

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120965.D
 Acq On : 22 Jul 2020 15:22
 Operator : JU/CG
 Sample : PB130393BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Manual Integrations
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 7/24/2020 12:10:40 PM

Quant Time: Jul 22 17:19:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	151122	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	575228	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	300361	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	564348	20.00	ng	0.00
76) Chrysene-d12	13.97	240	450637	20.00	ng	0.00
86) Perylene-d12	15.42	264	451719	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	996546	108.10	ng	0.01
7) Phenol-d6	6.45	99	1205101	101.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	754866	75.93	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	357354	108.69	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1383889	68.79	ng	0.00
79) Terphenyl-d14	12.92	244	1452526	70.07	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.59	88	141913	33.450	ng	100
3) Pyridine	3.33	79	349162	30.937	ng	98
4) n-Nitrosodimethylamine	3.28	42	183054	37.930	ng	95
6) Aniline	6.47	93	568841	36.596	ng	100
8) 2-Chlorophenol	6.60	128	416359	40.999	ng	99
9) Benzaldehyde	6.36	77	308237	61.562	ng	100
10) Phenol	6.46	94	505910	38.622	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	394715	39.319	ng	99
12) 1,3-Dichlorobenzene	6.76	146	424576	38.556	ng	98
13) 1,4-Dichlorobenzene	6.83	146	427929	39.081	ng	98
14) 1,2-Dichlorobenzene	6.99	146	412273	39.799	ng	98
15) Benzyl Alcohol	6.96	79	322796	38.332	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	552515	38.185	ng	99
17) 2-Methylphenol	7.07	107	324542	36.057	ng	98
18) Hexachloroethane	7.33	117	160980	40.619	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	255133	37.679	ng	97
20) 3+4-Methylphenols	7.22	107	371892	32.480	ng	# 90
22) Acetophenone	7.23	105	516750	40.028	ng	99
24) Nitrobenzene	7.40	77	417894	39.002	ng	98
25) Isophorone	7.64	82	760151	38.313	ng	100
26) 2-Nitrophenol	7.71	139	213615	41.978	ng	94
27) 2,4-Dimethylphenol	7.75	122	354409	42.896	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	487963	40.291	ng	100
29) 2,4-Dichlorophenol	7.96	162	342569	40.576	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	367791	39.265	ng	99
31) Naphthalene	8.12	128	1150002	38.975	ng	99
32) Benzoic acid	7.87	122	223579	36.049	ng	96
33) 4-Chloroaniline	8.17	127	435031	33.050	ng	98
34) Hexachlorobutadiene	8.24	225	212625	38.506	ng	99
35) Caprolactam	8.54	113	105577m	38.995	ng	
36) 4-Chloro-3-methylphenol	8.65	107	346390	40.005	ng	98
37) 2-Methylnaphthalene	8.81	142	773984	40.399	ng	99
38) 1-Methylnaphthalene	8.91	142	729260	40.190	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	343940	39.302	ng	98

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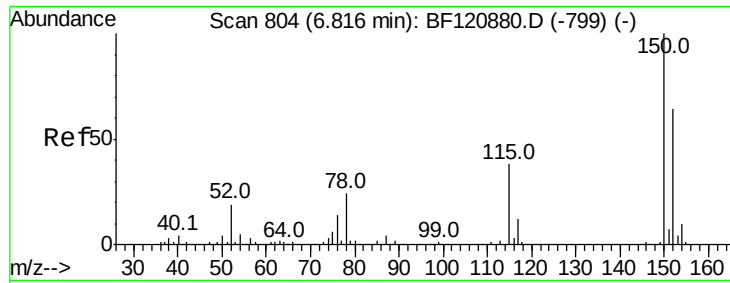
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	404021	83.534	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	244151	39.624	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	260199	37.228	nq	99
46) 1,1'-Biphenyl	9.27	154	933471	40.742	nq	99
47) 2-Chloronaphthalene	9.30	162	721027	38.599	nq	99
48) 2-Nitroaniline	9.39	65	220315	39.027	nq	99
49) Acenaphthylene	9.72	152	1150642	39.651	nq	100
50) Dimethylphthalate	9.57	163	859753	39.676	nq	98
51) 2,6-Dinitrotoluene	9.63	165	190042	40.822	nq	99
52) Acenaphthene	9.89	154	770044m	41.737	nq	
53) 3-Nitroaniline	9.80	138	171834	29.430	nq	99
54) 2,4-Dinitrophenol	9.91	184	175597	66.765	nq	89
55) Dibenzofuran	10.06	168	1024989	38.418	nq	100
56) 4-Nitrophenol	9.97	139	326165	73.539	nq	99
57) 2,4-Dinitrotoluene	10.04	165	253732	41.503	nq	99
58) Fluorene	10.40	166	738501	37.113	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	225533	42.381	nq	98
60) Diethylphthalate	10.27	149	863587	39.401	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	365470	34.434	nq	98
62) 4-Nitroaniline	10.42	138	210868	37.076	nq	98
63) Azobenzene	10.55	77	821876	39.388	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	119995	37.640	nq	96
66) n-Nitrosodiphenylamine	10.51	169	724408	40.804	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	249563	39.663	nq	96
68) Hexachlorobenzene	10.95	284	281459	41.352	nq	94
69) Atrazine	11.04	200	206205	46.900	nq	100
70) Pentachlorophenol	11.14	266	321147	82.361	nq	99
71) Phenanthrene	11.36	178	1139344	39.254	nq	100
72) Anthracene	11.41	178	1203068	41.279	nq	100
73) Carbazole	11.56	167	1113518	38.499	nq	99
74) Di-n-butylphthalate	11.90	149	1376753	41.248	nq	100
75) Fluoranthene	12.55	202	1294014	40.222	nq	99
77) Benzidine	12.67	184	923805	77.971	nq	99
78) Pyrene	12.77	202	1319296	41.409	nq	100
80) Butylbenzylphthalate	13.40	149	598052	42.108	nq	95
81) Benzo(a)anthracene	13.96	228	1074115	39.362	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	405229	39.361	nq	99
83) Chrysene	14.00	228	1154423	40.256	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	739918	42.248	nq	100
85) Di-n-octyl phthalate	14.57	149	1449280	41.594	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1177493	37.481	nq	99
88) Benzo(b)fluoranthene	15.00	252	1173844	42.990	nq	99
89) Benzo(k)fluoranthene	15.03	252	1063569	42.710	nq	99
90) Benzo(a)pyrene	15.36	252	1023073	41.068	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	997307	38.864	nq	98
92) Benzo(g,h,i)perylene	17.27	276	947757	37.457	nq	99

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



#1

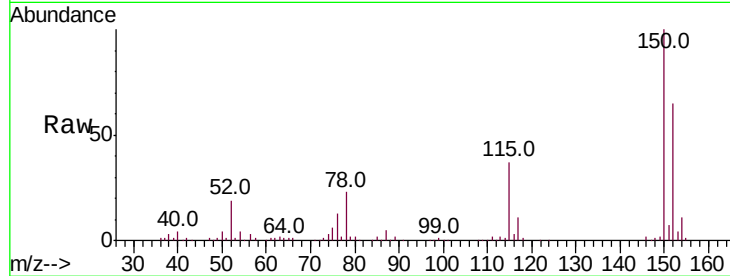
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

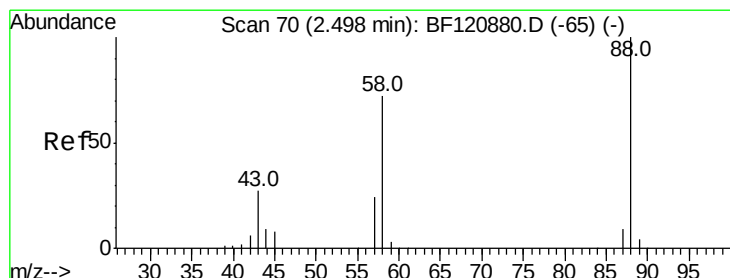
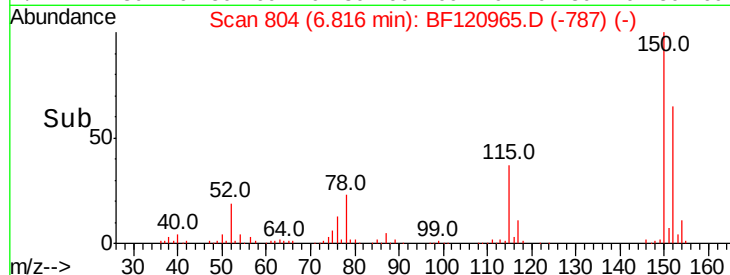
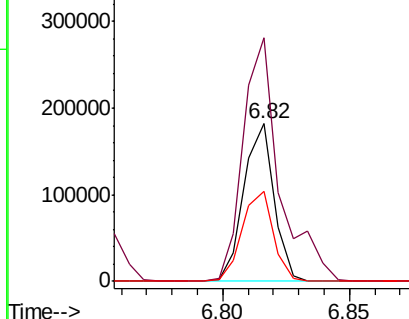
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.0	187.6
115	57.4	47.0	70.4

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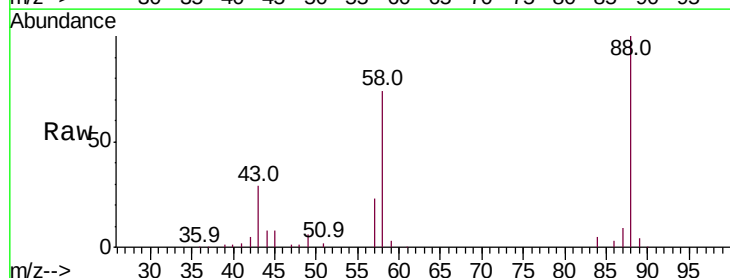
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



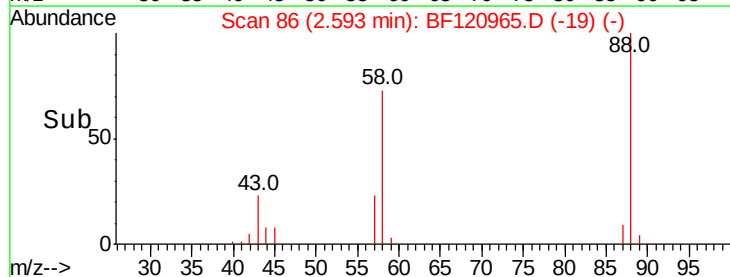
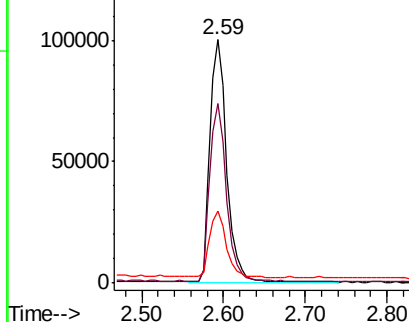
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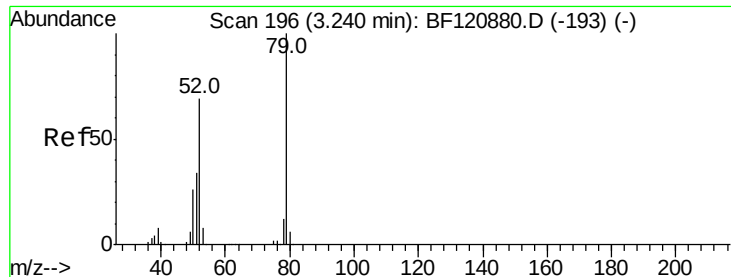
1,4-Dioxane
Concen: 33.450 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.09 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.2
43	27.0	22.1	33.1



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





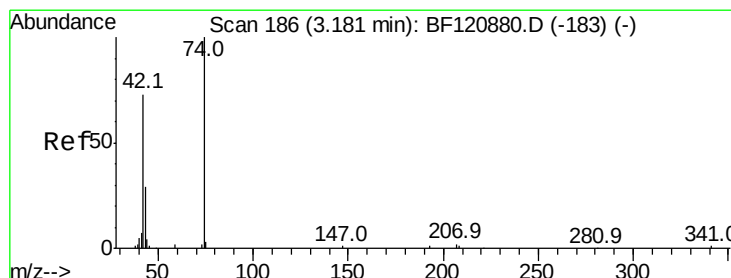
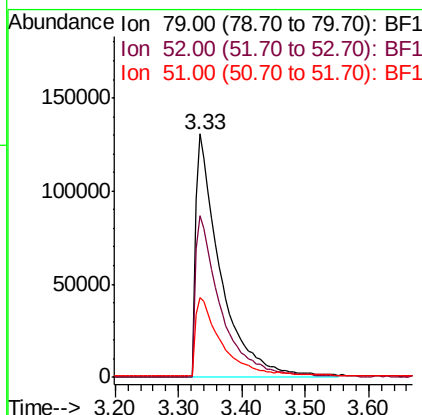
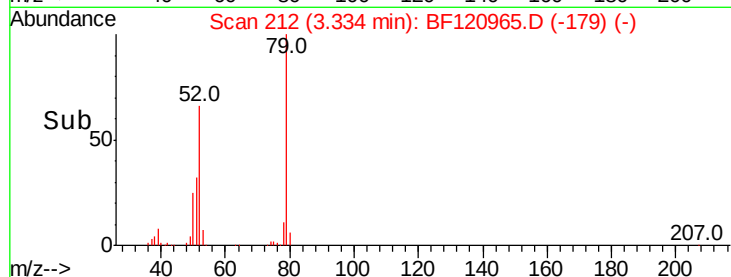
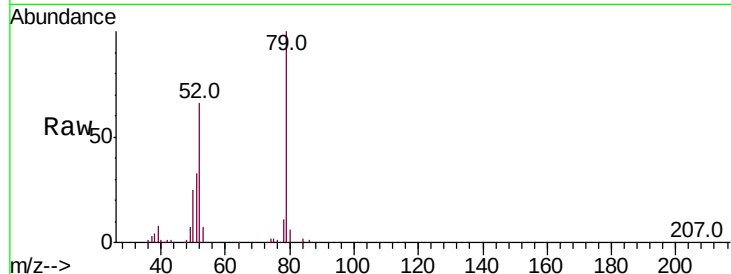
#3
 Pvridine
 Concen: 30.937 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.09 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.3	55.0	82.6
51	32.9	26.9	40.3

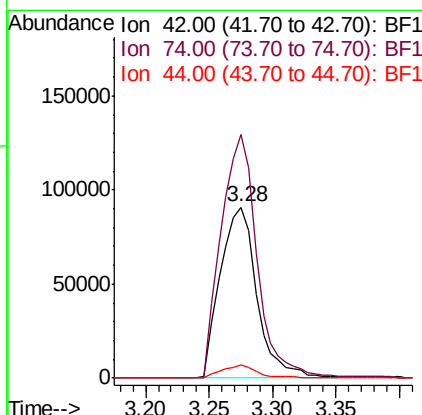
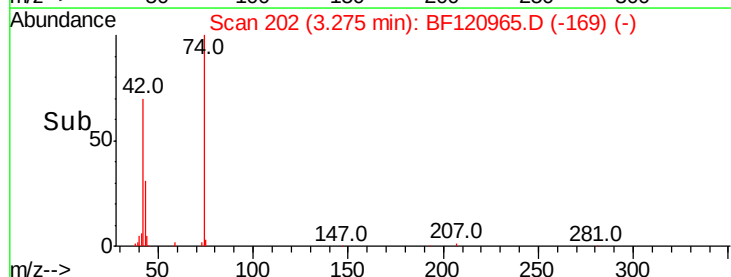
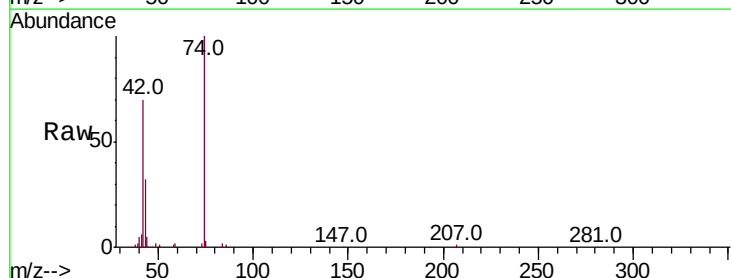
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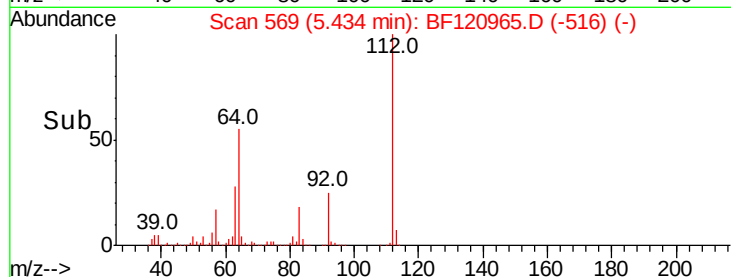
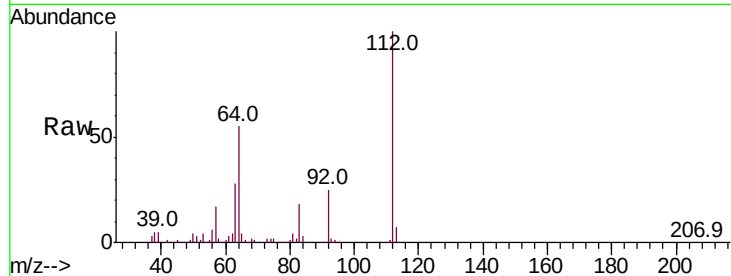
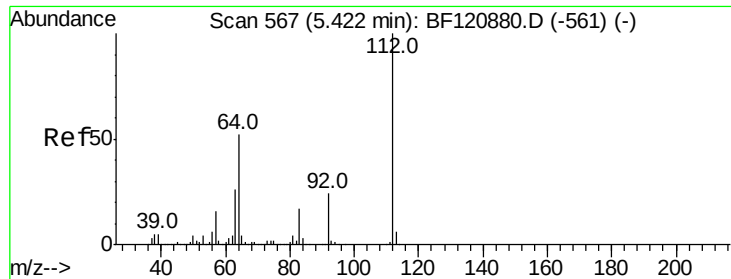
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#4
 n-Nitrosodimethylamine
 Concen: 37.930 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.09 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.5	108.7	163.1
44	7.4	5.2	7.8





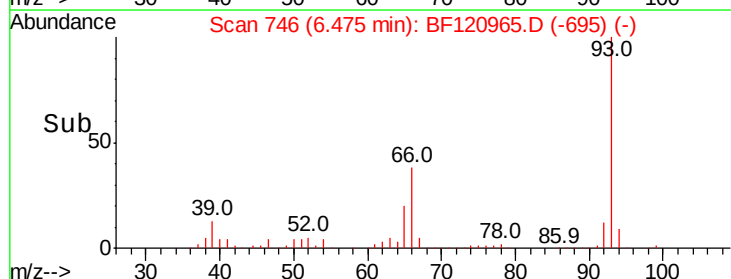
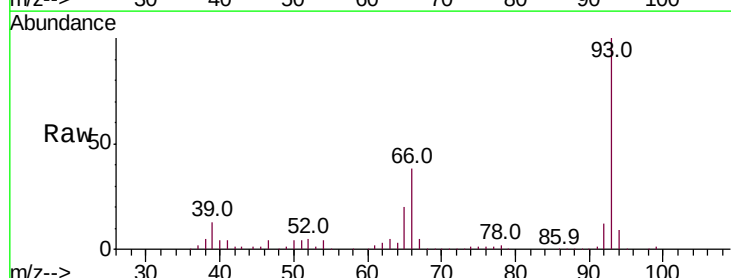
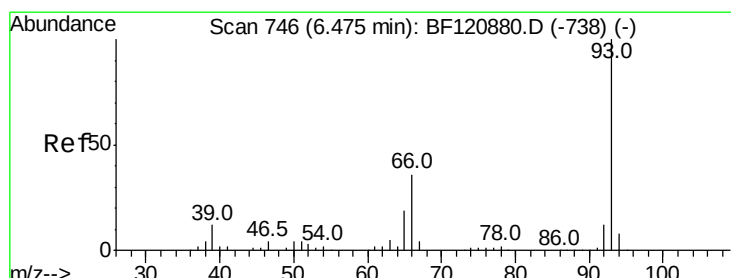
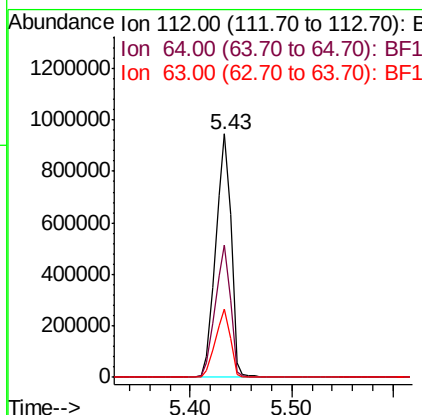
#5
2-Fluorophenol
Concen: 108.104 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.5	41.3	61.9
63	28.3	21.1	31.7

Instrument :
BNA_F
ClientSampleId :
PB130393BS

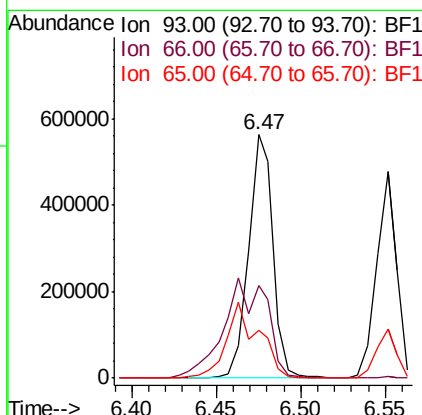
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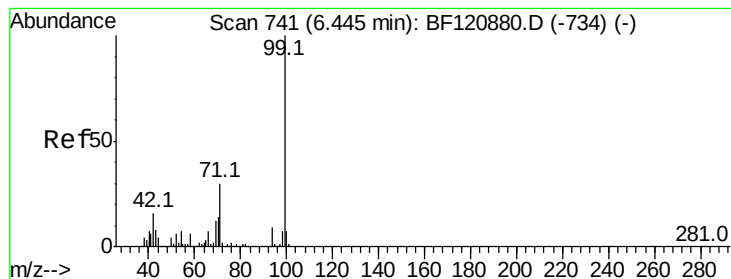
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#6
Aniline
Concen: 36.596 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.0	30.2	45.4
65	19.9	15.8	23.6





#7

Phenol-d6

Concen: 101.203 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB130393BS

Tot Ion: 99 Resp: 1205101

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

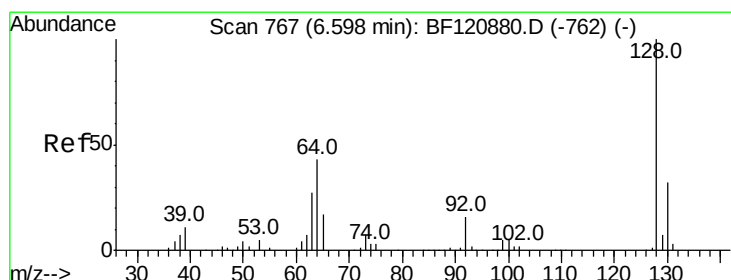
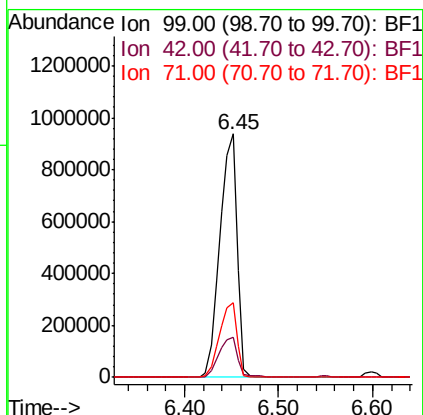
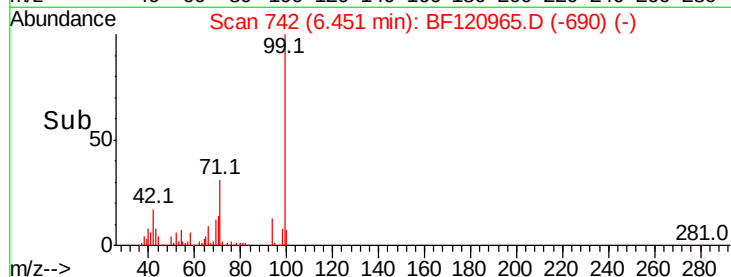
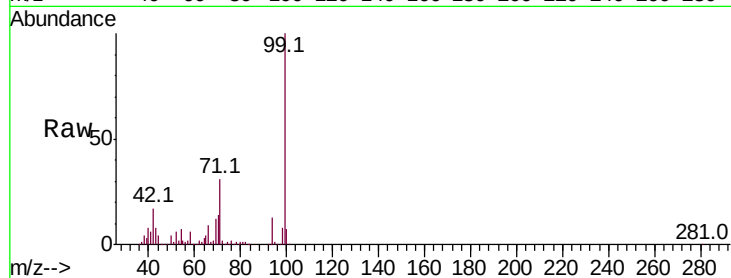
71 30.8 24.2 36.4

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#8

2-Chlorophenol

Concen: 40.999 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

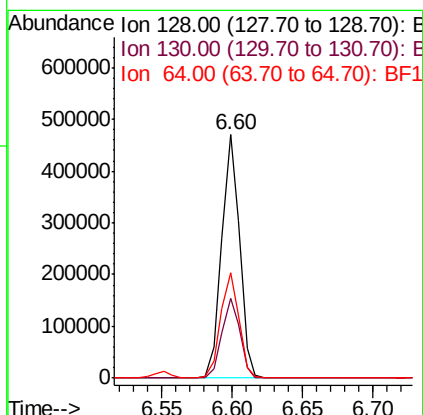
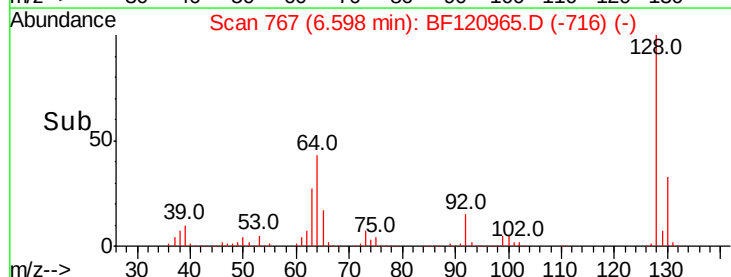
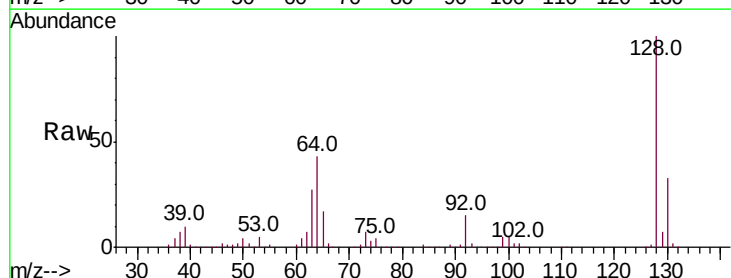
Tgt Ion: 128 Resp: 416359

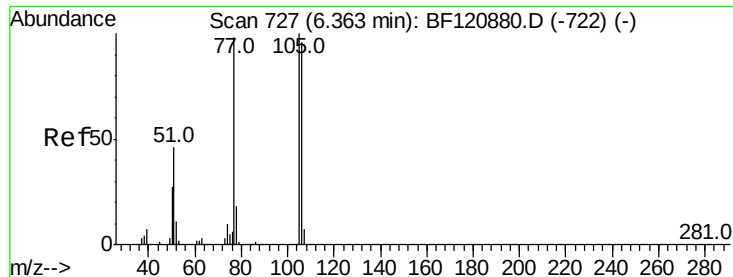
Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

64 43.1 24.0 64.0





#9

Benzaldehyde

Concen: 61.562 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

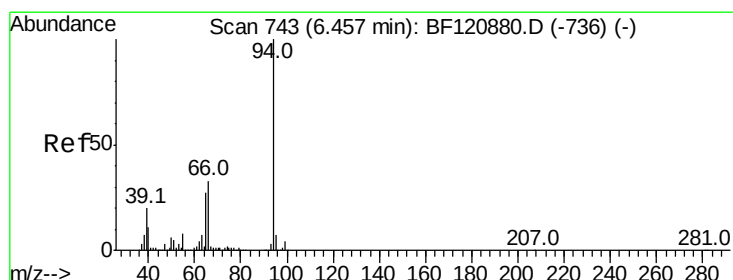
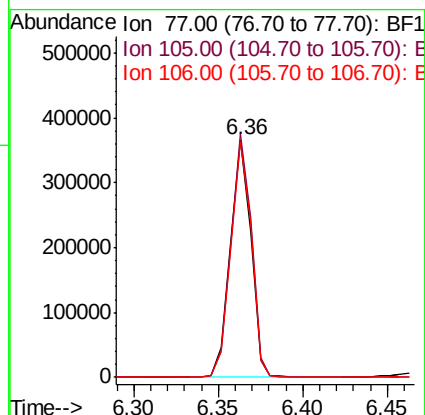
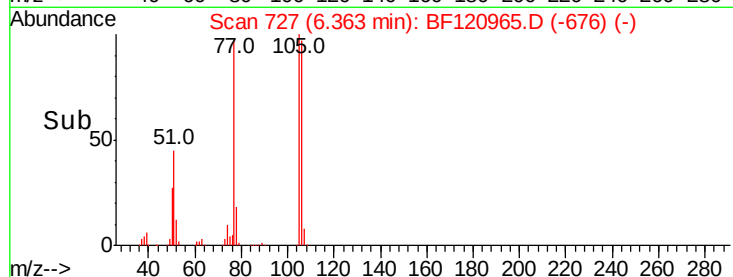
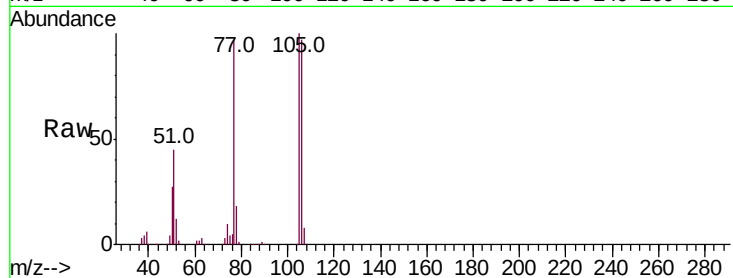
ClientSampleID :

PB130393BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	82.5	122.5
106	99.6	78.7	118.7

