

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
 Data File : BF120594.D
 Acq On : 10 Jun 2020 17:56
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Manual Integrations
 APPROVED

mohammad
 6/11/2020 1:48:54 PM

Quant Time: Jun 10 18:38:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 18:10:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181995	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	688681	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	347693	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	675733	20.00	ng	0.00
76) Chrysene-d12	13.96	240	476737	20.00	ng	0.00
86) Perylene-d12	15.40	264	525198	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	873369	82.27	ng	0.00
7) Phenol-d6	6.44	99	1142385	86.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	1010840	82.04	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	354849	87.78	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1831997	80.62	ng	0.00
79) Terphenyl-d14	12.91	244	1819671	84.31	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.51	88	202444	40.238	ng	100
3) Pyridine	3.25	79	574415	40.613	ng	98
4) n-Nitrosodimethylamine	3.20	42	238880	40.698	ng	97
6) Aniline	6.46	93	747289	44.165	ng	99
8) 2-Chlorophenol	6.59	128	507879	42.339	ng	99
9) Benzaldehyde	6.35	77	364673	43.607	ng	98
10) Phenol	6.45	94	613927	43.521	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	500062	42.559	ng	99
12) 1,3-Dichlorobenzene	6.75	146	549277	43.071	ng	100
13) 1,4-Dichlorobenzene	6.82	146	545852	43.382	ng	100
14) 1,2-Dichlorobenzene	6.97	146	511662	41.746	ng	99
15) Benzyl Alcohol	6.95	79	410907	43.825	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	767220	45.349	ng	100
17) 2-Methylphenol	7.06	107	453440	44.320	ng	100
18) Hexachloroethane	7.32	117	205119	44.241	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	327145	42.657	ng	97
20) 3+4-Methylphenols	7.21	107	507090	39.664	ng	99
22) Acetophenone	7.22	105	617290	40.092	ng	99
24) Nitrobenzene	7.39	77	535612	41.542	ng	97
25) Isophorone	7.63	82	985071	41.045	ng	98
26) 2-Nitrophenol	7.70	139	282772	41.457	ng	99
27) 2,4-Dimethylphenol	7.74	122	412847	41.108	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	613068	44.067	ng	100
29) 2,4-Dichlorophenol	7.95	162	432458	42.362	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	483934	42.775	ng	100
31) Naphthalene	8.11	128	1472435	43.542	ng	99
32) Benzoic acid	7.87	122	334035	43.350	ng	100
33) 4-Chloroaniline	8.16	127	661272	42.603	ng	99
34) Hexachlorobutadiene	8.22	225	295332	44.783	ng	99
35) Caprolactam	8.53	113	137899	42.235	ng	# 83
36) 4-Chloro-3-methylphenol	8.64	107	447764	43.902	ng	99
37) 2-Methylnaphthalene	8.80	142	958547	43.421	ng	99
38) 1-Methylnaphthalene	8.90	142	929156	44.730	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	462724	44.571	ng	99

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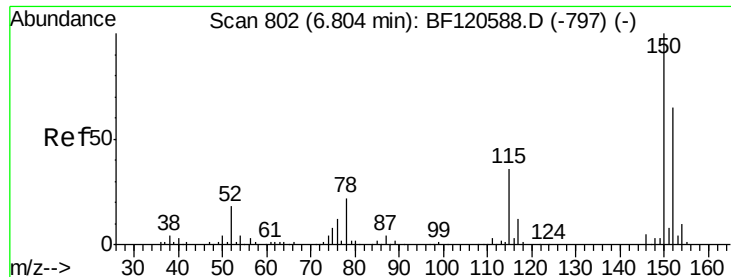
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 18:10:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	268976	46.234	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	322600	43.805	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	367777	44.018	nq	97
46) 1,1'-Biphenyl	9.26	154	1152785	44.402	nq	100
47) 2-Chloronaphthalene	9.29	162	943067	44.420	nq	99
48) 2-Nitroaniline	9.38	65	304335	45.642	nq	96
49) Acenaphthylene	9.70	152	1430563	43.661	nq	99
50) Dimethylphthalate	9.56	163	1114101	44.491	nq	100
51) 2,6-Dinitrotoluene	9.62	165	246296	43.400	nq	96
52) Acenaphthene	9.87	154	843265m	43.153	nq	
53) 3-Nitroaniline	9.79	138	297128	43.592	nq	98
54) 2,4-Dinitrophenol	9.90	184	137424	42.761	nq	95
55) Dibenzofuran	10.05	168	1312958	43.819	nq	99
56) 4-Nitrophenol	9.96	139	218404	42.544	nq	96
57) 2,4-Dinitrotoluene	10.03	165	329584	43.767	nq	93
58) Fluorene	10.39	166	974987	42.210	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	288619	43.908	nq	99
60) Diethylphthalate	10.26	149	1076208	43.637	nq	98
61) 4-Chlorophenyl-phenylether	10.38	204	505033	42.339	nq	95
62) 4-Nitroaniline	10.41	138	293234	43.334	nq	98
63) Azobenzene	10.54	77	1029107	45.969	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	182820	45.089	nq	88
66) n-Nitrosodiphenylamine	10.50	169	923761	44.516	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	336792	43.916	nq	99
68) Hexachlorobenzene	10.93	284	357122	43.312	nq	99
69) Atrazine	11.03	200	283757	44.189	nq	98
70) Pentachlorophenol	11.13	266	207177	45.194	nq	99
71) Phenanthrene	11.35	178	1436070	42.752	nq	100
72) Anthracene	11.40	178	1469767	43.409	nq	100
73) Carbazole	11.55	167	1408689	42.030	nq	99
74) Di-n-butylphthalate	11.89	149	1708846	45.351	nq	100
75) Fluoranthene	12.53	202	1625630	42.329	nq	100
77) Benzidine	12.66	184	647331	40.150	nq	100
78) Pyrene	12.76	202	1453749	43.045	nq	100
80) Butylbenzylphthalate	13.38	149	661578	44.116	nq	99
81) Benzo(a)anthracene	13.95	228	1230324	42.955	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	478880	43.772	nq	99
83) Chrysene	13.99	228	1268099	43.163	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	837593	45.765	nq	# 98
85) Di-n-octyl phthalate	14.56	149	1546349	44.271	nq	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1383777	43.315	nq	99
88) Benzo(b)fluoranthene	14.99	252	1410759	45.094	nq	100
89) Benzo(k)fluoranthene	15.02	252	1132133	40.896	nq	100
90) Benzo(a)pyrene	15.34	252	1209451	43.197	nq	99
91) Dibenzo(a,h)anthracene	16.84	278	1122003	43.797	nq	98
92) Benzo(g,h,i)perylene	17.26	276	1111217	43.033	nq	99

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



#1

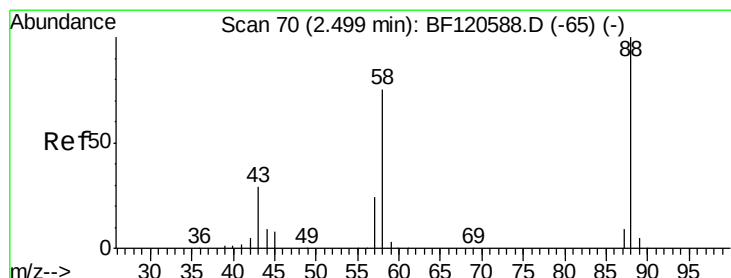
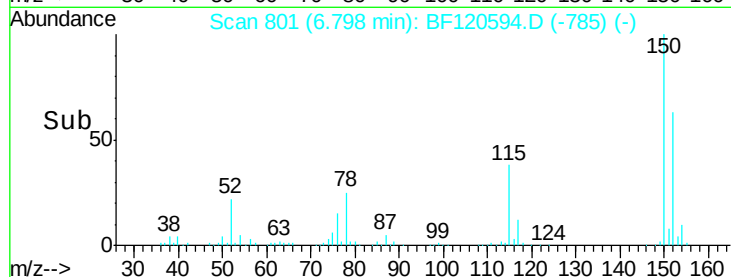
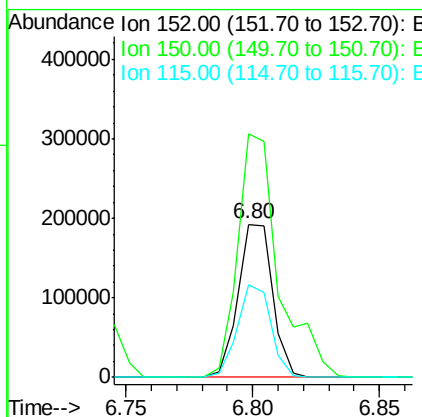
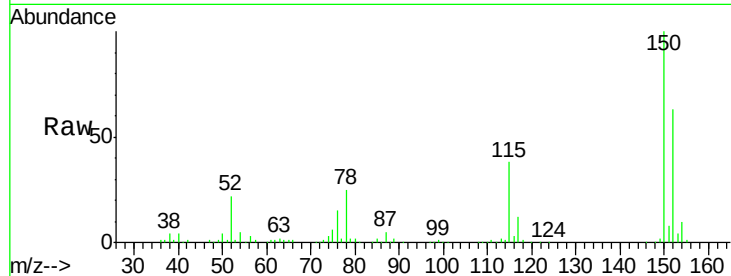
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.2	184.8
115	60.4	43.9	65.9

