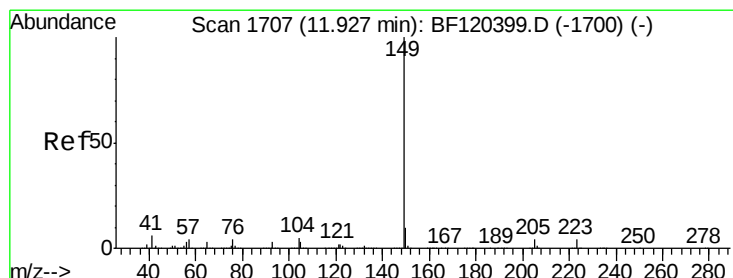
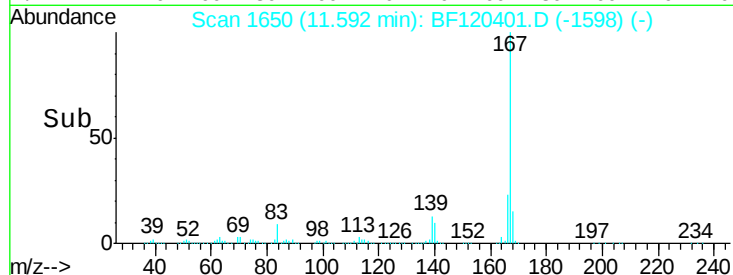
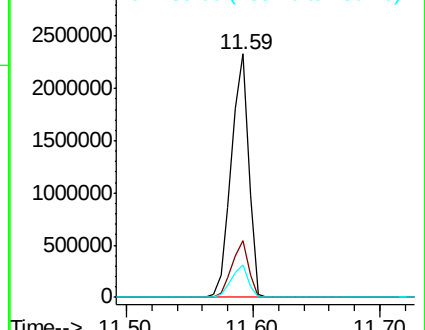
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 54.263 ng

RT: 11.93 min Scan# 1707

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

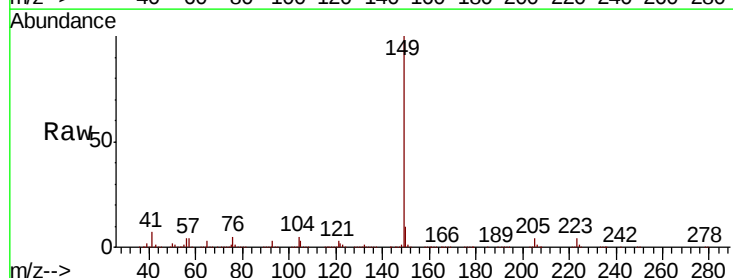
Tgt Ion:149 Resp: 2554185

Ion Ratio Lower Upper

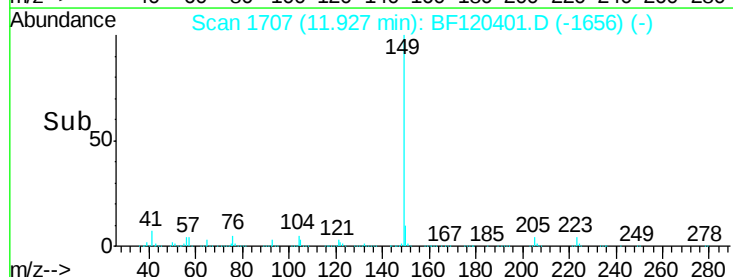
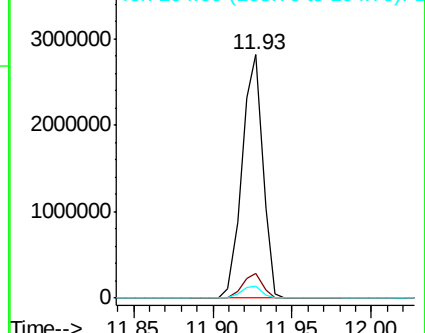
149 100

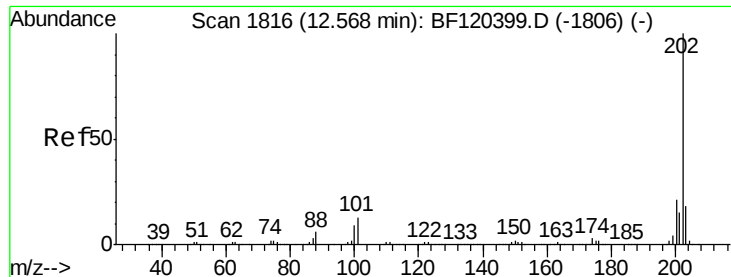
150 10.2 7.7 11.5

104 5.1 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 58.484 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

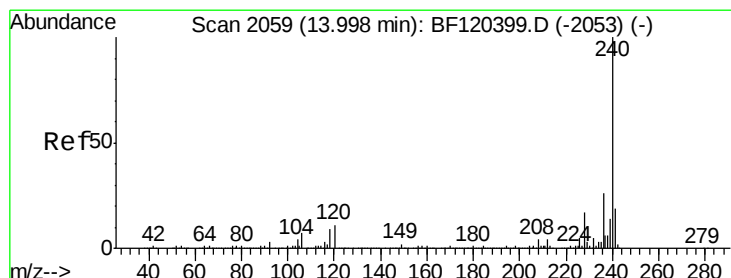
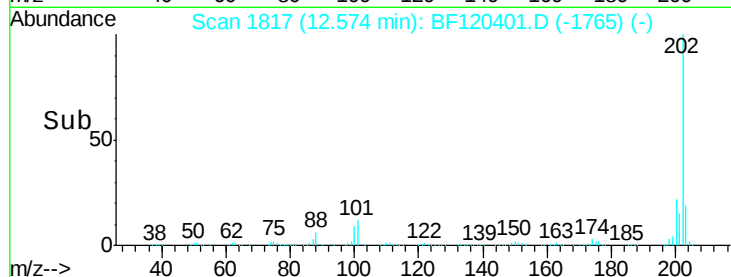
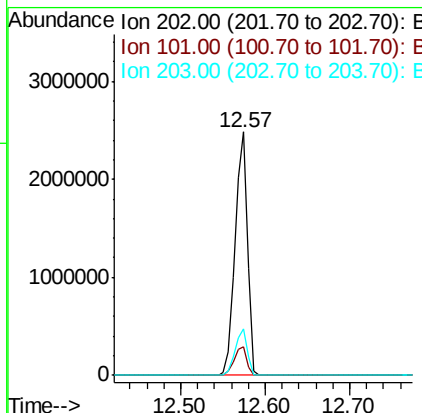
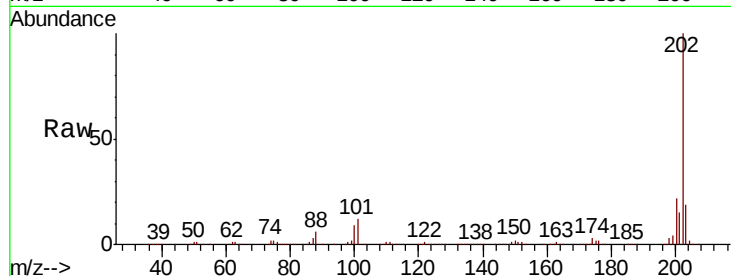
ClientSampleId :