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#10

Phenol

Concen: 38.622 ng

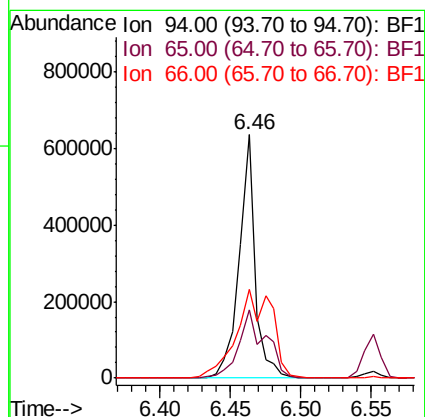
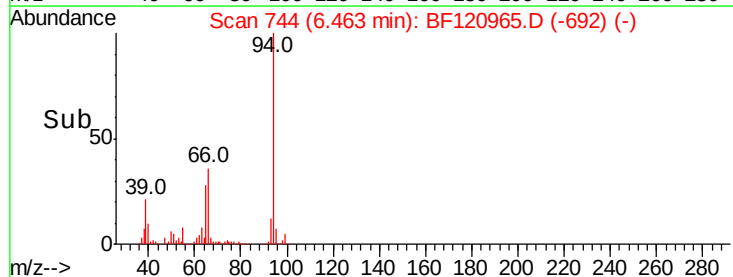
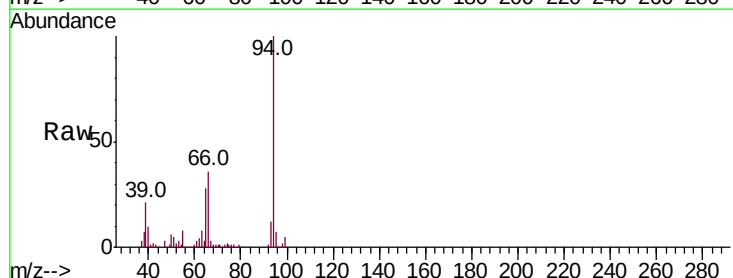
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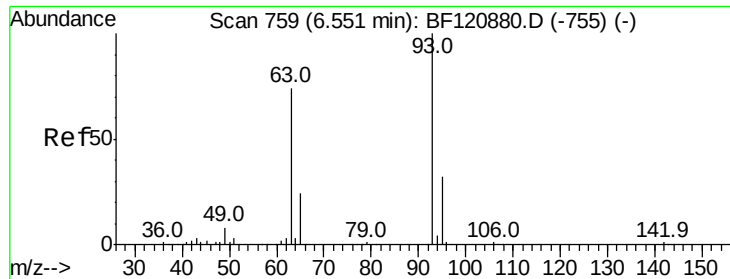
Delta R.T. 0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	6.6	46.6
66	36.4	13.2	53.2





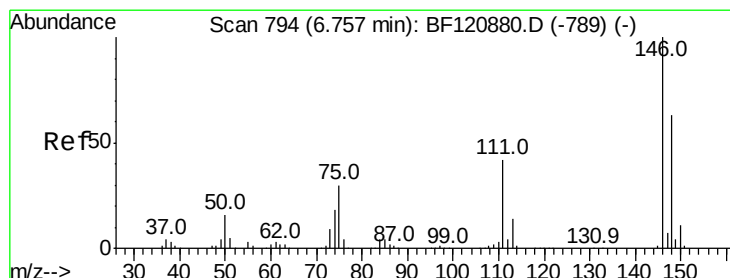
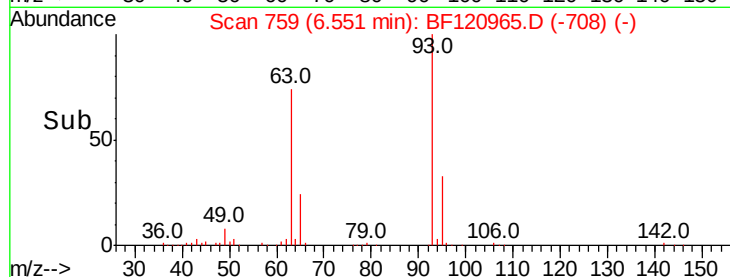
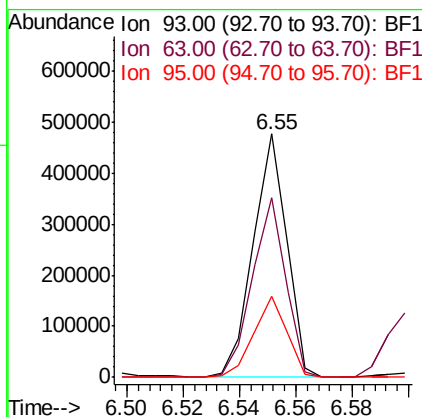
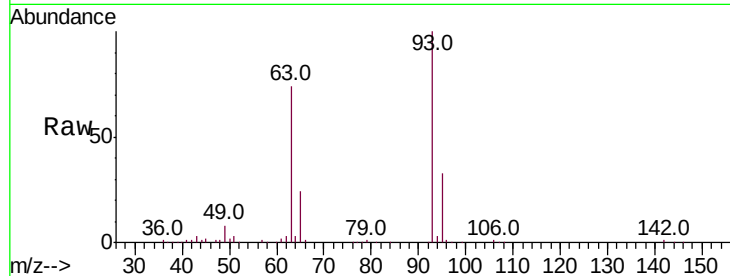
#11
bis(2-Chloroethyl)ether
Concen: 39.319 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	93	Resp	394715
Ion Ratio	100	Lower	Upper
93	100		
63	74.0	54.2	94.2
95	33.3	12.2	52.2

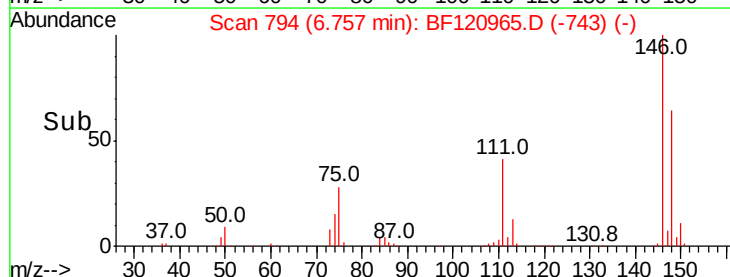
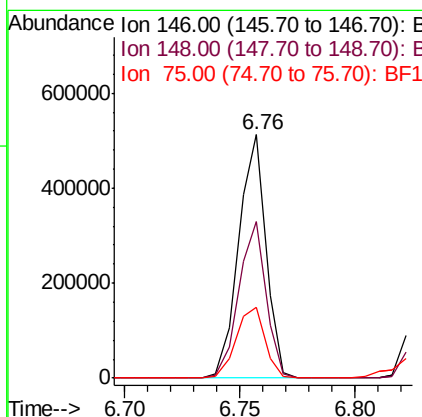
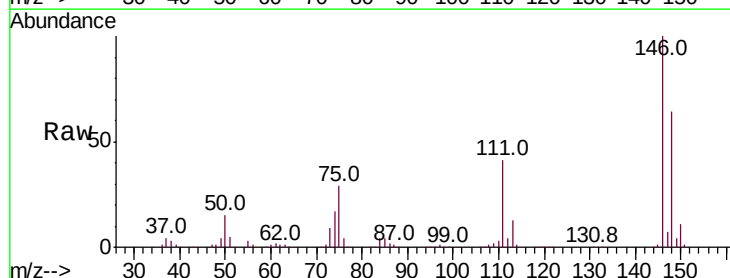
Manual Integrations
APPROVED

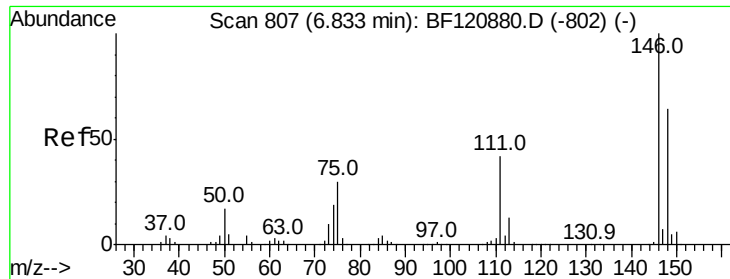
Sohil
7/24/2020 12:10:40 PM



#12
1,3-Dichlorobenzene
Concen: 38.556 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	146	Resp	424576
Ion Ratio	100	Lower	Upper
146	100		
148	64.2	50.6	75.8
75	29.0	24.1	36.1





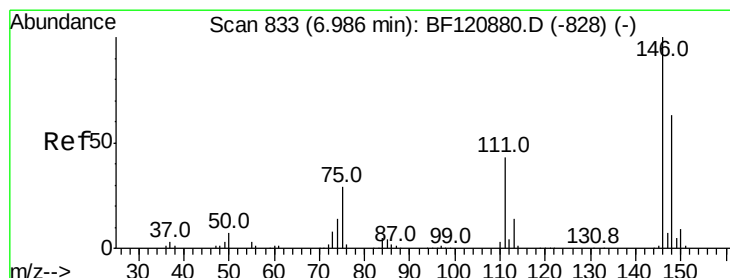
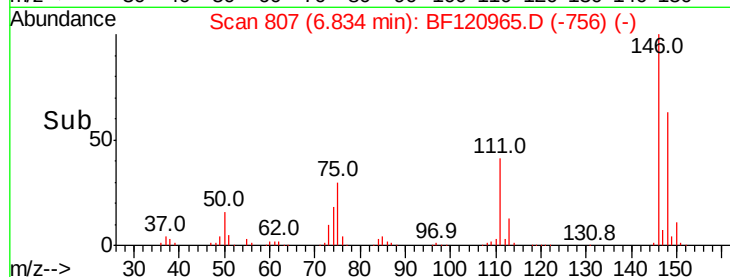
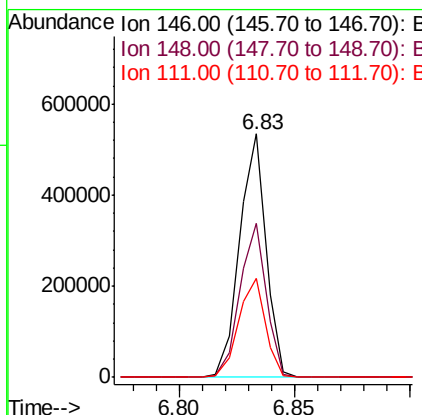
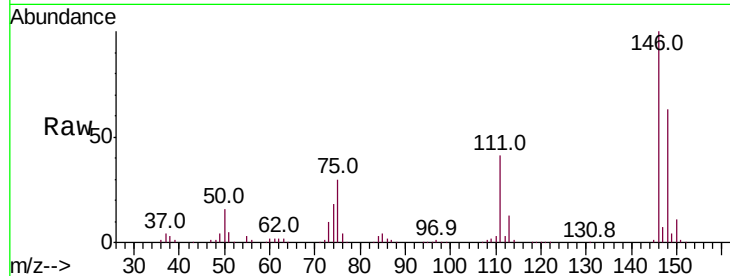
#13
 1,4-Dichlorobenzene
 Concen: 39.081 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	40.6	33.5	50.3

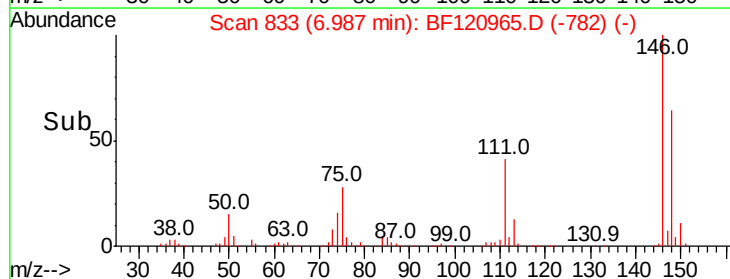
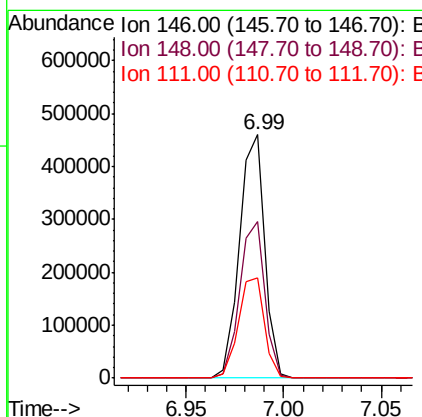
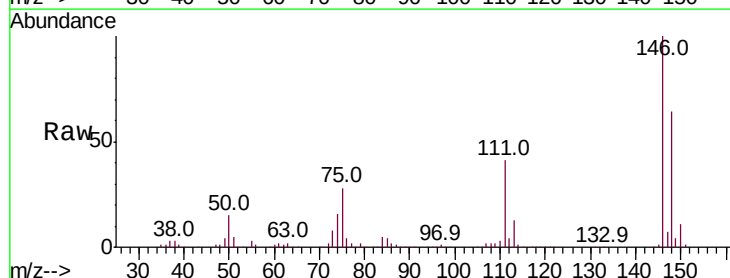
Manual Integrations
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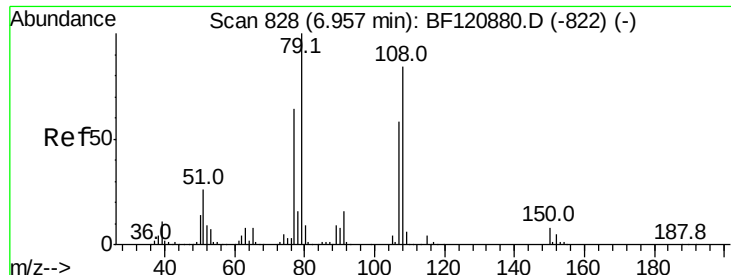
Sohil
 7/24/2020 12:10:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.799 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	41.2	34.2	51.2





#15

Benzyl Alcohol

Concen: 38.332 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

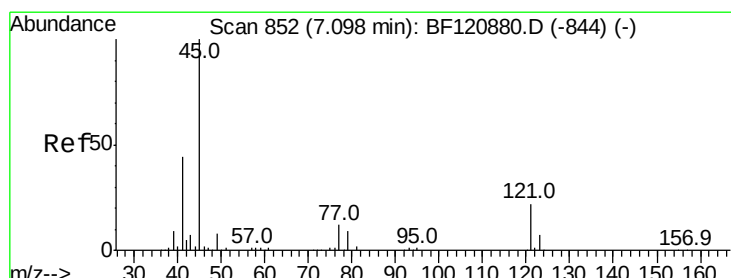
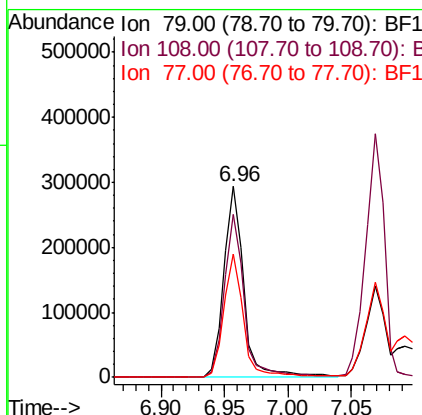
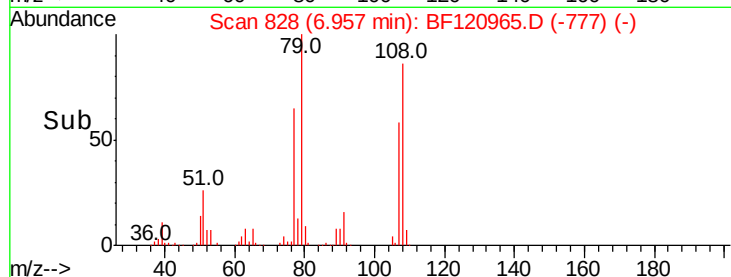
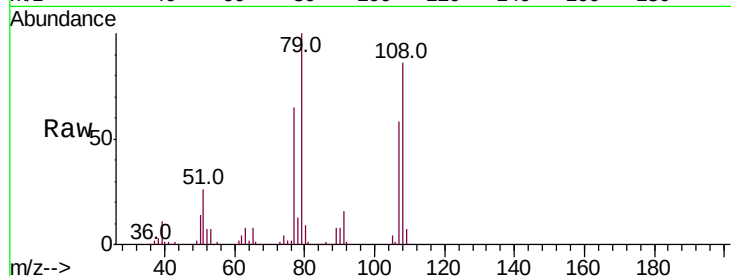
ClientSampleID :

PB130393BS

Tot Ion:	79	Resp:	322796
Ion Ratio	Lower	Upper	
79	100		
108	85.5	67.0	100.6
77	64.5	51.0	76.4

Manual Integrations
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7/24/2020 12:10:40 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.185 ng

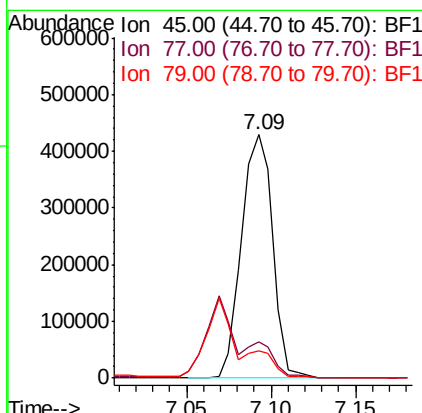
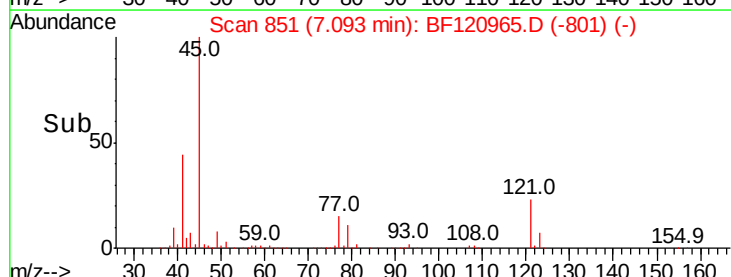
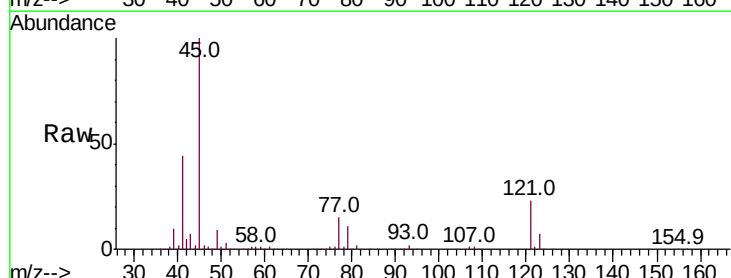
RT: 7.09 min Scan# 851

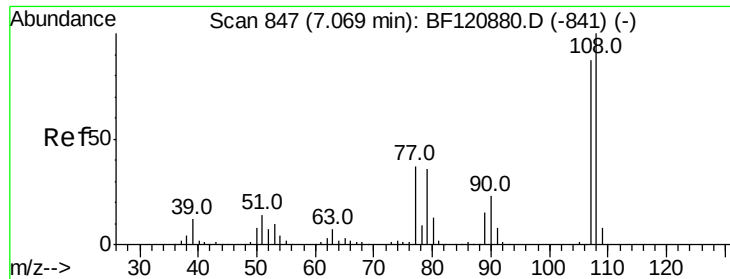
Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Tgt Ion:	45	Resp:	552515
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	34.3
79	11.4	0.0	31.0





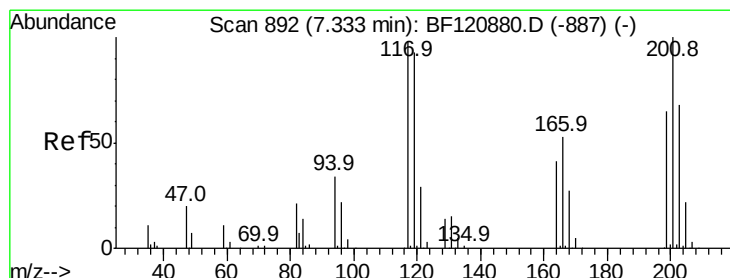
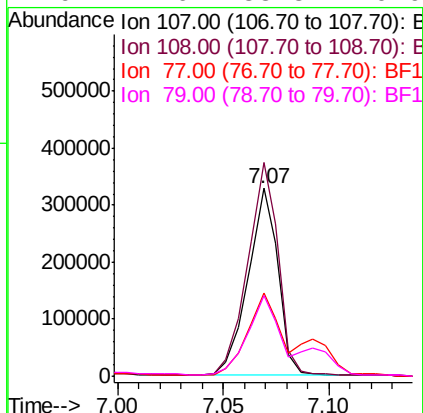
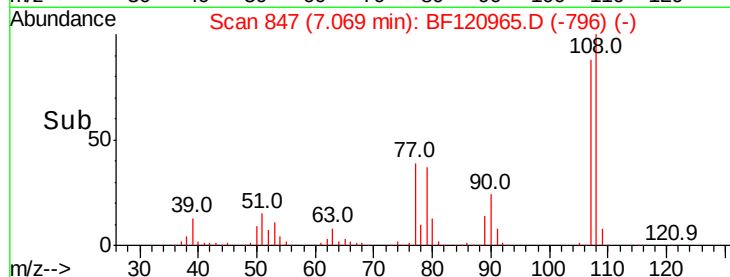
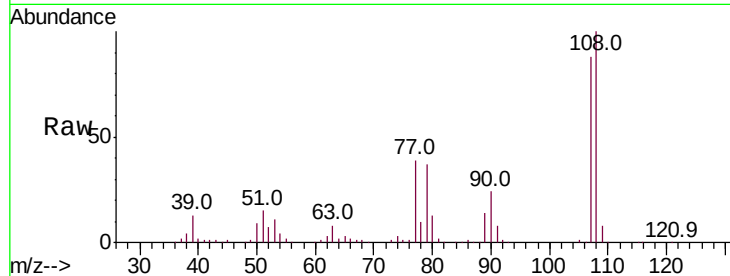
#17
2-Methylphenol
Concen: 36.057 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	92.0	138.0	
77	44.2	34.0	51.0	
79	42.6	33.3	49.9	

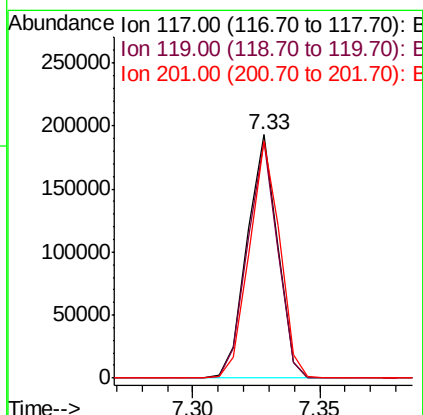
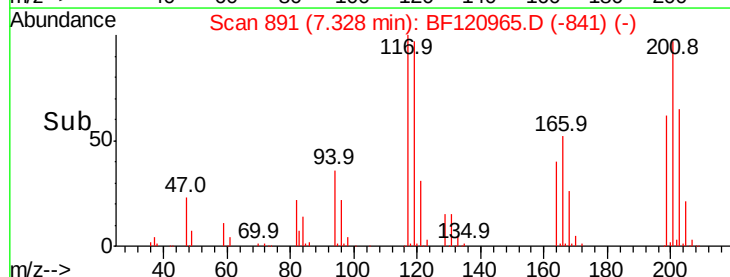
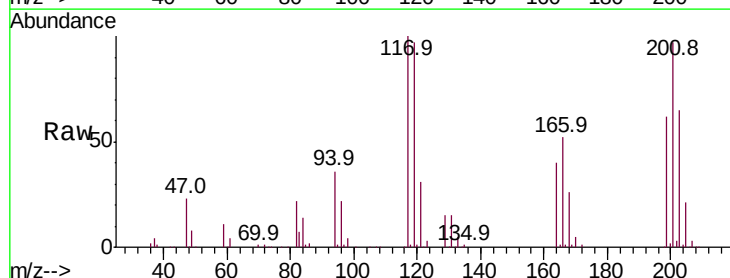
Manual Integrations
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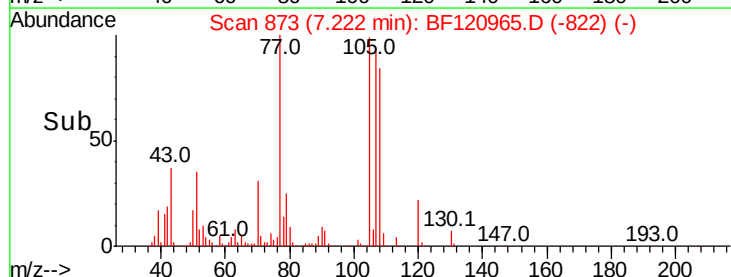
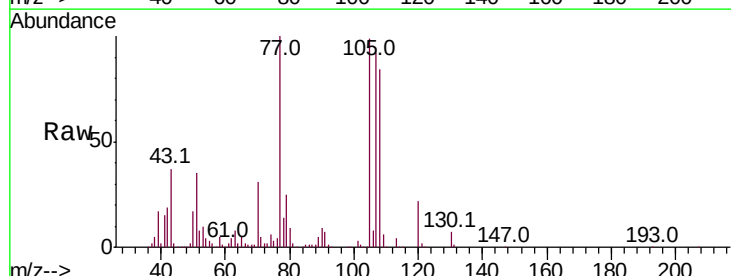
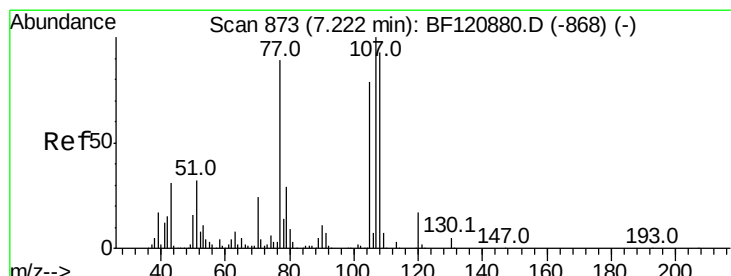
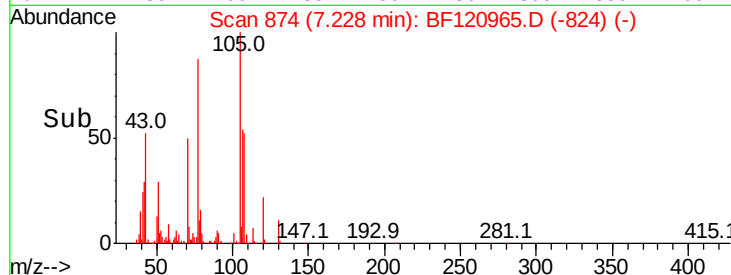
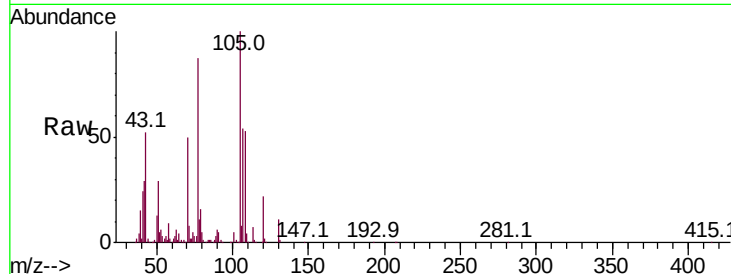
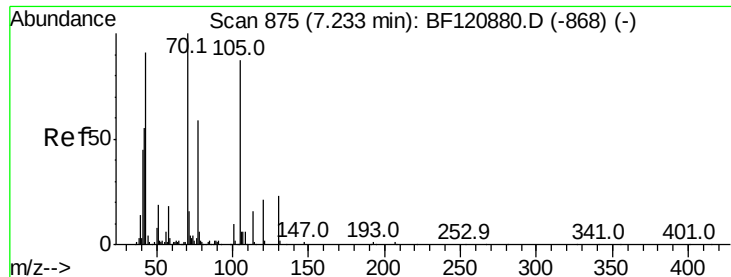
Sohil
7/24/2020 12:10:40 PM



#18
Hexachloroethane
Concen: 40.619 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	76.0	114.0	
201	97.3	81.7	122.5	





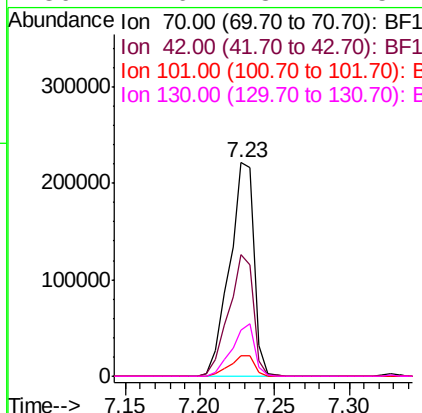
#19
n-Nitroso-di-n-propylamine
Concen: 37.679 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	44.0	66.0	
101	9.6	7.8	11.6	
130	21.6	18.7	28.1	

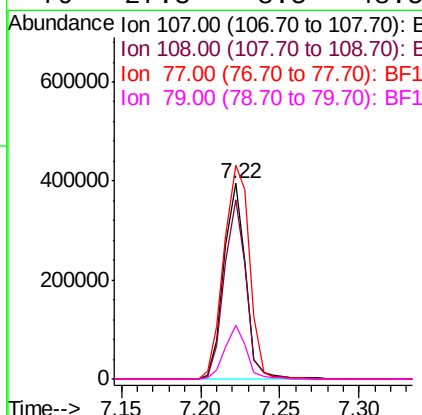
Manual Integrations
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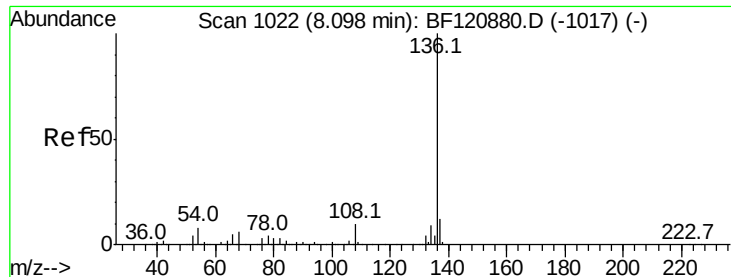
Sohil
7/24/2020 12:10:40 PM



#20
3+4-Methylphenols
Concen: 32.480 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	72.8	112.8	
77	109.3	68.7	108.7#	
79	27.3	8.5	48.5	





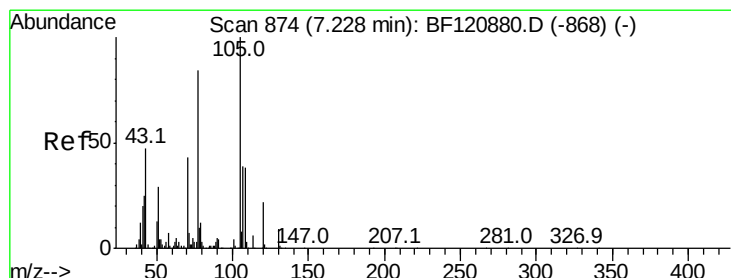
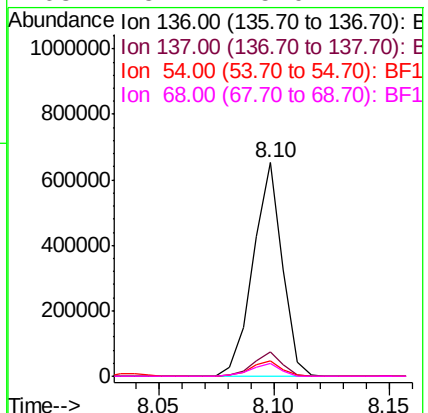
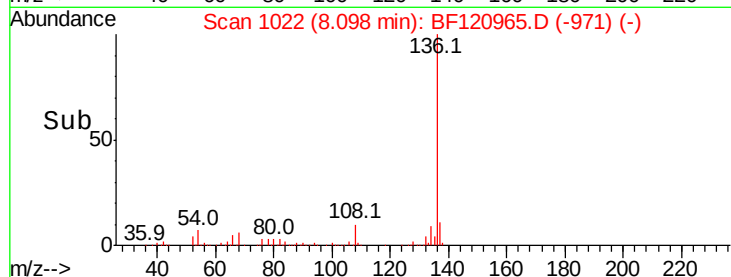
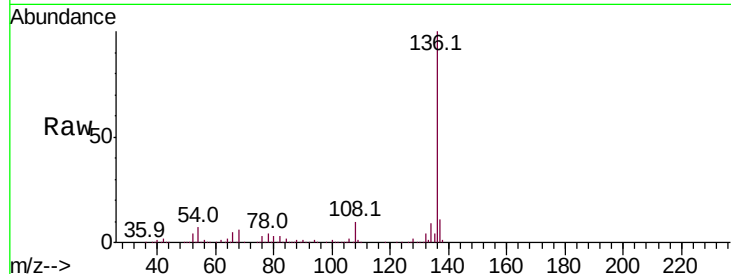
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.3	13.9	
54	7.2	6.3	9.5	
68	5.7	5.0	7.4	

