

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
 Data File : BF121693.D
 Acq On : 25 Sep 2020 13:36
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:10:26 AM

Quant Time: Sep 25 14:32:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 14:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169970	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	641118	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	348232	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	664335	20.00	ng	0.00
76) Chrysene-d12	13.97	240	521195	20.00	ng	0.00
86) Perylene-d12	15.42	264	477397	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	883864	77.28	ng	0.00
7) Phenol-d6	6.44	99	1167001	77.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	995394	83.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	391136	90.37	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1765605	76.79	ng	0.00
79) Terphenyl-d14	12.92	244	2182532	84.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	203321	38.695	ng	100
3) Pyridine	3.26	79	565741	38.947	ng	100
4) n-Nitrosodimethylamine	3.22	42	261100	38.752	ng	100
6) Aniline	6.47	93	749438	38.350	ng	100
8) 2-Chlorophenol	6.59	128	464885	39.923	ng	100
9) Benzaldehyde	6.35	77	352156	35.901	ng	100
10) Phenol	6.46	94	605244	37.879	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	476955	39.605	ng	100
12) 1,3-Dichlorobenzene	6.74	146	518631	39.903	ng	100
13) 1,4-Dichlorobenzene	6.82	146	517229	39.633	ng	100
14) 1,2-Dichlorobenzene	6.97	146	475567	39.557	ng	100
15) Benzyl Alcohol	6.95	79	415742	40.764	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	754957	38.958	ng	100
17) 2-Methylphenol	7.06	107	391282	39.492	ng	100
18) Hexachloroethane	7.31	117	191944	41.076	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	351047	40.594	ng	100
20) 3+4-Methylphenols	7.22	107	456047	38.310	ng	100
22) Acetophenone	7.22	105	639078	39.288	ng	100
24) Nitrobenzene	7.39	77	530452	41.074	ng	100
25) Isophorone	7.63	82	994587	41.378	ng	100
26) 2-Nitrophenol	7.70	139	244614	40.648	ng	100
27) 2,4-Dimethylphenol	7.75	122	424628	39.576	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	611272	41.079	ng	100
29) 2,4-Dichlorophenol	7.95	162	398513	40.779	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	420749	40.880	ng	100
31) Naphthalene	8.11	128	1346885	39.797	ng	100
32) Benzoic acid	7.89	122	256045	34.299	ng	100
33) 4-Chloroaniline	8.16	127	594524	40.525	ng	100
34) Hexachlorobutadiene	8.22	225	256467	42.453	ng	100
35) Caprolactam	8.55	113	137801m	42.343	ng	
36) 4-Chloro-3-methylphenol	8.65	107	439964	41.792	ng	100
37) 2-Methylnaphthalene	8.80	142	898216	40.498	ng	100
38) 1-Methylnaphthalene	8.90	142	831096	40.263	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	430778	39.602	ng	100

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 SSTDC040

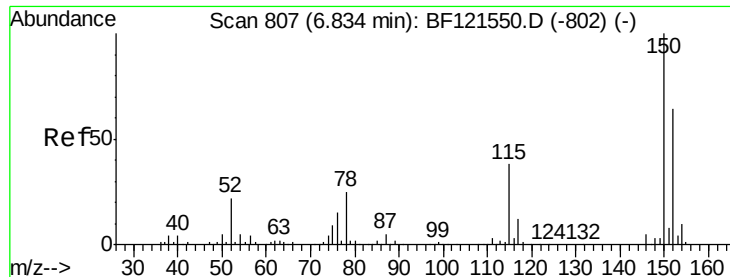
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 9/28/2020 11:10:26 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 14:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	250822	40.377	ng	100
43) 2,4,6-Trichlorophenol	9.08	196	293650	39.606	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	319554	40.769	ng	100
46) 1,1'-Biphenyl	9.26	154	1083033	38.849	ng	100
47) 2-Chloronaphthalene	9.29	162	854767	38.908	ng	100
48) 2-Nitroaniline	9.39	65	290565	42.562	ng	100
49) Acenaphthylene	9.70	152	1320373	39.117	ng	100
50) Dimethylphthalate	9.57	163	1062476	42.096	ng	100
51) 2,6-Dinitrotoluene	9.63	165	231604	43.088	ng	100
52) Acenaphthene	9.87	154	782782	36.716	ng	100
53) 3-Nitroaniline	9.80	138	259101	41.611	ng	100
54) 2,4-Dinitrophenol	9.91	184	106895	39.628	ng	100
55) Dibenzofuran	10.05	168	1176397	39.182	ng	100
56) 4-Nitrophenol	9.97	139	190431	38.348	ng	100
57) 2,4-Dinitrotoluene	10.03	165	307573	45.484	ng	100
58) Fluorene	10.39	166	906914	39.500	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	267146	41.924	ng	100
60) Diethylphthalate	10.27	149	1048149	42.594	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	458802	41.715	ng	100
62) 4-Nitroaniline	10.42	138	261752	42.337	ng	100
63) Azobenzene	10.55	77	1059842	40.444	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	171011	42.813	ng	100
66) n-Nitrosodiphenylamine	10.50	169	894413	39.243	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	315861	41.760	ng	100
68) Hexachlorobenzene	10.94	284	353976	41.469	ng	100
69) Atrazine	11.03	200	242709	42.863	ng	100
70) Pentachlorophenol	11.13	266	185576	39.587	ng	100
71) Phenanthrene	11.35	178	1409589	38.944	ng	100
72) Anthracene	11.40	178	1462989	39.167	ng	100
73) Carbazole	11.56	167	1305623	38.734	ng	100
74) Di-n-butylphthalate	11.89	149	1650640	42.429	ng	100
75) Fluoranthene	12.54	202	1527226	39.526	ng	100
77) Benzidine	12.66	184	693060	40.111	ng	100
78) Pyrene	12.77	202	1529528	40.166	ng	100
80) Butylbenzylphthalate	13.39	149	700389	45.477	ng	100
81) Benzo(a)anthracene	13.96	228	1288858	39.088	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	539878	41.939	ng	100
83) Chrysene	14.00	228	1319370	39.514	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	935878	45.488	ng	100
85) Di-n-octyl phthalate	14.56	149	1631709	44.939	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1228965	39.530	ng	100
88) Benzo(b)fluoranthene	15.00	252	1305311	40.900	ng	100
89) Benzo(k)fluoranthene	15.03	252	1191088	40.755	ng	100
90) Benzo(a)pyrene	15.36	252	1091979	40.252	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1013586	39.165	ng	100
92) Benzo(g,h,i)perylene	17.29	276	991988	38.994	ng	100

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



#1

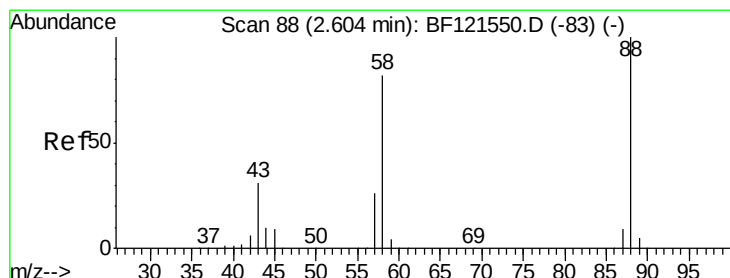
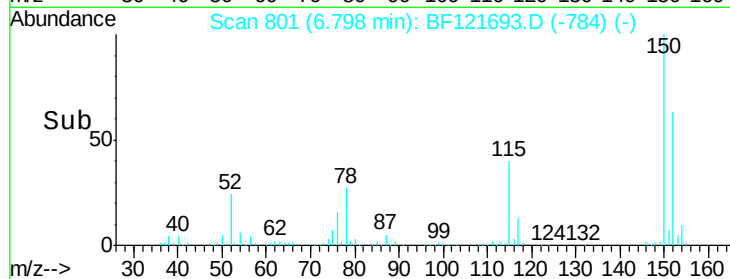
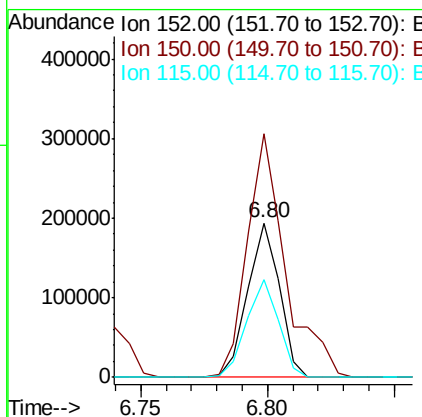
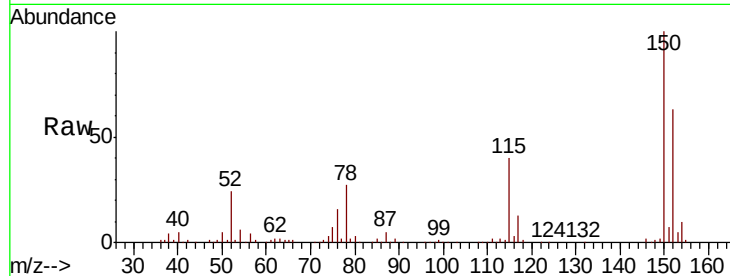
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.1	189.1
115	63.3	50.6	76.0

Manual Integrations
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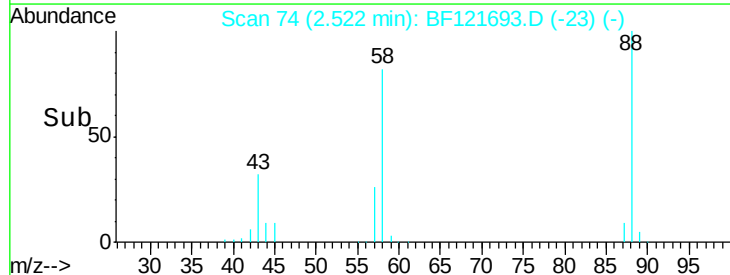
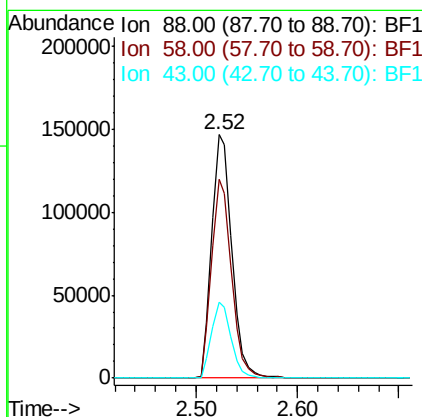
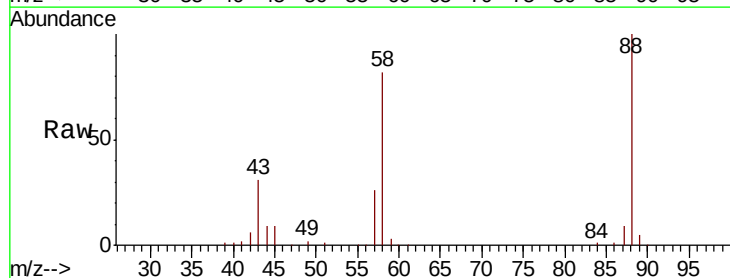
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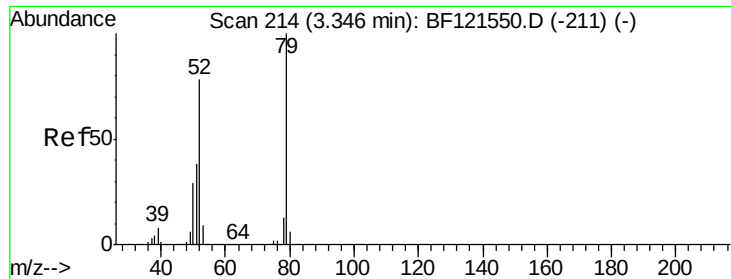


#2

1,4-Dioxane
Concen: 38.695 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	64.5	96.7
43	30.7	24.6	36.8





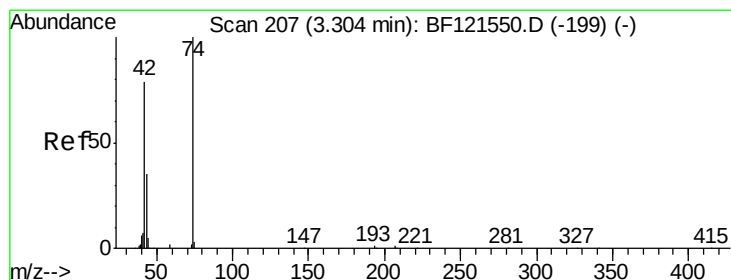
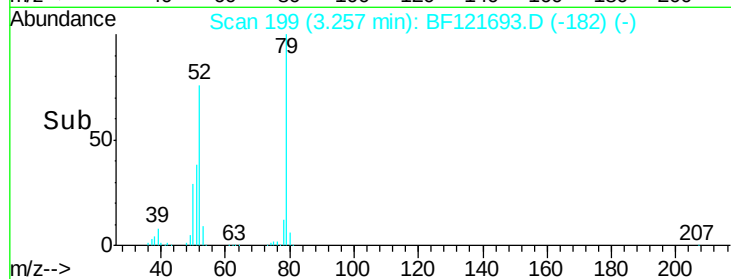
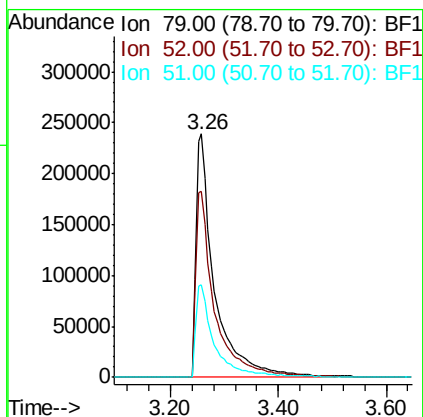
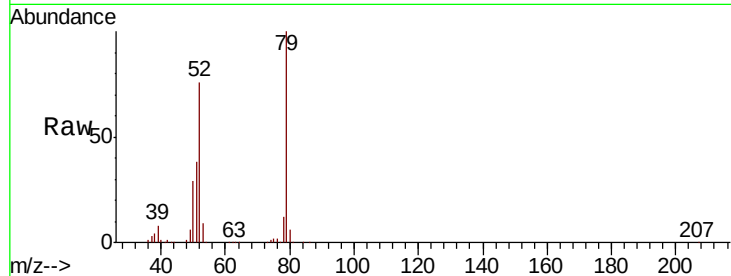
#3
 Pvrindine
 Concen: 38.947 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.3	61.0	91.6
51	38.0	30.4	45.6

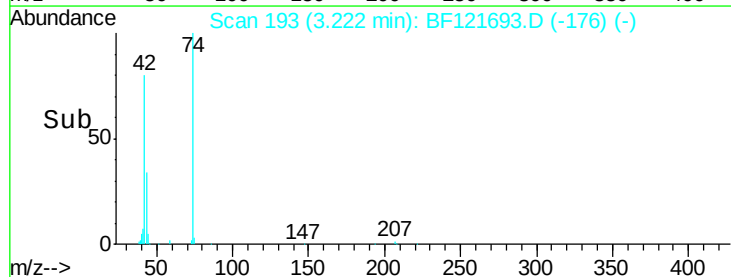
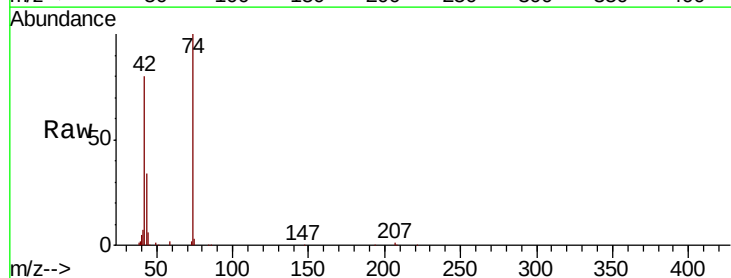
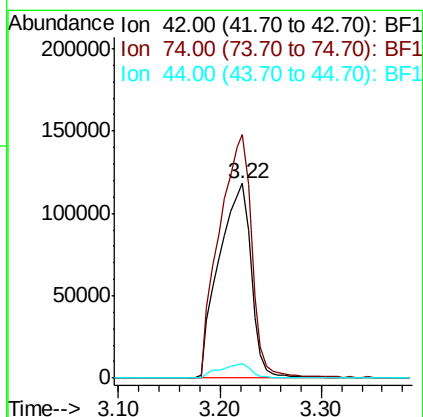
Manual Integrations
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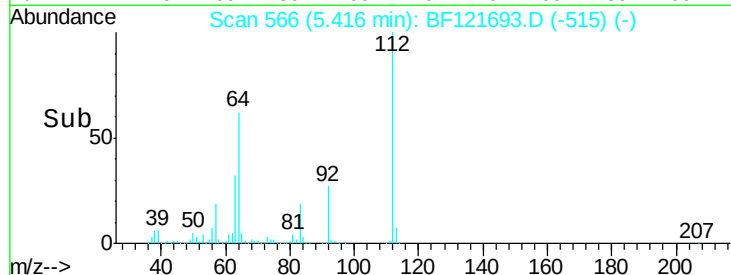
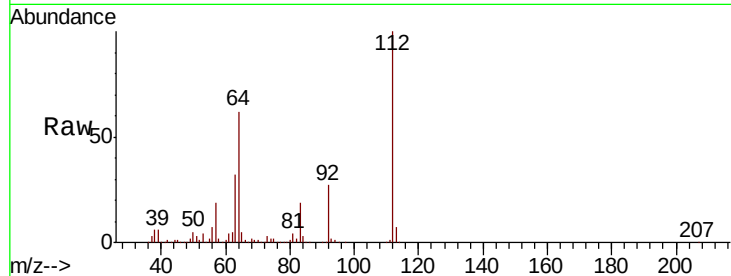
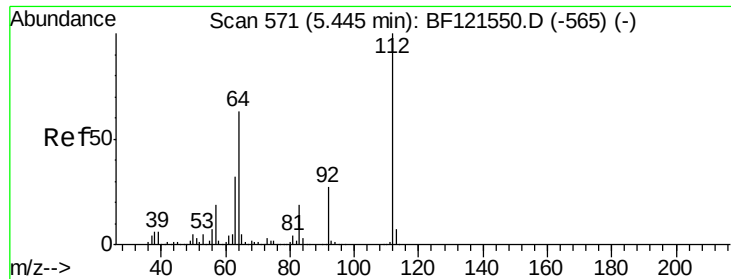
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#4
 n-Nitrosodimethylamine
 Concen: 38.752 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.0	100.0	150.0
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 77.280 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

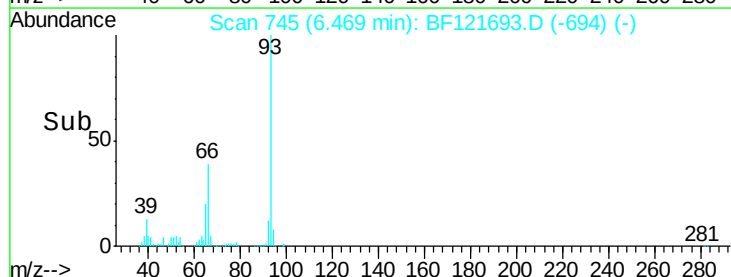
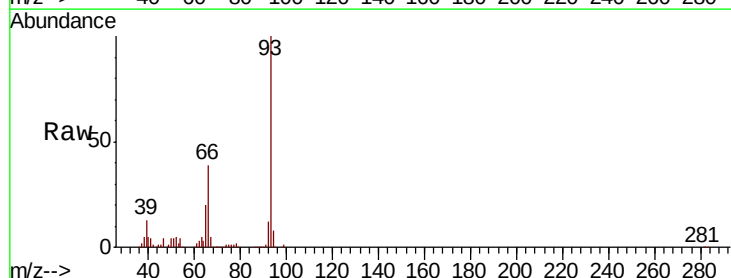
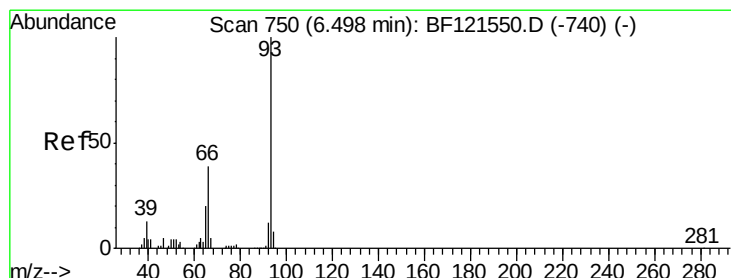
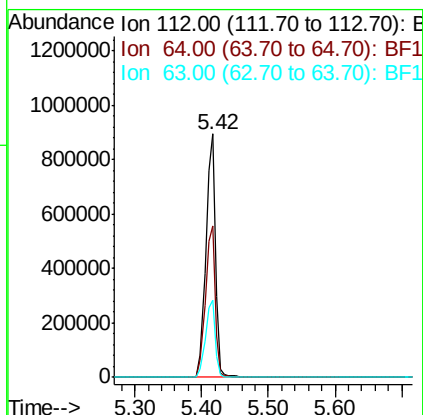
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	883864		
64	61.9	49.5	74.3	
63	31.5	25.2	37.8	

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#6

Aniline

Concen: 38.350 ng

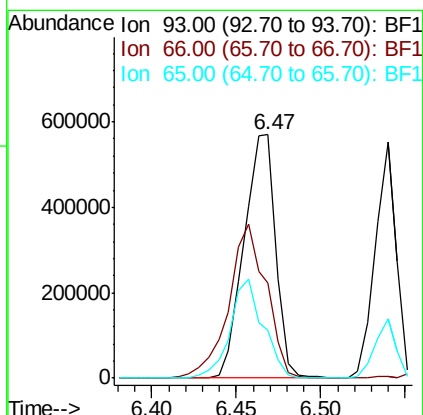
RT: 6.47 min Scan# 745

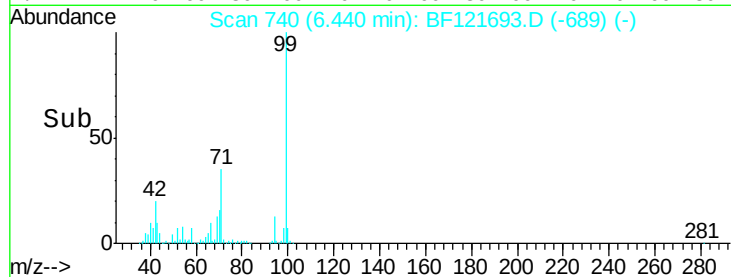
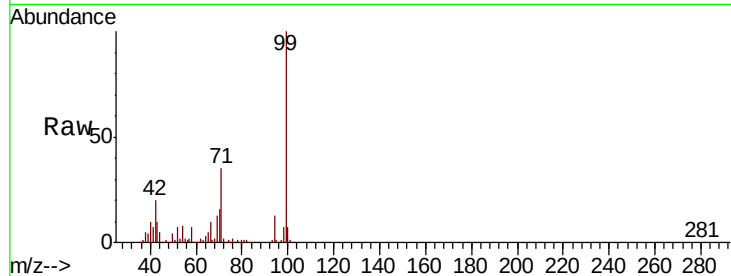
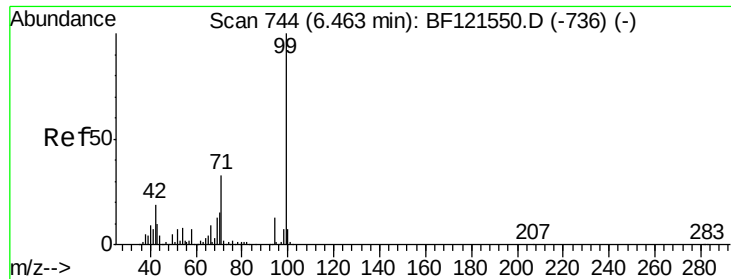
Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	749438		
66	39.2	31.4	47.0	
65	19.7	15.8	23.6	





#7

Phenol-d6

Concen: 77.775 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Tot Ion:	99	Resp:	1167001
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.1	24.1
71	34.9	27.9	41.9

Instrument :

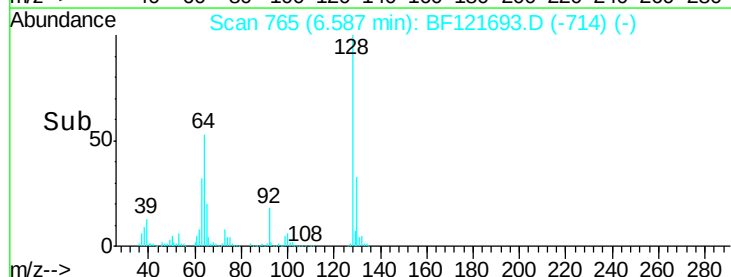
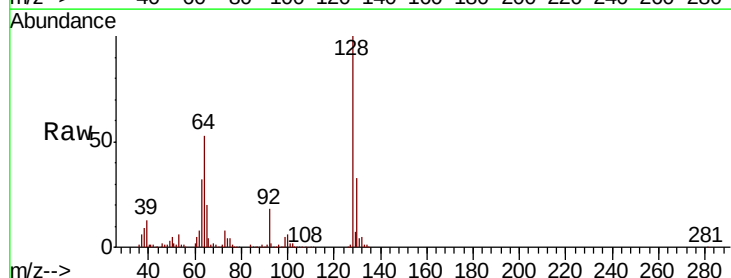
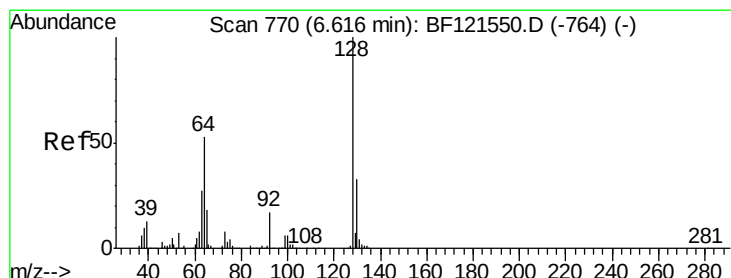
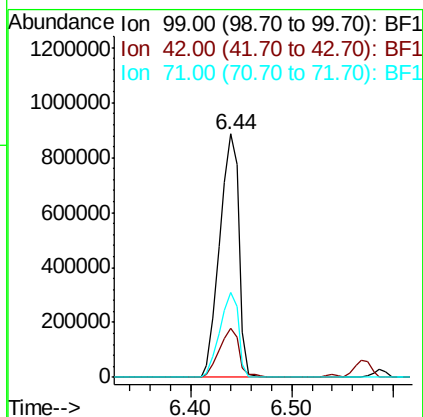
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.923 ng

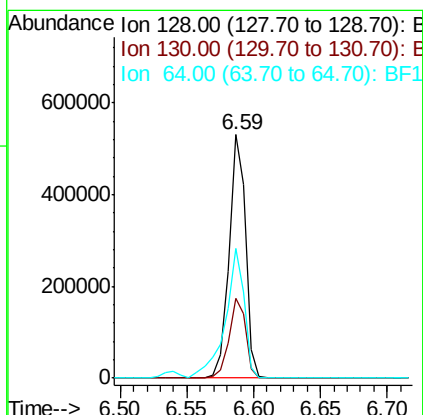
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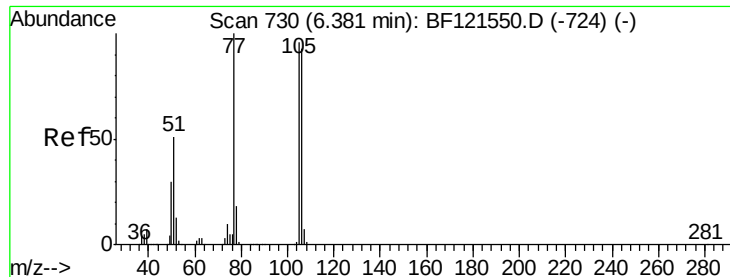
Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Tgt Ion:	128	Resp:	464885
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	53.1	33.1	73.1





#9

Benzaldehyde

Concen: 35.901 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

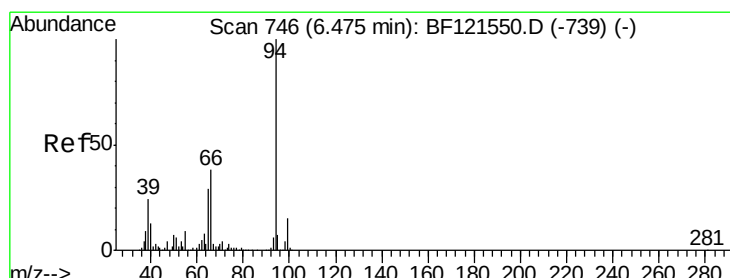
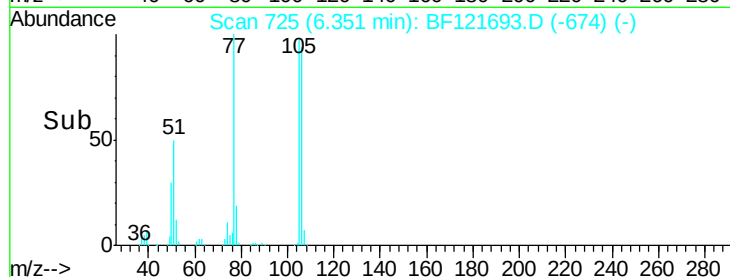
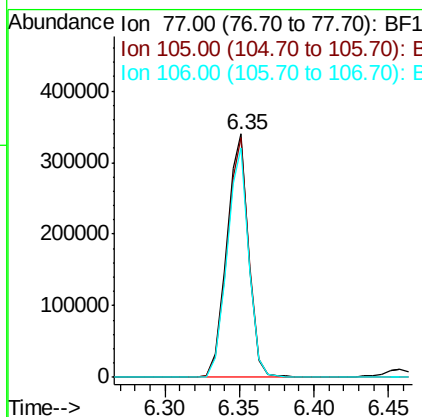
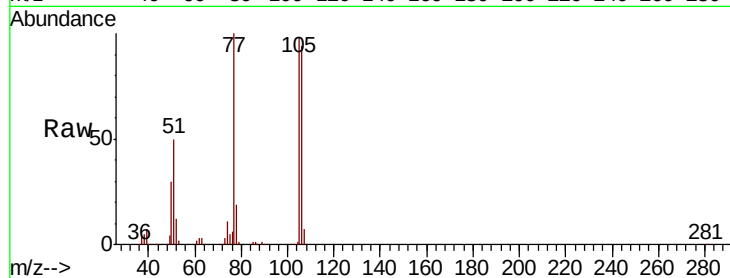
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	352156
Ion Ratio	Lower	Upper	
77	100		
105	98.3	78.3	118.3
106	94.3	74.3	114.3

