

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120968.D
 Acq On : 22 Jul 2020 17:04
 Operator : JU/CG
 Sample : L3184-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Manual Integrations
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 7/24/2020 12:10:44 PM

Quant Time: Jul 22 17:44:06 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	160390	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	627555	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	332806	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	639856	20.00	ng	0.00
76) Chrysene-d12	13.97	240	492498	20.00	ng	0.00
86) Perylene-d12	15.42	264	487082	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	994213	101.62	ng	0.02
7) Phenol-d6	6.45	99	1126286	89.12	ng	0.00
23) Nitrobenzene-d5	7.38	82	851557	78.52	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	412214	113.16	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1497801	67.19	ng	0.00
79) Terphenyl-d14	12.92	244	1656246	73.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	169290	37.597	ng	# 84
3) Pyridine	3.40	79	324481	27.089	ng	100
4) n-Nitrosodimethylamine	3.33	42	204027	39.833	ng	94
6) Aniline	6.47	93	301347	18.267	ng	96
8) 2-Chlorophenol	6.60	128	470111	43.617	ng	99
9) Benzaldehyde	6.36	77	222826	35.245	ng	99
10) Phenol	6.46	94	476480	34.274	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	465639	43.704	ng	99
12) 1,3-Dichlorobenzene	6.76	146	427224	36.555	ng	98
13) 1,4-Dichlorobenzene	6.83	146	433764	37.325	ng	99
14) 1,2-Dichlorobenzene	6.99	146	417342	37.960	ng	99
15) Benzyl Alcohol	6.96	79	389459	43.576	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	620471	40.403	ng	99
17) 2-Methylphenol	7.07	107	376711	39.434	ng	99
18) Hexachloroethane	7.33	117	157098	37.349	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	299722	41.707	ng	99
20) 3+4-Methylphenols	7.22	107	413573	34.033	ng	# 83
22) Acetophenone	7.23	105	601722	42.723	ng	96
24) Nitrobenzene	7.40	77	479791	41.045	ng	98
25) Isophorone	7.64	82	908394	41.967	ng	99
26) 2-Nitrophenol	7.72	139	253022	45.576	ng	98
27) 2,4-Dimethylphenol	7.75	122	417754	46.347	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	569727	43.120	ng	100
29) 2,4-Dichlorophenol	7.96	162	400358	43.467	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	389125	38.079	ng	99
31) Naphthalene	8.12	128	1262621	39.223	ng	99
32) Benzoic acid	7.87	122	251362	37.149	ng	98
33) 4-Chloroaniline	8.17	127	218007	15.182	ng	98
34) Hexachlorobutadiene	8.24	225	213001	35.358	ng	99
35) Caprolactam	8.55	113	95742m	32.414	ng	
36) 4-Chloro-3-methylphenol	8.65	107	419057	44.361	ng	100
37) 2-Methylnaphthalene	8.81	142	882860	42.239	ng	99
38) 1-Methylnaphthalene	8.91	142	827285	41.791	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	399573	41.208	ng	99

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 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)
41) Hexachlorocyclopentadiene	8.96	237	386023	72.032	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	301277	44.129	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	319650	41.275	ng	97
46) 1,1'-Biphenyl	9.27	154	1084315	42.712	ng	99
47) 2-Chloronaphthalene	9.30	162	830245	40.113	ng	99
48) 2-Nitroaniline	9.40	65	270761	43.287	ng	91
49) Acenaphthylene	9.72	152	1349805	41.979	ng	100
50) Dimethylphthalate	9.58	163	1269130	52.859	ng	99
51) 2,6-Dinitrotoluene	9.64	165	236458	45.840	ng	88
52) Acenaphthene	9.89	154	873581	42.733	ng	99
53) 3-Nitroaniline	9.80	138	135350	20.921	ng	98
54) 2,4-Dinitrophenol	9.91	184	133816	48.053	ng	89
55) Dibenzofuran	10.06	168	1218026	41.202	ng	99
56) 4-Nitrophenol	9.97	139	358595	72.969	ng	94
57) 2,4-Dinitrotoluene	10.04	165	313701	46.310	ng	91
58) Fluorene	10.40	166	877058	39.779	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	273394	46.366	ng	98
60) Diethylphthalate	10.27	149	1043615	42.973	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	433558	36.867	ng	98
62) 4-Nitroaniline	10.42	138	243252	38.600	ng	98
63) Azobenzene	10.55	77	958197	41.444	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	123004	34.399	ng	88
66) n-Nitrosodiphenylamine	10.51	169	866449	43.046	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	295008	41.353	ng	97
68) Hexachlorobenzene	10.95	284	333694	43.241	ng	96
69) Atrazine	11.04	200	252326	50.617	ng	97
70) Pentachlorophenol	11.15	266	377375	85.361	ng	99
71) Phenanthrene	11.36	178	1366431	41.523	ng	100
72) Anthracene	11.42	178	1420019	42.973	ng	99
73) Carbazole	11.57	167	1343676	40.974	ng	100
74) Di-n-butylphthalate	11.90	149	1662951	43.943	ng	99
75) Fluoranthene	12.55	202	1550888	42.518	ng	98
77) Benzidine	12.67	184	402448	31.080	ng	99
78) Pyrene	12.77	202	1590648	45.682	ng	99
80) Butylbenzylphthalate	13.40	149	743166	47.878	ng	99
81) Benzo(a)anthracene	13.96	228	1242439	41.660	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	369236	32.817	ng	99
83) Chrysene	14.00	228	1353742	43.194	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	898852	46.960	ng	99
85) Di-n-octyl phthalate	14.57	149	1777869	46.687	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1339072	39.530	ng	100
88) Benzo(b)fluoranthene	15.00	252	1365144	46.367	ng	100
89) Benzo(k)fluoranthene	15.03	252	1288239	47.977	ng	99
90) Benzo(a)pyrene	15.36	252	1182954	44.038	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1128497	40.783	ng	98
92) Benzo(g,h,i)perylene	17.28	276	1095914	40.168	ng	100

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

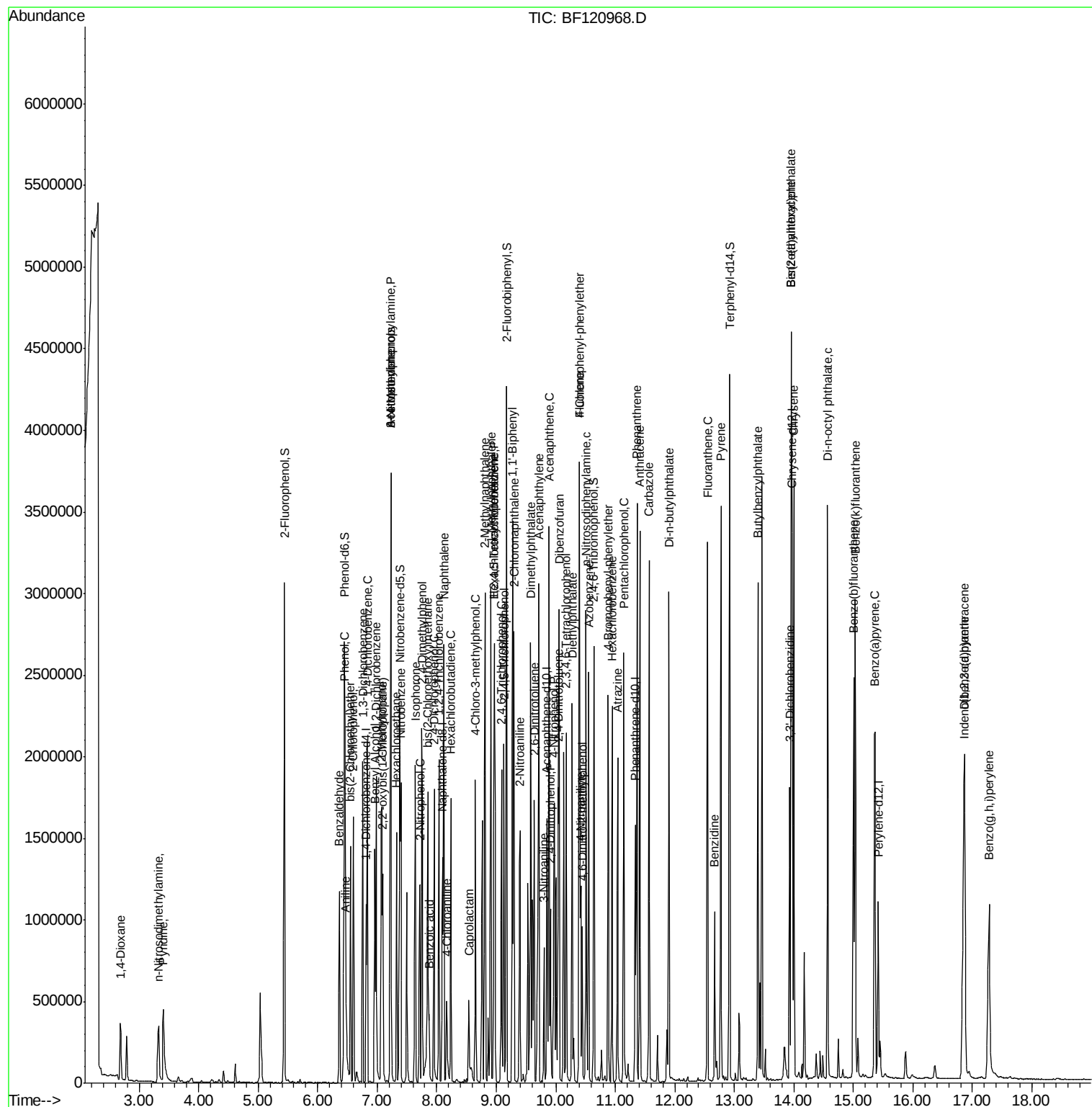
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
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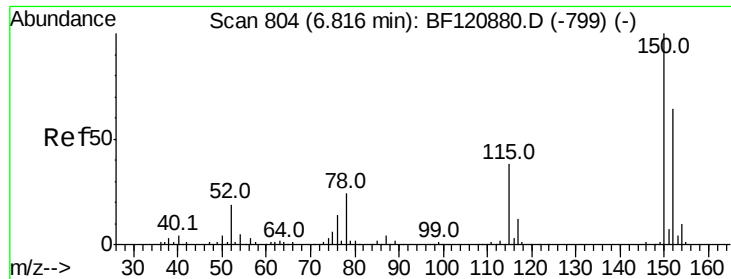
Instrument :
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#1

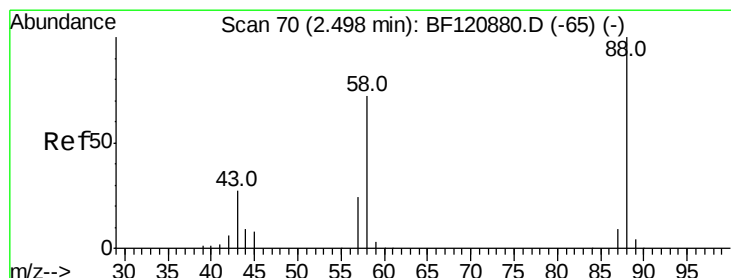
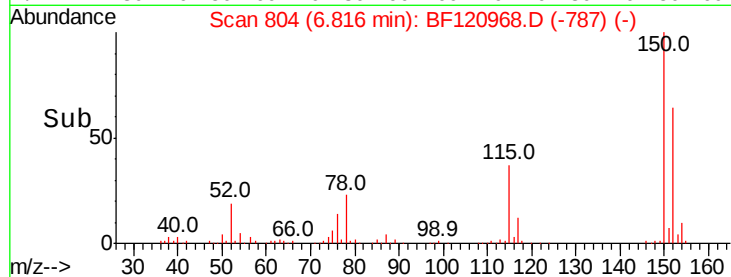
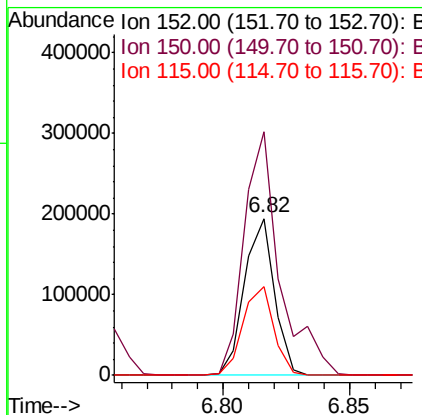
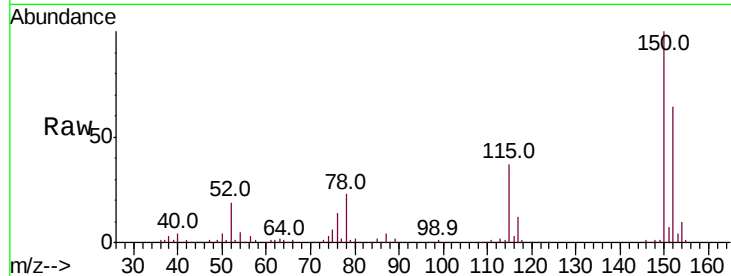
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
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EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.0	187.6
115	56.8	47.0	70.4

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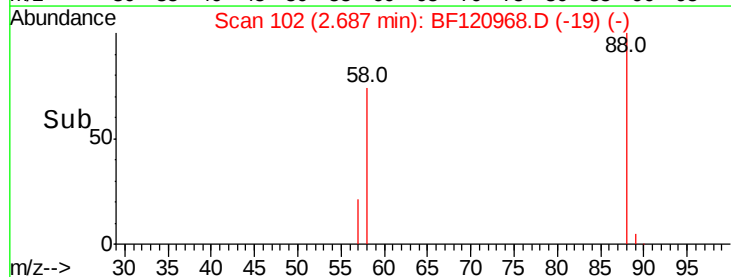
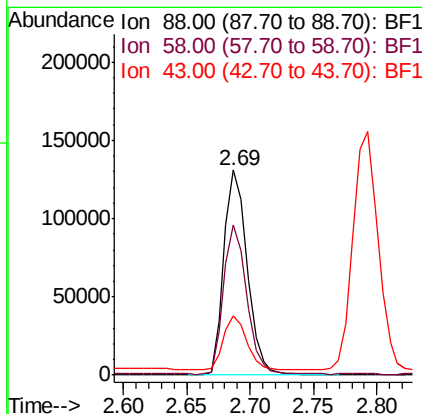
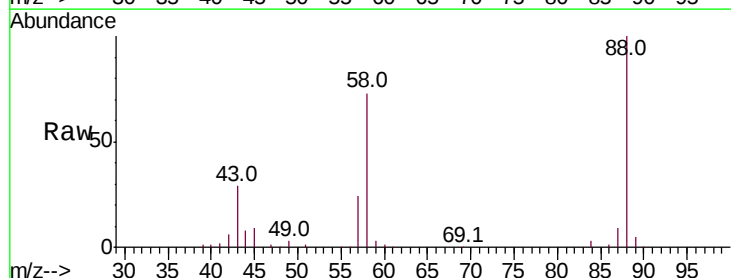
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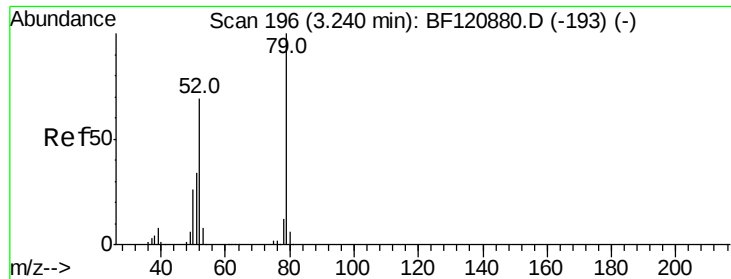


#2

1,4-Dioxane
Concen: 37.597 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.19 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	58.2	87.2
43	0.0	22.1	33.1#





#3

Pvridine

Concen: 27.089 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.16 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

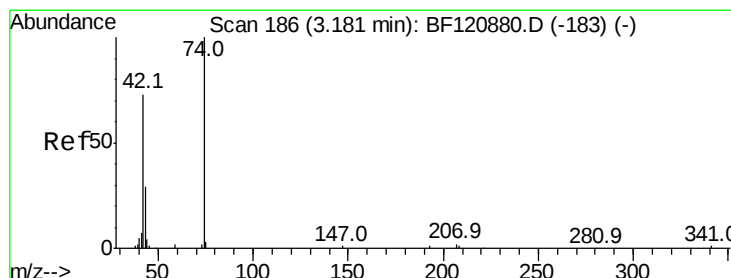
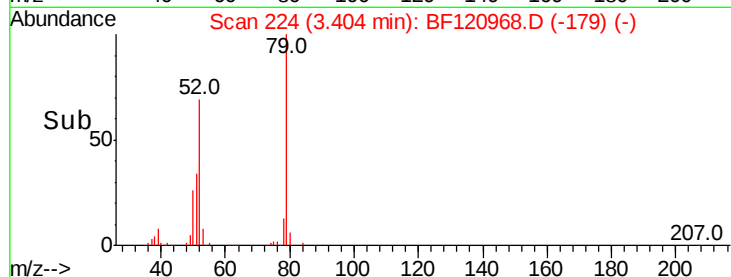
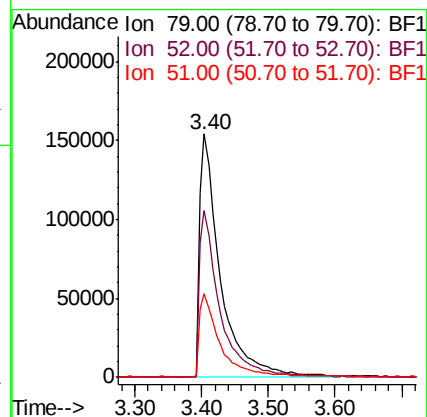
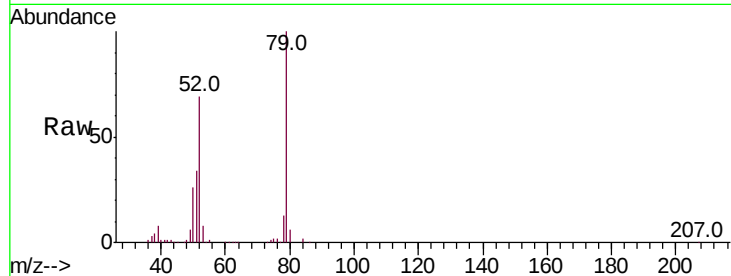
ClientSampleId :

EO-03-072020MSD

Tot Ion:	79	Resp:	324481
Ion Ratio	Lower	Upper	
79	100		
52	68.7	55.0	82.6
51	34.2	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 39.833 ng

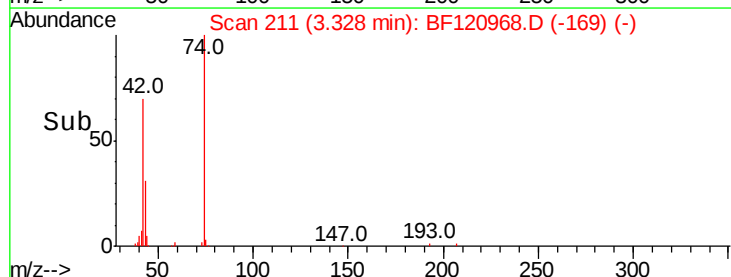
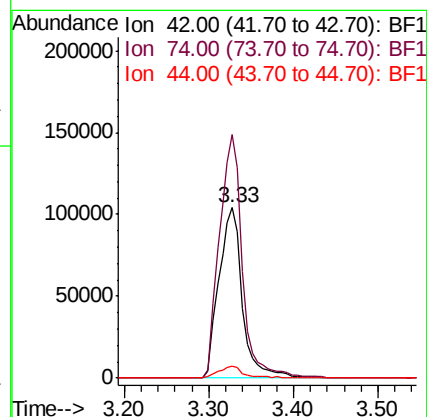
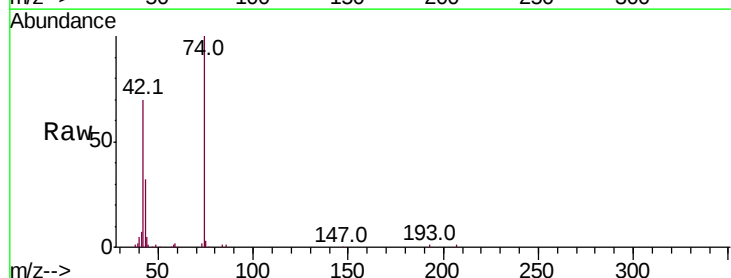
RT: 3.33 min Scan# 211

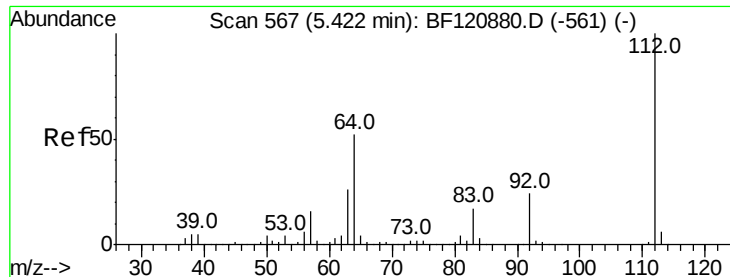
Delta R.T. 0.15 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:	42	Resp:	204027
Ion Ratio	Lower	Upper	
42	100		
74	142.9	108.7	163.1
44	6.8	5.2	7.8





#5

2-Fluorophenol

Concen: 101.619 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

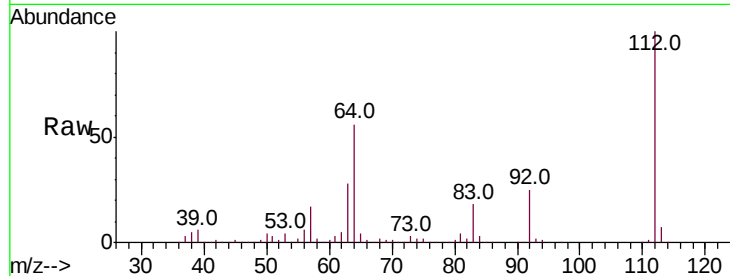
ClientSampleId :

EO-03-072020MSD

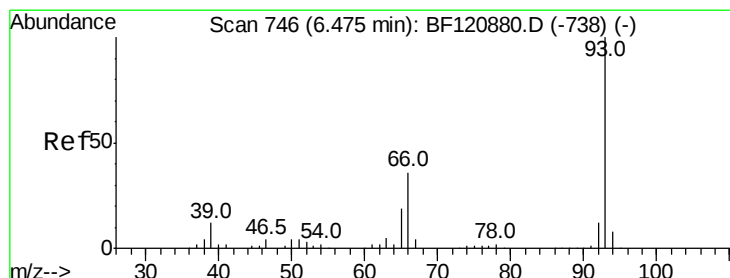
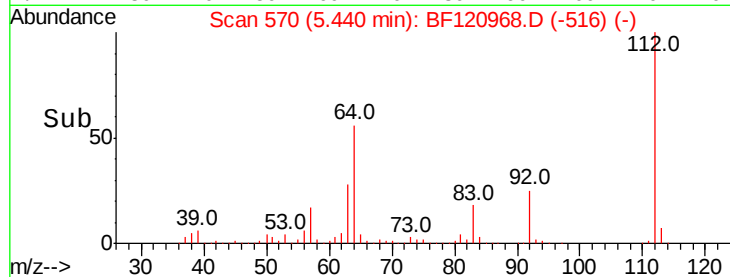
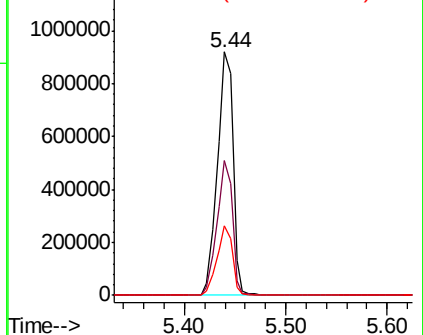
Tot Ion:	112	Resp:	994213
Ion Ratio	Lower	Upper	
112	100		
64	55.6	41.3	61.9
63	28.3	21.1	31.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.267 ng

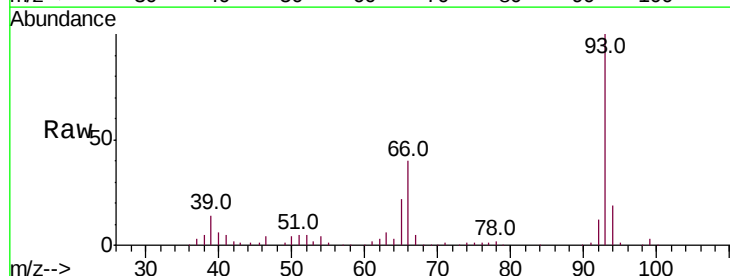
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

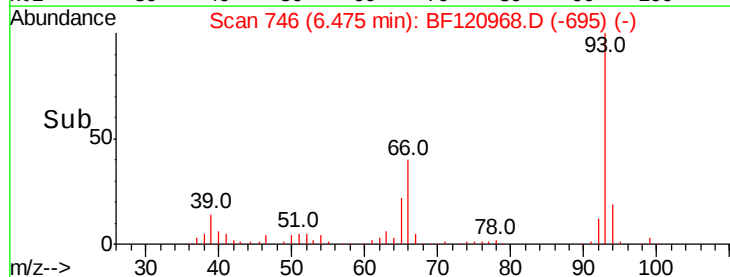
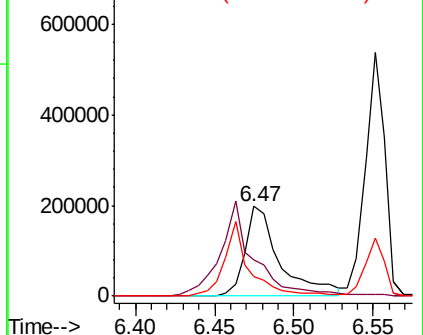
Lab File: BF120968.D

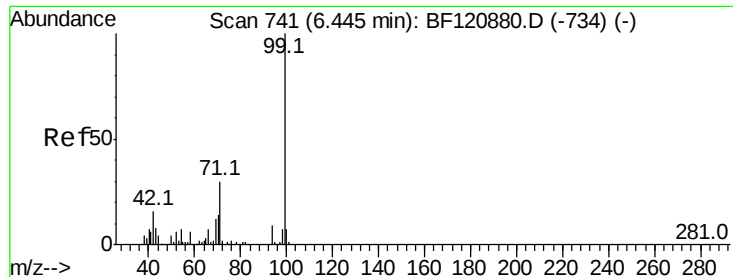
Acq: 22 Jul 2020 17:04

Tgt Ion:	93	Resp:	301347
Ion Ratio	Lower	Upper	
93	100		
66	40.5	30.2	45.4
65	21.8	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.118 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

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ClientSampleId :

EO-03-072020MSD

Tot Ion: 99 Resp: 1126286

Ion Ratio Lower Upper

99 100

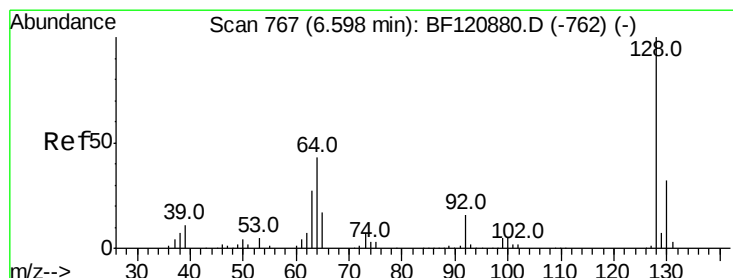
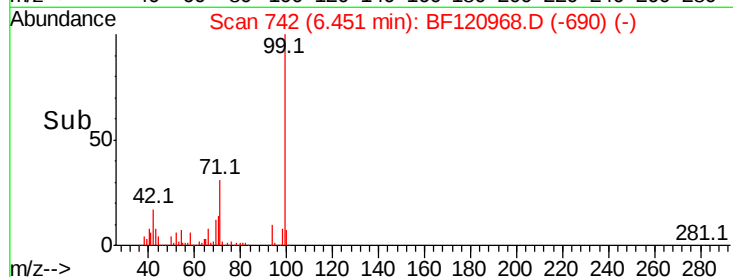
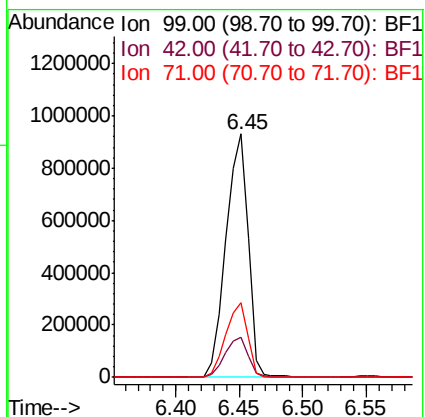
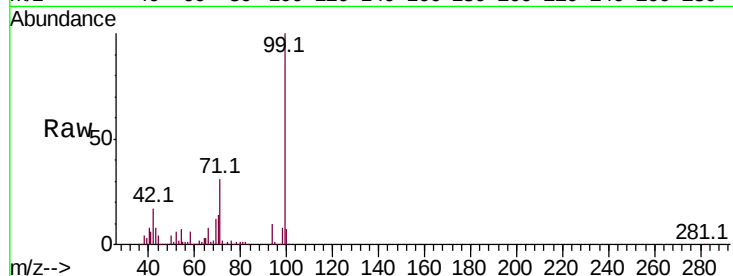
42 16.6 13.1 19.7

71 30.5 24.2 36.4

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#8

2-Chlorophenol

Concen: 43.617 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

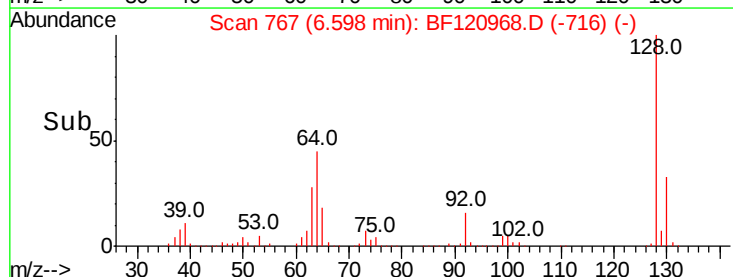
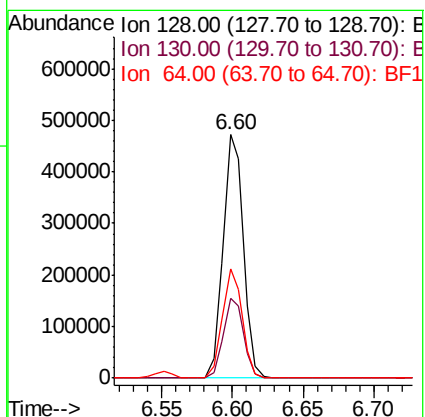
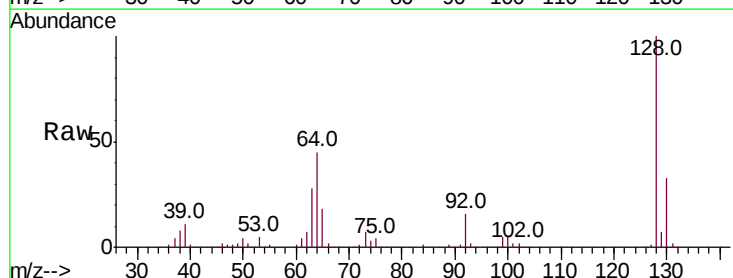
Tgt Ion: 128 Resp: 470111