SSTDICC060

Tot Ion:	202	Resp:	2447587
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.6
203	18.9	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

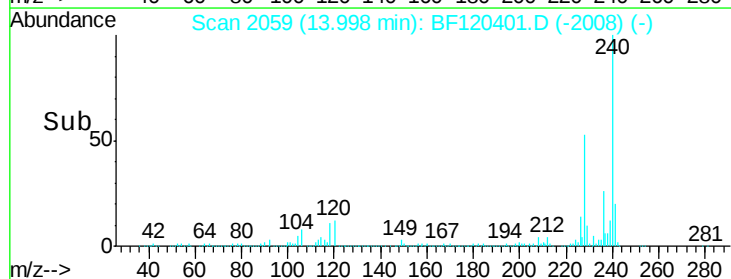
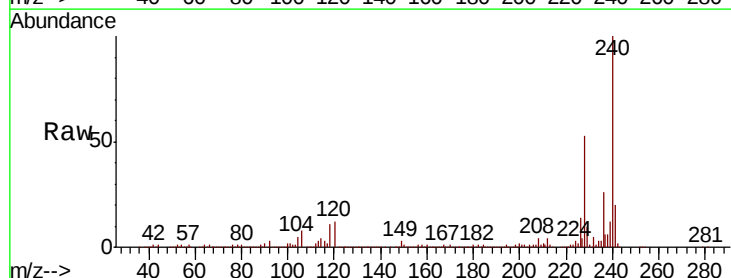
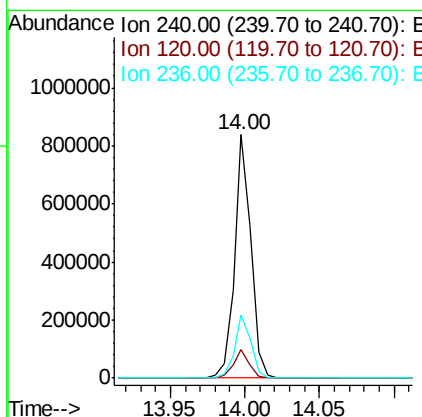
RT: 14.00 min Scan# 2059

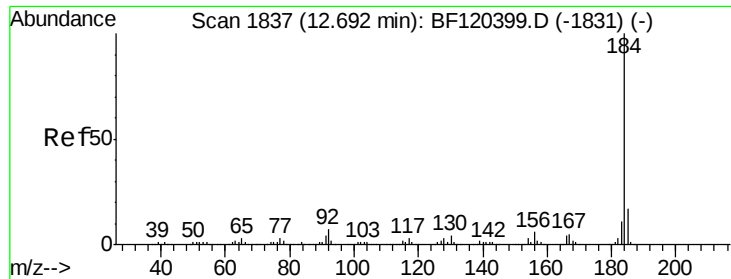
Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Tgt Ion:	240	Resp:	647875
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.8	13.2
236	25.8	21.0	31.4





#77

Benzidine

Concen: 50.721 ng

RT: 12.69 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

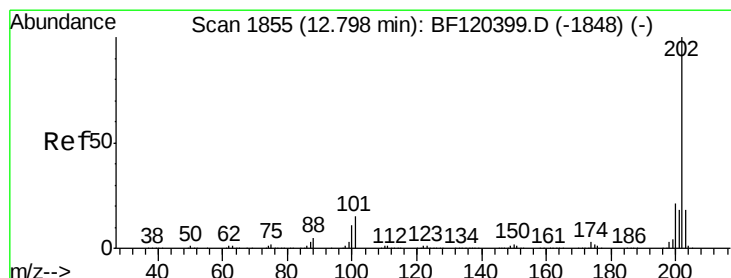
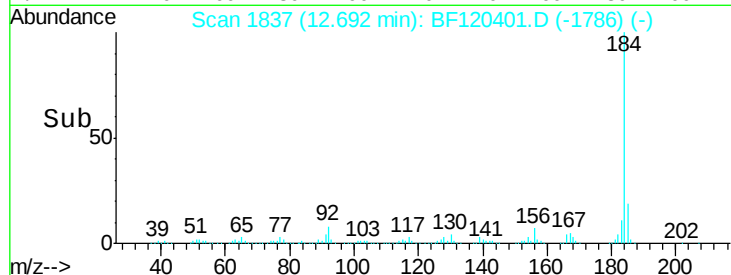
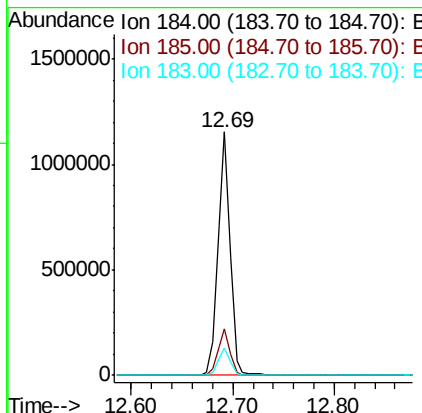
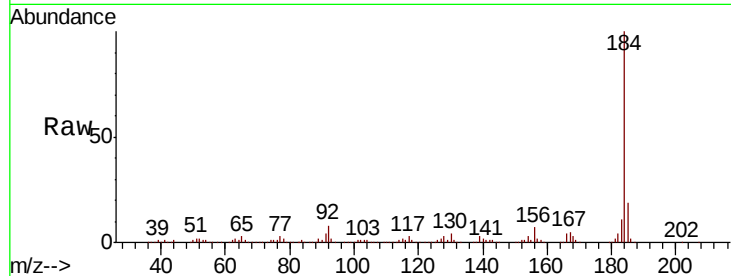
ClientSampleId :

SSTDIC060

Tot Ion:	184	Resp:	959586
Ion Ratio	Lower	Upper	
184	100		
185	18.9	13.4	20.0
183	11.2	8.6	12.8