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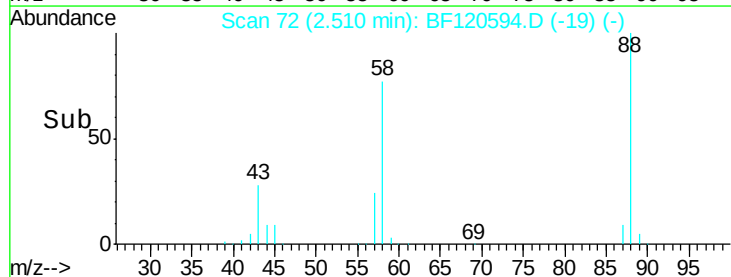
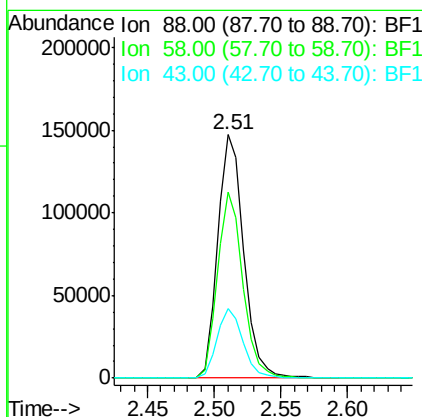
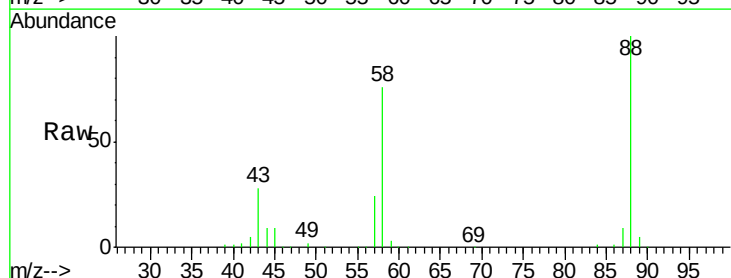
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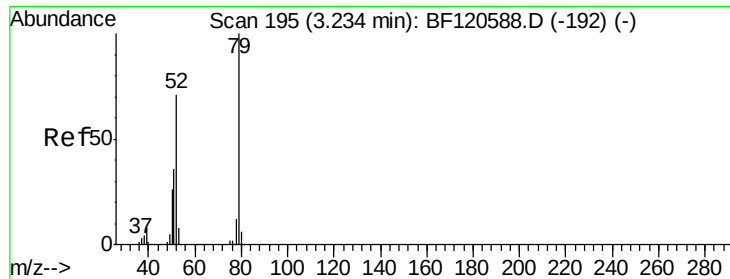


#2

1,4-Dioxane
Concen: 40.238 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	59.6	89.4
43	28.2	23.1	34.7





#3

Pvridine

Concen: 40.613 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

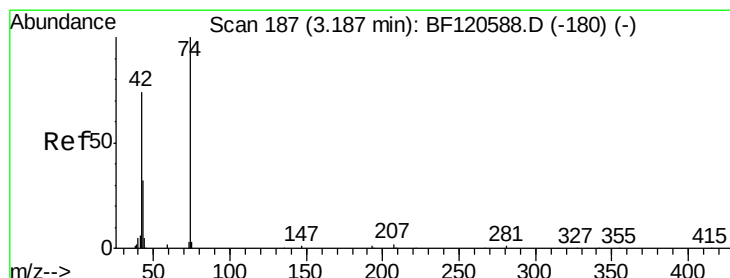
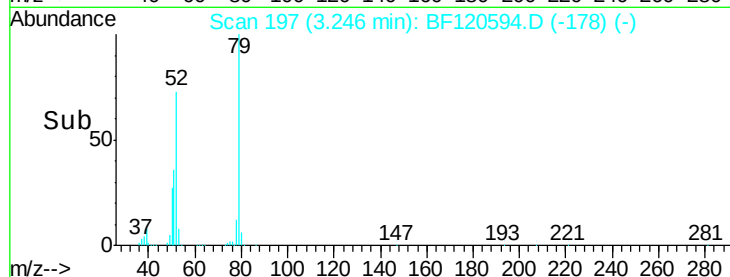
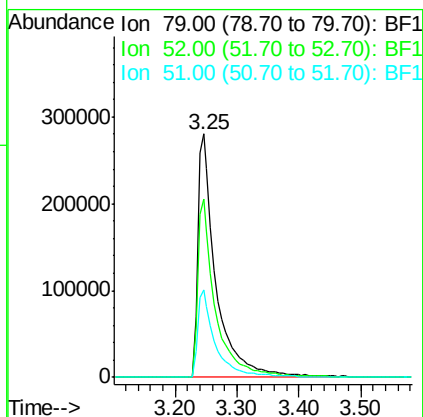
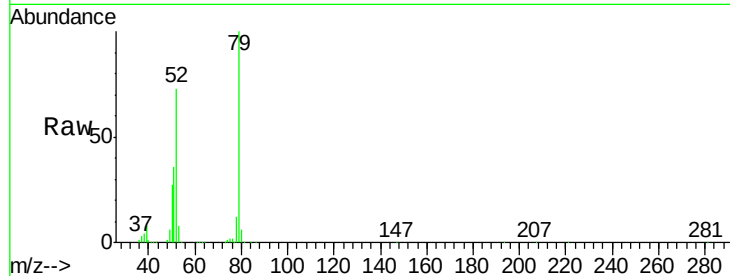
ClientSampleId :

ICVBF061020

Tot Ion:	79	Resp:	574415
Ion Ratio	Lower	Upper	
79	100		
52	73.2	57.0	85.6
51	35.7	28.5	42.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.698 ng

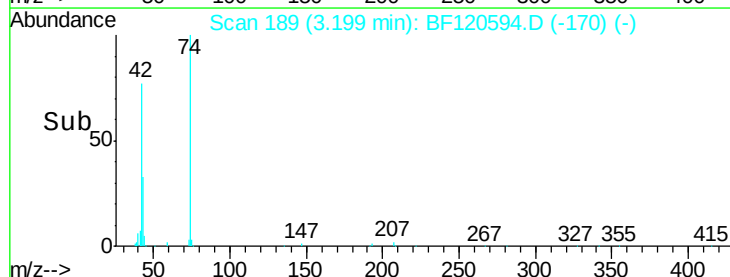
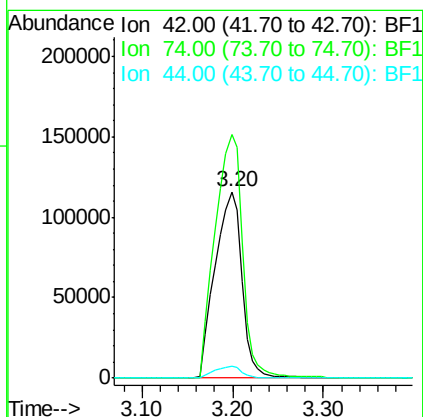
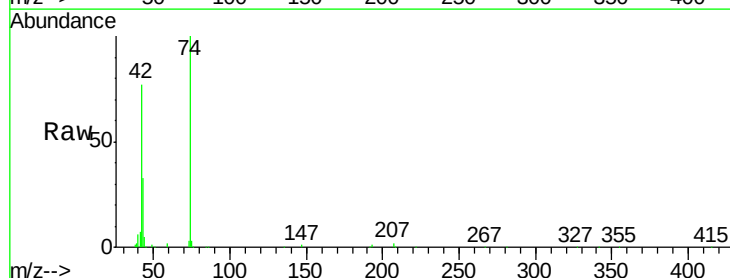
RT: 3.20 min Scan# 189

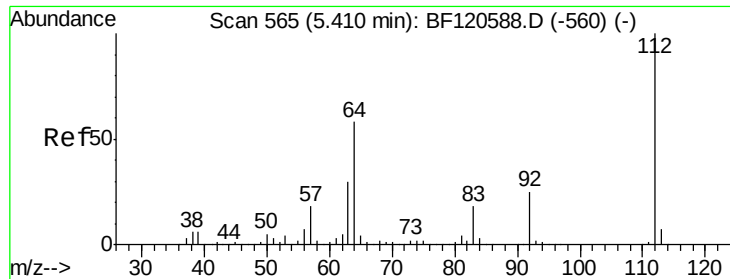
Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Tgt Ion:	42	Resp:	238880
Ion Ratio	Lower	Upper	
42	100		
74	130.6	107.8	161.6
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 82.274 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

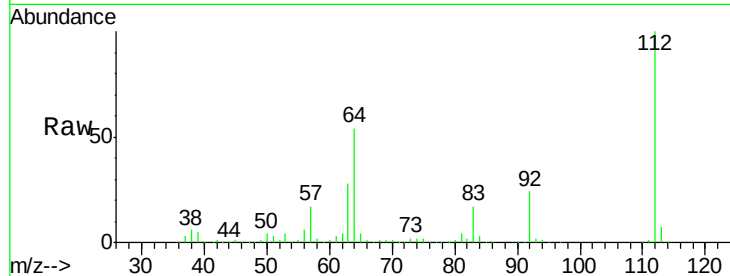
ClientSampleId :

ICVBF061020

Tot Ion:	112	Resp:	873369
Ion Ratio	Lower	Upper	
112	100		
64	53.9	46.1	69.1
63	27.8	23.7	35.5