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#10

Phenol

Concen: 37.879 ng

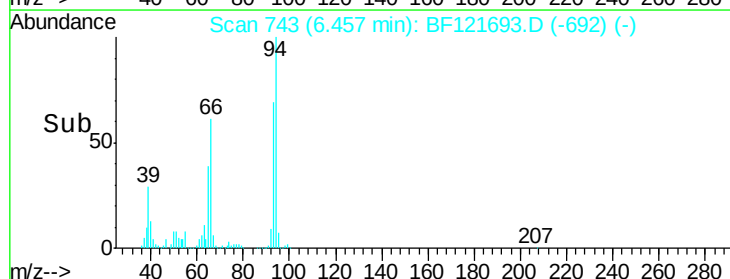
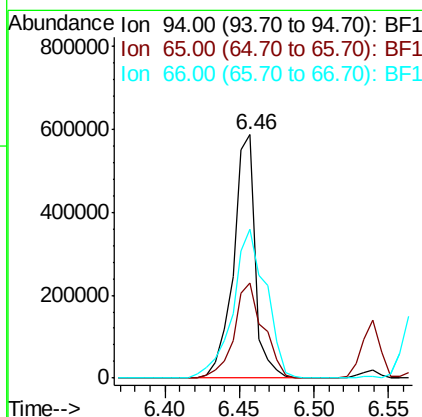
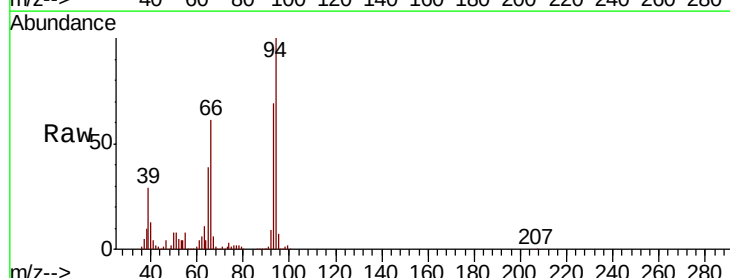
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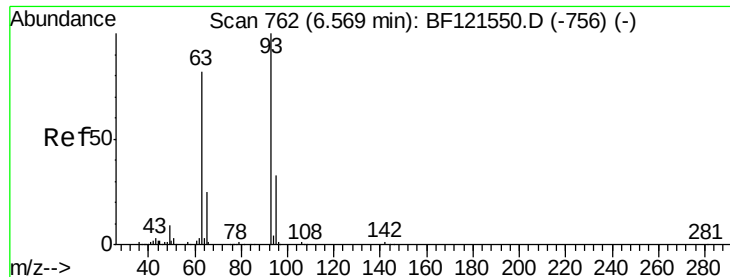
Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Tgt Ion:	94	Resp:	605244
Ion Ratio	Lower	Upper	
94	100		
65	39.2	19.2	59.2
66	61.3	41.3	81.3





#11

bis(2-Chloroethyl)ether

Concen: 39.605 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

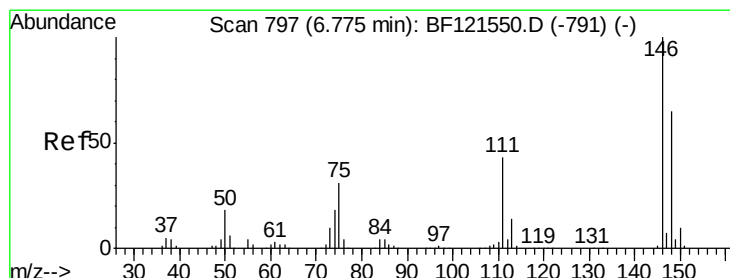
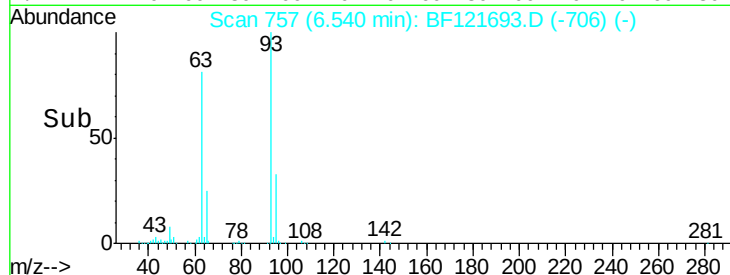
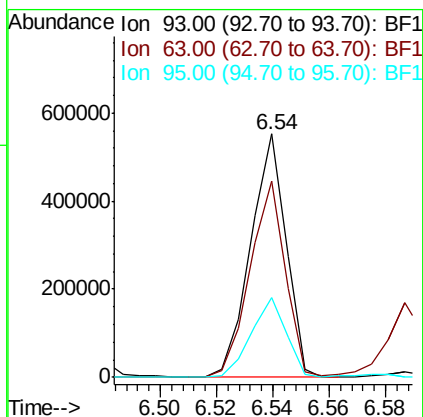
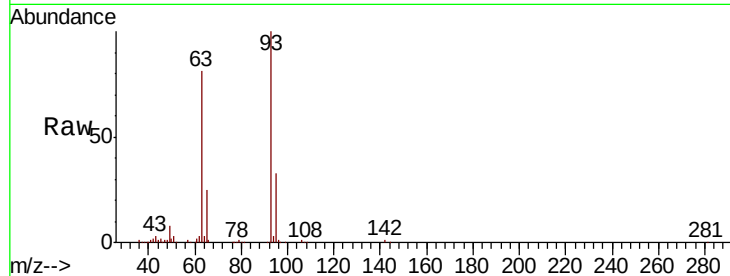
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	476955
Ion	Ratio	Lower	Upper
93	100		
63	80.7	60.7	100.7
95	32.6	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 39.903 ng

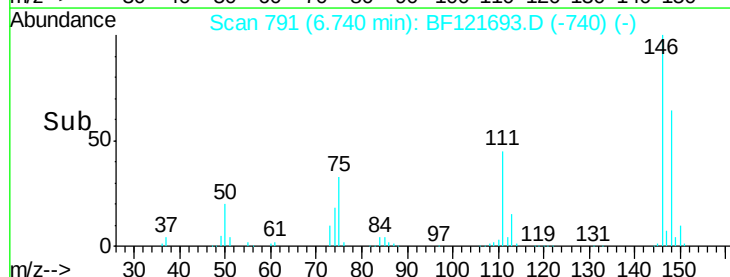
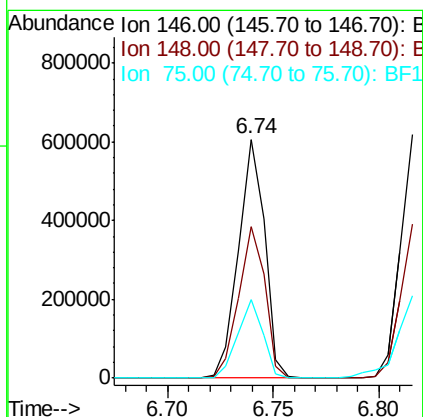
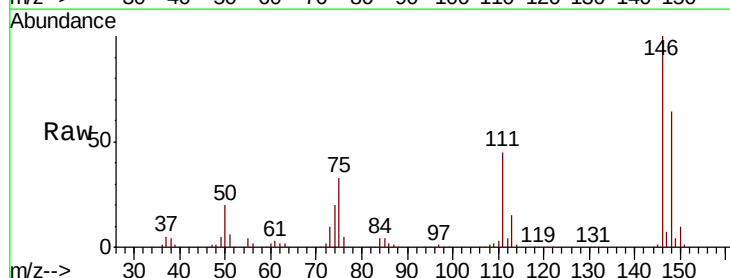
RT: 6.74 min Scan# 791

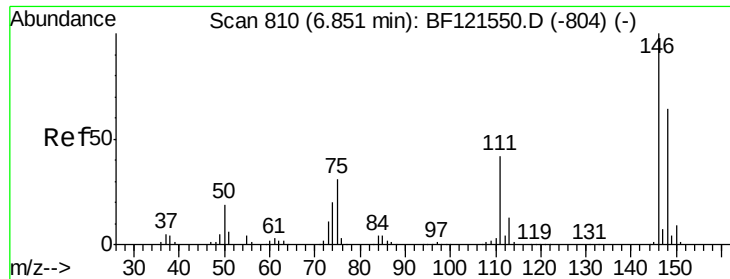
Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Tgt Ion:	146	Resp:	518631
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
75	33.1	26.5	39.7





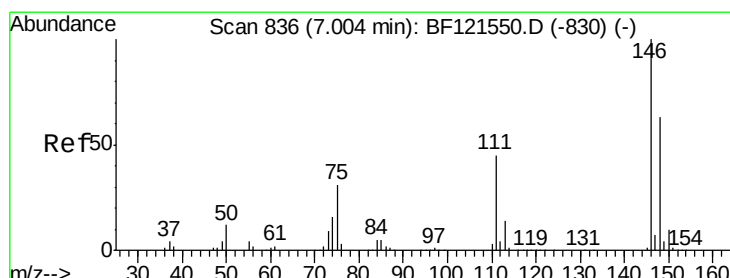
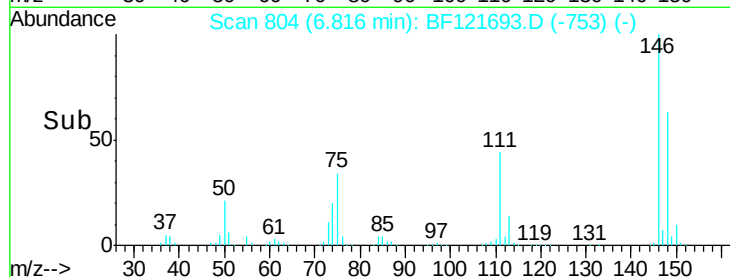
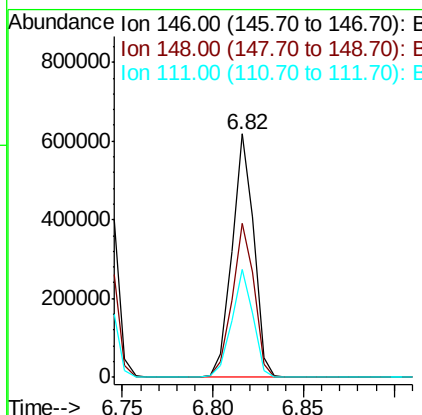
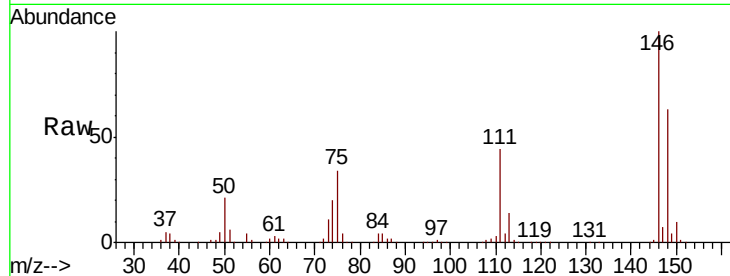
#13
1,4-Dichlorobenzene
Concen: 39.633 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	44.2	35.4	53.0

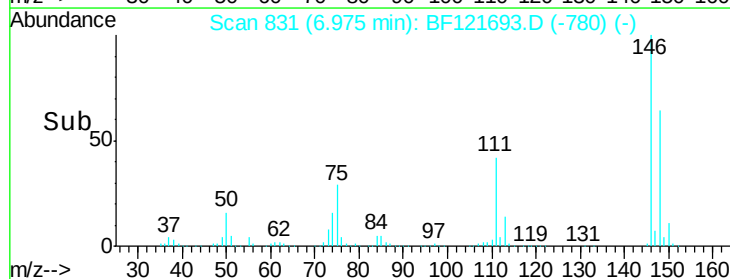
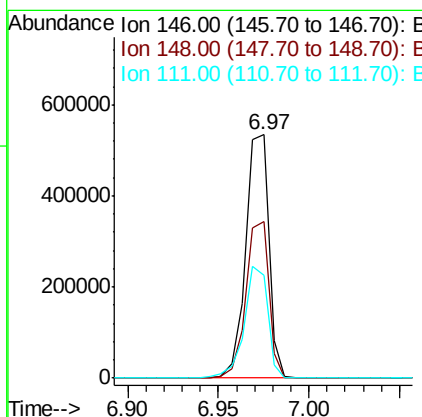
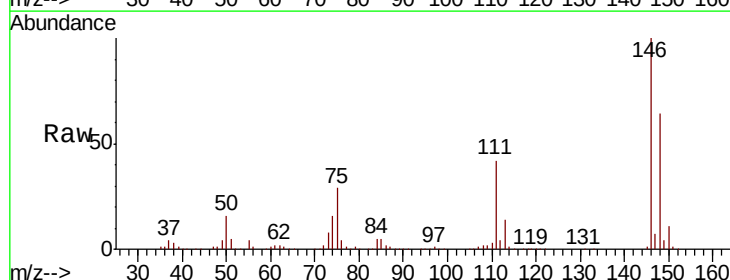
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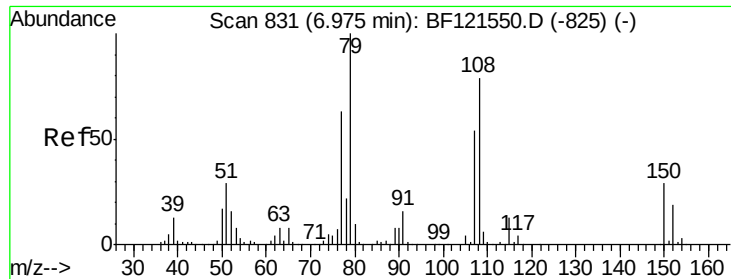
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#14
1,2-Dichlorobenzene
Concen: 39.557 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	42.3	33.8	50.8





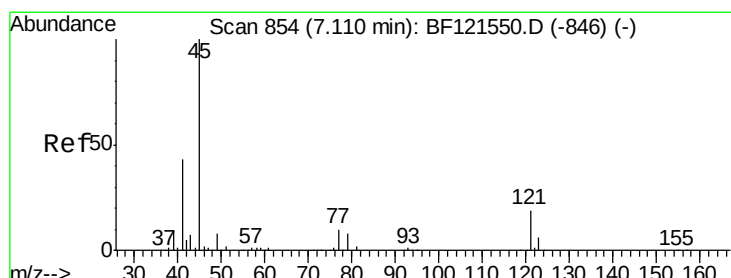
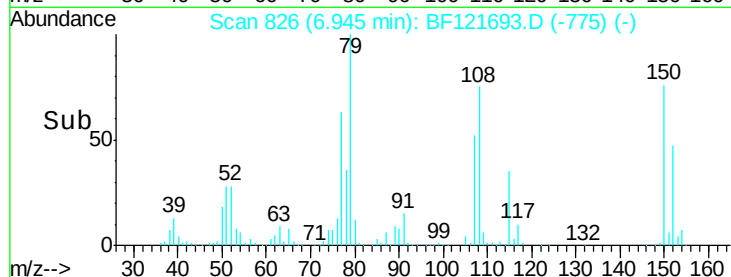
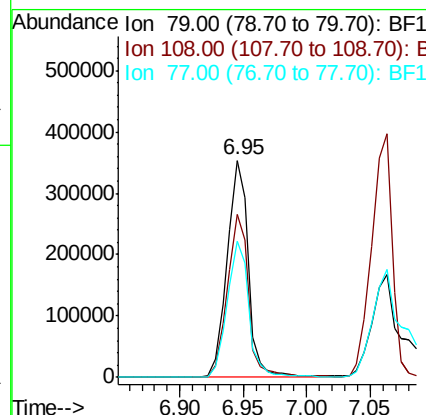
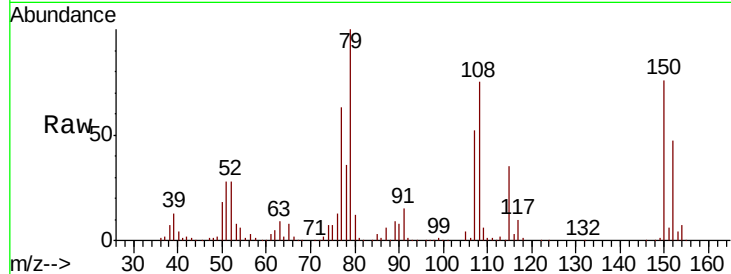
#15
Benzyl Alcohol
Concen: 40.764 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.0	60.0	90.0
77	62.6	50.1	75.1

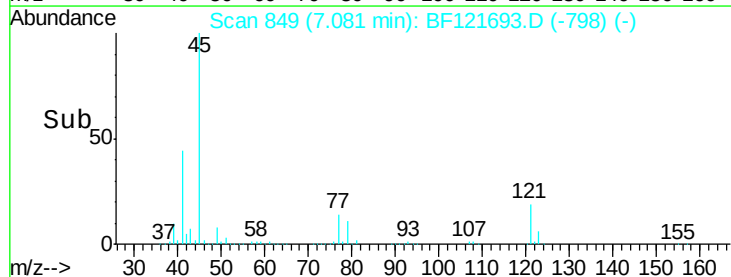
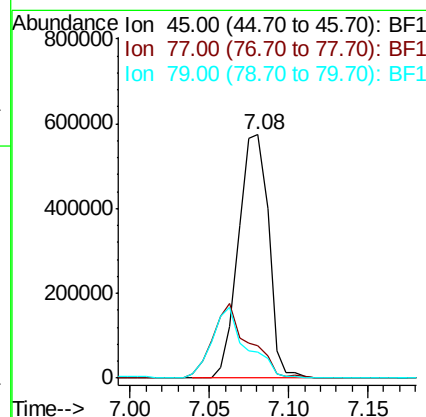
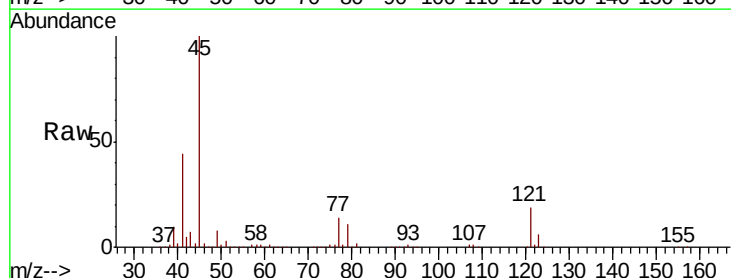
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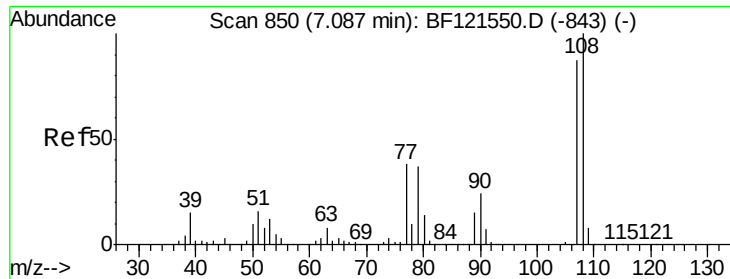
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.958 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.5
79	10.5	0.0	30.5





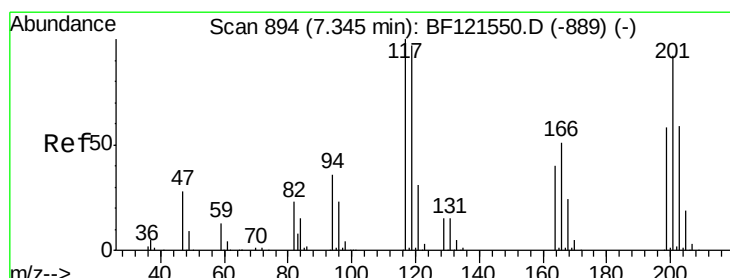
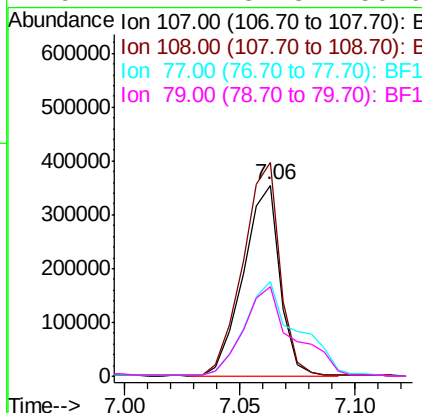
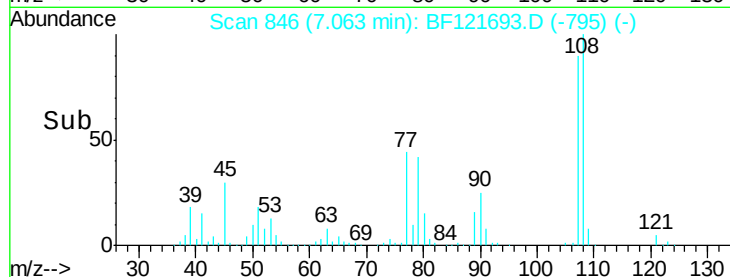
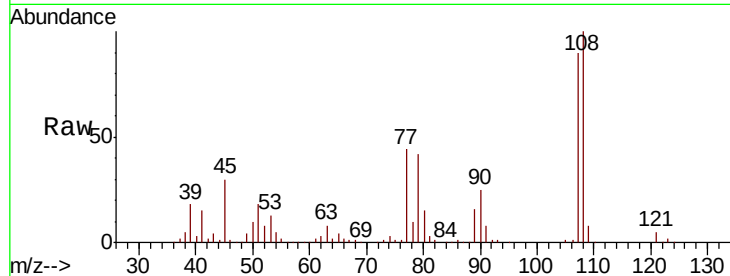
#17
2-Methylphenol
Concen: 39.492 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	391282		
108	111.7	89.4	134.0	
77	49.7	39.8	59.6	
79	47.2	37.8	56.6	

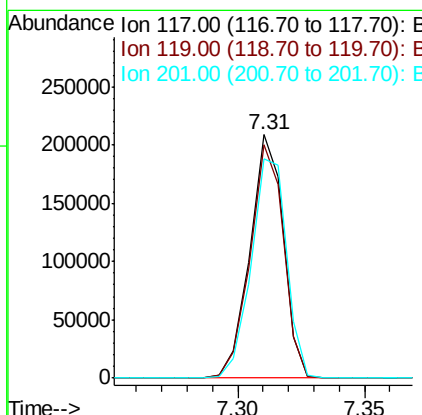
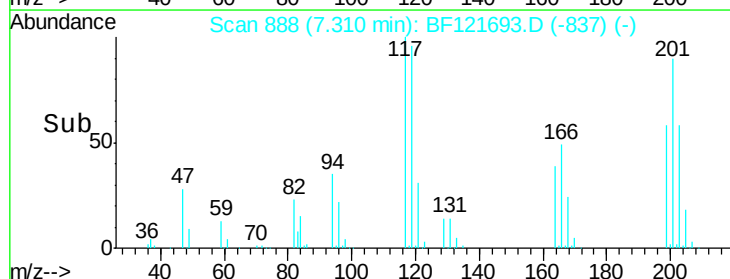
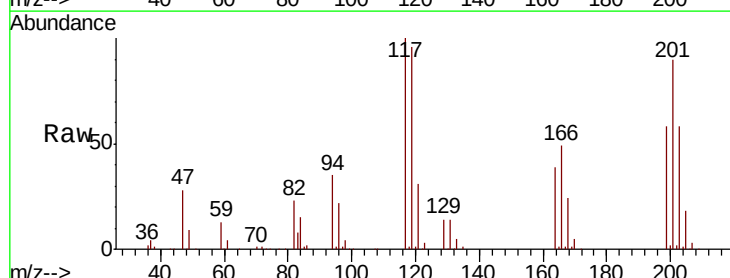
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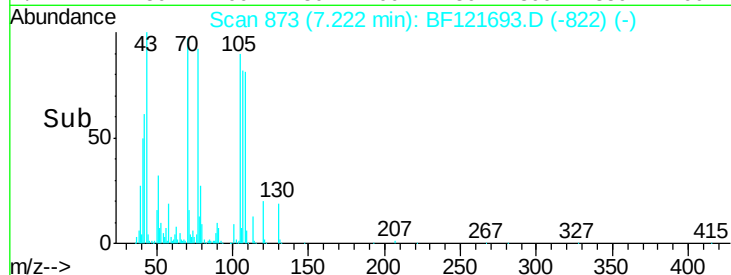
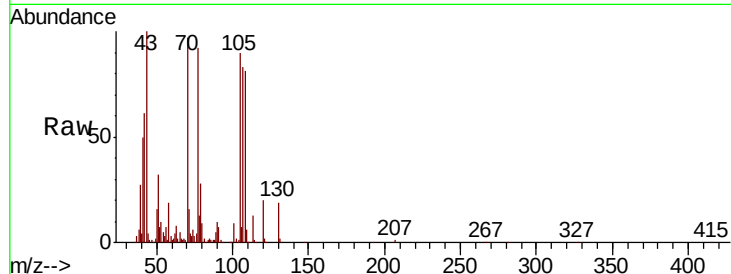
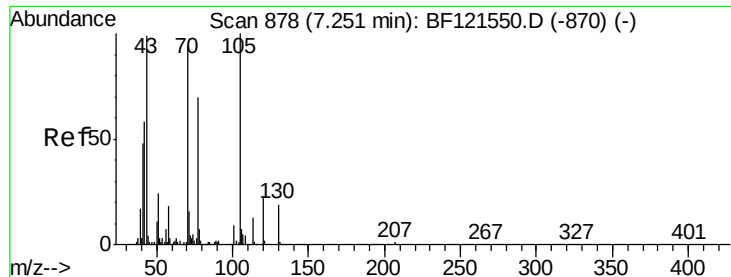
mohammad
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#18
Hexachloroethane
Concen: 41.076 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	191944		
119	95.6	76.5	114.7	
201	90.2	72.2	108.2	





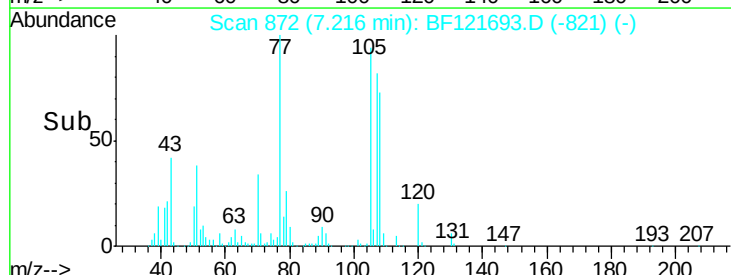
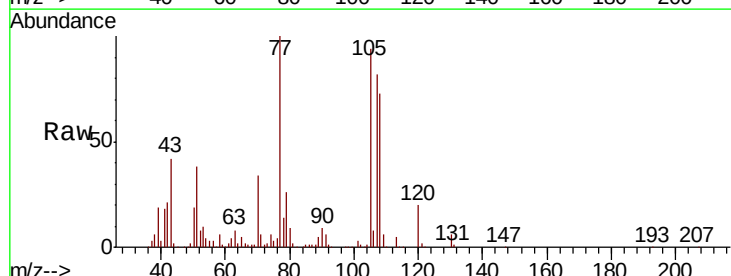
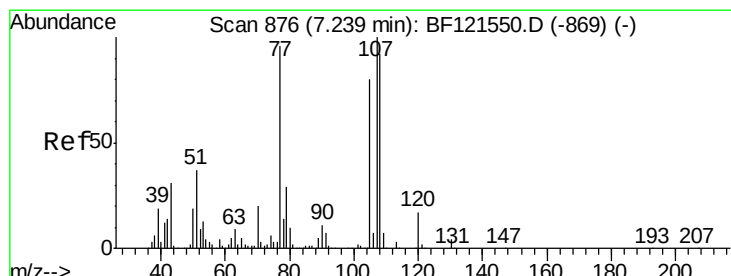
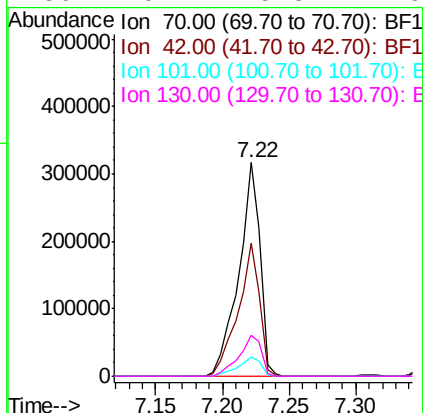
#19
n-Nitroso-di-n-propylamine
Concen: 40.594 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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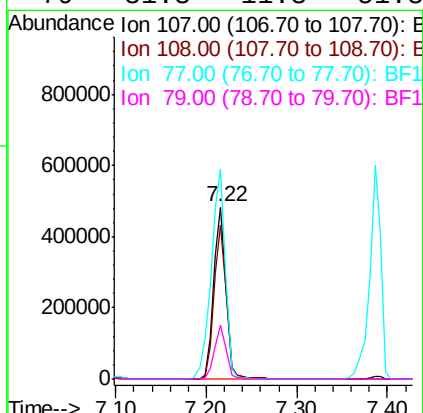
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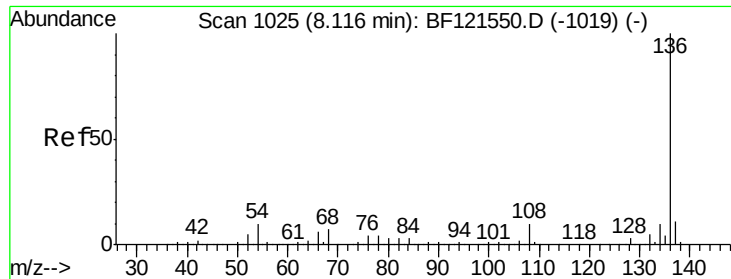
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	50.1	75.1
101	9.2	7.4	11.0
130	19.1	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.310 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.7	109.7
77	122.4	102.4	142.4
79	31.3	11.3	51.3





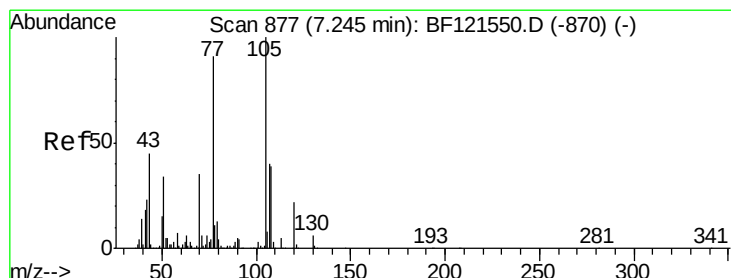
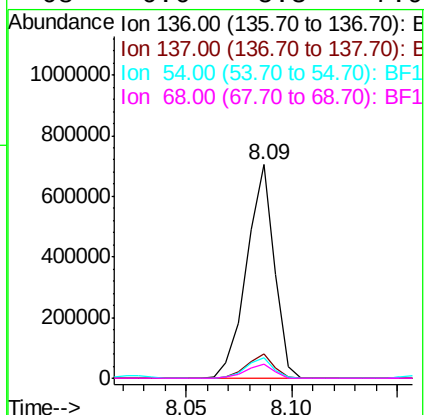
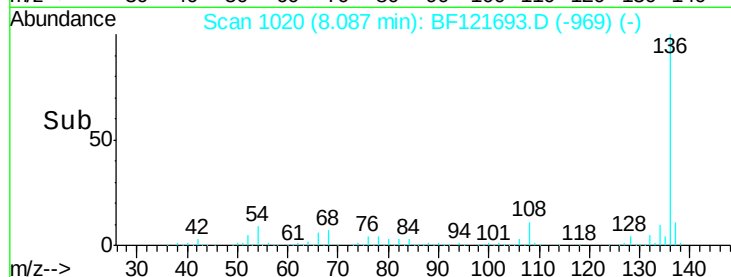
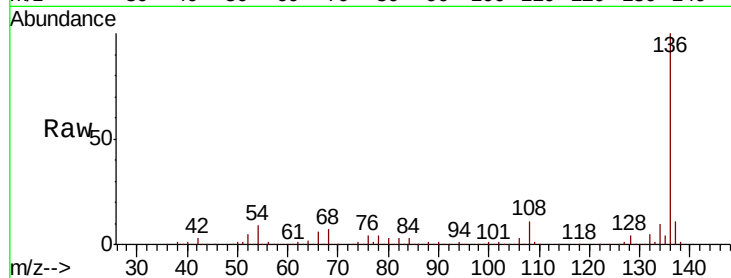
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	641118		
137	11.1	8.9	13.3	
54	9.5	7.6	11.4	
68	6.6	5.3	7.9	