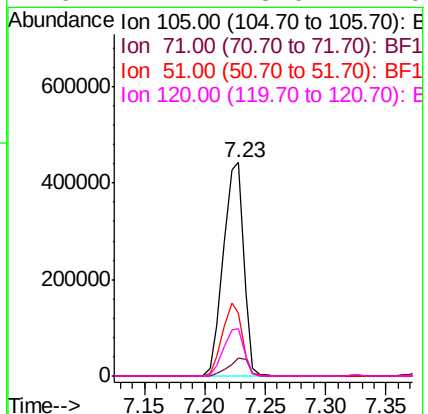
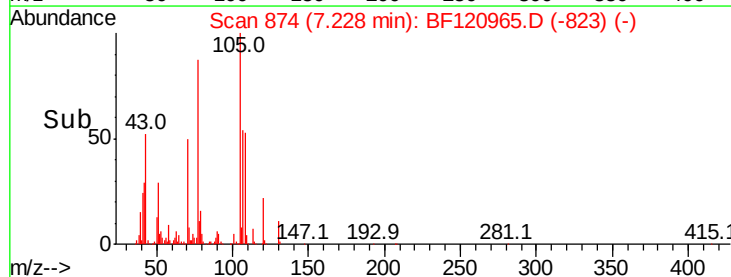
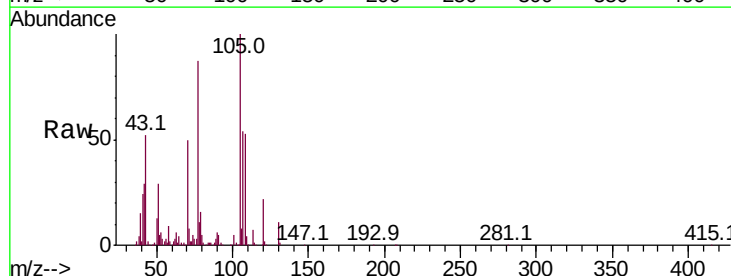
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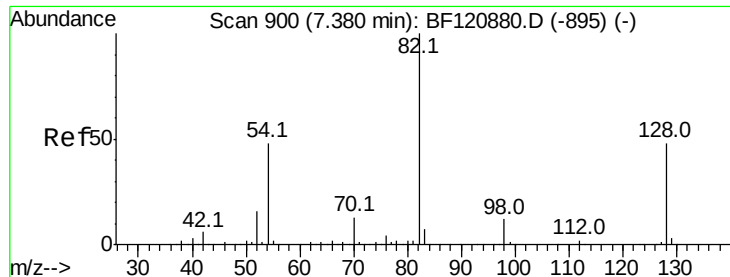
Sohil
7/24/2020 12:10:40 PM



#22
Acetophenone
Concen: 40.028 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	5.7	8.5	
51	29.1	22.9	34.3	
120	22.4	18.0	27.0	





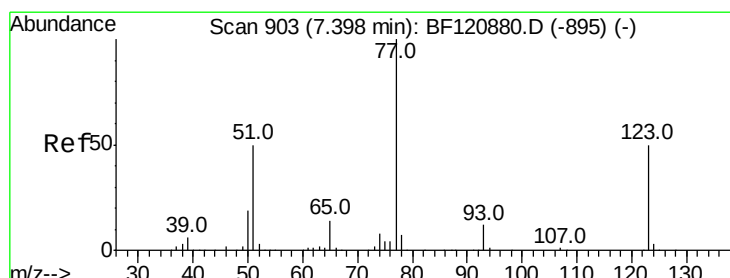
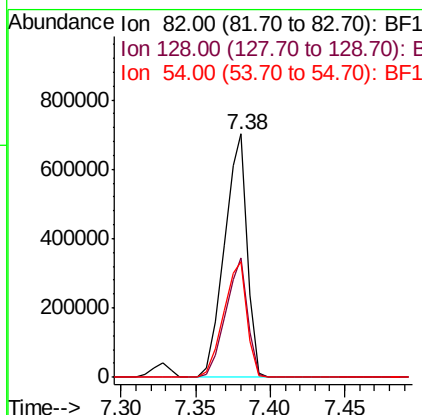
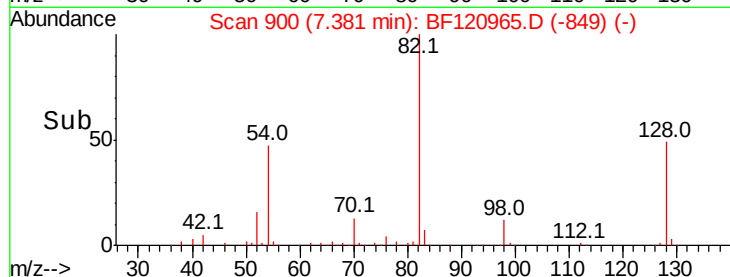
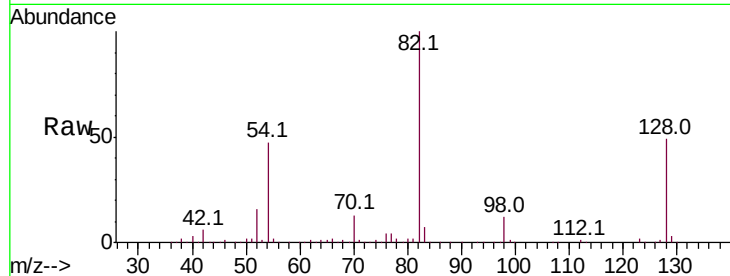
#23
Nitrobenzene-d5
Concen: 75.933 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.2	57.4
54	47.5	38.7	58.1

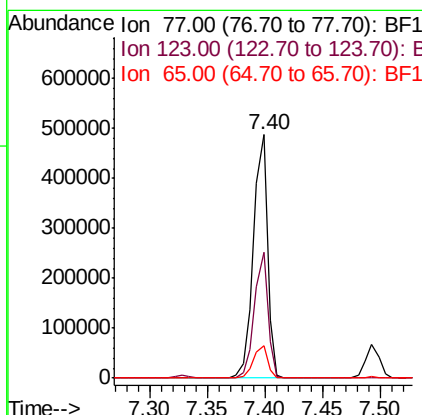
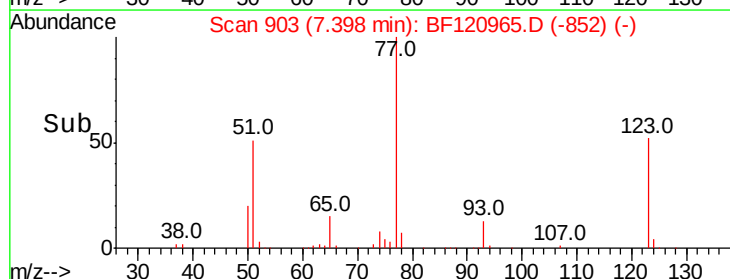
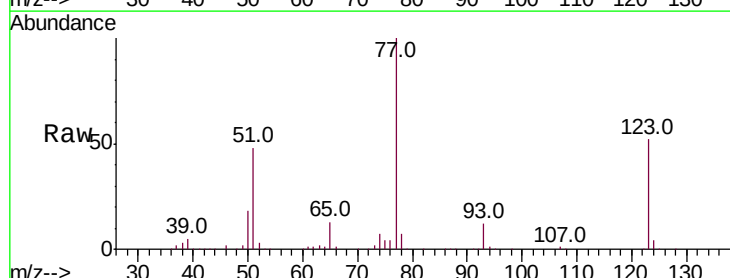
Manual Integrations
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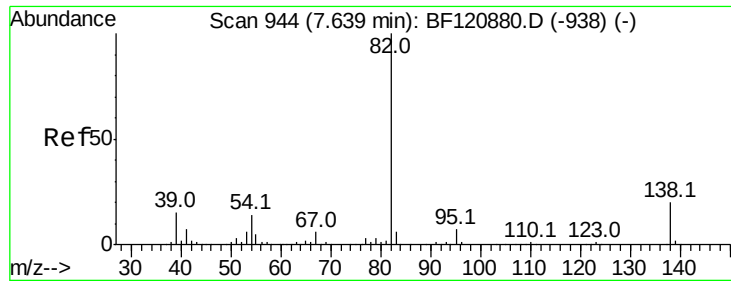
Sohil
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#24
Nitrobenzene
Concen: 39.002 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.9	40.1	60.1
65	13.3	10.8	16.2





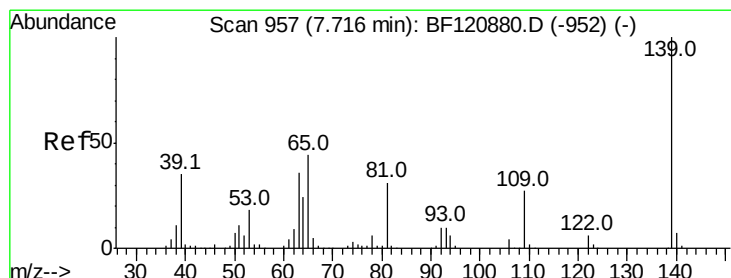
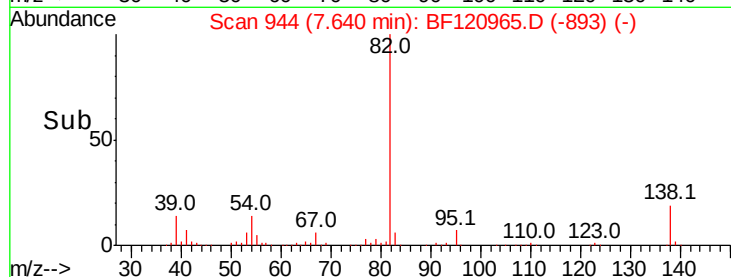
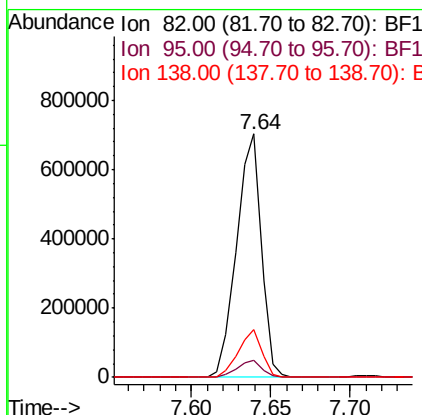
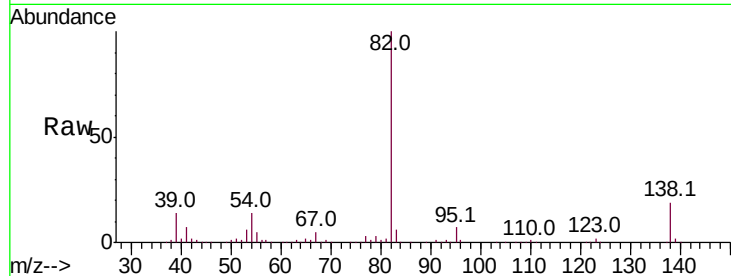
#25
Isophorone
Concen: 38.313 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	760151		
95	6.7		5.5	8.3
138	19.4		15.6	23.4

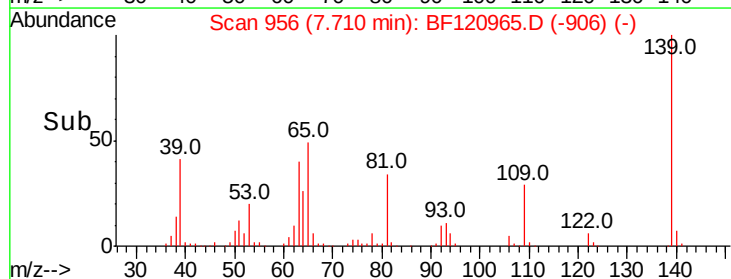
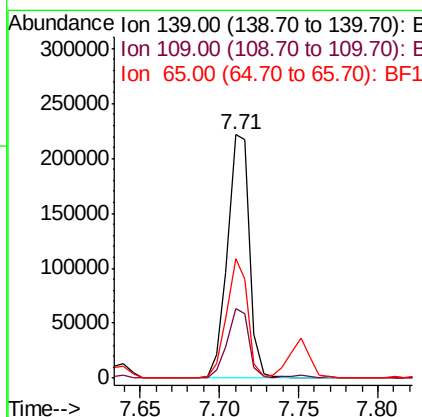
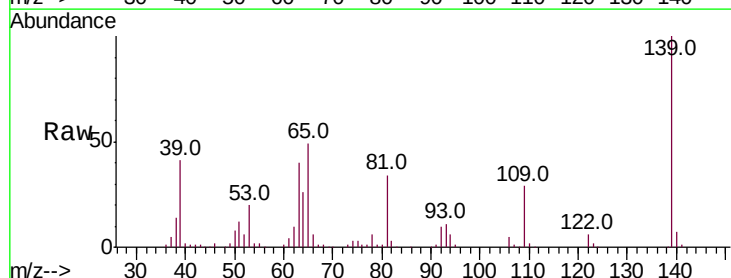
Manual Integrations
APPROVED

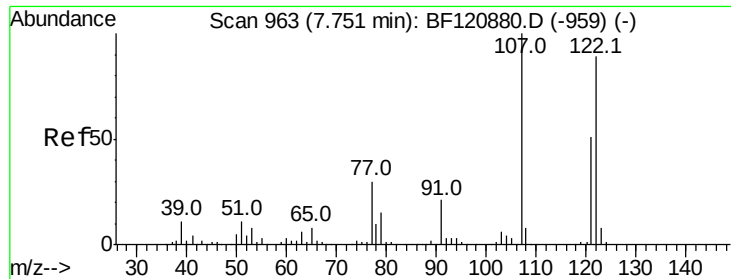
Sohil
7/24/2020 12:10:40 PM



#26
2-Nitrophenol
Concen: 41.978 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	213615		
109	28.5		21.6	32.4
65	48.9		35.3	52.9





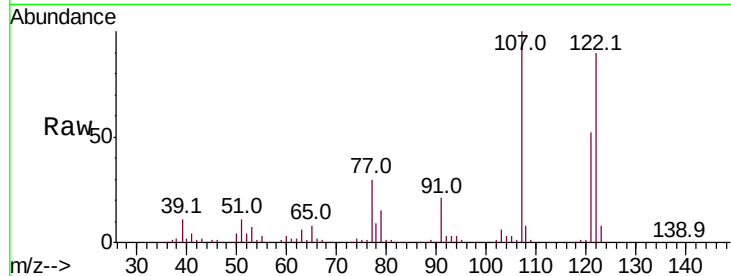
#27
2,4-Dimethylphenol
Concen: 42.896 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	89.4	134.0
121	57.7	46.0	69.0

Manual Integrations
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Sohil
7/24/2020 12:10:40 PM

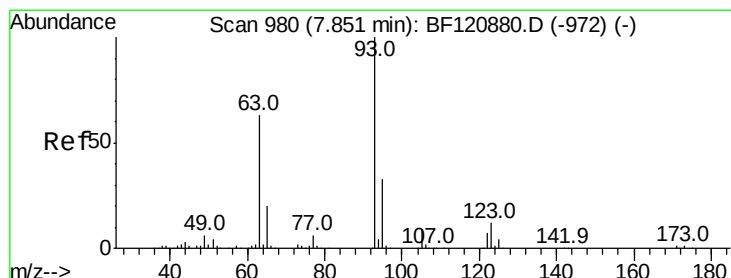
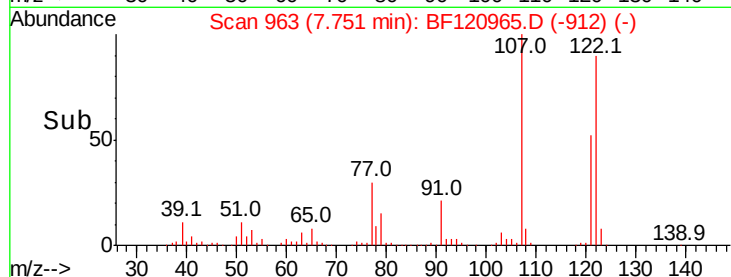
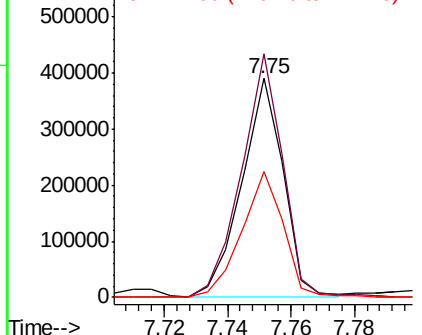


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.291 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

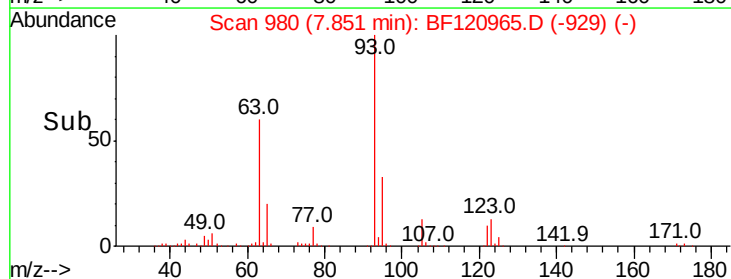
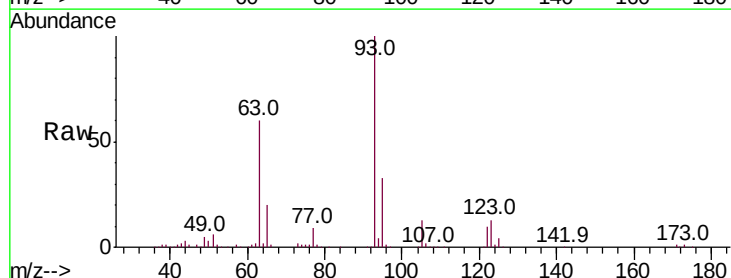
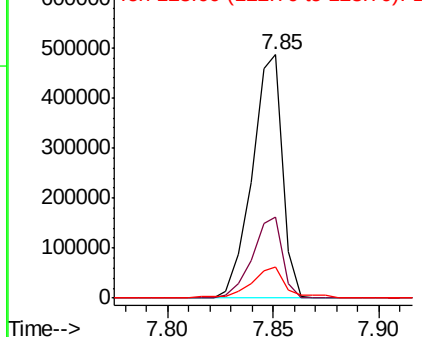
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	12.7	10.0	15.0

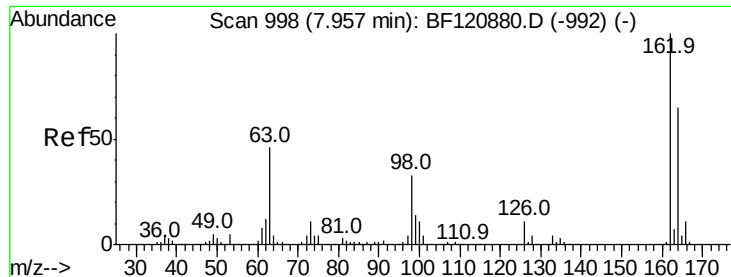
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





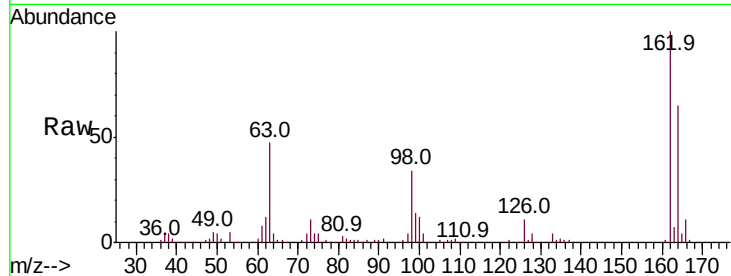
#29
2,4-Dichlorophenol
Concen: 40.576 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	45.3	85.3
98	34.4	13.3	53.3

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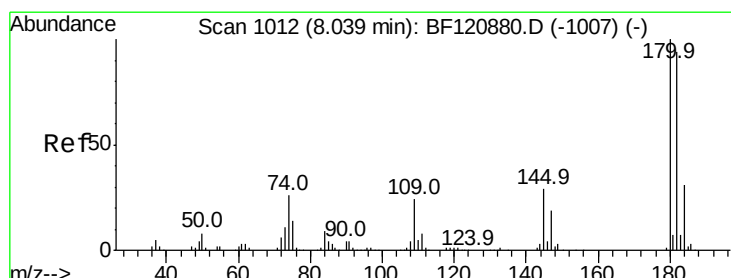
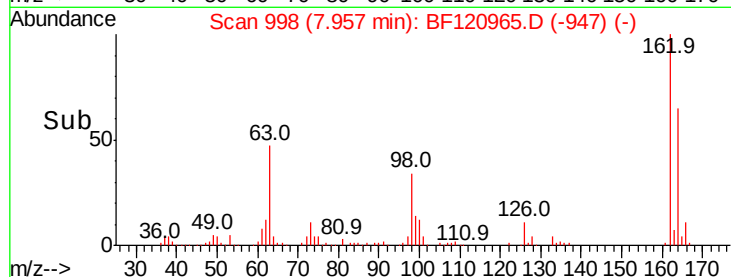
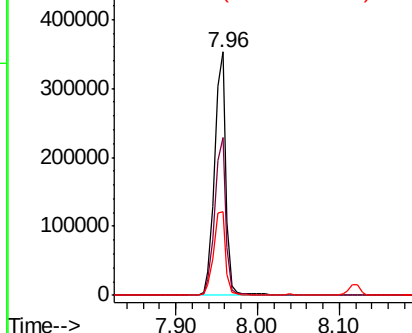


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.265 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

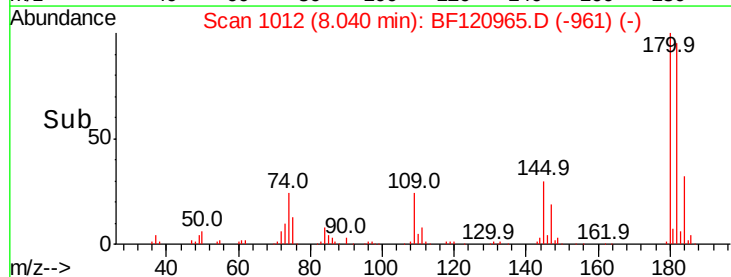
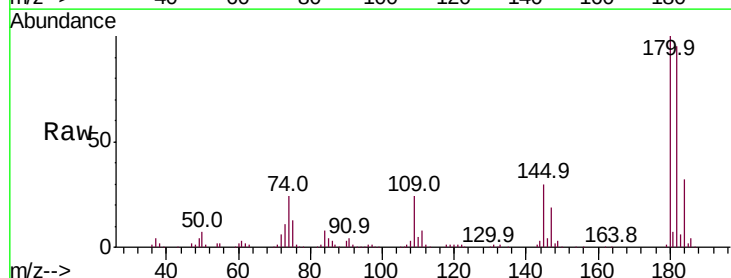
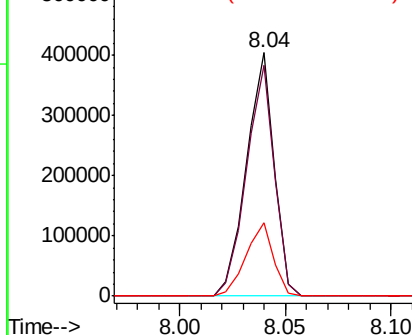
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	75.0	112.6
145	29.9	23.5	35.3

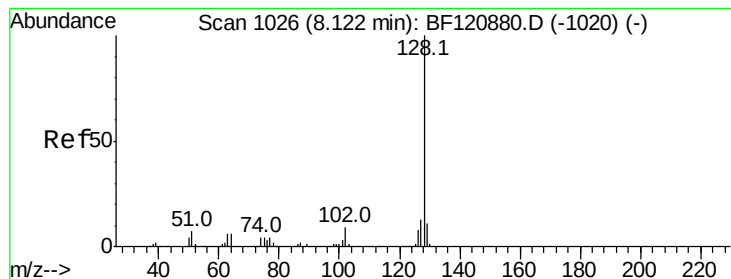
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.975 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB130393BS

Tot Ion:128 Resp: 1150002

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

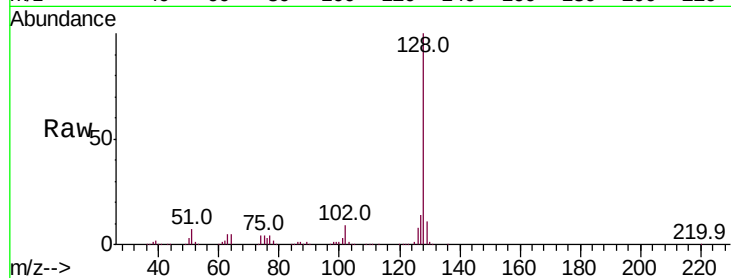
127 13.8 10.7 16.1

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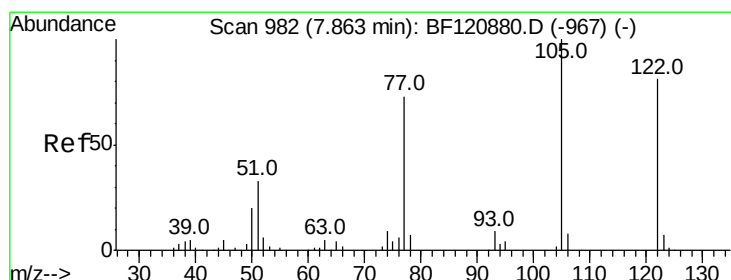
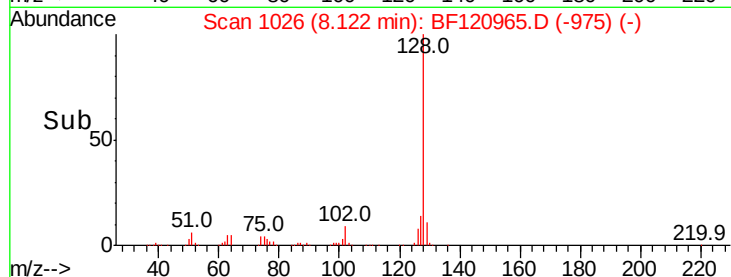
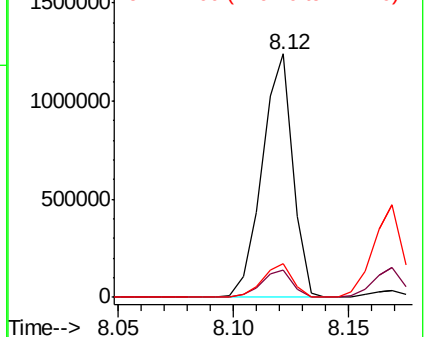


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.049 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

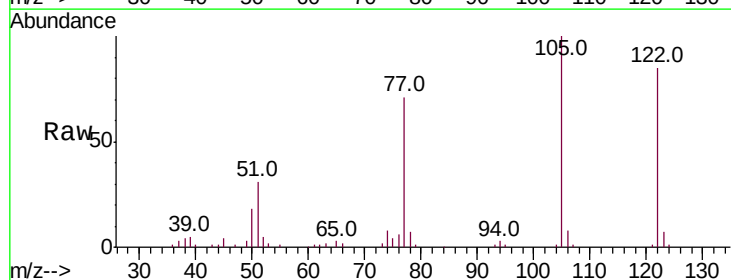
Tgt Ion:122 Resp: 223579

Ion Ratio Lower Upper

122 100

105 118.3 101.3 141.3

77 84.0 69.1 109.1

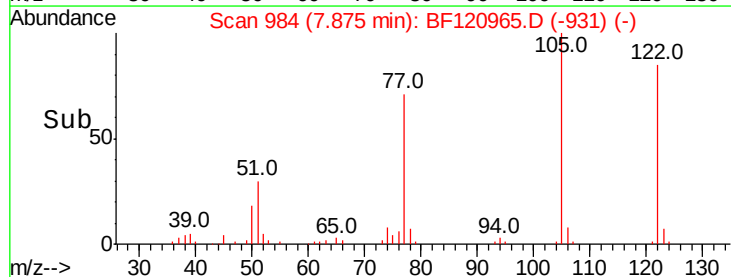
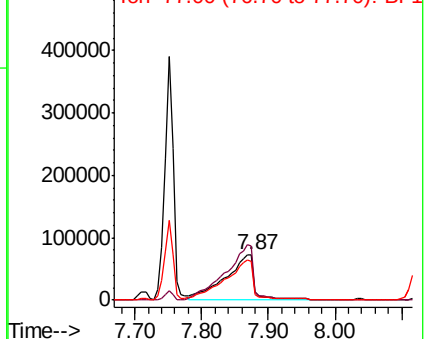


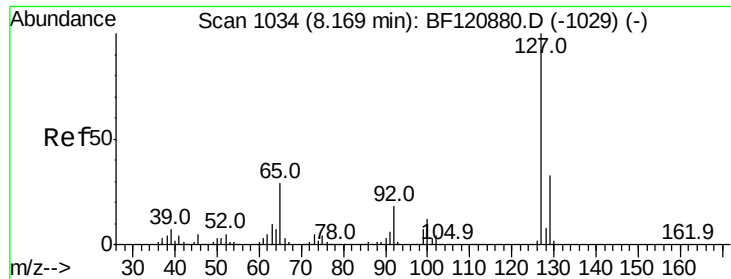
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





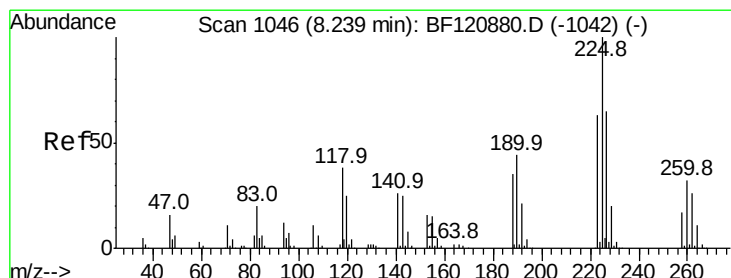
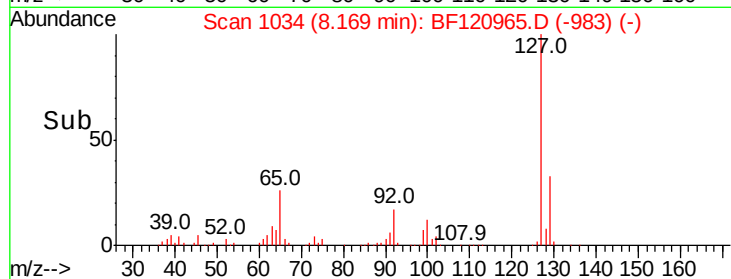
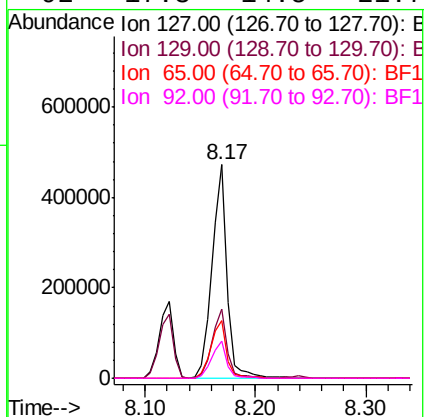
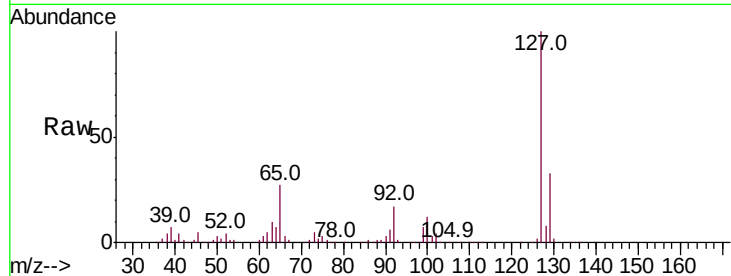
#33
4-Chloroaniline
Concen: 33.050 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	27.0	23.0	34.4
92	17.3	14.5	21.7