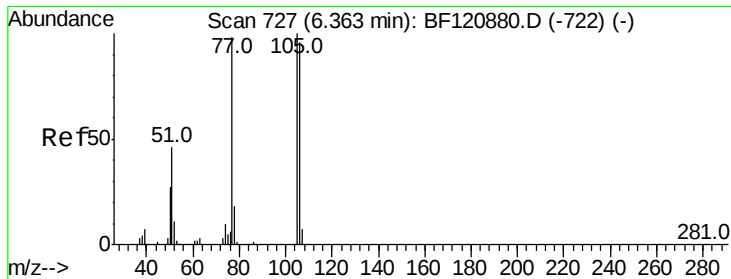
Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 44.8 24.0 64.0





#9

Benzaldehyde

Concen: 35.245 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

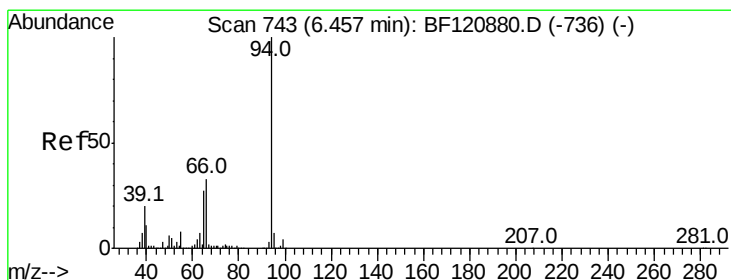
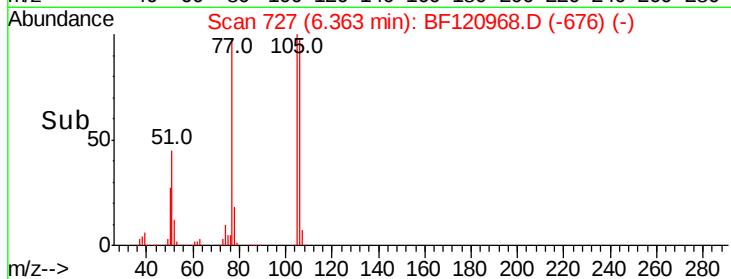
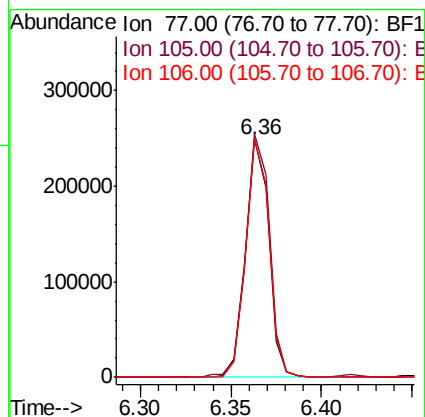
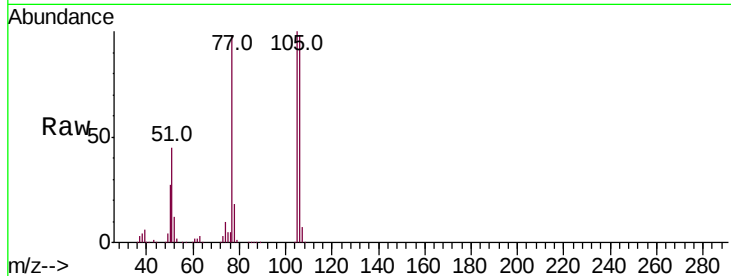
ClientSampleId :

EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.3	82.5	122.5
106	100.4	78.7	118.7

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#10

Phenol

Concen: 34.274 ng

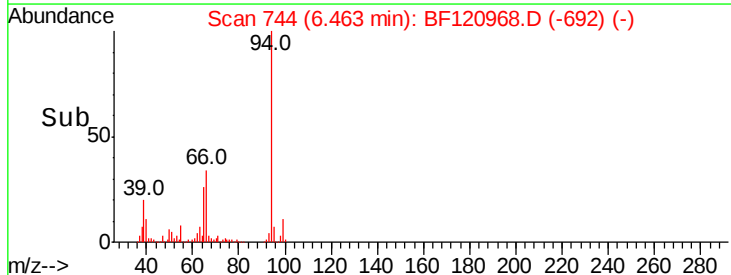
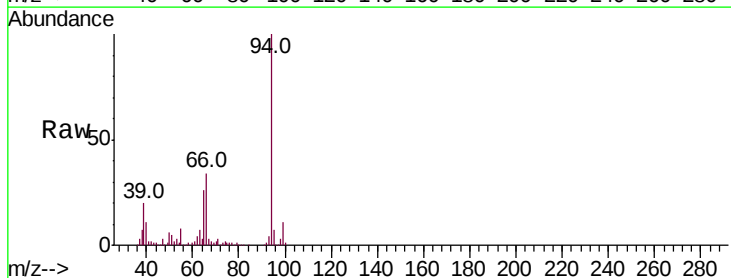
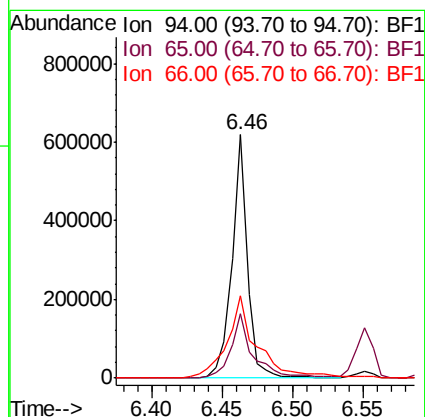
RT: 6.46 min Scan# 744

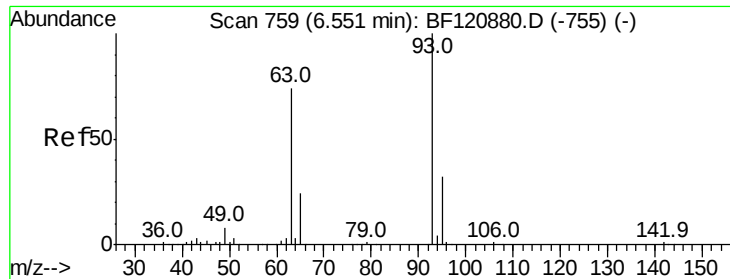
Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.4	6.6	46.6
66	33.9	13.2	53.2





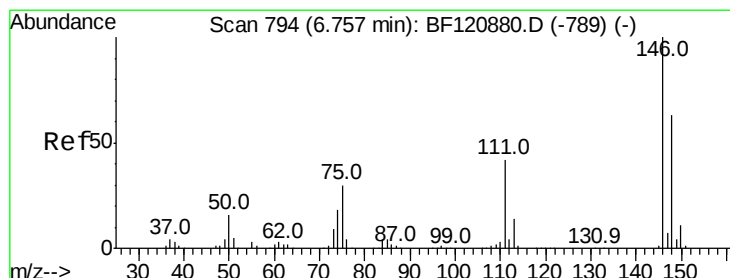
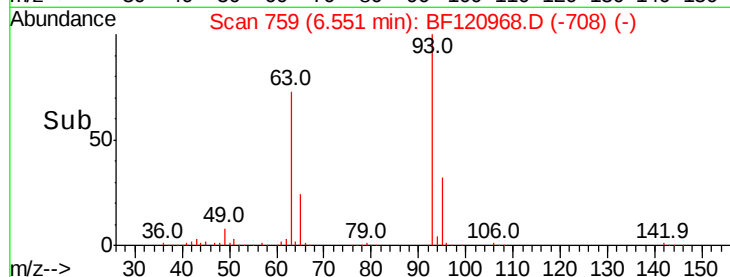
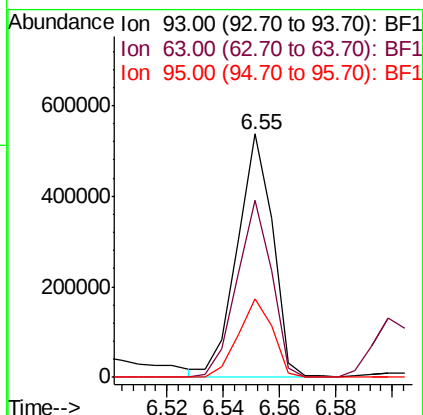
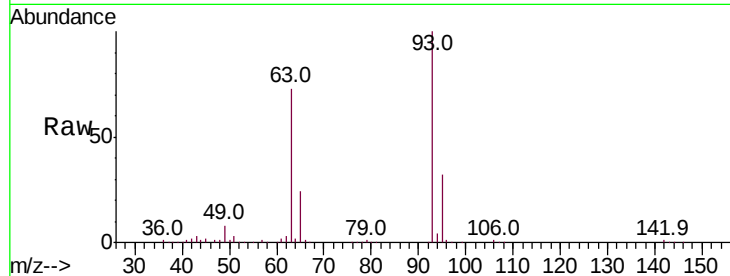
#11
bis(2-Chloroethyl)ether
Concen: 43.704 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	54.2	94.2
95	32.4	12.2	52.2

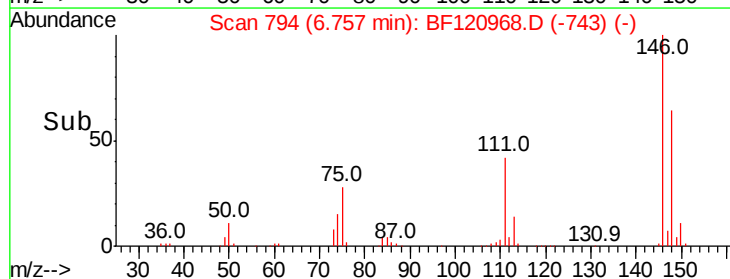
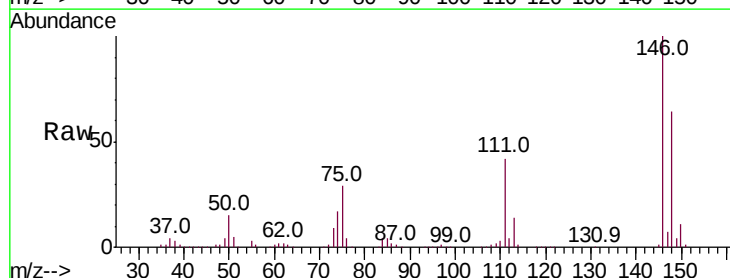
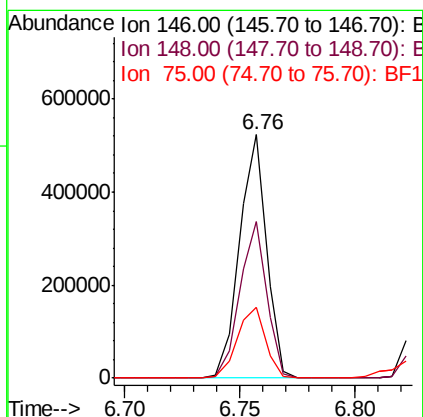
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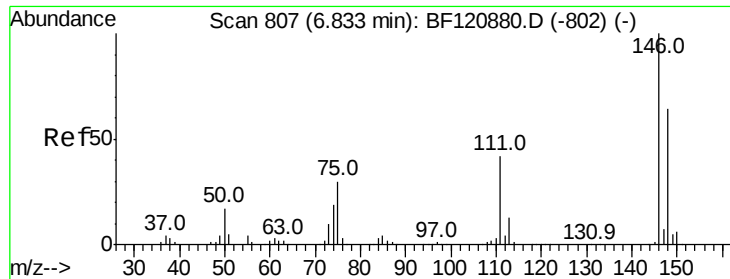
Sohil
7/24/2020 12:10:44 PM



#12
1,3-Dichlorobenzene
Concen: 36.555 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
75	29.0	24.1	36.1





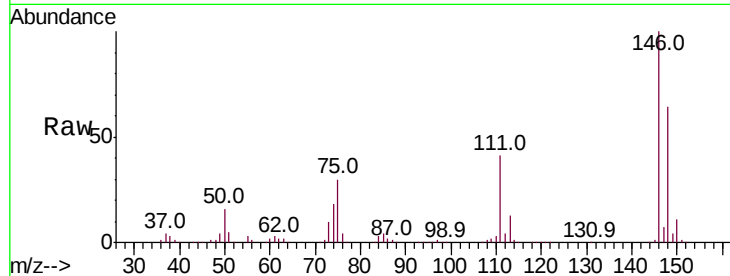
#13
 1,4-Dichlorobenzene
 Concen: 37.325 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	40.6	33.5	50.3

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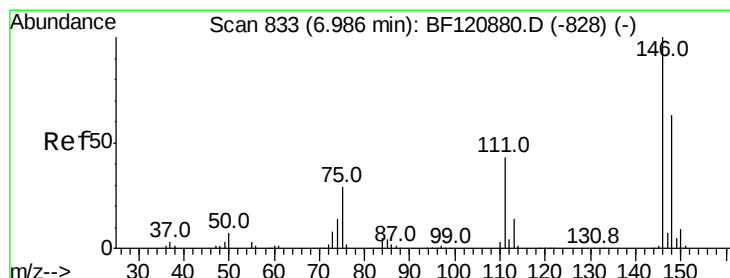
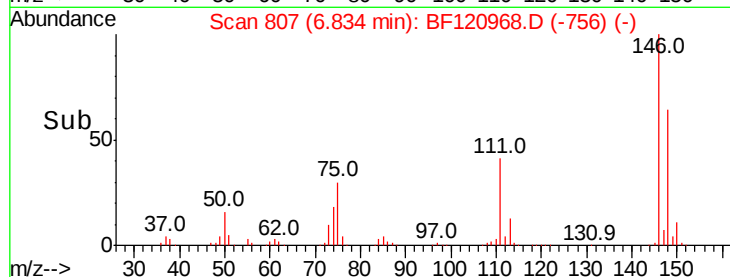
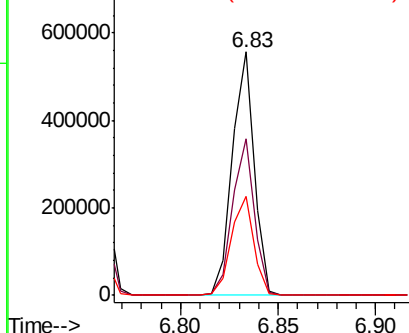


Abundance

Ion 146.00 (145.70 to 146.70): E

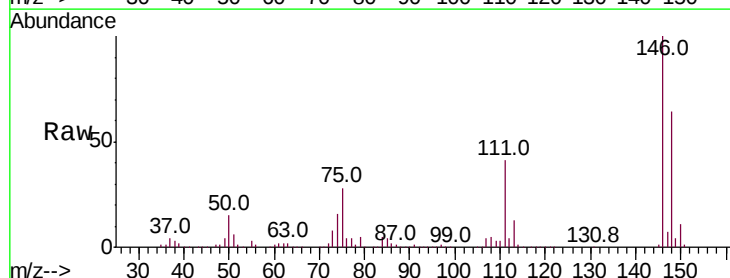
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.960 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
111	40.8	34.2	51.2

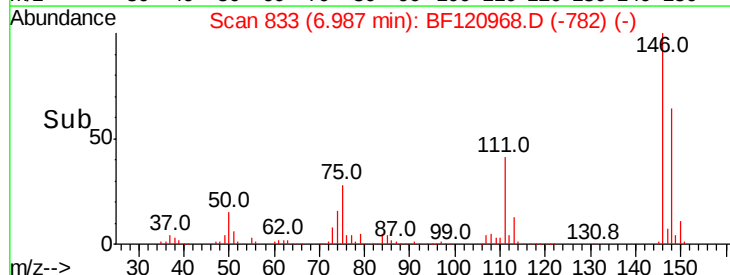
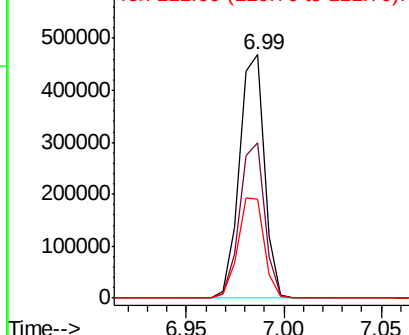


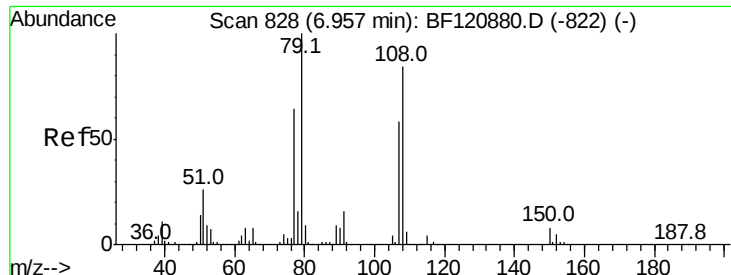
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.576 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

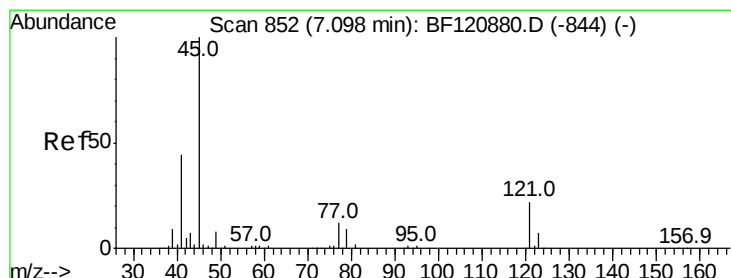
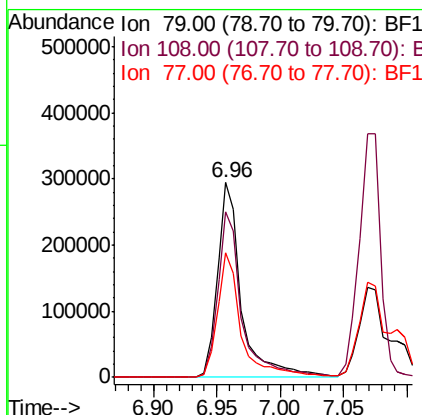
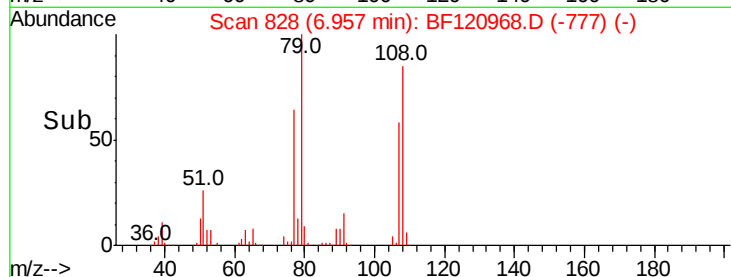
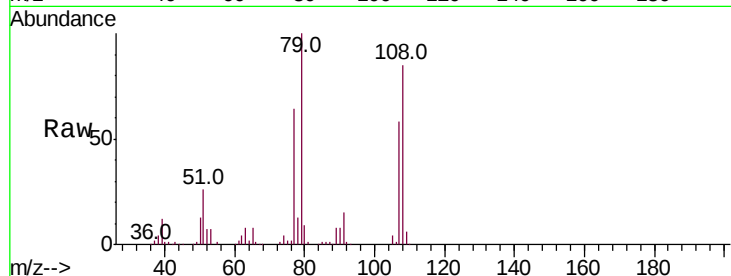
ClientSampleId :

EO-03-072020MSD

Tot Ion:	79	Resp:	389459
Ion Ratio	Lower	Upper	
79	100		
108	85.1	67.0	100.6
77	63.9	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.403 ng

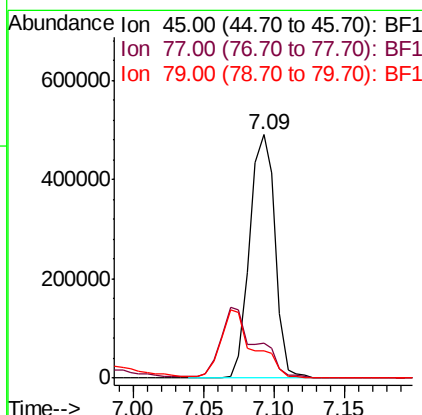
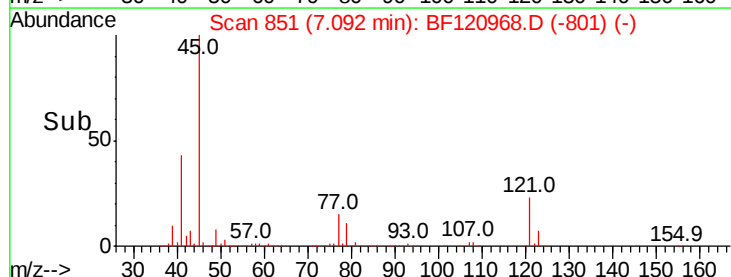
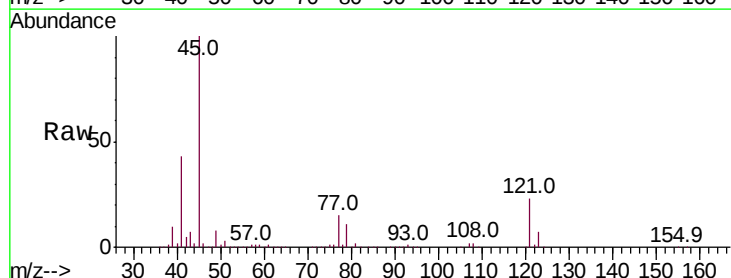
RT: 7.09 min Scan# 851

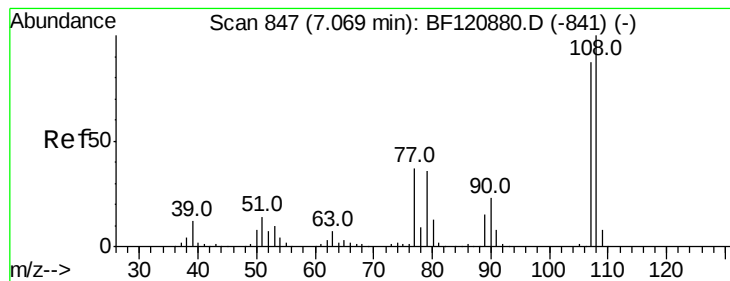
Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:	45	Resp:	620471
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.3
79	11.2	0.0	31.0





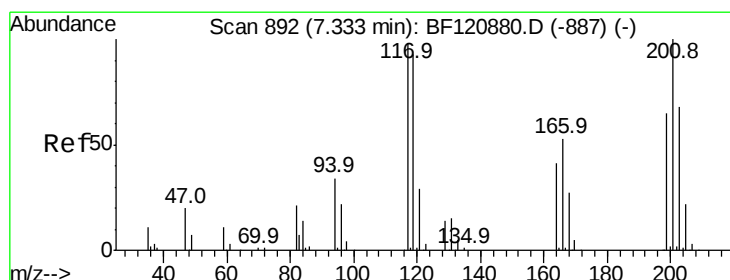
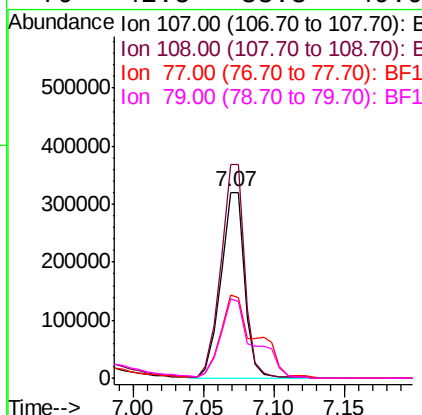
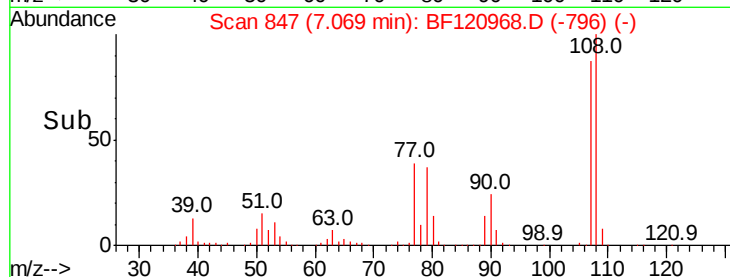
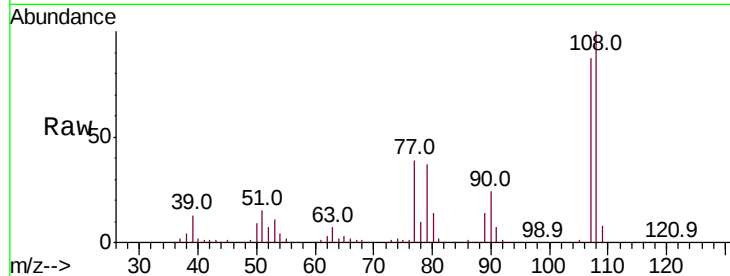
#17
2-Methylphenol
Concen: 39.434 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	44.7	34.0	51.0
79	42.5	33.3	49.9

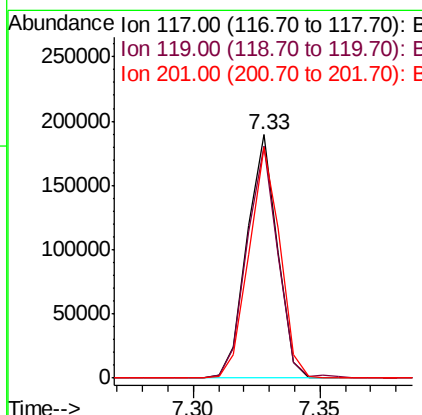
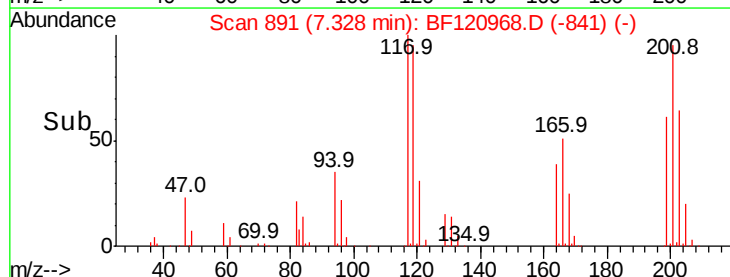
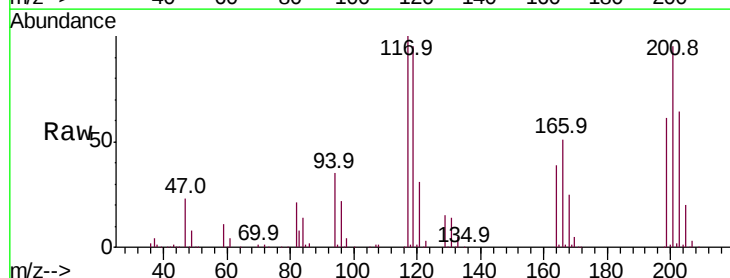
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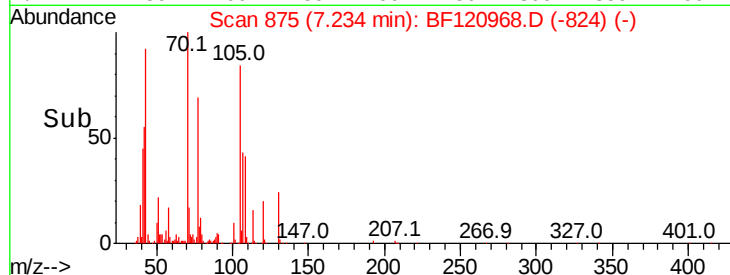
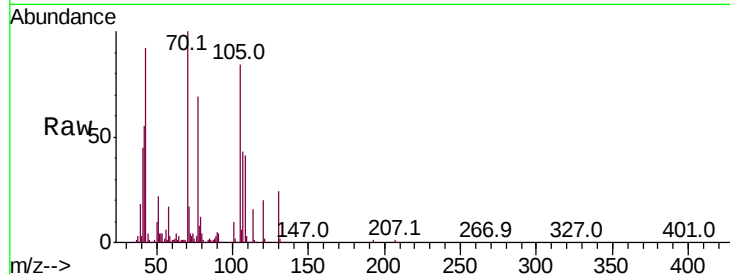
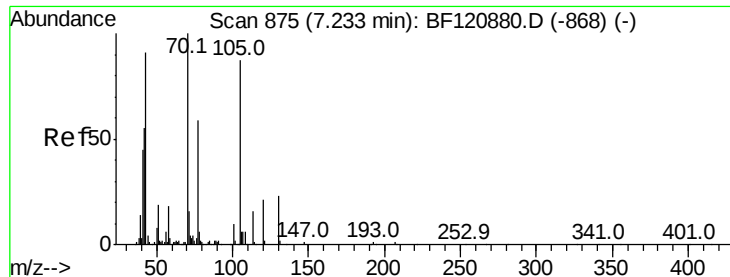
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#18
Hexachloroethane
Concen: 37.349 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.0	114.0
201	95.0	81.7	122.5





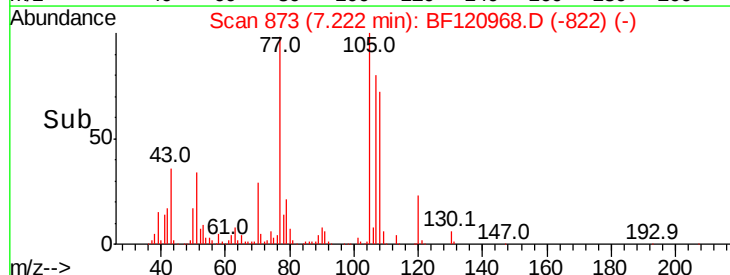
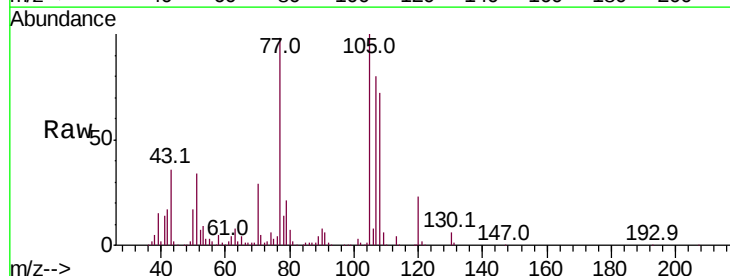
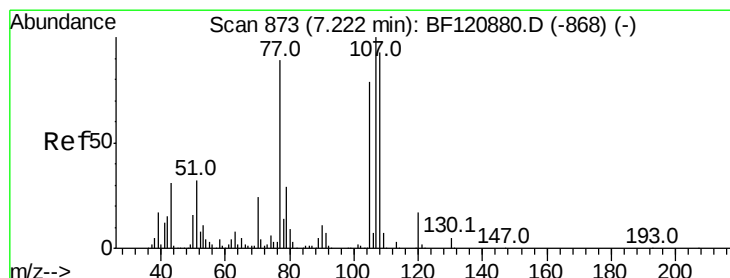
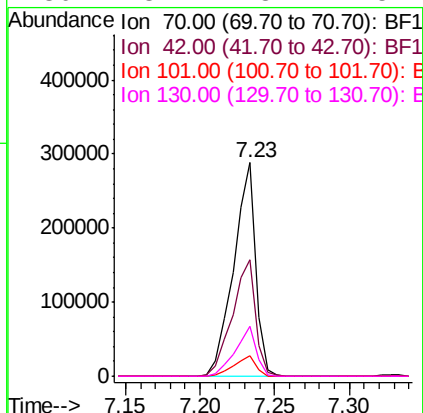
#19
n-Nitroso-di-n-propylamine
Concen: 41.707 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.6	44.0	66.0	
101	9.8	7.8	11.6	
130	23.7	18.7	28.1	