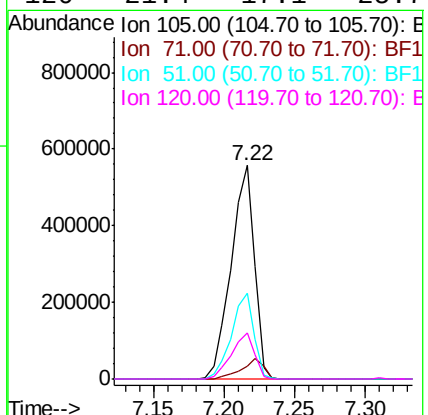
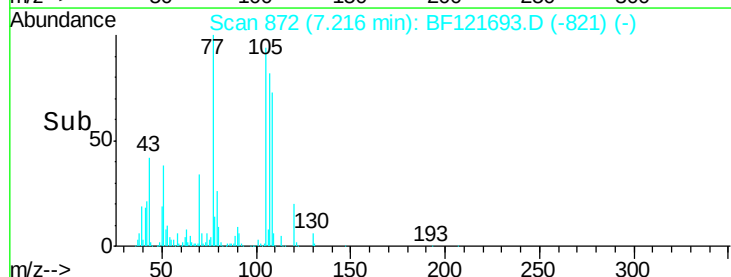
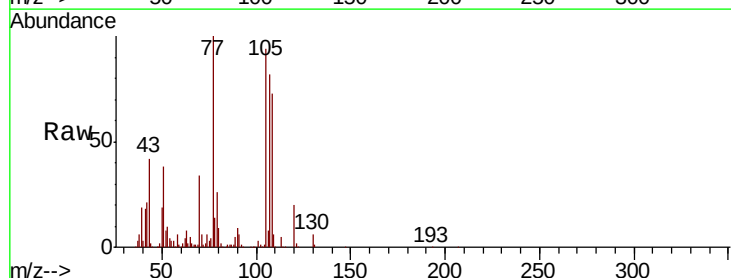
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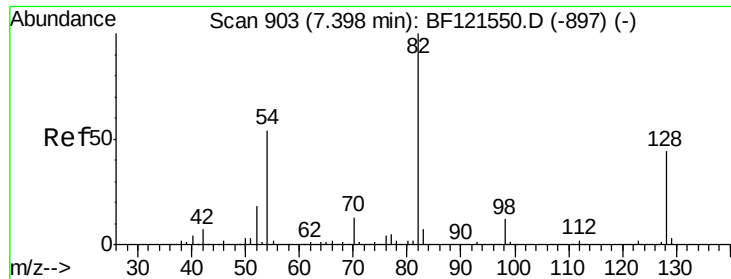
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#22
Acetophenone
Concen: 39.288 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	639078		
71	5.8	4.6	7.0	
51	40.4	32.3	48.5	
120	21.4	17.1	25.7	





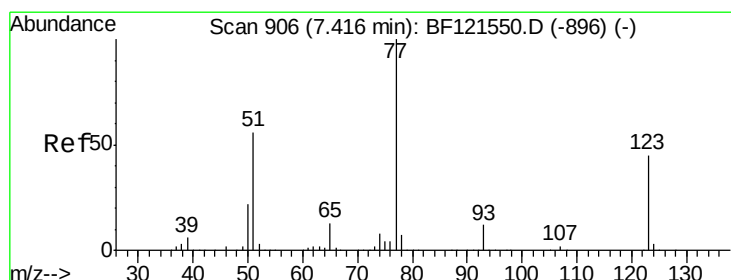
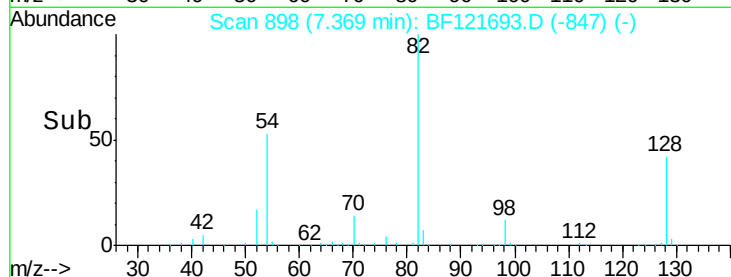
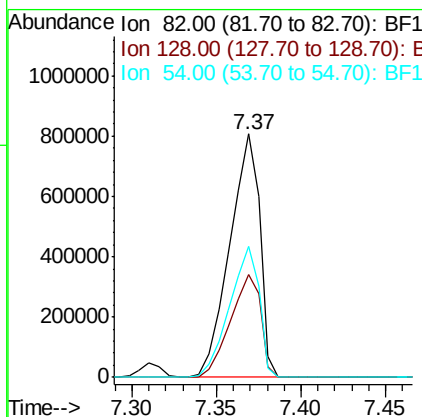
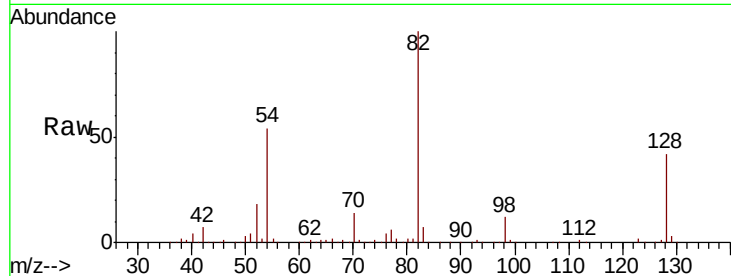
#23
Nitrobenzene-d5
Concen: 83.361 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.9	50.9
54	54.0	43.2	64.8

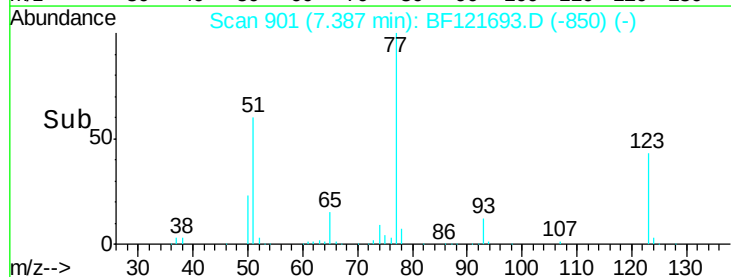
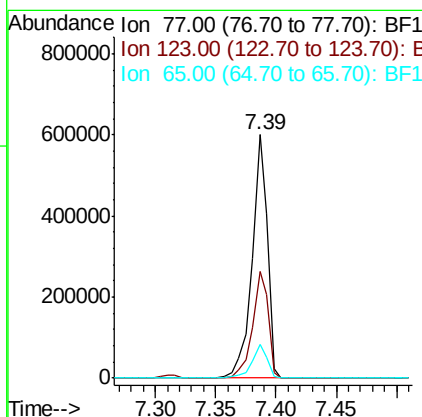
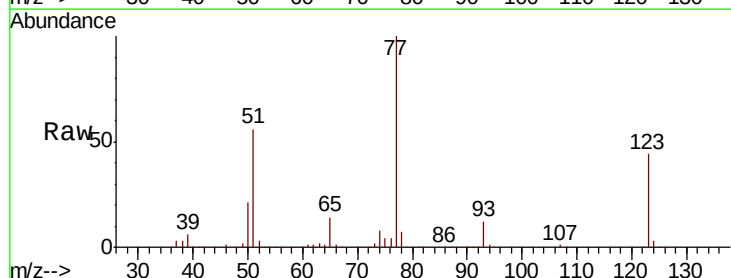
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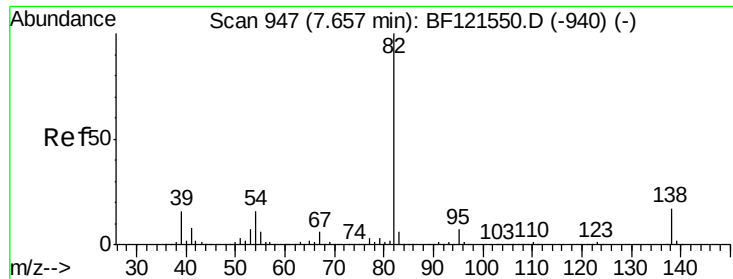
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#24
Nitrobenzene
Concen: 41.074 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.0	52.6
65	13.9	11.1	16.7





#25

Isophorone

Concen: 41.378 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

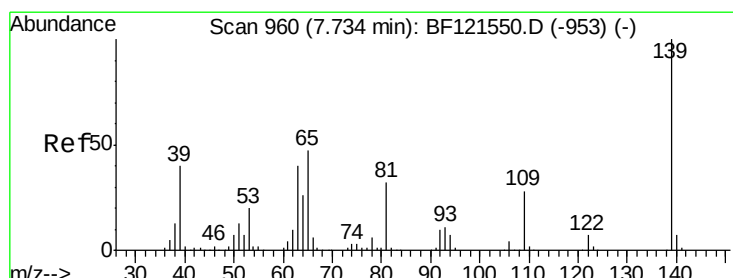
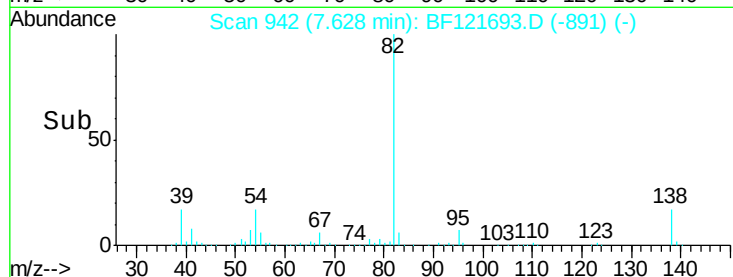
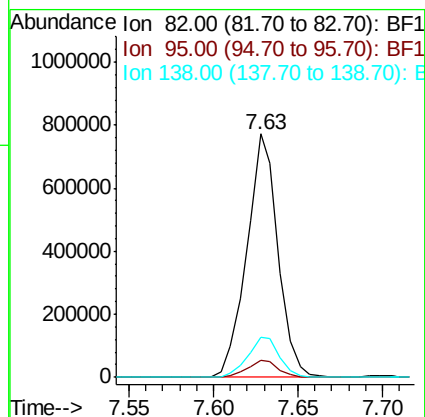
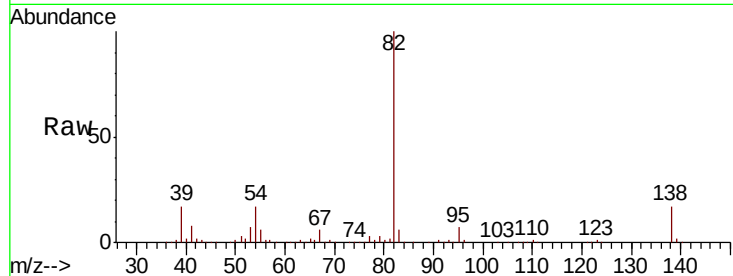
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	994587
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	16.6	13.3	19.9

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#26

2-Nitrophenol

Concen: 40.648 ng

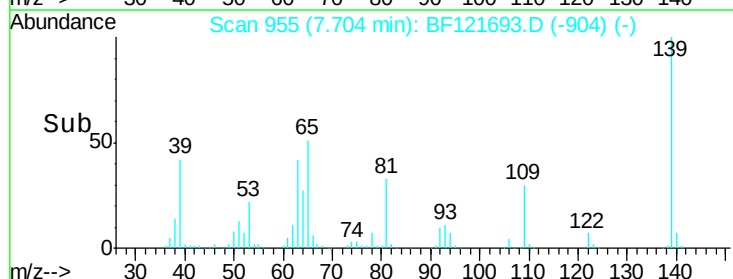
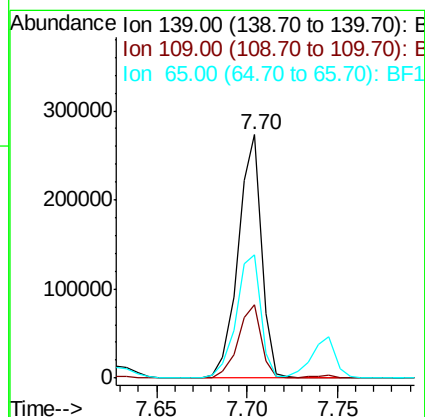
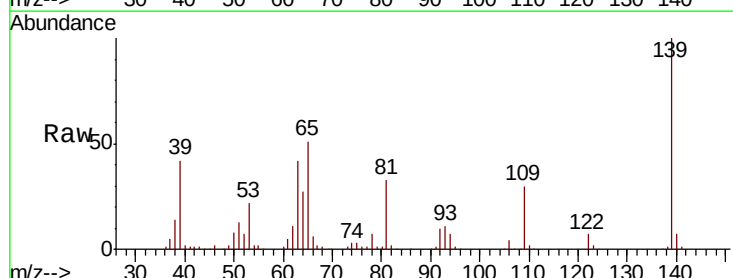
RT: 7.70 min Scan# 955

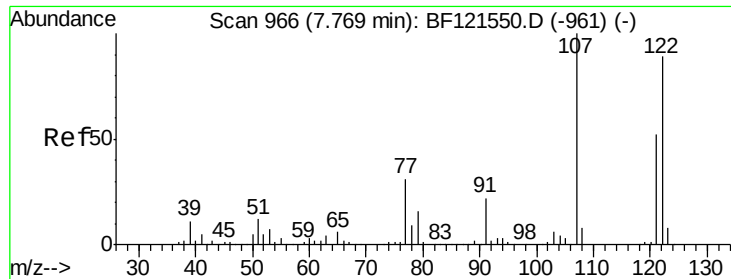
Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Tgt Ion:	139	Resp:	244614
Ion Ratio	Lower	Upper	
139	100		
109	30.0	24.0	36.0
65	50.6	40.5	60.7





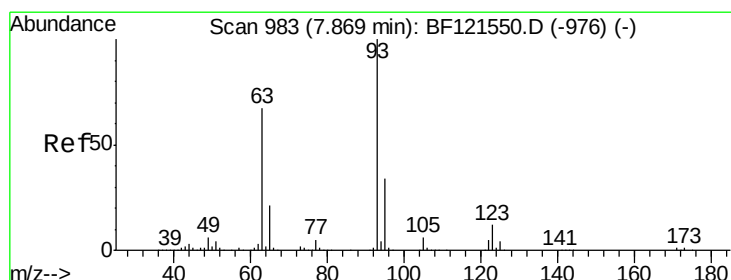
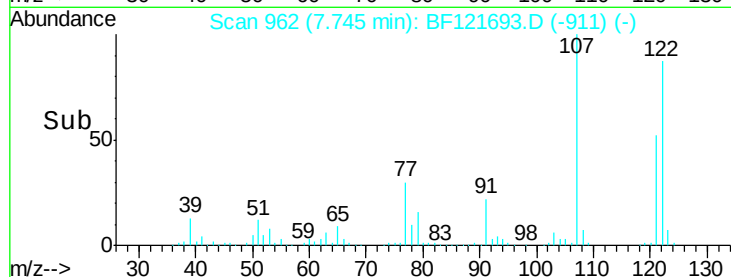
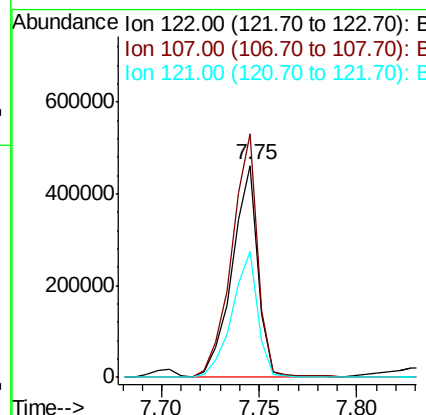
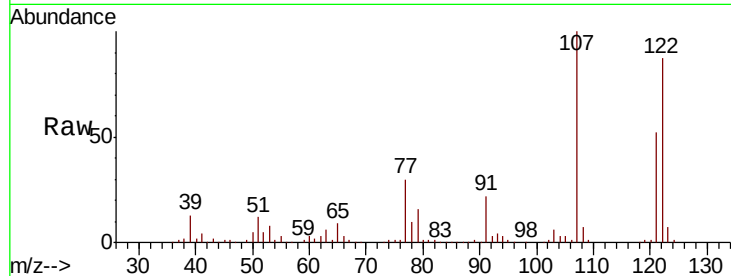
#27
2,4-Dimethylphenol
Concen: 39.576 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	91.8	137.8
121	59.3	47.4	71.2

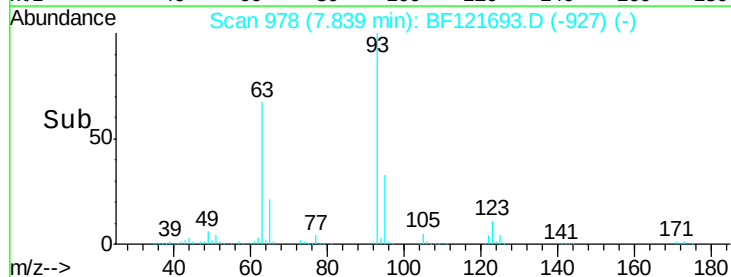
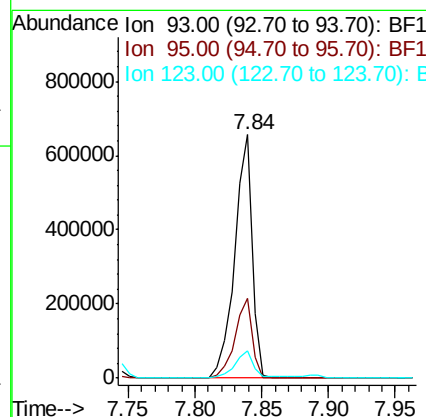
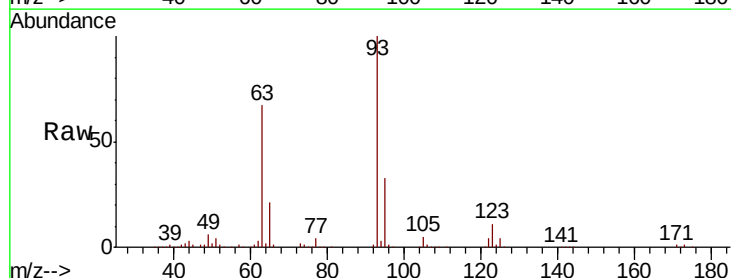
Manual Integrations
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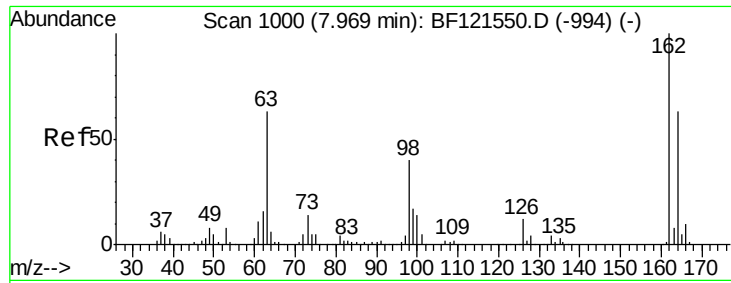
mohammad
9/28/2020 11:10:26 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.079 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.3	9.0	13.6





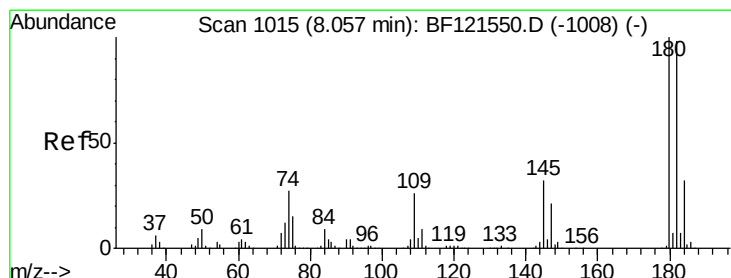
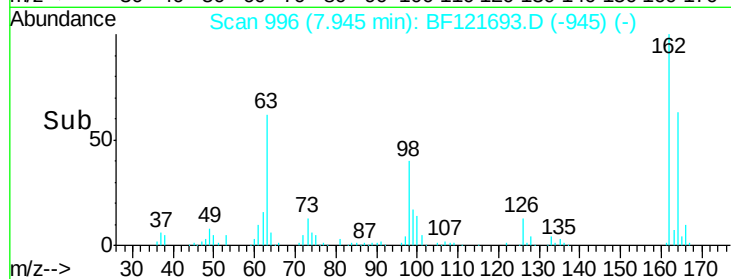
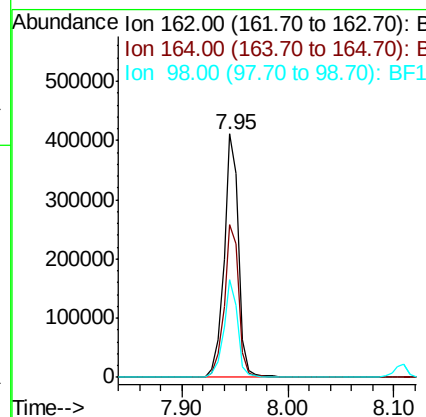
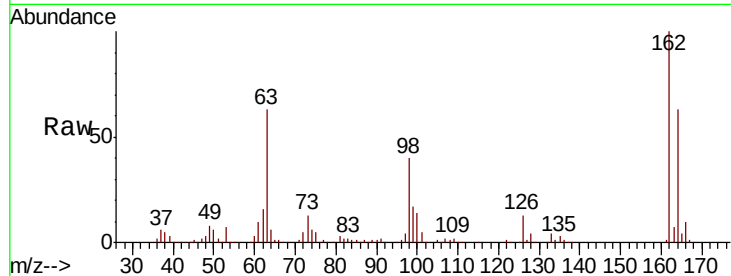
#29
 2,4-Dichlorophenol
 Concen: 40.779 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	398513
Ion Ratio	Lower	Upper	
162	100		
164	63.0	43.0	83.0
98	40.2	20.2	60.2

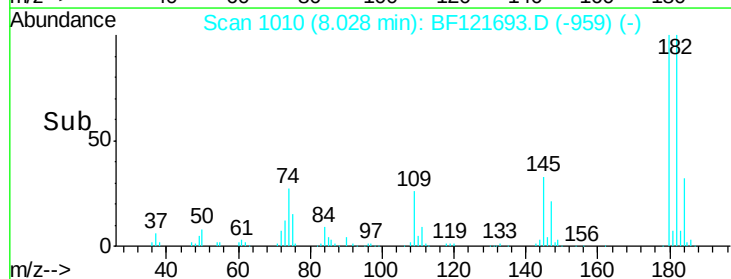
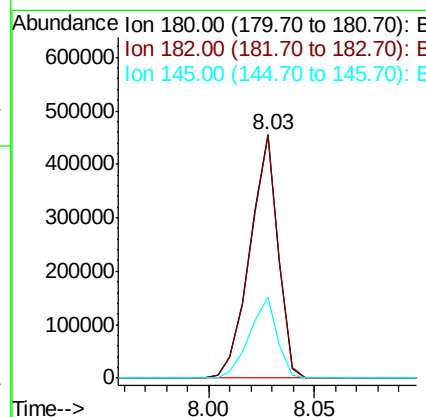
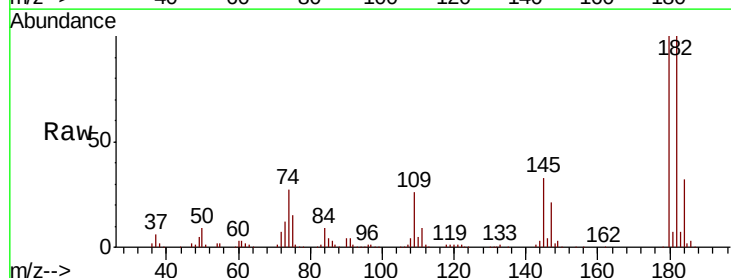
Manual Integrations
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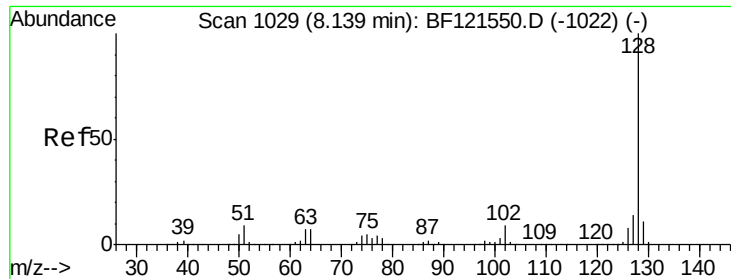
mohammad
 9/28/2020 11:10:26 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.880 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion:	180	Resp:	420749
Ion Ratio	Lower	Upper	
180	100		
182	99.6	79.7	119.5
145	33.5	26.8	40.2





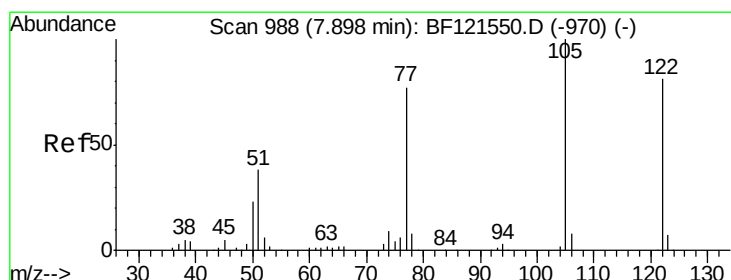
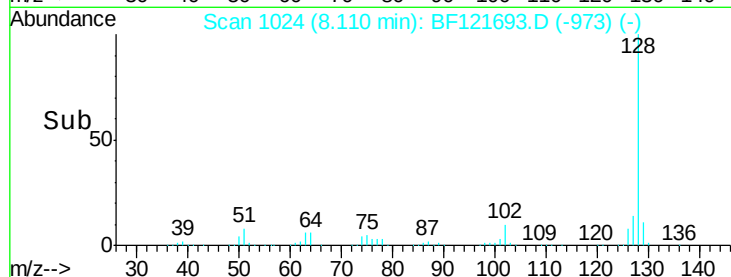
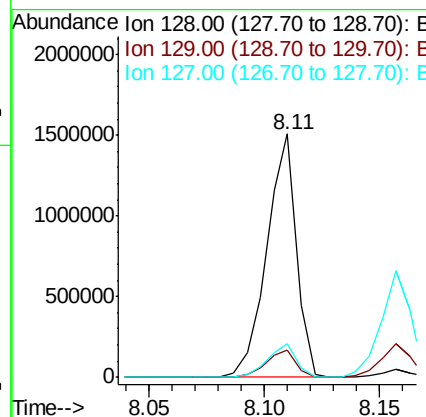
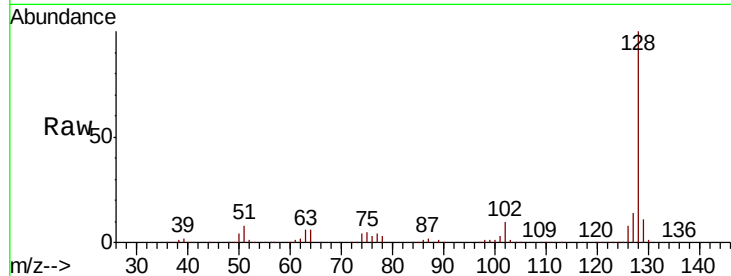
#31
Naphthalene
Concen: 39.797 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.7	11.0	16.4

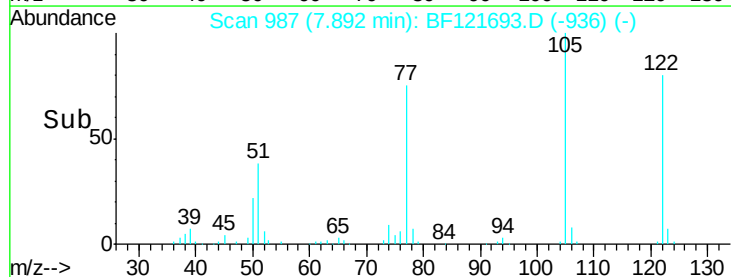
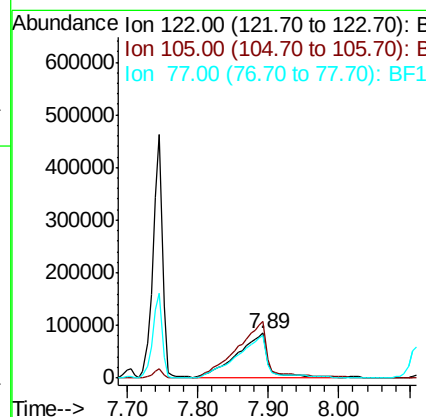
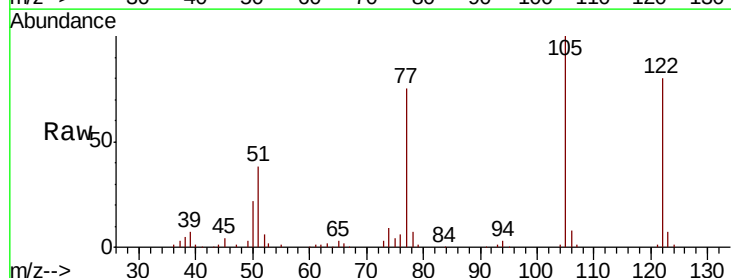
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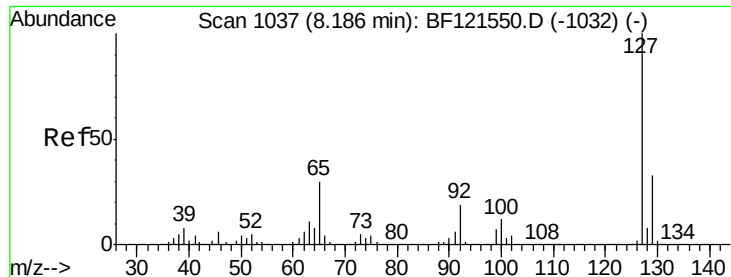
mohammad
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#32
Benzoic acid
Concen: 34.299 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	105.7	145.7
77	93.9	73.9	113.9