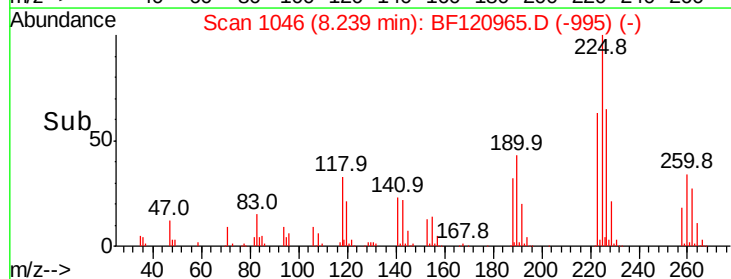
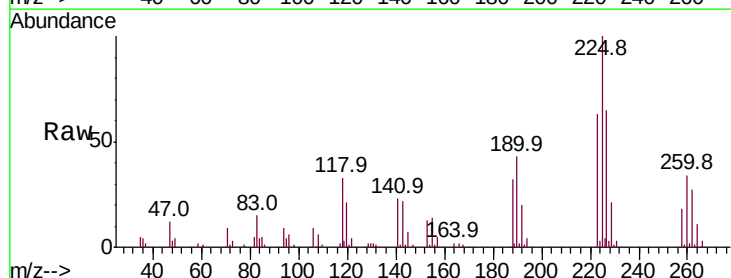
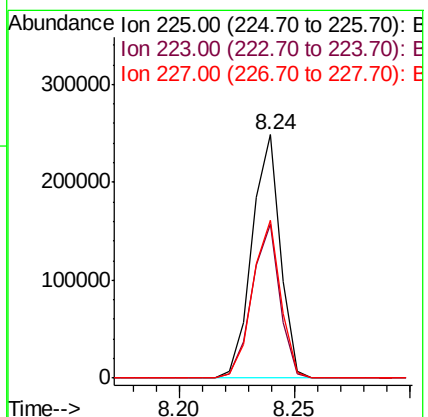
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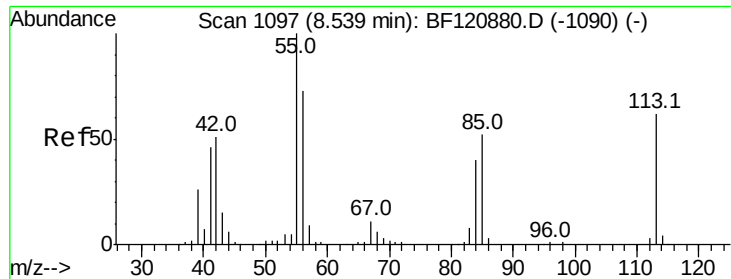
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#34
Hexachlorobutadiene
Concen: 38.506 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.6	52.2	78.2





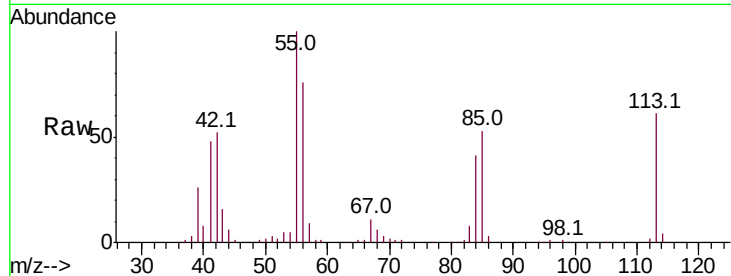
#35
 Caprolactam
 Concen: 38.995 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleID :
 PB130393BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.5	143.3	183.3
56	124.3	99.4	139.4

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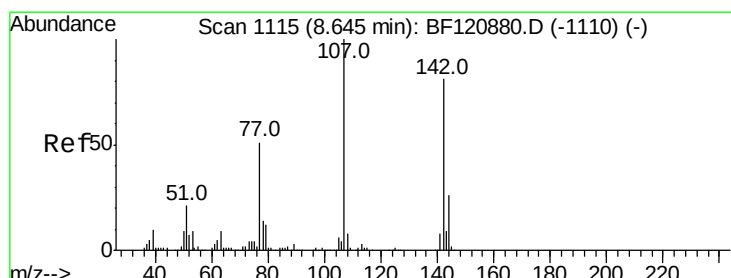
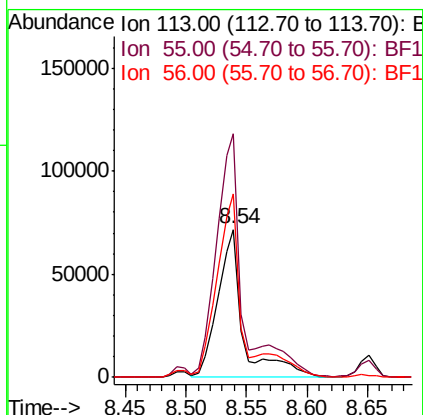
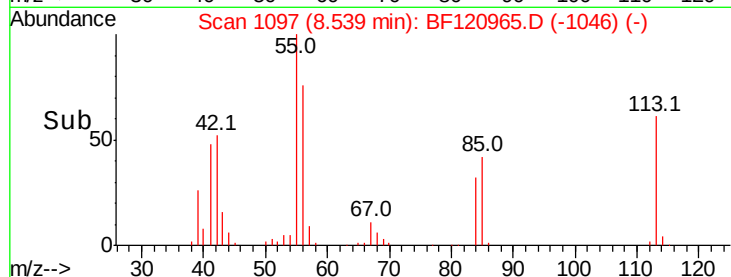


Abundance

Ion 113.00 (112.70 to 113.70): E

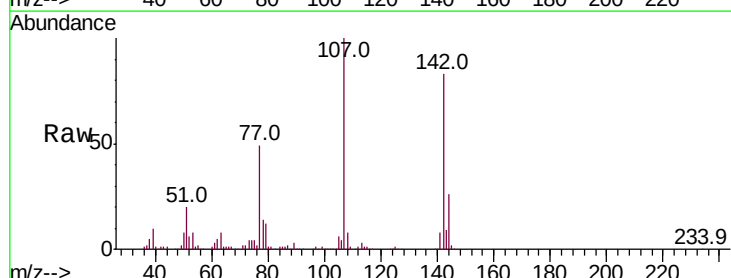
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 40.005 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.0	31.6
142	83.1	65.0	97.6

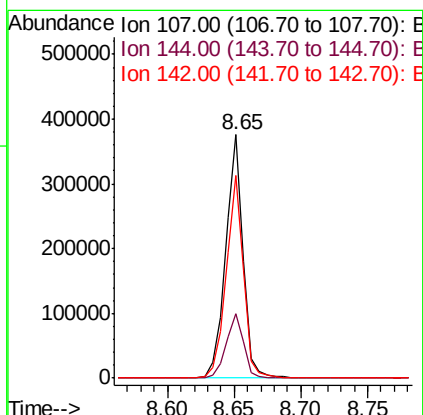
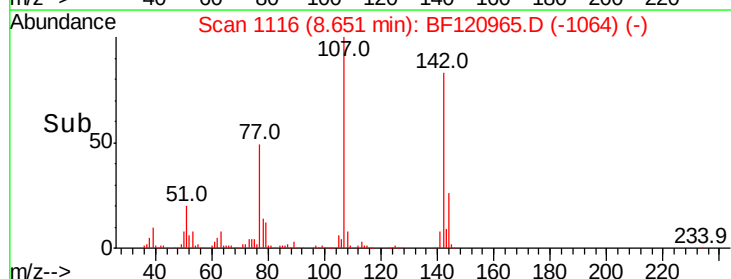


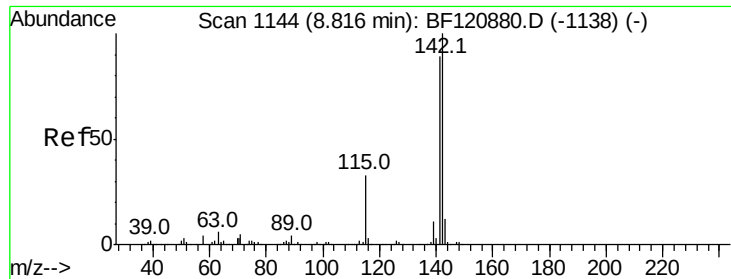
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





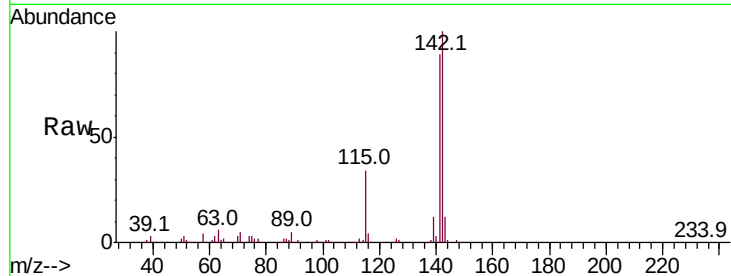
#37
2-Methylnaphthalene
Concen: 40.399 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	773984		
141	89.0		71.0	106.4
115	33.8		26.0	39.0

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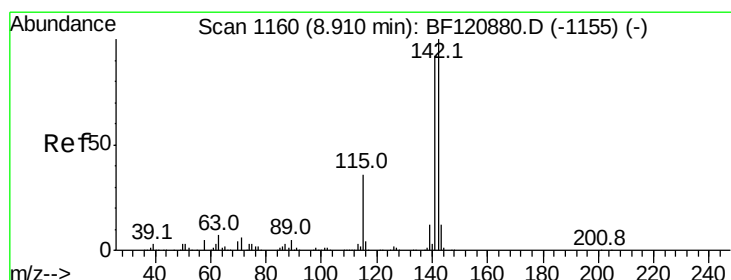
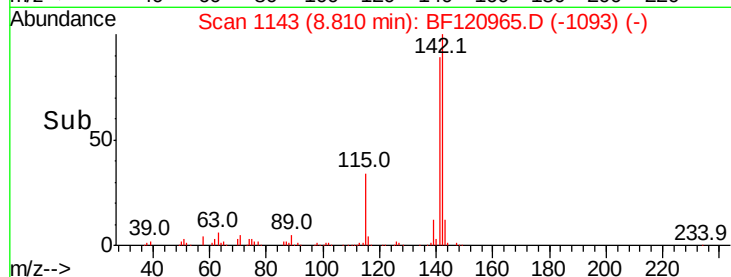
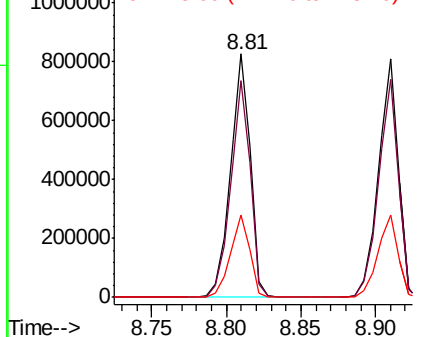


Abundance

Ion 142.00 (141.70 to 142.70): E

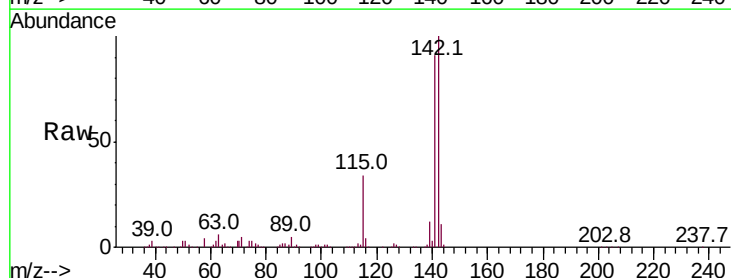
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.190 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	729260		
141	91.0		73.7	110.5
116	3.6		3.0	4.6

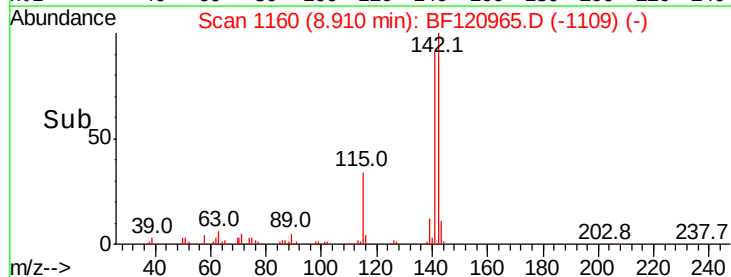
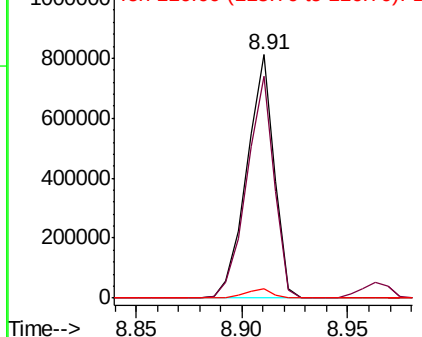


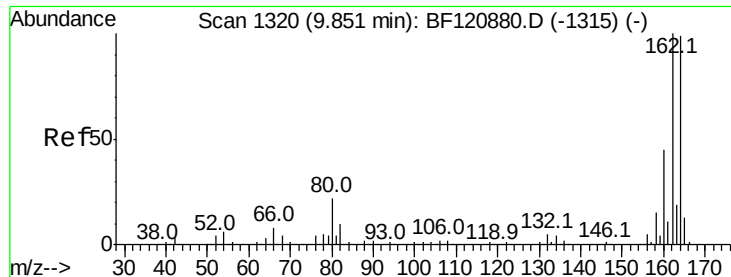
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





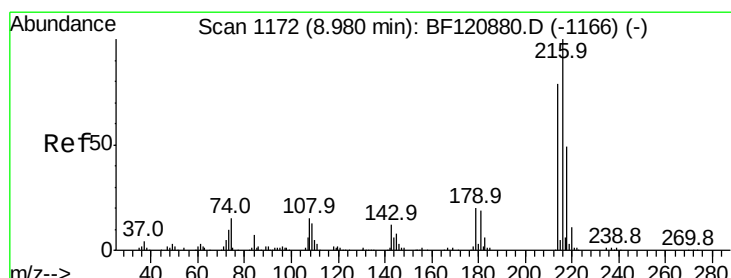
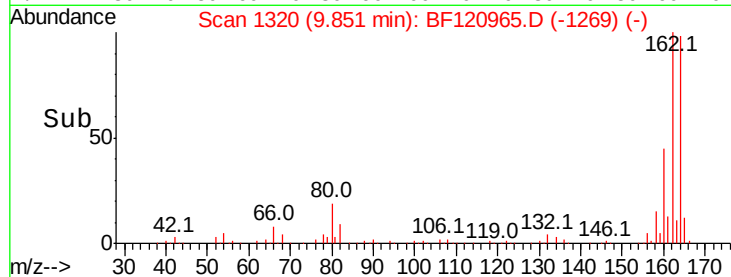
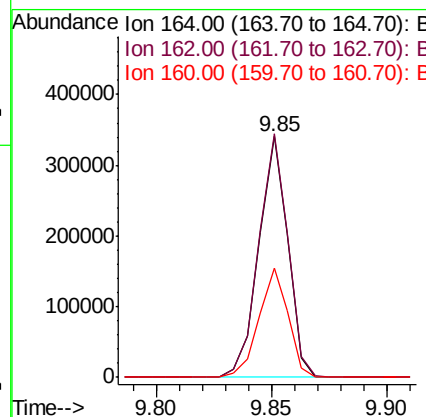
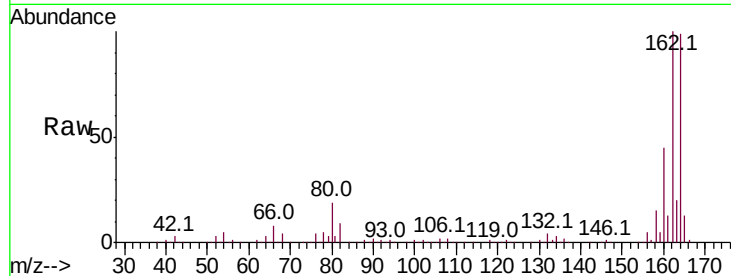
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	300361		
162	101.2	81.2	121.8	
160	45.3	36.9	55.3	

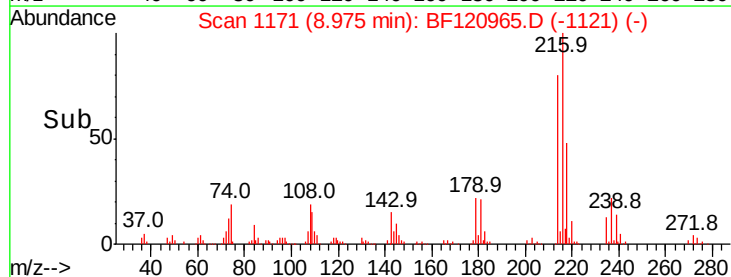
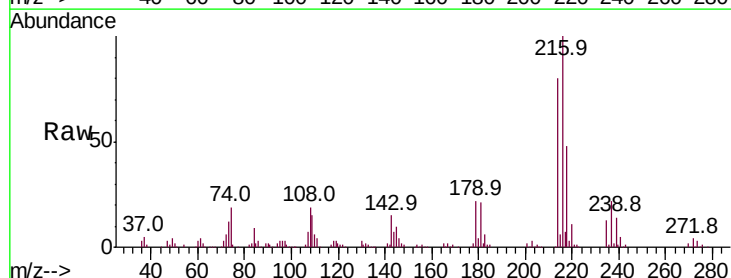
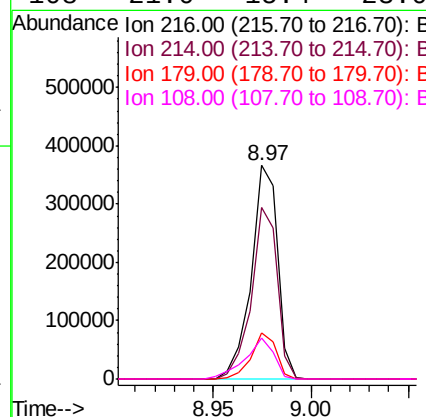
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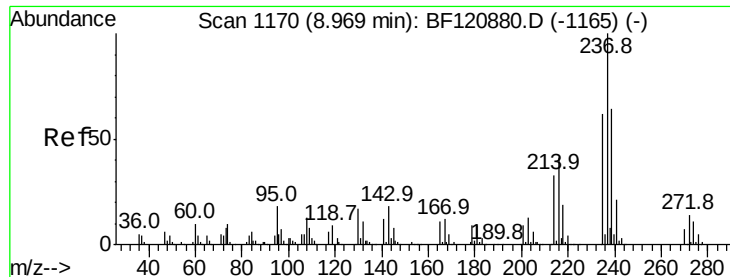
Sohil
7/24/2020 12:10:40 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.302 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	343940		
214	78.8	63.8	95.8	
179	20.5	16.6	24.8	
108	21.0	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 83.534 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

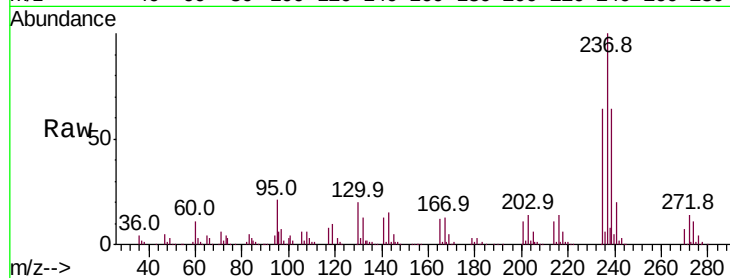
ClientSampleId :

PB130393BS

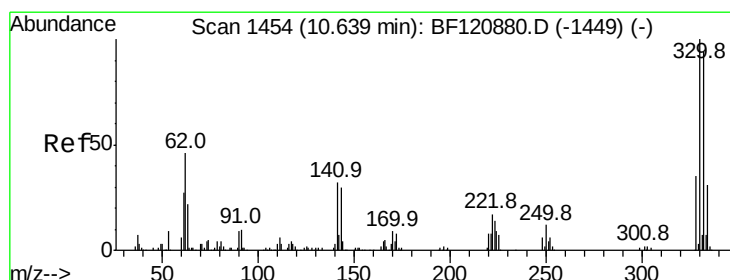
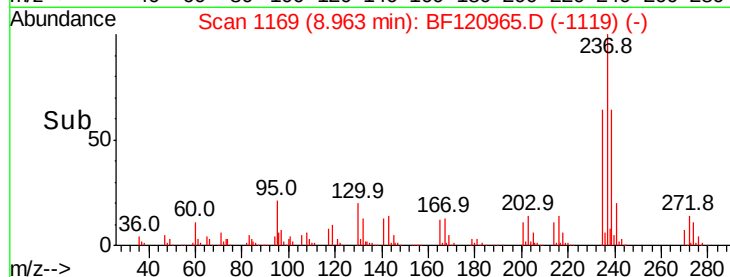
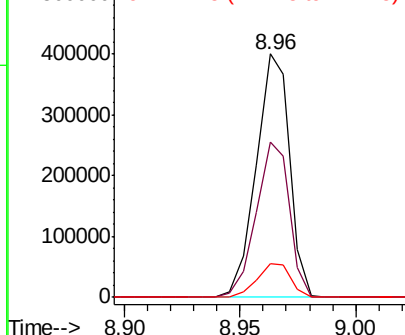
Tot Ion:	237	Resp:	404021
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.6	81.6
272	14.0	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 108.693 ng

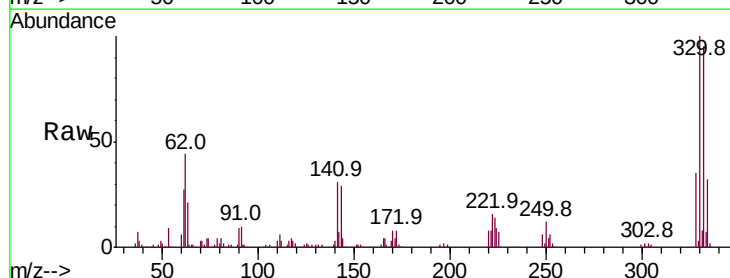
RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

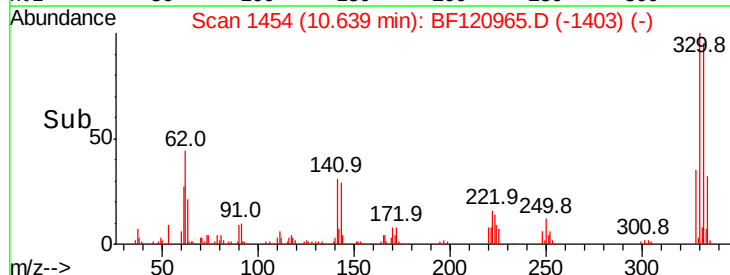
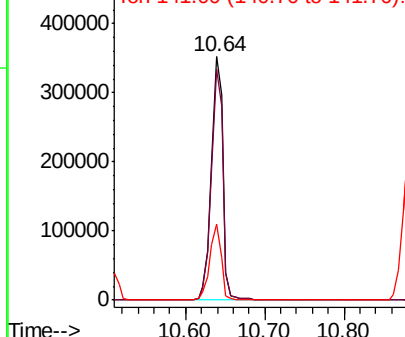
Lab File: BF120965.D

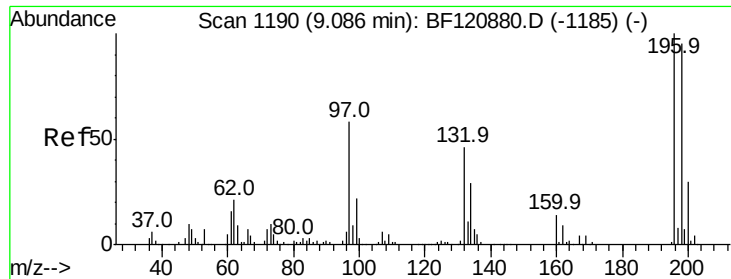
Acq: 22 Jul 2020 15:22

Tgt Ion:	330	Resp:	357354
Ion Ratio	Lower	Upper	
330	100		
332	94.7	75.5	113.3
141	30.8	25.7	38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





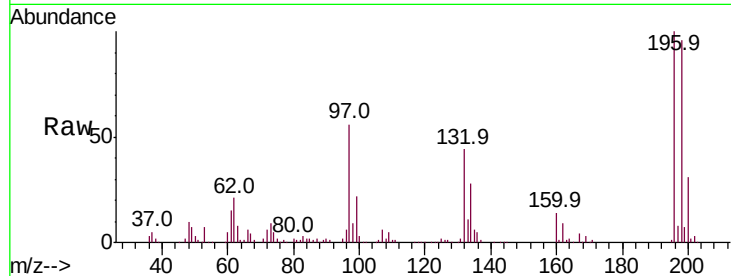
#43
 2,4,6-Trichlorophenol
 Concen: 39.624 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampled :
 PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244151		
198	96.4	75.7	113.5	
200	31.4	24.4	36.6	

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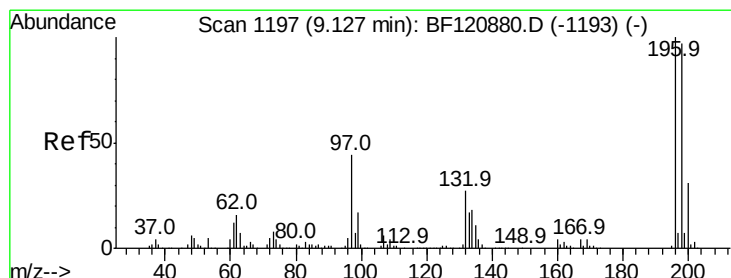
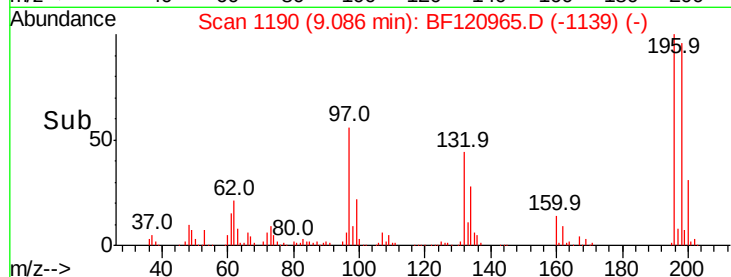
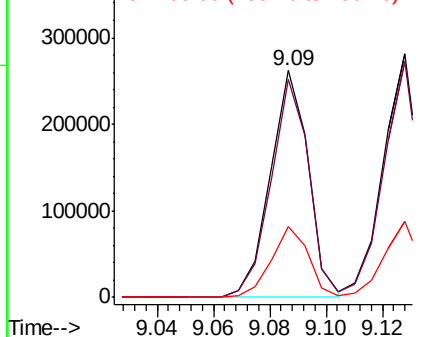


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.228 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260199		
198	97.0	77.6	116.4	
97	47.1	35.6	53.4	
132	28.0	21.5	32.3	

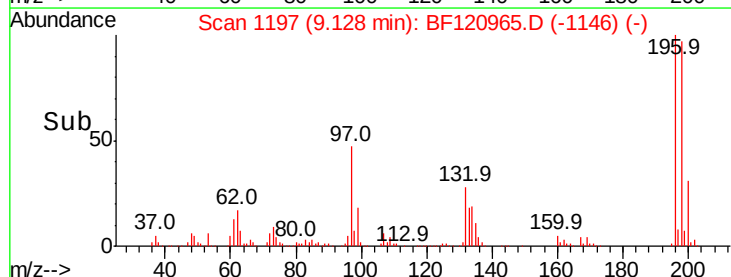
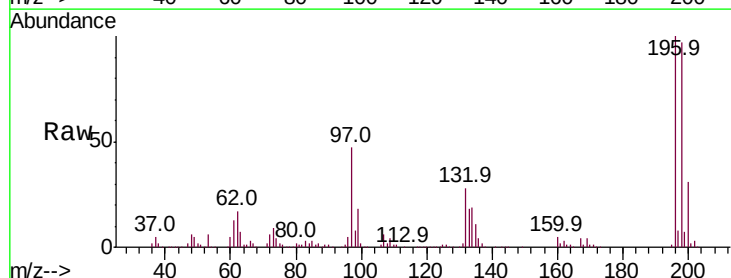
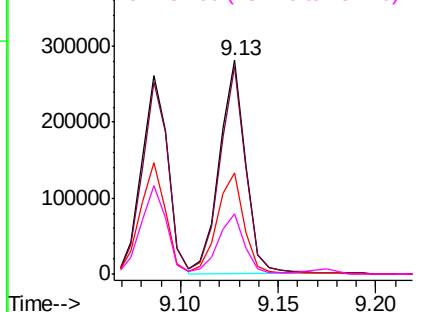
Abundance

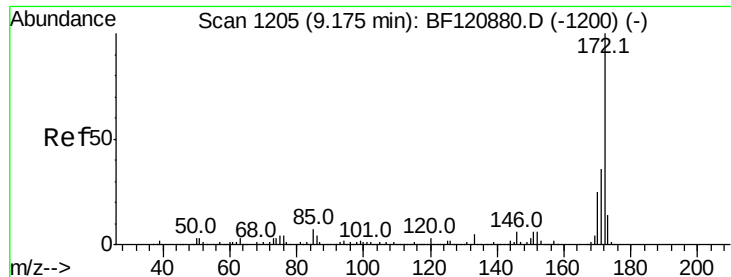
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