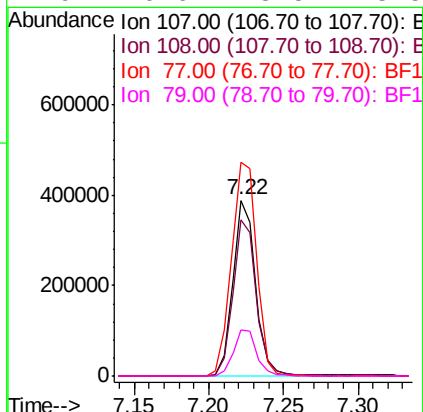
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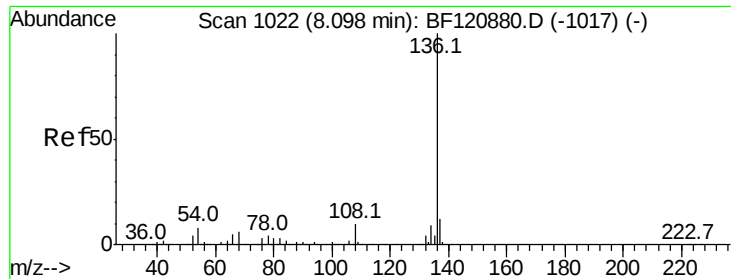
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#20
3+4-Methylphenols
Concen: 34.033 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	72.8	112.8	
77	121.6	68.7	108.7#	
79	26.6	8.5	48.5	





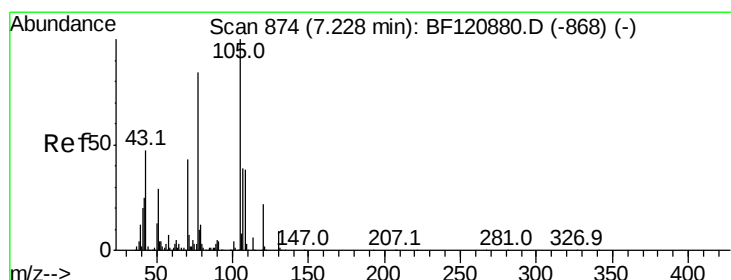
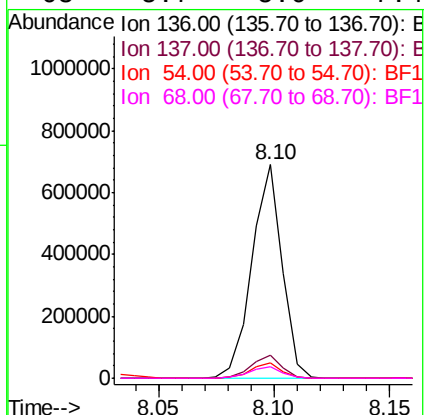
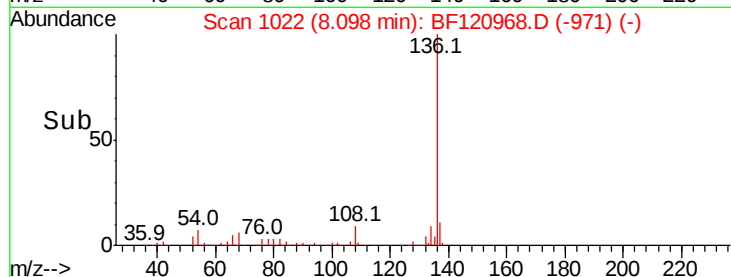
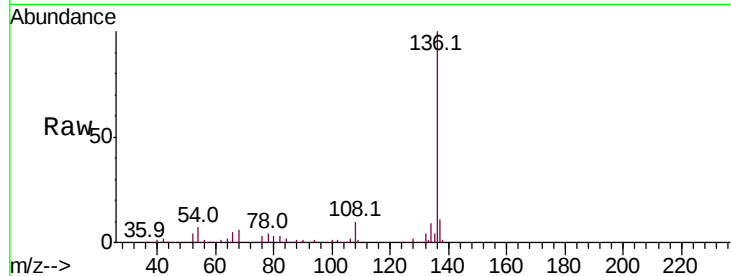
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

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	

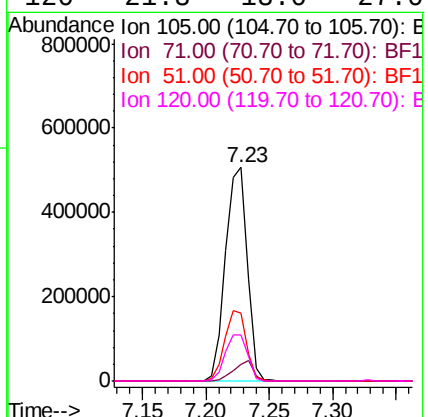
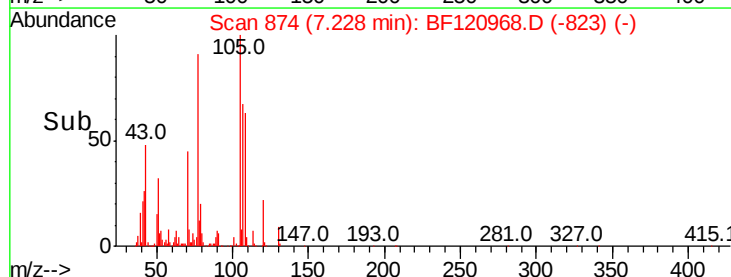
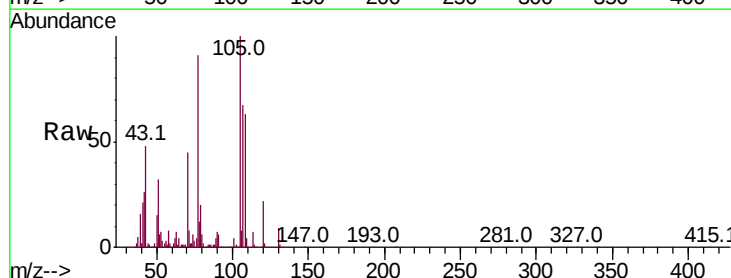
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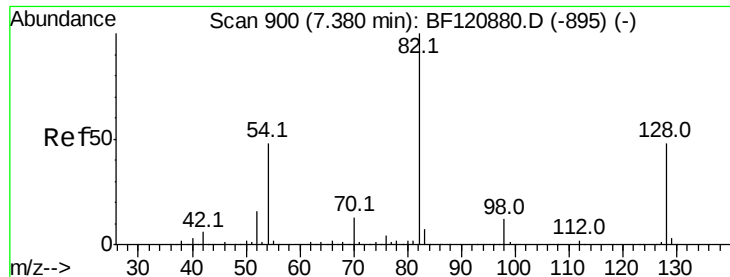
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#22
Acetophenone
Concen: 42.723 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	5.7	8.5	
51	31.5	22.9	34.3	
120	21.8	18.0	27.0	





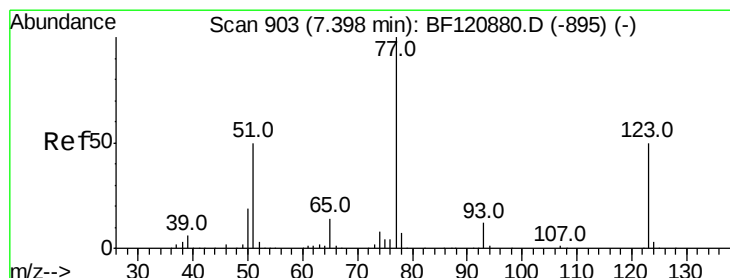
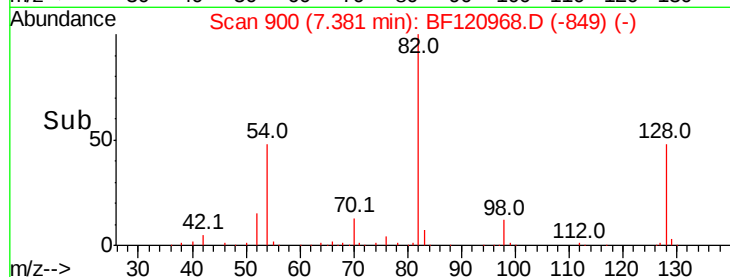
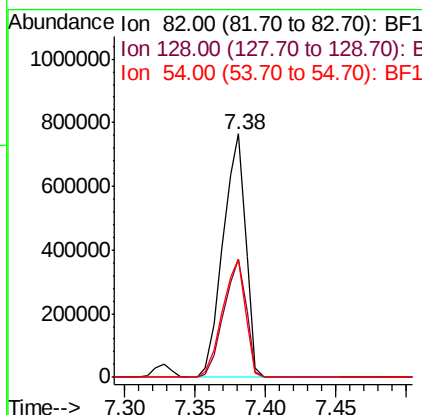
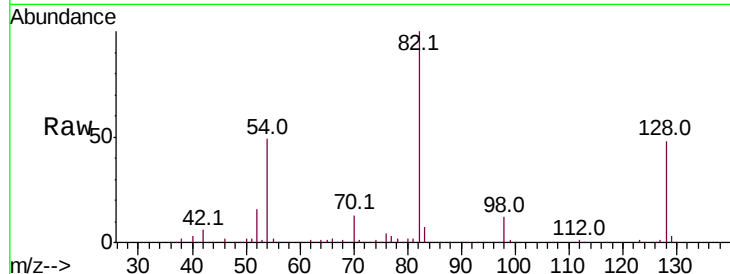
#23
 Nitrobenzene-d5
 Concen: 78.517 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleID :
 EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.2	57.4
54	48.5	38.7	58.1

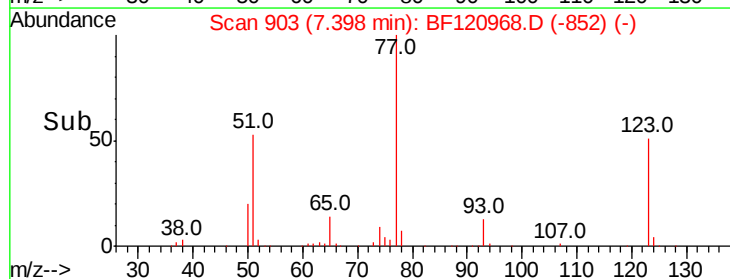
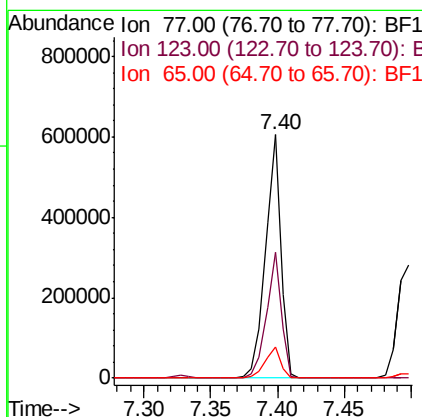
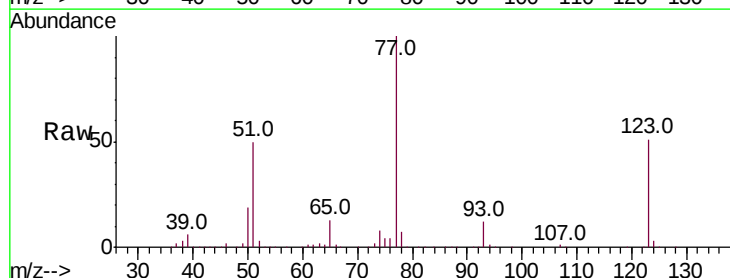
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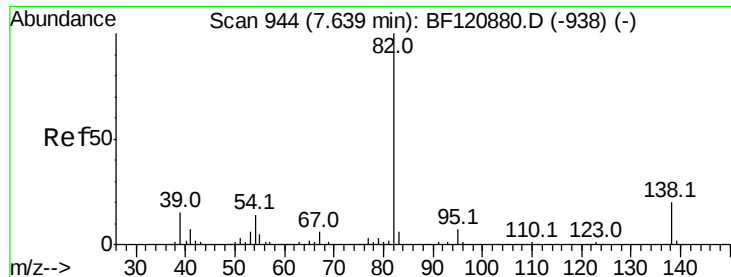
Sohil
 7/24/2020 12:10:44 PM



#24
 Nitrobenzene
 Concen: 41.045 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.5	40.1	60.1
65	13.0	10.8	16.2





#25

Isophorone

Concen: 41.967 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

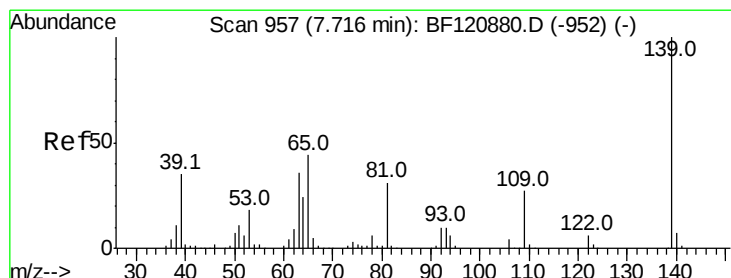
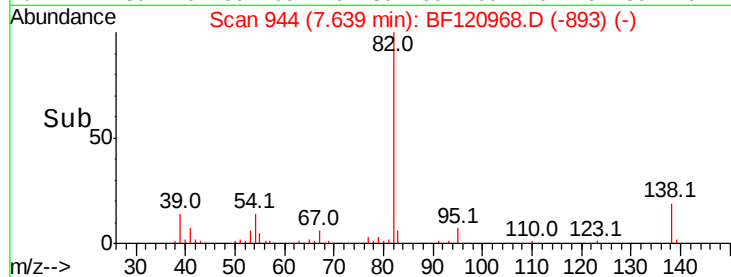
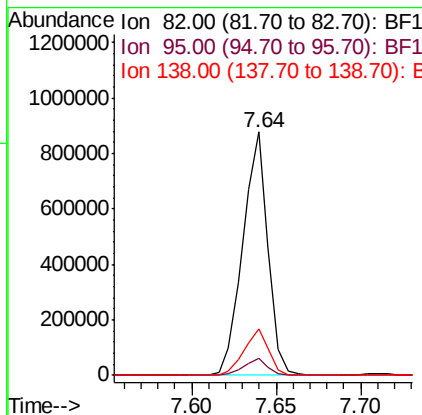
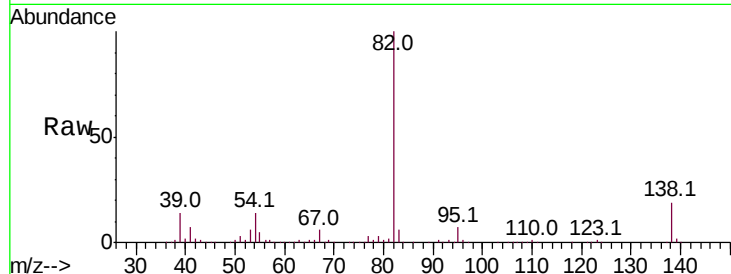
ClientSampleId :

EO-03-072020MSD

Tot Ion:	82	Resp:	908394
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	19.0	15.6	23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.576 ng

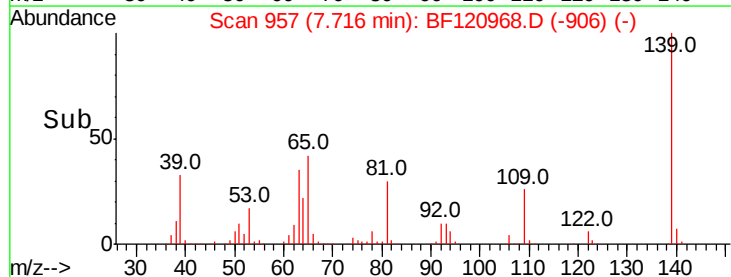
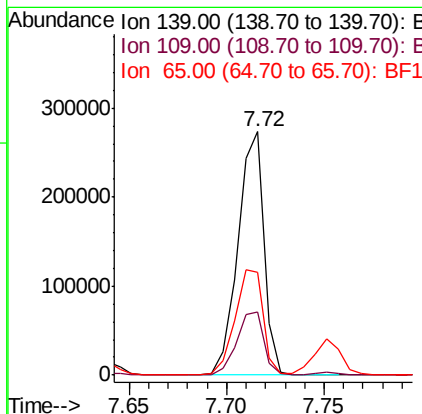
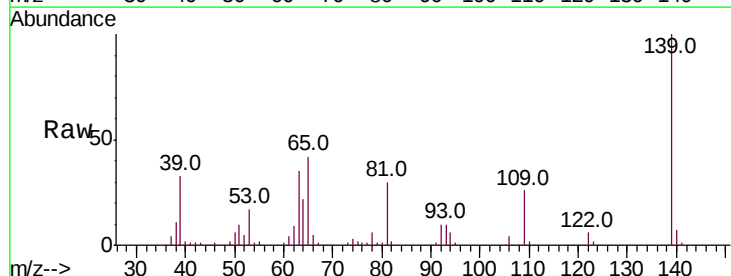
RT: 7.72 min Scan# 957

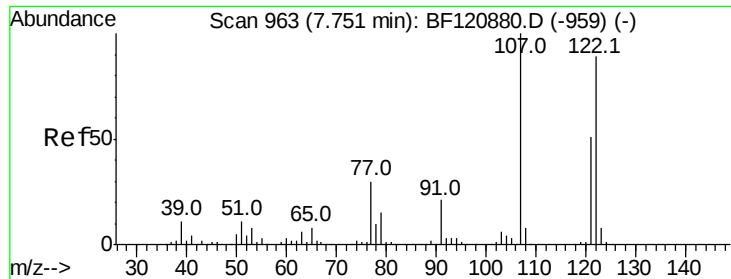
Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:	139	Resp:	253022
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.6	32.4
65	42.4	35.3	52.9





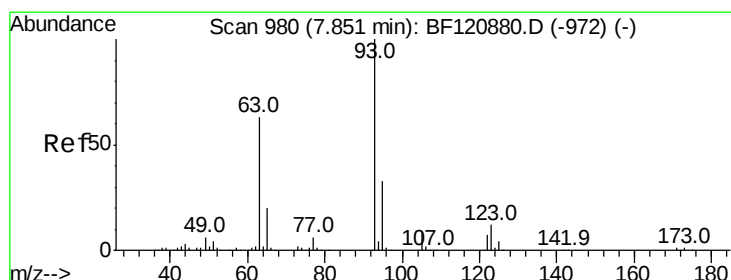
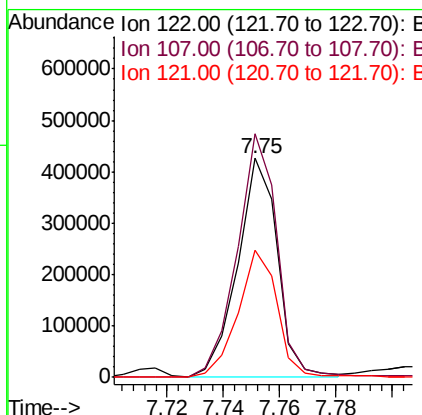
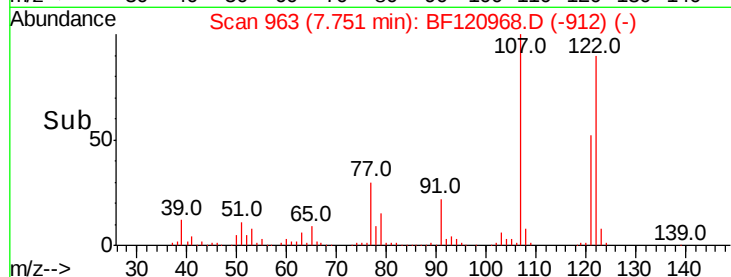
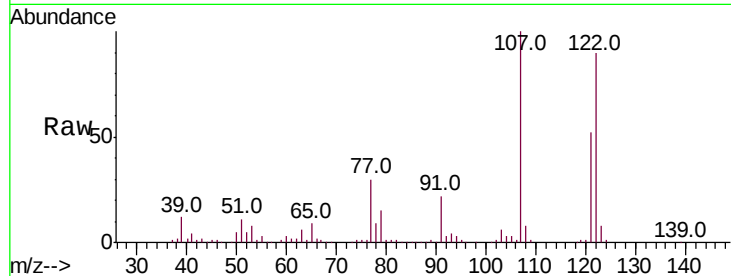
#27
2,4-Dimethylphenol
Concen: 46.347 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.4	134.0
121	57.9	46.0	69.0

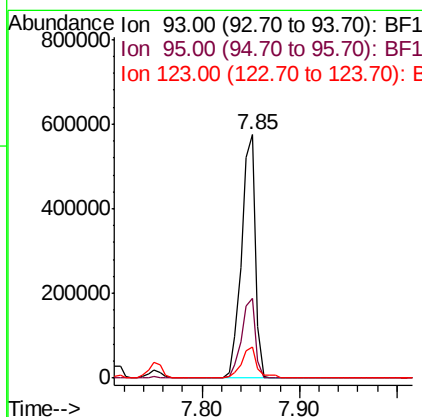
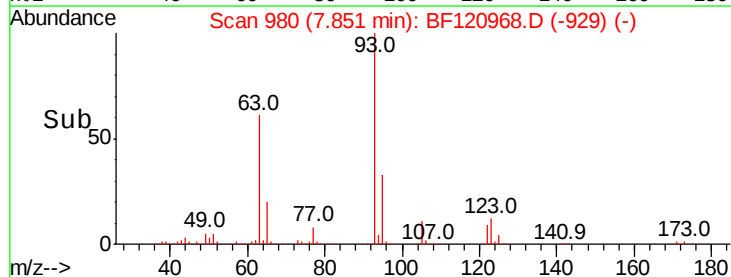
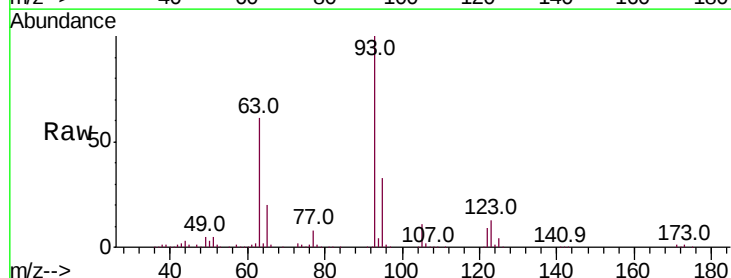
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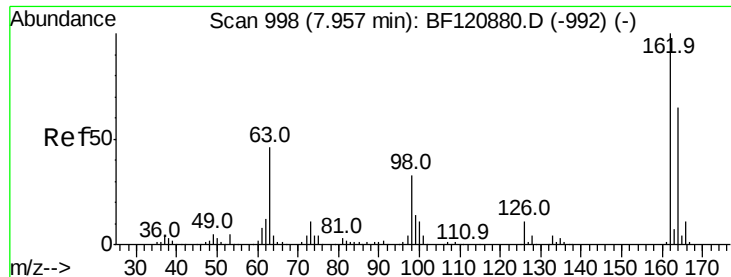
Sohil
7/24/2020 12:10:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.120 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	39.8
123	12.6	10.0	15.0





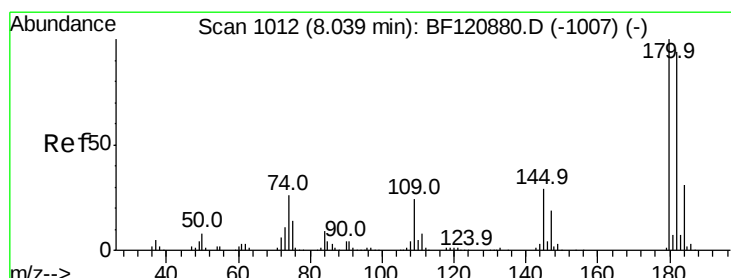
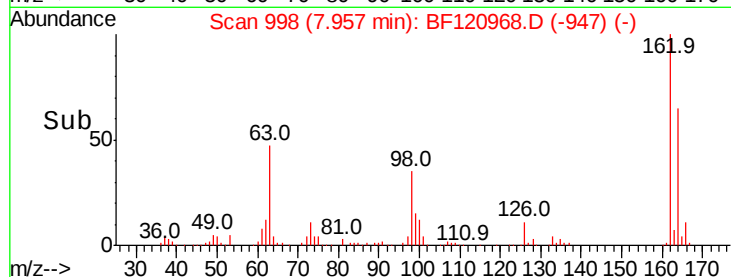
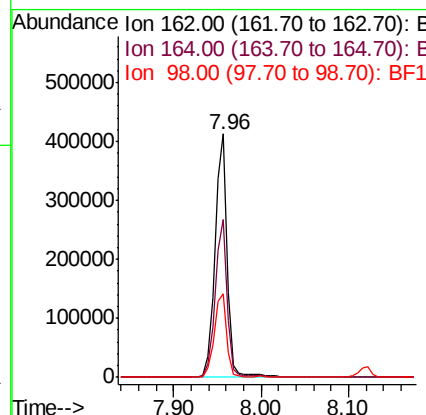
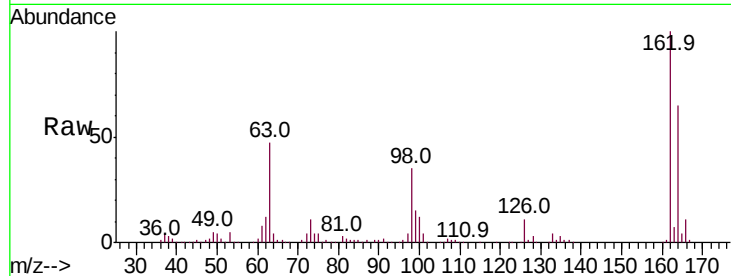
#29
 2,4-Dichlorophenol
 Concen: 43.467 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	45.3	85.3
98	34.5	13.3	53.3

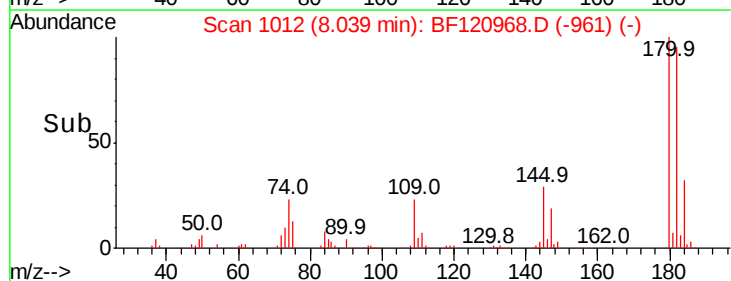
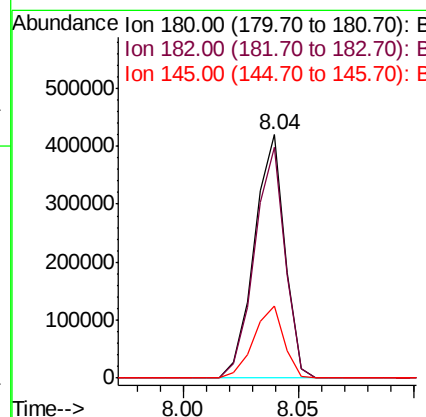
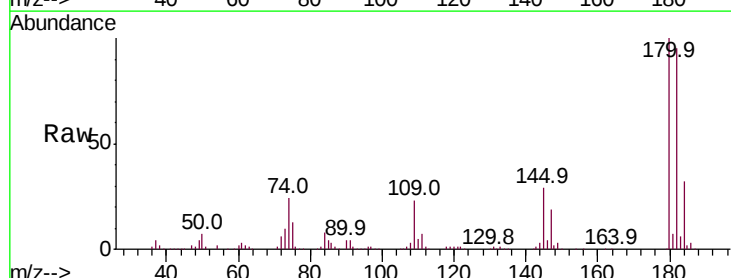
Manual Integrations
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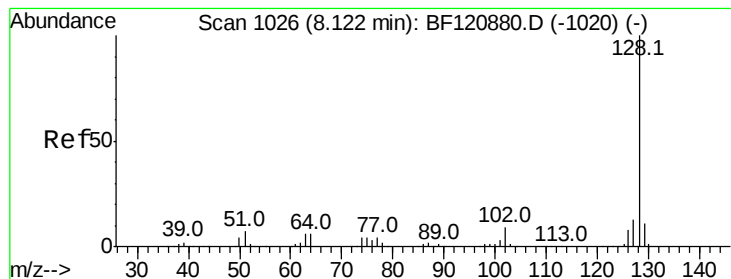
Sohil
 7/24/2020 12:10:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.079 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	75.0	112.6
145	29.4	23.5	35.3





#31

Naphthalene

Concen: 39.223 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

EO-03-072020MSD

Tot Ion:128 Resp: 1262621

Ion Ratio Lower Upper

128 100

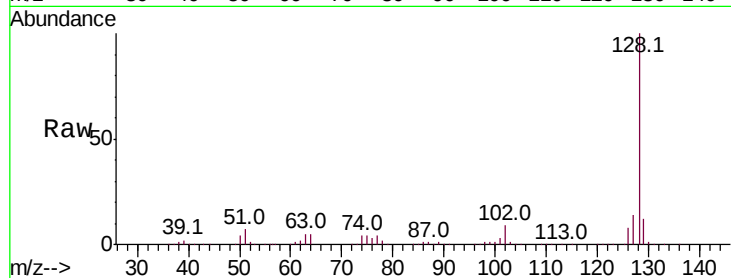
129 11.8 9.1 13.7

127 13.7 10.7 16.1

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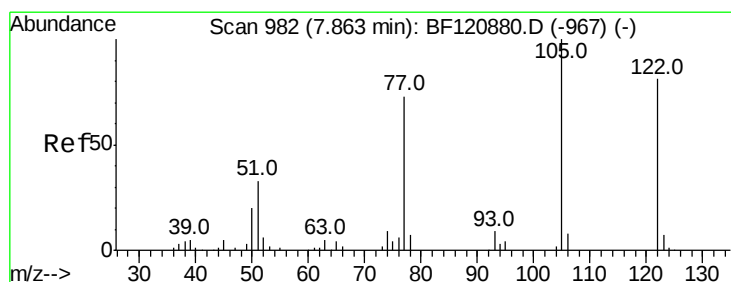
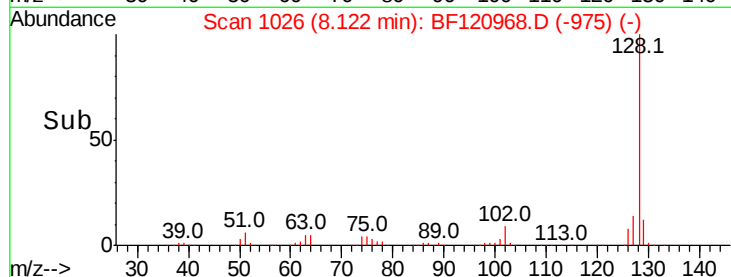
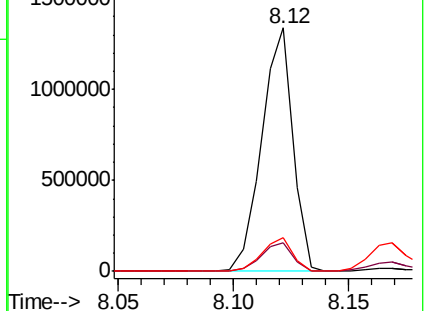
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.149 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