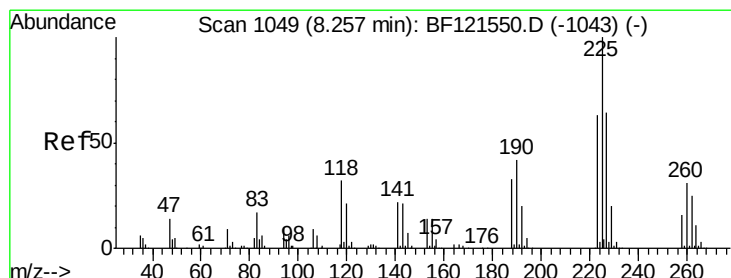
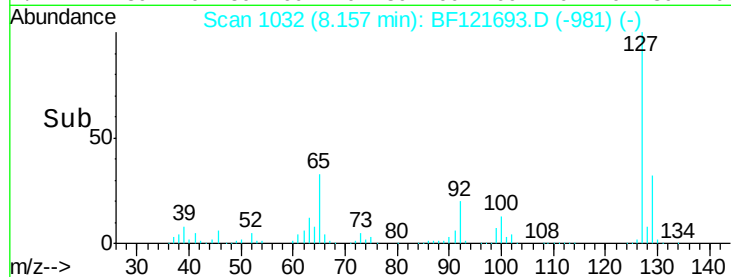
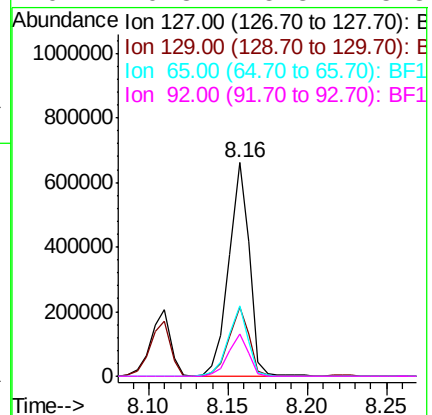
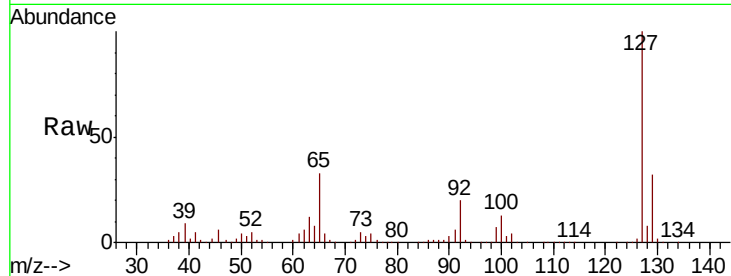
#33
4-Chloroaniline
Concen: 40.525 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.7	38.5		
65	32.9	26.3	39.5		
92	19.8	15.8	23.8		

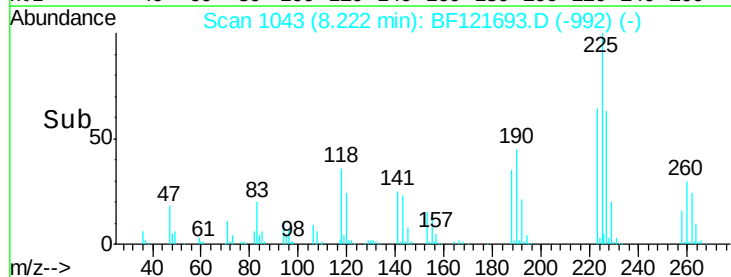
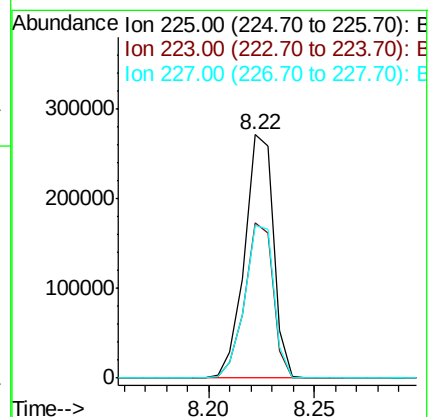
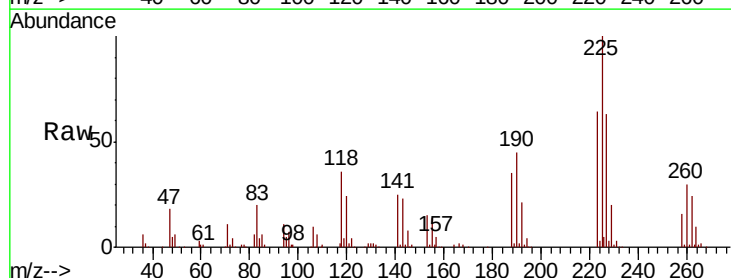
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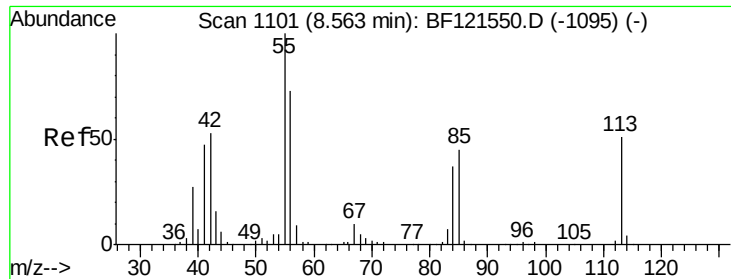
mohammad
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#34
Hexachlorobutadiene
Concen: 42.453 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.9	76.3		
227	62.9	50.3	75.5		





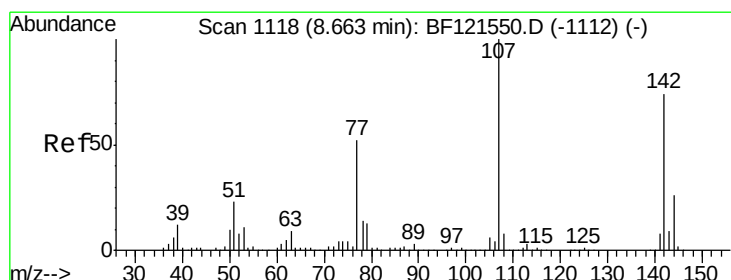
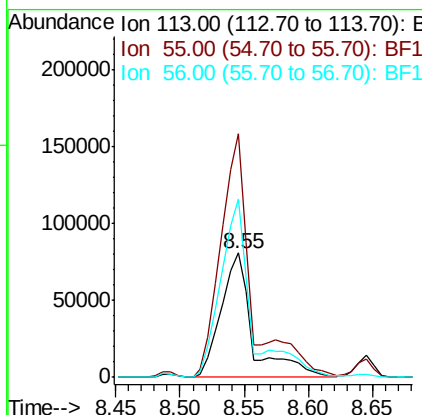
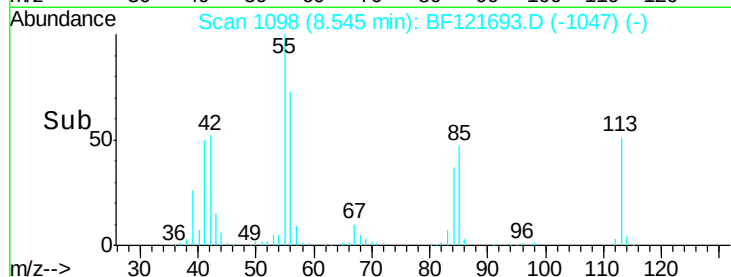
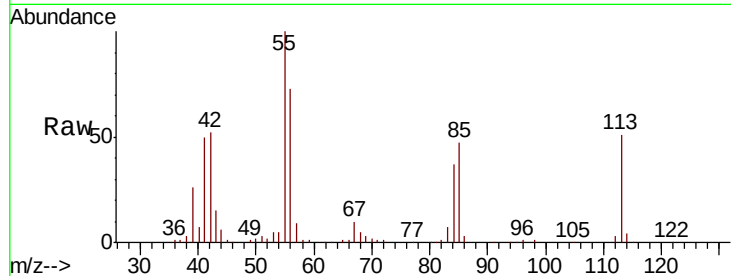
#35
Caprolactam
Concen: 42.343 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	195.9		175.9	215.9	
56	143.2		123.2	163.2	

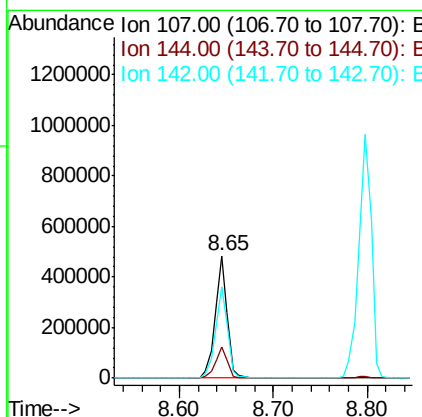
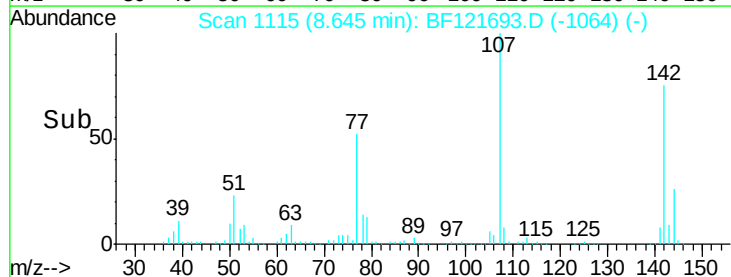
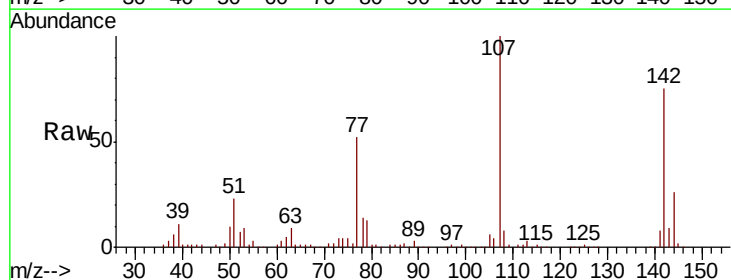
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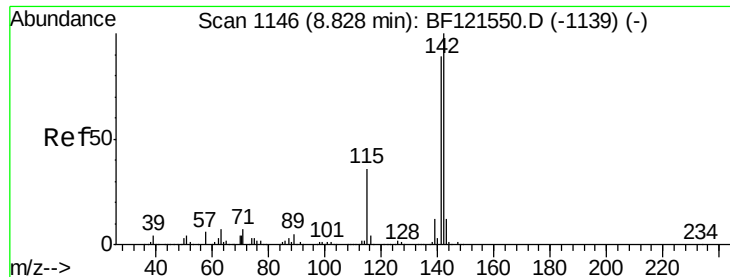
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.792 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6		20.5	30.7	
142	74.8		59.8	89.8	





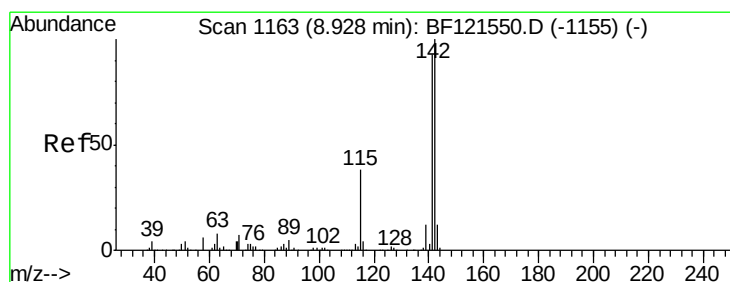
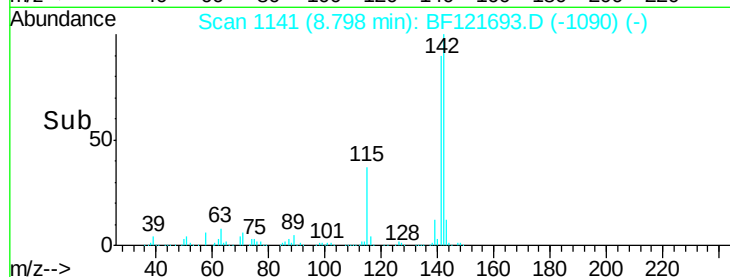
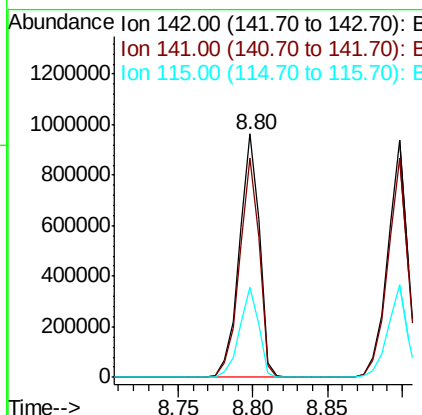
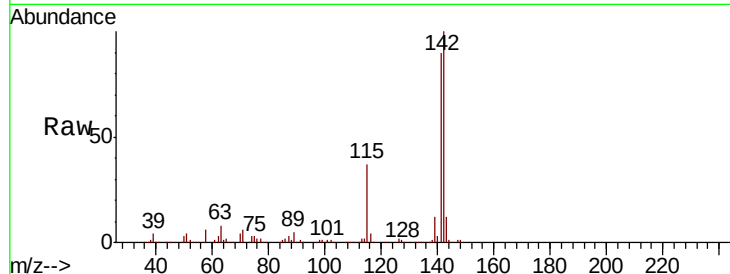
#37
2-Methylnaphthalene
Concen: 40.498 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	37.1	29.7	44.5

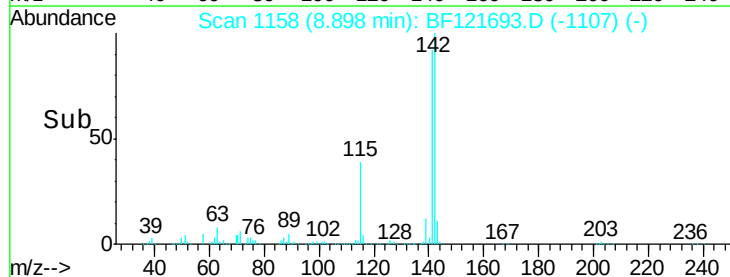
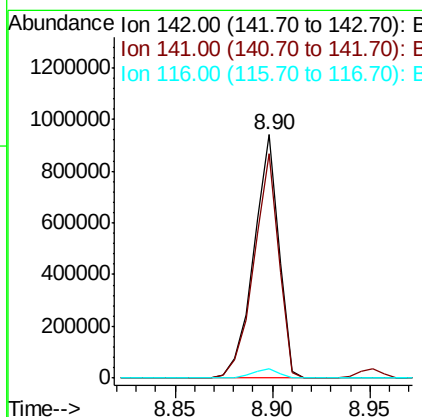
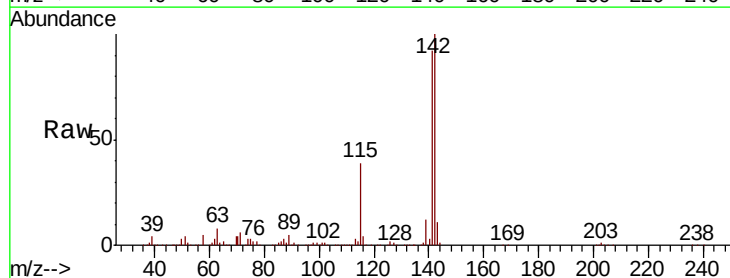
Manual Integrations
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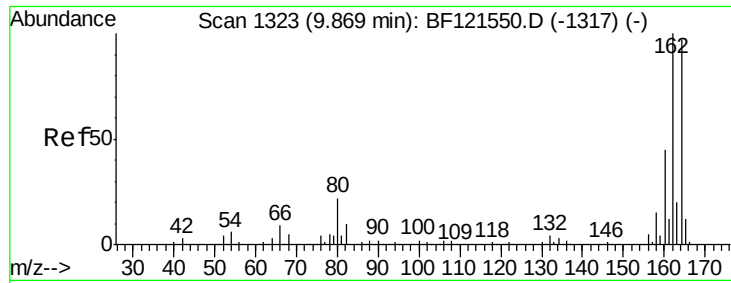
mohammad
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#38
1-Methylnaphthalene
Concen: 40.263 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.5	110.3
116	4.0	3.2	4.8





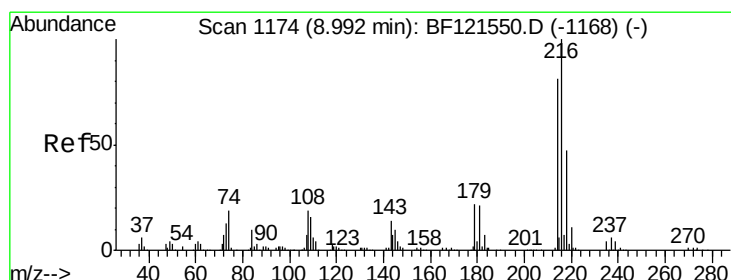
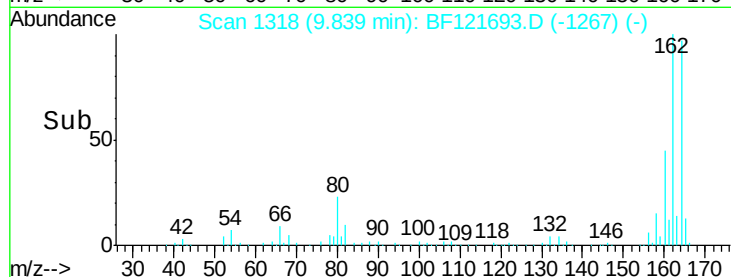
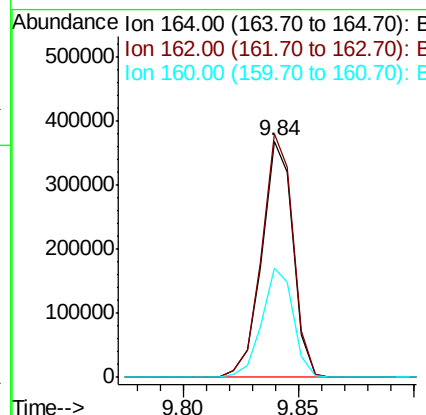
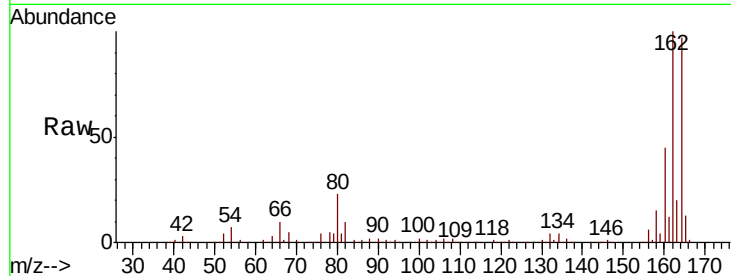
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	82.3	123.5	
160	46.4	37.1	55.7	

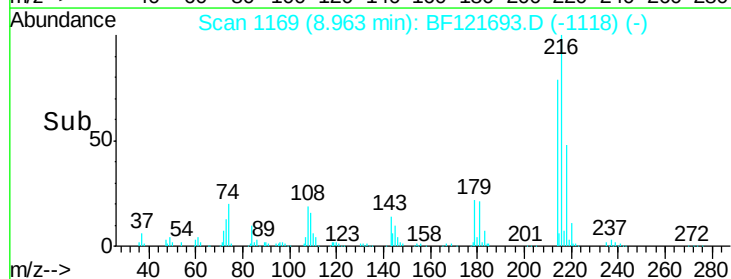
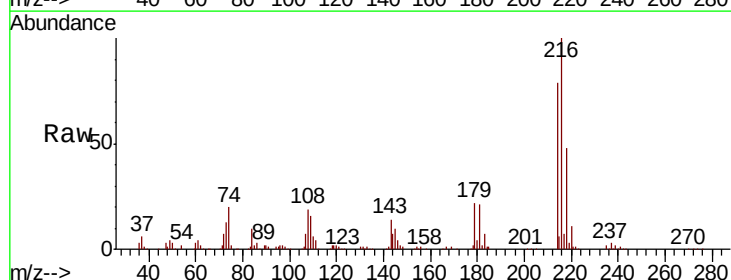
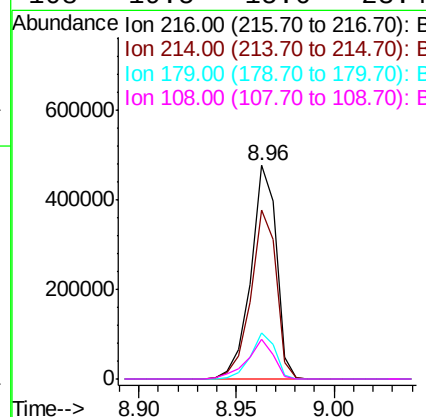
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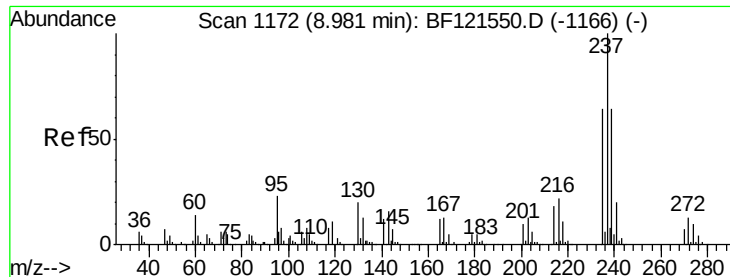
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.602 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.5	95.3	
179	20.9	16.7	25.1	
108	19.5	15.6	23.4	





#41

Hexachlorocyclopentadiene

Concen: 40.377 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

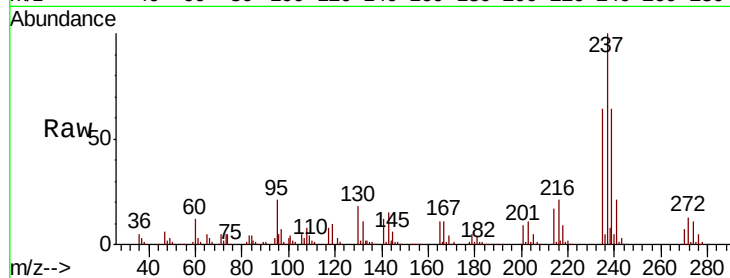
ClientSampleId :

SSTDCCC040

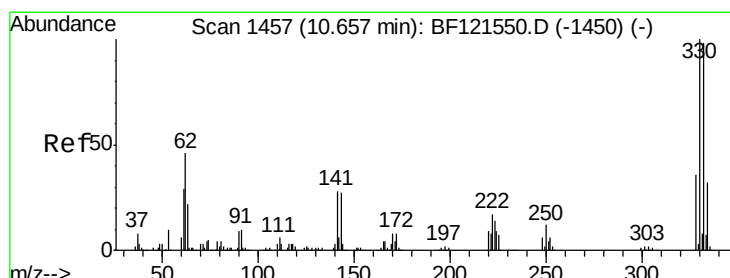
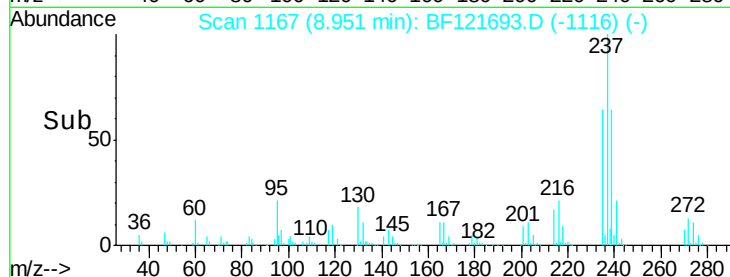
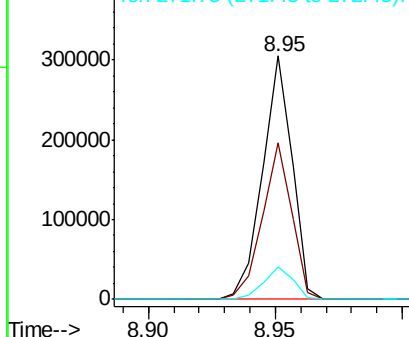
Tot Ion:	237	Resp:	250822
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.1	84.1
272	13.4	0.0	33.4

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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: 90.372 ng

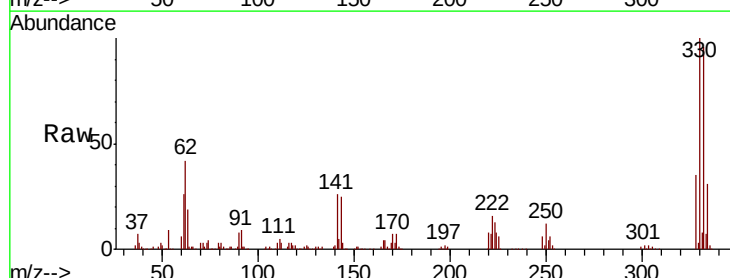
RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

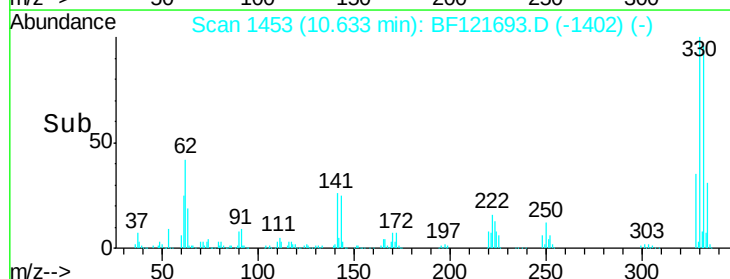
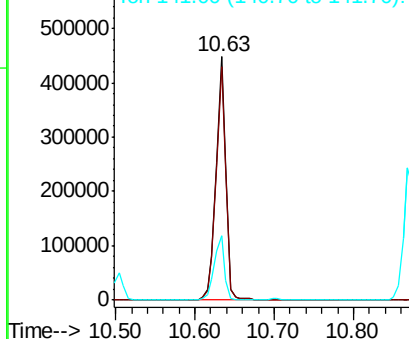
Lab File: BF121693.D

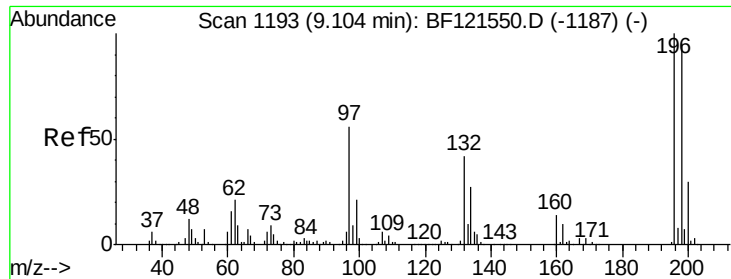
Acq: 25 Sep 2020 13:36

Tgt Ion:	330	Resp:	391136
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.7	115.1
141	27.7	22.2	33.2



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





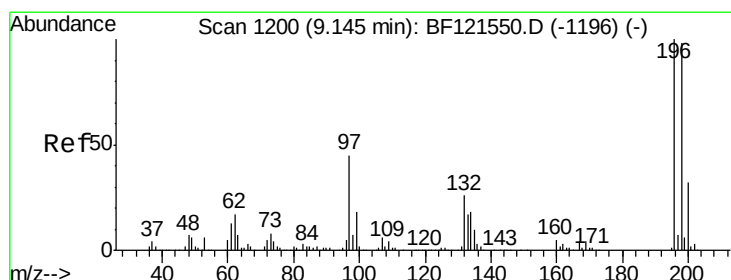
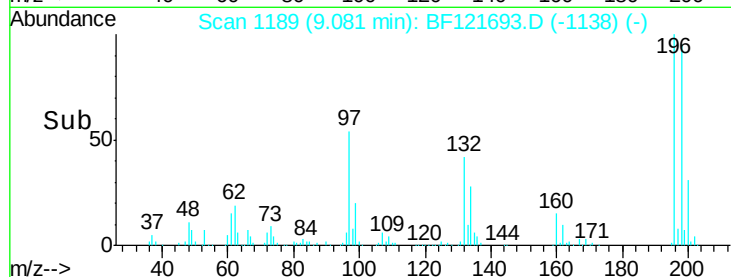
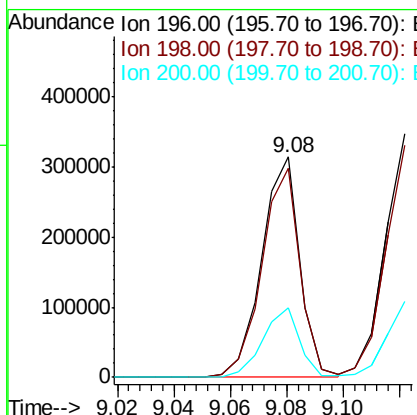
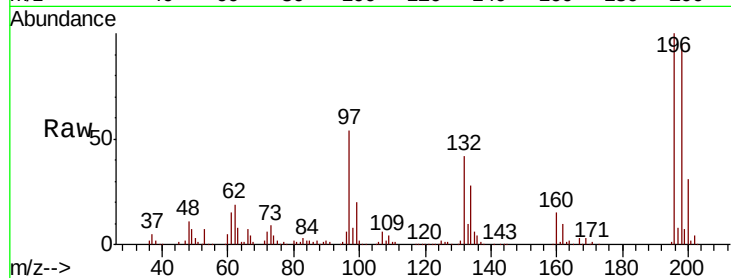
#43
 2,4,6-Trichlorophenol
 Concen: 39.606 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	293650		
198	94.9	75.9	113.9	
200	31.5	25.2	37.8	

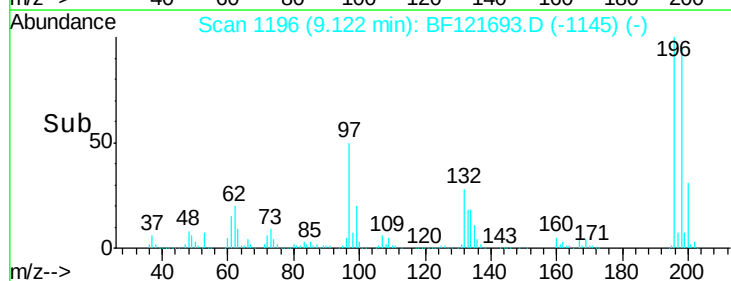
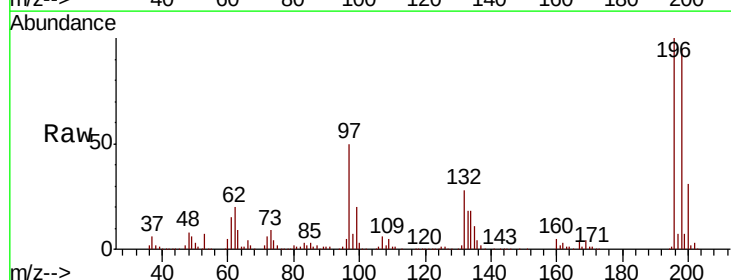
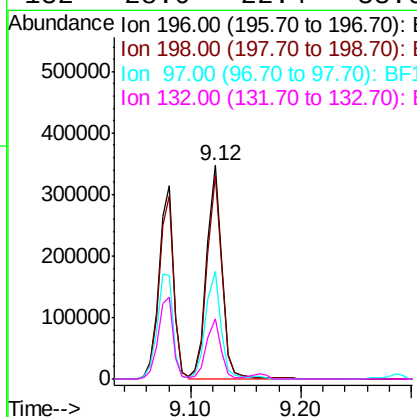
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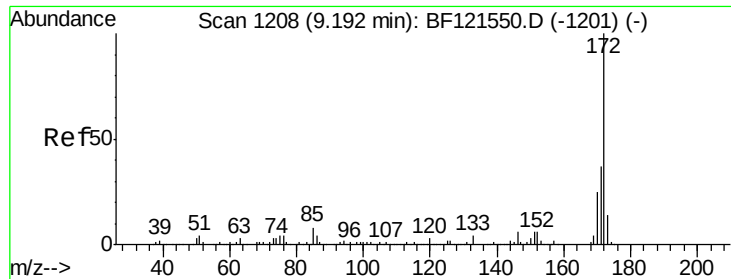
mohammad
 9/28/2020 11:10:26 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.769 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319554		
198	95.4	76.3	114.5	
97	50.2	40.2	60.2	
132	28.0	22.4	33.6	