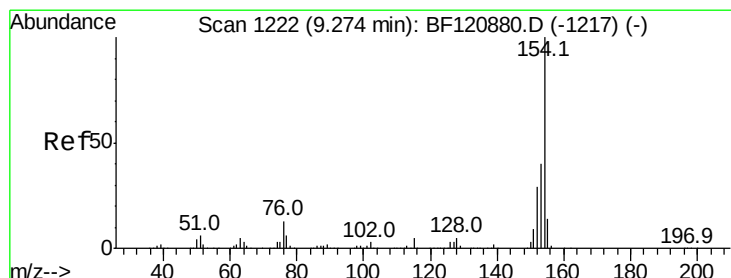
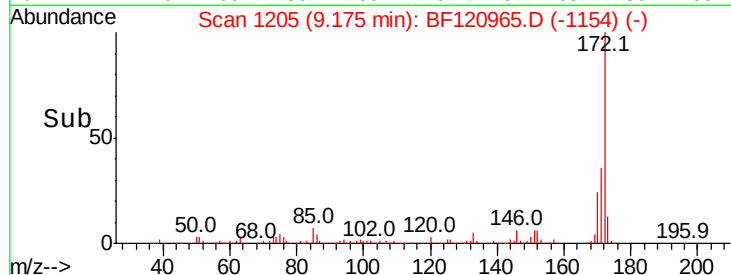
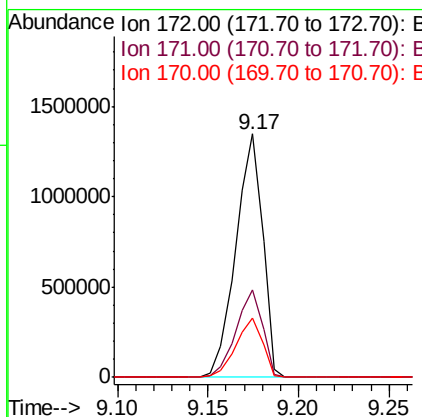
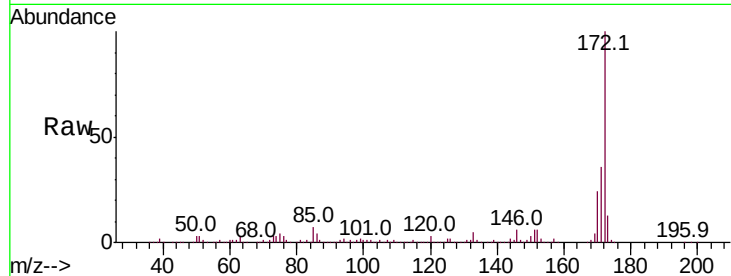
#45
2-Fluorobiphenyl
Concen: 68.791 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.5	19.6	29.4

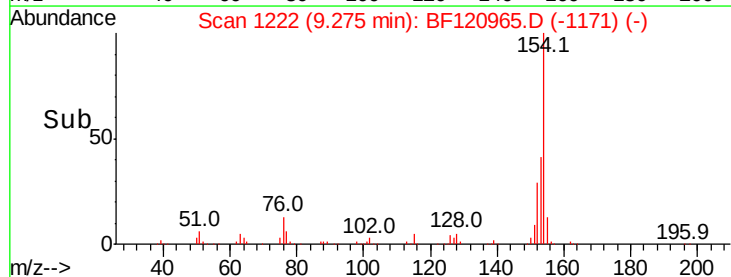
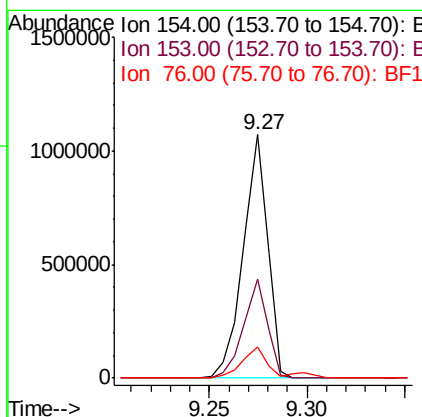
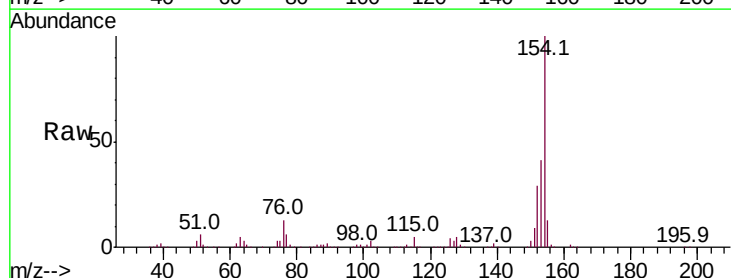
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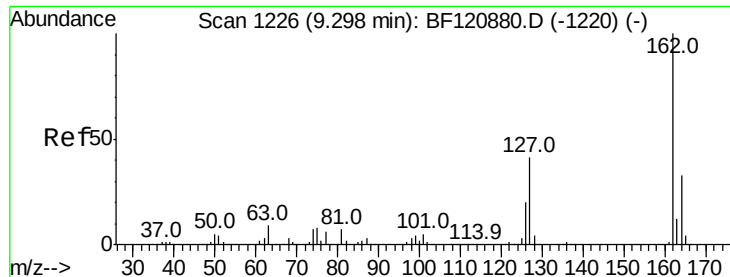
Sohil
7/24/2020 12:10:40 PM



#46
1,1'-Biphenyl
Concen: 40.742 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	12.5	0.0	33.1





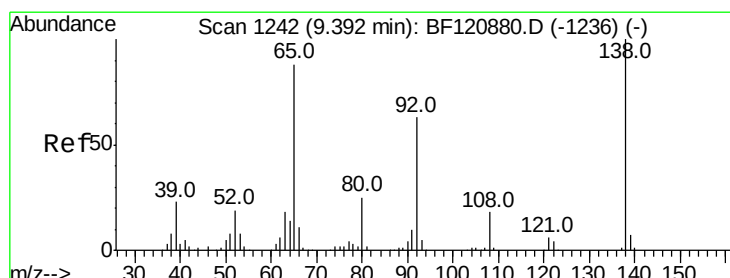
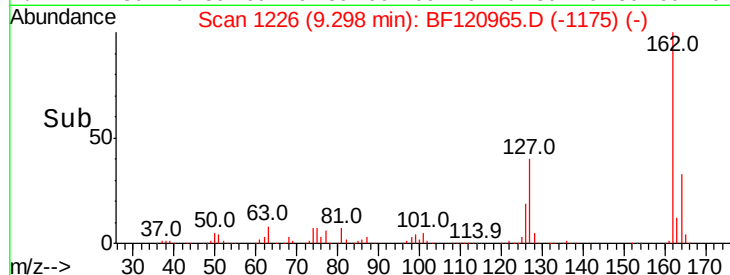
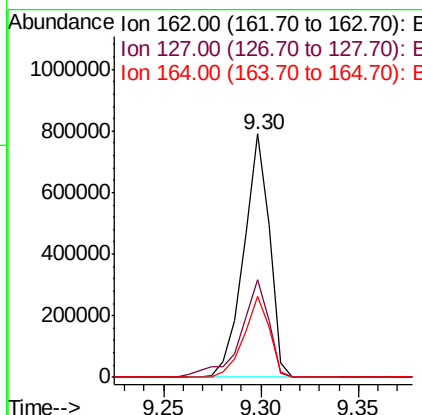
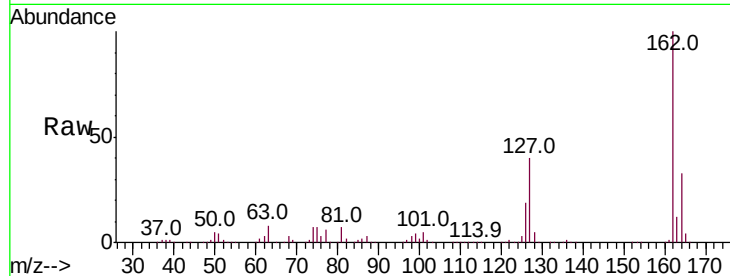
#47
 2-Chloronaphthalene
 Concen: 38.599 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.1		33.3	49.9	
164	33.3		26.6	39.8	

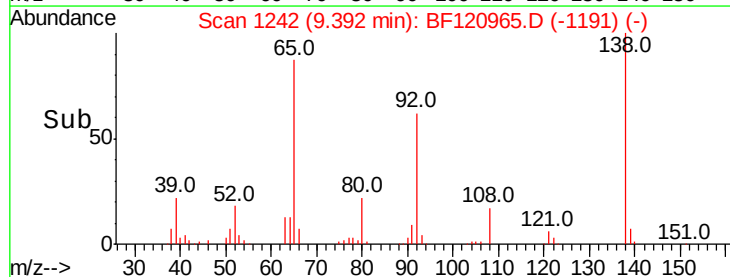
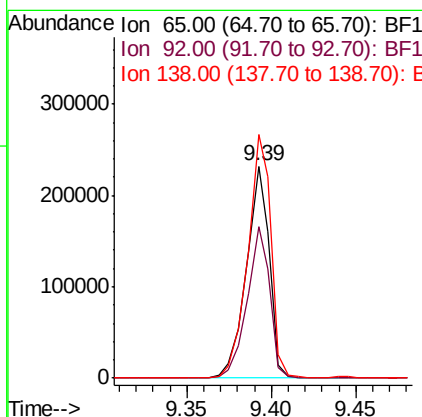
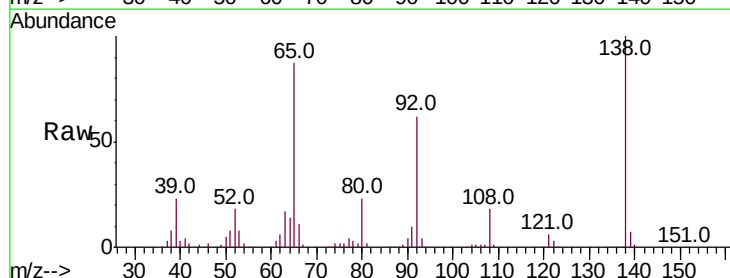
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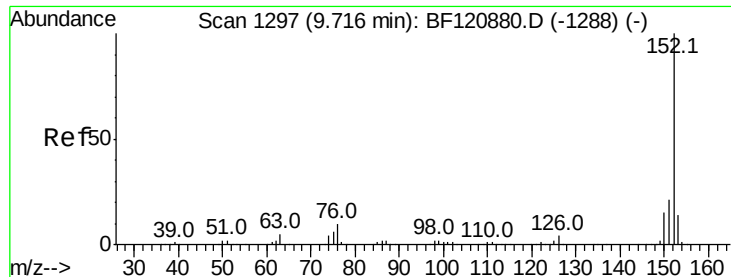
Sohil
 7/24/2020 12:10:40 PM



#48
 2-Nitroaniline
 Concen: 39.027 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.2		57.0	85.4	
138	114.7		90.4	135.6	





#49

Acenaphthylene

Concen: 39.651 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

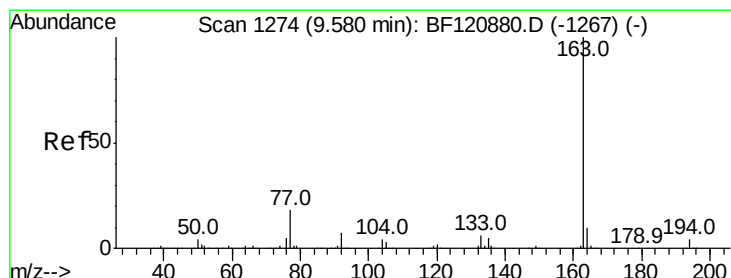
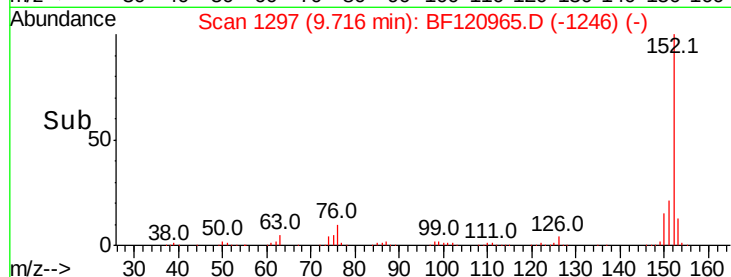
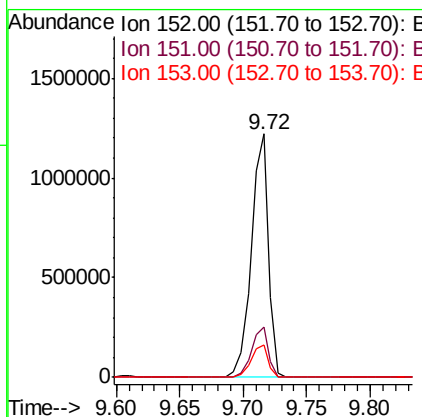
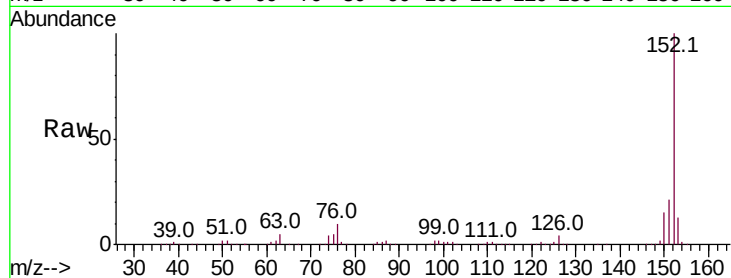
ClientSampleId :

PB130393BS

Tot Ion:	152	Resp:	1150642
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.6	25.0
153	13.3	10.9	16.3

Manual Integrations
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7/24/2020 12:10:40 PM



#50

Dimethylphthalate

Concen: 39.676 ng

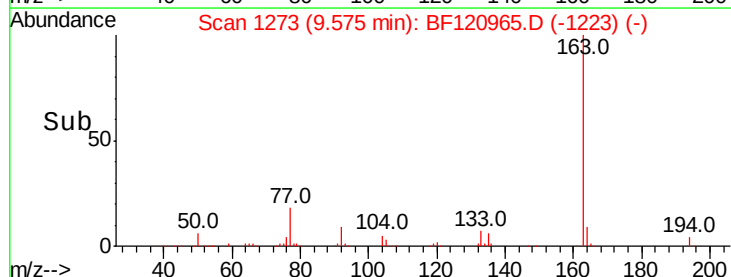
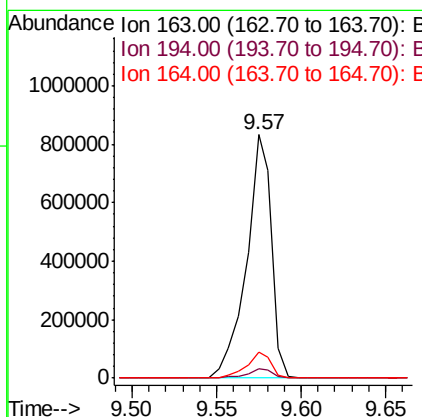
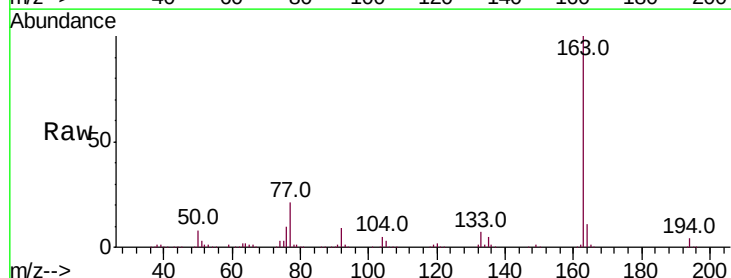
RT: 9.57 min Scan# 1273

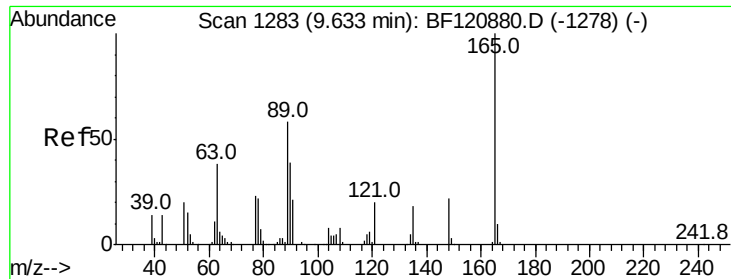
Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Tgt Ion:	163	Resp:	859753
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.6	7.9	11.9





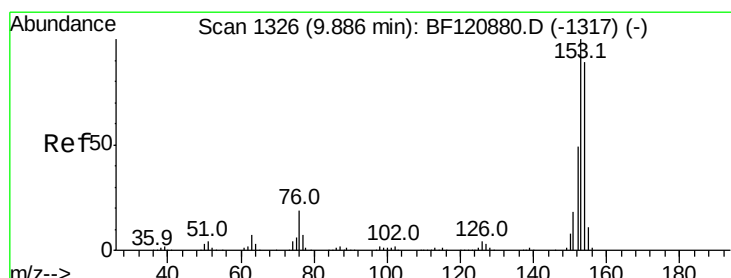
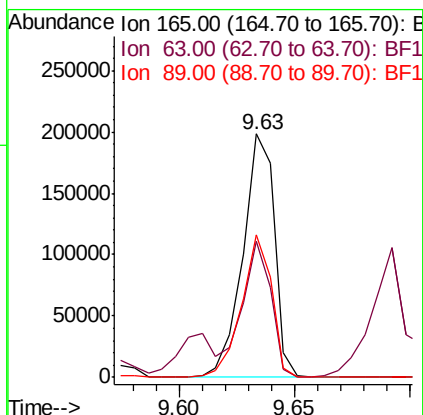
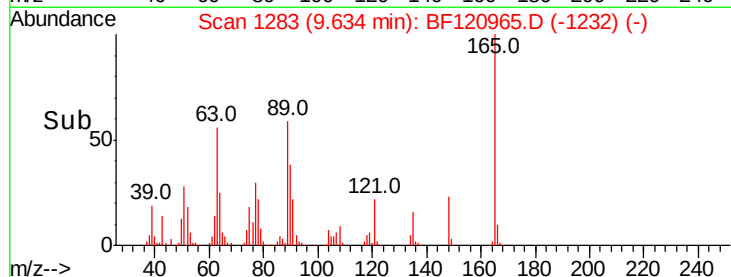
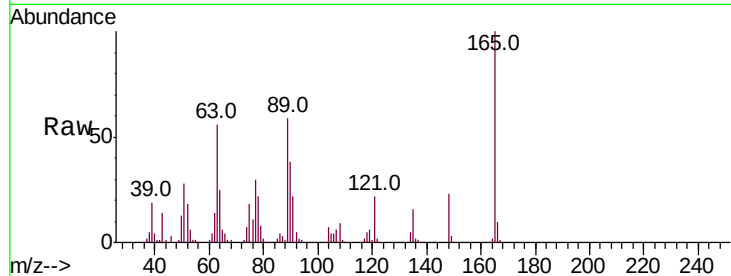
#51
2,6-Dinitrotoluene
Concen: 40.822 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampled :
PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	190042		
63	55.7	45.4	68.2	
89	58.6	47.0	70.4	

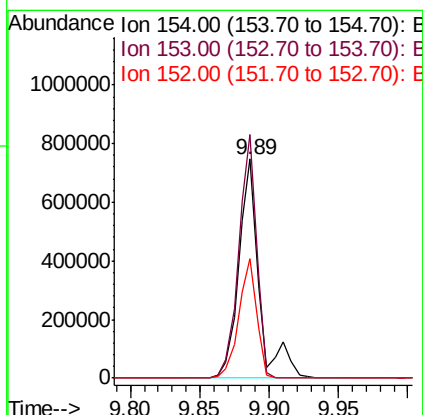
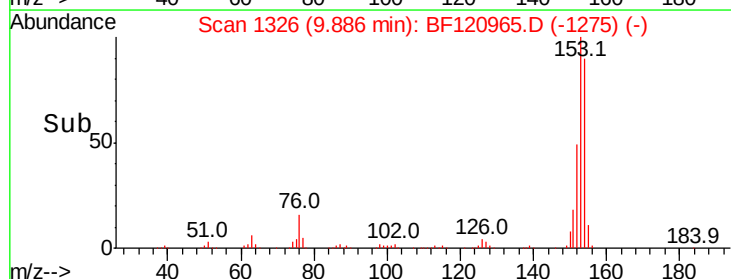
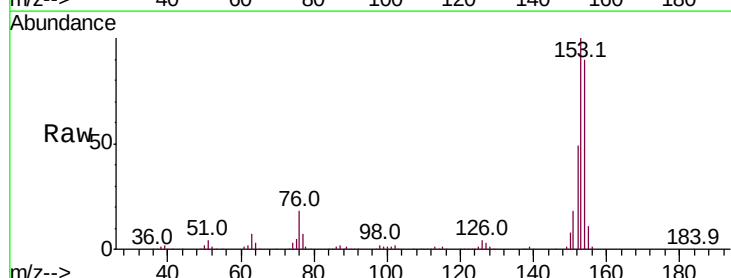
Manual Integrations
APPROVED

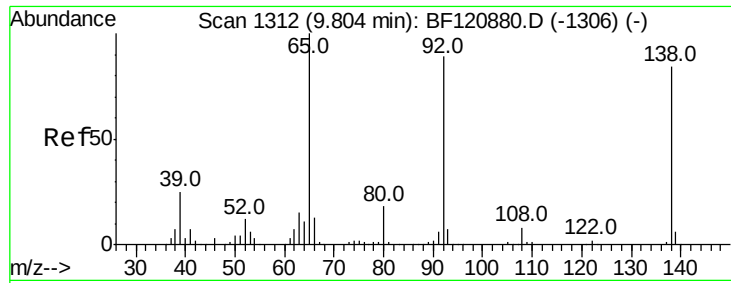
Sohil
7/24/2020 12:10:40 PM



#52
Acenaphthene
Concen: 41.737 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	770044		
153	111.3	89.5	134.3	
152	54.7	44.2	66.2	





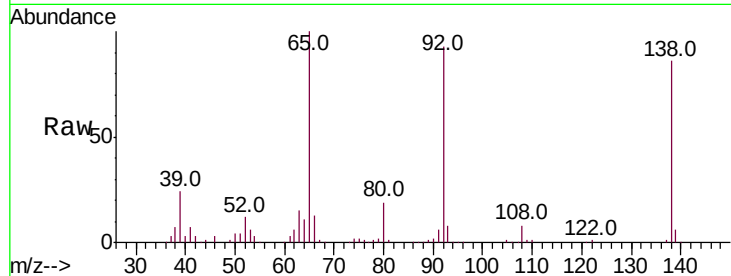
#53
 3-Nitroaniline
 Concen: 29.430 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	108.0	85.3	127.9

Manual Integrations
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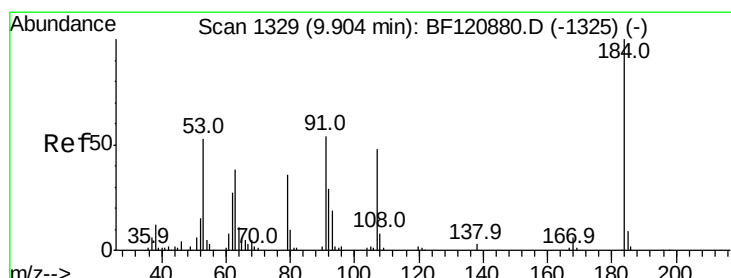
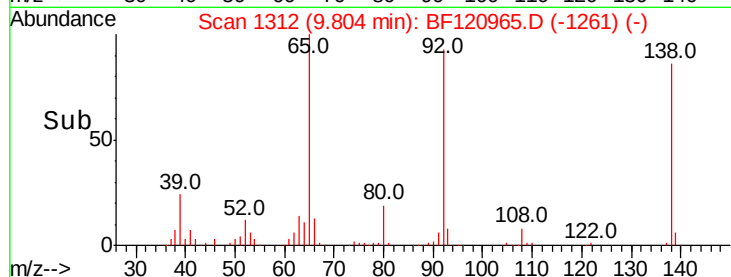
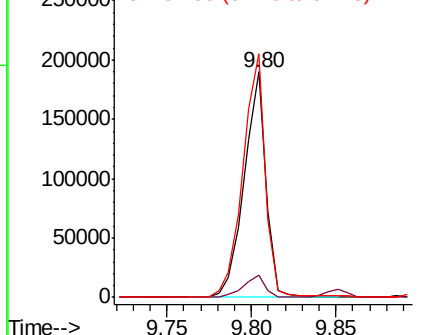


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 66.765 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

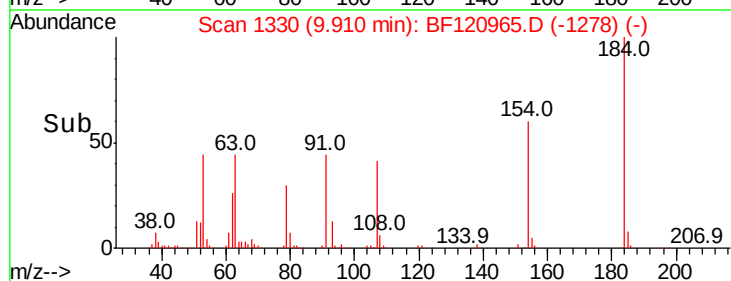
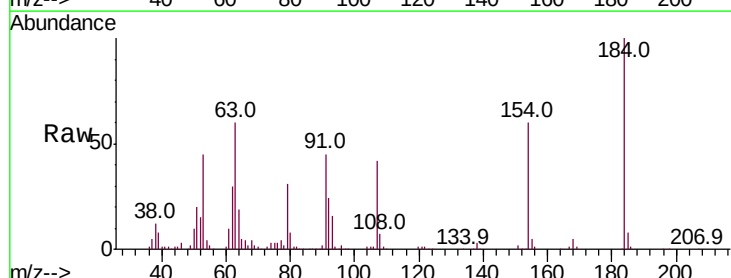
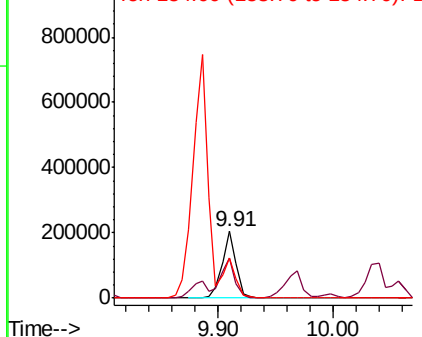
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.2	57.9	86.9
154	60.3	52.6	78.8

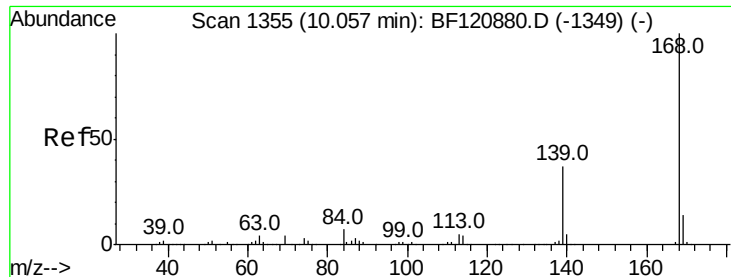
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





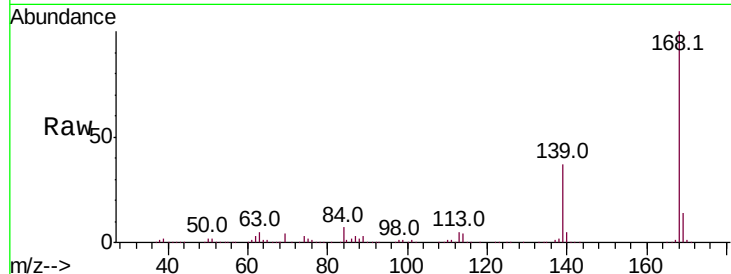
#55
Dibenzenofuran
Concen: 38.418 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampled :
PB130393BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.7	44.5
169	13.8	11.1	16.7

Manual Integrations
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7/24/2020 12:10:40 PM

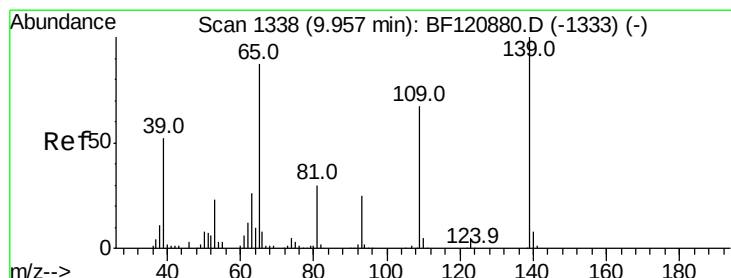
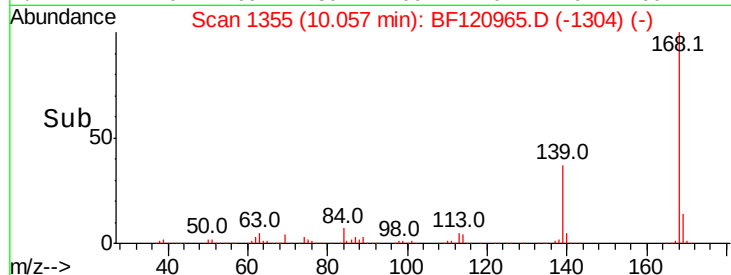
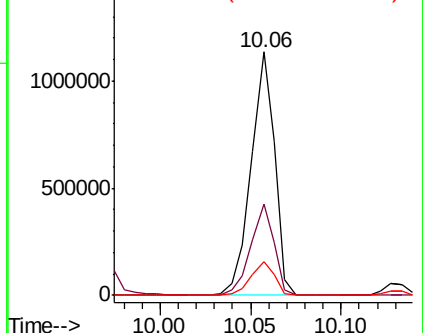


Abundance

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: 73.539 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

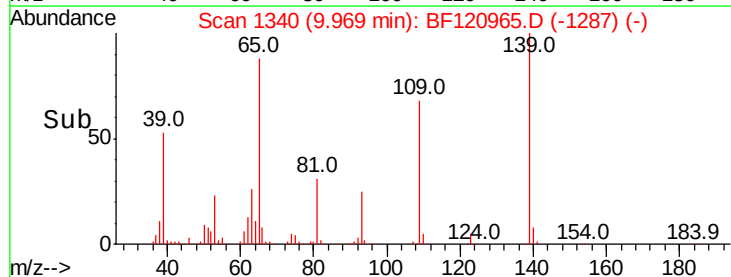
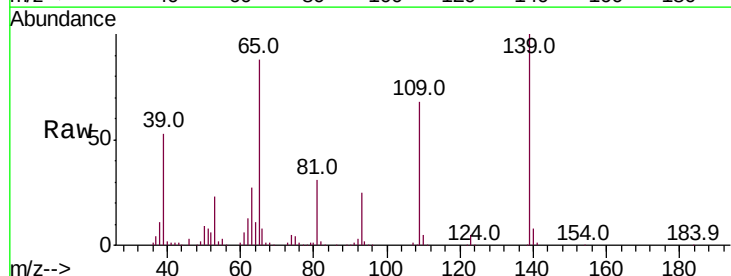
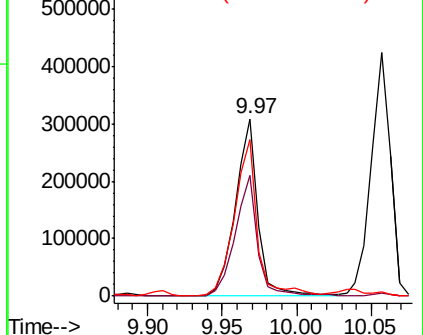
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	47.3	87.3
65	87.9	67.2	107.2

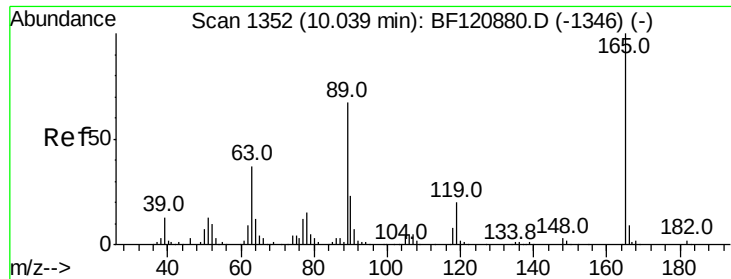
Abundance

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: 41.503 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