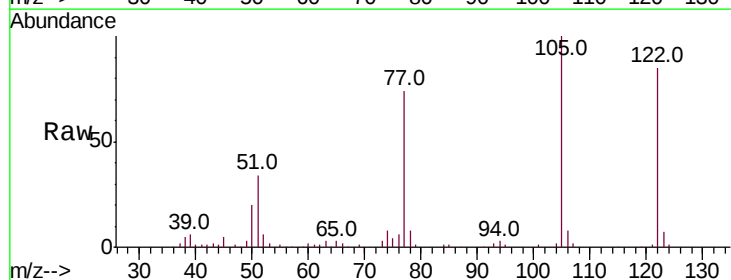
Tgt Ion:122 Resp: 251362

Ion Ratio Lower Upper

122 100

105 118.2 101.3 141.3

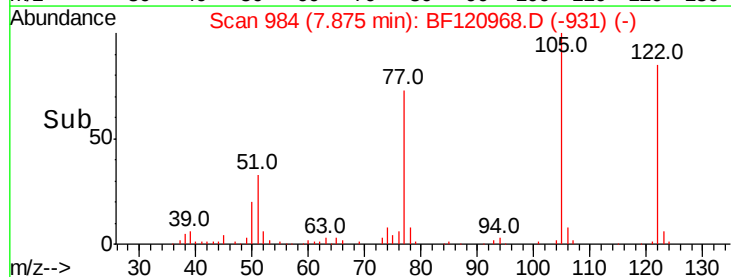
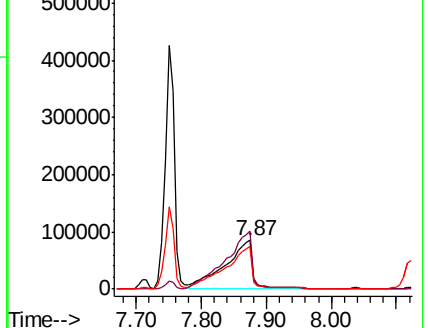
77 87.3 69.1 109.1

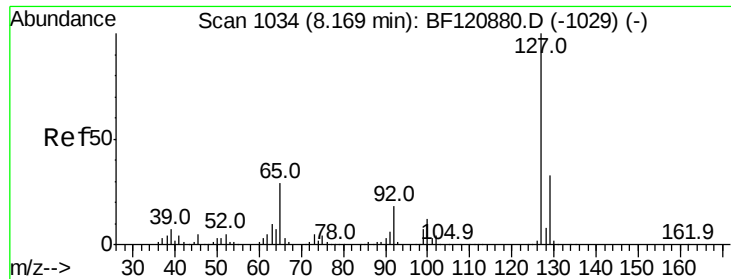


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





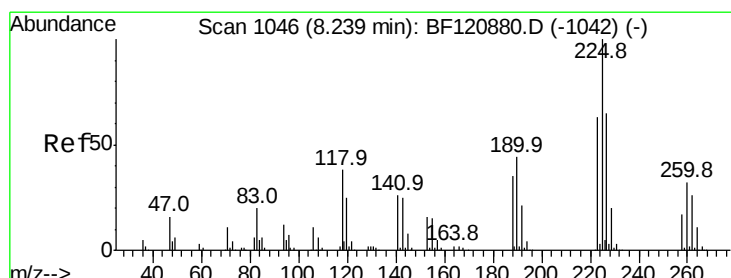
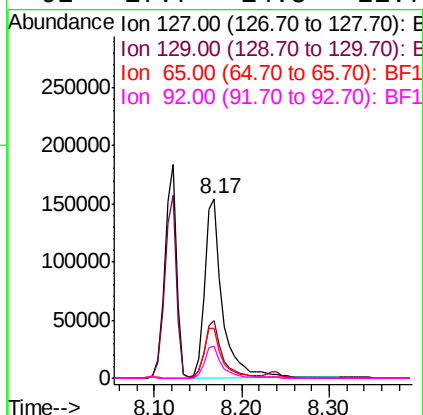
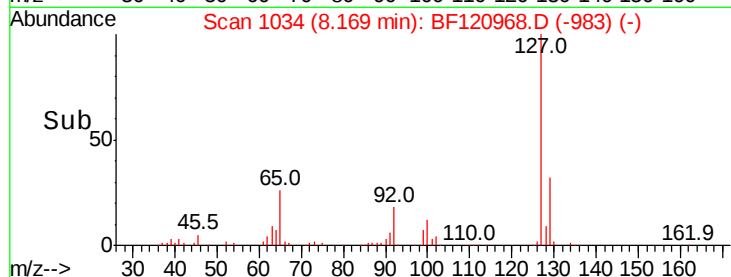
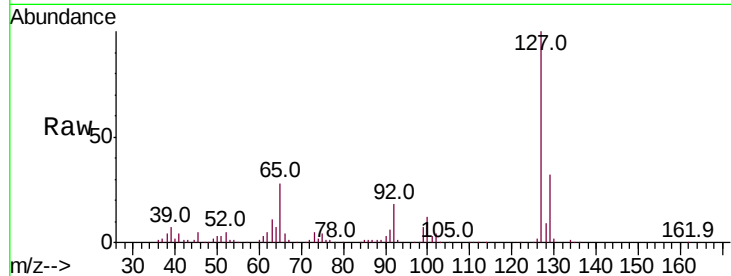
#33
4-Chloroaniline
Concen: 15.182 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	28.0	23.0	34.4
92	17.7	14.5	21.7

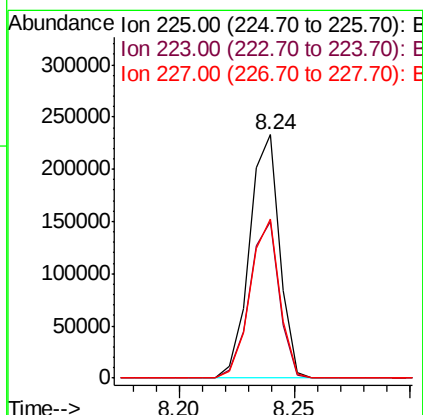
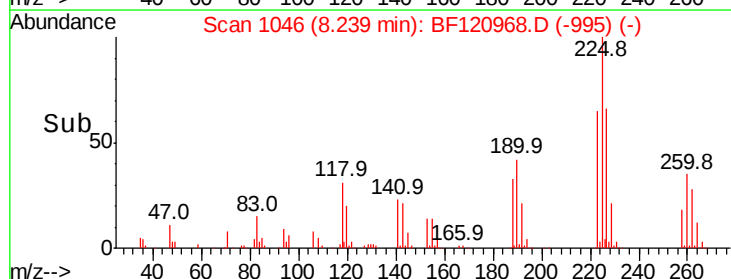
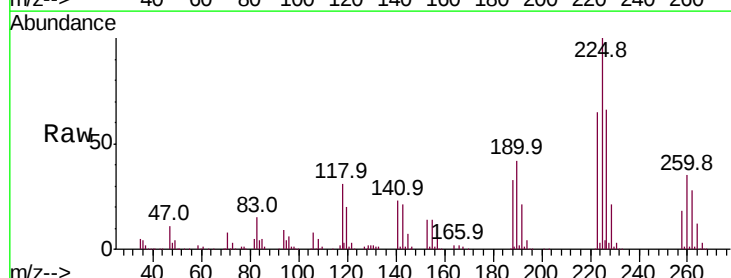
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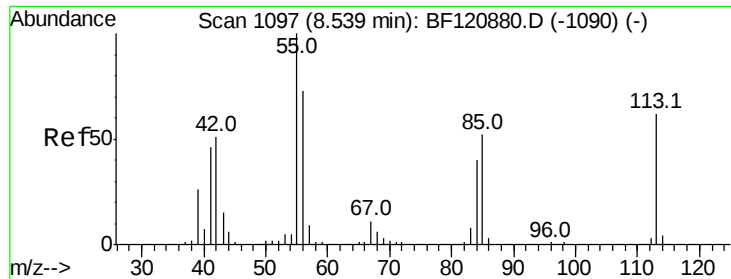
Sohil
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#34
Hexachlorobutadiene
Concen: 35.358 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	65.5	52.2	78.2





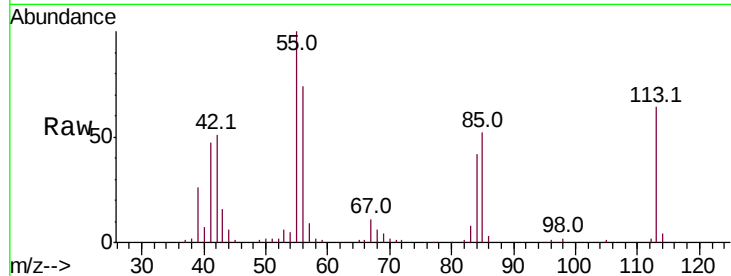
#35
Caprolactam
Concen: 32.414 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.9	143.3	183.3
56	116.0	99.4	139.4

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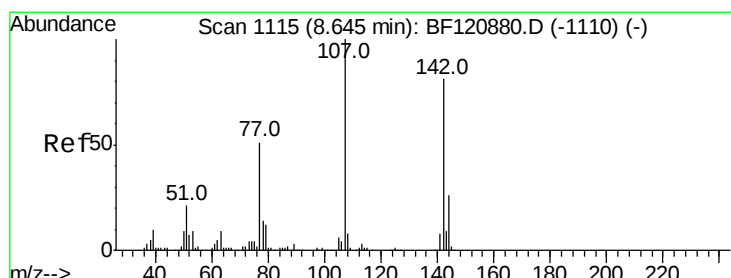
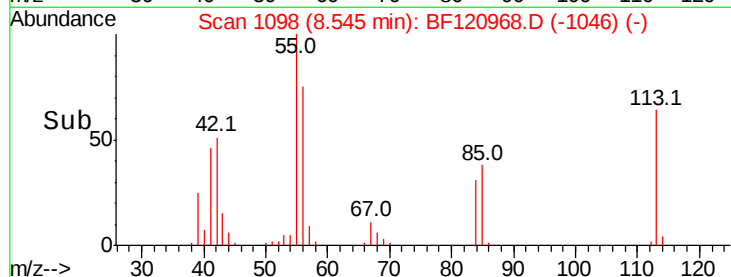
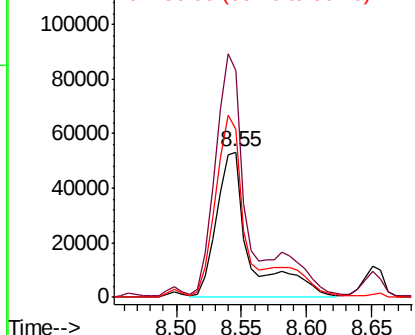


Abundance

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: 44.361 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

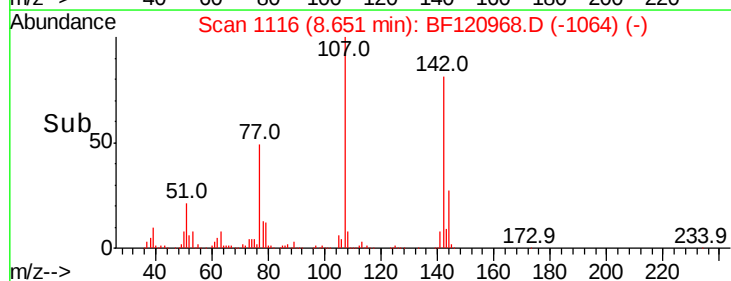
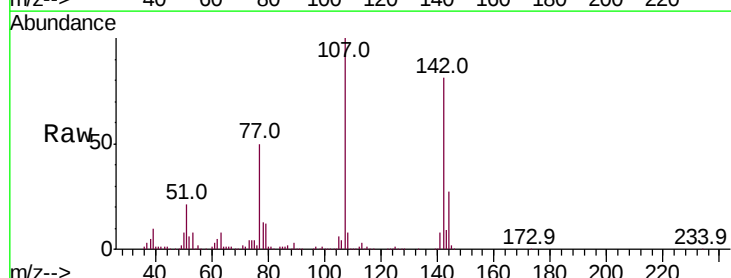
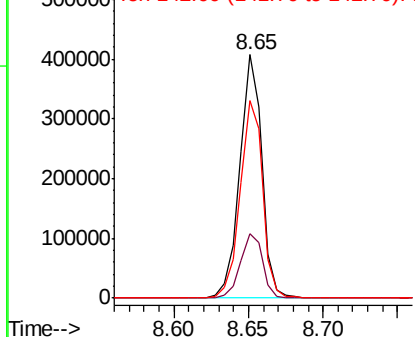
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.0	31.6
142	81.3	65.0	97.6

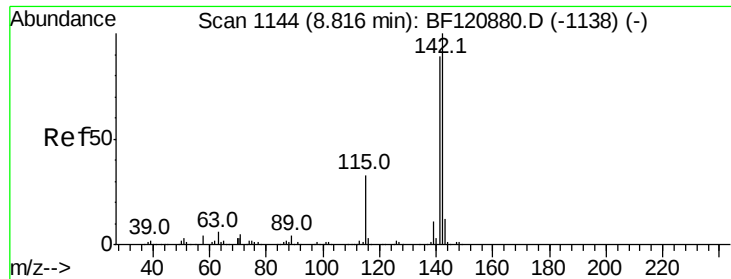
Abundance

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: 42.239 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

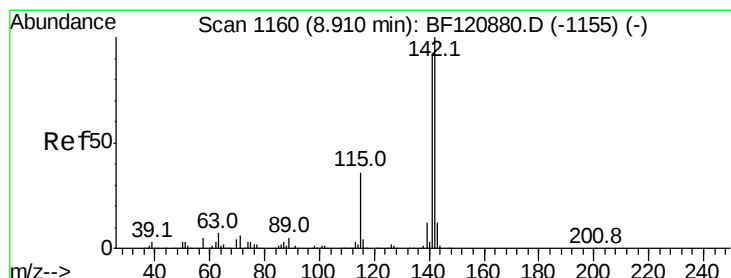
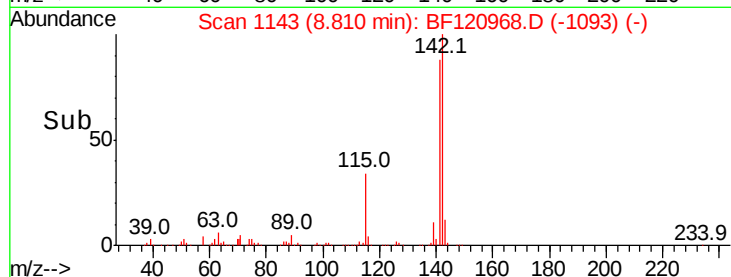
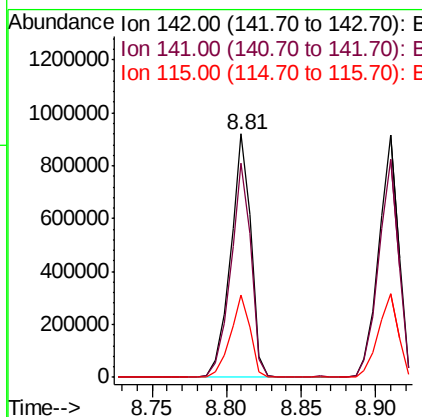
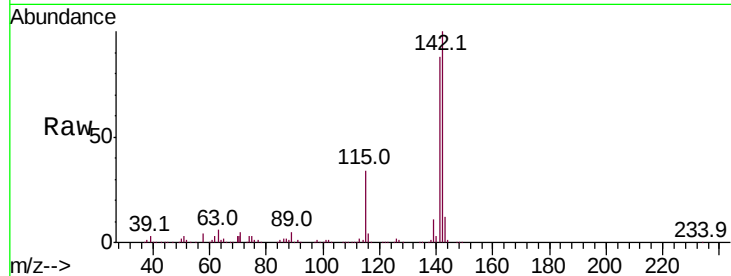
Instrument :
BNA_F

ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	882860		
141	88.1	71.0	106.4	
115	33.7	26.0	39.0	

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#38

1-Methylnaphthalene

Concen: 41.791 ng

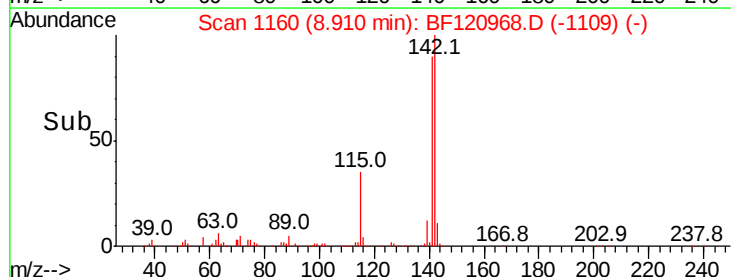
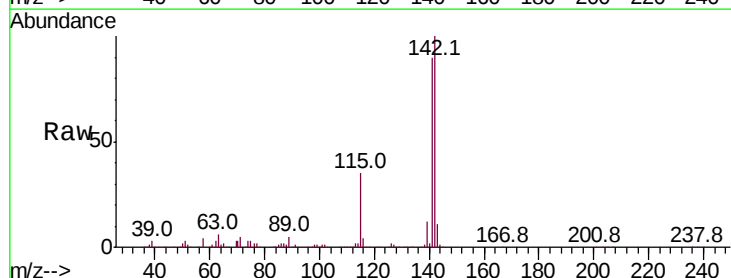
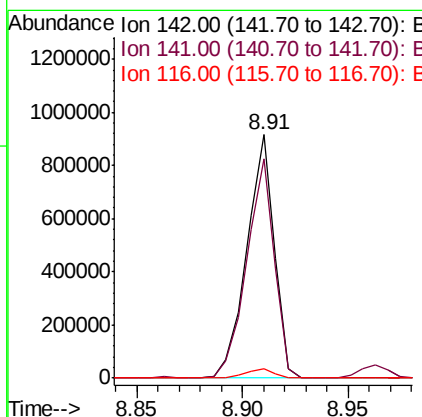
RT: 8.91 min Scan# 1160

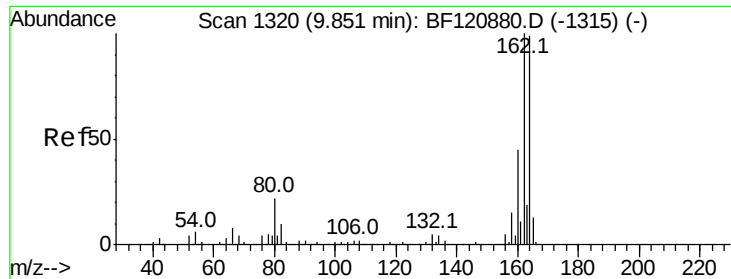
Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	827285		
141	90.2	73.7	110.5	
116	3.6	3.0	4.6	





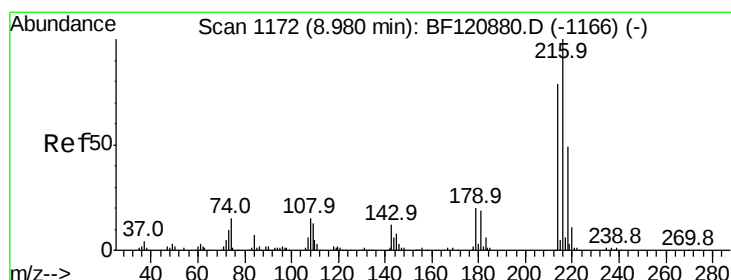
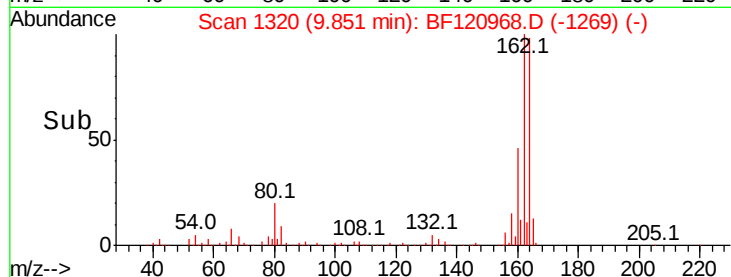
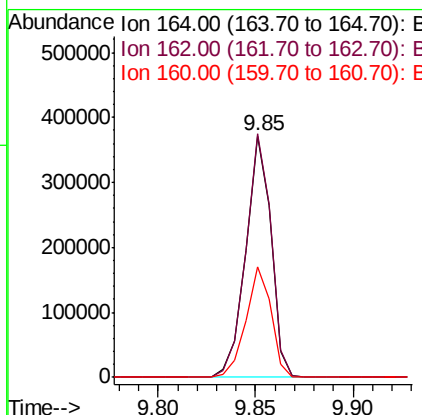
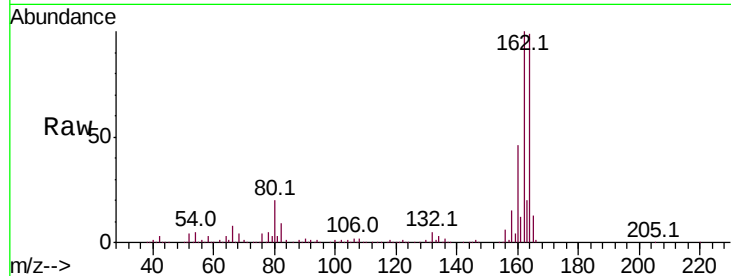
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.2	121.8
160	45.9	36.9	55.3

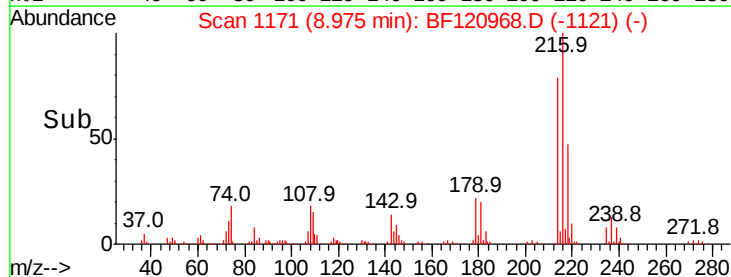
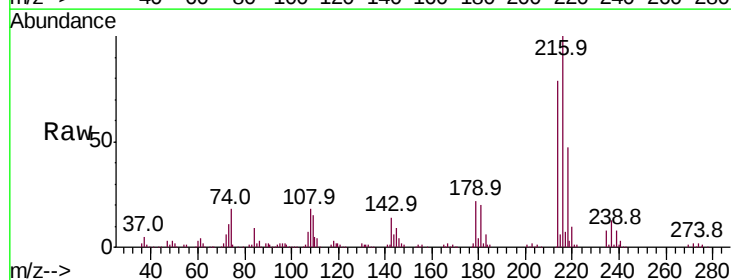
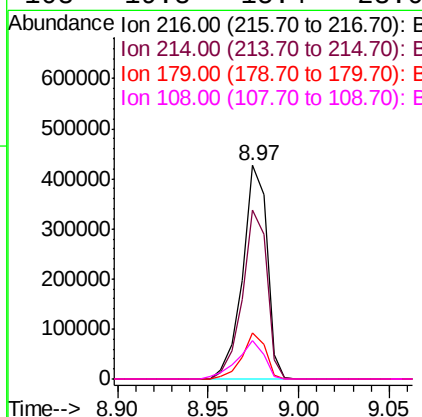
Manual Integrations
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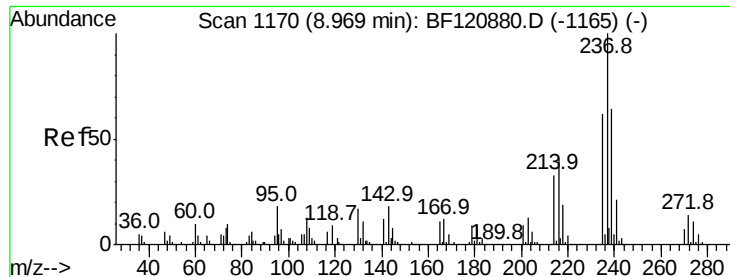
Sohil
7/24/2020 12:10:44 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.208 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	20.6	16.6	24.8
108	19.8	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 72.032 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

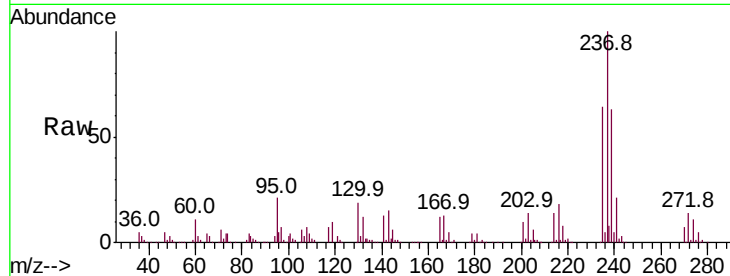
ClientSampleId :

EO-03-072020MSD

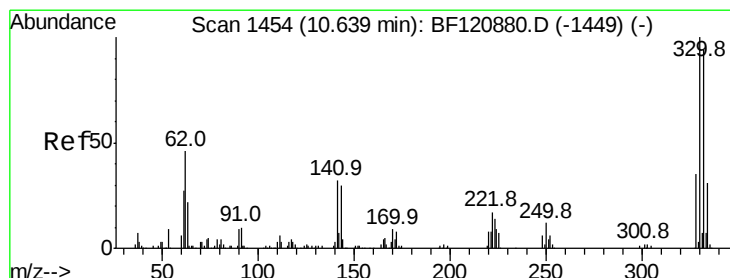
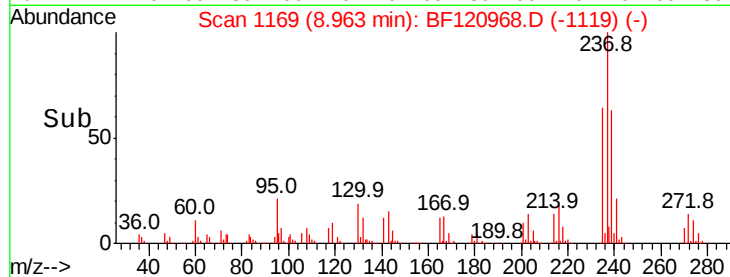
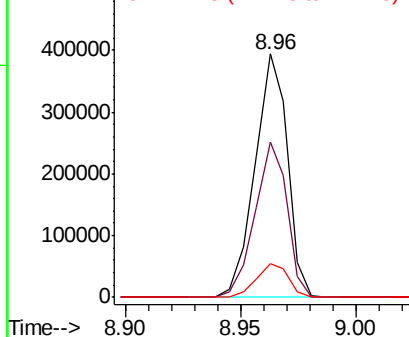
Tot Ion:	237	Resp:	386023
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.6	81.6
272	13.7	0.0	33.7

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: 113.156 ng

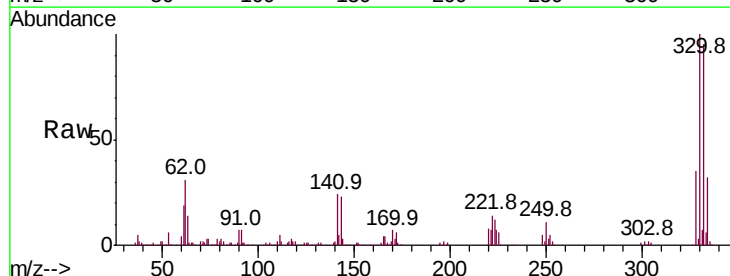
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

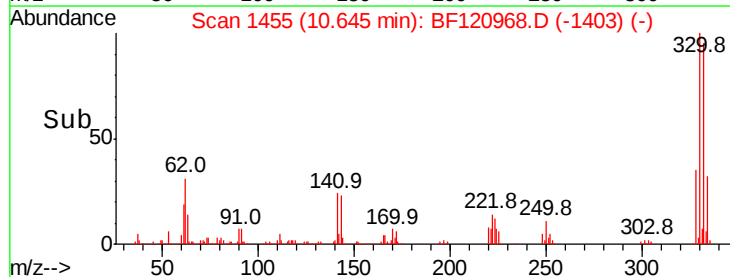
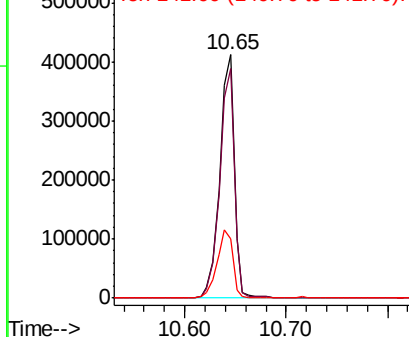
Lab File: BF120968.D

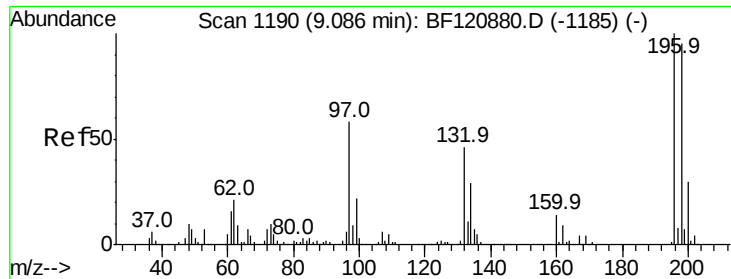
Acq: 22 Jul 2020 17:04

Tgt Ion:	330	Resp:	412214
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.5	113.3
141	30.3	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





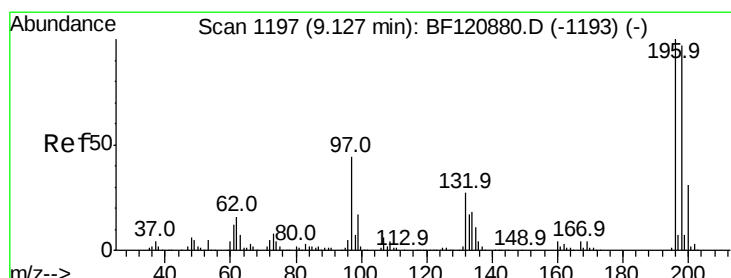
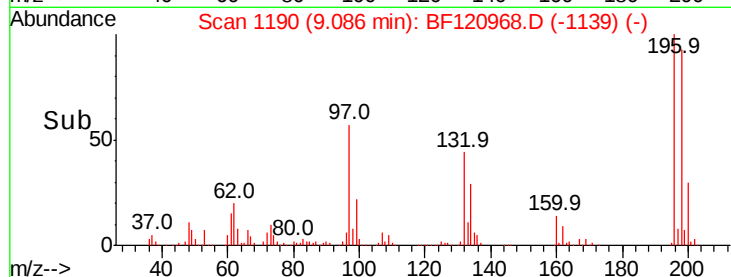
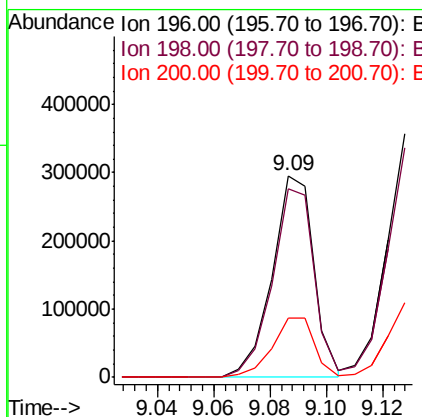
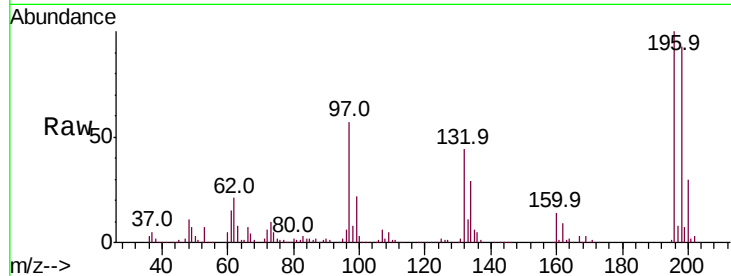
#43
 2,4,6-Trichlorophenol
 Concen: 44.129 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	301277		
198	93.3	75.7	113.5	
200	29.7	24.4	36.6	