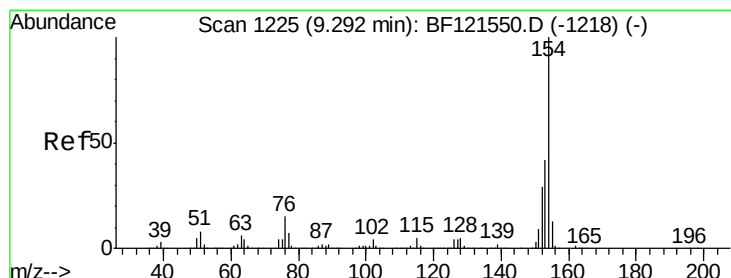
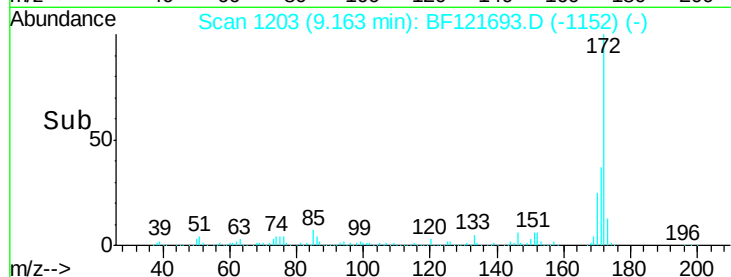
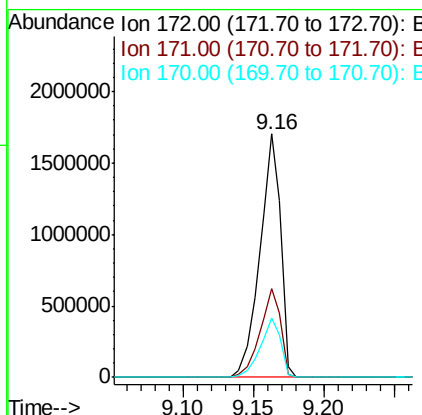
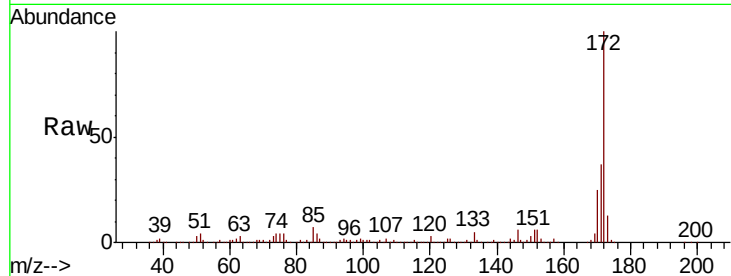
#45
2-Fluorobiphenyl
Concen: 76.790 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.5	19.6	29.4

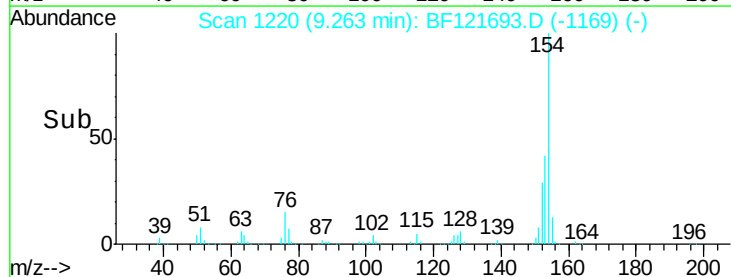
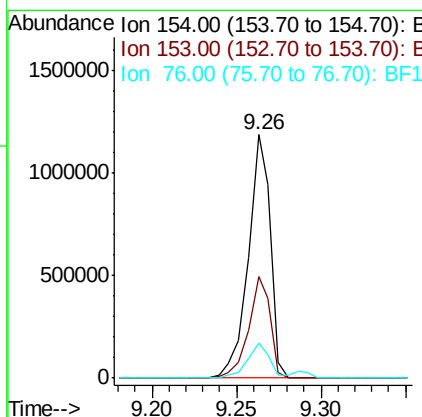
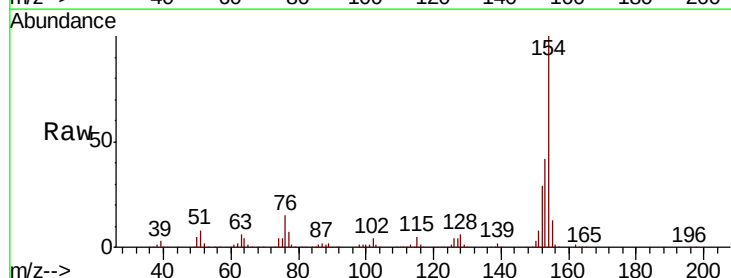
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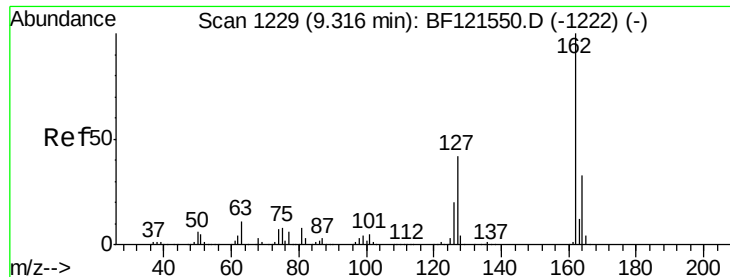
mohammad
9/28/2020 11:10:26 AM



#46
1,1'-Biphenyl
Concen: 38.849 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.6	61.6
76	14.6	0.0	34.6





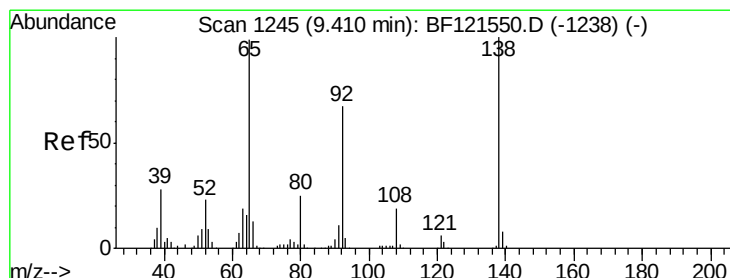
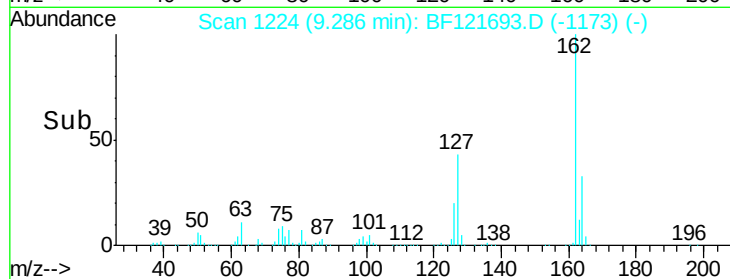
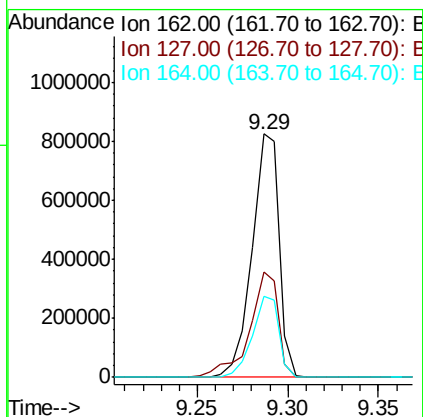
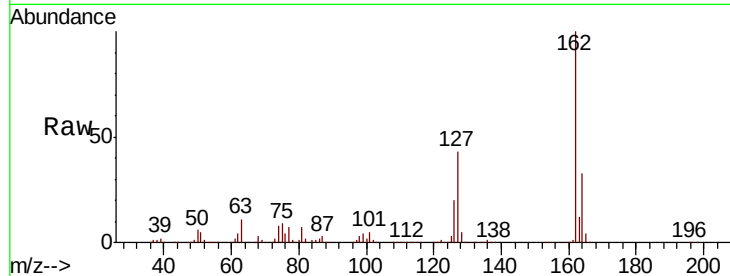
#47
 2-Chloronaphthalene
 Concen: 38.908 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		854767		
127	43.5	34.8	52.2		
164	33.4	26.7	40.1		

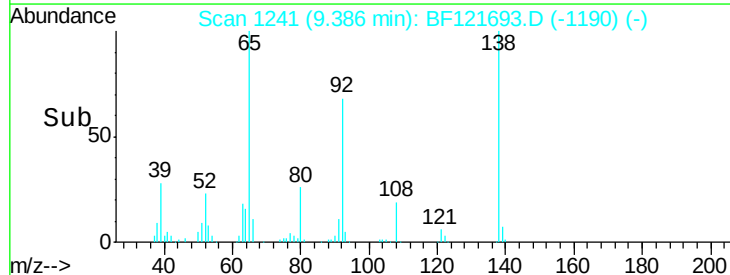
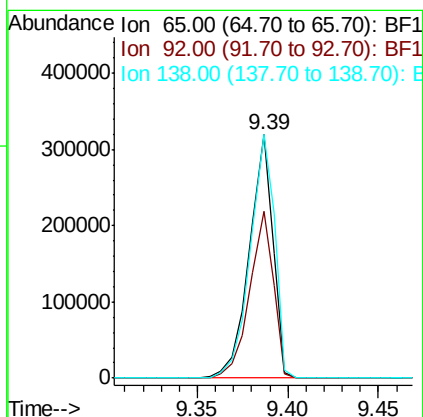
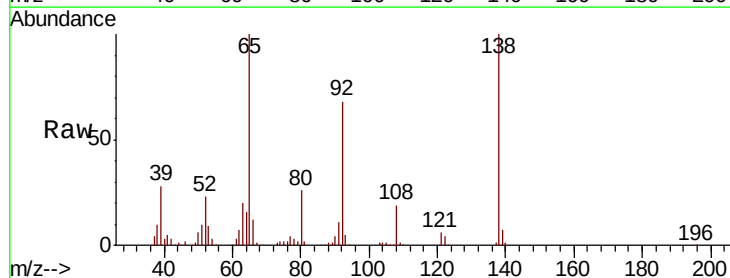
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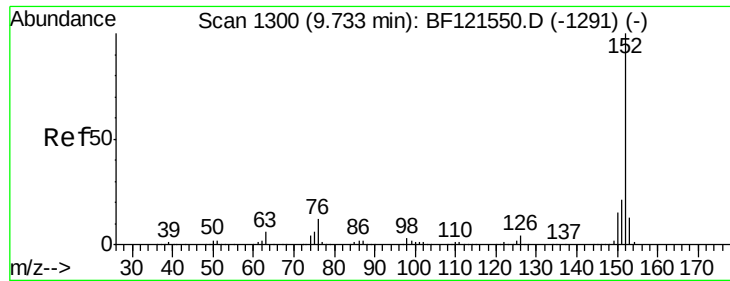
mohammad
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#48
 2-Nitroaniline
 Concen: 42.562 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		290565		
92	68.5	54.8	82.2		
138	100.1	80.1	120.1		





#49

Acenaphthylene

Concen: 39.117 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1320373

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

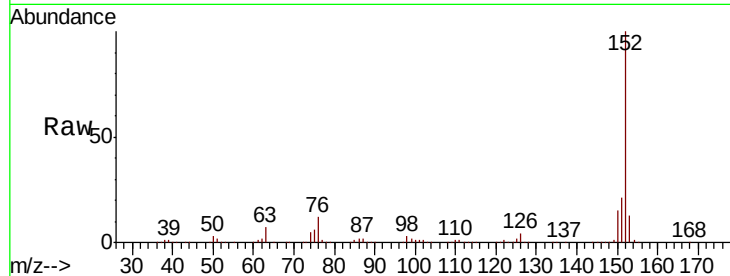
153 13.3 10.6 16.0

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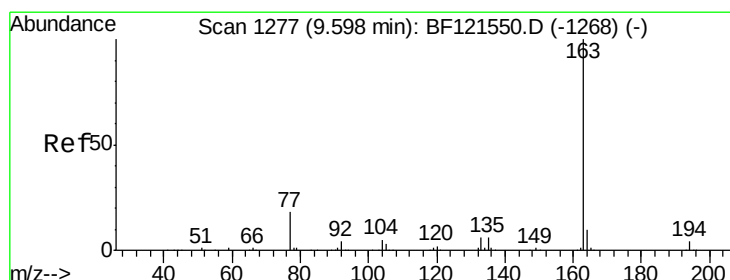
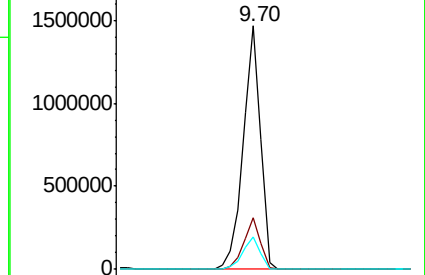
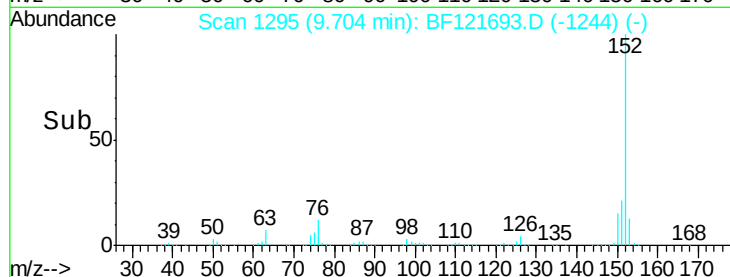
9/28/2020 11:10:26 AM



Abundance Ion 152.00 (151.70 to 152.70): E

2000000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.096 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

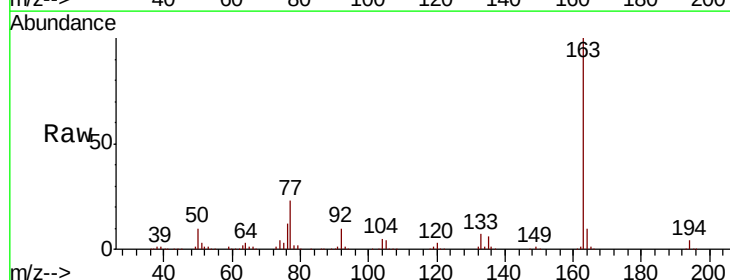
Tgt Ion:163 Resp: 1062476

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

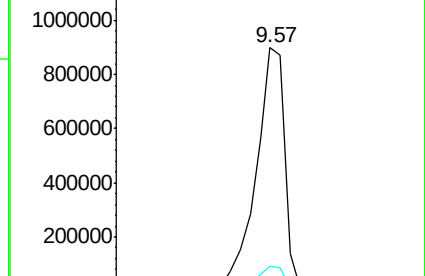
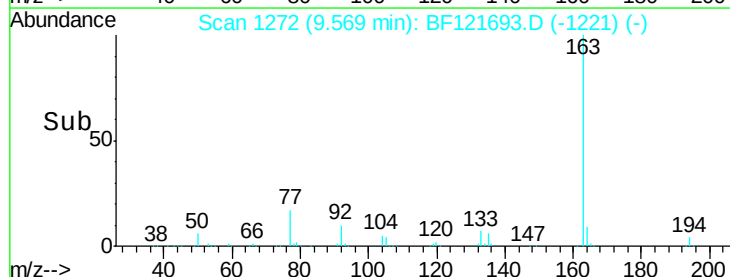
164 10.4 8.3 12.5

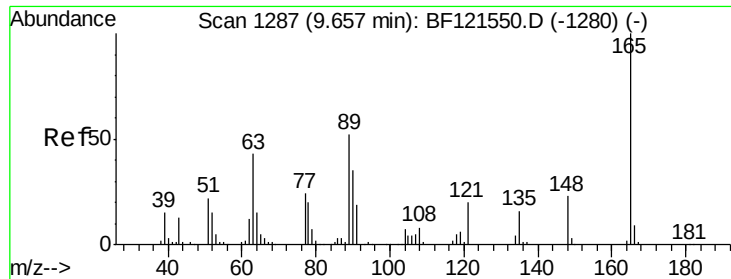


Abundance Ion 163.00 (162.70 to 163.70): E

1200000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.088 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

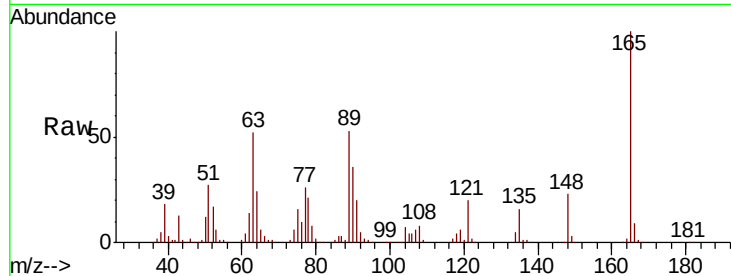
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	231604
Ion Ratio	Lower	Upper	
165	100		
63	52.2	41.8	62.6
89	52.8	42.2	63.4

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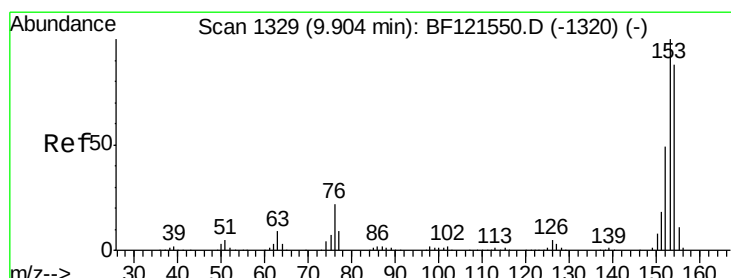
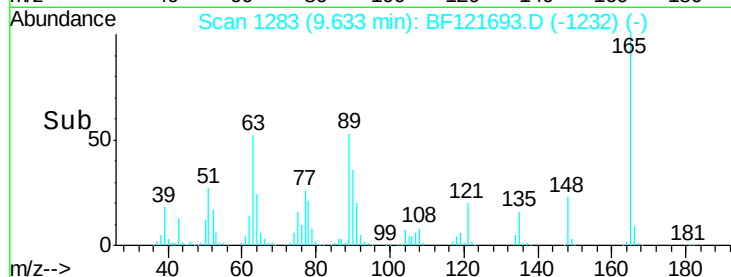
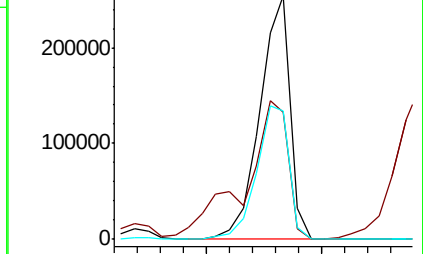
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.716 ng

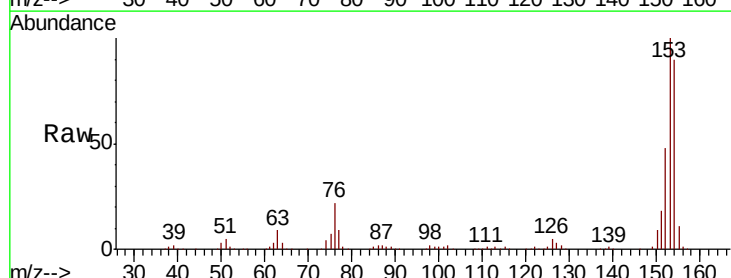
RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

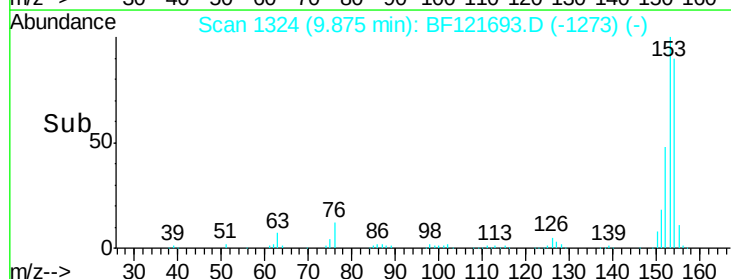
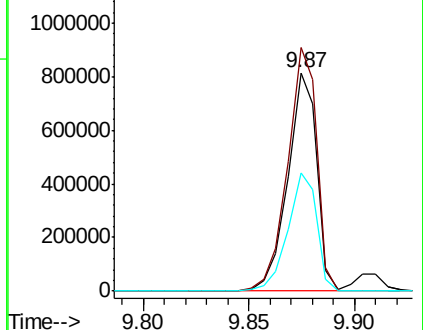
Tgt Ion:	154	Resp:	782782
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.1	133.7
152	53.8	43.0	64.6

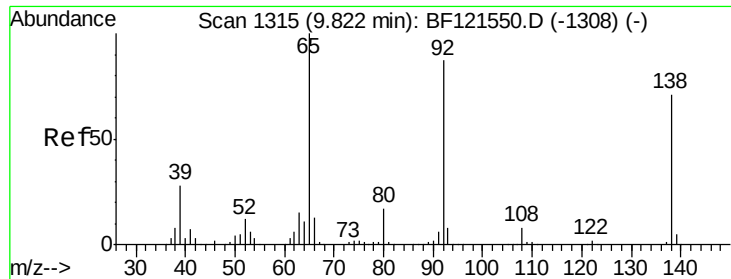


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





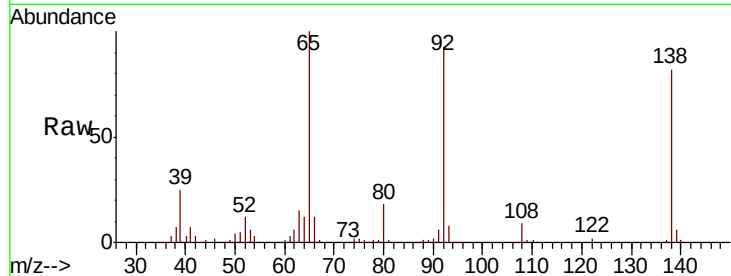
#53
3-Nitroaniline
Concen: 41.611 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	113.5	90.8	136.2

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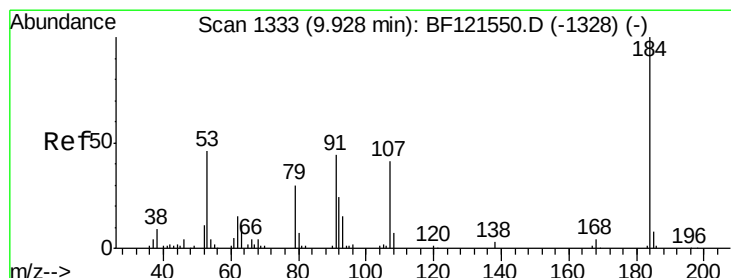
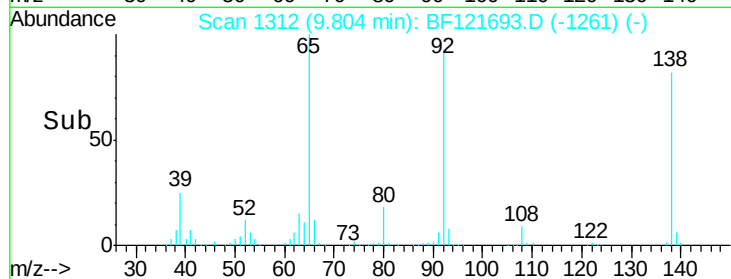
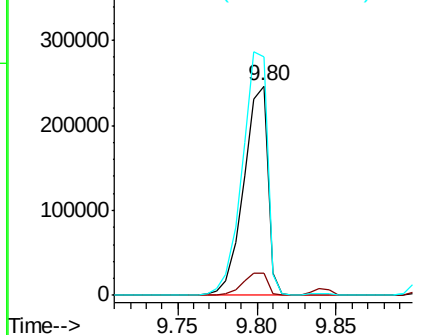


Abundance

Ion 138.00 (137.70 to 138.70): E

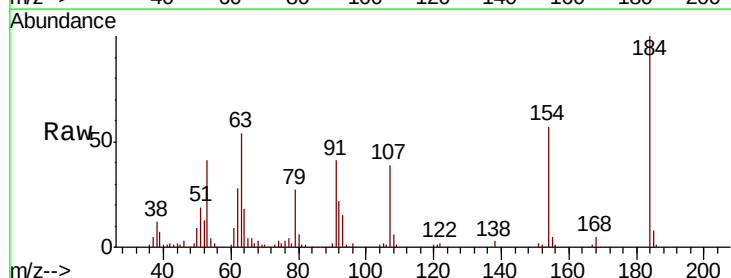
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 39.628 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.7	43.0	64.4
154	57.2	45.8	68.6

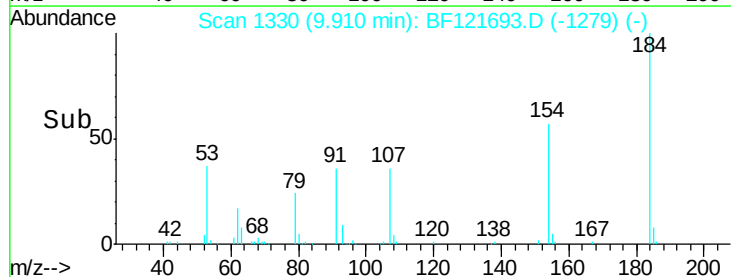
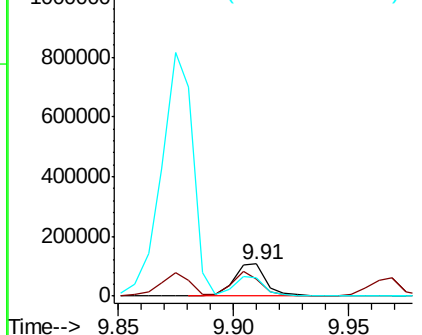


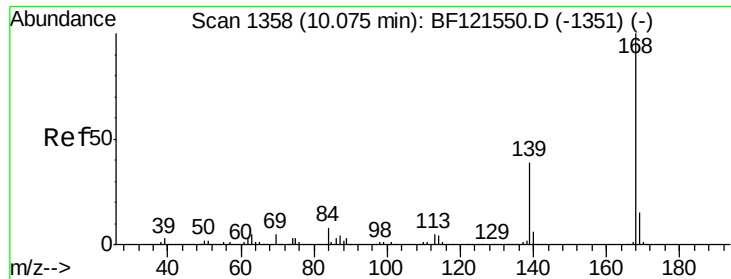
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





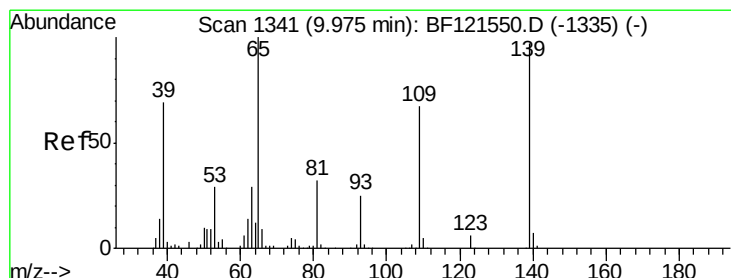
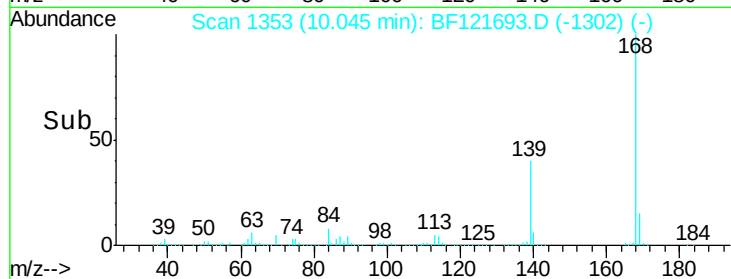
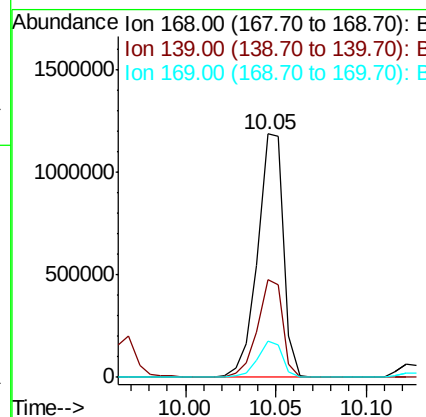
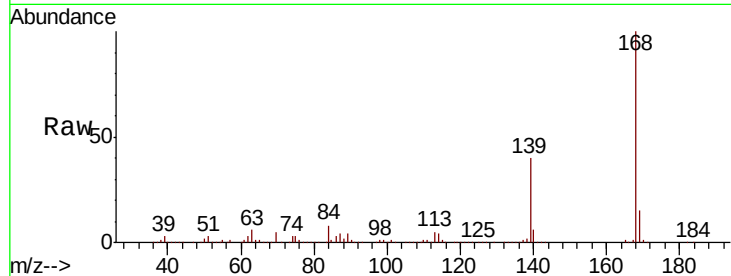
#55
Dibenzofuran
Concen: 39.182 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.2	48.2
169	14.8	11.8	17.8

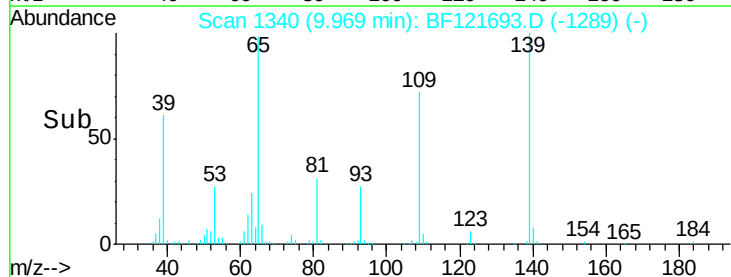
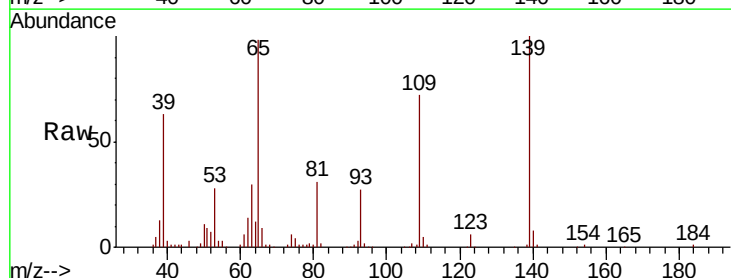
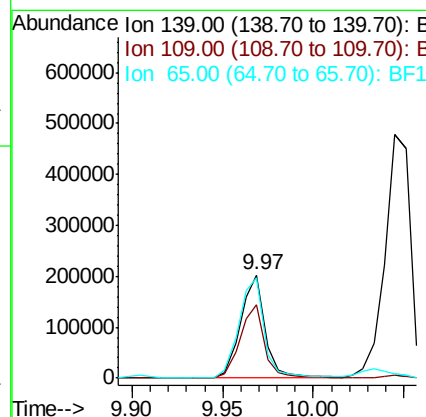
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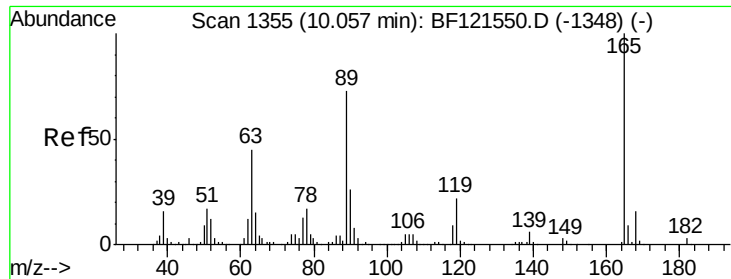
mohammad
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#56
4-Nitrophenol
Concen: 38.348 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	51.8	91.8
65	98.1	78.1	118.1