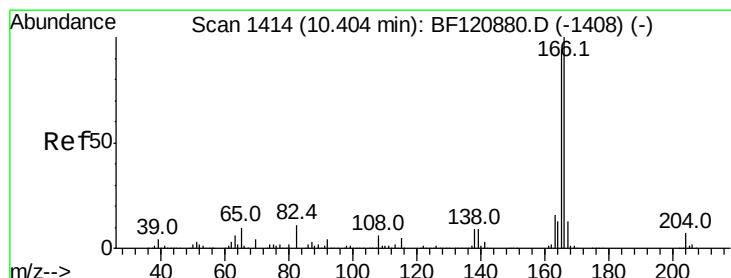
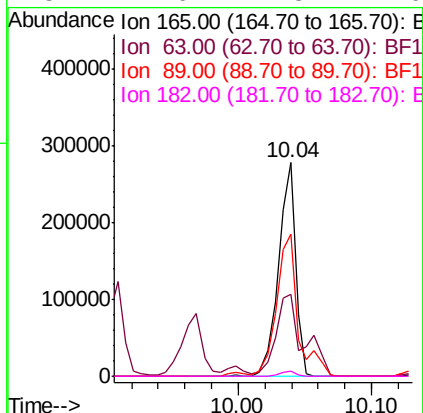
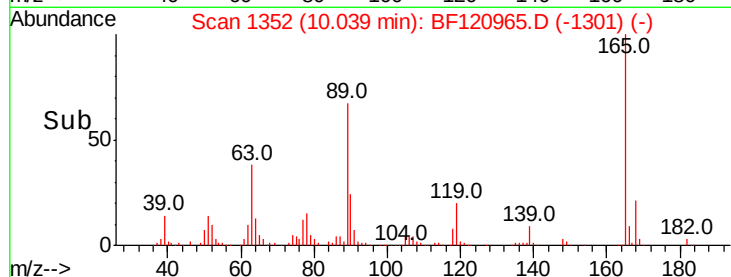
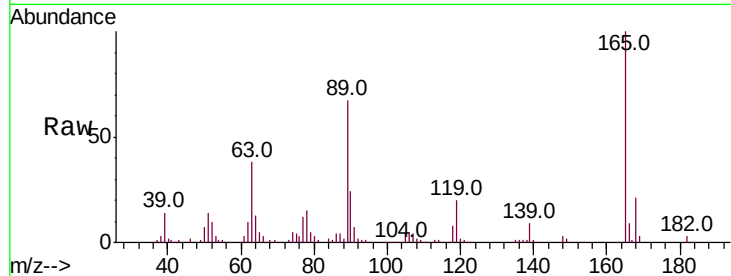
ClientSampleId :

PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253732		
63	38.3	29.4	44.2	
89	66.8	53.4	80.0	
182	2.6	1.8	2.6	

Manual Integrations
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Sohil
7/24/2020 12:10:40 PM



#58

Fluorene

Concen: 37.113 ng

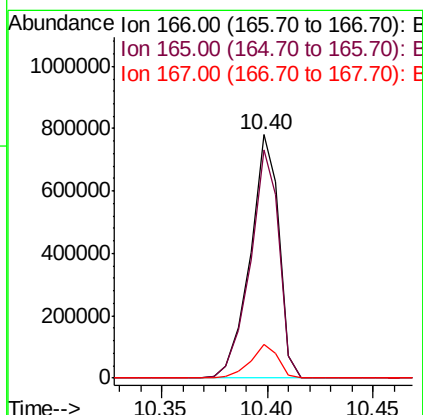
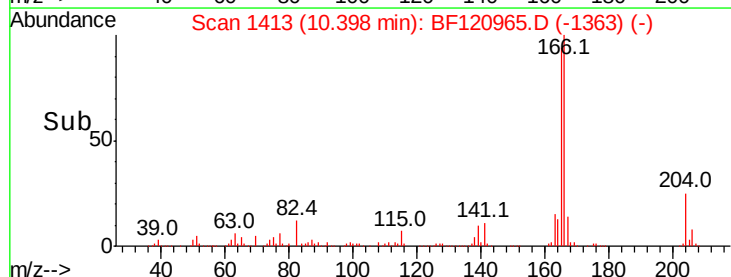
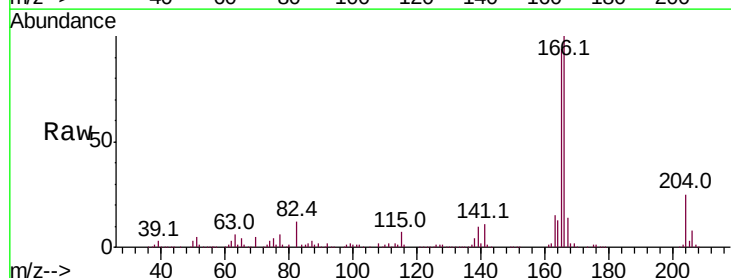
RT: 10.40 min Scan# 1413

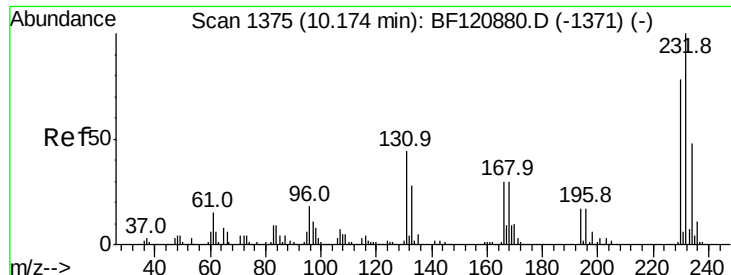
Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	738501		
165	93.9	75.4	113.0	
167	13.6	10.6	15.8	





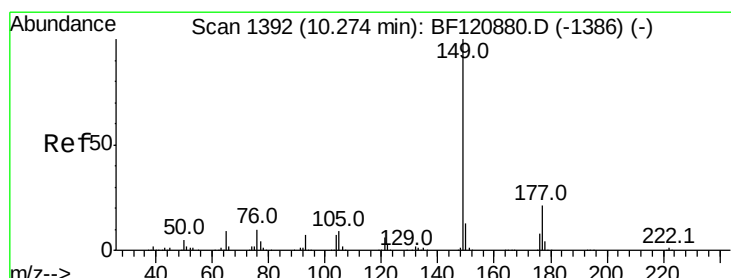
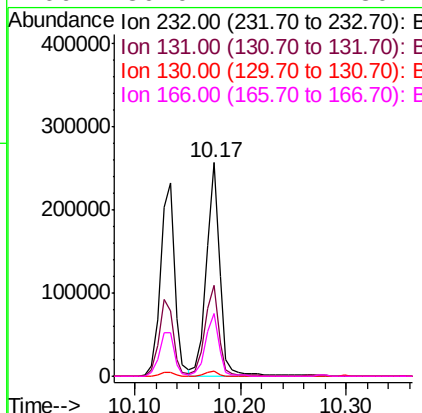
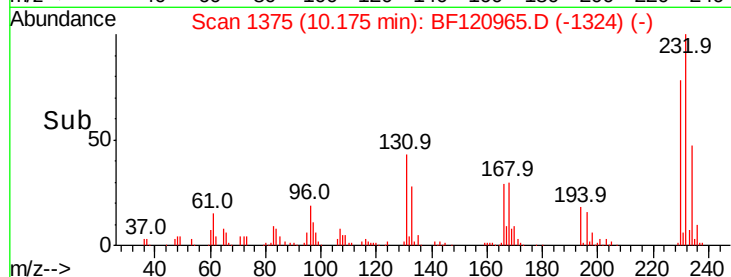
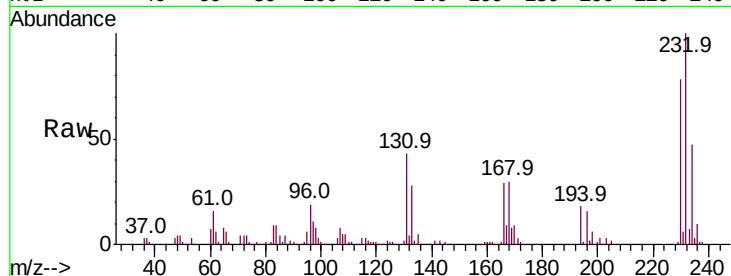
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.381 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	225533		
131	44.6	37.1	55.7	
130	2.2	1.7	2.5	
166	30.0	24.2	36.4	

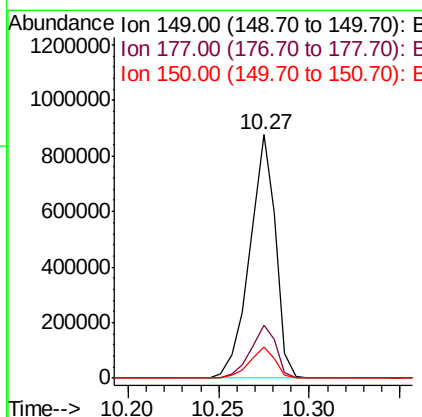
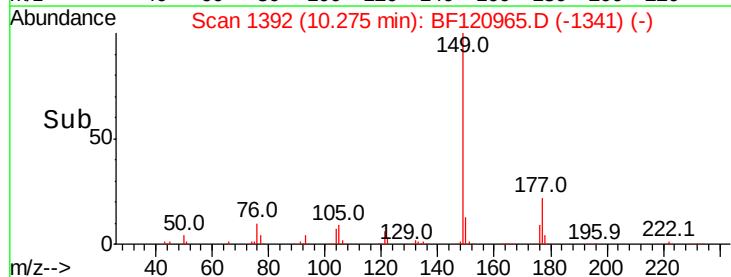
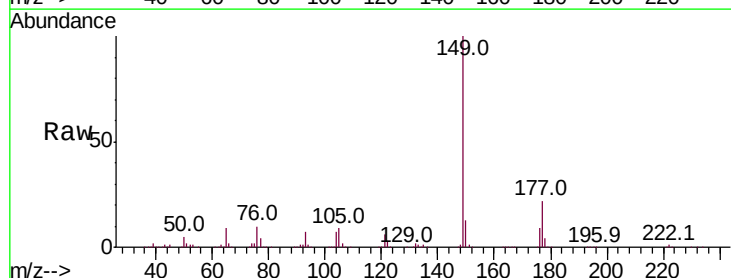
Manual Integrations
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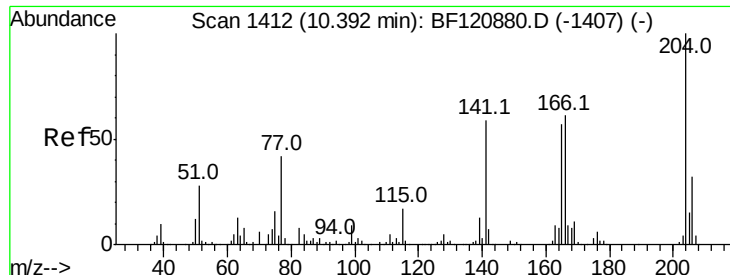
Sohil
 7/24/2020 12:10:40 PM



#60
 Diethylphthalate
 Concen: 39.401 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	863587		
177	21.8	17.1	25.7	
150	12.6	10.3	15.5	





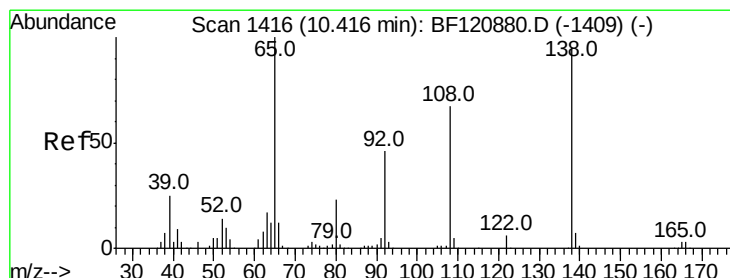
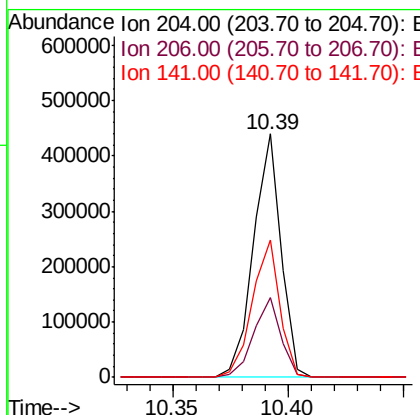
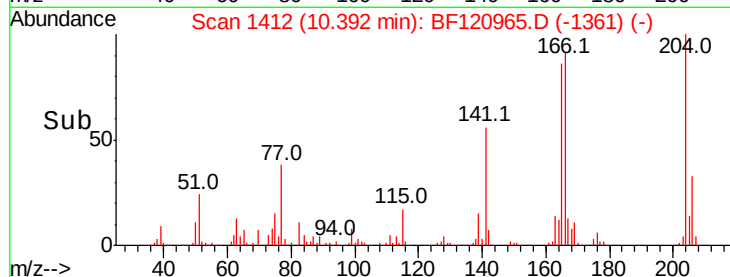
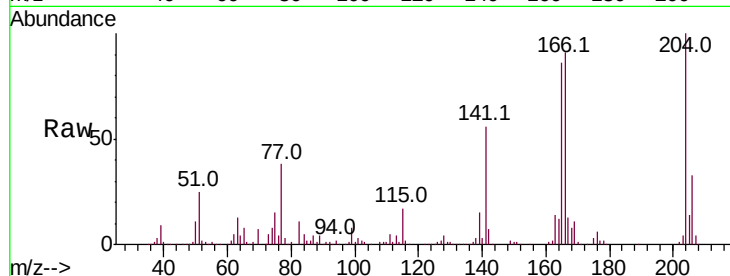
#61
4-Chlorophenyl-phenylether
Concen: 34.434 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	56.4	47.2	70.8

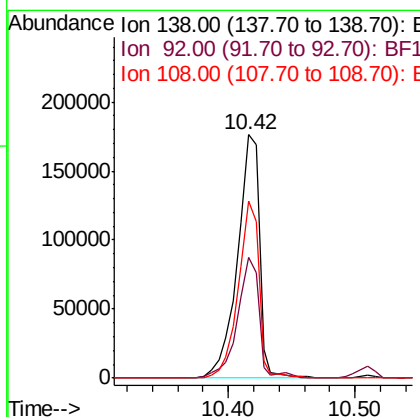
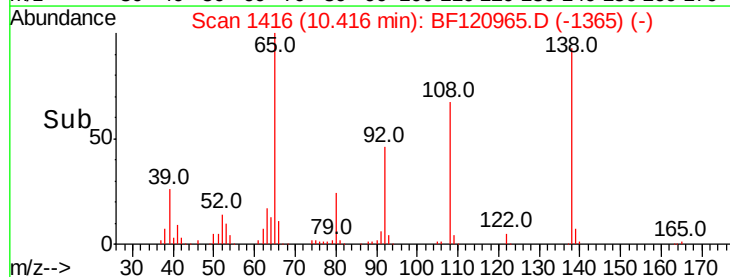
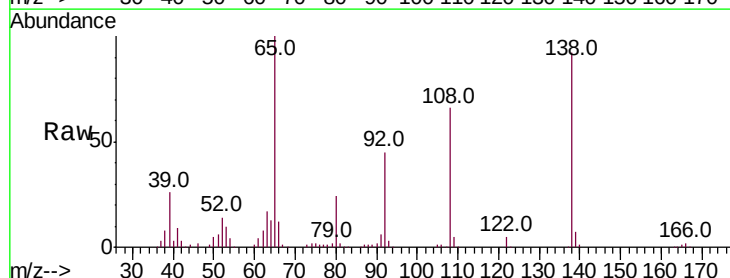
Manual Integrations
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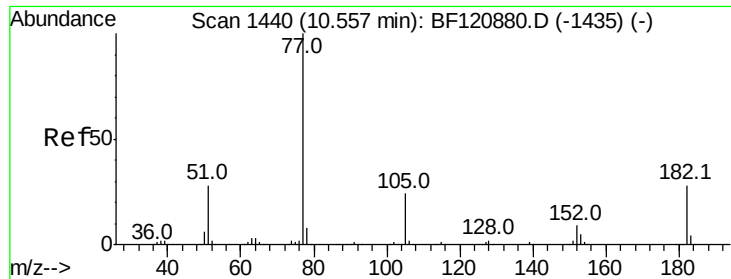
Sohil
7/24/2020 12:10:40 PM



#62
4-Nitroaniline
Concen: 37.076 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	28.6	68.6
108	72.5	51.1	91.1





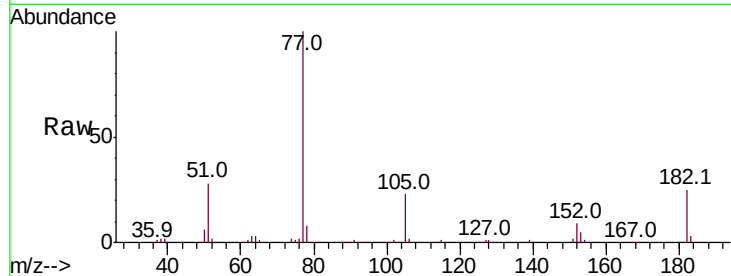
#63
Azobenzene
Concen: 39.388 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	7.8	47.8
105	23.5	4.4	44.4
51	28.2	8.0	48.0

Manual Integrations
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Sohil
7/24/2020 12:10:40 PM



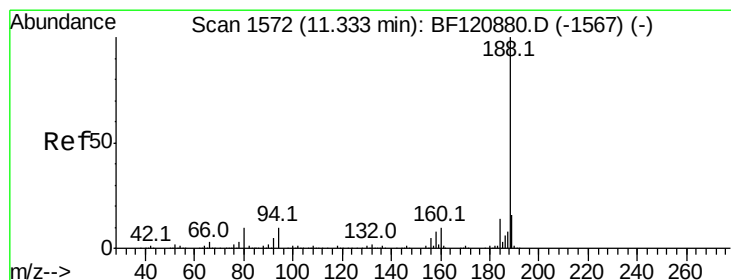
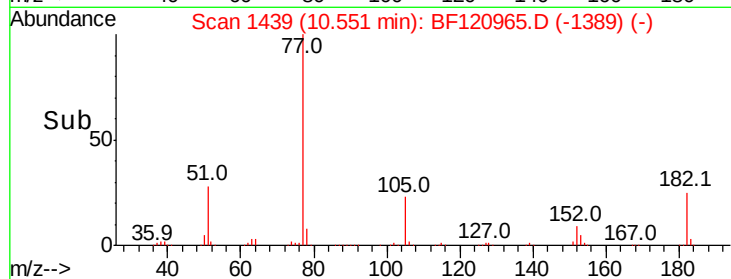
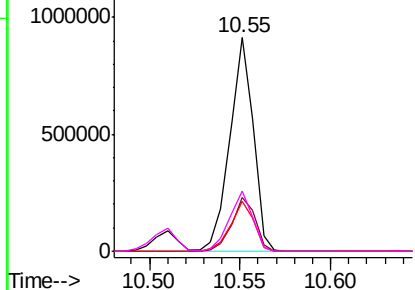
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

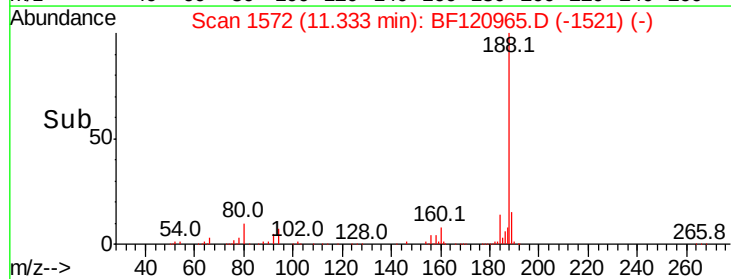
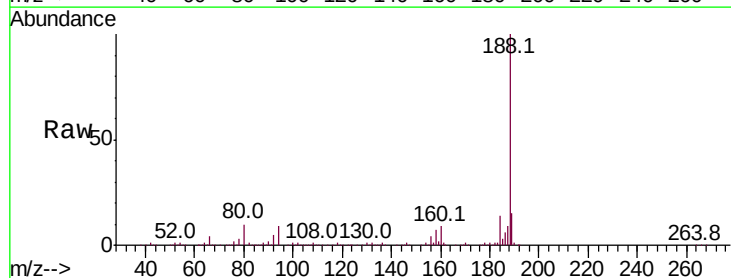
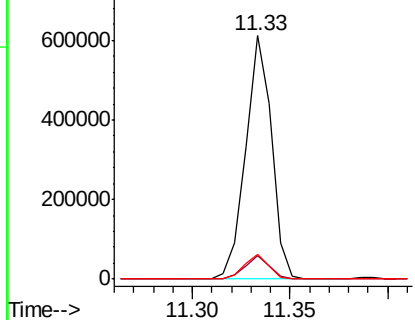
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.0	8.3	12.5

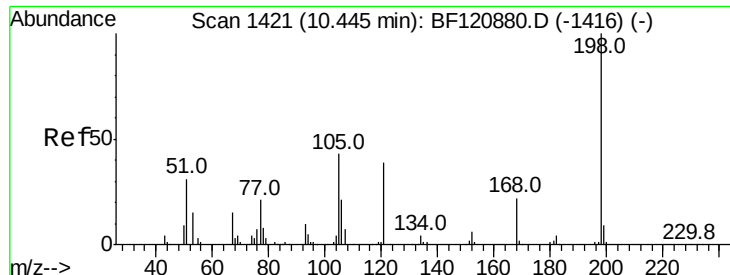
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





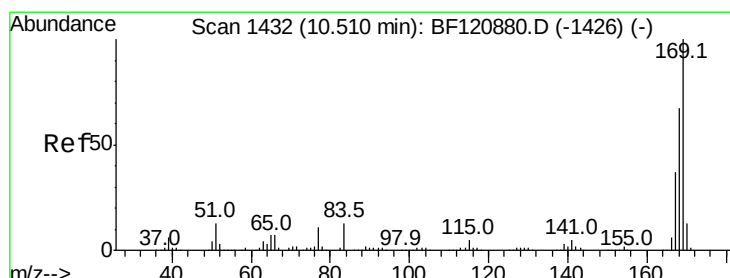
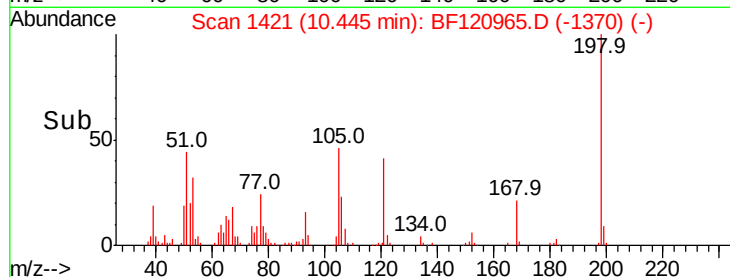
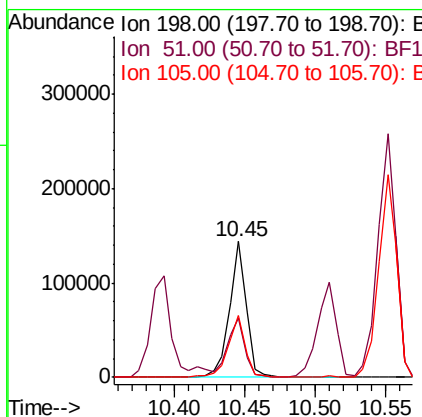
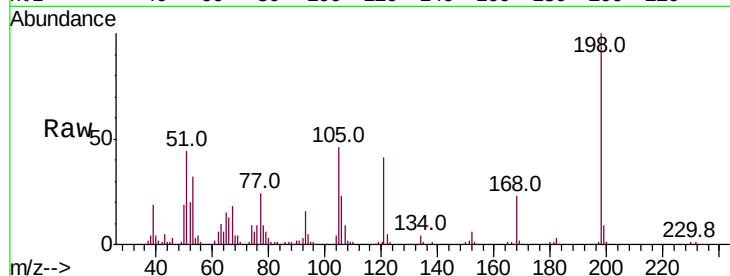
#65
4,6-Dinitro-2-methylphenol
Concen: 37.640 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	19.5	59.5
105	45.5	24.4	64.4

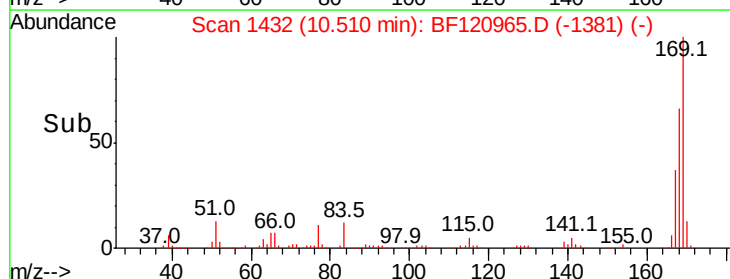
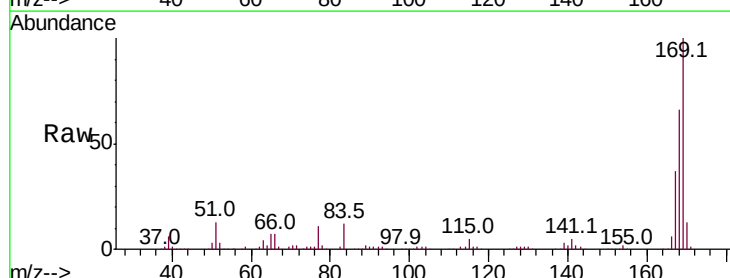
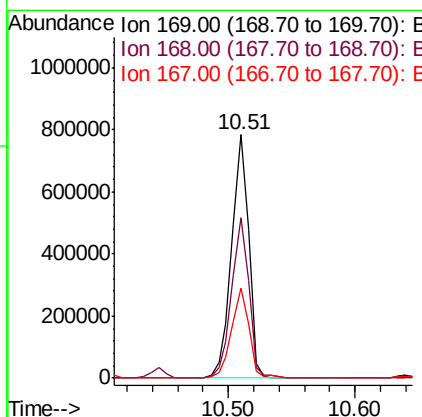
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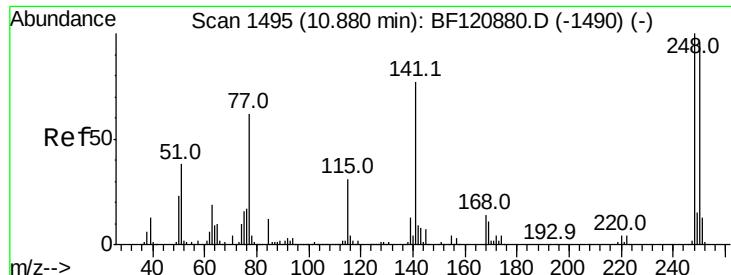
Sohil
7/24/2020 12:10:40 PM



#66
n-Nitrosodiphenylamine
Concen: 40.804 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.0
167	37.0	29.4	44.0





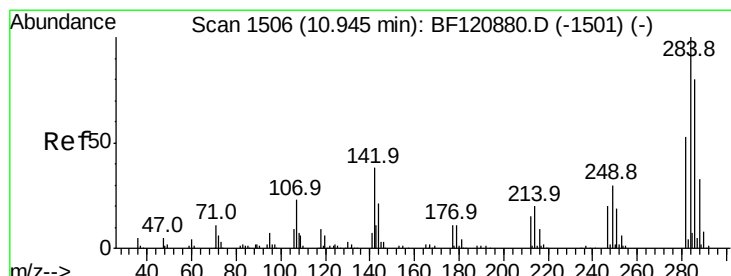
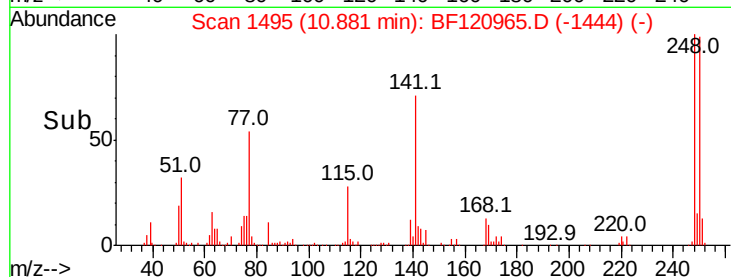
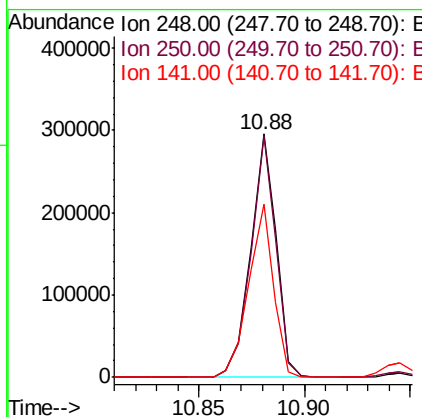
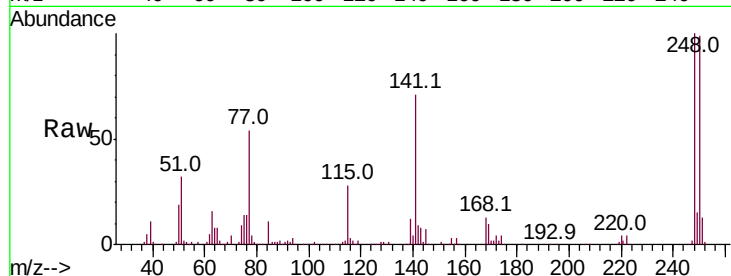
#67
 4-Bromophenyl-phenylether
 Concen: 39.663 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion:	248	Resp:	249563
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.1	115.7
141	71.1	61.2	91.8

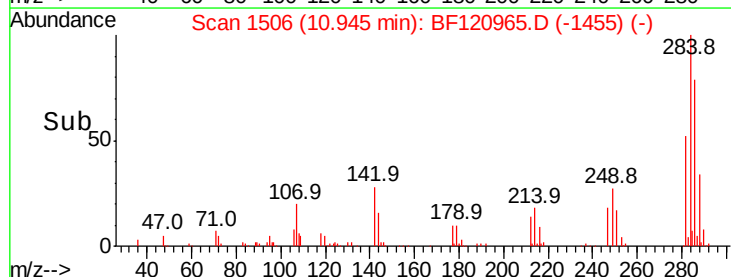
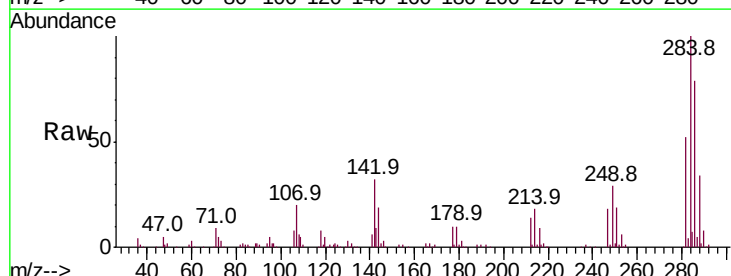
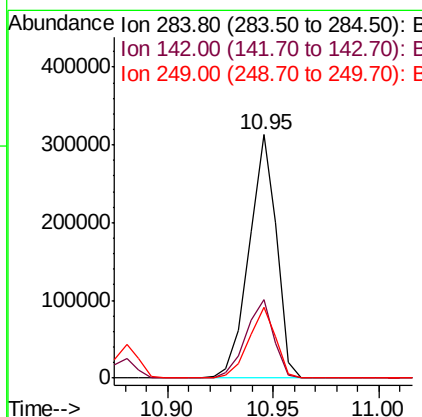
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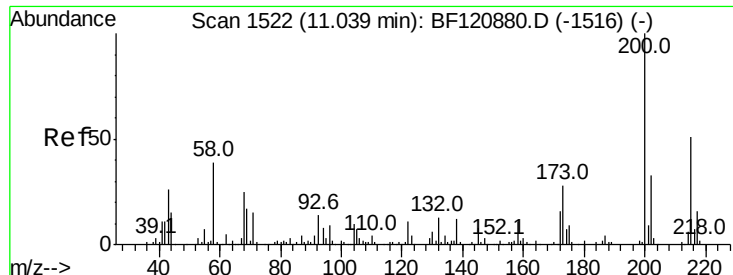
Sohil
 7/24/2020 12:10:40 PM