Manual Integrations
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#78

Pyrene

Concen: 54.383 ng

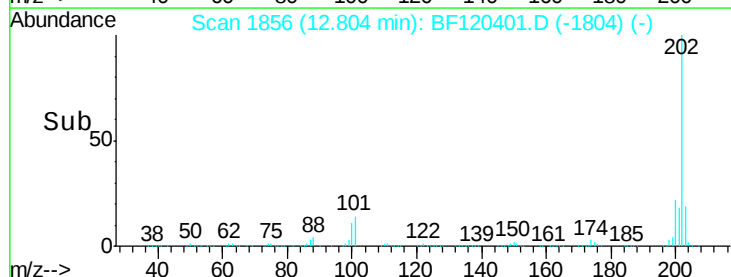
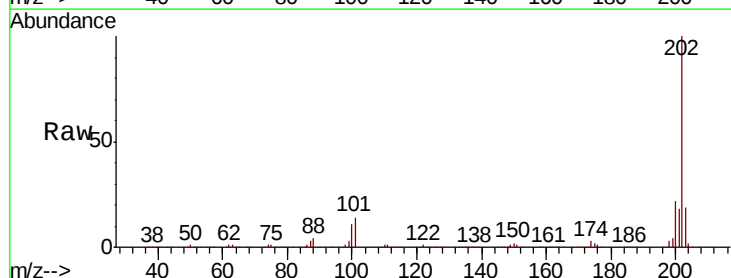
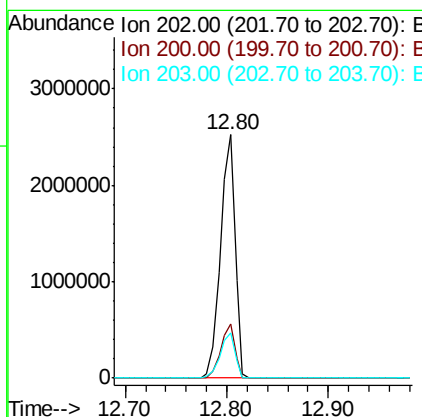
RT: 12.80 min Scan# 1856

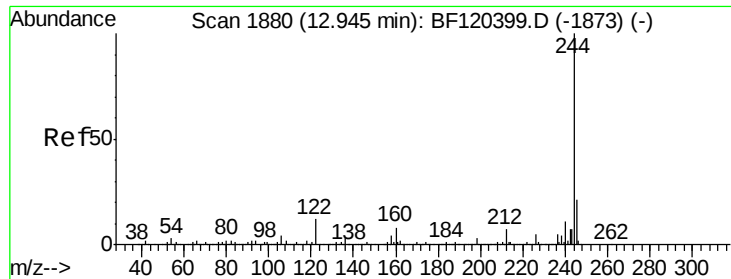
Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Tgt Ion:	202	Resp:	2511787
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.0	25.4
203	18.6	14.7	22.1





#79
 Terphenyl-d14
 Concen: 104.589 ng
 RT: 12.95 min Scan# 1881
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

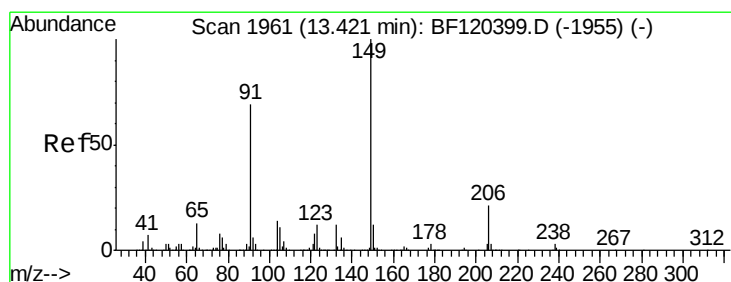
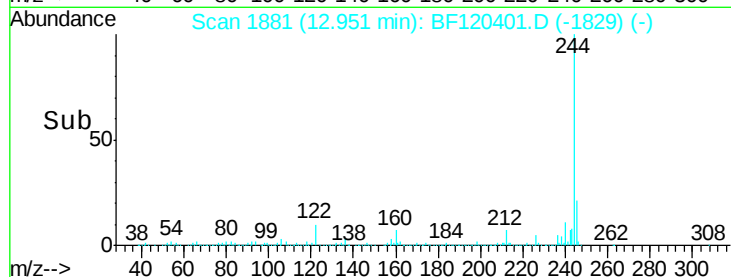
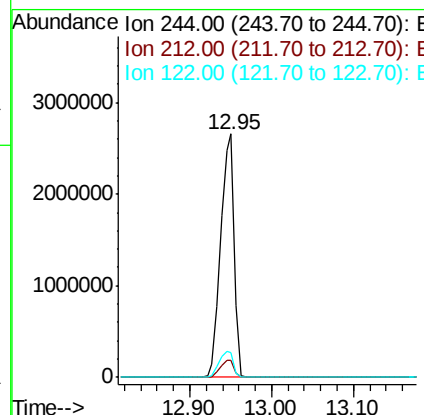
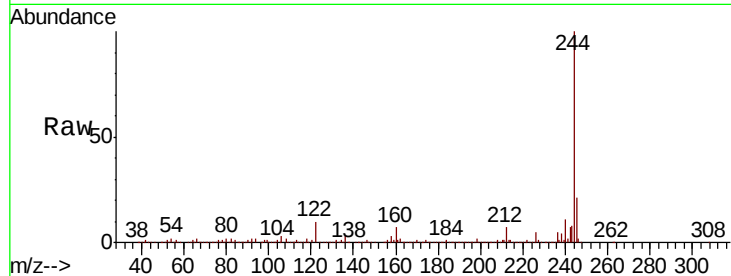
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:244 Resp: 3067182