#57

2,4-Dinitrotoluene

Concen: 45.484 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

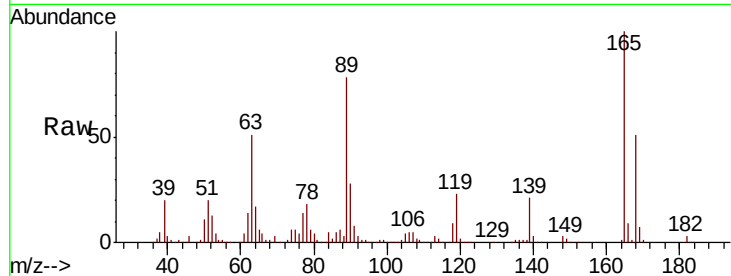
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.2	41.0	61.4	
89	77.5	62.0	93.0	
182	2.9	2.3	3.5	

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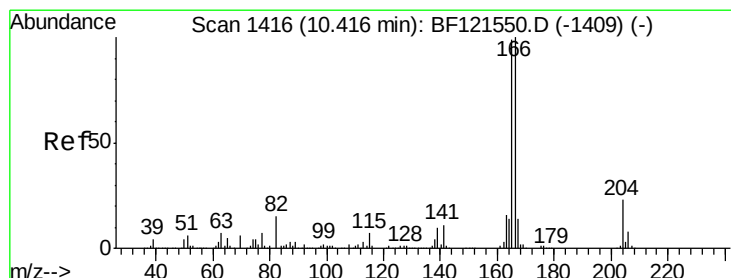
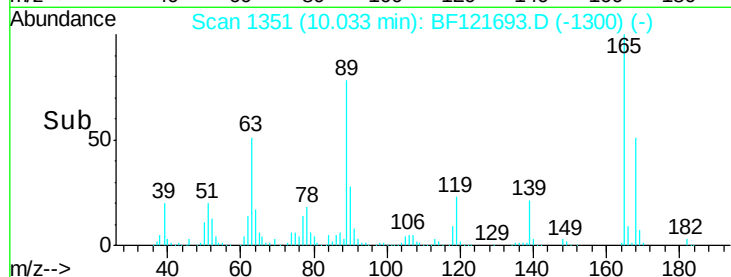
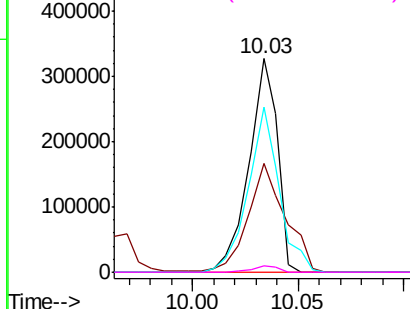


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.500 ng

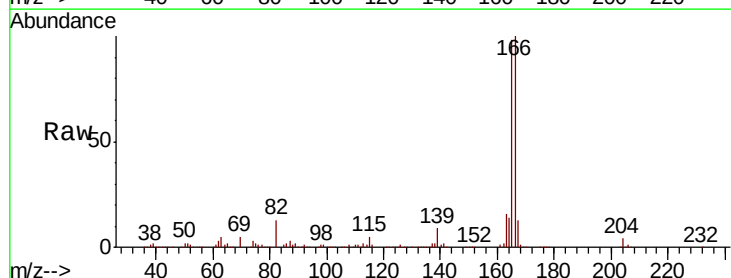
RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

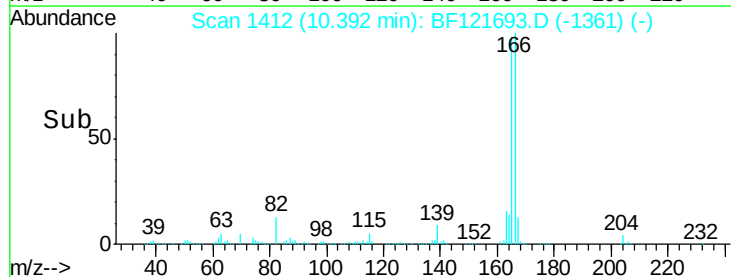
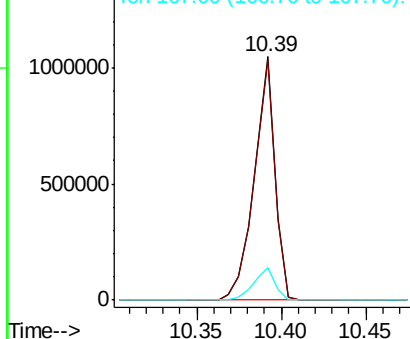
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	78.7	118.1	
167	13.3	10.6	16.0	

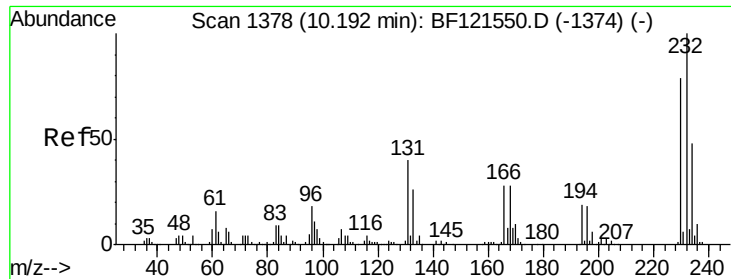


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





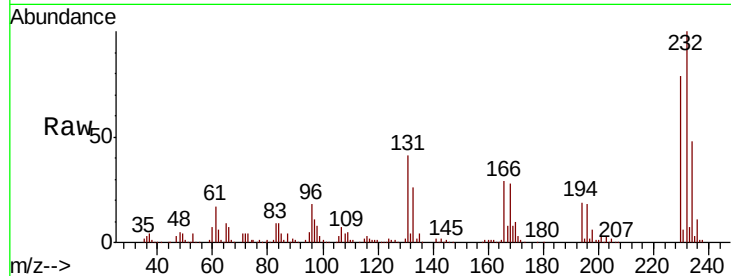
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.924 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

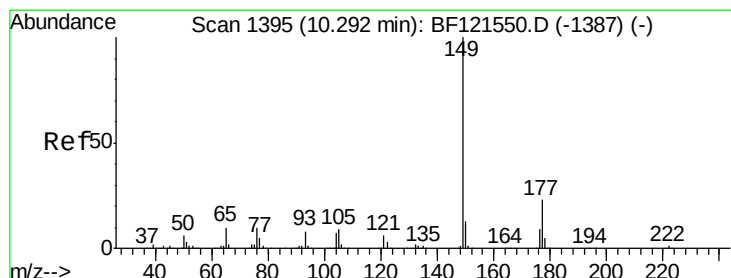
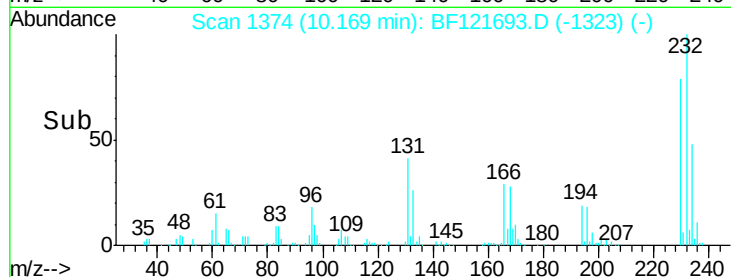
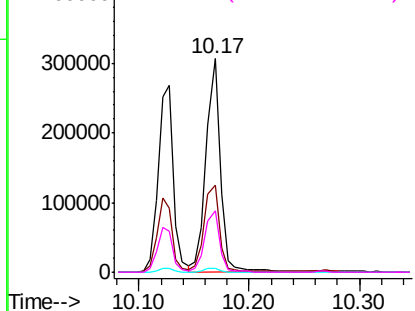
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	34.8	52.2
130	2.2	1.8	2.6
166	29.6	23.7	35.5

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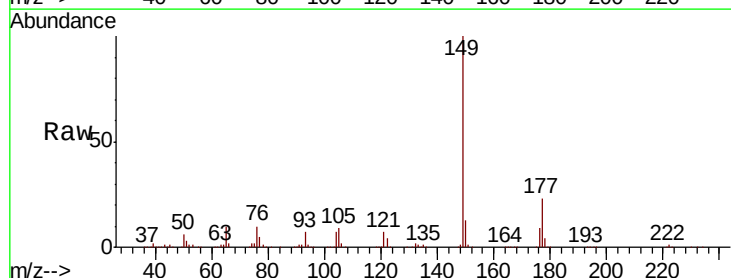


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

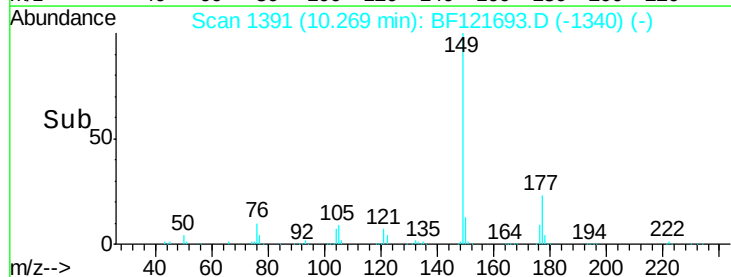
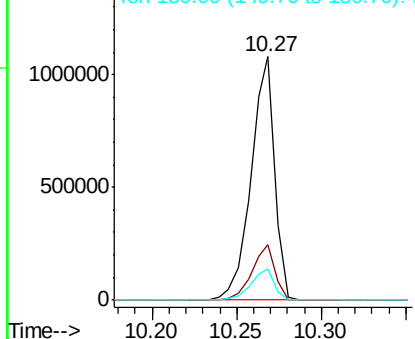


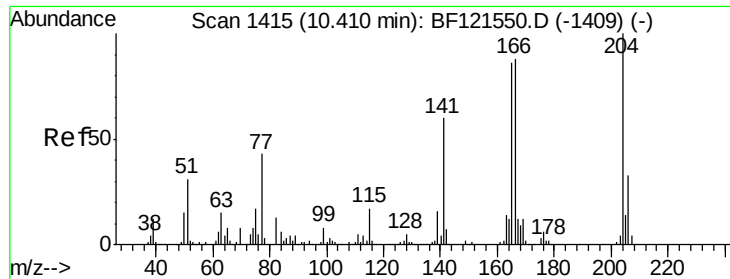
#60
Diethylphthalate
Concen: 42.594 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.8	10.2	15.4



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





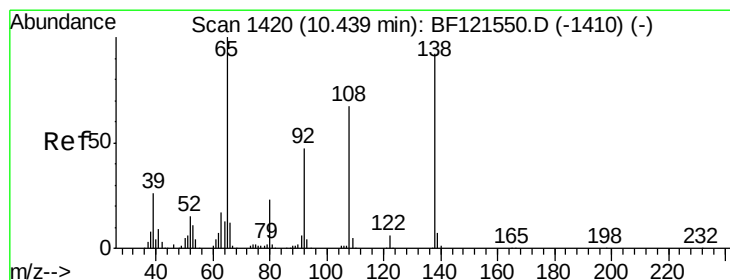
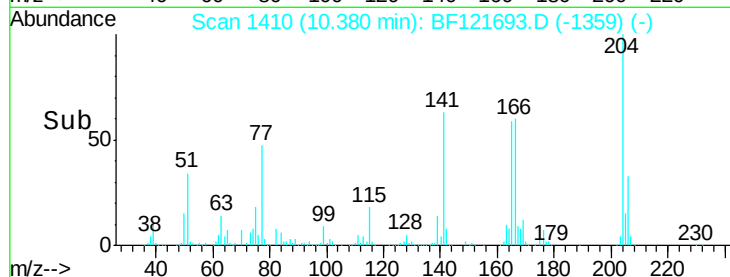
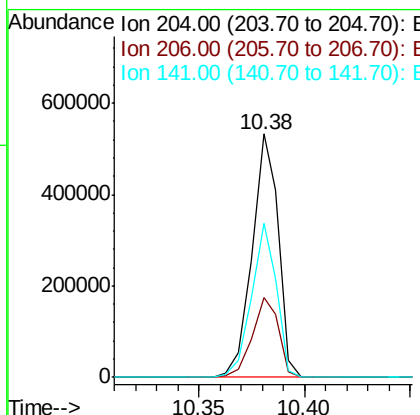
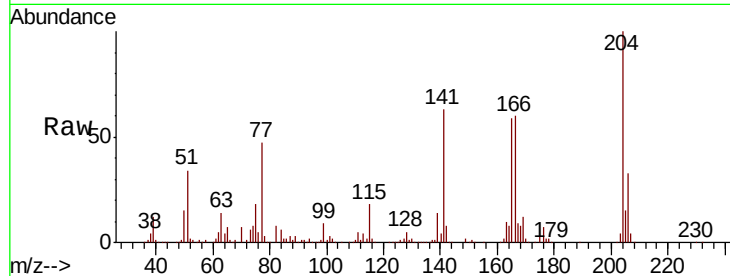
#61
4-Chlorophenyl-phenylether
Concen: 41.715 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.1	39.1
141	63.2	50.6	75.8

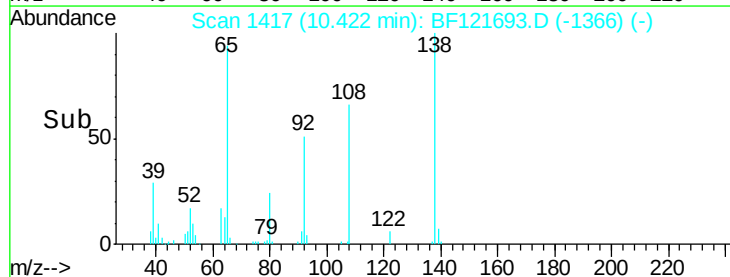
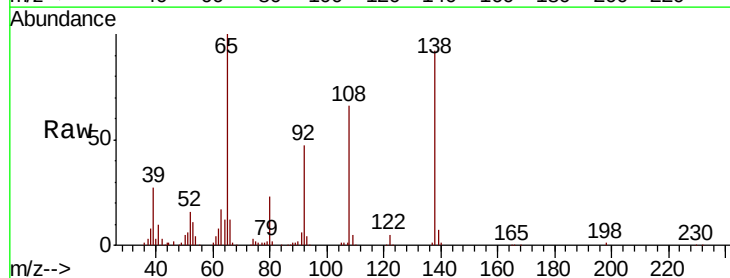
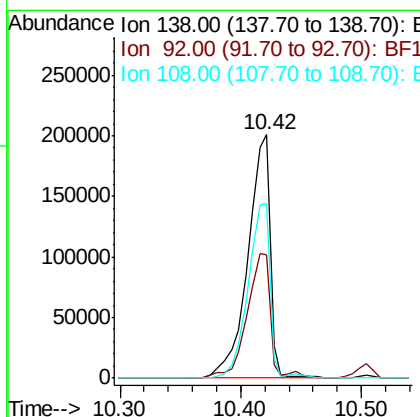
Manual Integrations
APPROVED

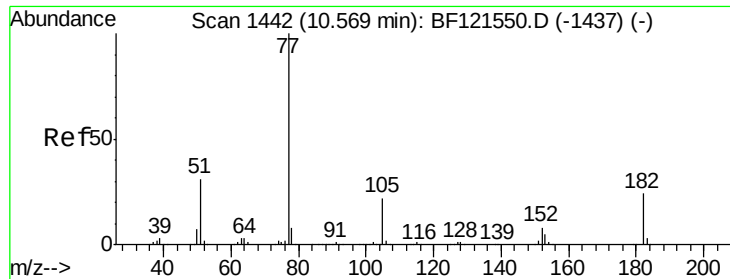
mohammad
9/28/2020 11:10:26 AM



#62
4-Nitroaniline
Concen: 42.337 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.7	70.7
108	71.5	51.5	91.5





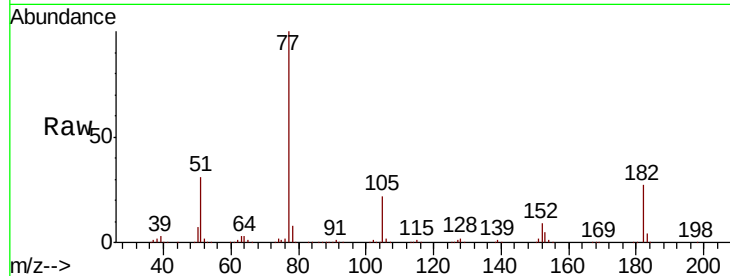
#63
Azobenzene
Concen: 40.444 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	6.6	46.6	
105	22.1	2.1	42.1	
51	30.7	10.7	50.7	

Manual Integrations
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mohammad
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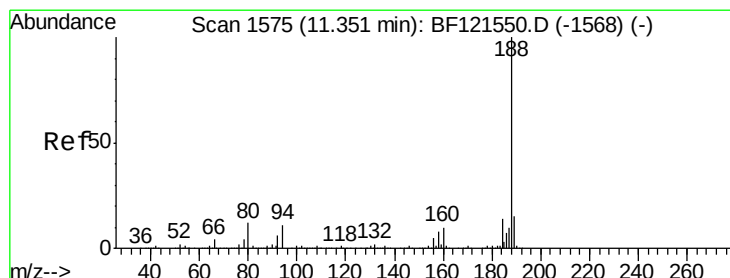
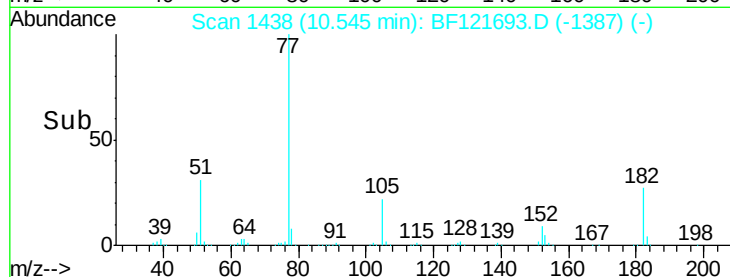
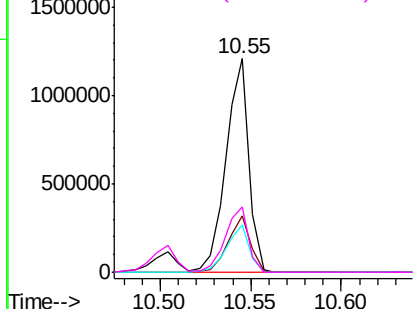


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



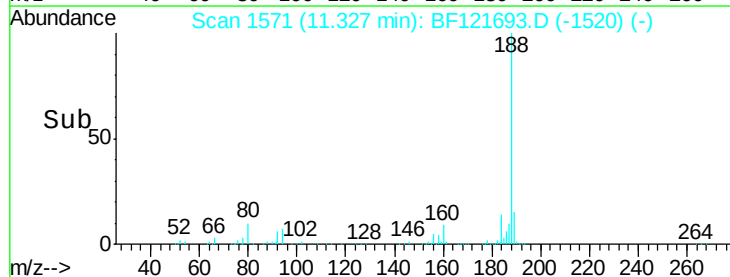
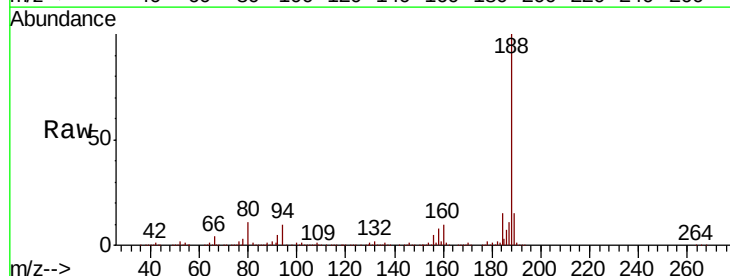
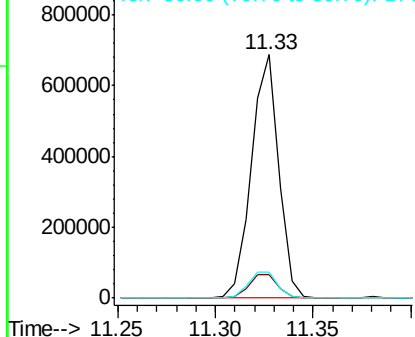
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

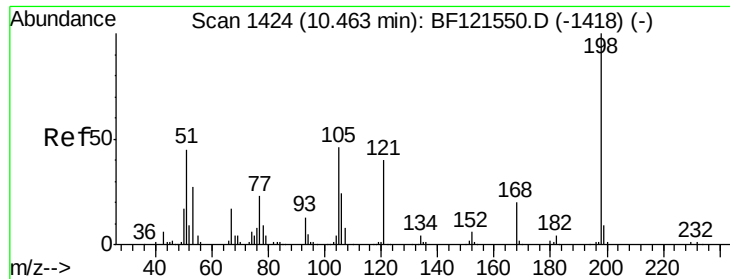
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	7.9	11.9	
80	10.8	8.6	13.0	

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





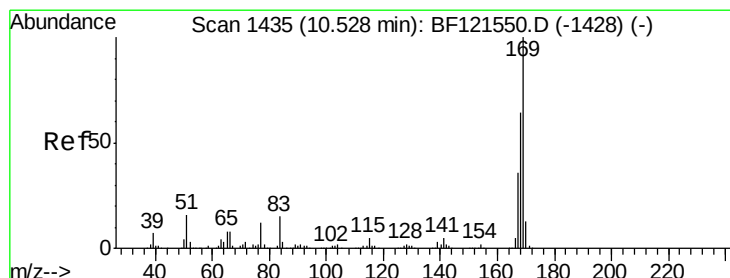
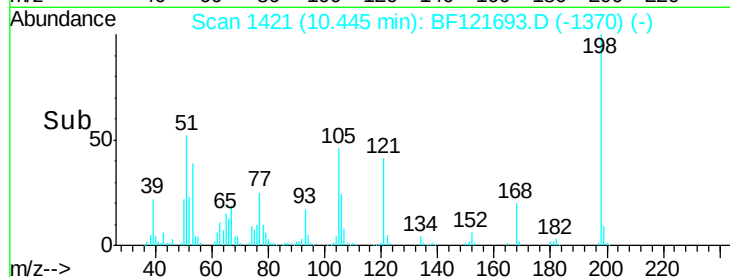
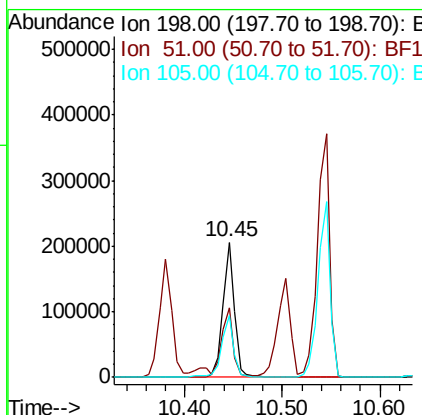
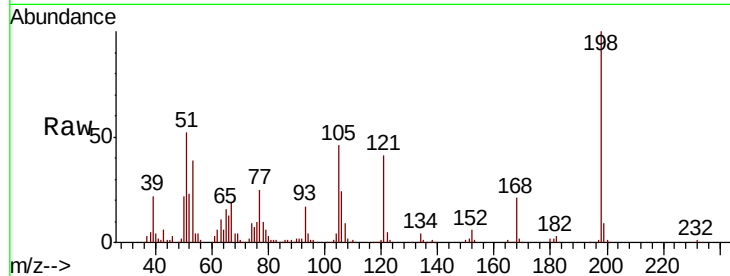
#65
4,6-Dinitro-2-methylphenol
Concen: 42.813 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.9	31.9	71.9
105	45.8	25.8	65.8

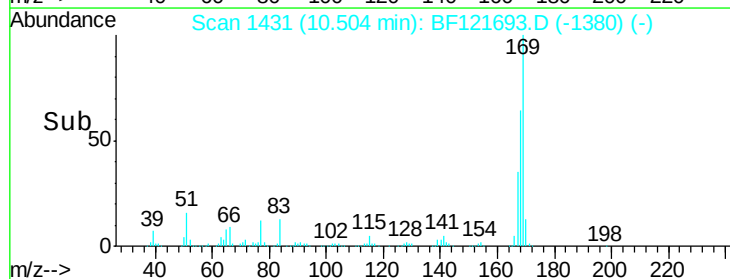
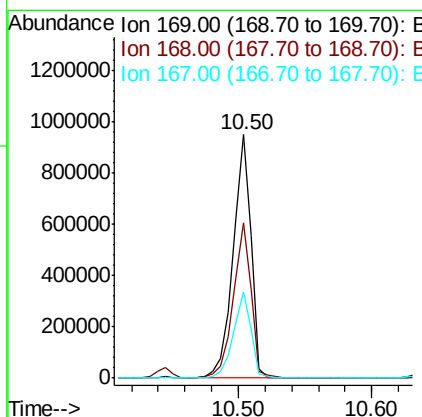
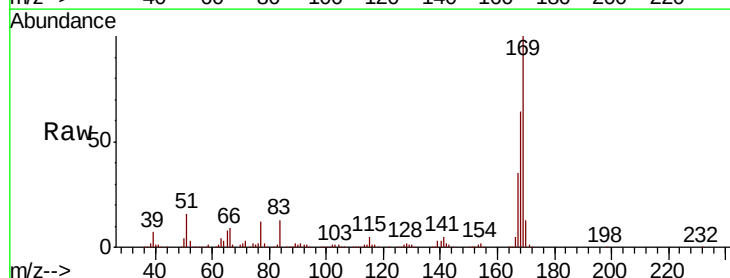
Manual Integrations
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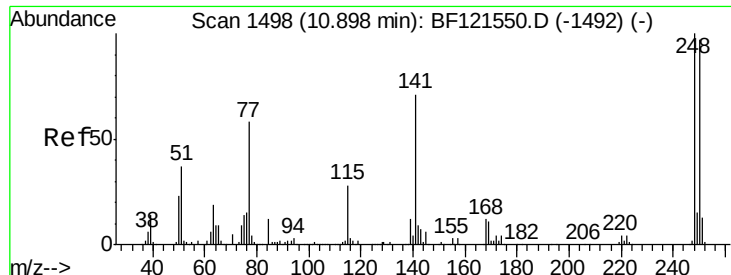
mohammad
9/28/2020 11:10:26 AM



#66
n-Nitrosodiphenylamine
Concen: 39.243 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	51.2	76.8
167	35.4	28.3	42.5





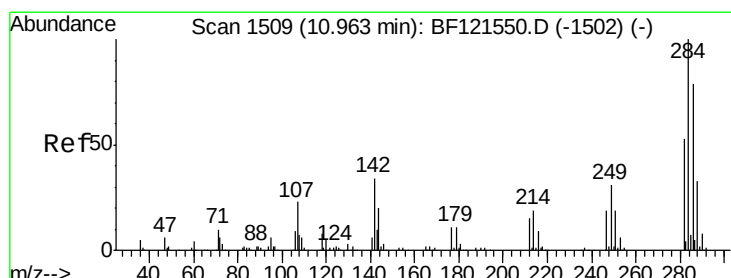
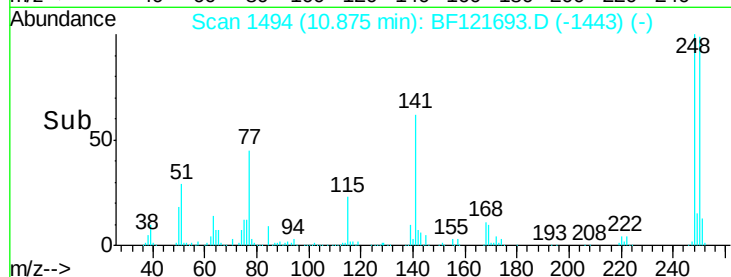
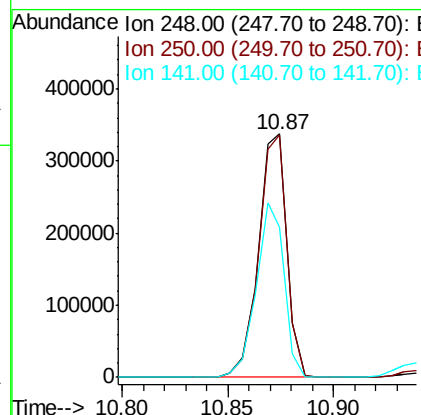
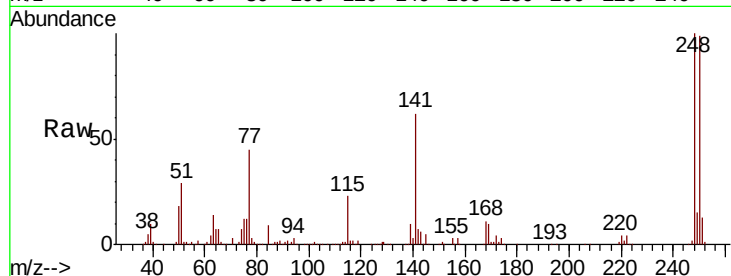
#67
 4-Bromophenyl-phenylether
 Concen: 41.760 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	248	Resp:	315861
Ion Ratio	Lower	Upper	
248	100		
250	99.4	79.5	119.3
141	61.8	49.4	74.2

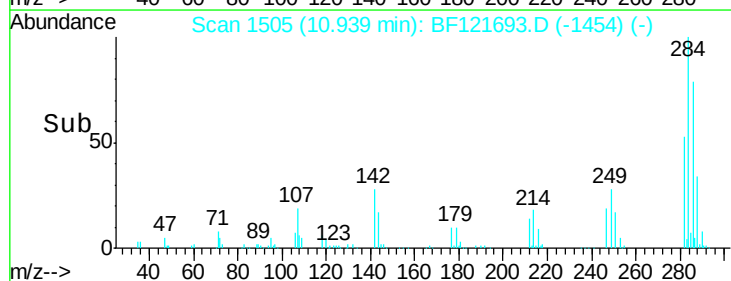
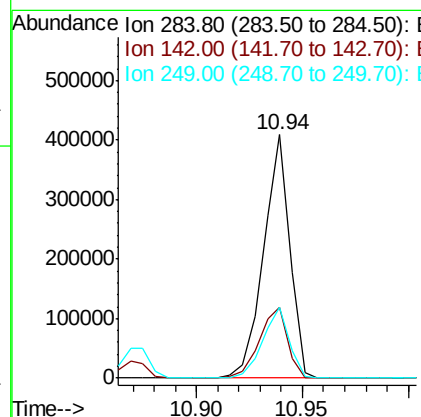
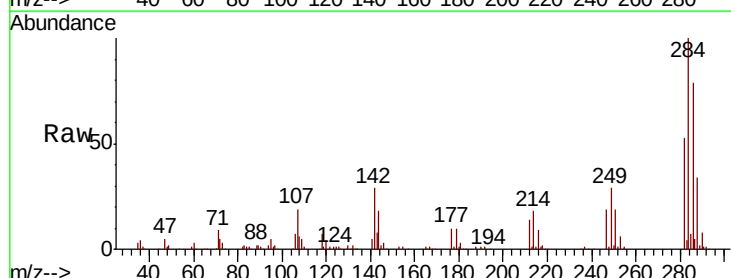
Manual Integrations
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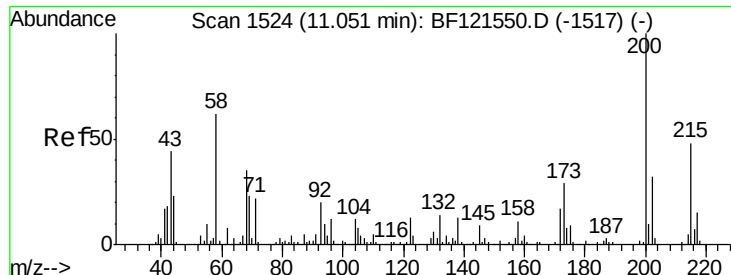
mohammad
 9/28/2020 11:10:26 AM