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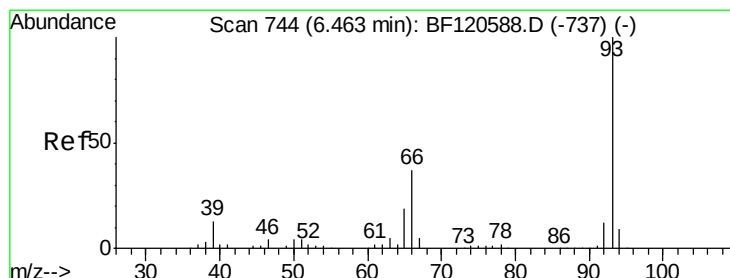
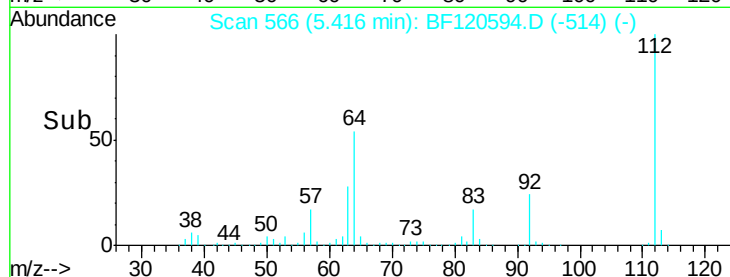
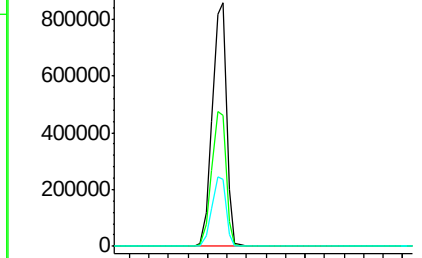
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 44.165 ng

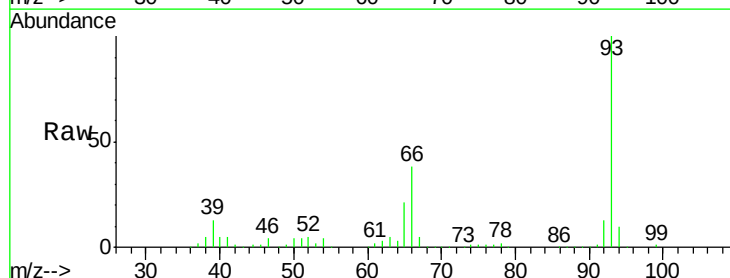
RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

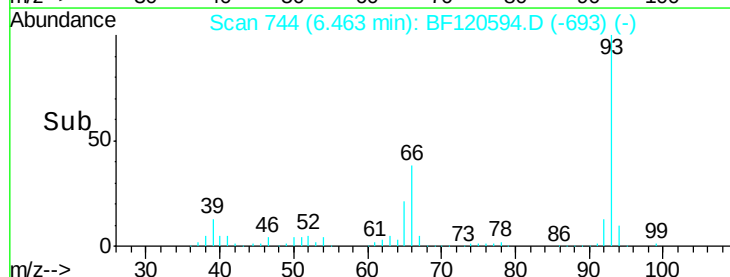
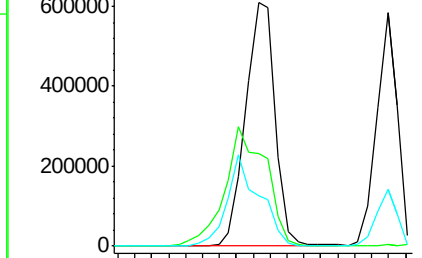
Tgt Ion:	93	Resp:	747289
Ion Ratio	Lower	Upper	
93	100		
66	38.2	30.9	46.3
65	20.7	15.9	23.9

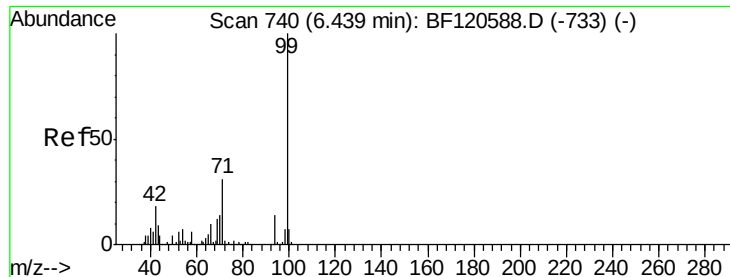


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.404 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

Tot Ion: 99 Resp: 1142385

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

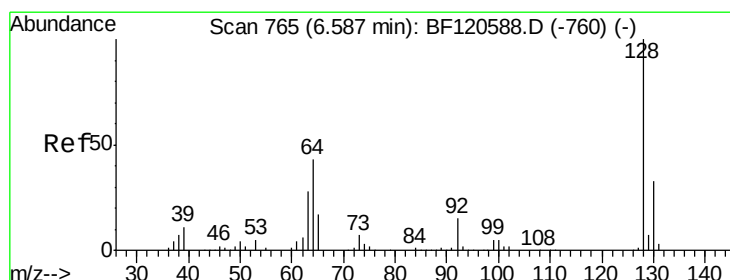
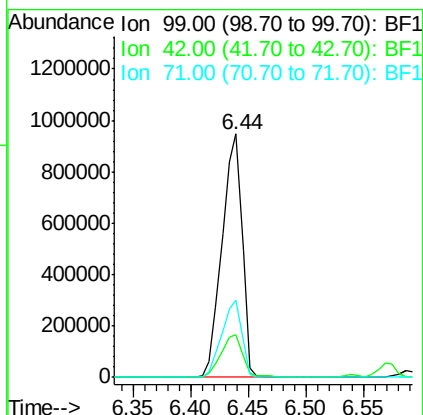
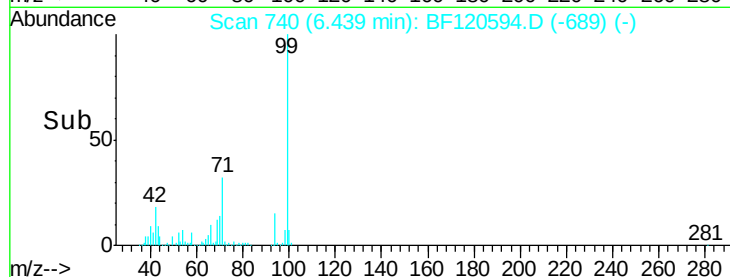
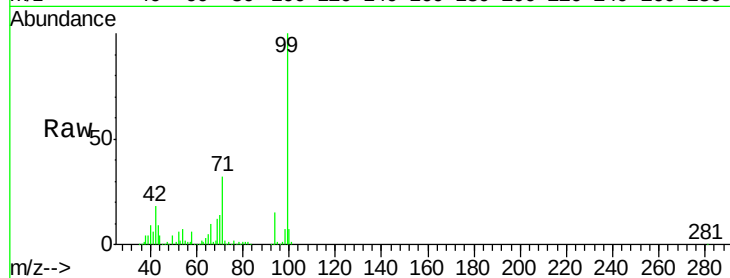
71 31.8 24.9 37.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.339 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

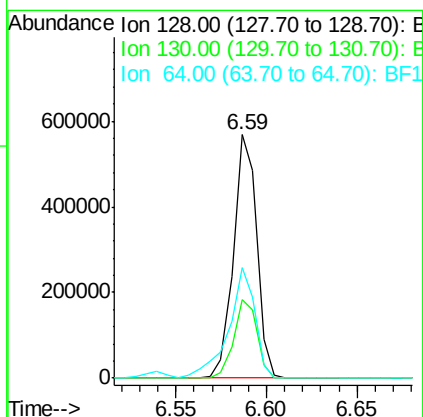
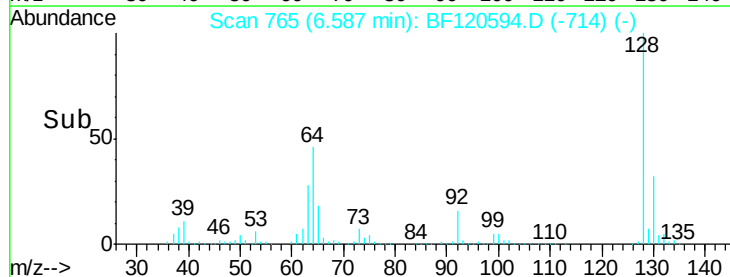
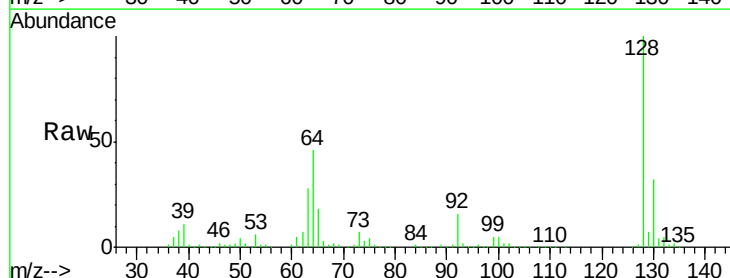
Tgt Ion: 128 Resp: 507879

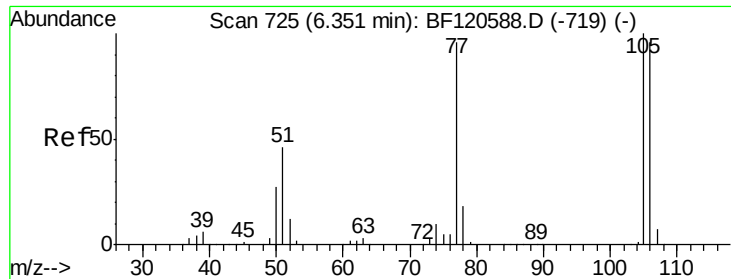
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 45.5 24.3 64.3