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.2	9.2	13.8

Manual Integrations
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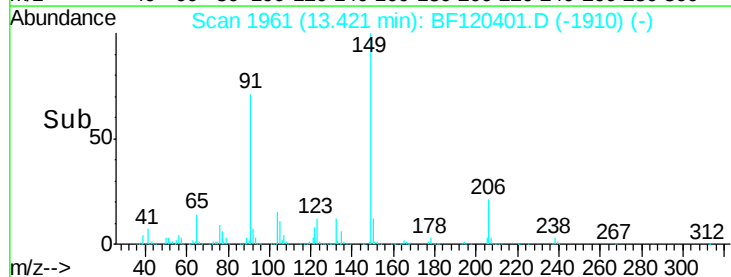
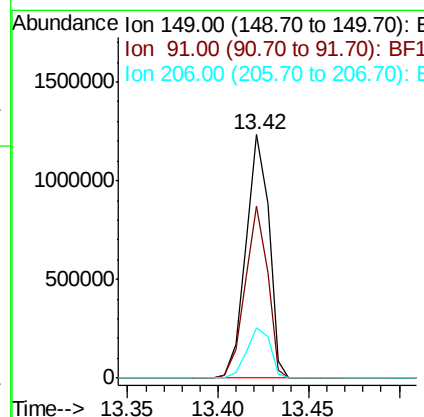
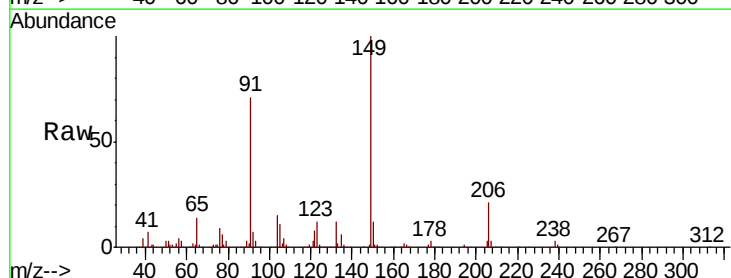
mohammad
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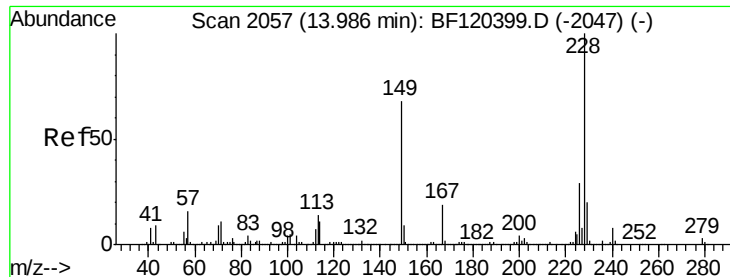


#80
 Butylbenzylphthalate
 Concen: 50.018 ng
 RT: 13.42 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion:149 Resp: 1087831

Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.0	82.4
206	20.7	17.0	25.4





#81

Benzo(a)anthracene

Concen: 55.296 ng

RT: 13.99 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

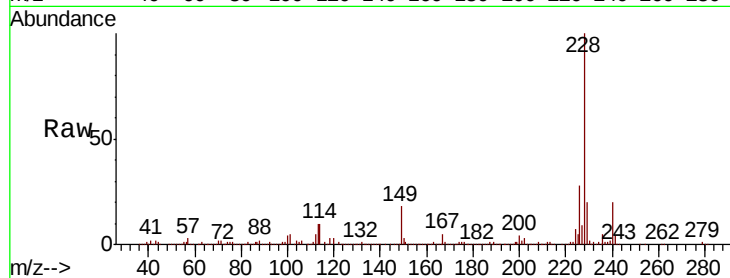
ClientSampleId :

SSTDICC060

Tot Ion:	228	Resp:	1889533
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.3	16.2	24.4

Manual Integrations
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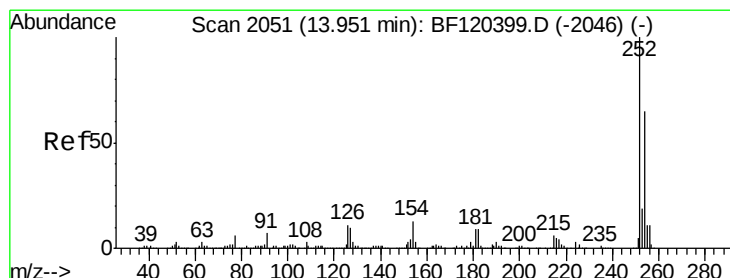
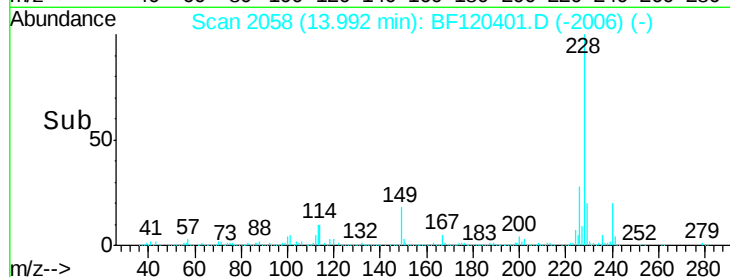
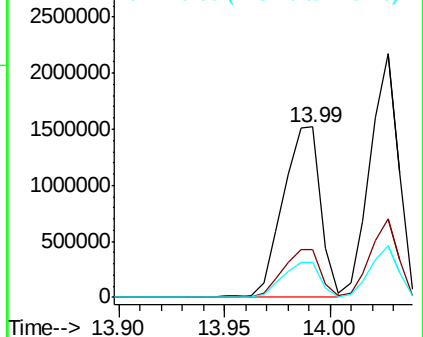


Abundance

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: 56.057 ng

RT: 13.95 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

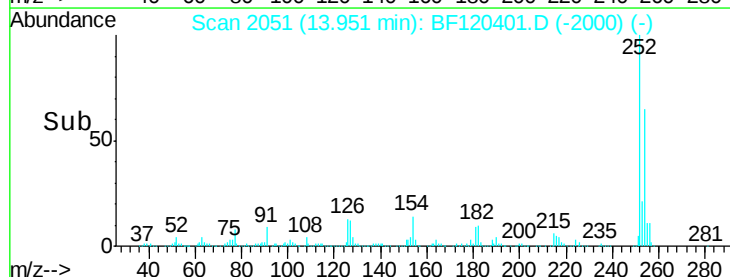
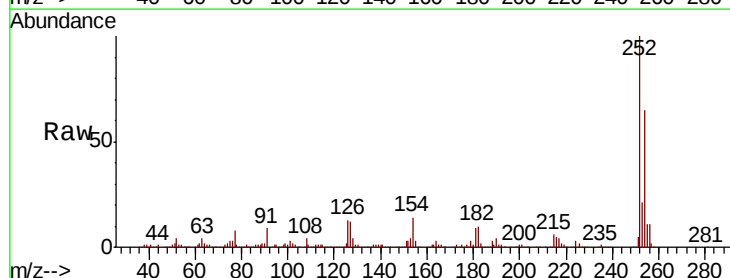
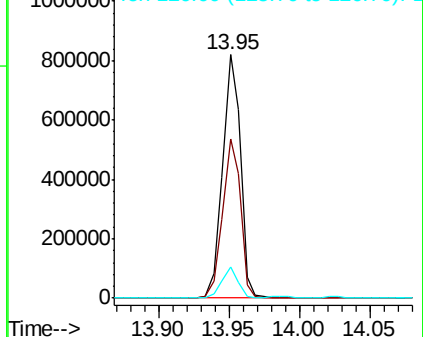
Tgt Ion:	252	Resp:	721866
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	12.7	8.5	12.7