#68
 Hexachlorobenzene
 Concen: 41.352 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:	284	Resp:	281459
Ion Ratio	Lower	Upper	
284	100		
142	32.3	30.2	45.2
249	28.9	24.2	36.2





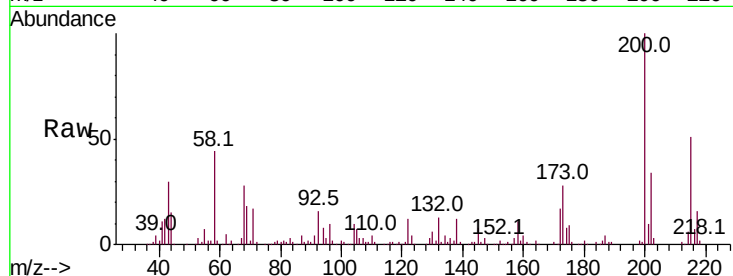
#69
Atrazine
Concen: 46.900 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	8.0	48.0
215	51.4	31.5	71.5

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7/24/2020 12:10:40 PM

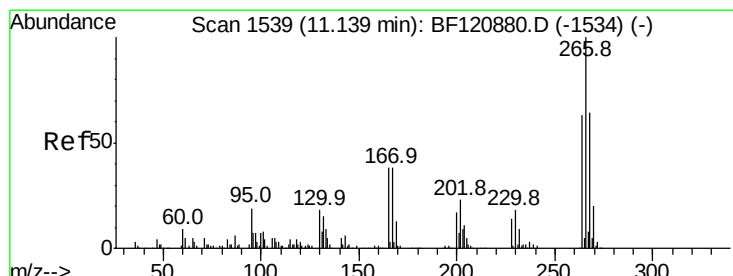
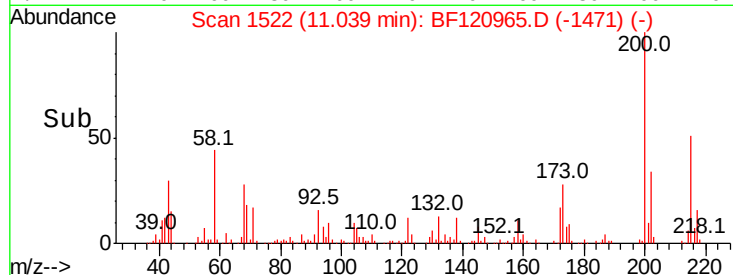
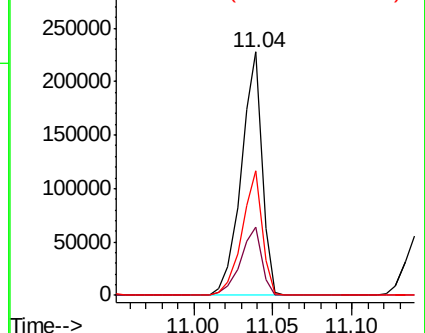


Abundance

Ion 200.00 (199.70 to 200.70): E

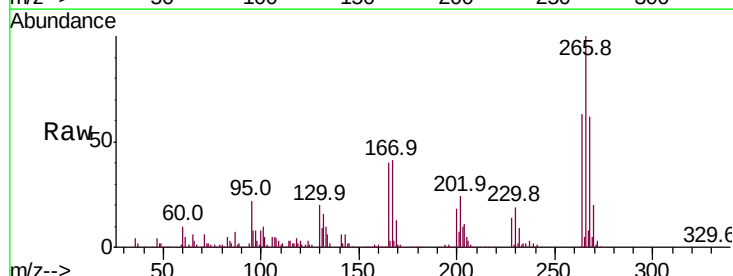
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.361 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.6	50.2	75.2

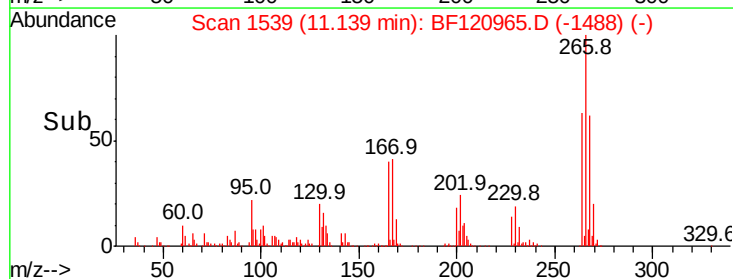
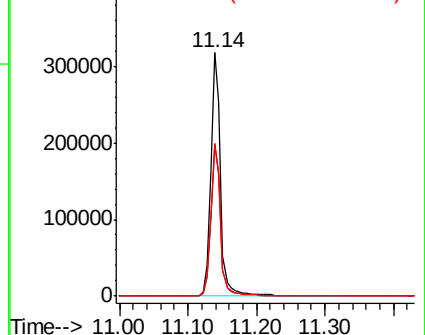


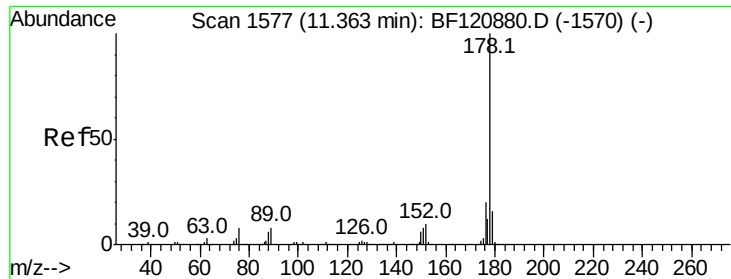
Abundance

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: 39.254 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB130393BS

Tot Ion:178 Resp: 1139344

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

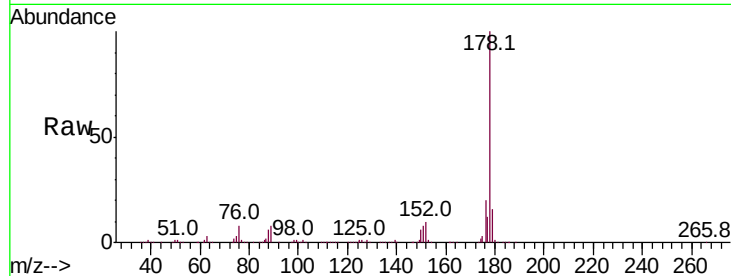
179 15.8 12.8 19.2

Manual Integrations

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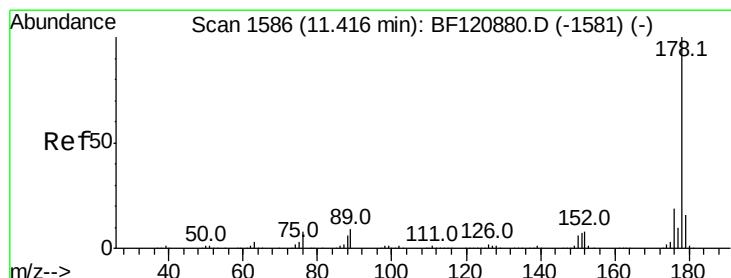
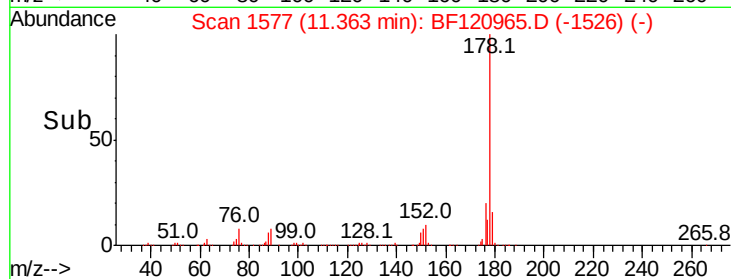
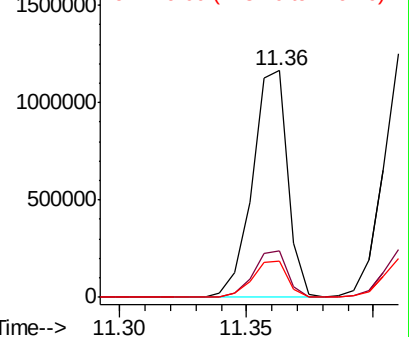
7/24/2020 12:10:40 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.279 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

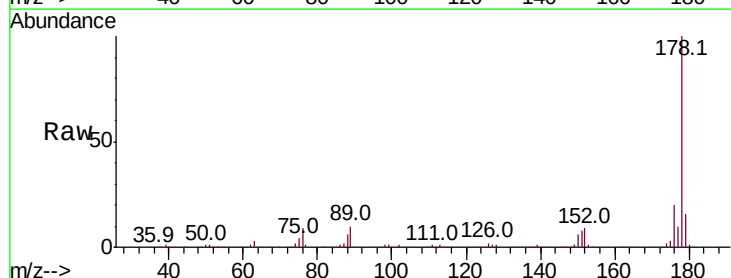
Tgt Ion:178 Resp: 1203068

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

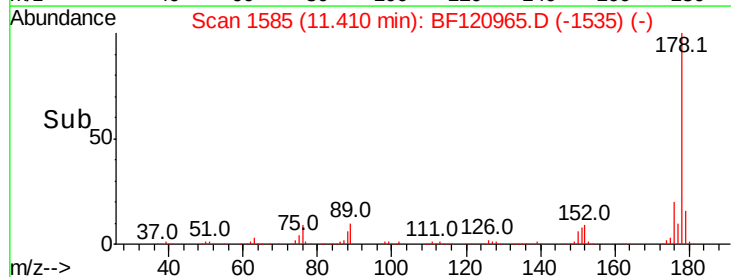
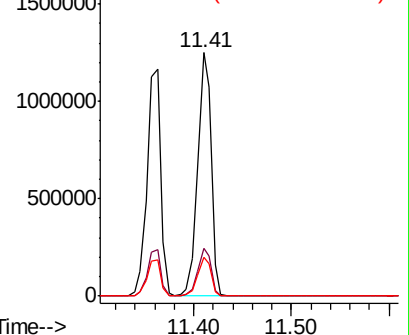
179 16.0 12.8 19.2

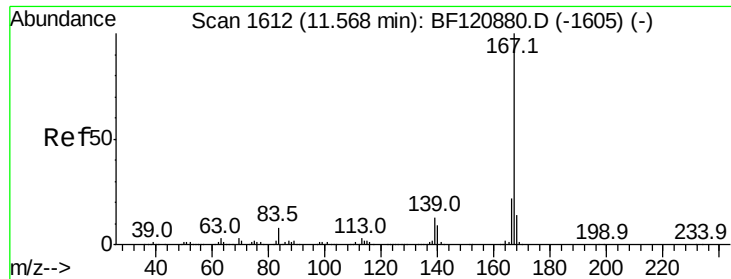


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





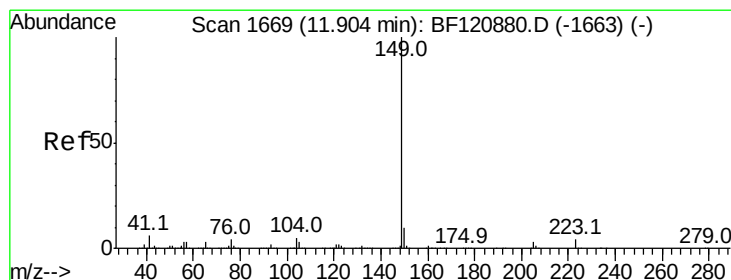
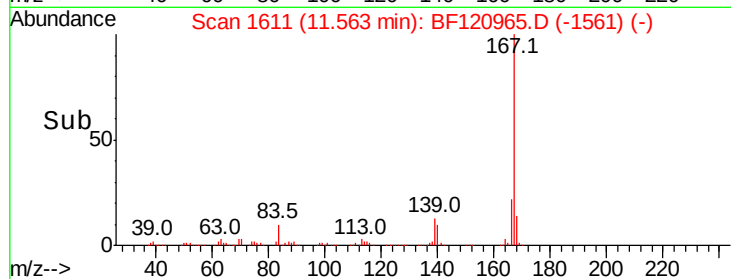
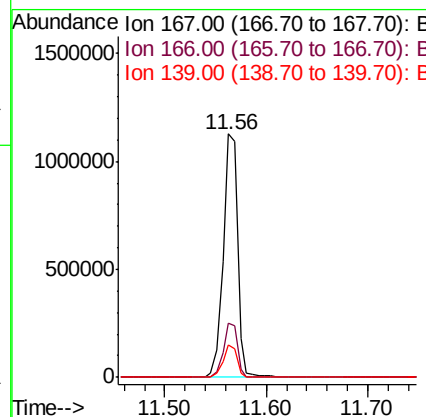
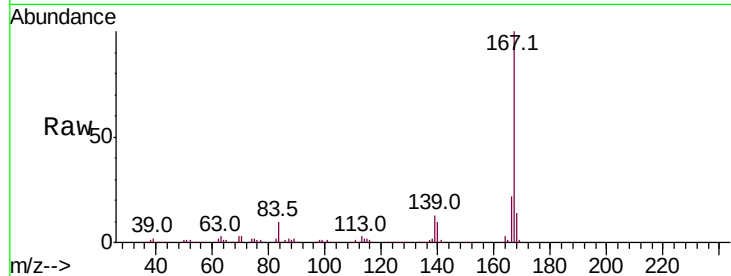
#73
 Carbazole
 Concen: 38.499 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.5	10.1	15.1

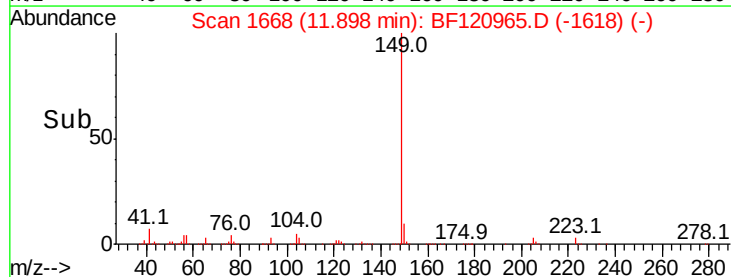
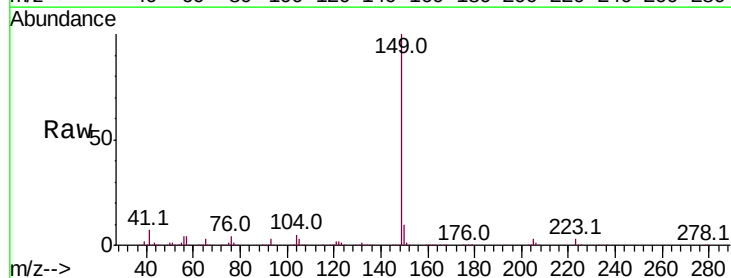
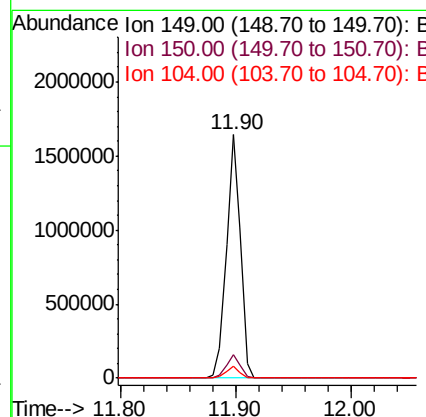
Manual Integrations
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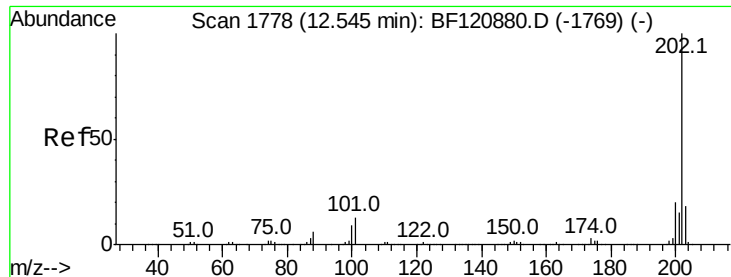
Sohil
 7/24/2020 12:10:40 PM



#74
 Di-n-butylphthalate
 Concen: 41.248 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.8	5.6





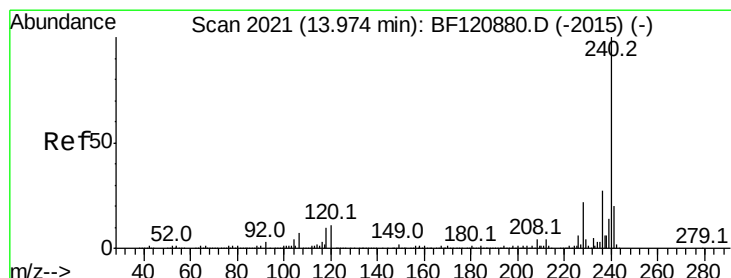
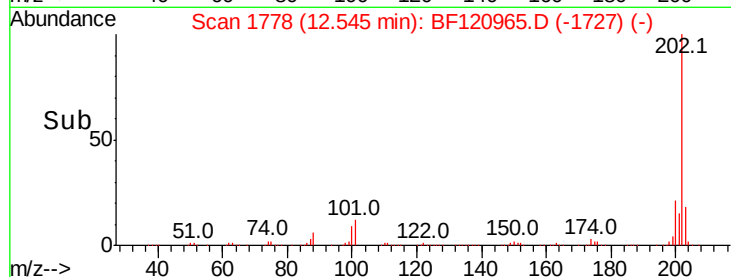
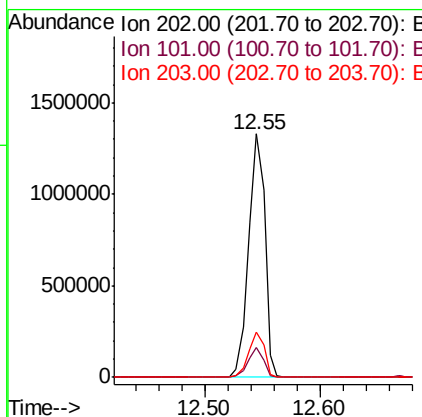
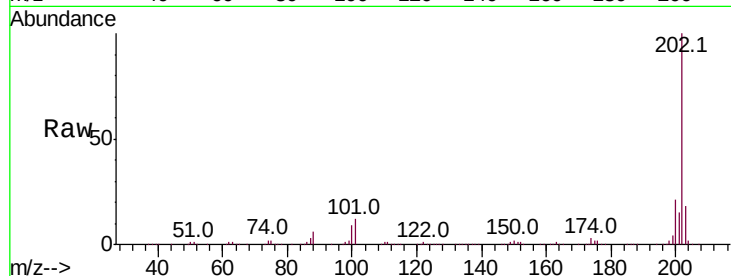
#75
Fluoranthene
 Concen: 40.222 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1294014		
101	12.1	0.0	32.7	
203	18.3	0.0	38.0	

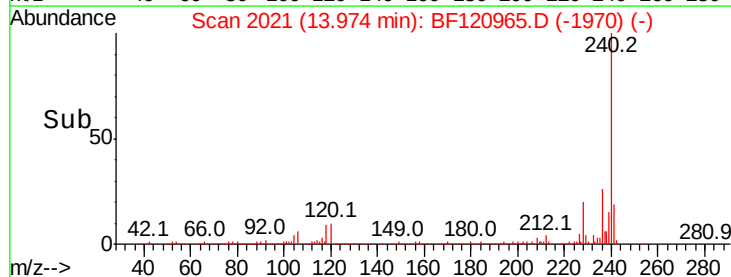
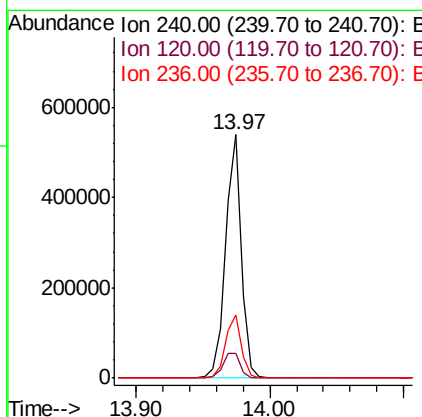
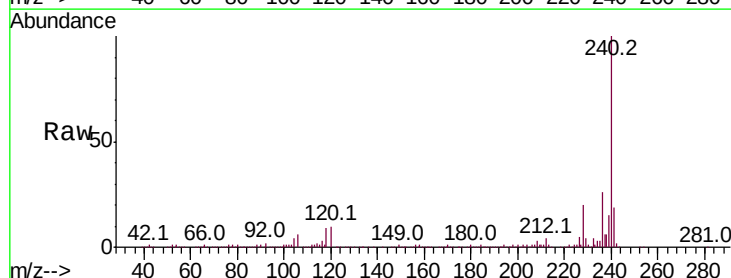
Manual Integrations
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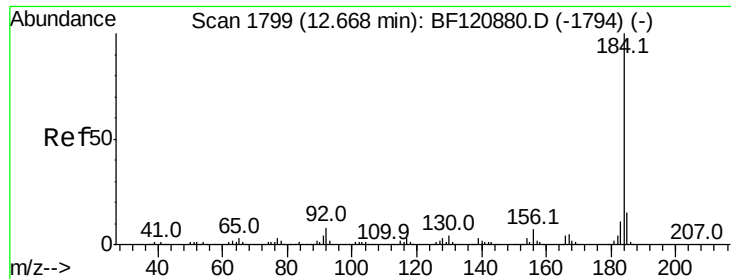
Sohil
 7/24/2020 12:10:40 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	450637		
120	10.0	9.0	13.4	
236	26.1	21.7	32.5	





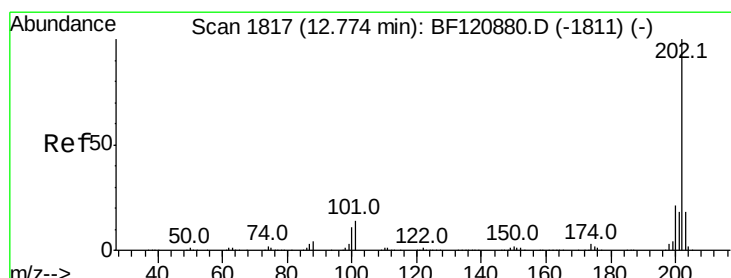
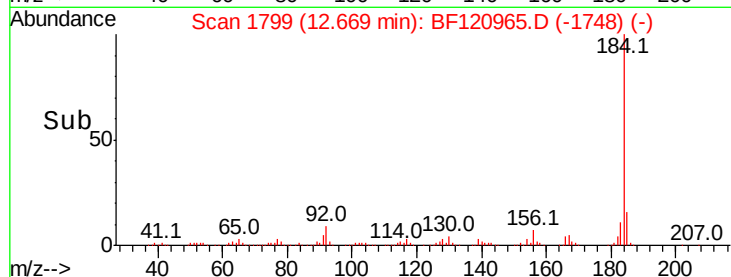
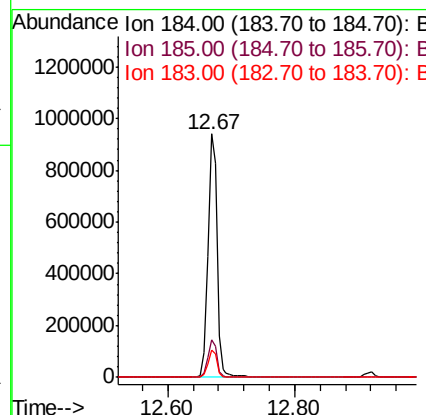
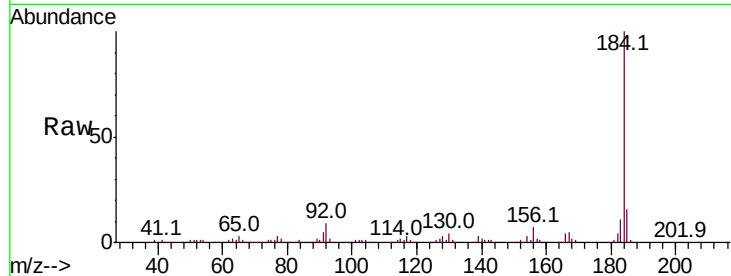
#77
Benzidine
Concen: 77.971 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.2
183	11.3	8.5	12.7

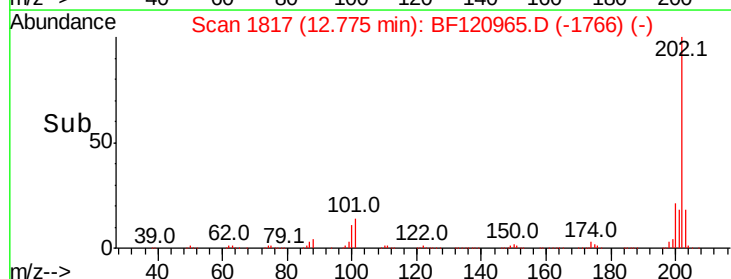
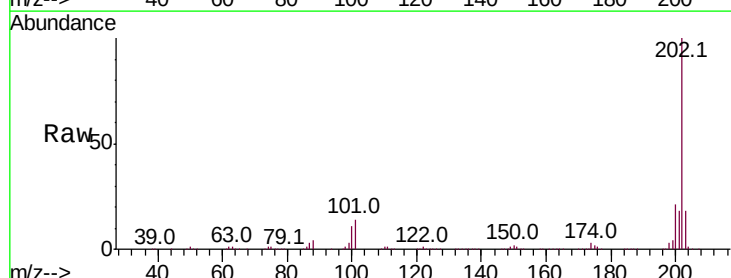
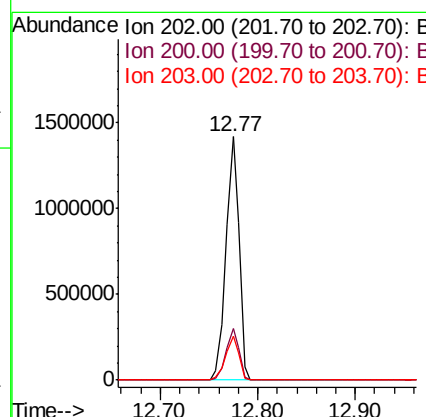
Manual Integrations
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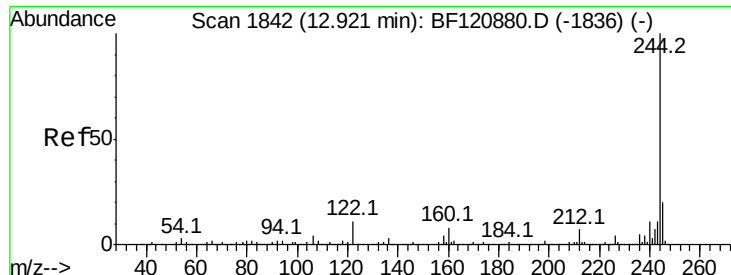
Sohil
7/24/2020 12:10:40 PM



#78
Pyrene
Concen: 41.409 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.0	14.4	21.6





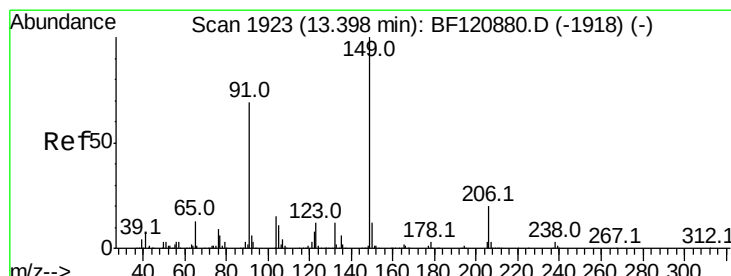
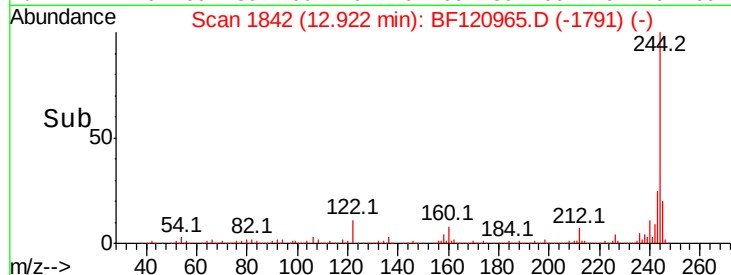
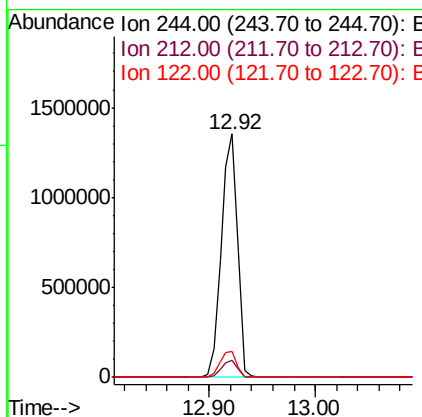
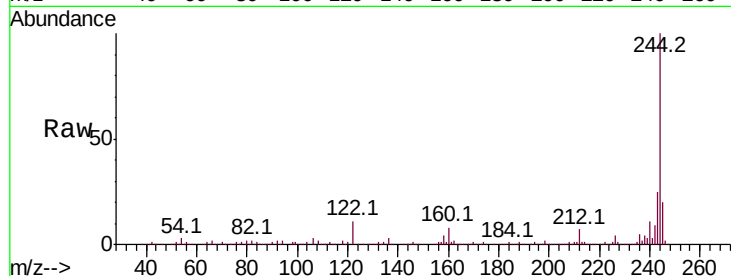
#79
 Terphenyl-d14
 Concen: 70.067 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BS

Tot Ion:244 Resp: 1452526
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.8 8.9 13.3

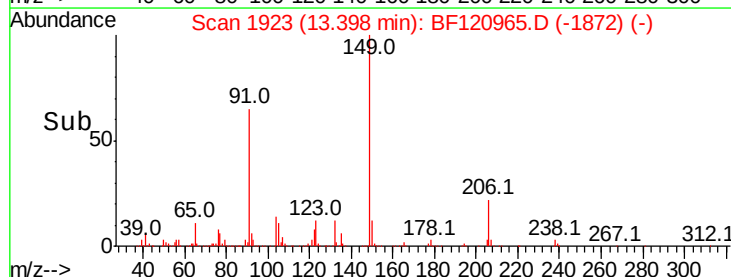
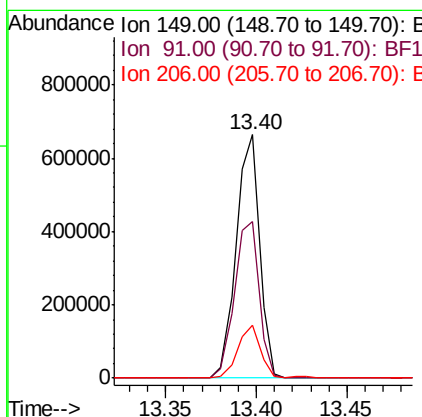
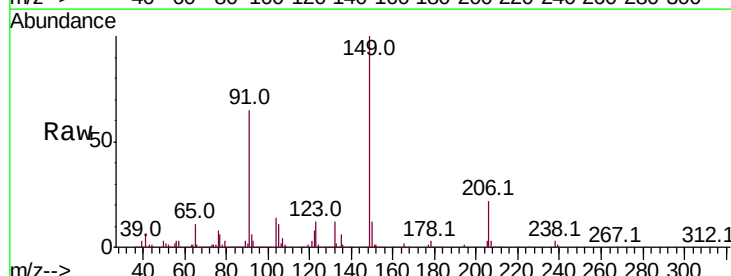
Manual Integrations
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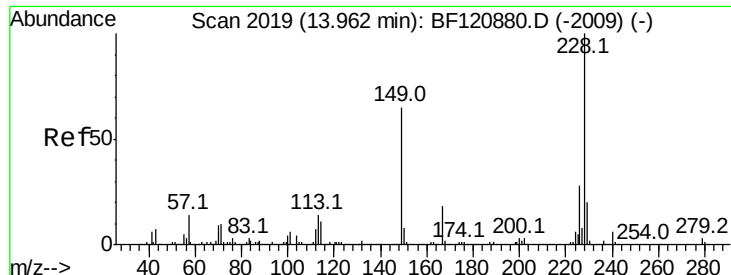
Sohil
 7/24/2020 12:10:40 PM