#68
 Hexachlorobenzene
 Concen: 41.469 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion:	284	Resp:	353976
Ion Ratio	Lower	Upper	
284	100		
142	29.3	23.4	35.2
249	29.3	23.4	35.2





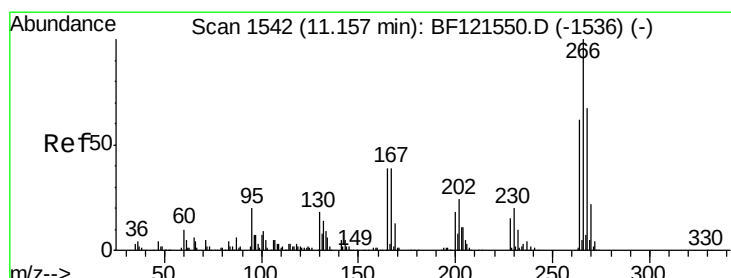
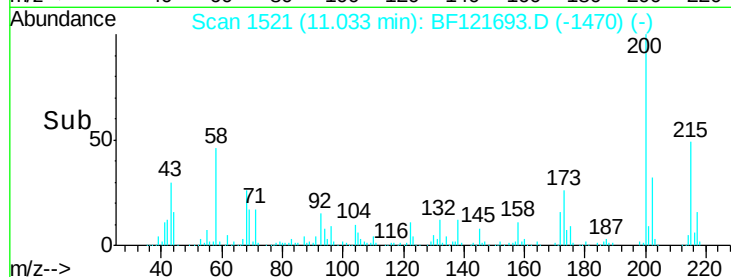
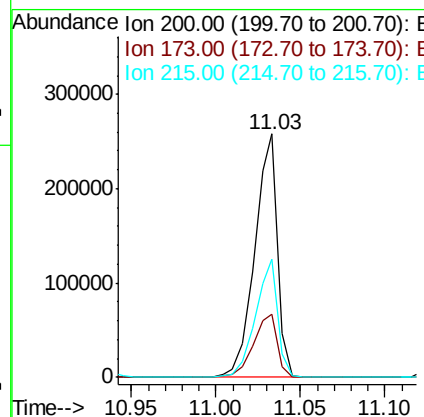
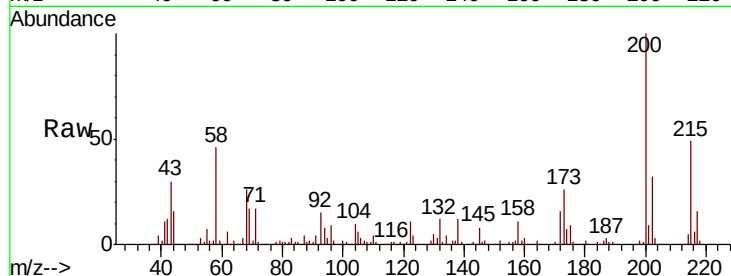
#69
Atrazine
Concen: 42.863 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	5.9	45.9
215	48.6	28.6	68.6

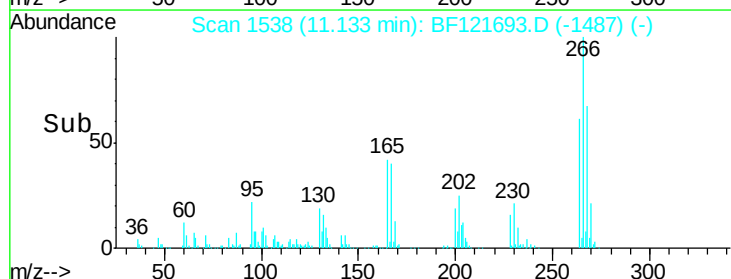
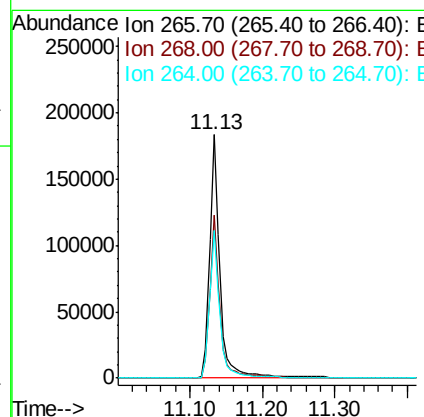
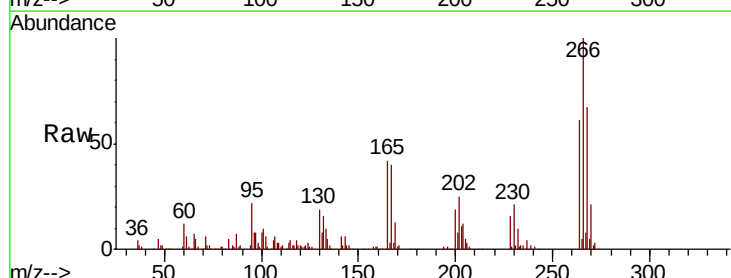
Manual Integrations
APPROVED

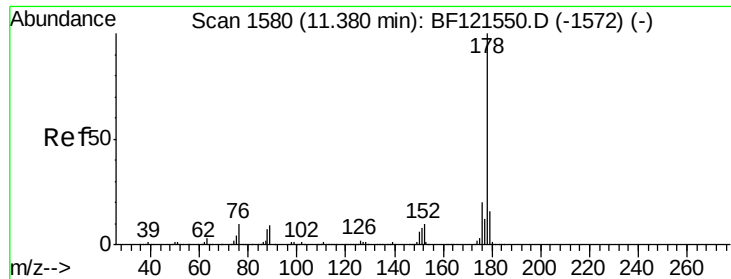
mohammad
9/28/2020 11:10:26 AM



#70
Pentachlorophenol
Concen: 39.587 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.8	53.4	80.2
264	60.9	48.7	73.1





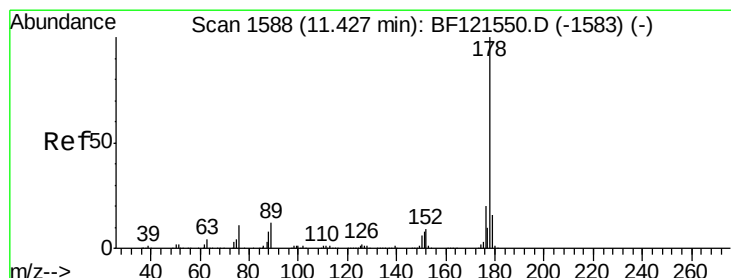
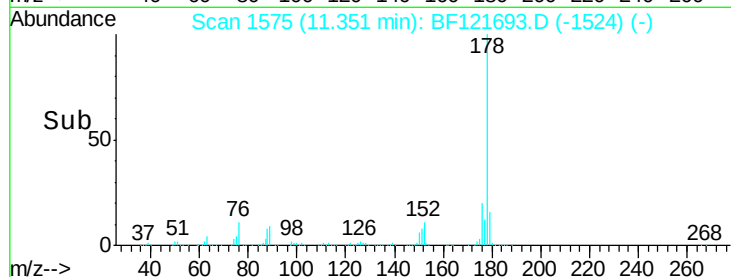
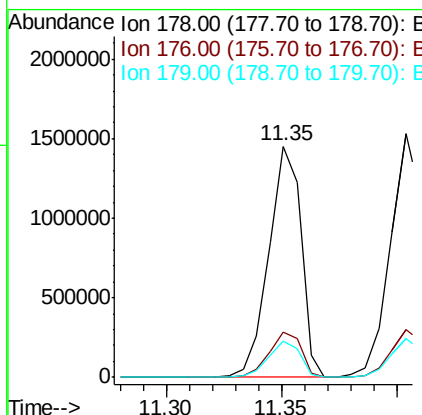
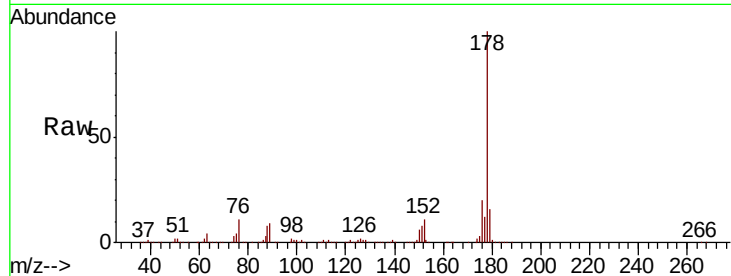
#71
Phenanthrene
Concen: 38.944 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1409589
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.8 12.6 19.0

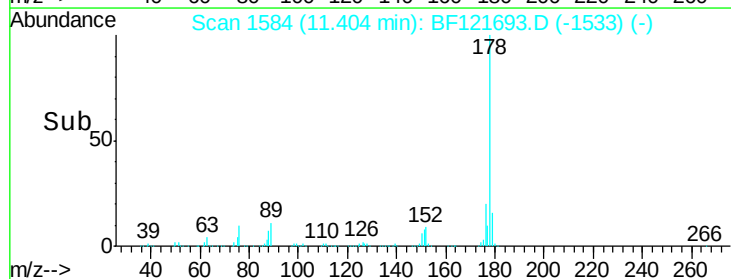
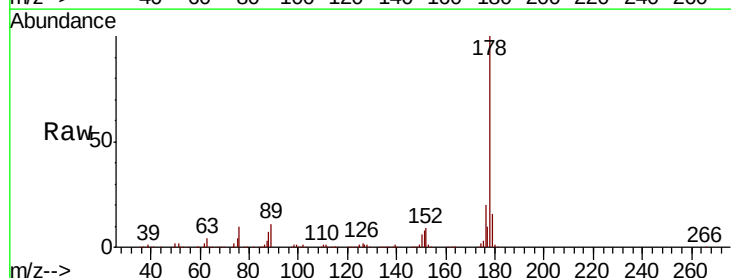
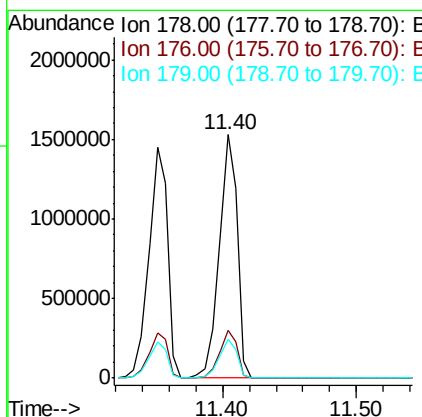
Manual Integrations
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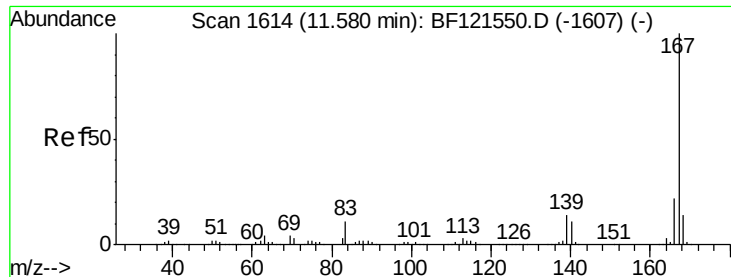
mohammad
9/28/2020 11:10:26 AM



#72
Anthracene
Concen: 39.167 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion:178 Resp: 1462989
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.1 12.9 19.3





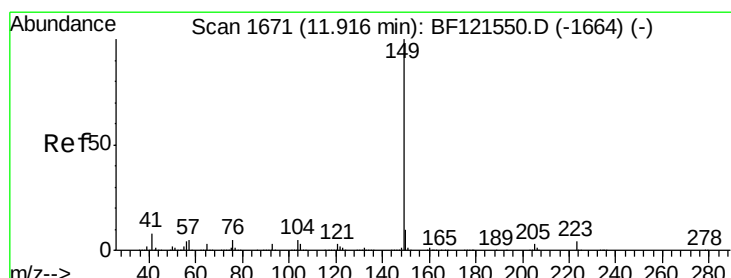
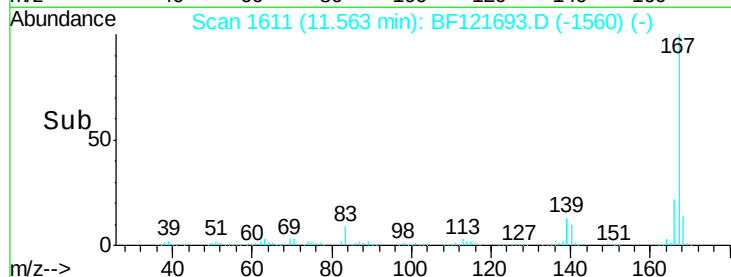
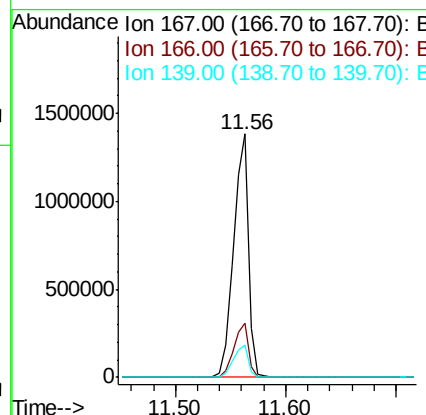
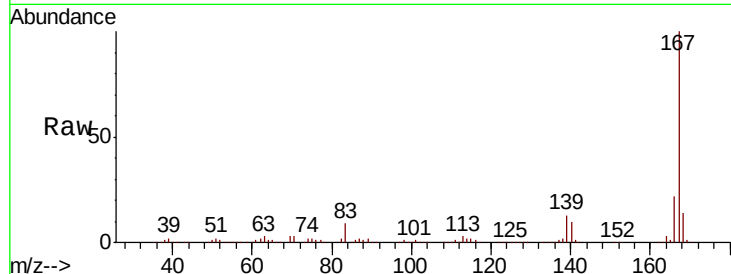
#73
 Carbazole
 Concen: 38.734 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.2	10.6	15.8

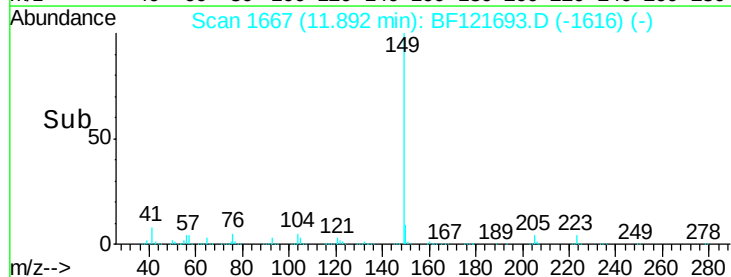
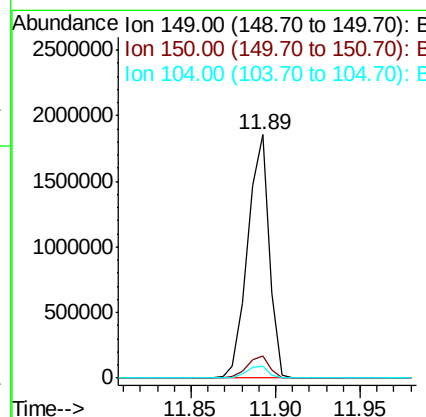
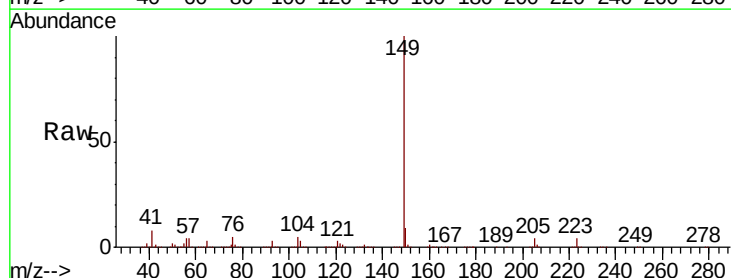
Manual Integrations
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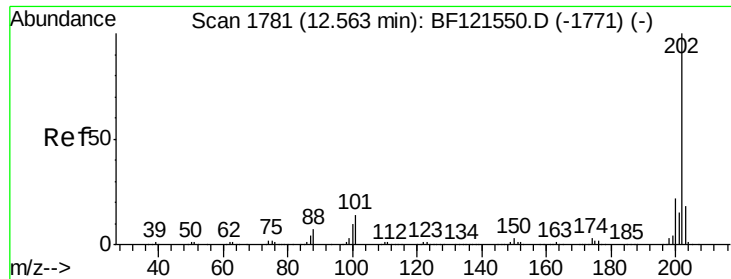
mohammad
 9/28/2020 11:10:26 AM



#74
 Di-n-butylphthalate
 Concen: 42.429 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.2	4.2	6.2





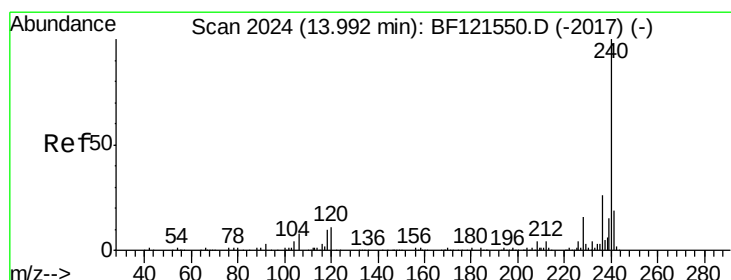
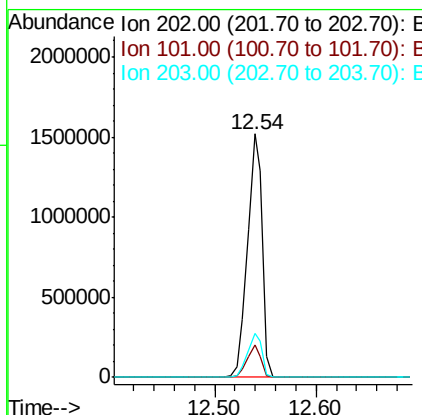
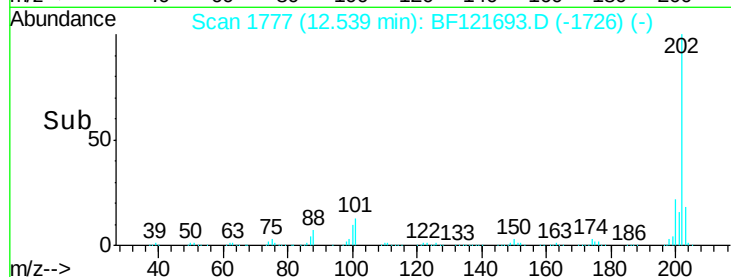
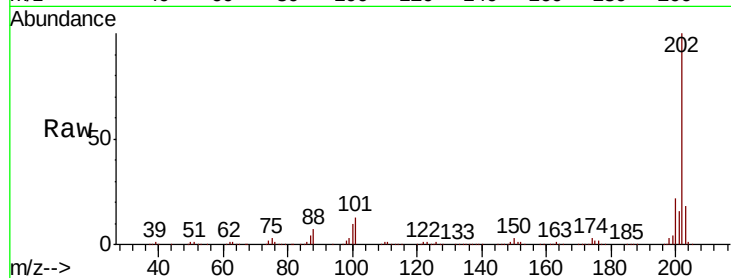
#75
Fluoranthene
Concen: 39.526 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	18.2	0.0	38.2

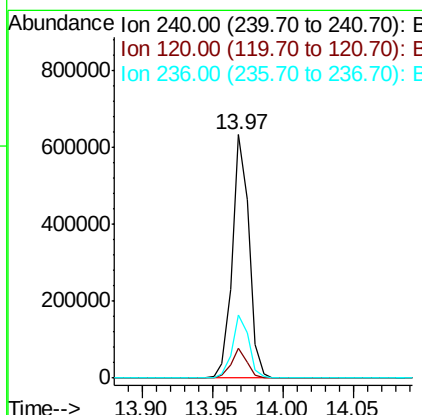
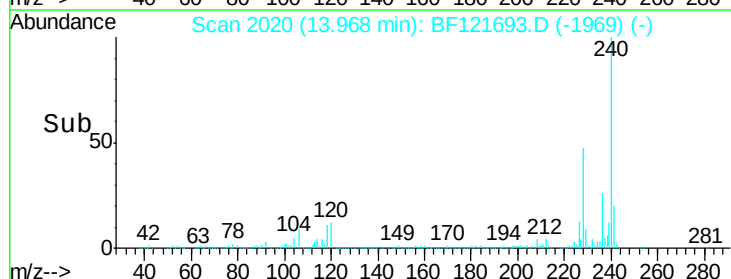
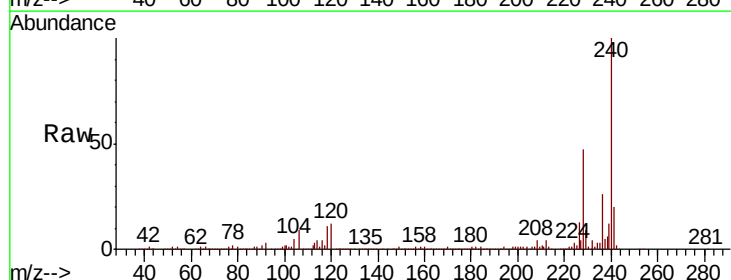
Manual Integrations
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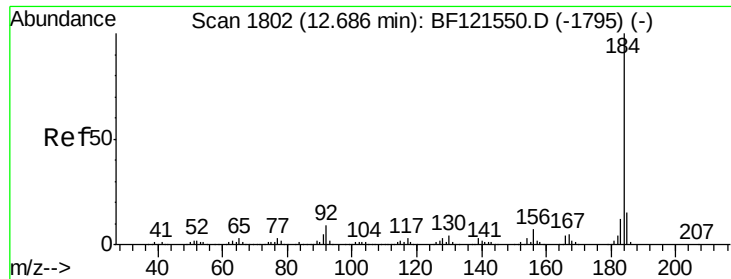
mohammad
9/28/2020 11:10:26 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.9	14.9
236	25.8	20.6	31.0





#77

Benzidine

Concen: 40.111 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

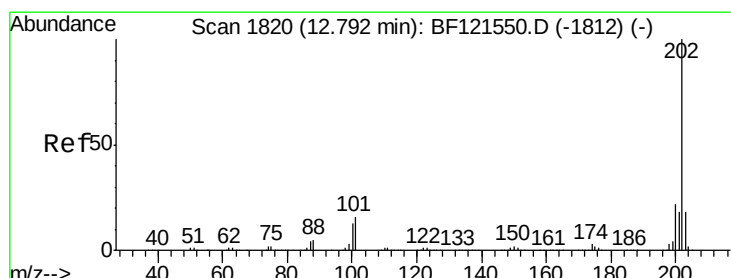
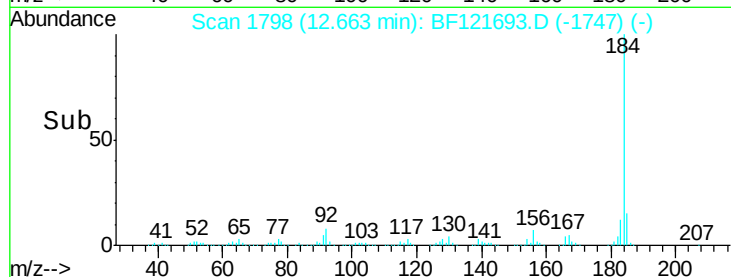
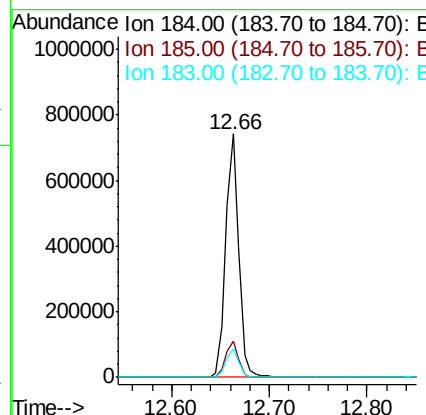
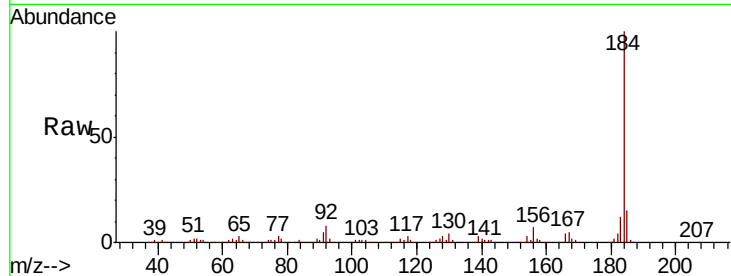
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	693060
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	11.9	9.5	14.3

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#78

Pyrene

Concen: 40.166 ng

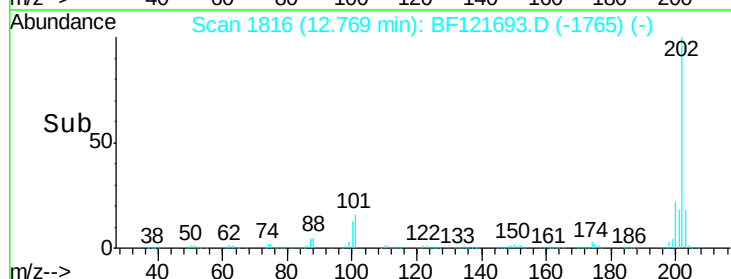
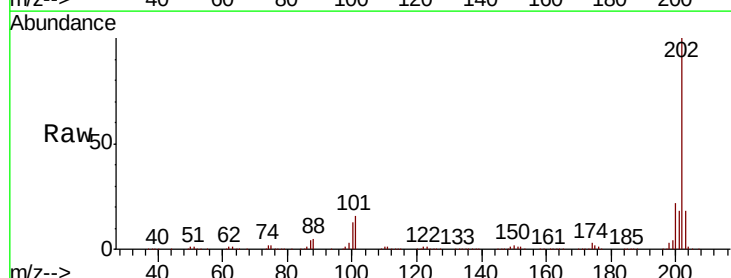
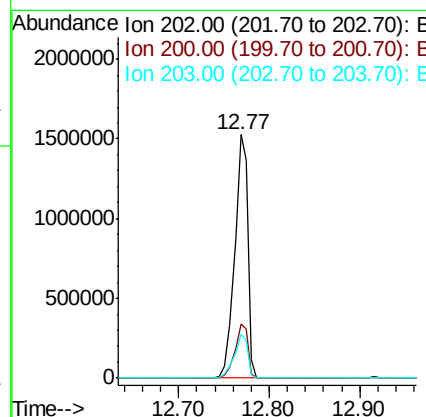
RT: 12.77 min Scan# 1816

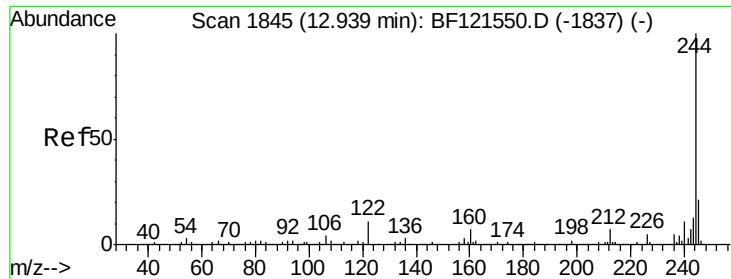
Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Tgt Ion:	202	Resp:	1529528
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.6
203	18.2	14.6	21.8





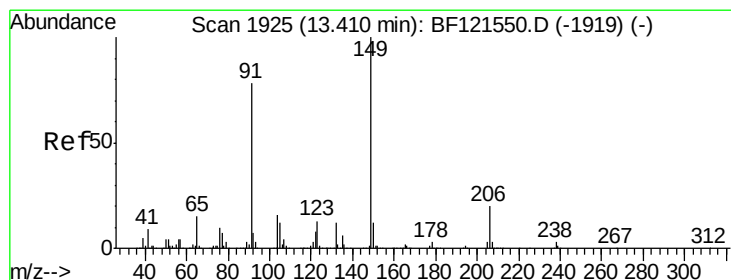
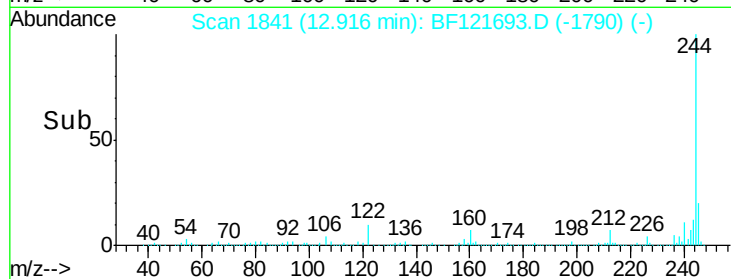
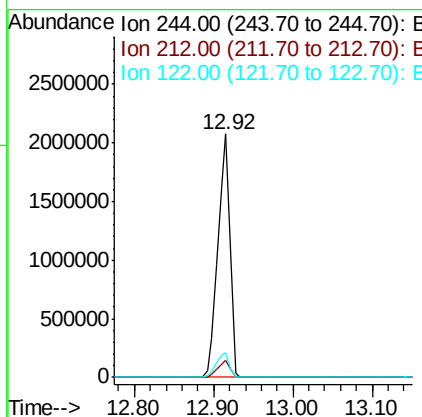
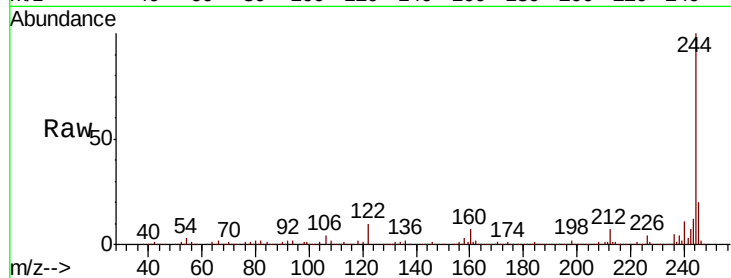
#79
 Terphenyl-d14
 Concen: 84.836 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.3	8.2	12.4