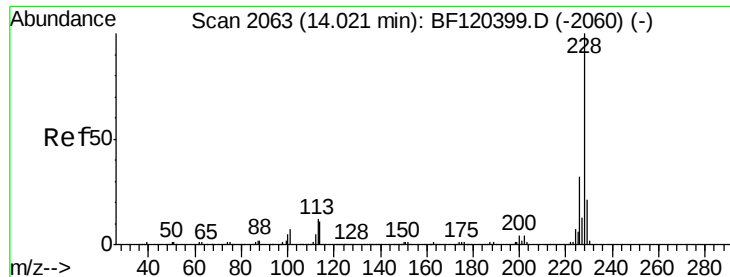
Abundance

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





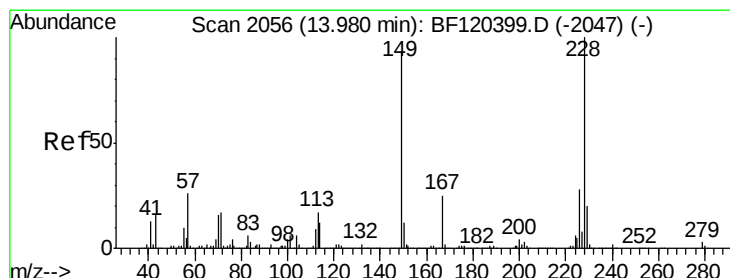
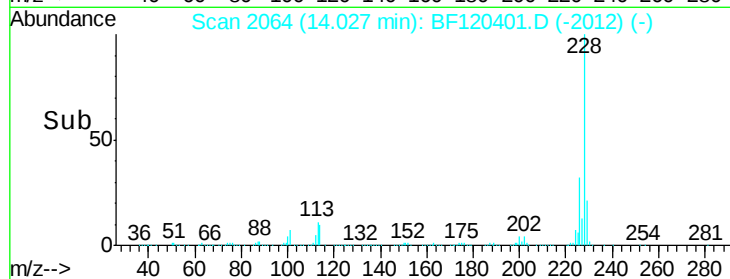
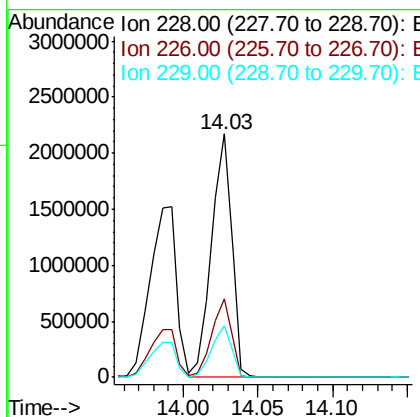
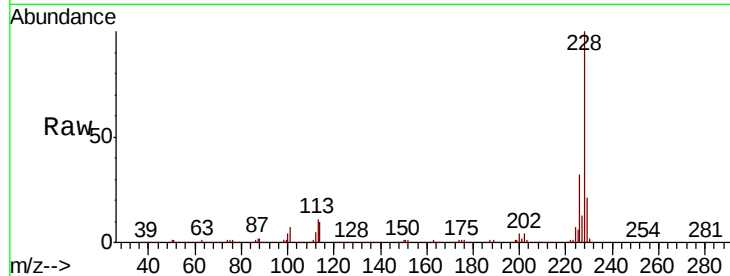
#83
 Chrvsene
 Concen: 55.640 ng
 RT: 14.03 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.6	38.4
229	21.0	16.6	25.0

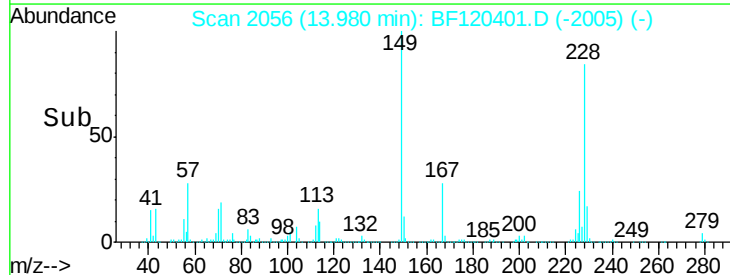
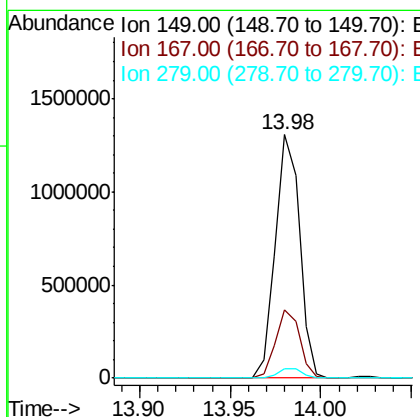
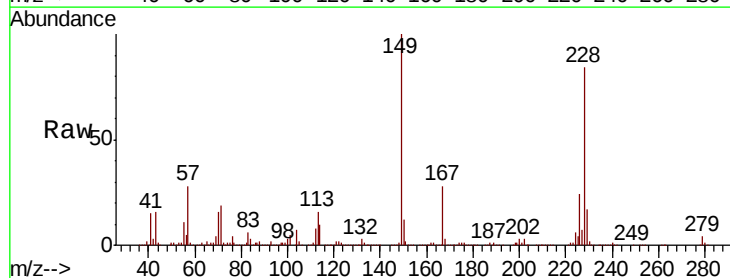
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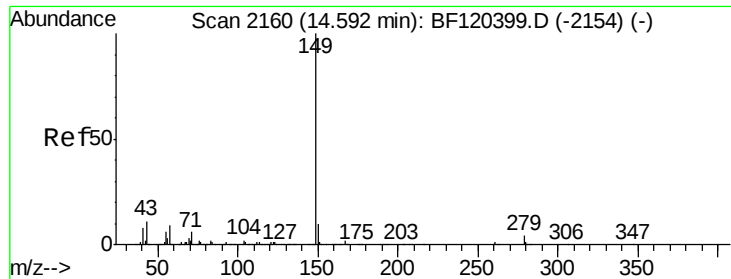
mohammad
 5/29/2020 10:27:47 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.150 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.7	32.5
279	3.9	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 45.758 ng