#80
 Butylbenzylphthalate
 Concen: 42.108 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:149 Resp: 598052
 Ion Ratio Lower Upper
 149 100
 91 64.5 55.1 82.7
 206 21.8 16.1 24.1





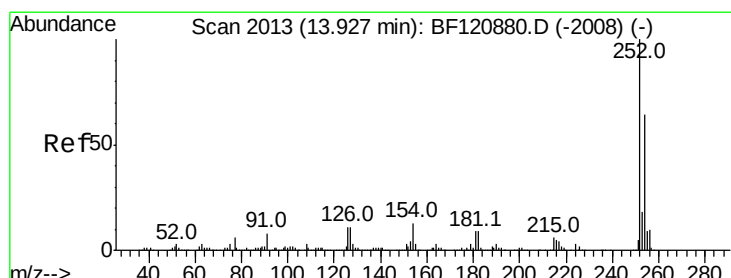
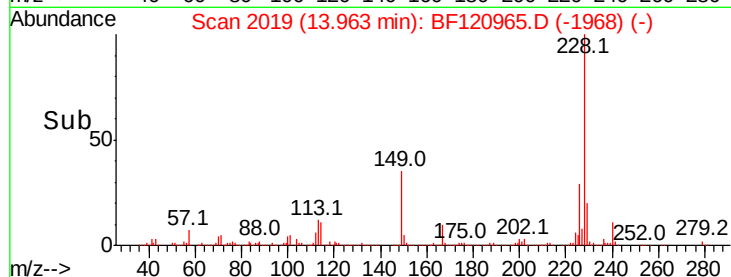
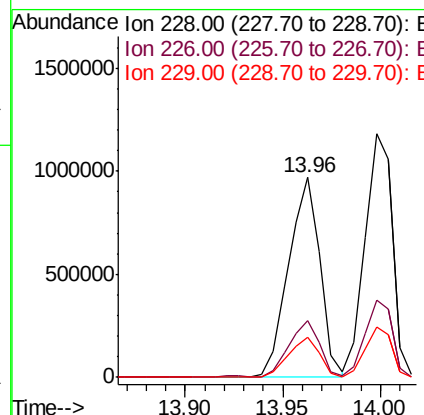
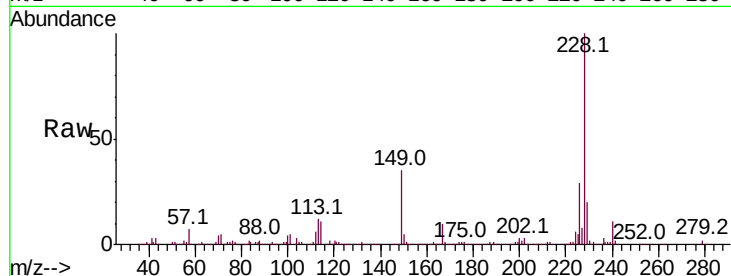
#81
Benzo(a)anthracene
Concen: 39.362 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.2	16.1	24.1

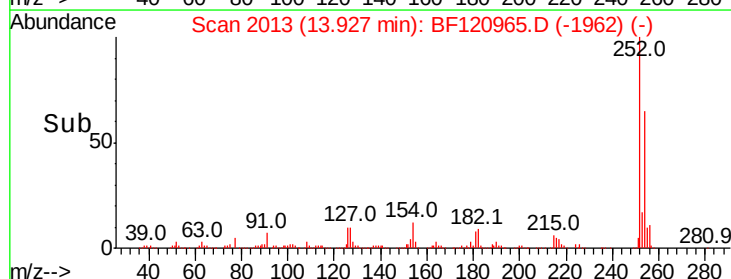
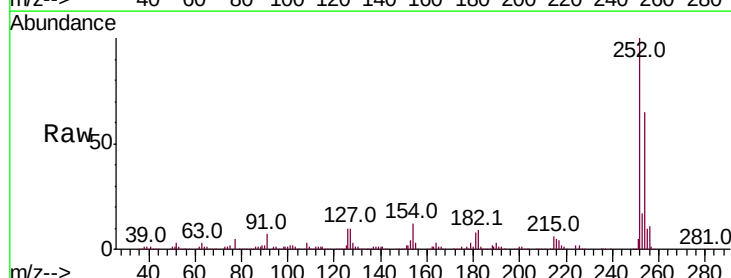
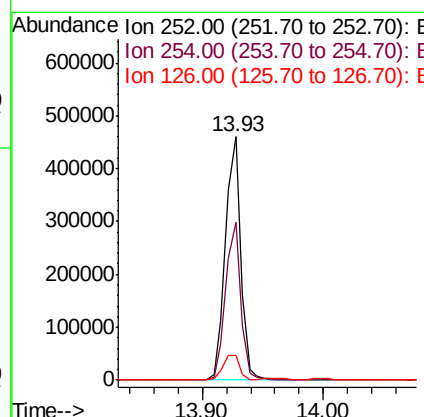
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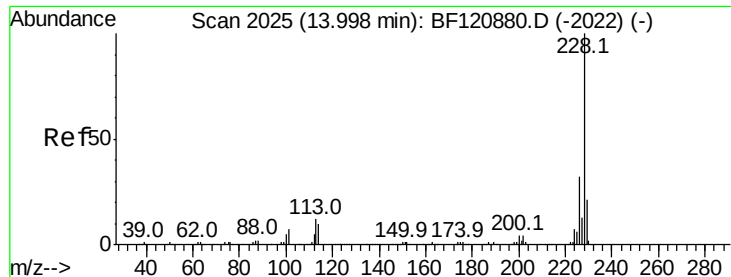
Sohil
7/24/2020 12:10:40 PM



#82
3,3'-Dichlorobenzidine
Concen: 39.361 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.2	76.8
126	10.1	8.7	13.1





#83

Chrysene

Concen: 40.256 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

Instrument :

BNA_F

ClientSampleId :

PB130393BS

Tot Ion:228 Resp: 1154423

Ion Ratio Lower Upper

228 100

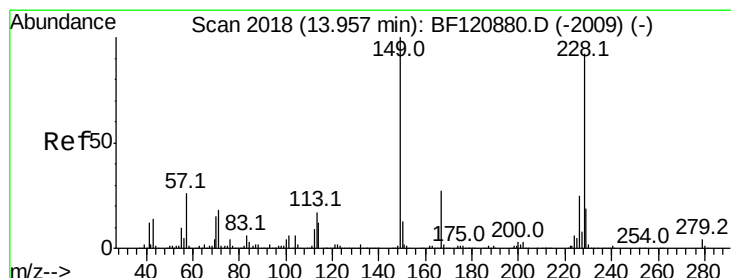
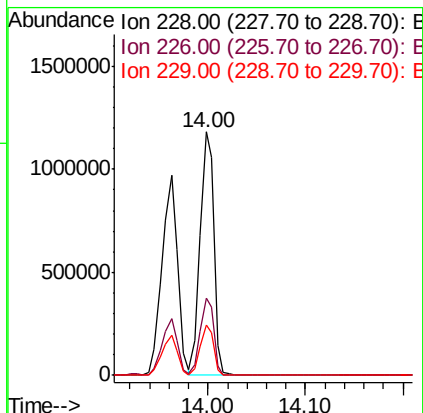
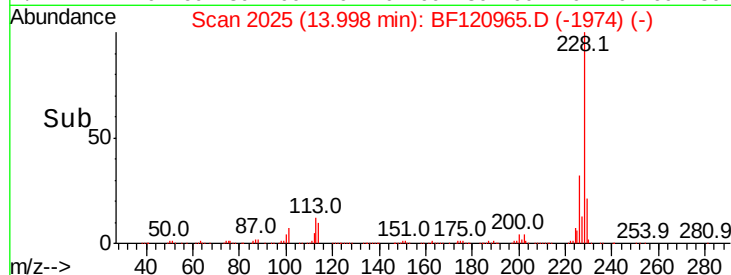
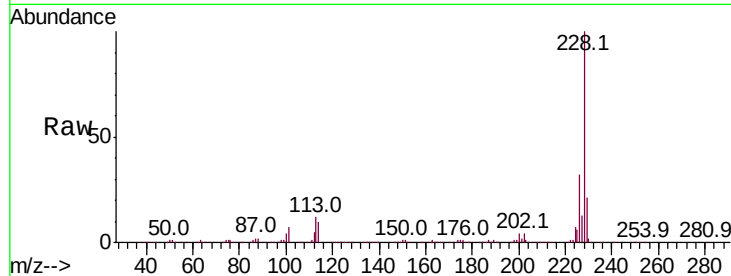
226 31.8 25.6 38.4

229 20.6 16.8 25.2

Manual Integrations
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Sohil

7/24/2020 12:10:40 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.248 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120965.D

Acq: 22 Jul 2020 15:22

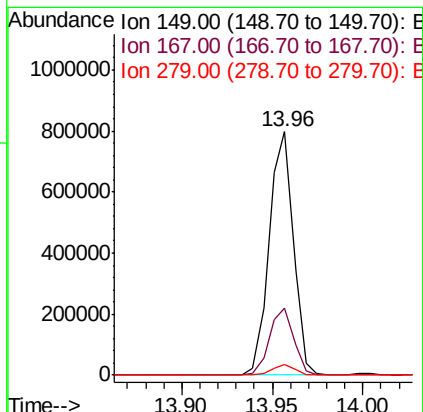
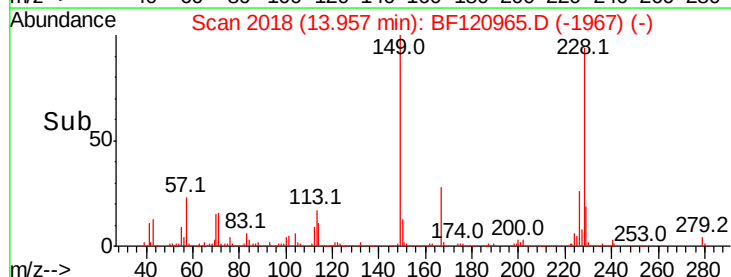
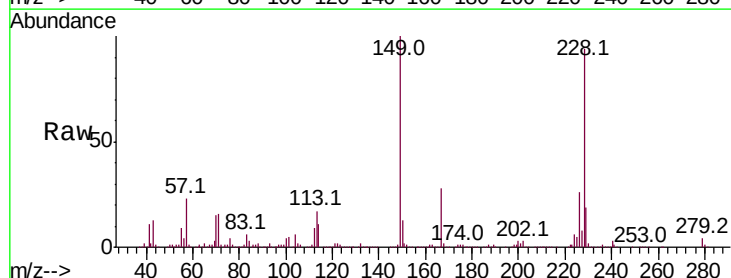
Tgt Ion:149 Resp: 739918

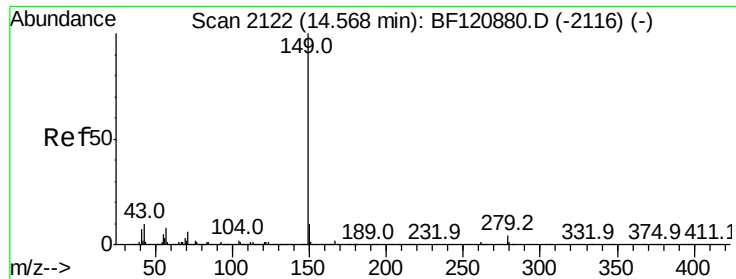
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 4.4 3.0 4.4





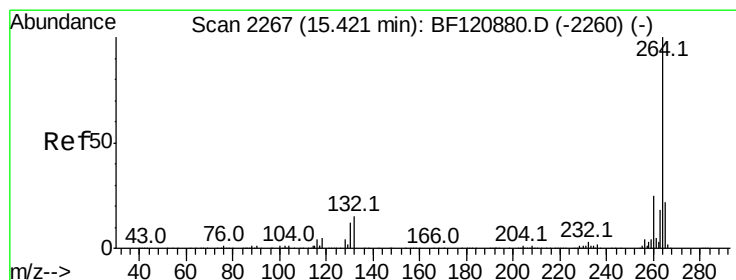
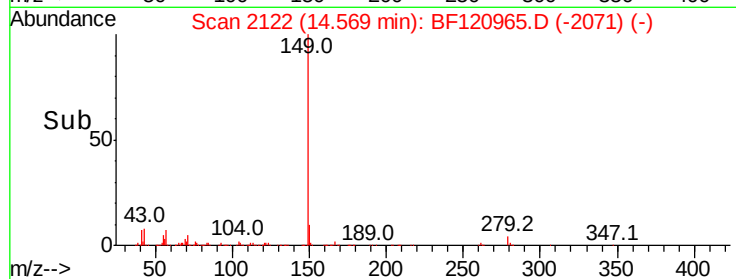
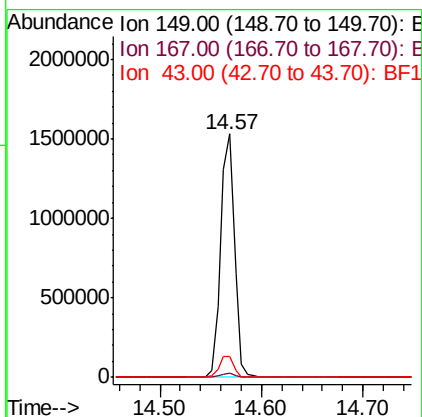
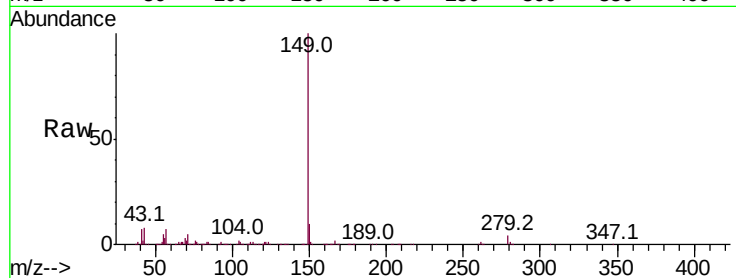
#85
Di-n-octyl phthalate
Concen: 41.594 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.1	7.6	11.4

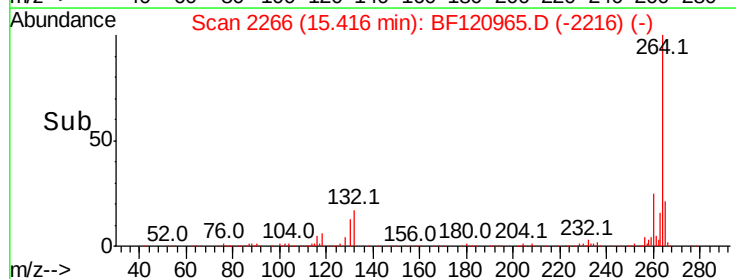
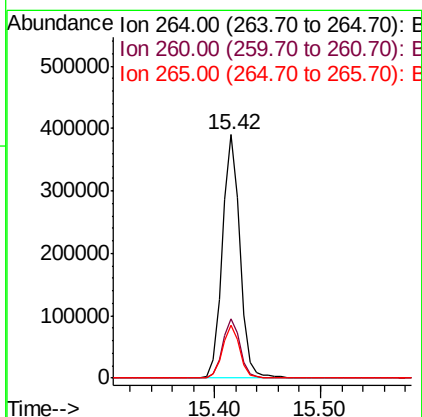
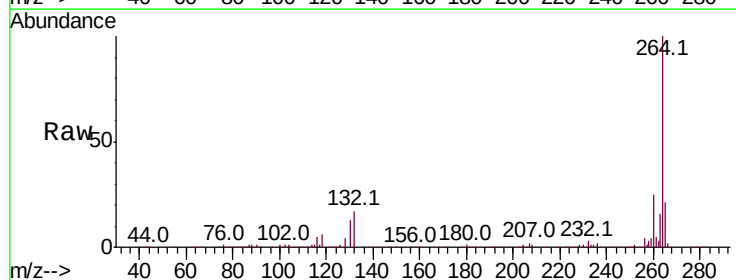
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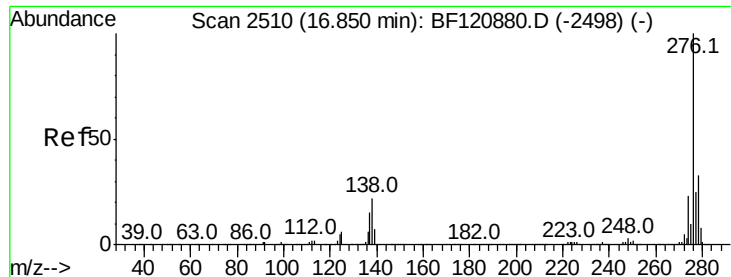
Sohil
7/24/2020 12:10:40 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.5	17.4	26.2





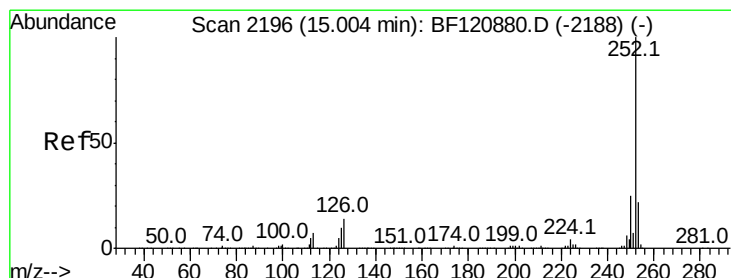
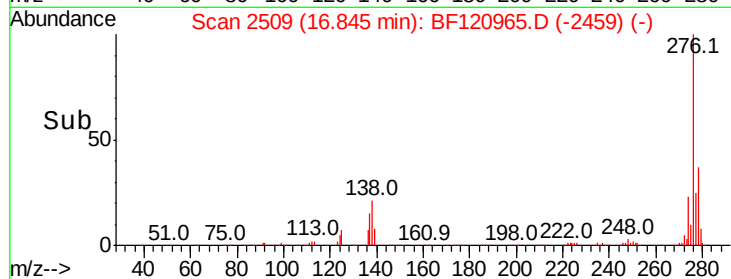
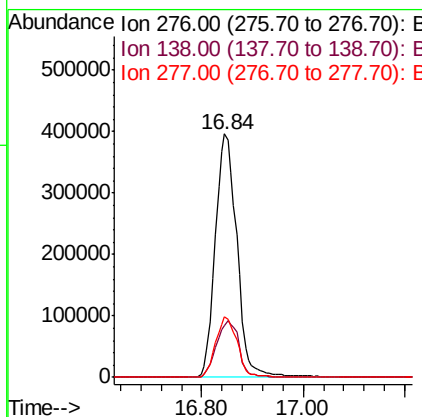
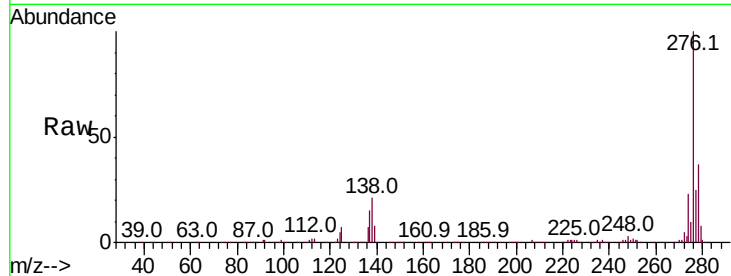
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.481 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Instrument :
 BNA_F
 ClientSampled :
 PB130393BS

Tot Ion:276 Resp: 1177493
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.8 29.8
 277 24.8 20.2 30.2

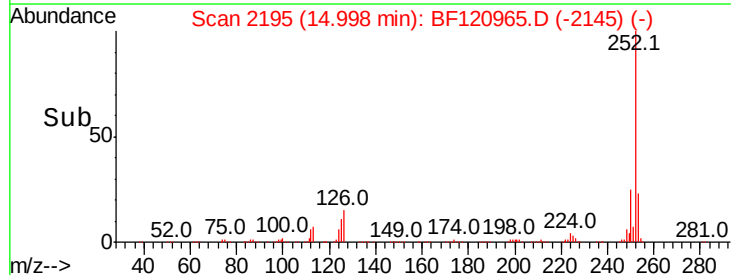
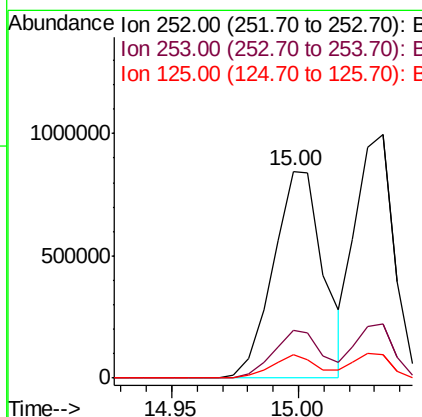
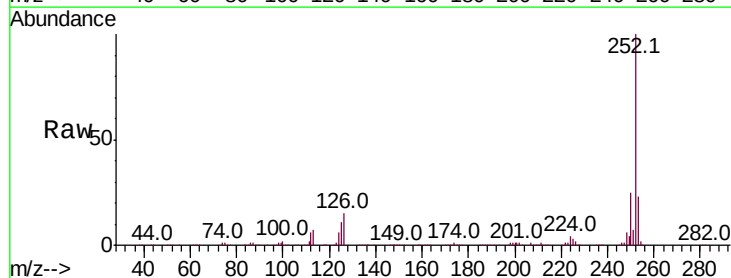
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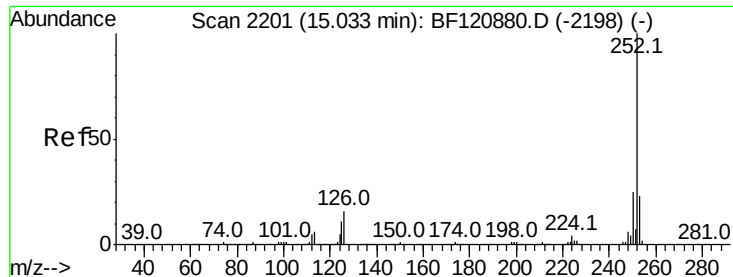
Sohil
 7/24/2020 12:10:40 PM



#88
 Benzo(b)fluoranthene
 Concen: 42.990 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF120965.D
 Acq: 22 Jul 2020 15:22

Tgt Ion:252 Resp: 1173844
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 11.1 8.3 12.5





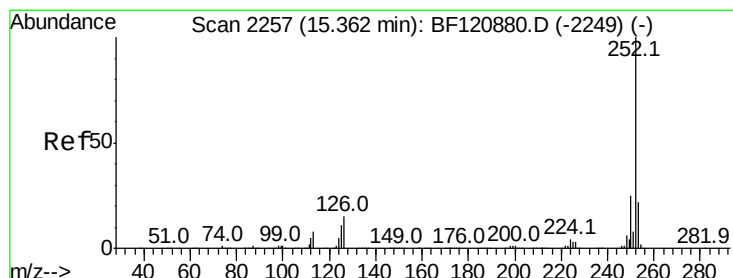
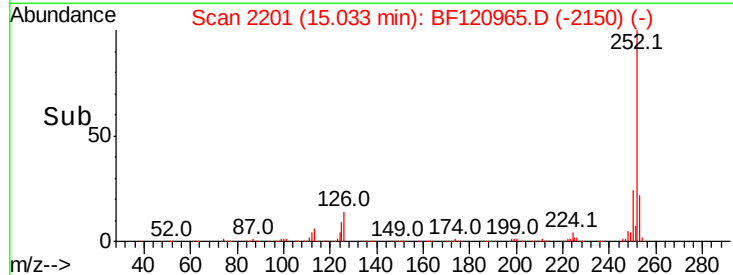
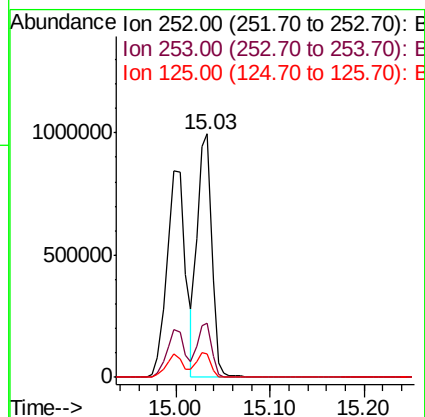
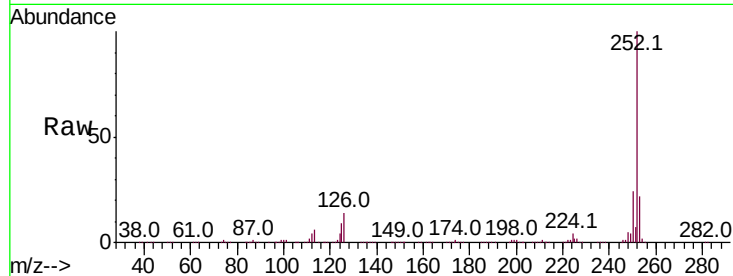
#89
Benzo(k)fluoranthene
Concen: 42.710 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.5	8.4	12.6

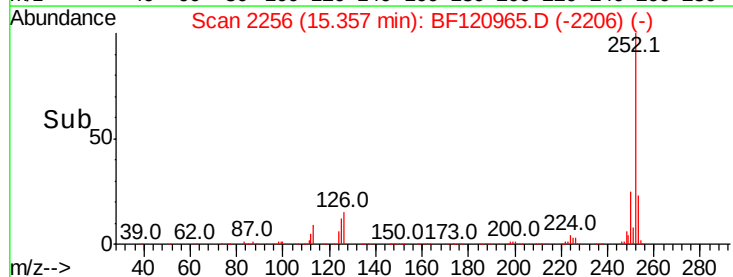
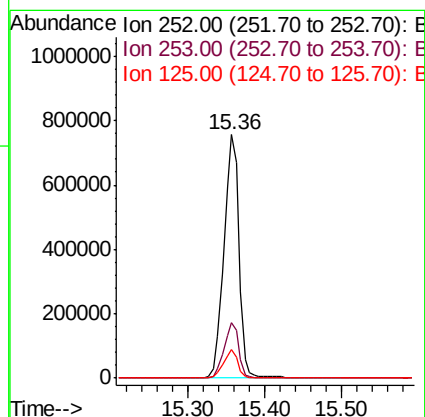
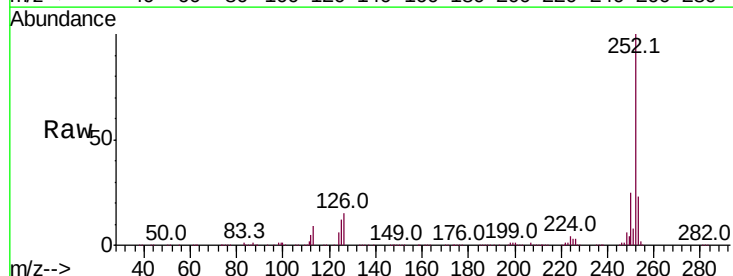
Manual Integrations
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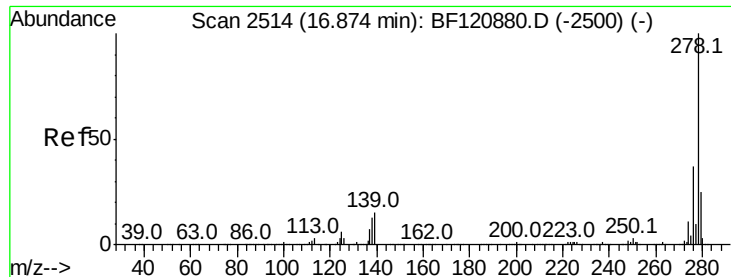
Sohil
7/24/2020 12:10:40 PM



#90
Benzo(a)pyrene
Concen: 41.068 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.8	8.9	13.3





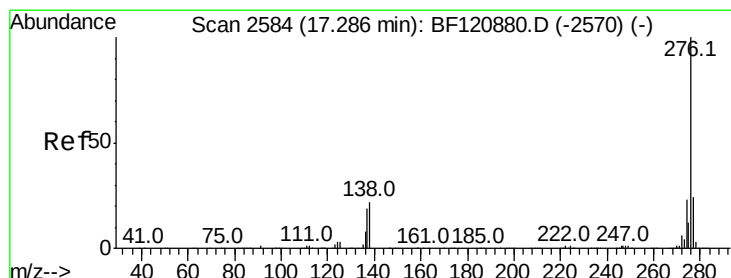
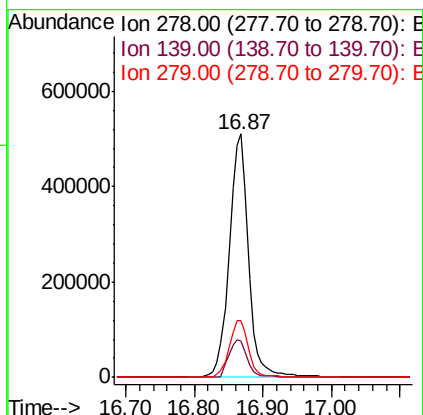
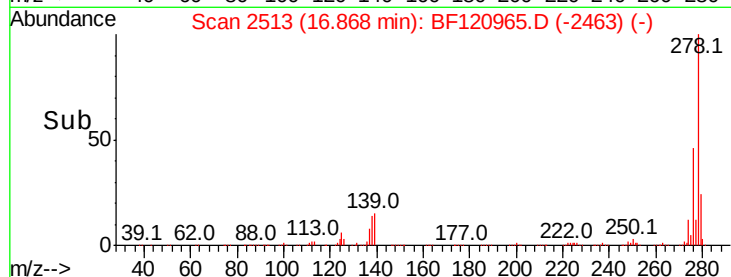
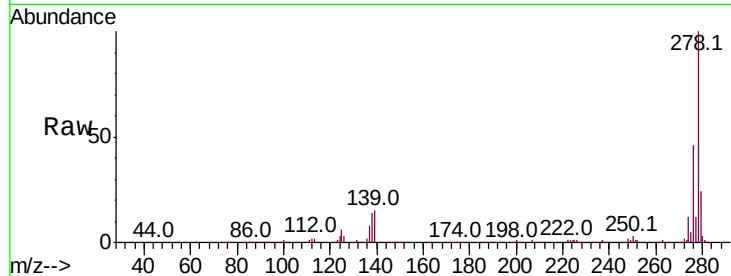
#91
Dibenzo(a,h)anthracene
Concen: 38.864 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Instrument :
BNA_F
ClientSampleId :
PB130393BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.3	18.5
279	23.5	20.1	30.1

Manual Integrations
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Sohil
7/24/2020 12:10:40 PM



#92
Benzo(g,h,i)perylene
Concen: 37.457 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120965.D
Acq: 22 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.6	17.5	26.3