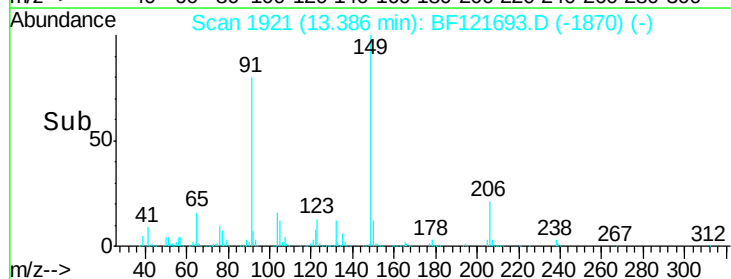
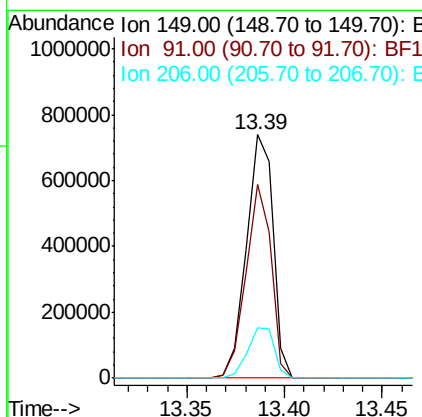
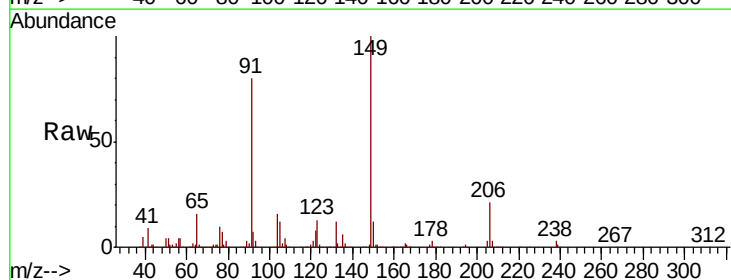
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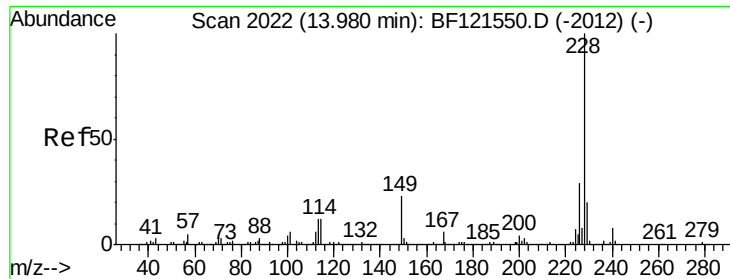
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.477 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.6	63.7	95.5
206	20.7	16.6	24.8





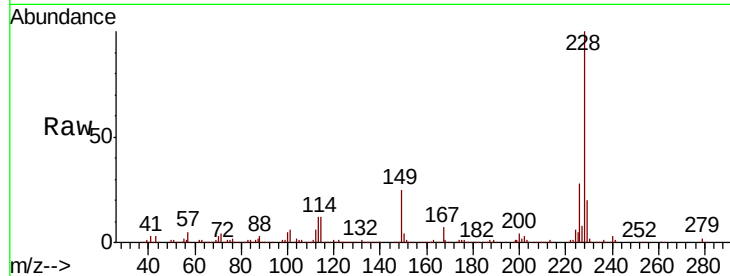
#81
Benzo(a)anthracene
Concen: 39.088 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

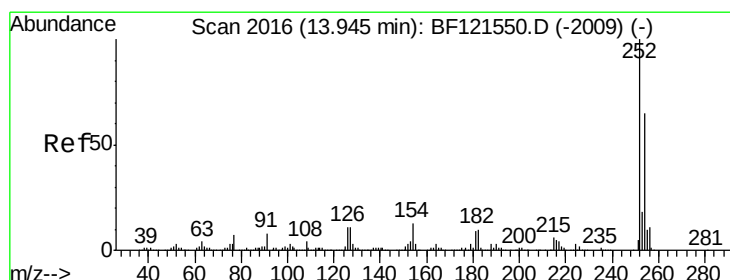
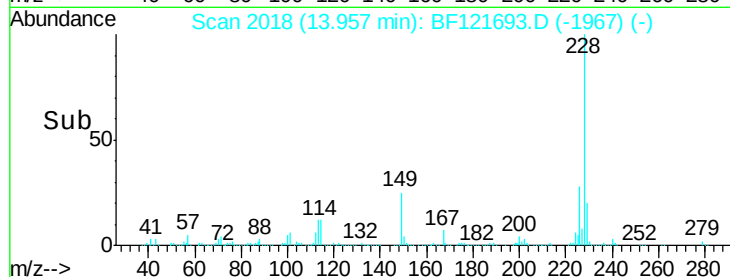
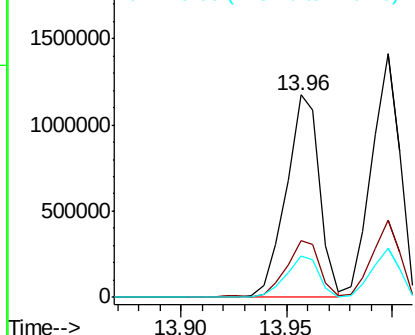
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.4	16.3	24.5

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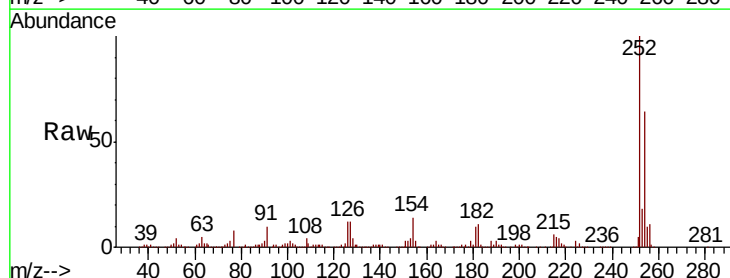


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

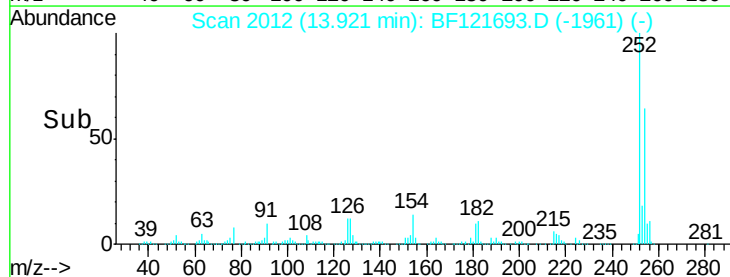
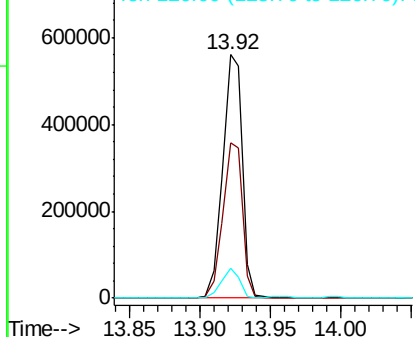


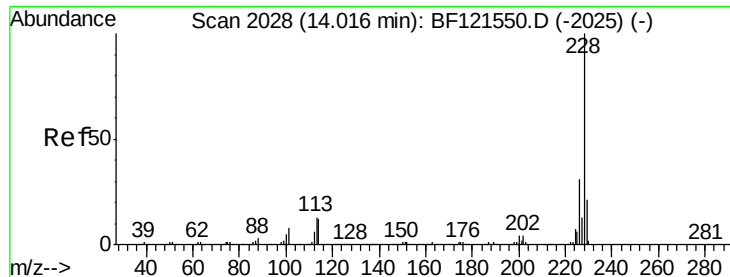
#82
3,3'-Dichlorobenzidine
Concen: 41.939 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.4
126	12.2	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





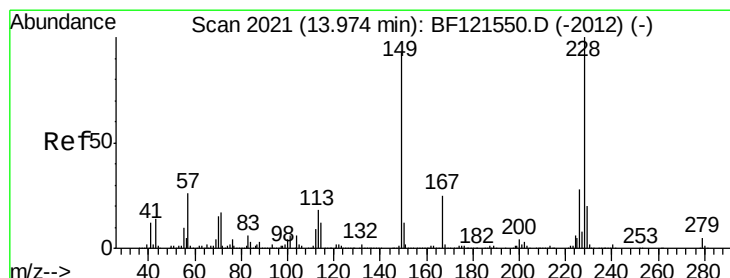
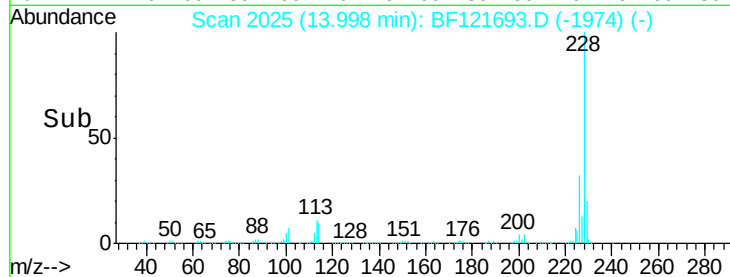
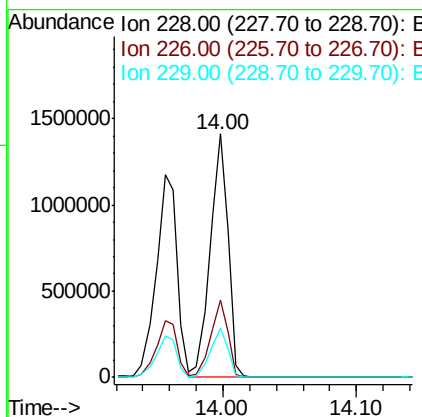
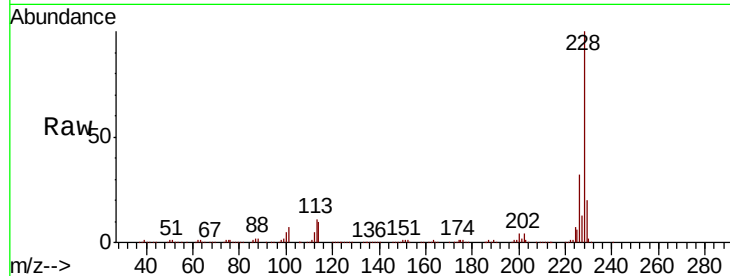
#83
 Chrysene
 Concen: 39.514 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.7	25.4	38.0	
229	20.2	16.2	24.2	

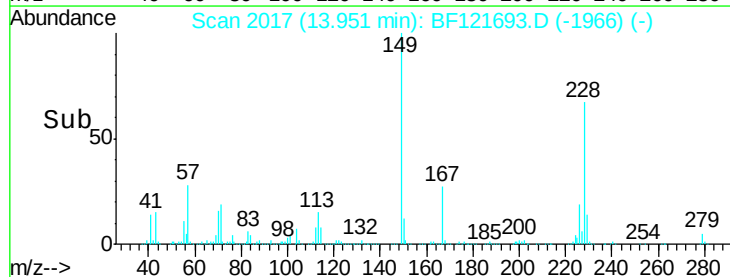
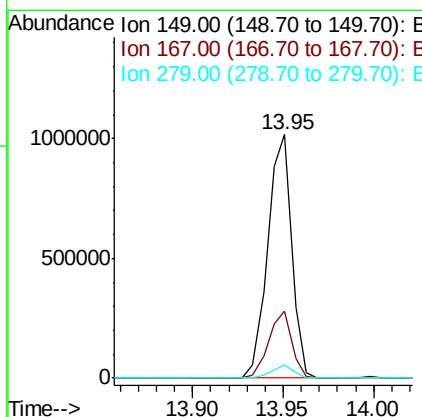
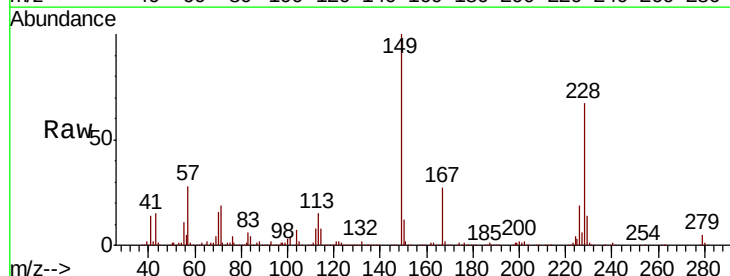
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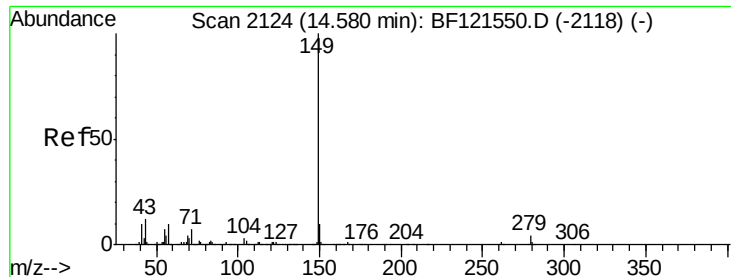
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.488 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.3	21.8	32.8	
279	5.2	4.2	6.2	





#85

Di-n-octyl phthalate

Concen: 44.939 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1631709

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

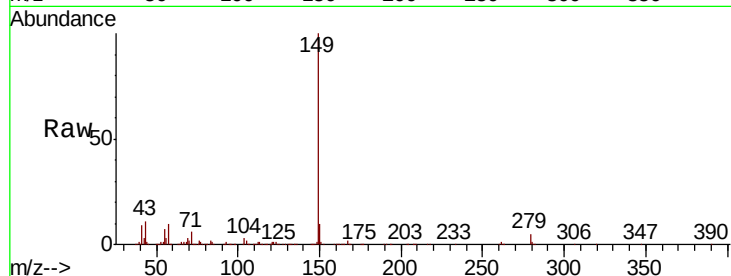
43 11.3 9.0 13.6

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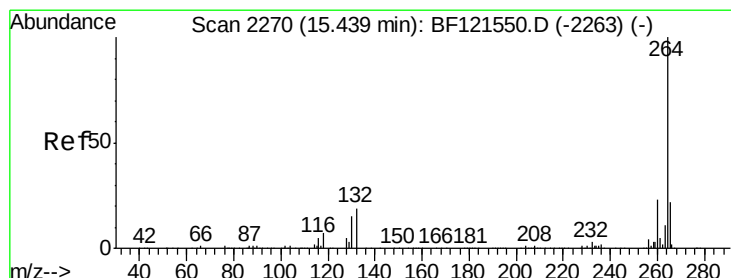
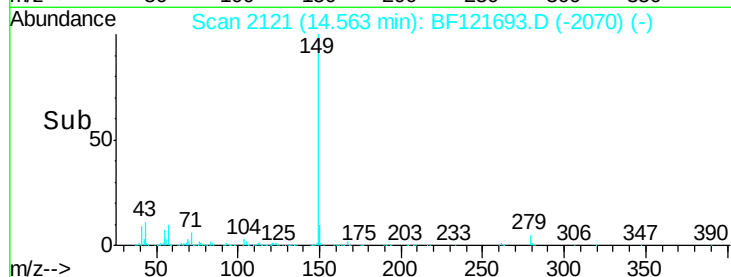
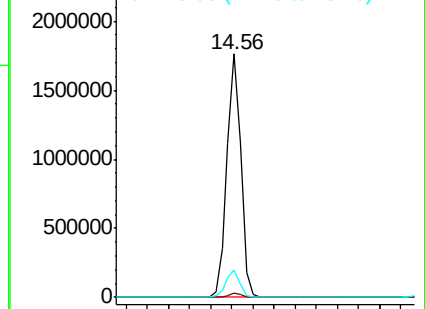
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF121693.D

Acq: 25 Sep 2020 13:36

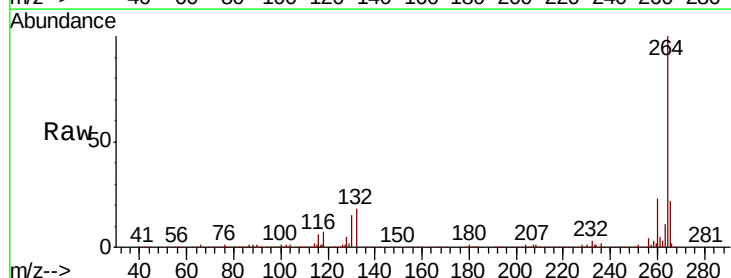
Tgt Ion:264 Resp: 477397

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

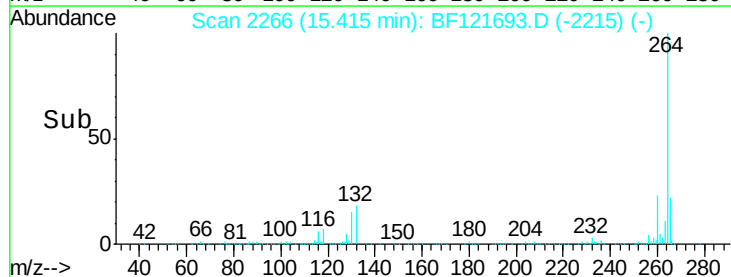
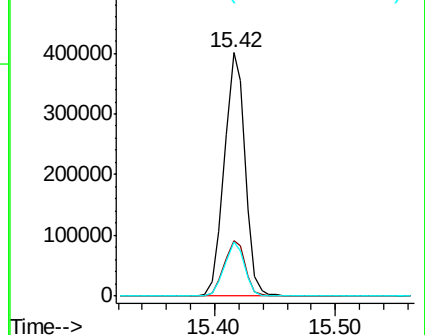
265 22.0 17.6 26.4

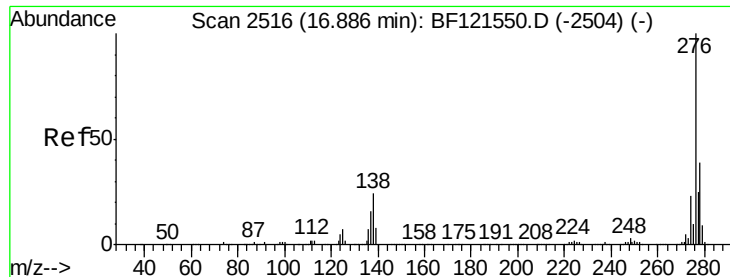


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





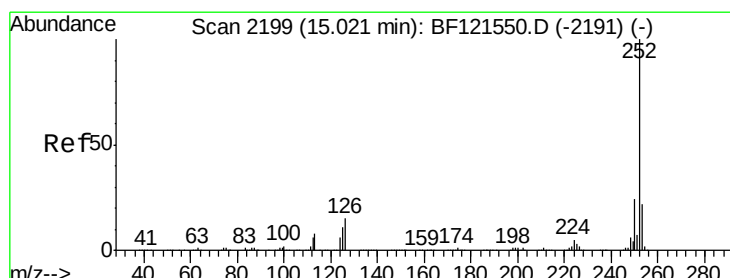
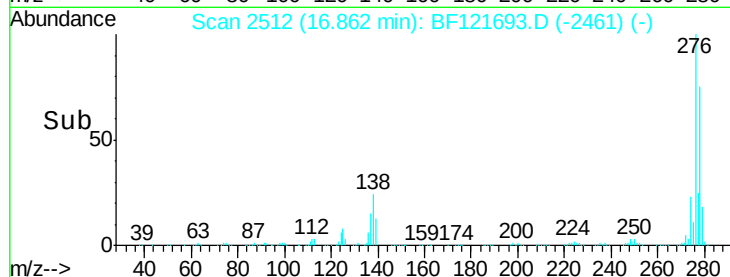
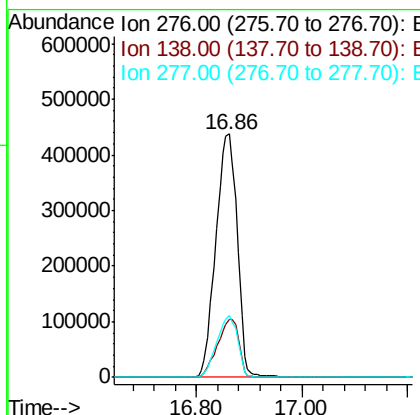
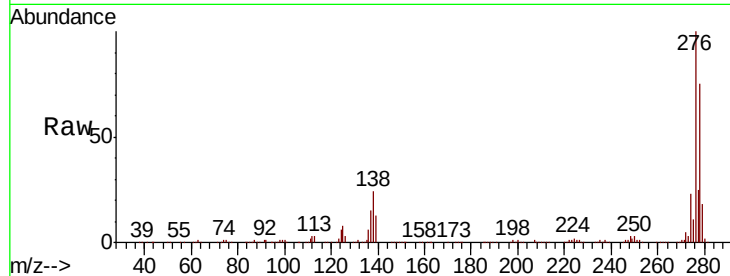
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.530 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.2	28.8
277	25.1	20.1	30.1

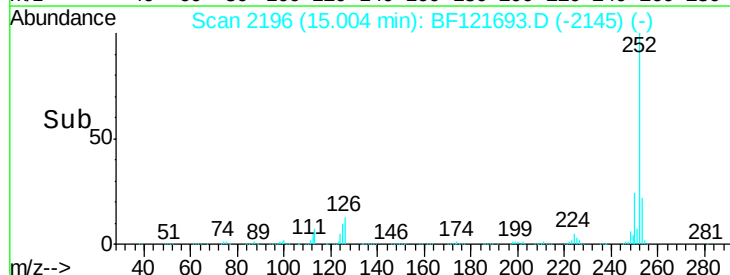
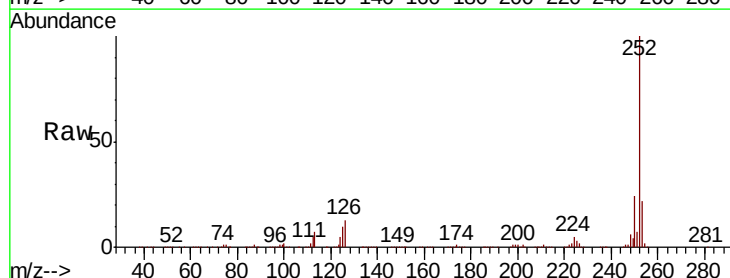
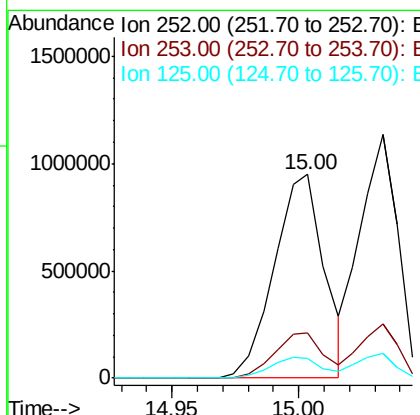
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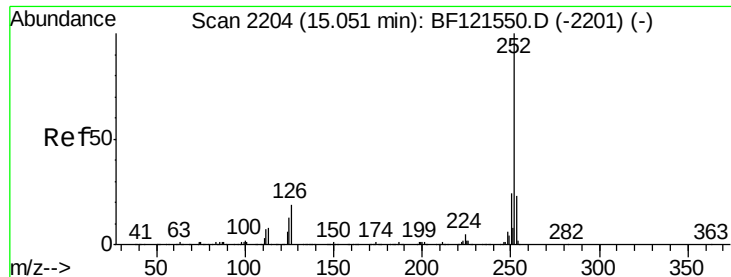
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 40.900 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121693.D
 Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.7	7.8	11.6





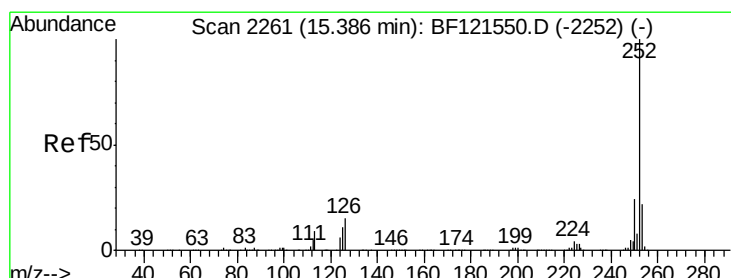
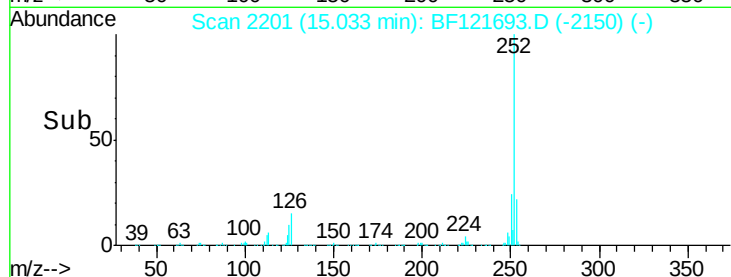
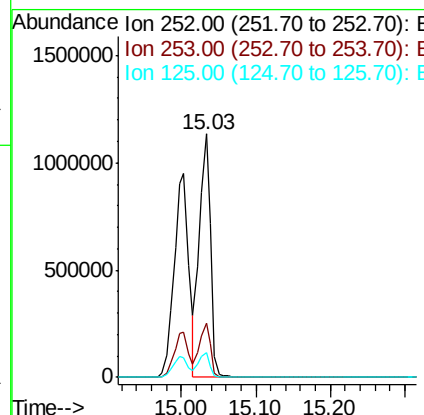
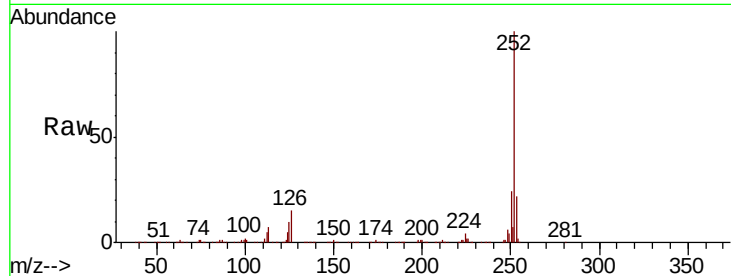
#89
Benzo(k)fluoranthene
Concen: 40.755 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.3	8.2	12.4

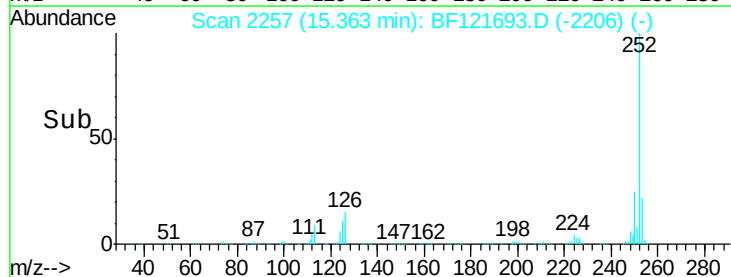
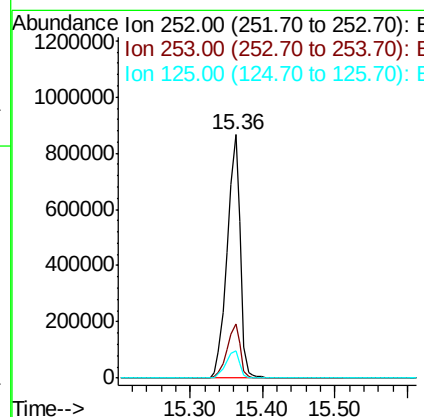
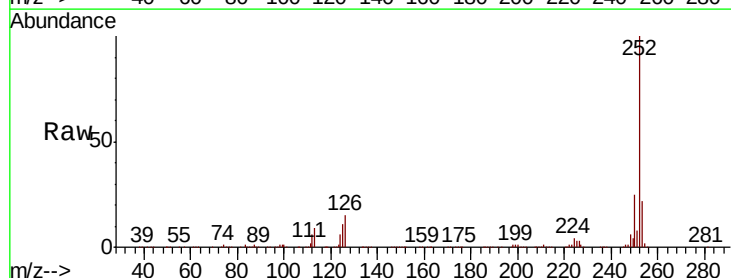
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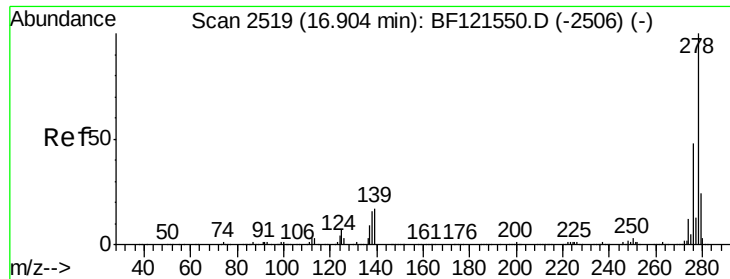
mohammad
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#90
Benzo(a)pyrene
Concen: 40.252 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.4	9.1	13.7





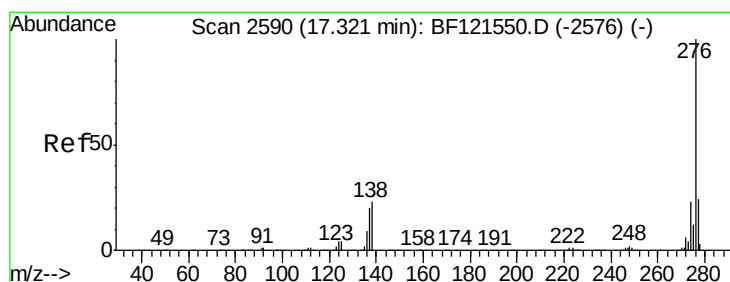
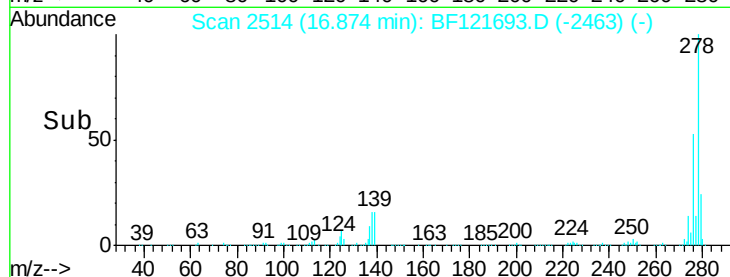
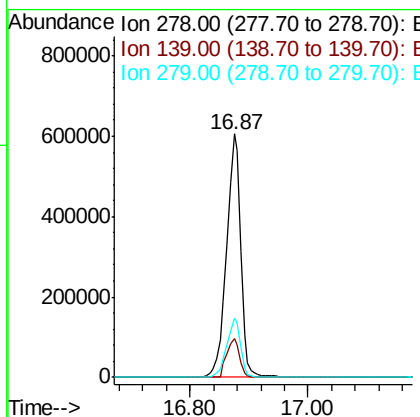
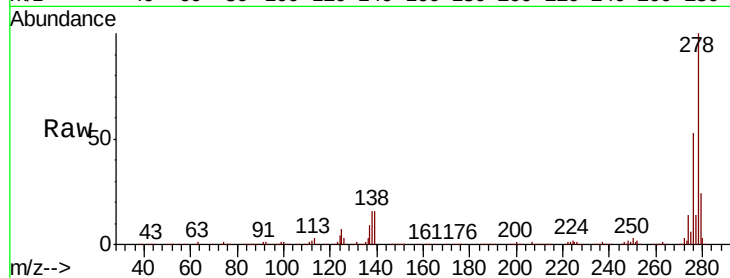
#91
Dibenzo(a,h)anthracene
Concen: 39.165 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	19.0
279	24.3	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 38.994 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BF121693.D
Acq: 25 Sep 2020 13:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	21.0	16.8	25.2