RT: 14.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 2227443

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

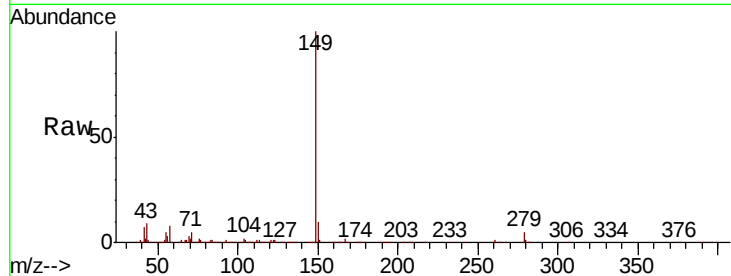
43 10.3 8.1 12.1

Manual Integrations

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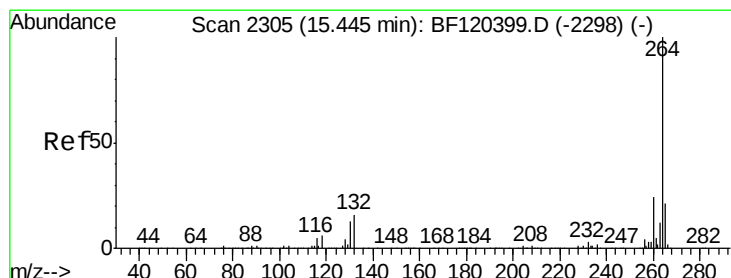
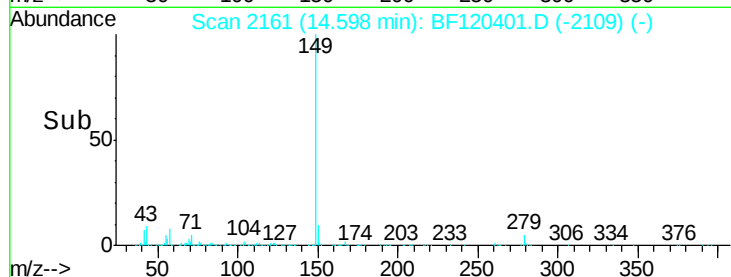
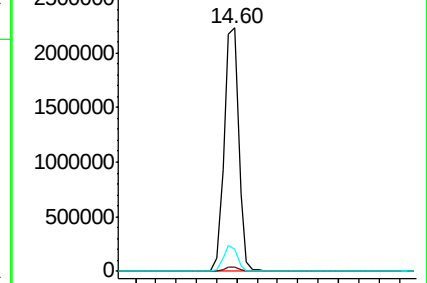
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

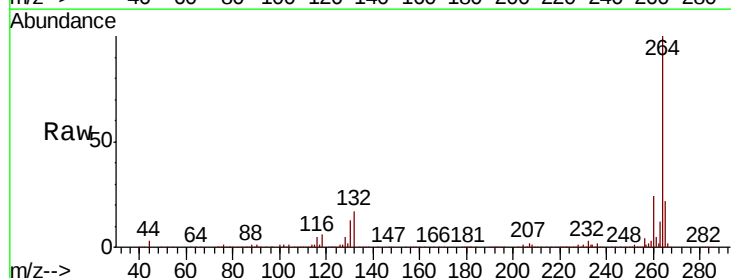
Tgt Ion:264 Resp: 598260

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

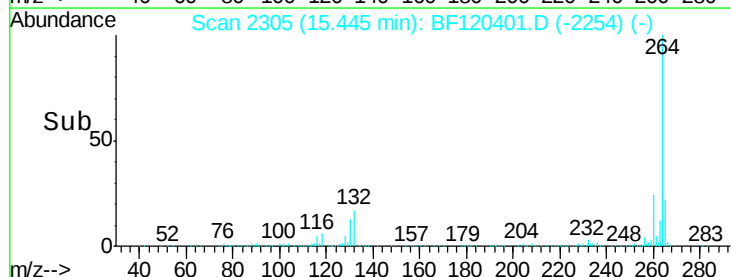
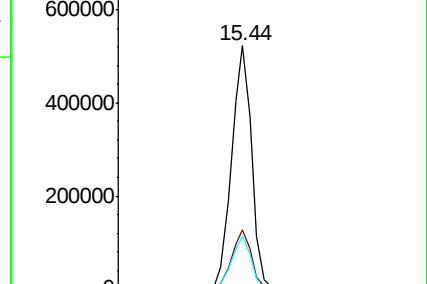
265 21.9 16.9 25.3

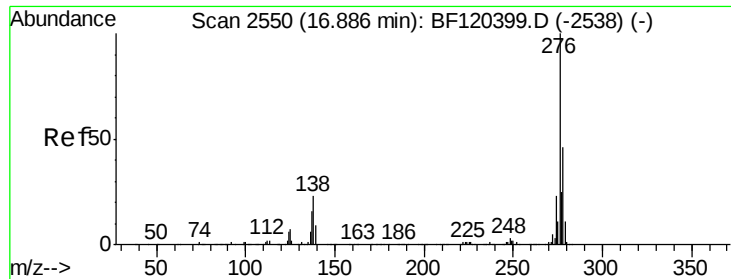


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





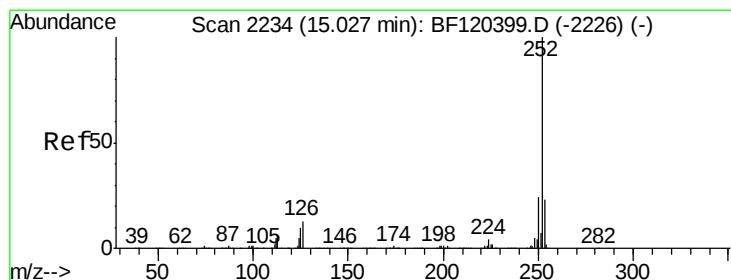
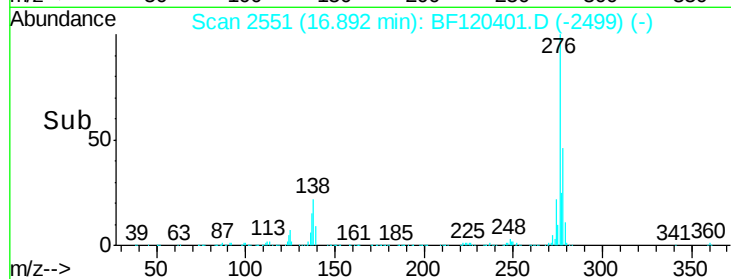
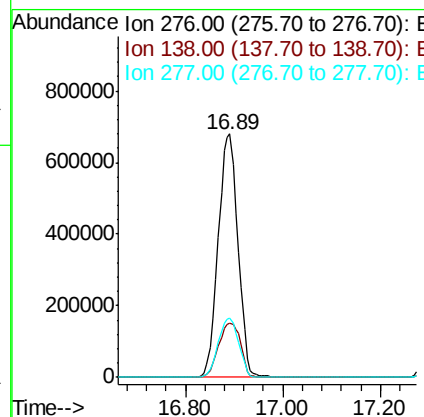
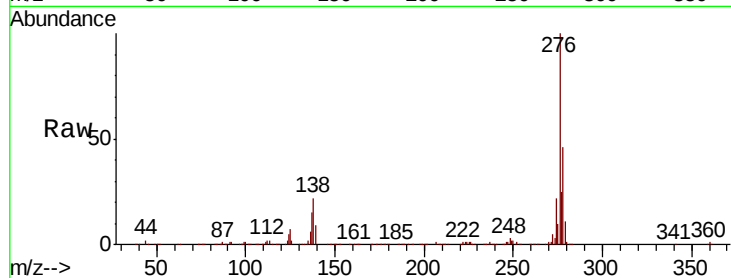
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.963 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.4	30.6
277	25.4	20.4	30.6