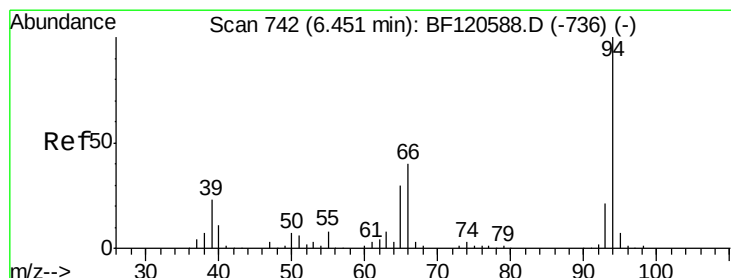
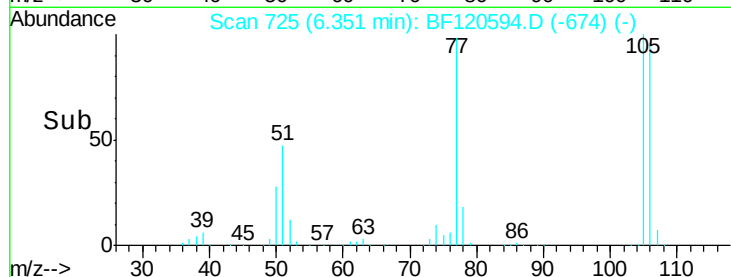
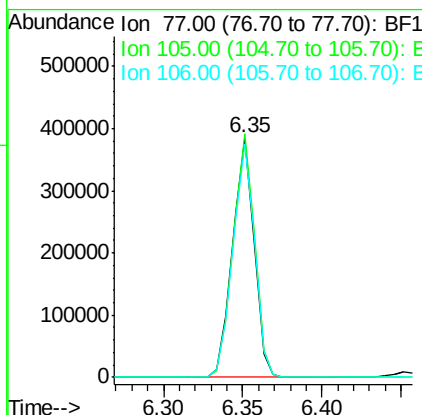
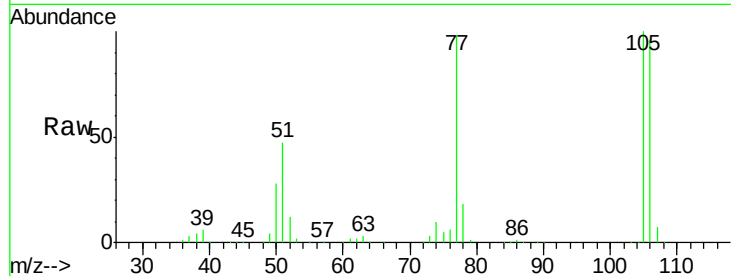
#9
Benzaldehyde
Concen: 43.607 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	83.8	123.8
106	97.7	79.3	119.3

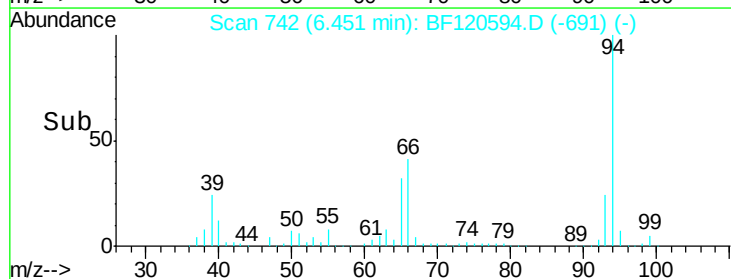
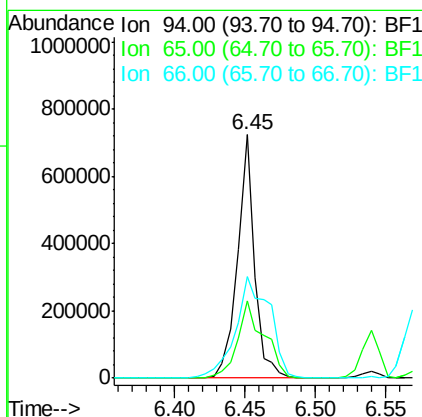
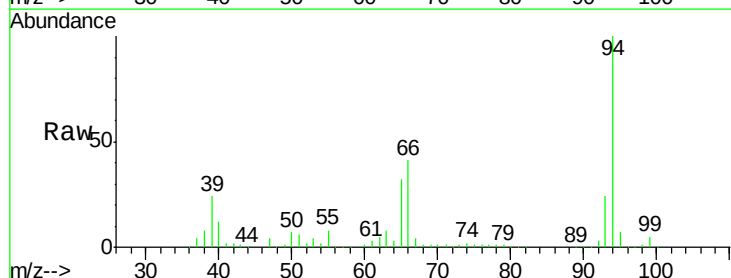
Manual Integrations
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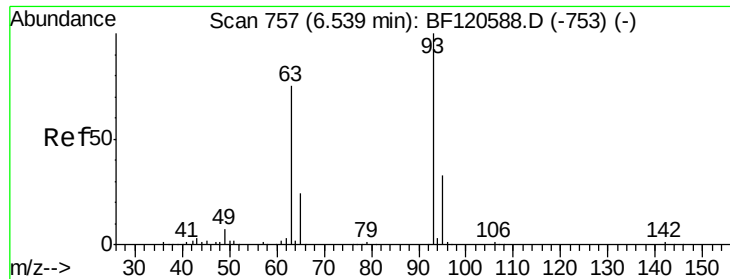
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#10
Phenol
Concen: 43.521 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	9.9	49.9
66	41.5	20.1	60.1





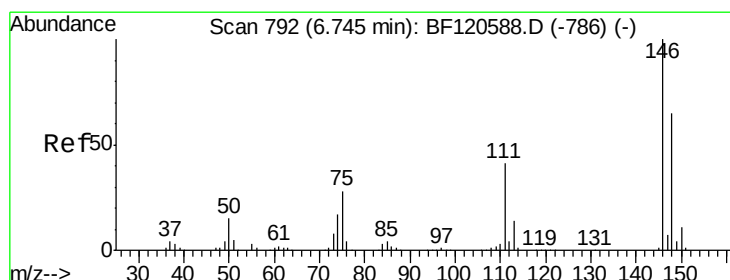
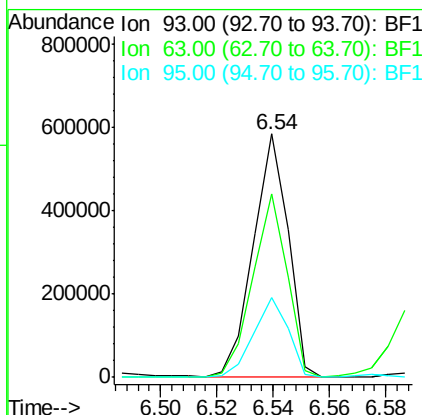
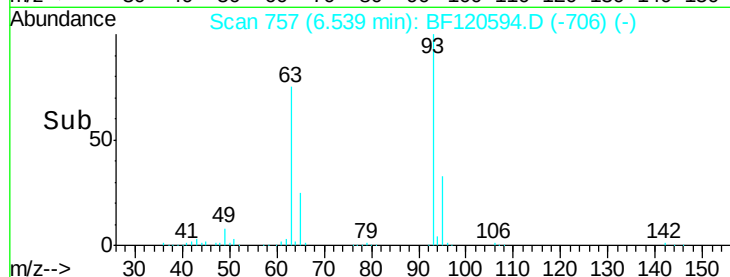
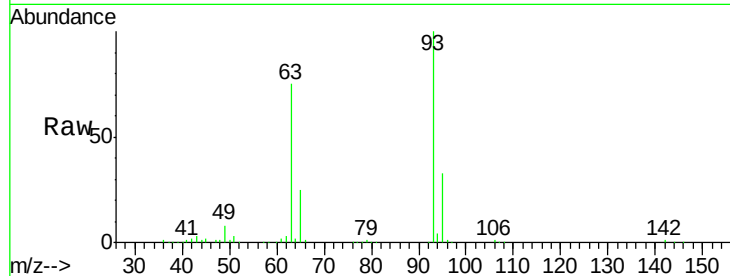
#11
bis(2-Chloroethyl)ether
Concen: 42.559 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:	93	Resp:	500062
Ion	Ratio	Lower	Upper
93	100		
63	75.2	54.4	94.4
95	33.0	12.9	52.9

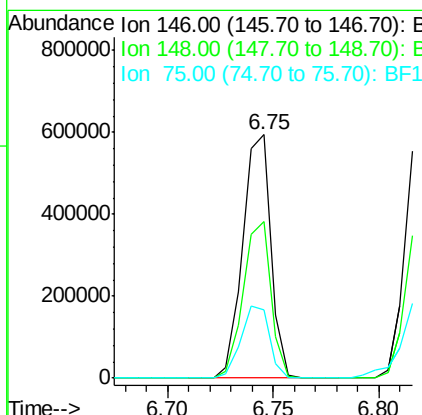
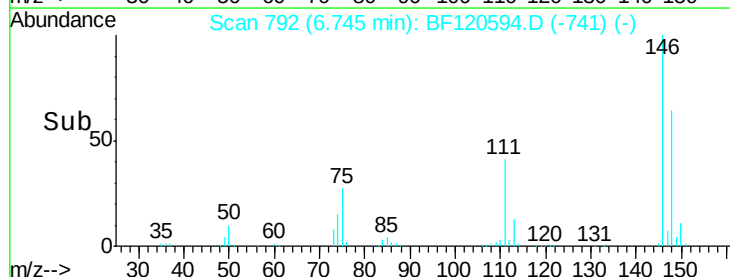
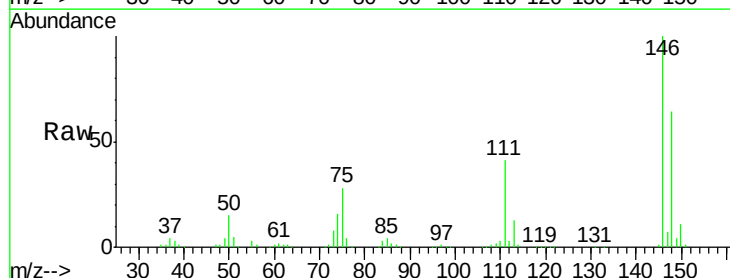
Manual Integrations
APPROVED