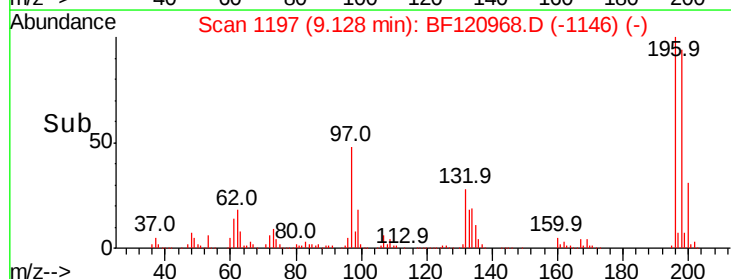
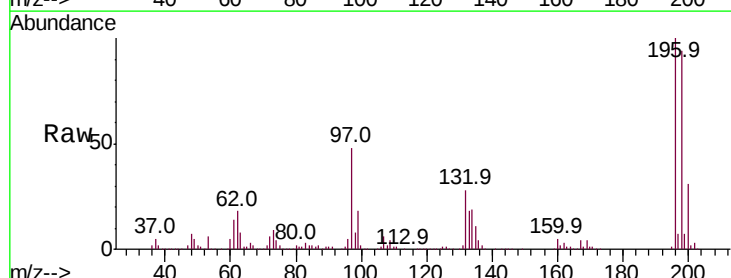
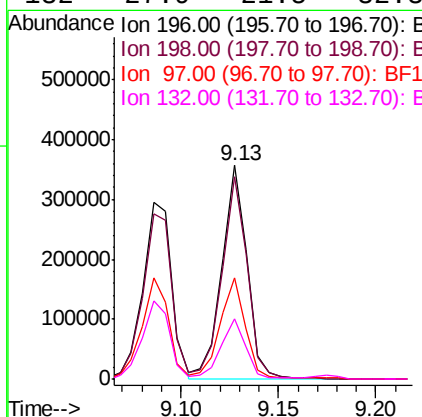
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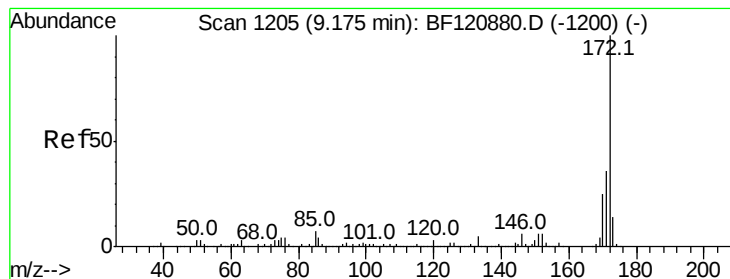
Sohil
 7/24/2020 12:10:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.275 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319650		
198	94.5	77.6	116.4	
97	47.7	35.6	53.4	
132	27.9	21.5	32.3	





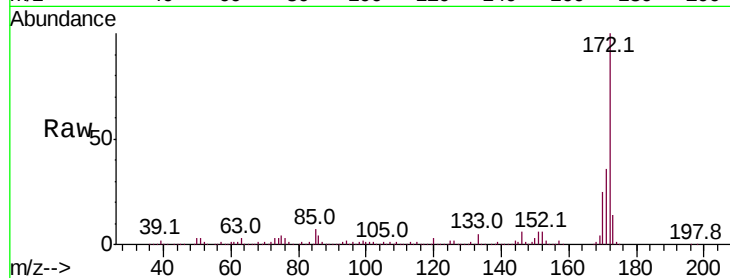
#45
2-Fluorobiphenyl
Concen: 67.195 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.6	19.6	29.4

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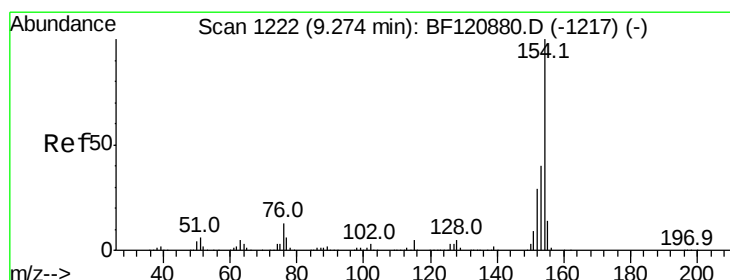
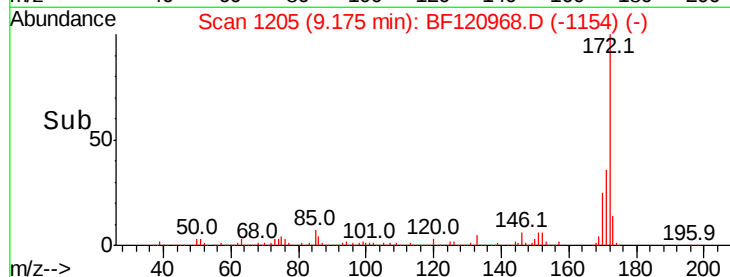
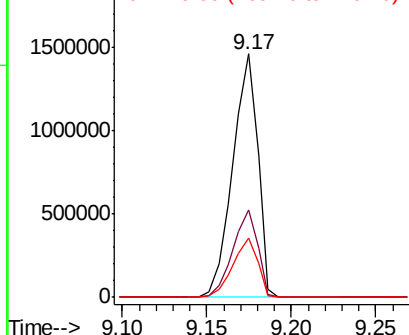


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.712 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

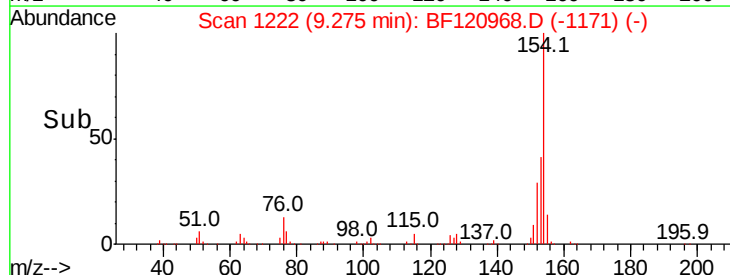
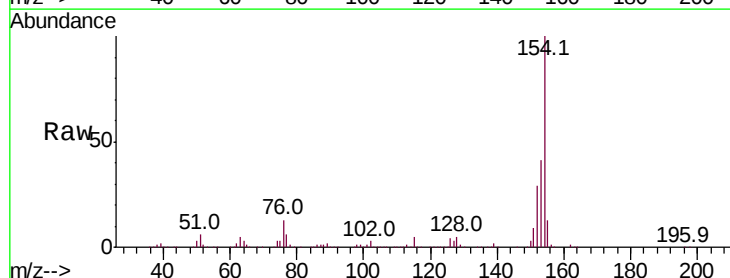
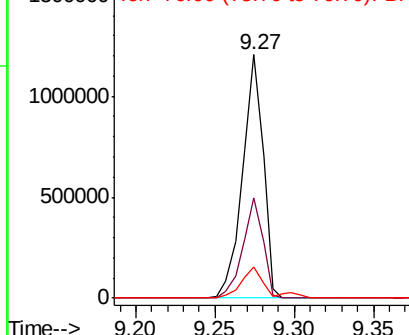
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	12.9	0.0	33.1

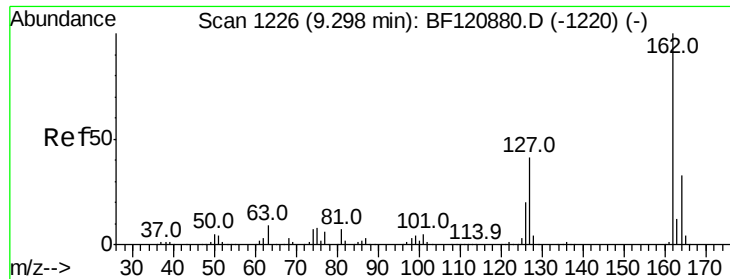
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





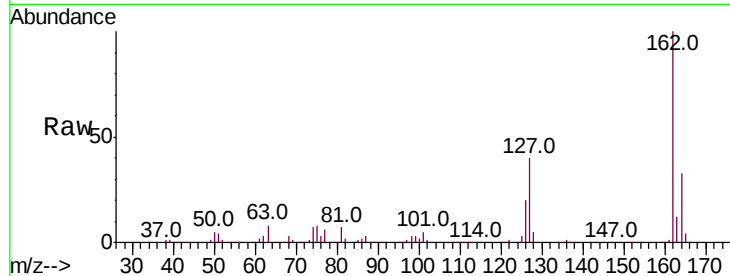
#47
 2-Chloronaphthalene
 Concen: 40.113 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

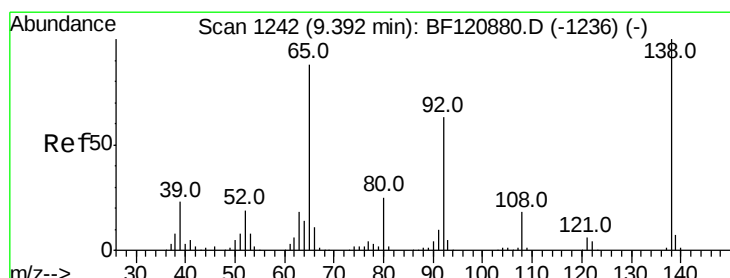
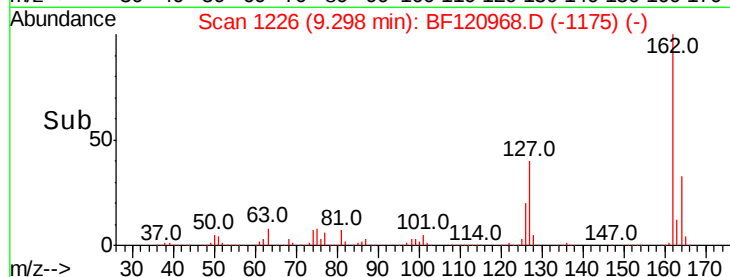
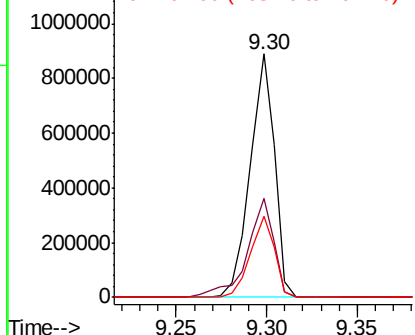
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.3	49.9
164	33.3	26.6	39.8

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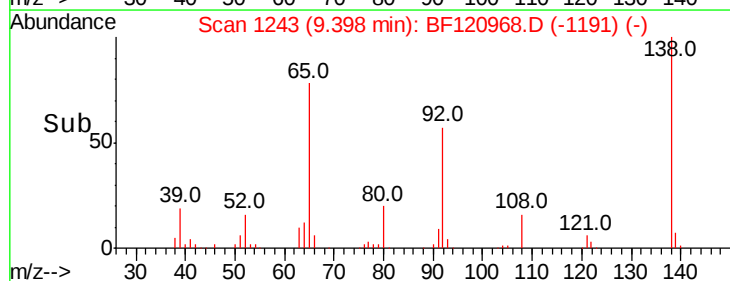
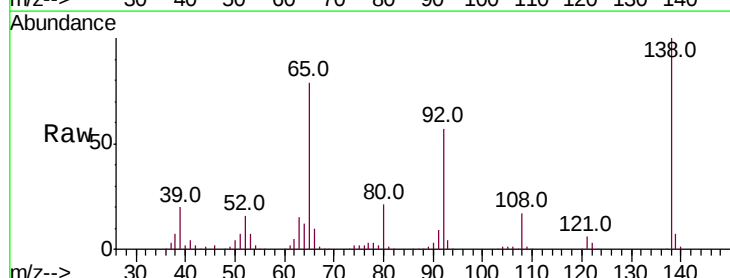
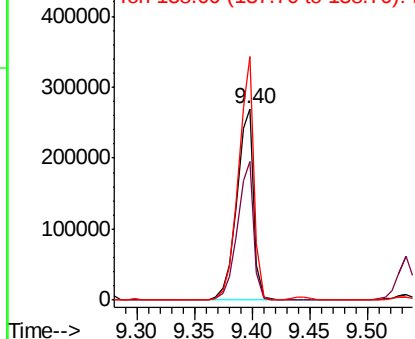
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

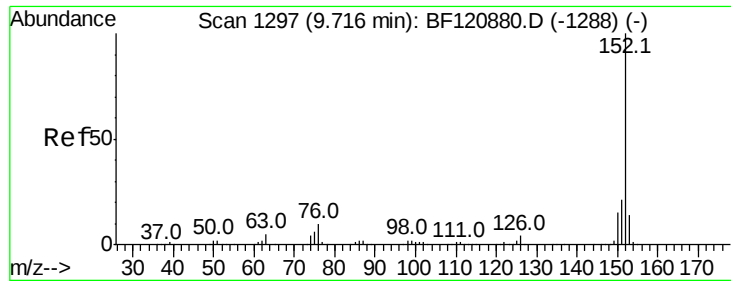


#48
 2-Nitroaniline
 Concen: 43.287 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	57.0	85.4
138	127.0	90.4	135.6

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





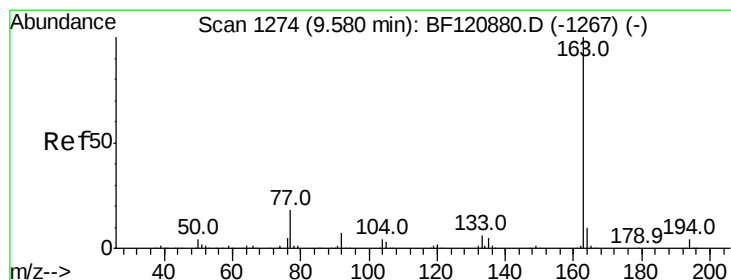
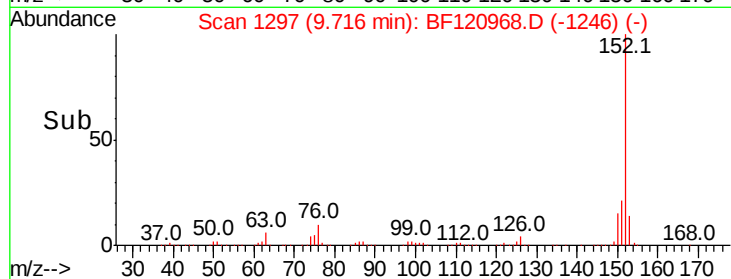
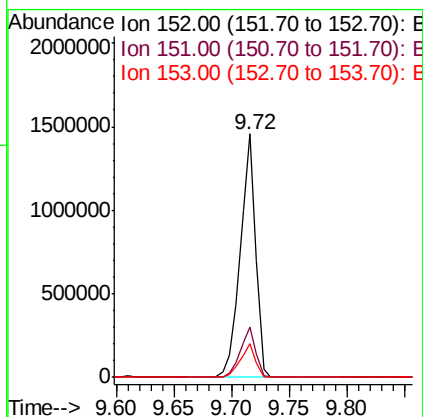
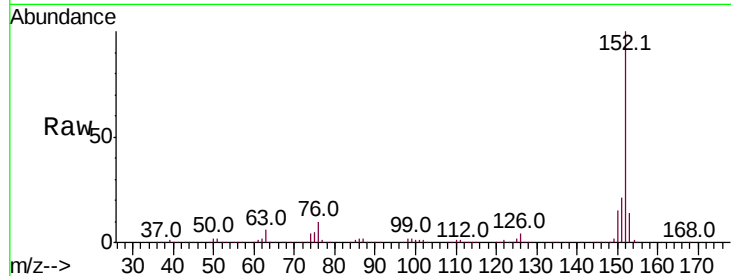
#49
Acenaphthylene
Concen: 41.979 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.7	10.9	16.3

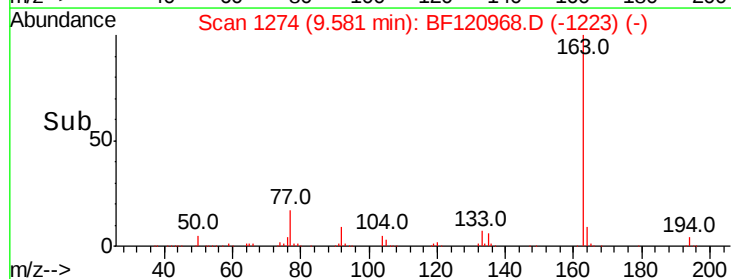
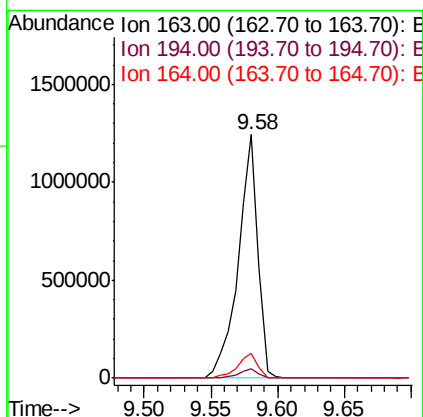
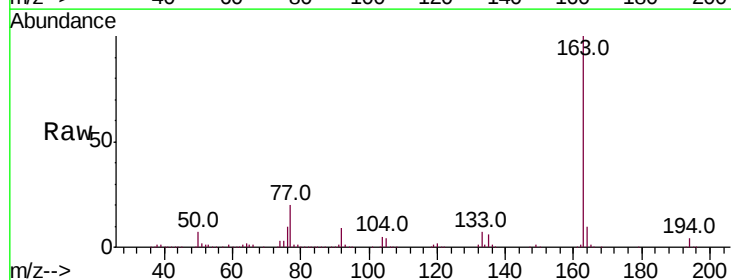
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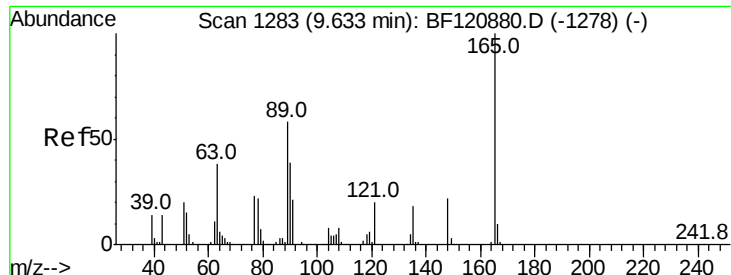
Sohil
7/24/2020 12:10:44 PM



#50
Dimethylphthalate
Concen: 52.859 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	7.9	11.9





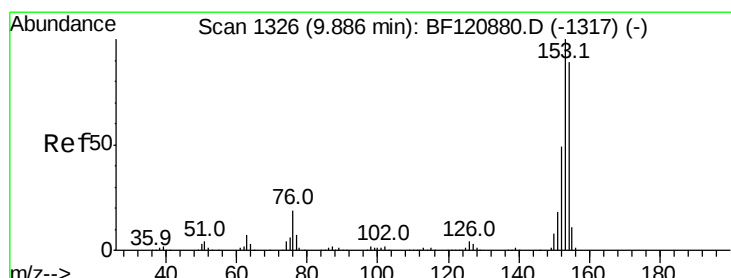
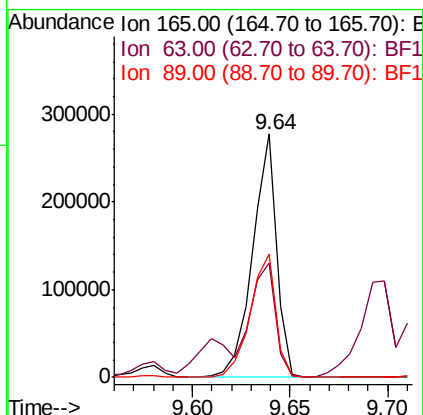
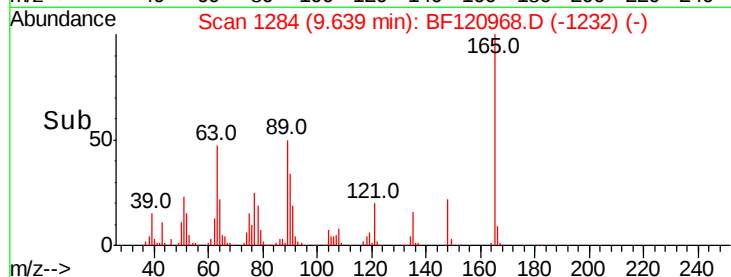
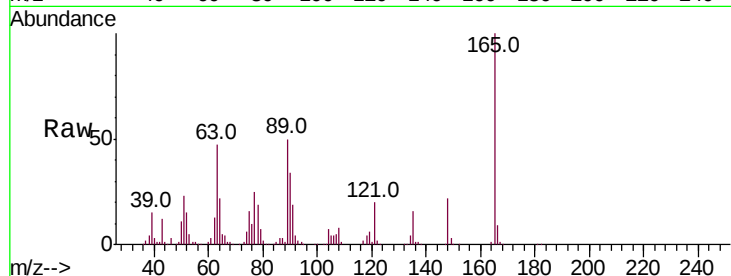
#51
2,6-Dinitrotoluene
Concen: 45.840 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.1	45.4	68.2	
89	50.4	47.0	70.4	

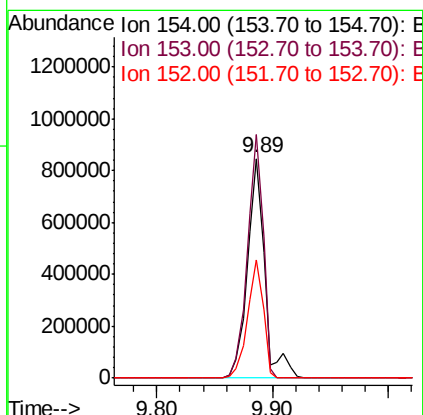
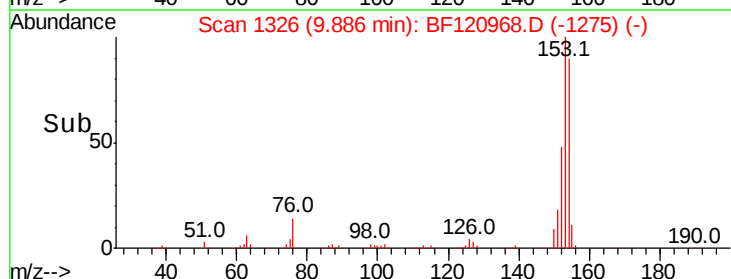
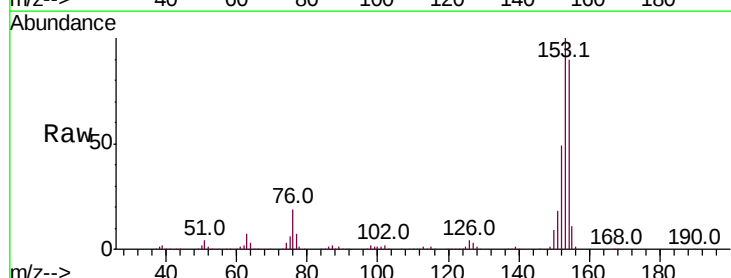
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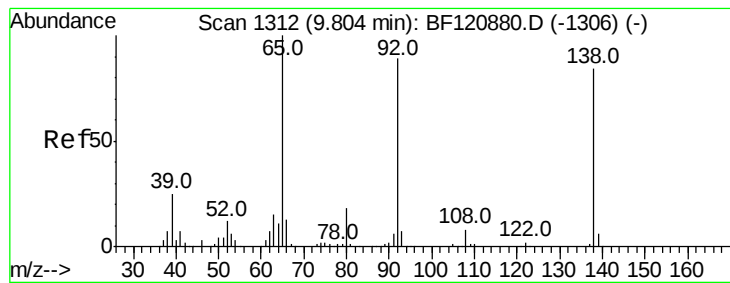
Sohil
7/24/2020 12:10:44 PM



#52
Acenaphthene
Concen: 42.733 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.0	89.5	134.3	
152	53.8	44.2	66.2	





#53

3-Nitroaniline

Concen: 20.921 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

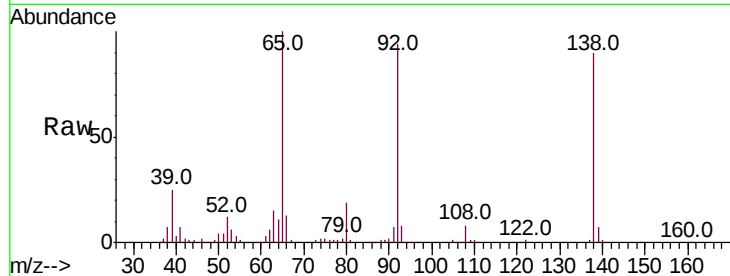
ClientSampleId :

EO-03-072020MSD

Tot Ion:	138	Resp:	135350
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.9	11.9
92	104.6	85.3	127.9

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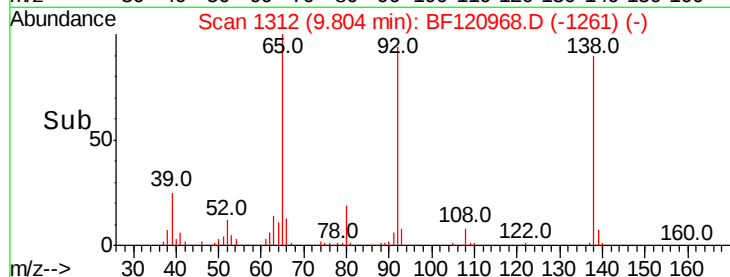


Abundance Ion 138.00 (137.70 to 138.70): E

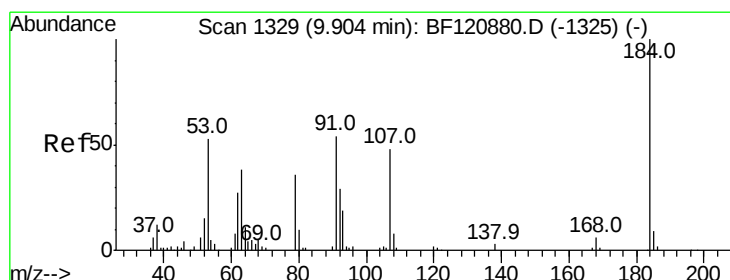
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->



Time-->



#54

2,4-Dinitrophenol

Concen: 48.053 ng

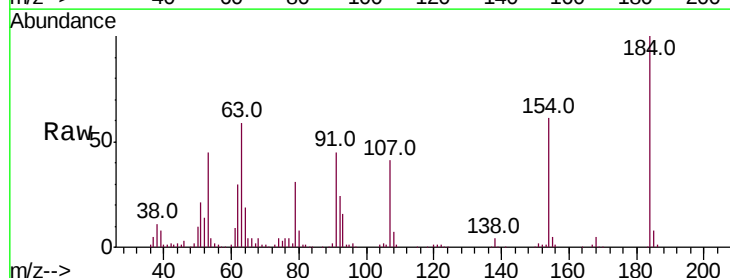
RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:	184	Resp:	133816
Ion Ratio	Lower	Upper	
184	100		
63	59.2	57.9	86.9
154	60.6	52.6	78.8

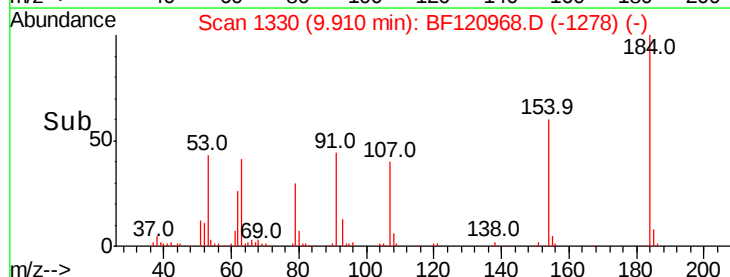


Abundance Ion 184.00 (183.70 to 184.70): E

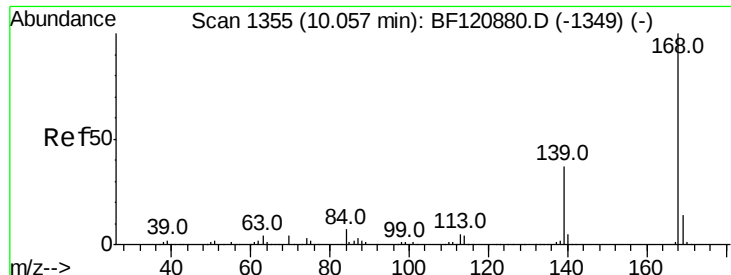
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

Time-->



Time-->



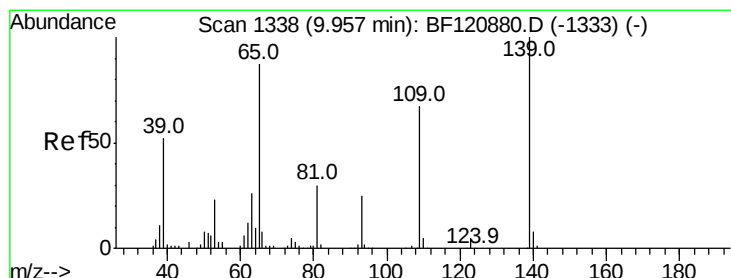
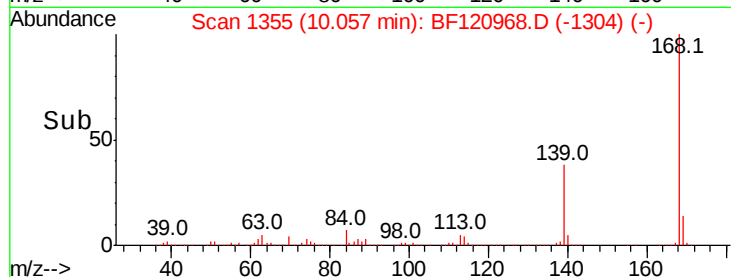
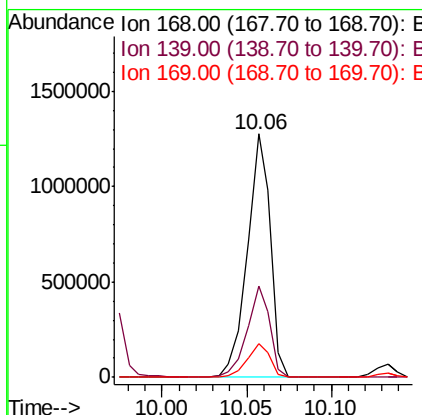
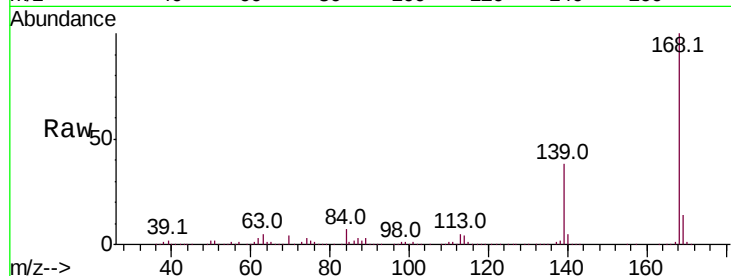
#55
Dibenzenofuran
Concen: 41.202 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion:168 Resp: 1218026
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5
169 14.0 11.1 16.7