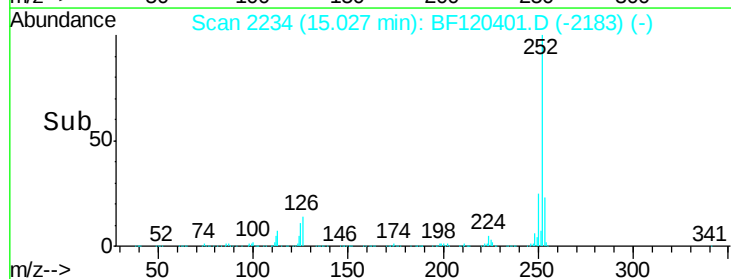
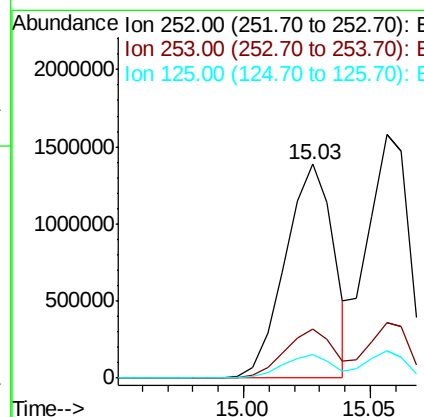
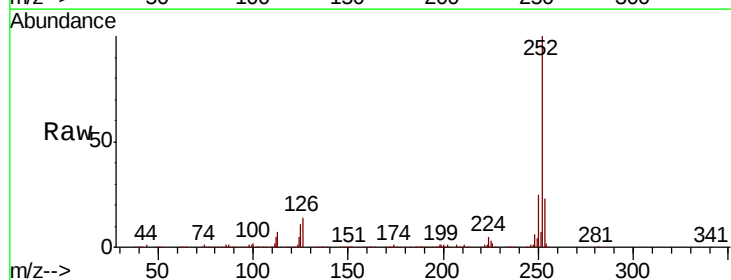
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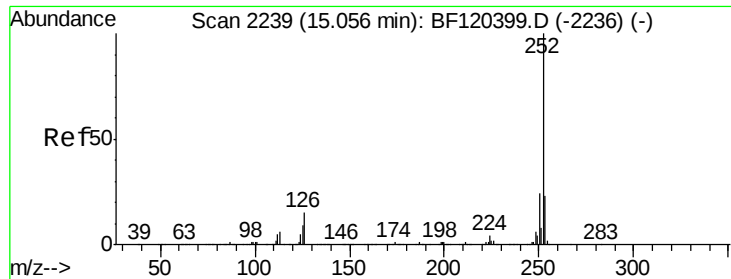
mohammad
 5/29/2020 10:27:47 PM



#88
 Benzo(b)fluoranthene
 Concen: 56.493 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF120401.D
 Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.9	7.8	11.8





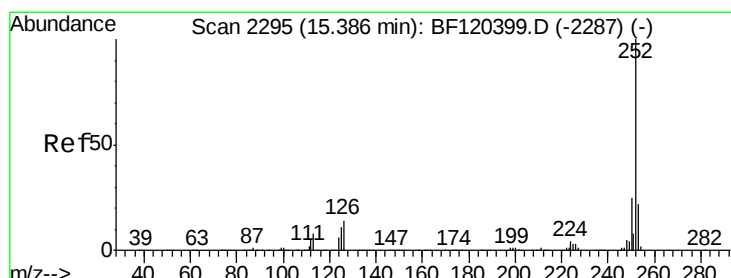
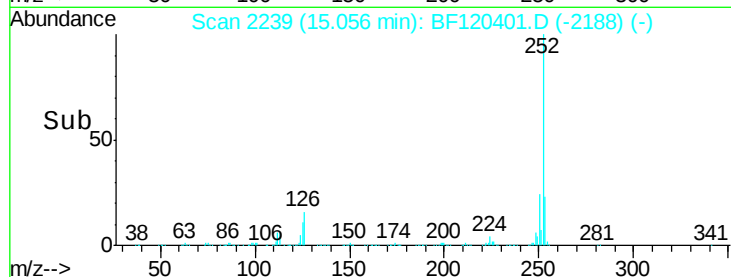
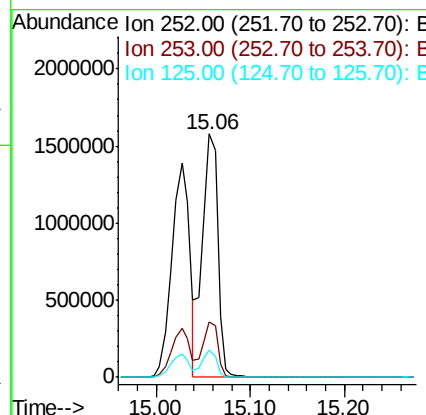
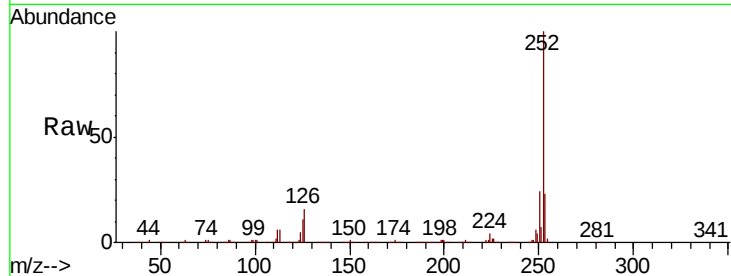
#89
Benzo(k)fluoranthene
Concen: 63.748 ng
RT: 15.06 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	11.0	8.0	12.0