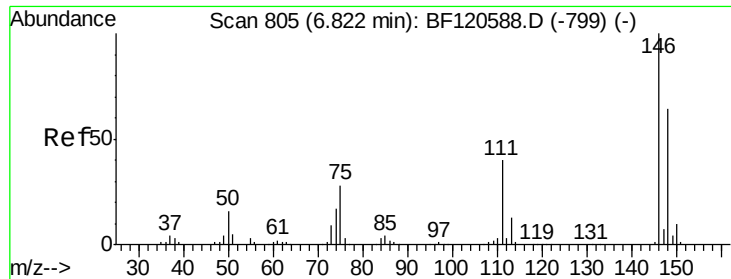
mohammad
6/11/2020 1:48:54 PM



#12
1,3-Dichlorobenzene
Concen: 43.071 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:	146	Resp:	549277
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	27.9	22.2	33.4





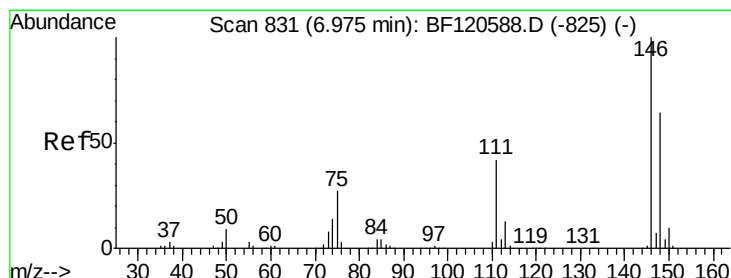
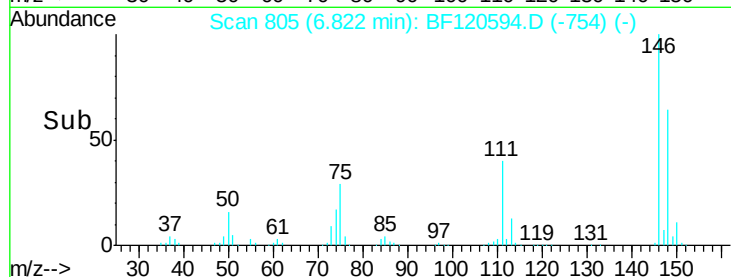
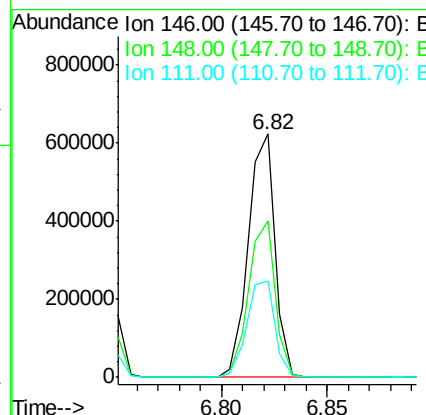
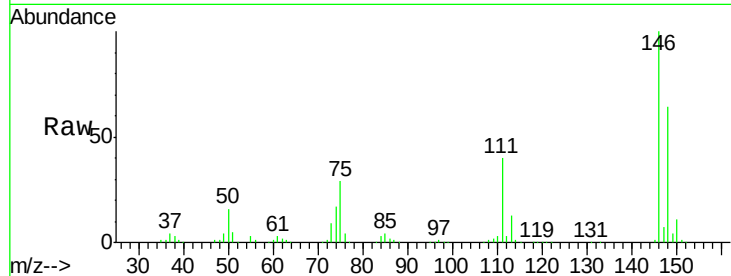
#13
1,4-Dichlorobenzene
Concen: 43.382 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.6	32.2	48.4

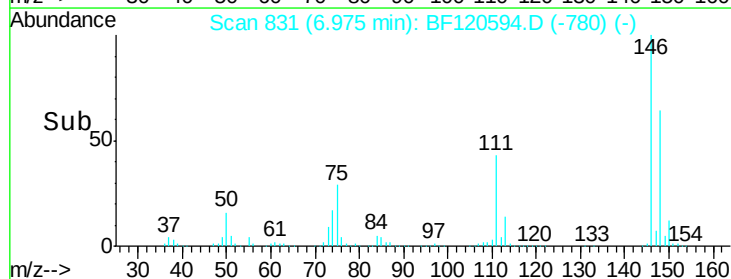
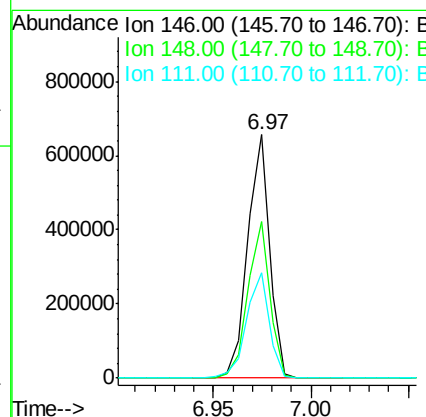
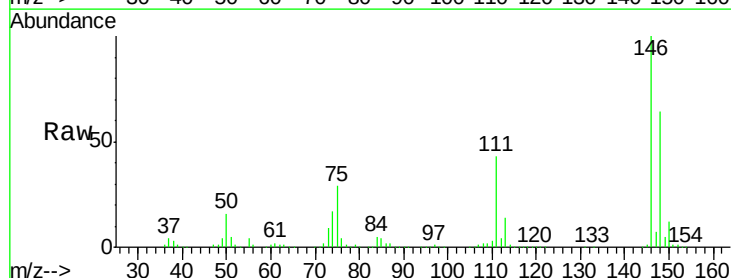
Manual Integrations
APPROVED

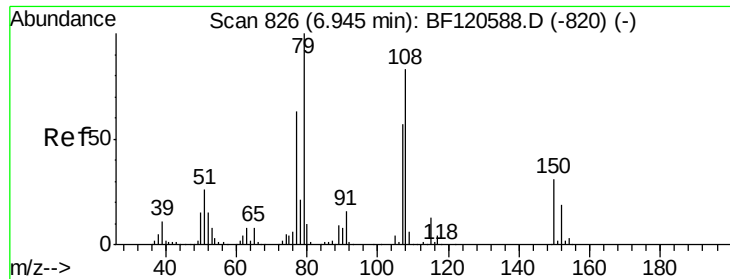
mohammad
6/11/2020 1:48:54 PM



#14
1,2-Dichlorobenzene
Concen: 41.746 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	43.3	33.6	50.4





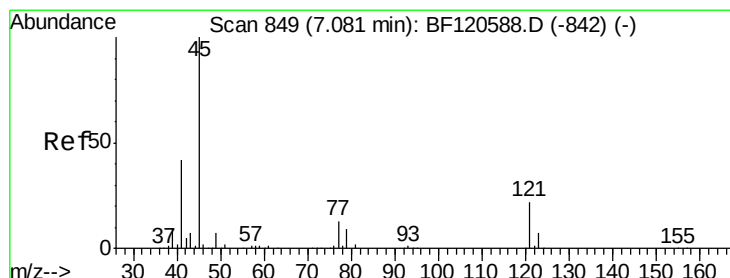
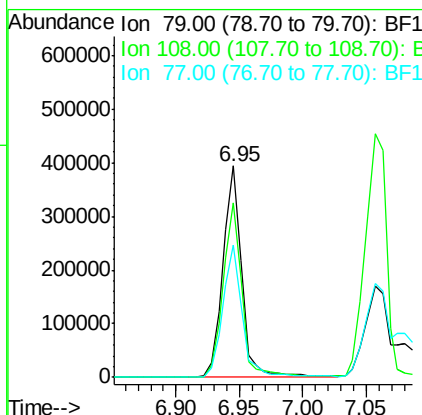
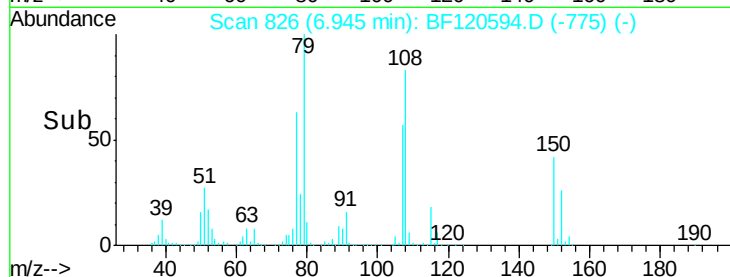
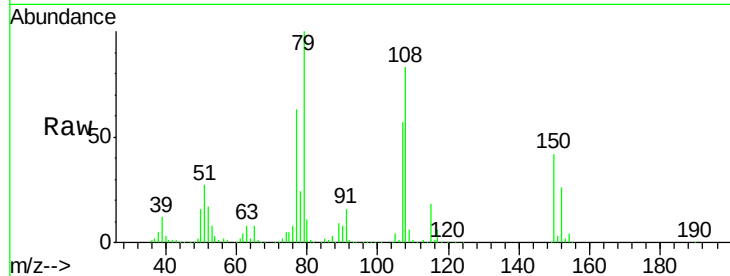
#15
Benzyl Alcohol
Concen: 43.825 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	66.8	100.2
77	62.7	50.6	76.0