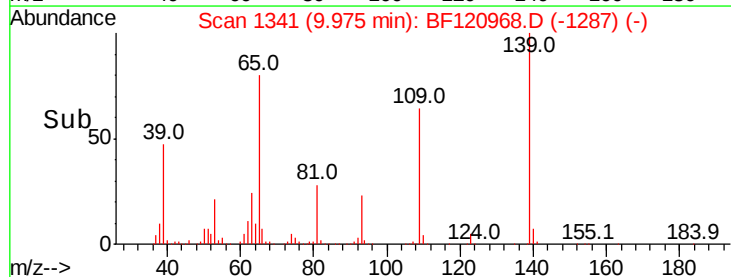
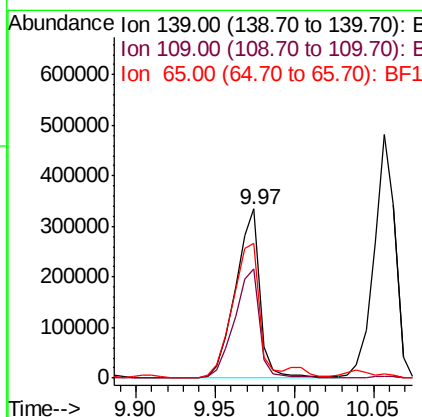
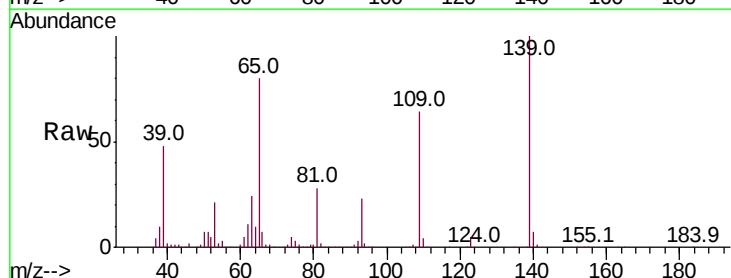
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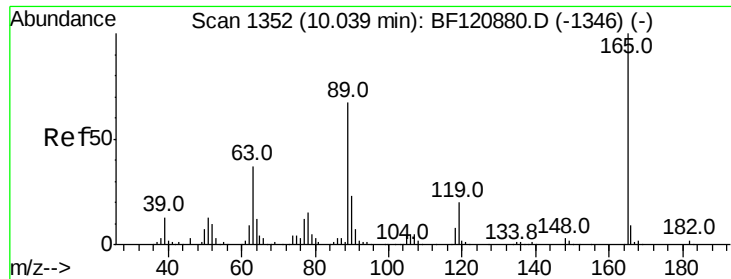
Sohil
7/24/2020 12:10:44 PM



#56
4-Nitrophenol
Concen: 72.969 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:139 Resp: 358595
Ion Ratio Lower Upper
139 100
109 64.2 47.3 87.3
65 79.9 67.2 107.2





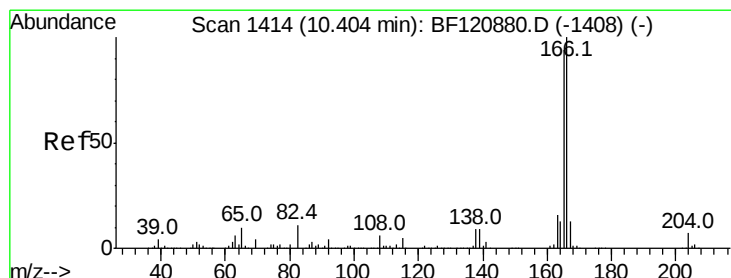
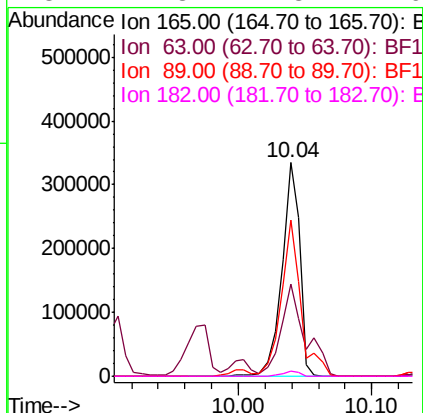
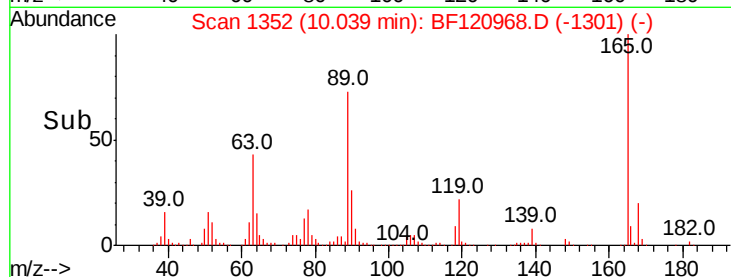
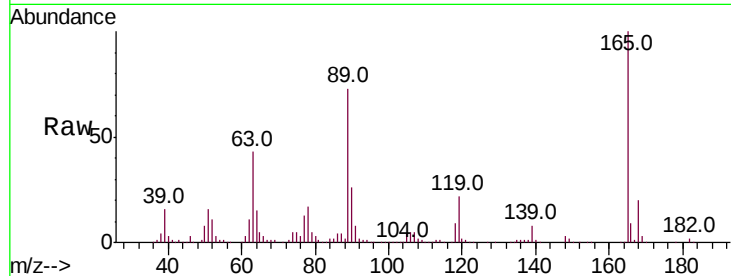
#57
2,4-Dinitrotoluene
Concen: 46.310 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	29.4	44.2
89	73.1	53.4	80.0
182	2.3	1.8	2.6

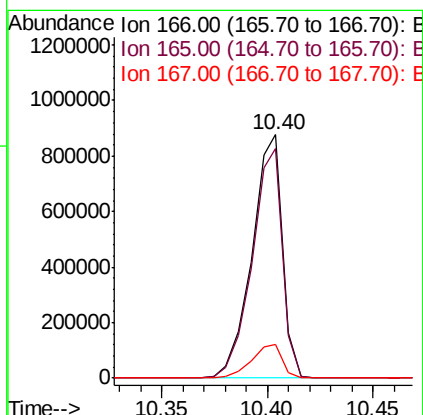
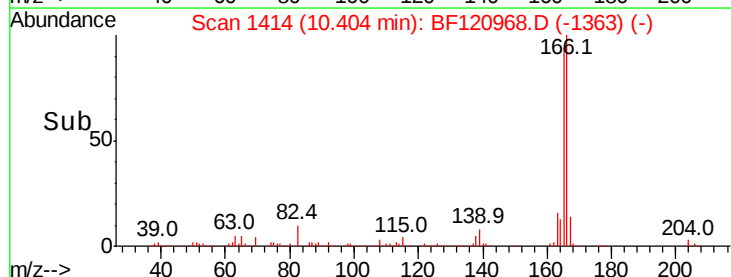
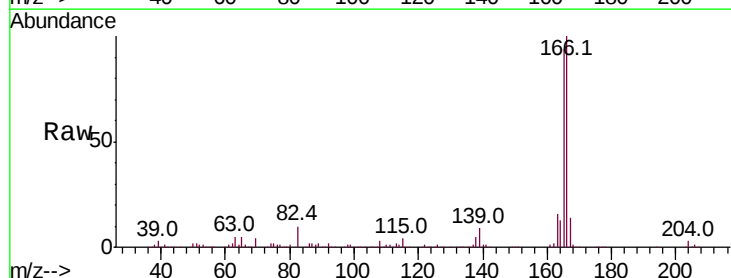
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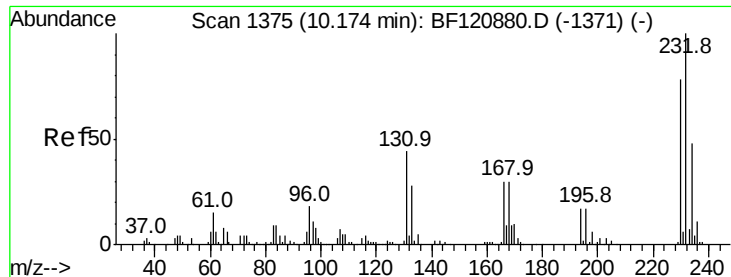
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#58
Fluorene
Concen: 39.779 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.4	113.0
167	13.6	10.6	15.8





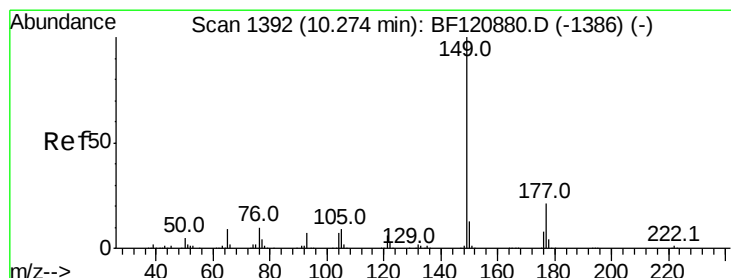
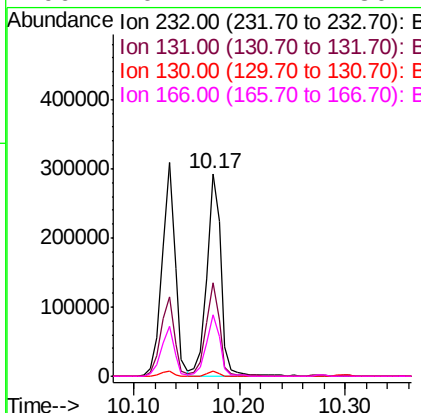
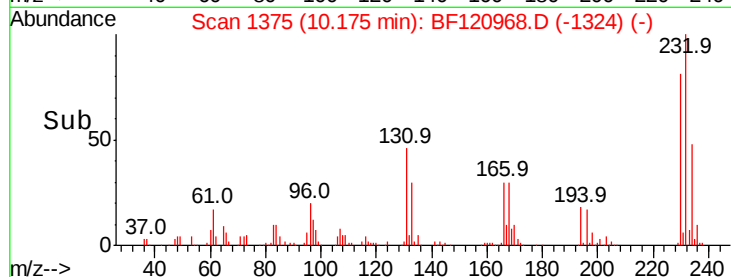
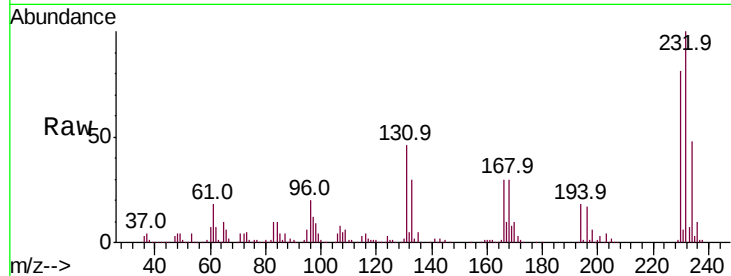
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.366 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	37.1	55.7
130	2.1	1.7	2.5
166	29.7	24.2	36.4

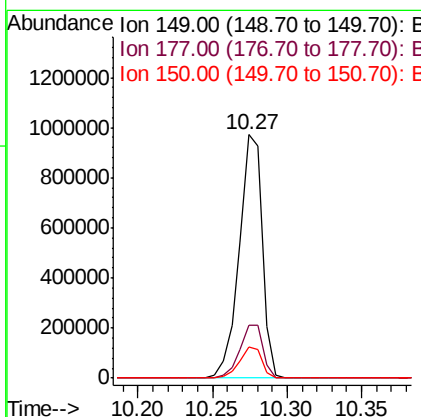
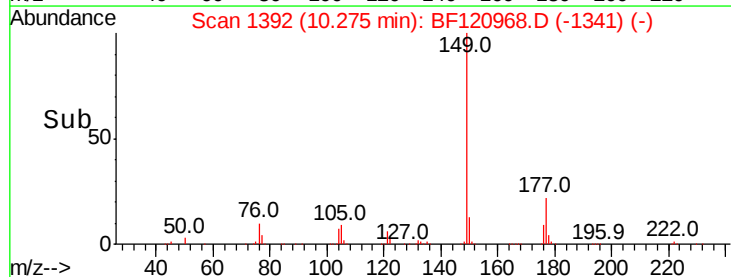
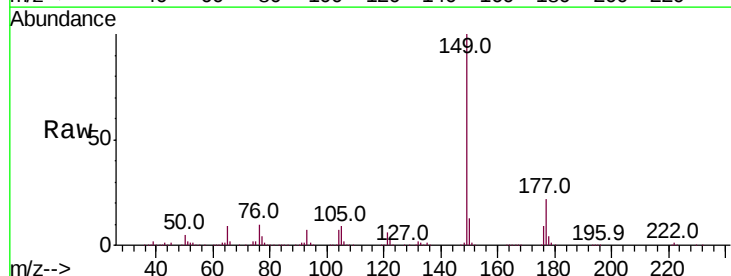
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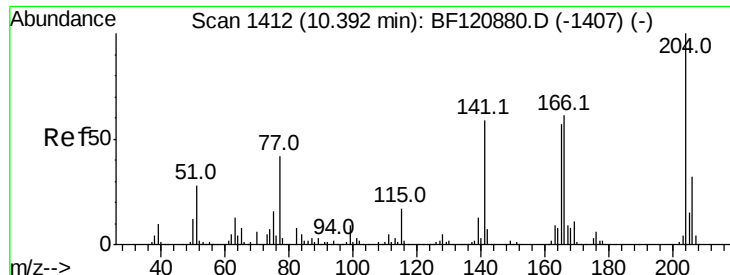
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#60
 Diethylphthalate
 Concen: 42.973 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	10.3	15.5





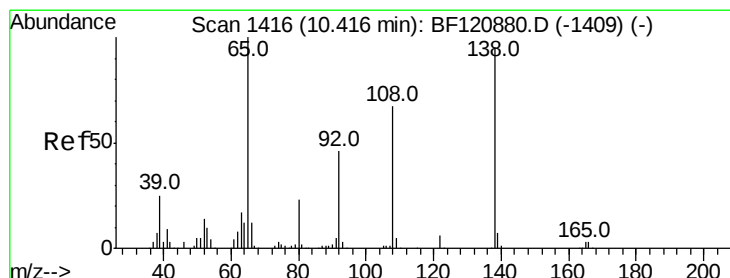
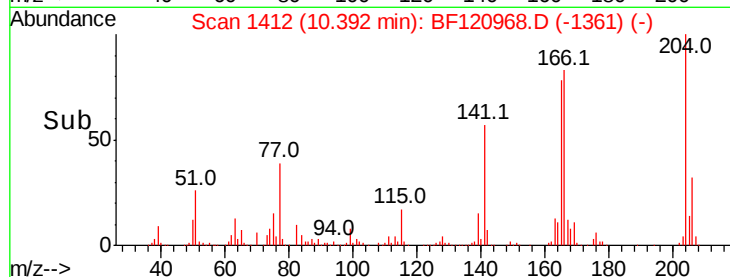
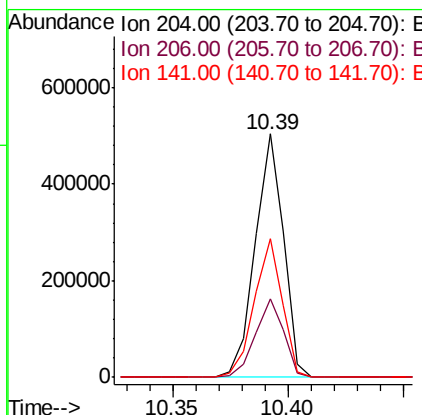
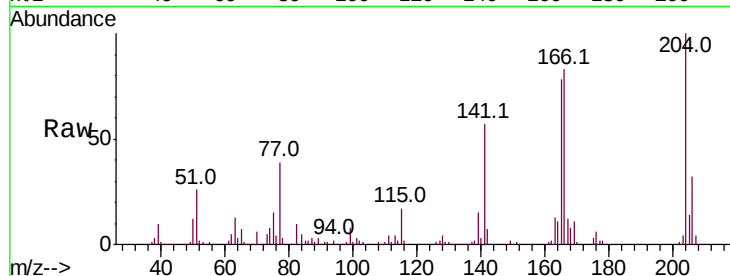
#61
4-Chlorophenyl-phenylether
Concen: 36.867 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.9	38.9
141	56.7	47.2	70.8

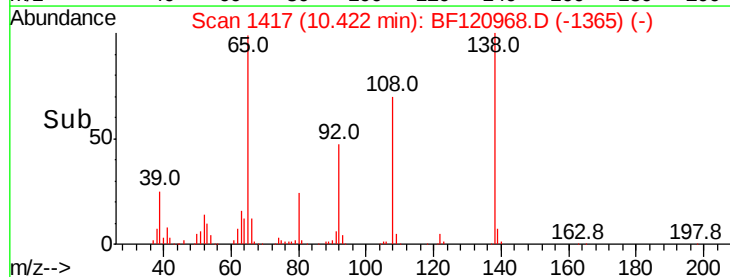
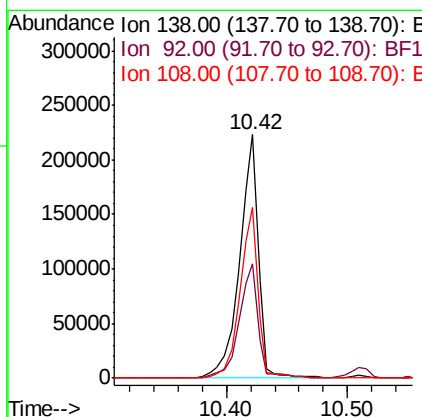
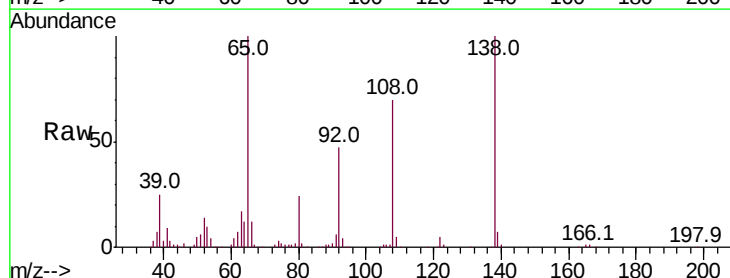
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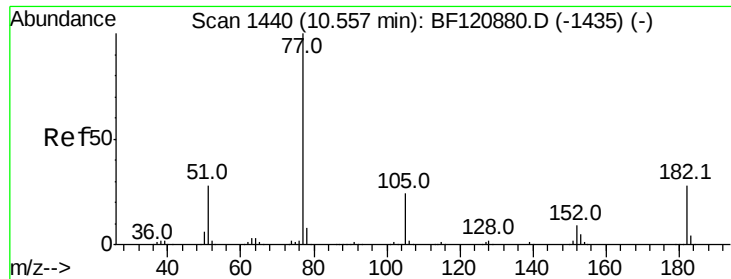
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#62
4-Nitroaniline
Concen: 38.600 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	28.6	68.6
108	70.0	51.1	91.1





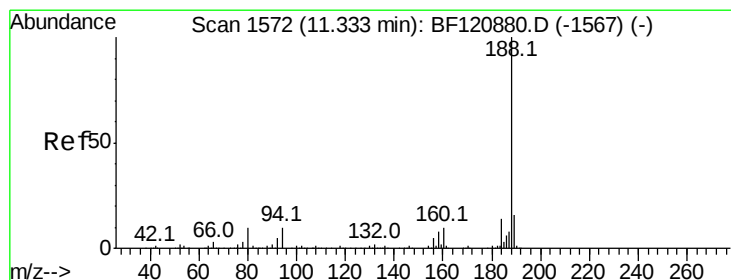
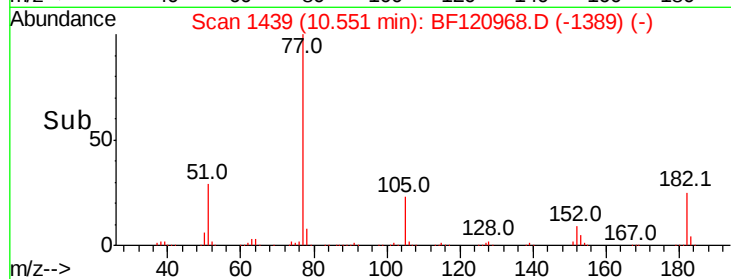
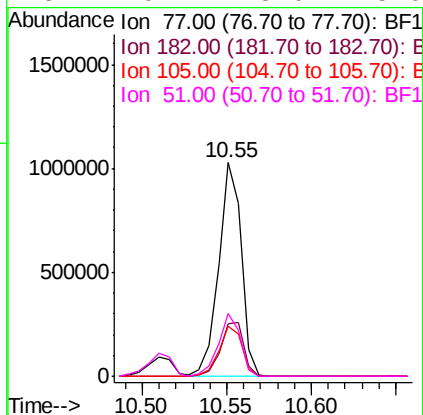
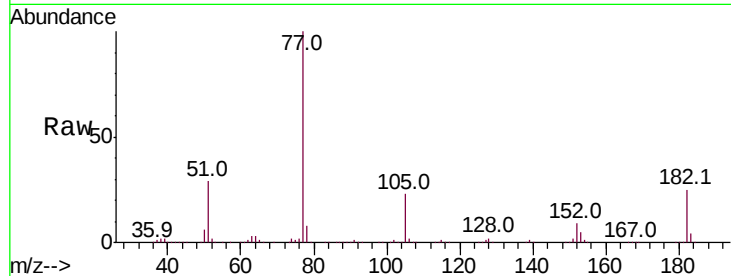
#63
Azobenzene
Concen: 41.444 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	7.8	47.8
105	23.5	4.4	44.4
51	29.2	8.0	48.0

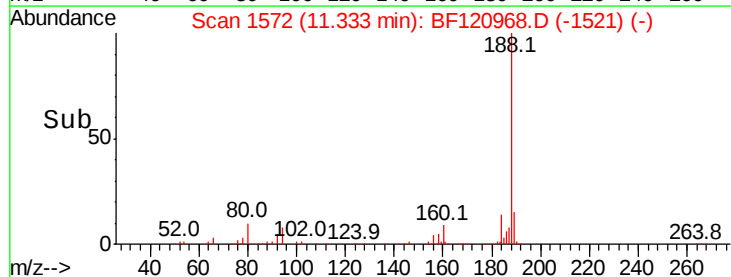
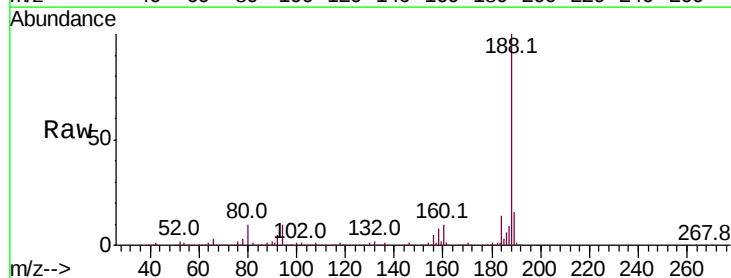
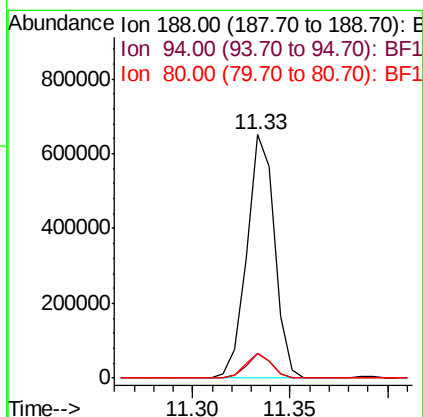
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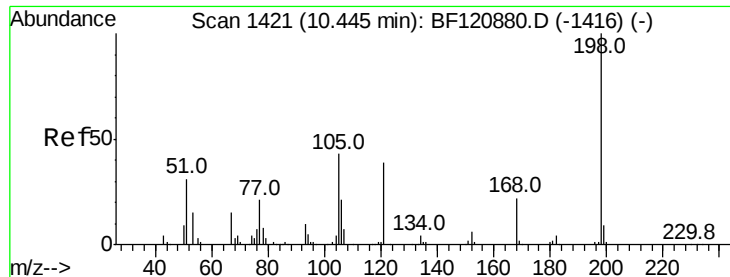
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	10.2	8.3	12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 34.399 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

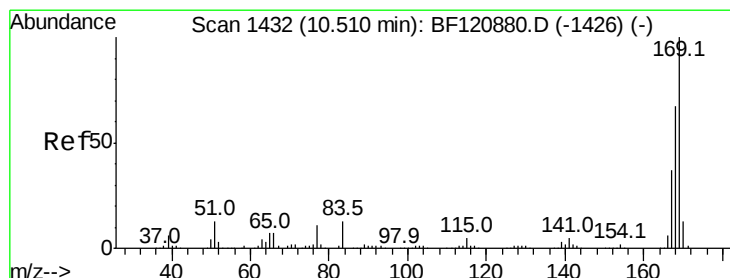
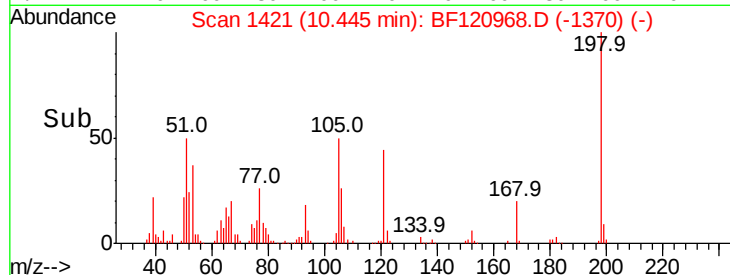
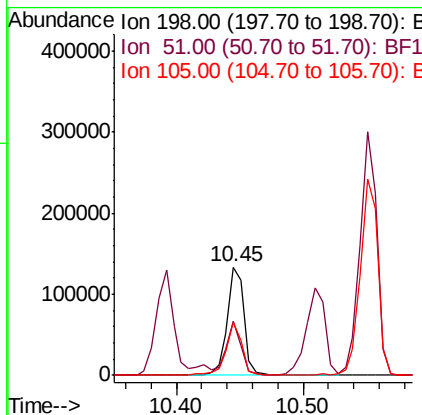
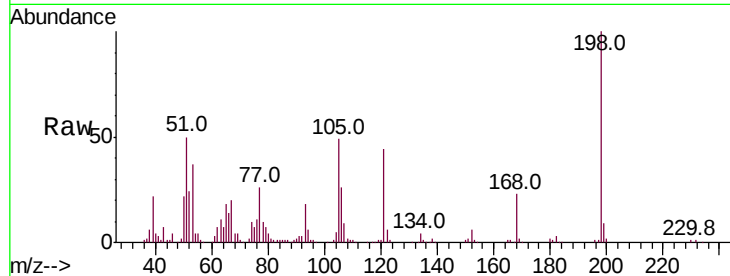
ClientSampleId :

EO-03-072020MSD

Tot Ion:	198	Resp:	123004
Ion Ratio	Lower	Upper	
198	100		
51	49.6	19.5	59.5
105	49.4	24.4	64.4

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#66

n-Nitrosodiphenylamine

Concen: 43.046 ng

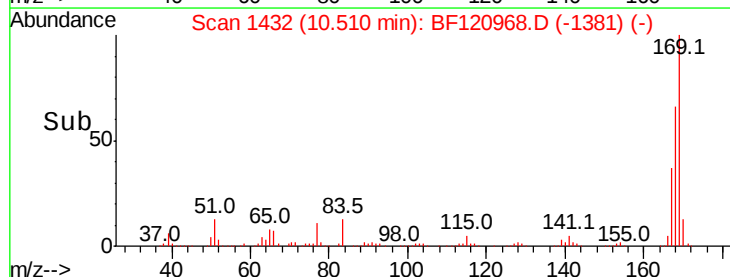
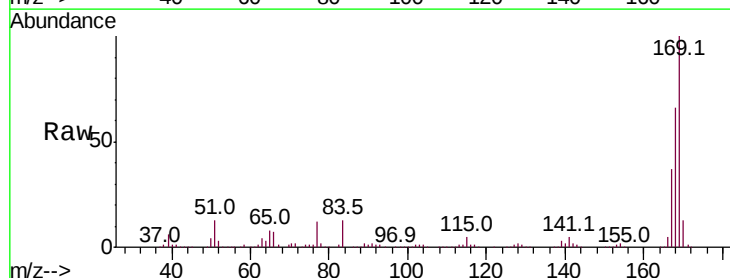
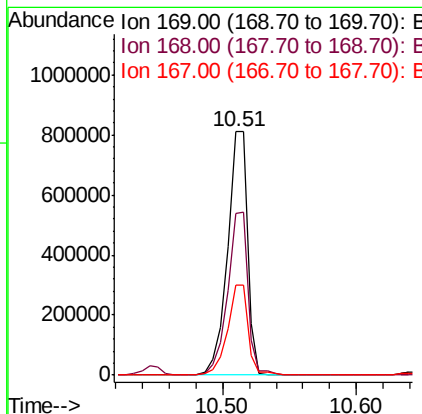
RT: 10.51 min Scan# 1432

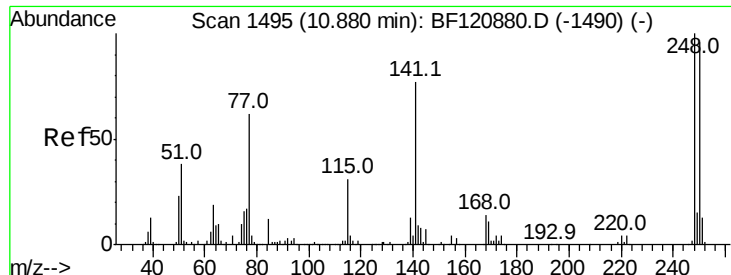
Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:	169	Resp:	866449
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.4	80.0
167	37.0	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 41.353 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

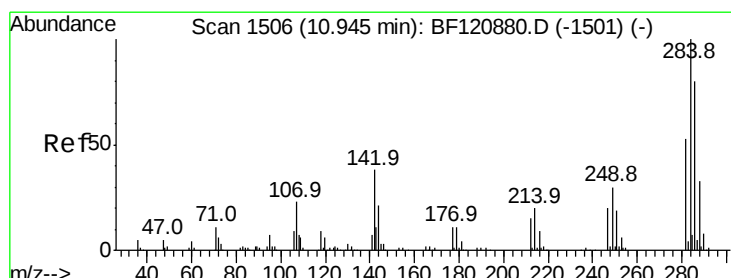
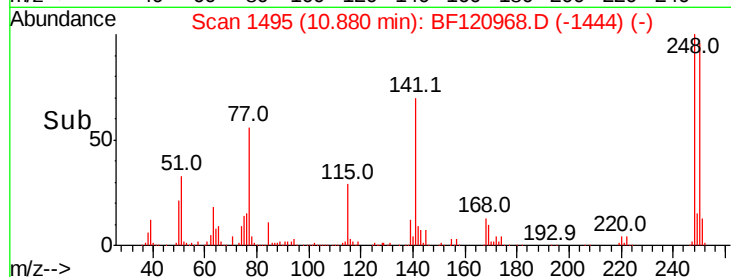
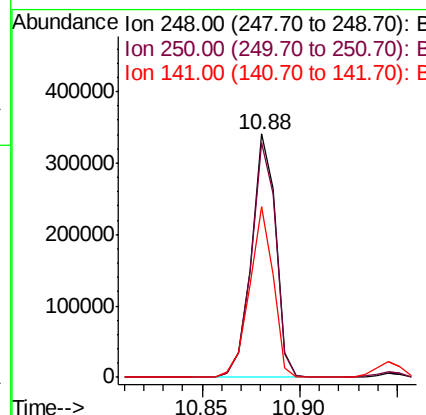
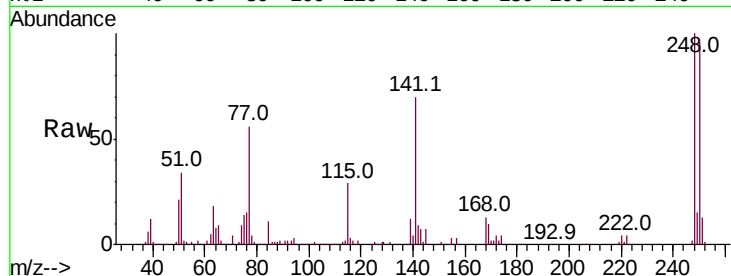
ClientSampleId :

EO-03-072020MSD

Tot Ion:	248	Resp:	295008
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.1	115.7
141	70.3	61.2	91.8