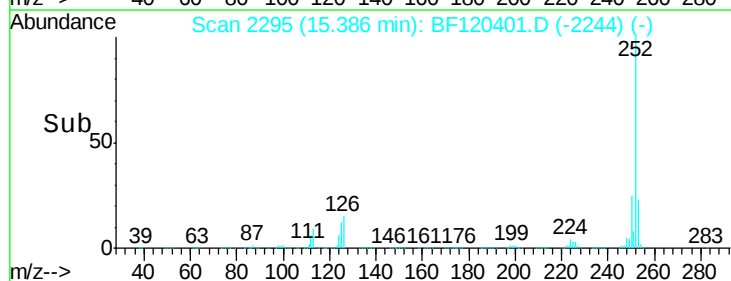
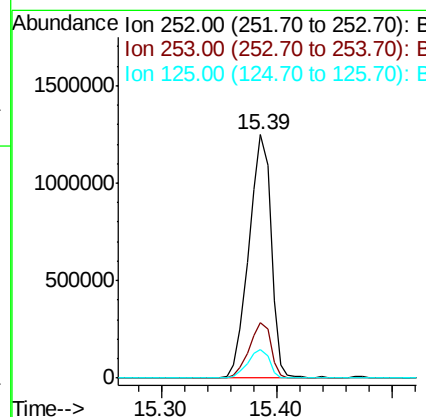
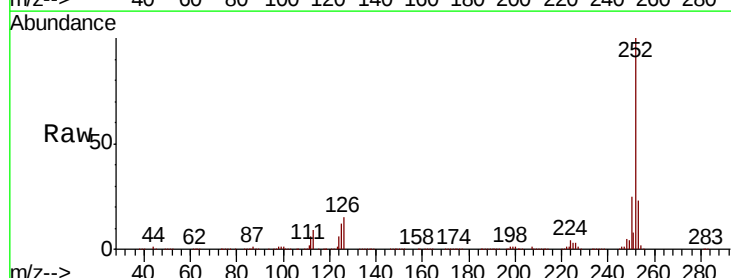
Manual Integrations
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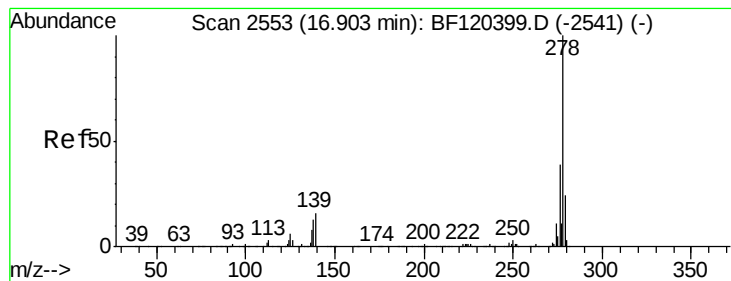
mohammad
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#90
Benzo(a)pyrene
Concen: 57.360 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BF120401.D
Acq: 28 May 2020 11:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	12.0	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 59.112 ng

RT: 16.91 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:278 Resp: 1534437

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

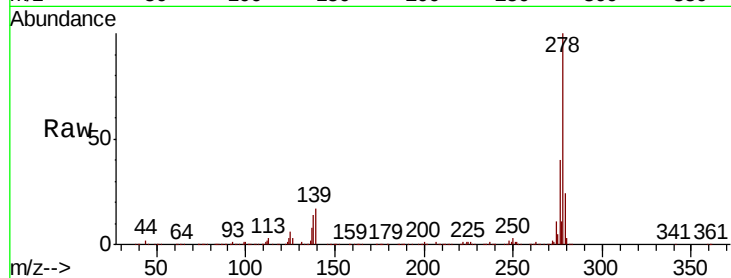
279 24.3 19.0 28.4

Manual Integrations

APPROVED

mohammad

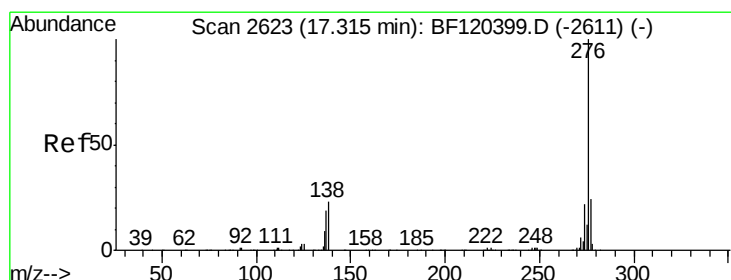
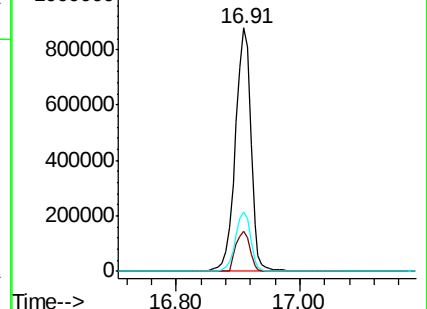
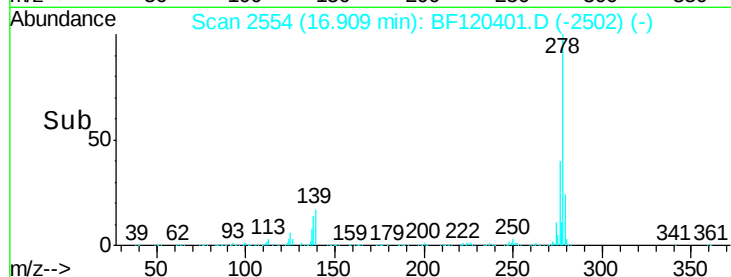
5/29/2020 10:27:47 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.671 ng

RT: 17.33 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF120401.D

Acq: 28 May 2020 11:51

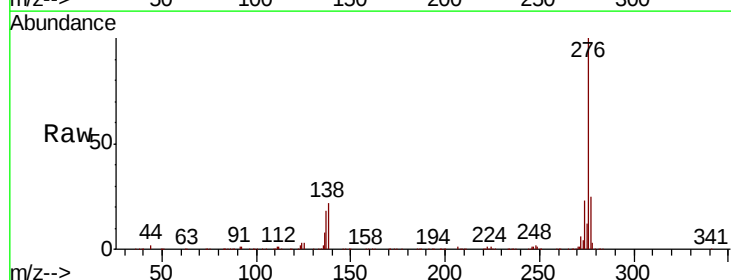
Tgt Ion:276 Resp: 1535793

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 21.9 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