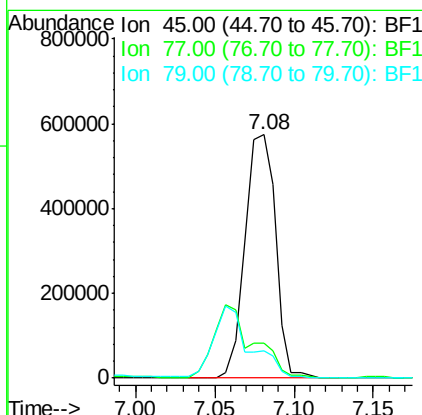
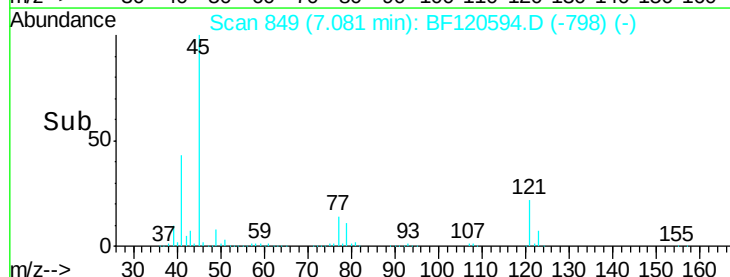
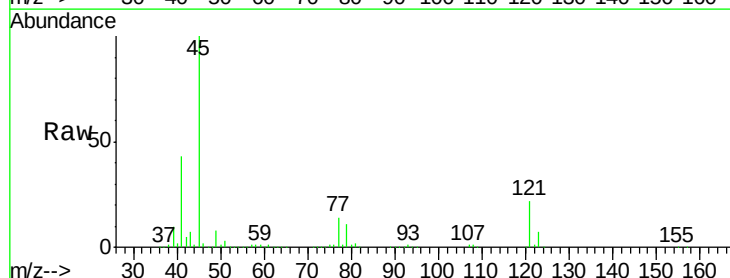
Manual Integrations
APPROVED

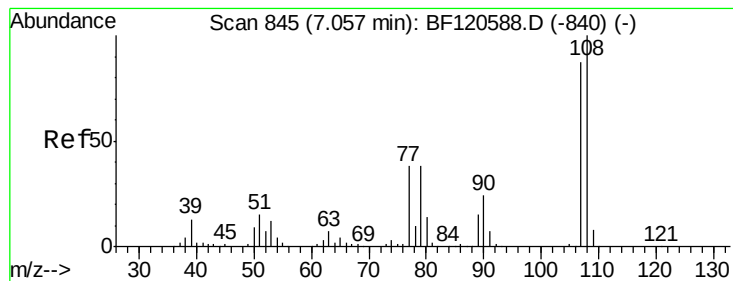
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.349 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.2
79	11.0	0.0	30.9





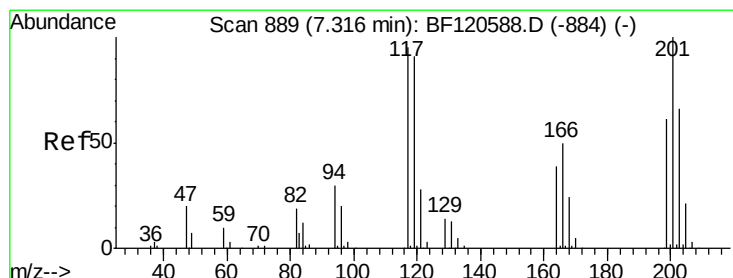
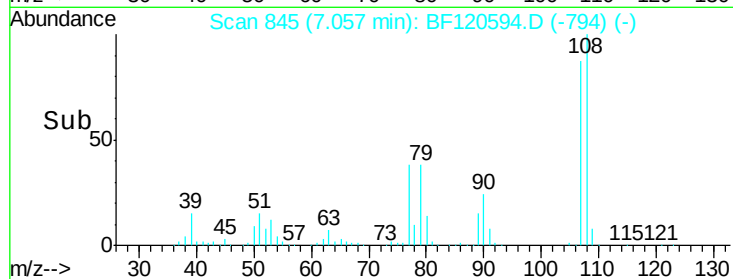
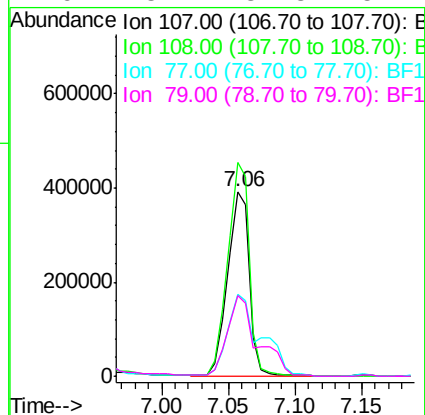
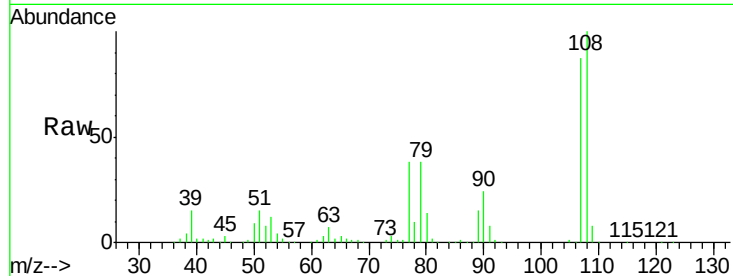
#17
2-Methylphenol
Concen: 44.320 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	107	Resp	453440
Ion Ratio	Lower	Upper	
107	100		
108	115.5	91.9	137.9
77	44.4	35.4	53.2
79	43.4	34.8	52.2

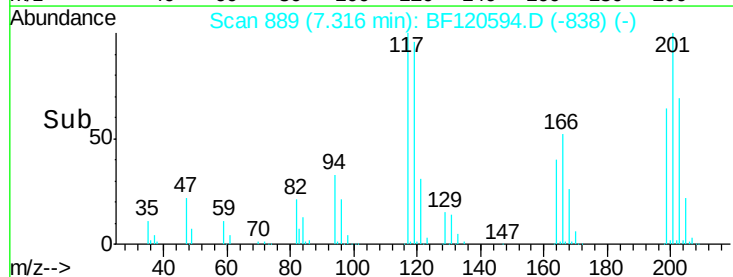
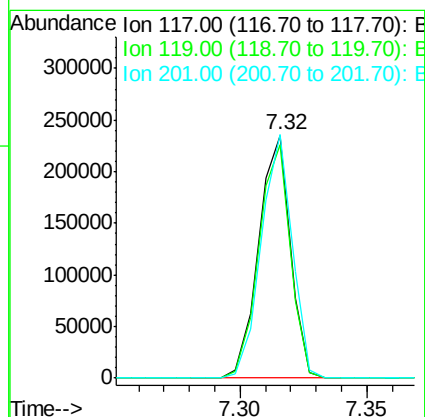
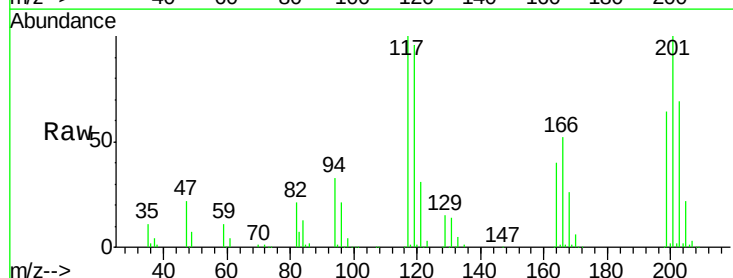
Manual Integrations
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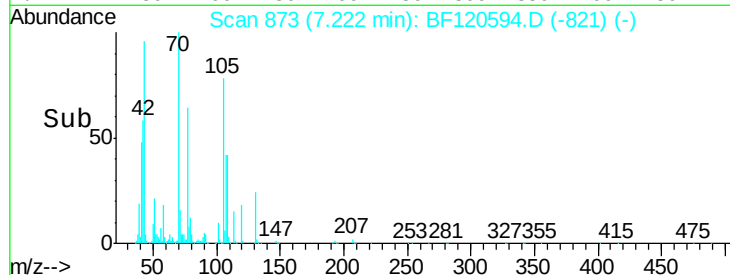
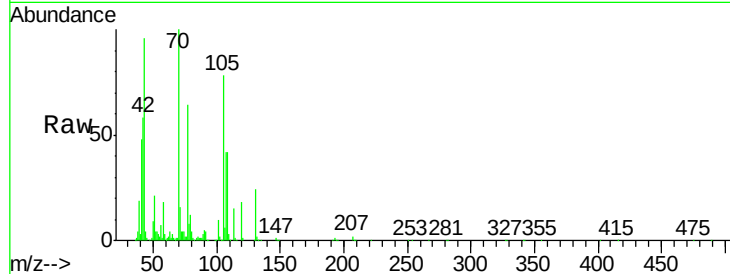
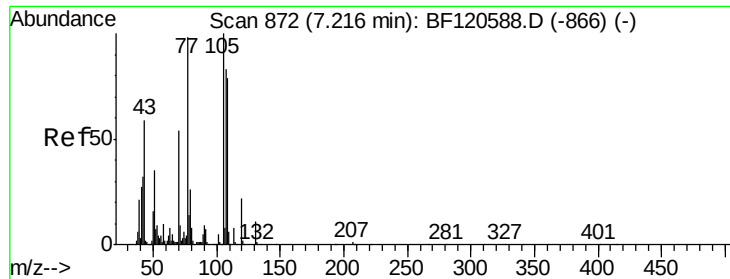
mohammad
6/11/2020 1:48:54 PM