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#68

Hexachlorobenzene

Concen: 43.241 ng

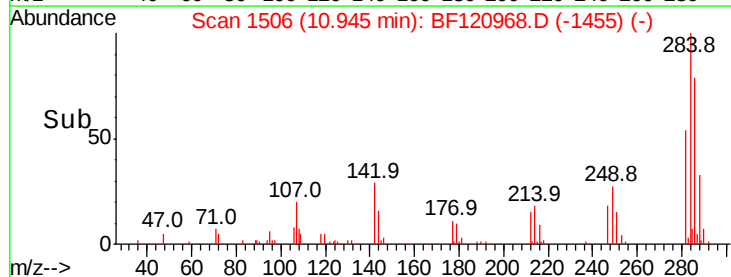
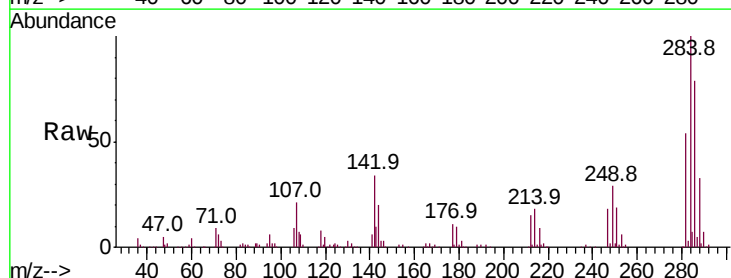
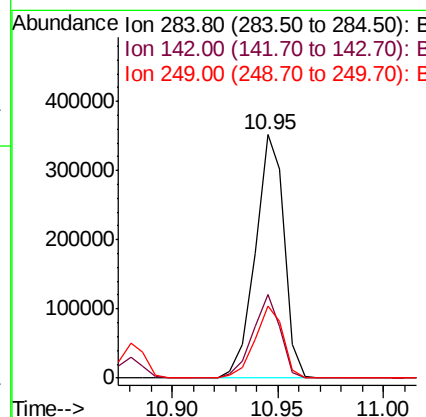
RT: 10.95 min Scan# 1506

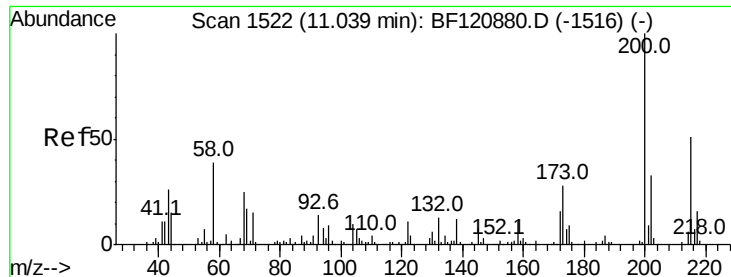
Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:	284	Resp:	333694
Ion Ratio	Lower	Upper	
284	100		
142	34.4	30.2	45.2
249	29.4	24.2	36.2





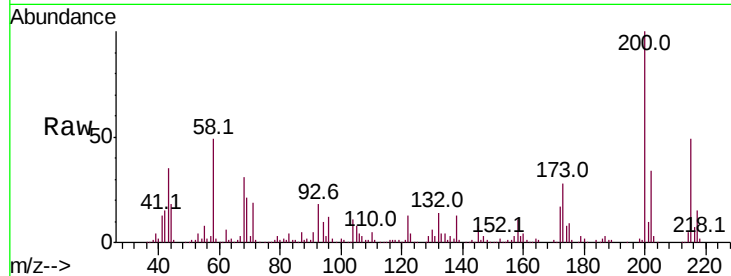
#69
Atrazine
Concen: 50.617 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

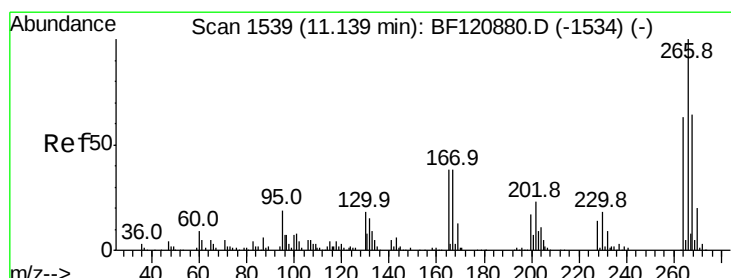
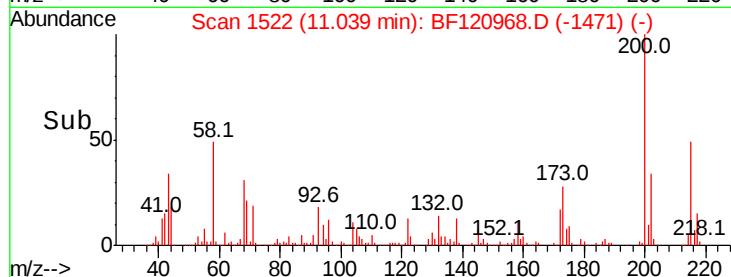
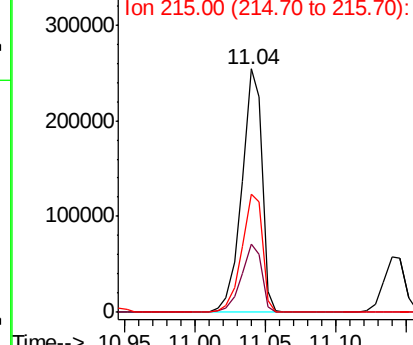
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.0	48.0
215	48.7	31.5	71.5

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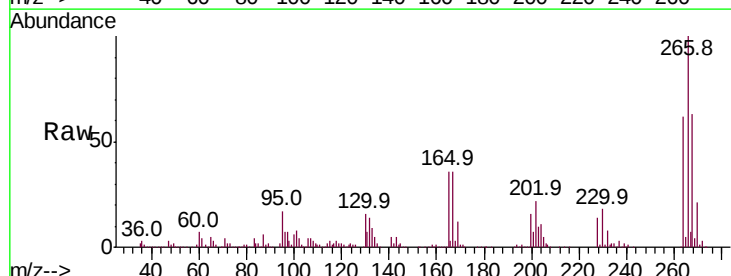


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

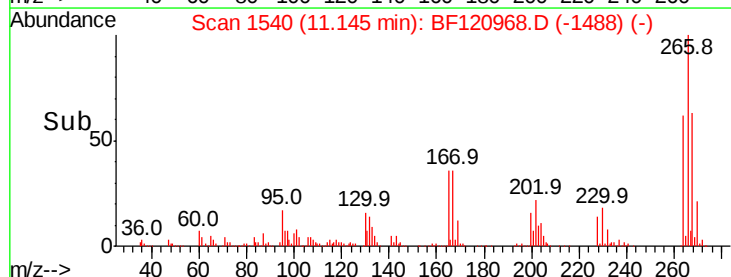
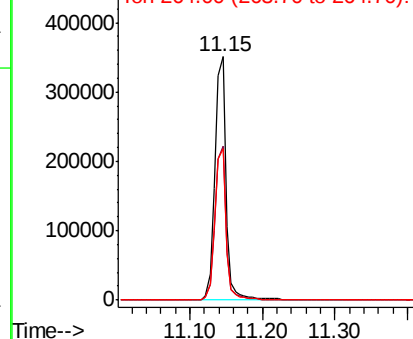


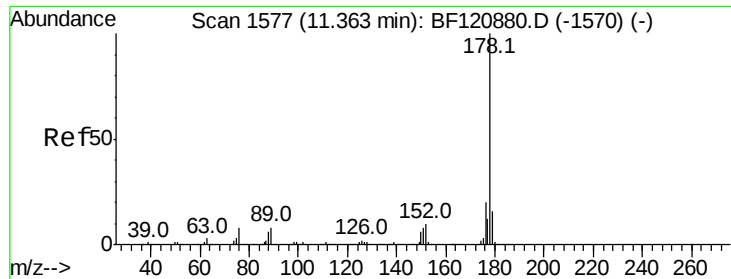
#70
Pentachlorophenol
Concen: 85.361 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.4	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: 41.523 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

EO-03-072020MSD

Tot Ion:178 Resp: 1366431

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

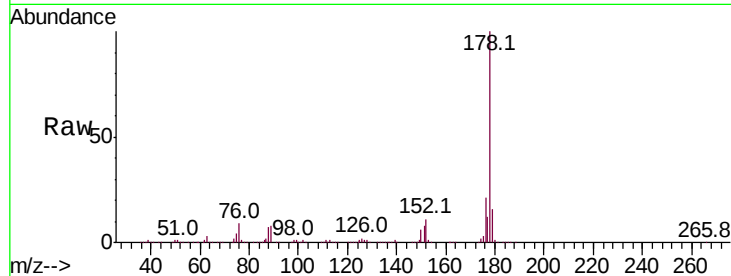
179 15.9 12.8 19.2

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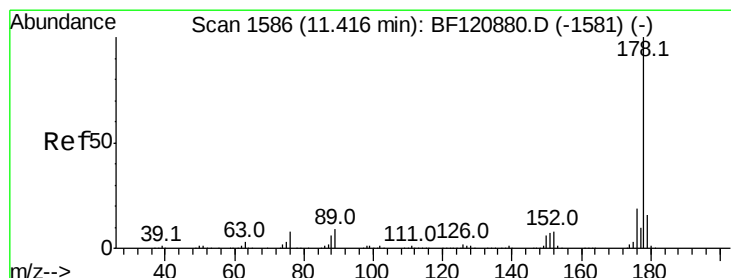
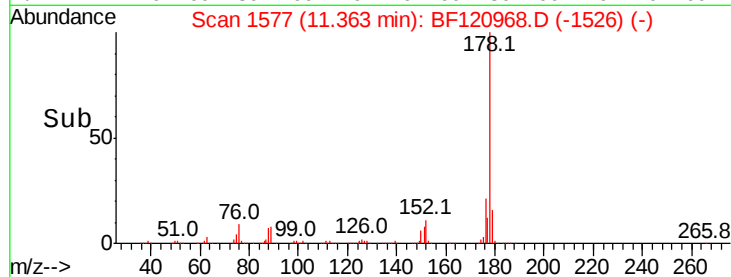
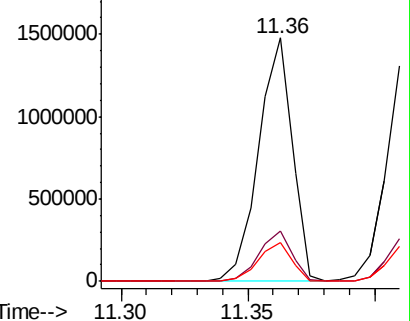
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Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.973 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

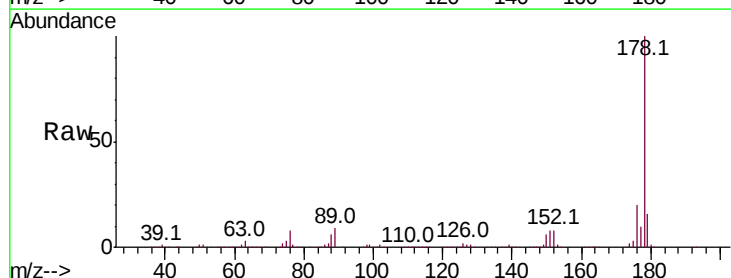
Tgt Ion:178 Resp: 1420019

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

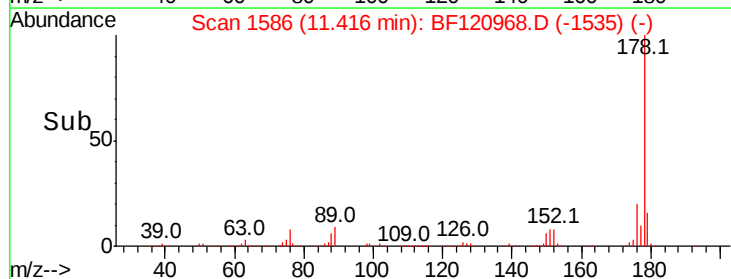
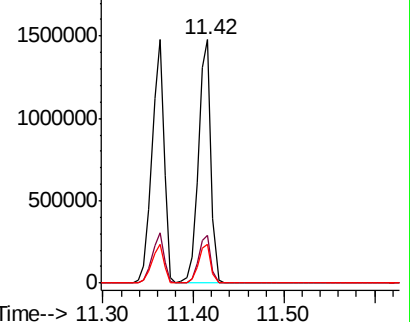
179 15.8 12.8 19.2

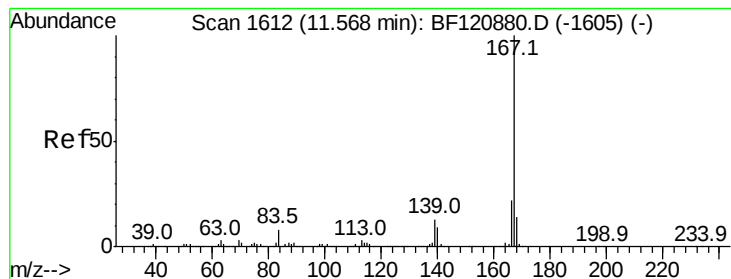


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.974 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

EO-03-072020MSD

Tot Ion:167 Resp: 1343676

Ion Ratio Lower Upper

167 100

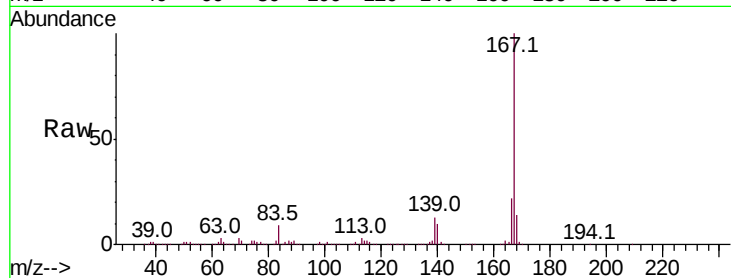
166 22.1 17.7 26.5

139 12.9 10.1 15.1

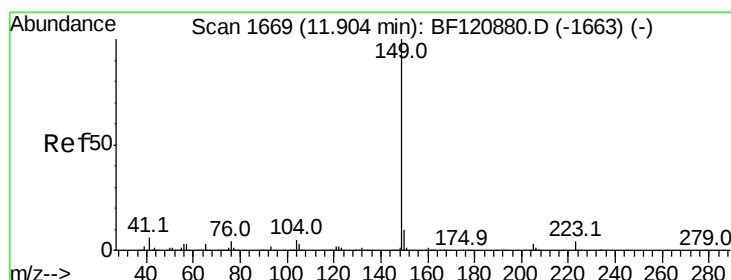
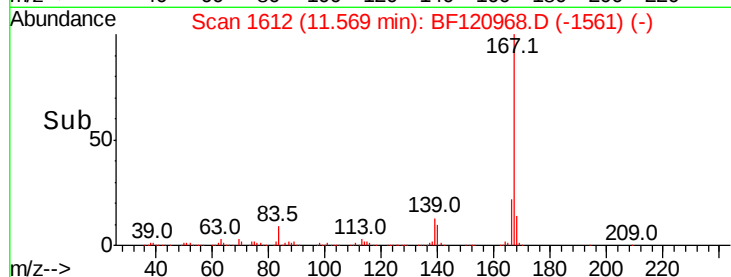
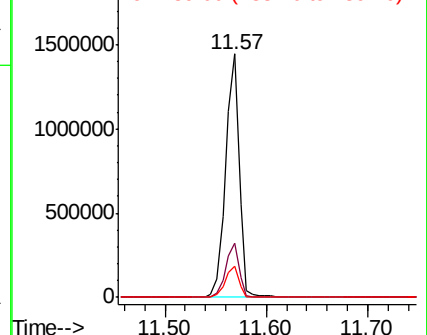
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.943 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

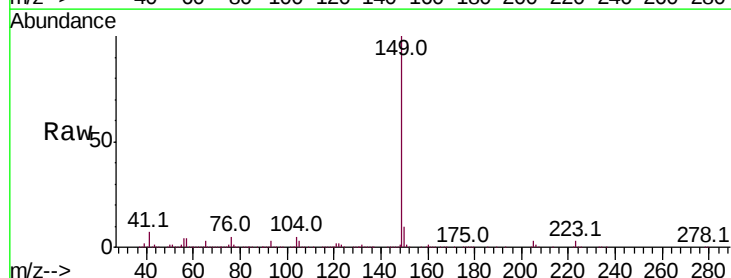
Tgt Ion:149 Resp: 1662951

Ion Ratio Lower Upper

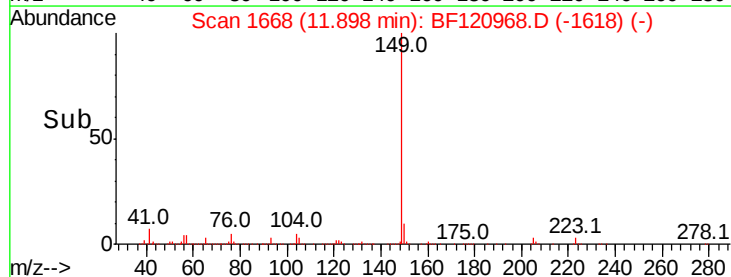
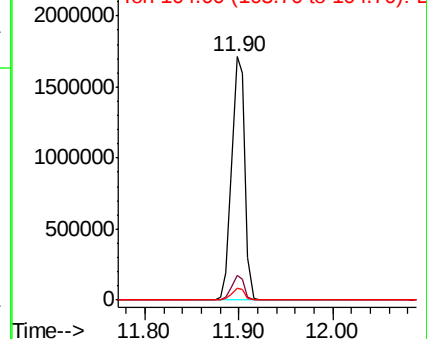
149 100

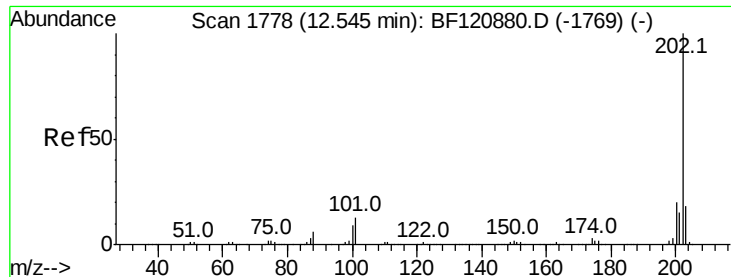
150 10.0 7.8 11.6

104 5.1 3.8 5.6



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





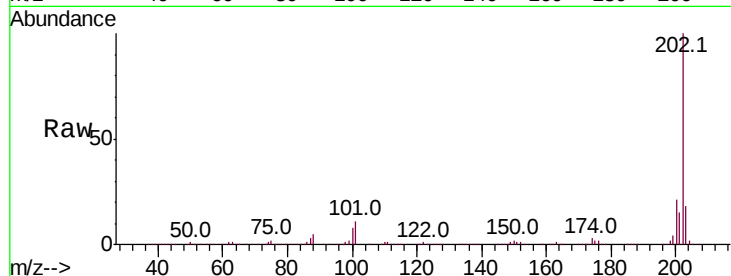
#75
 Fluoranthene
 Concen: 42.518 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.7
203	18.0	0.0	38.0

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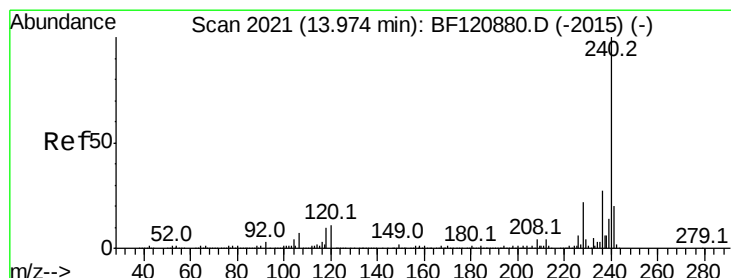
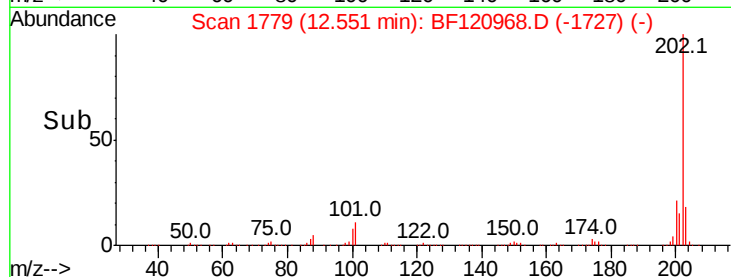
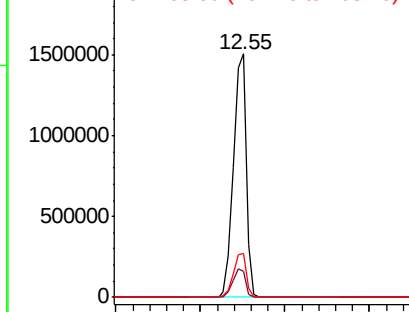


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

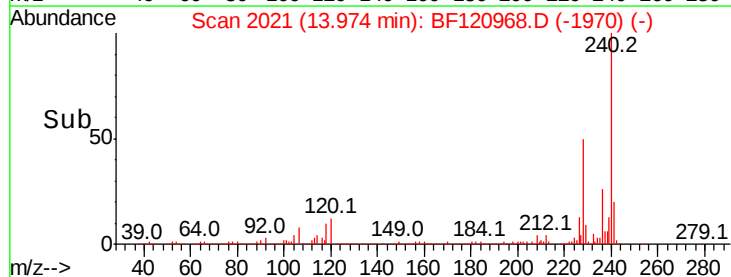
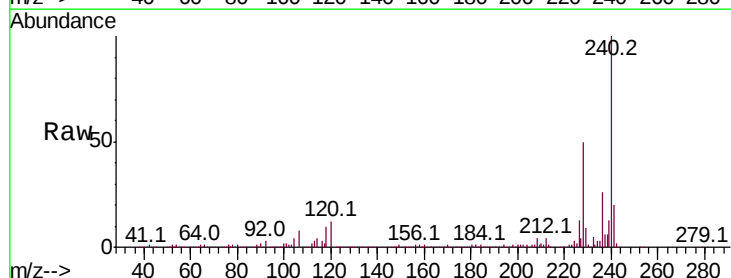
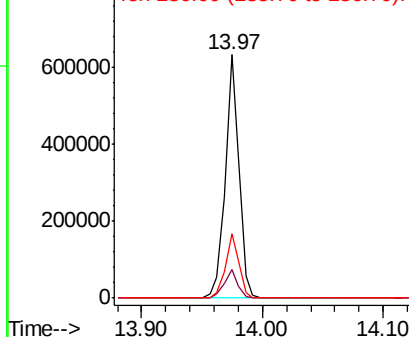
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	26.4	21.7	32.5

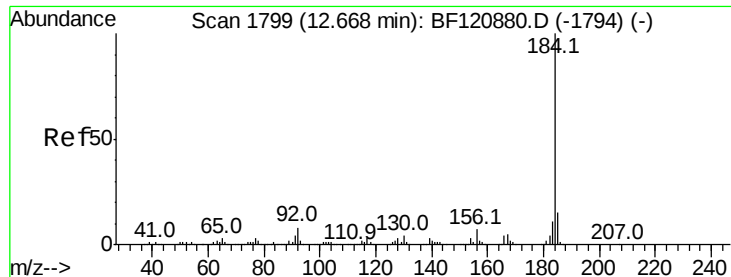
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.080 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

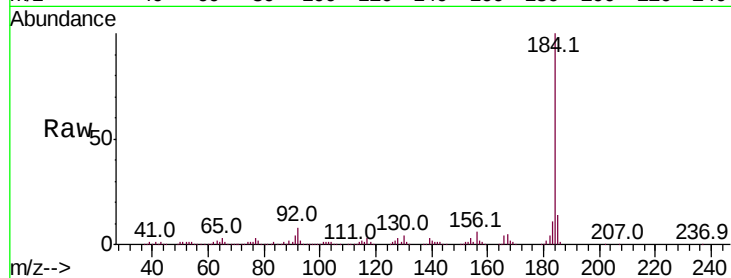
ClientSampleId :

EO-03-072020MSD

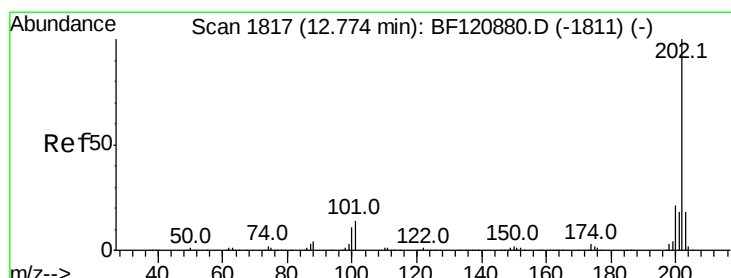
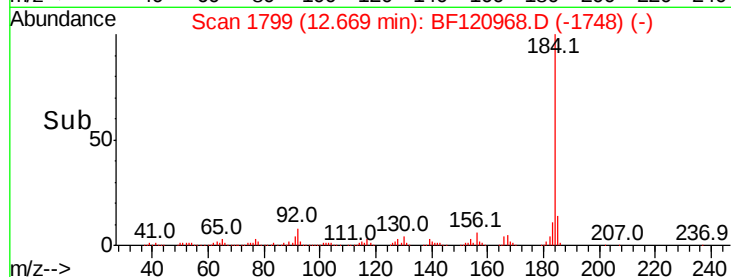
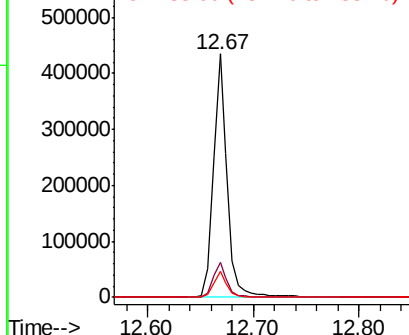
Tot Ion:	184	Resp:	402448
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	10.7	8.5	12.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.682 ng

RT: 12.77 min Scan# 1817

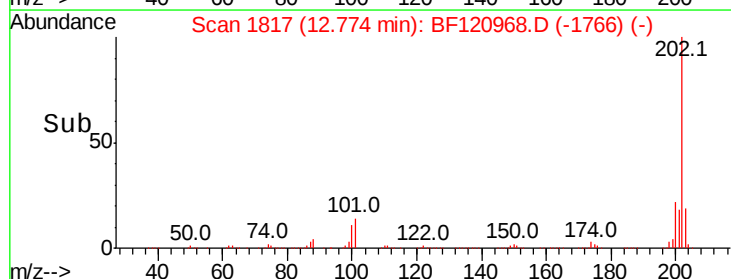
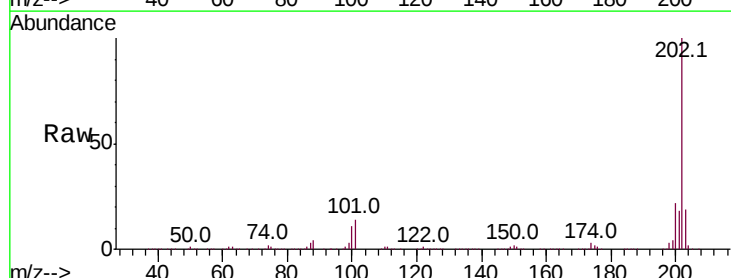
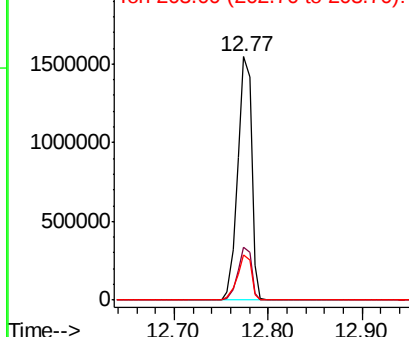
Delta R.T. 0.00 min

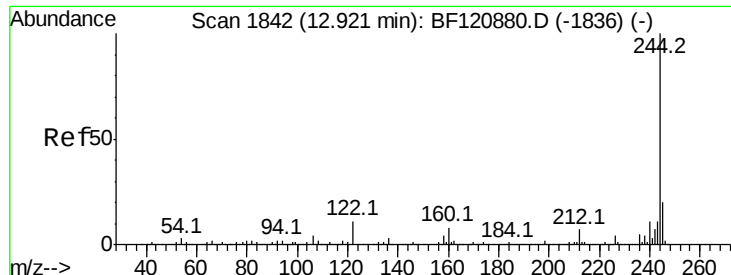
Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Tgt Ion:	202	Resp:	1590648
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	18.5	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





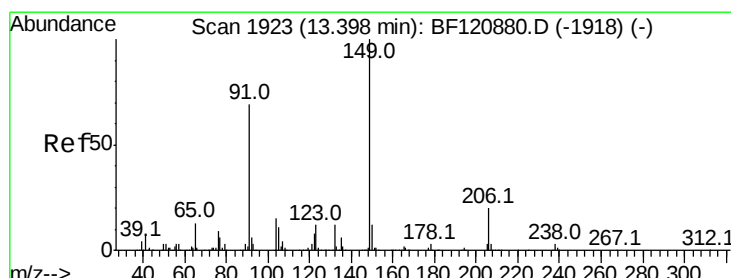
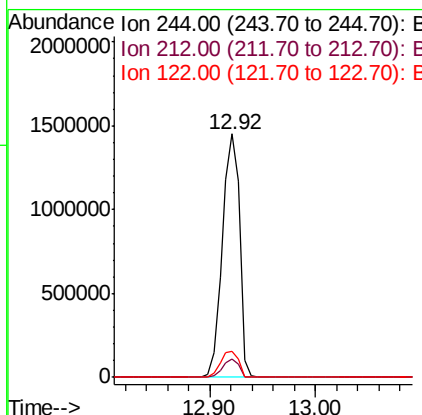
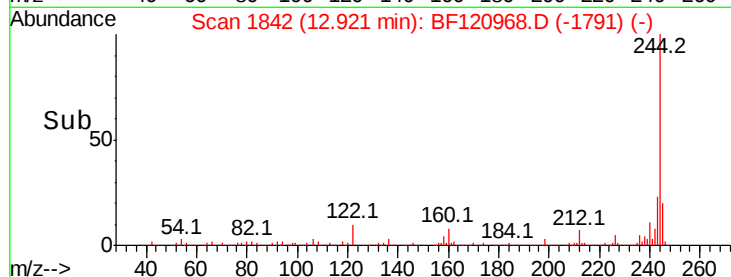
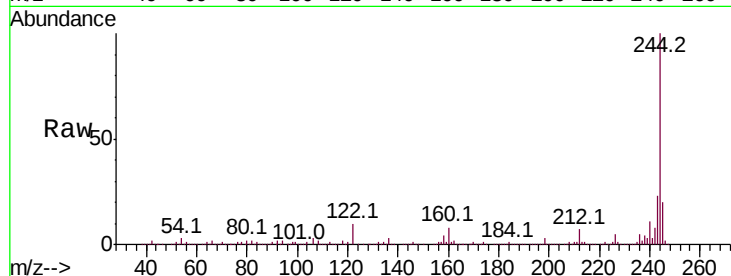
#79
 Terphenyl-d14
 Concen: 73.103 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion:244 Resp: 1656246
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 10.5 8.9 13.3