#18
Hexachloroethane
Concen: 44.241 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	117	Resp	205119
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.9	115.3
201	100.2	84.6	127.0





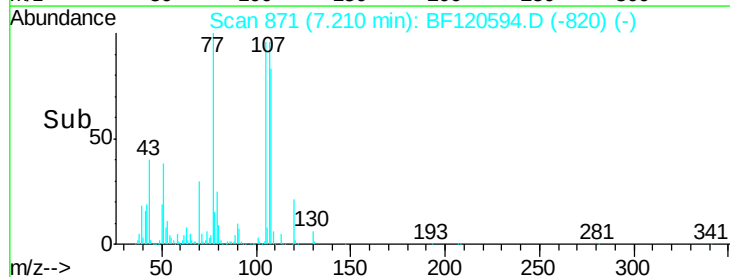
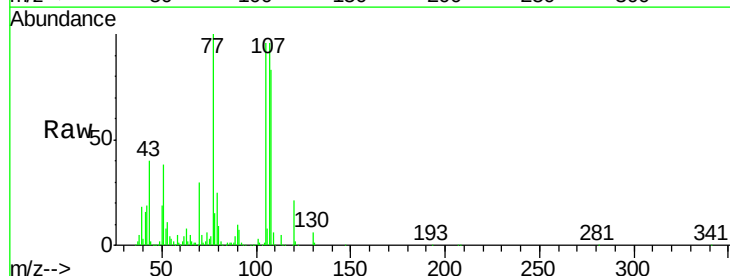
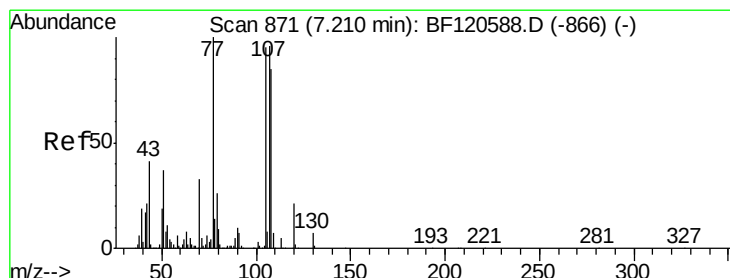
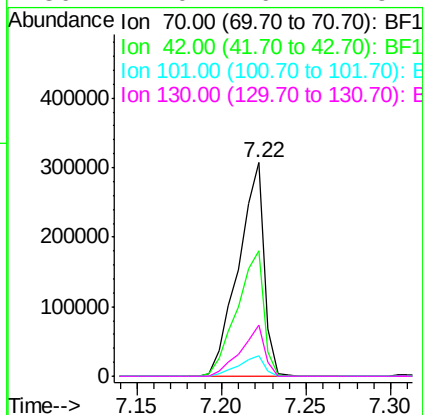
#19
n-Nitroso-di-n-propylamine
Concen: 42.657 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.4	47.7	71.5	
101	9.6	7.6	11.4	
130	24.0	16.7	25.1	

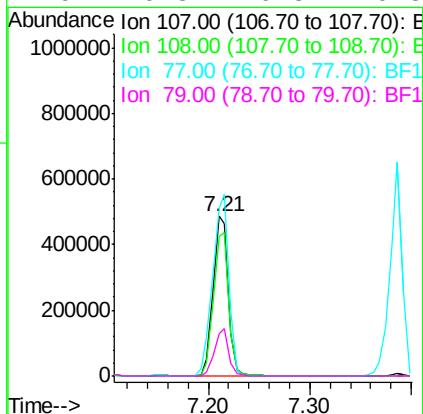
Manual Integrations
APPROVED

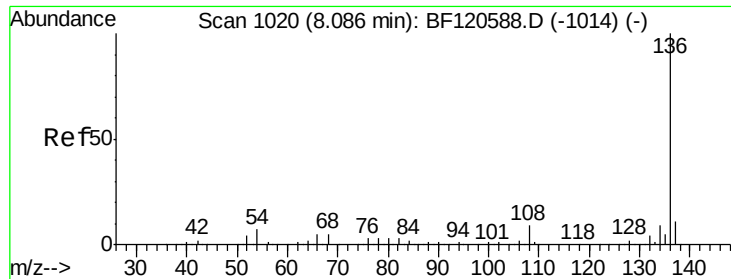
mohammad
6/11/2020 1:48:54 PM



#20
3+4-Methylphenols
Concen: 39.664 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	68.7	108.7	
77	104.6	84.2	124.2	
79	26.3	6.8	46.8	





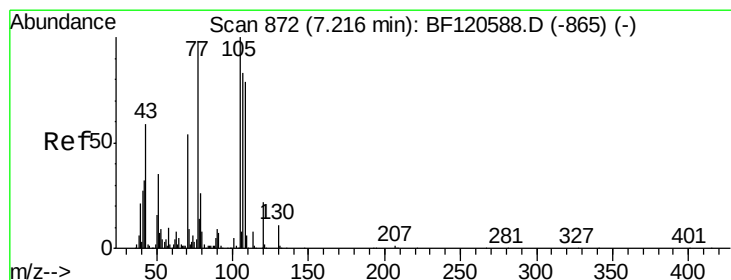
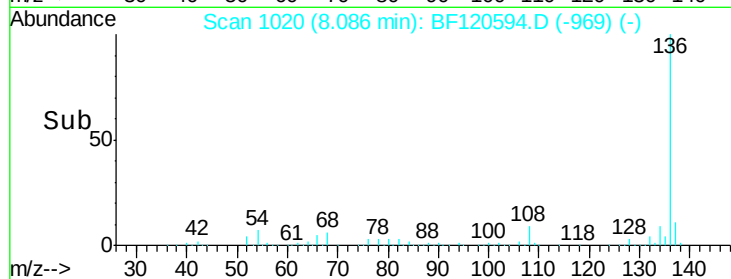
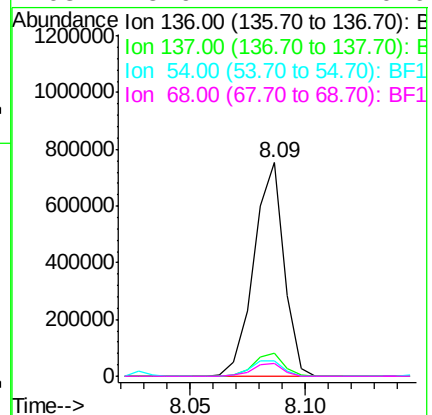
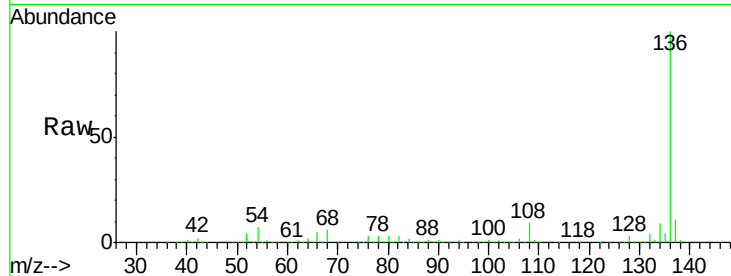
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	688681		
137	10.9		8.6	13.0
54	7.2		5.8	8.6
68	5.9		4.4	6.6

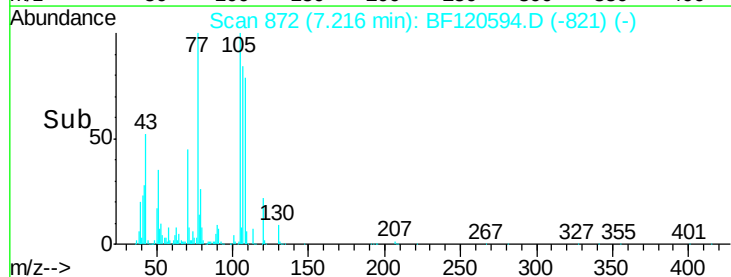
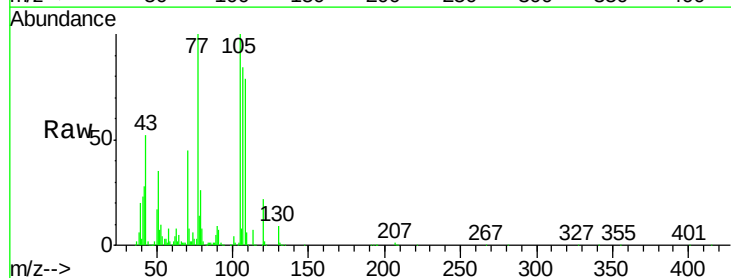
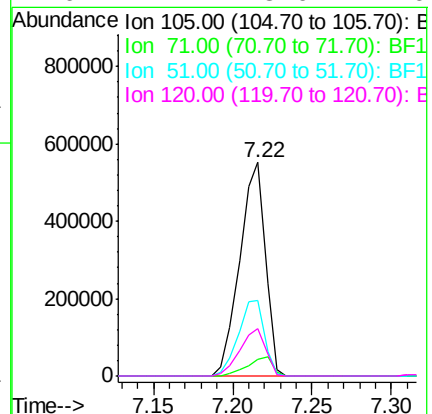
Manual Integrations
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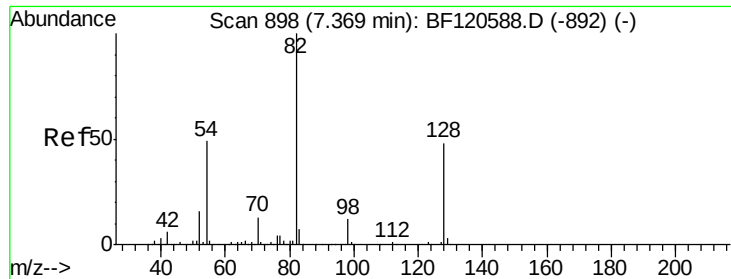
mohammad
6/11/2020 1:48:54 PM