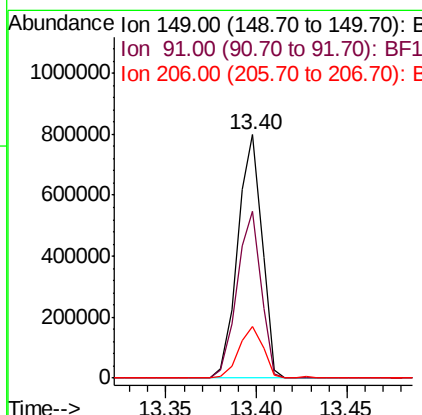
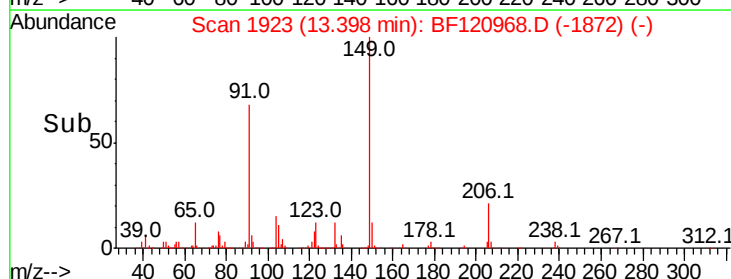
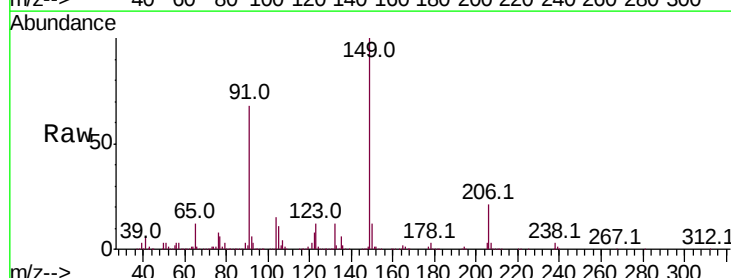
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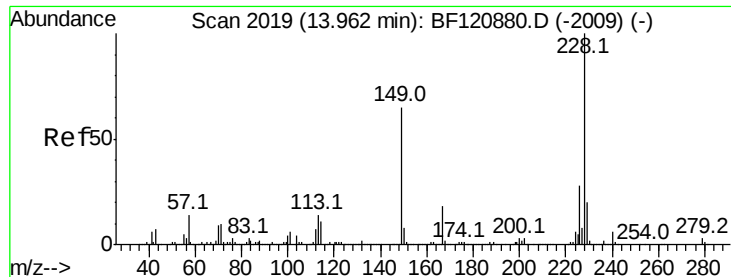
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#80
 Butylbenzylphthalate
 Concen: 47.878 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:149 Resp: 743166
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.1 82.7
 206 21.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 41.660 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

ClientSampleId :

EO-03-072020MSD

Tot Ion:228 Resp: 1242439

Ion Ratio Lower Upper

228 100

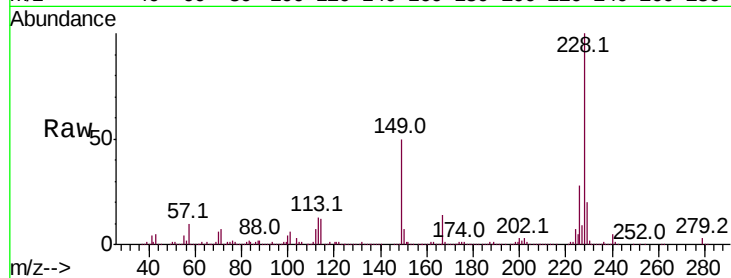
226 28.4 22.3 33.5

229 20.2 16.1 24.1

Manual Integrations
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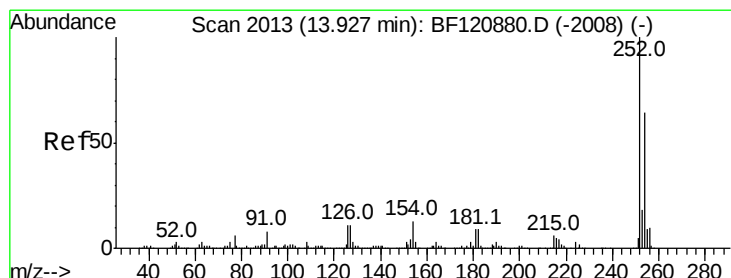
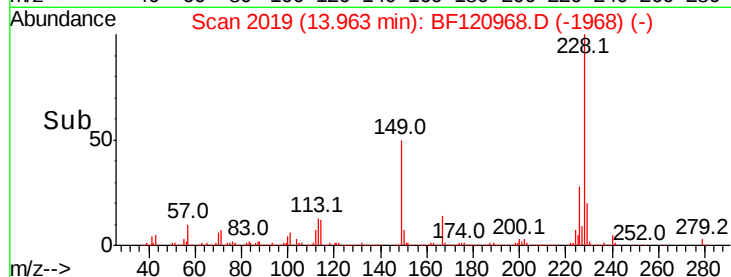
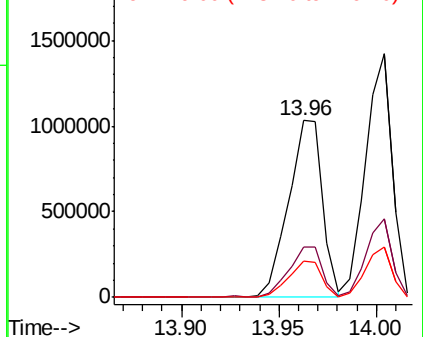


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.817 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

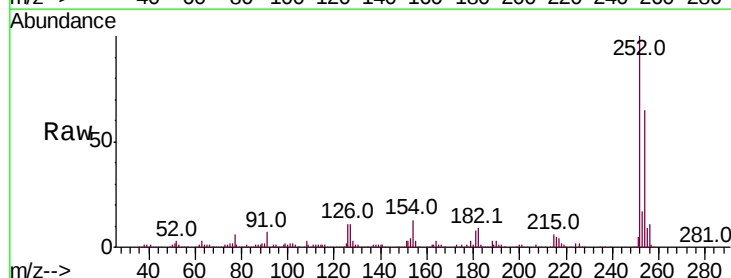
Tgt Ion:252 Resp: 369236

Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

126 11.2 8.7 13.1

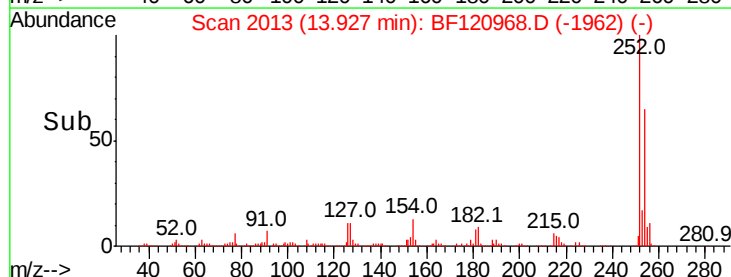
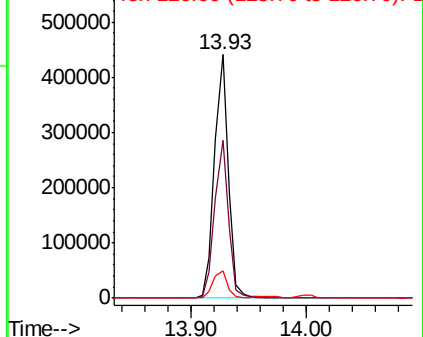


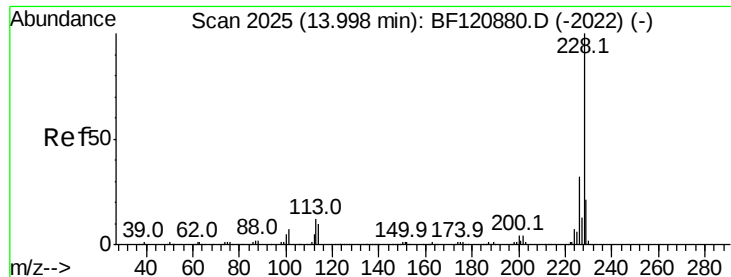
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 43.194 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

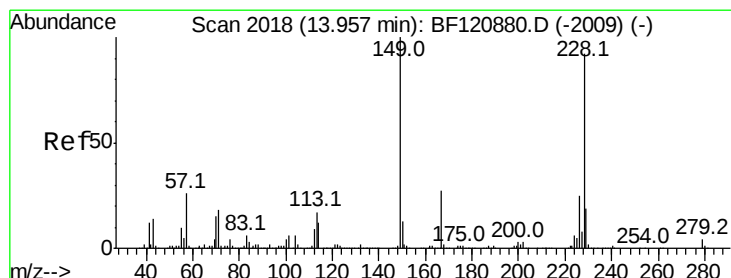
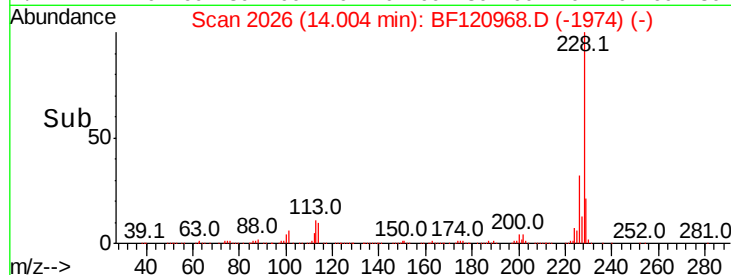
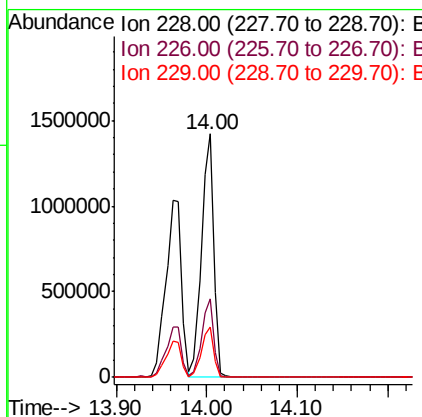
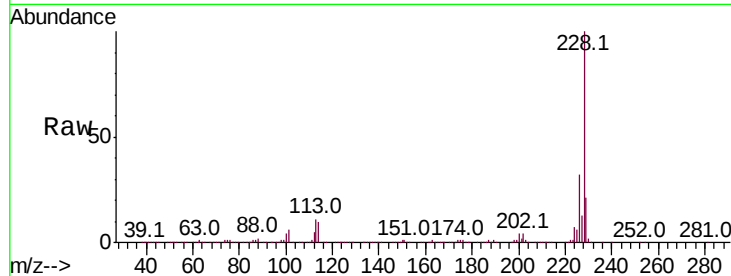
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion:228 Resp: 1353742

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.6	38.4
229	20.5	16.8	25.2

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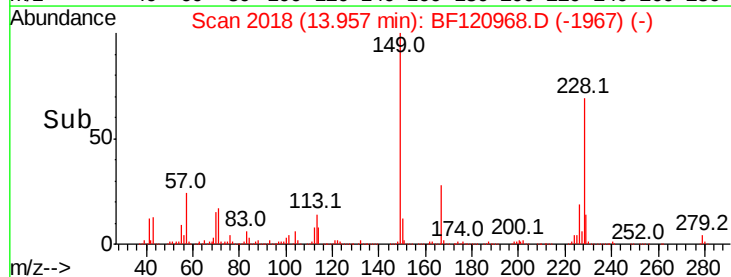
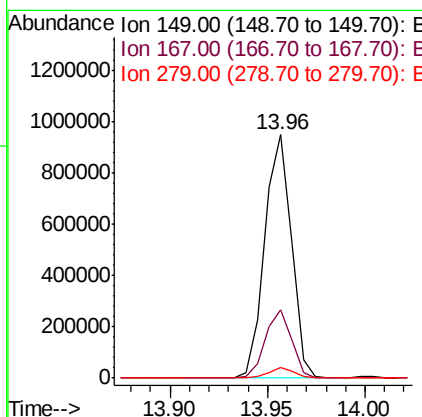
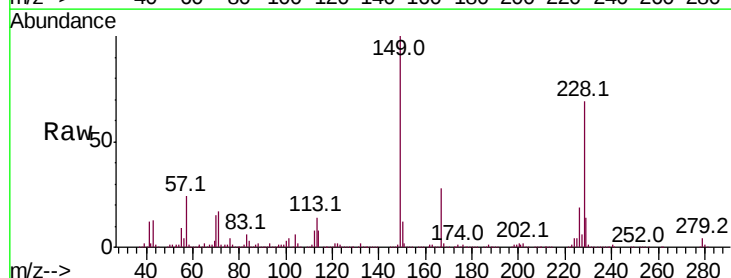
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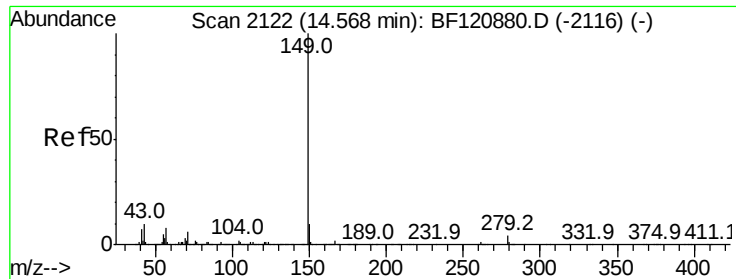


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.960 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion:149 Resp: 898852

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	4.4	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 46.687 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF120968.D

Acq: 22 Jul 2020 17:04

Instrument :

BNA_F

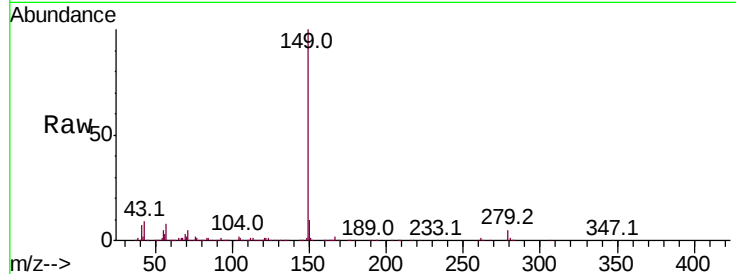
ClientSampleId :

EO-03-072020MSD

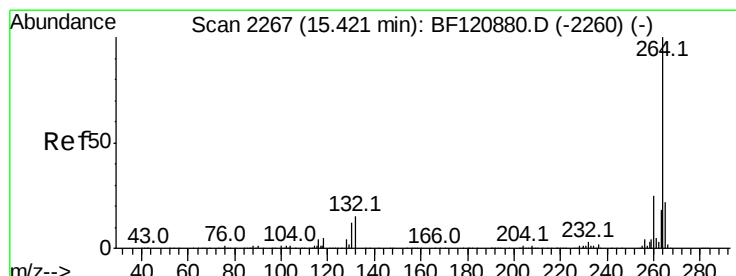
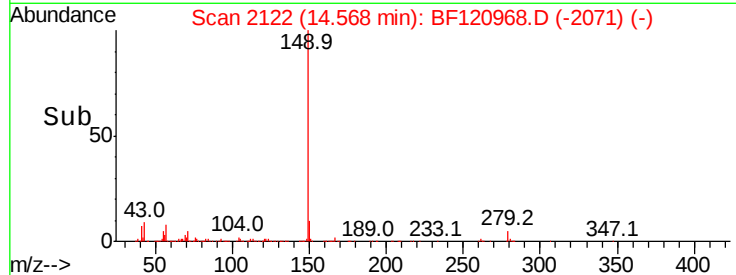
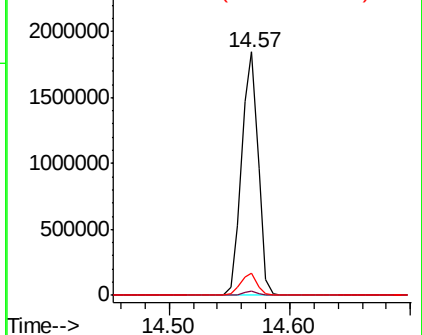
Tot Ion:	149	Resp:	1777869
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.6	11.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

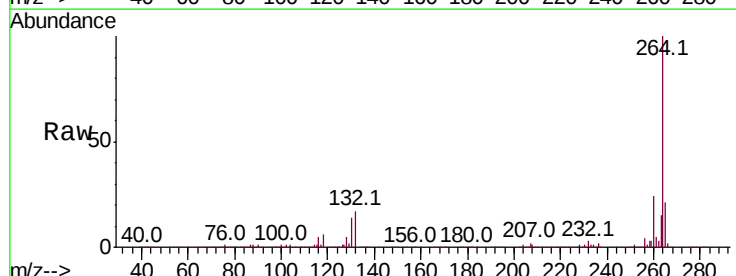
RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

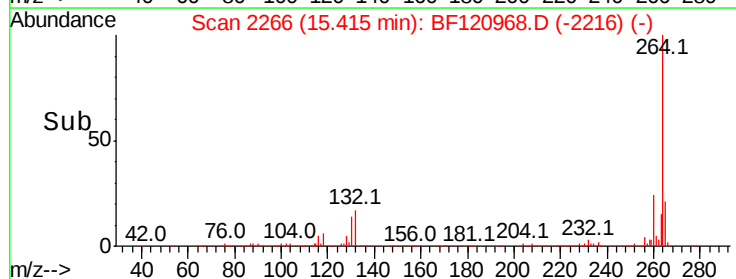
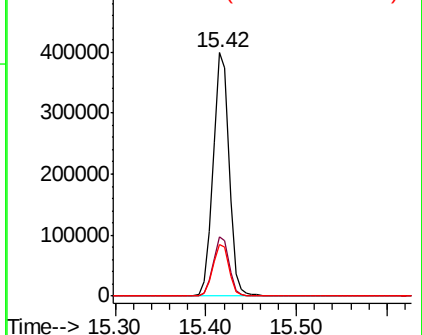
Lab File: BF120968.D

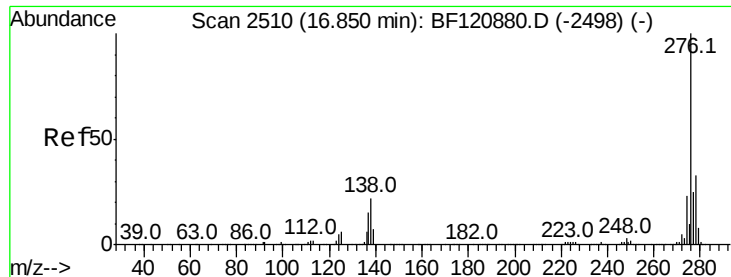
Acq: 22 Jul 2020 17:04

Tgt Ion:	264	Resp:	487082
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	21.4	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





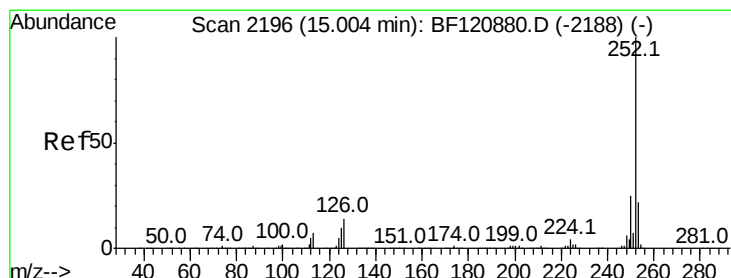
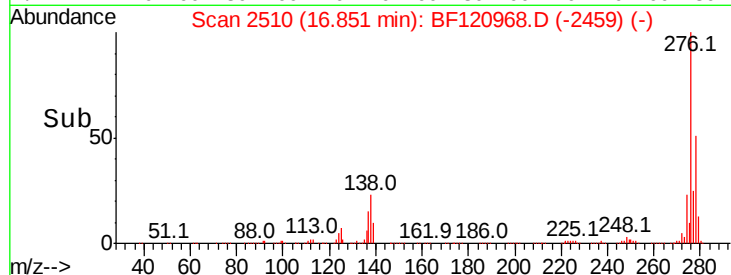
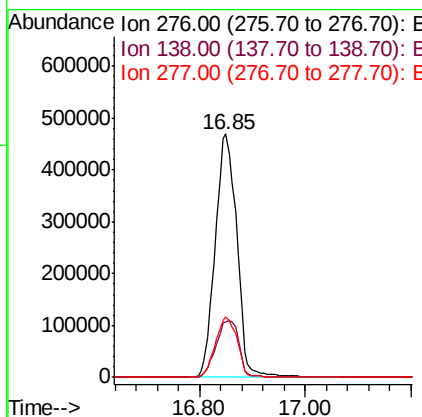
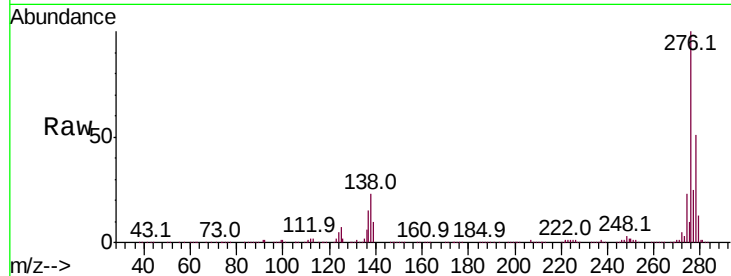
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.530 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.2	20.2	30.2

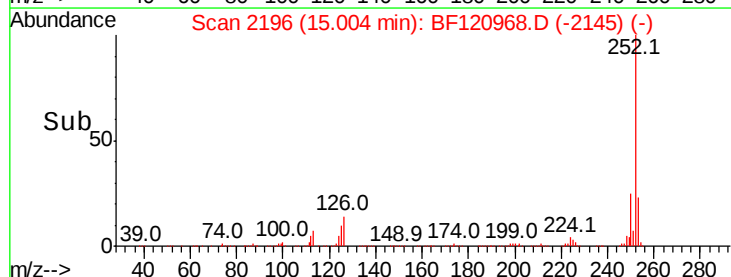
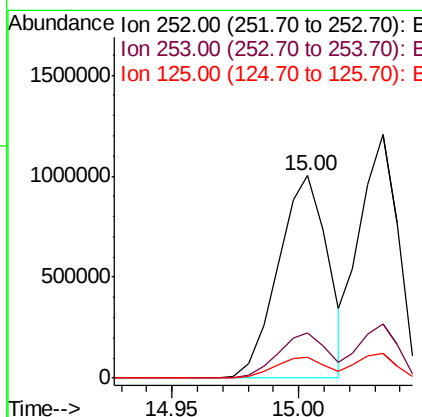
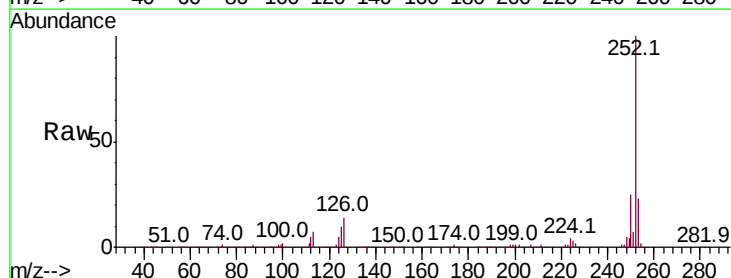
Manual Integrations
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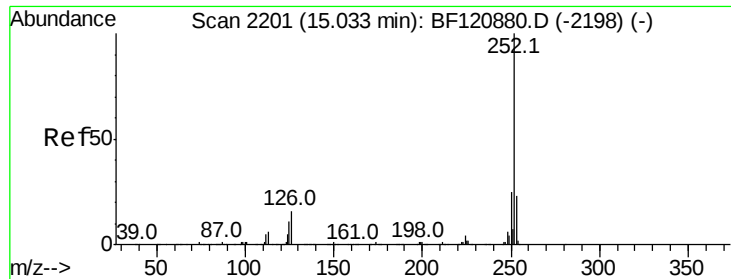
Sohil
 7/24/2020 12:10:44 PM



#88
 Benzo(b)fluoranthene
 Concen: 46.367 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120968.D
 Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.3	8.3	12.5





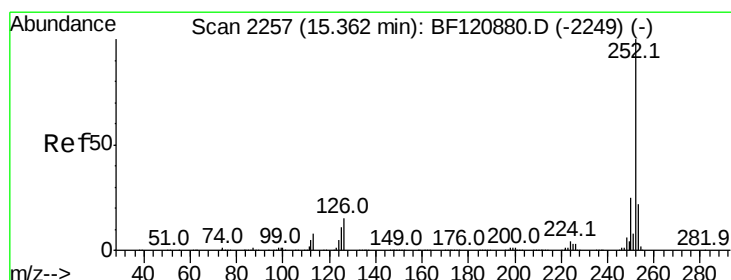
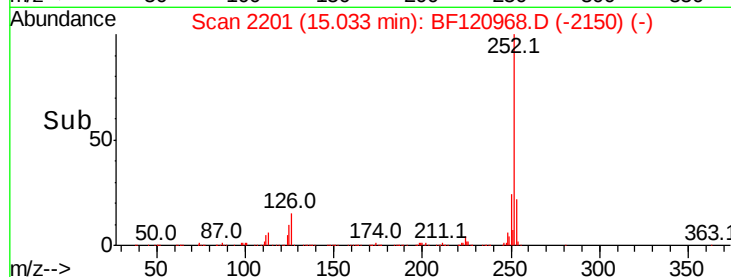
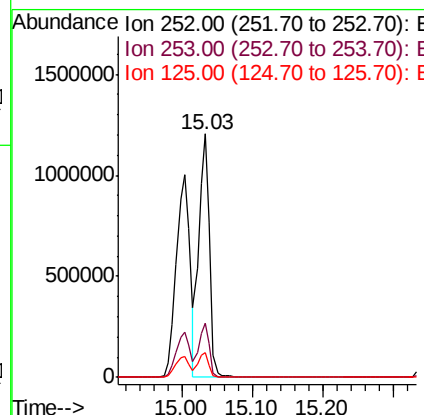
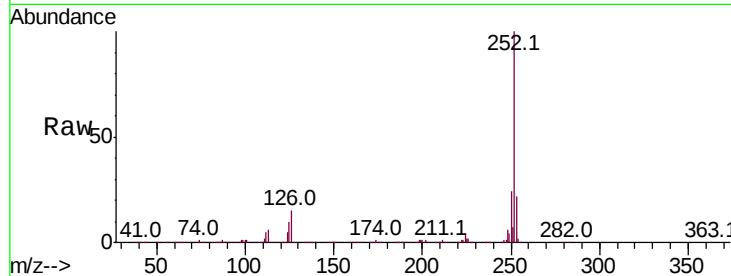
#89
Benzo(k)fluoranthene
Concen: 47.977 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion:252 Resp: 1288239
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.1 8.4 12.6

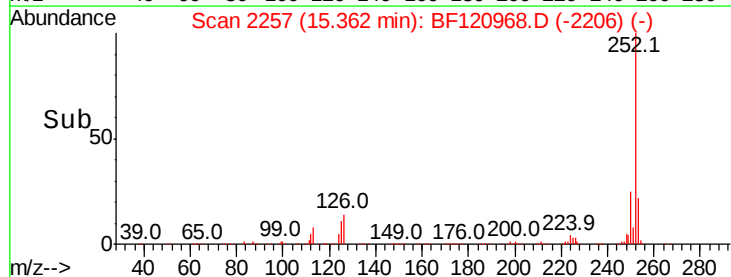
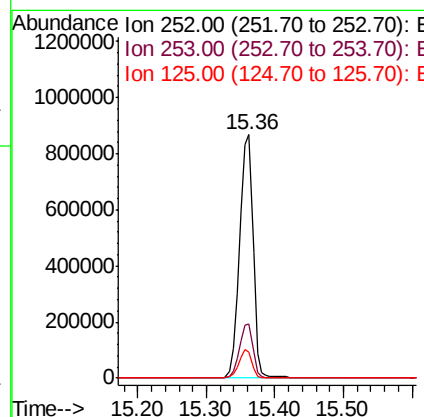
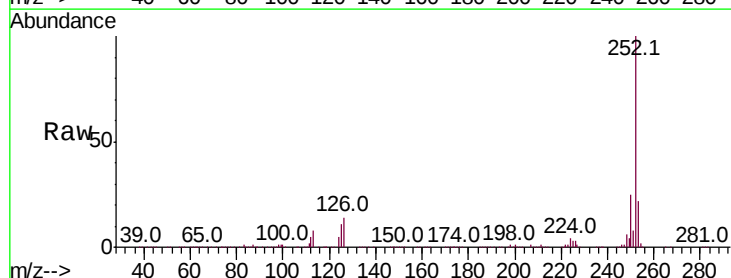
Manual Integrations
APPROVED

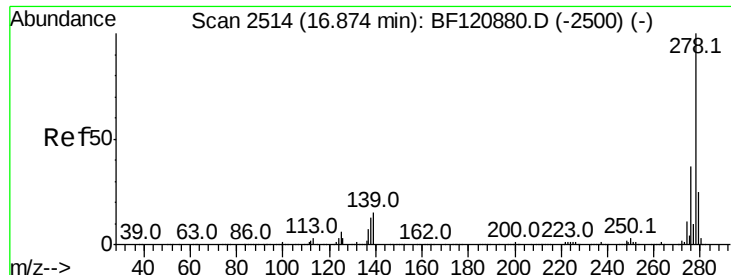
Sohil
7/24/2020 12:10:44 PM



#90
Benzo(a)pyrene
Concen: 44.038 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion:252 Resp: 1182954
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.8 8.9 13.3





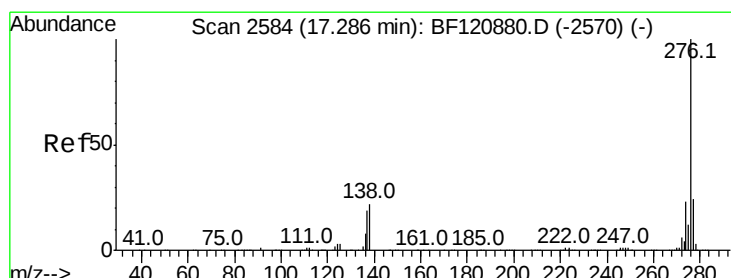
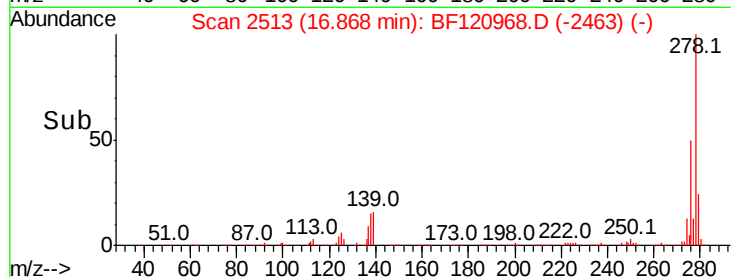
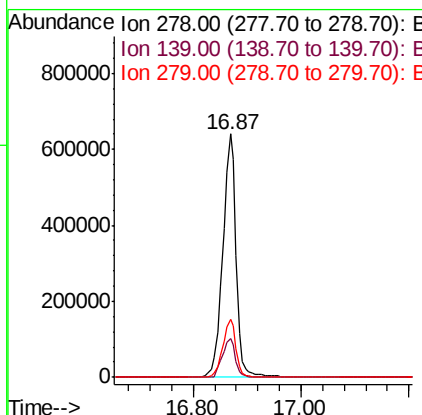
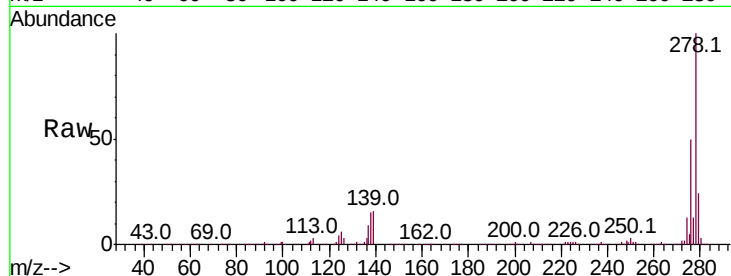
#91
Dibenzo(a,h)anthracene
Concen: 40.783 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Instrument :
BNA_F
ClientSampleId :
EO-03-072020MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.1	20.1	30.1

Manual Integrations
APPROVED

Sohil
7/24/2020 12:10:44 PM



#92
Benzo(g,h,i)perylene
Concen: 40.168 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120968.D
Acq: 22 Jul 2020 17:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.9	17.5	26.3