#22
Acetophenone
Concen: 40.092 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617290		
71	7.6		7.2	10.8
51	35.5		27.8	41.8
120	22.2		18.0	27.0





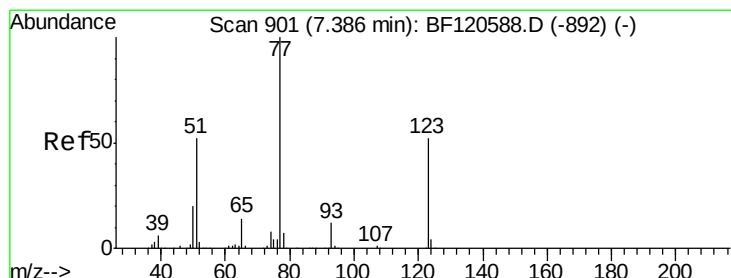
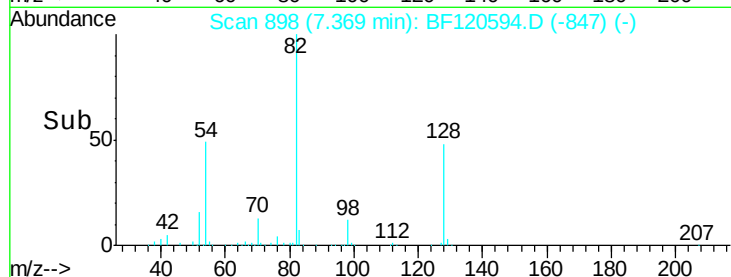
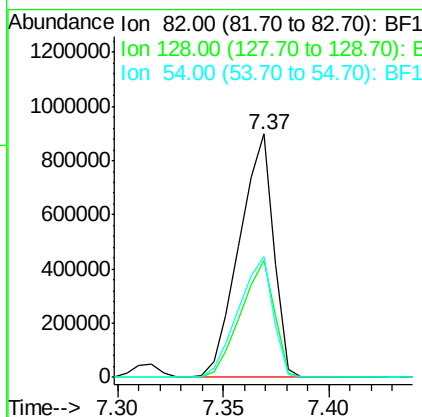
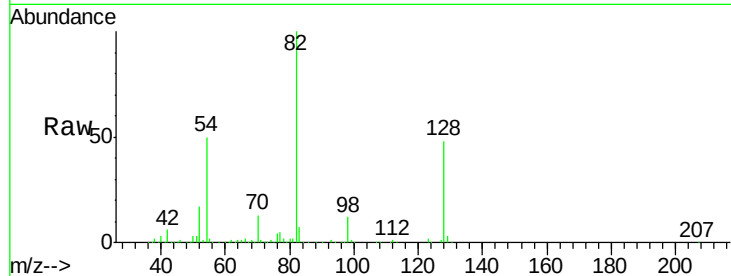
#23
 Nitrobenzene-d5
 Concen: 82.045 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	82	Resp	1010840
Ion Ratio	100	Lower	Upper
82	100		
128	47.9	38.0	57.0
54	49.8	38.8	58.2

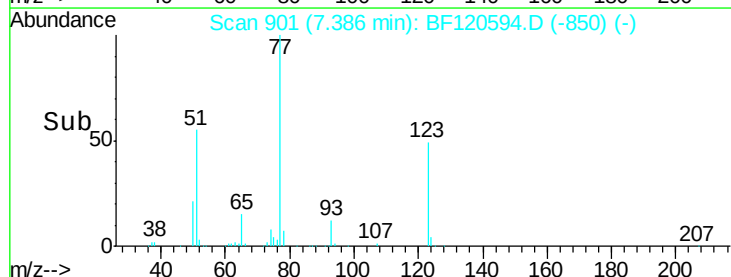
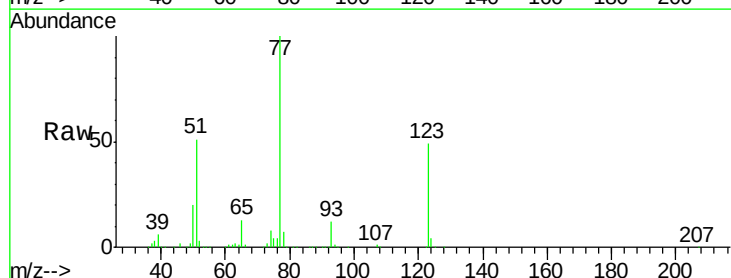
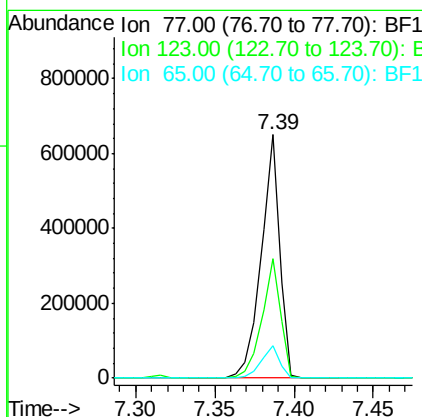
Manual Integrations
 APPROVED

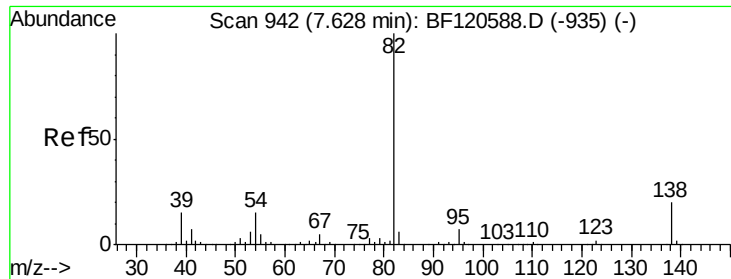
mohammad
 6/11/2020 1:48:54 PM



#24
 Nitrobenzene
 Concen: 41.542 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	77	Resp	535612
Ion Ratio	100	Lower	Upper
77	100		
123	49.3	41.4	62.0
65	13.5	11.0	16.4





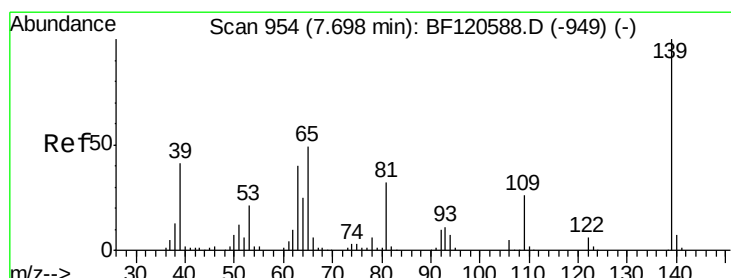
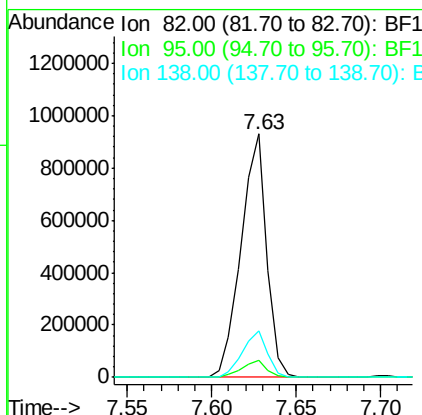
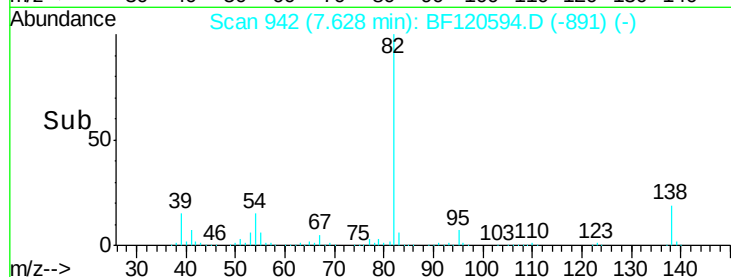
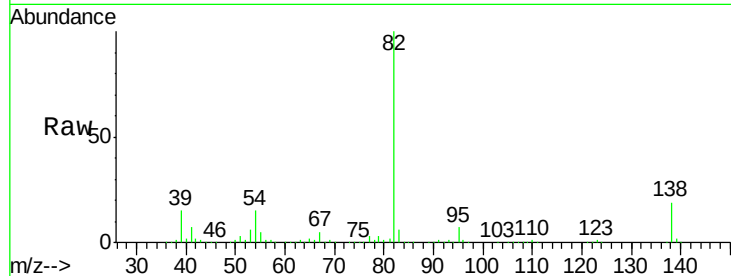
#25
Isophorone
Concen: 41.045 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	985071		
95	7.1		5.7	8.5
138	19.3		16.2	24.4

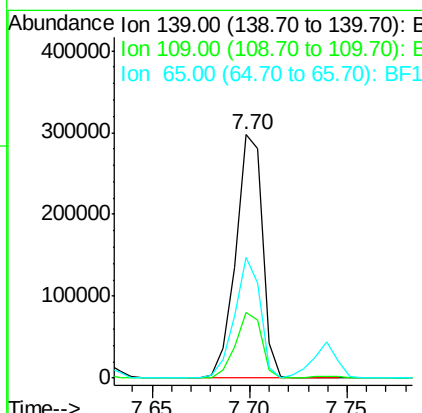
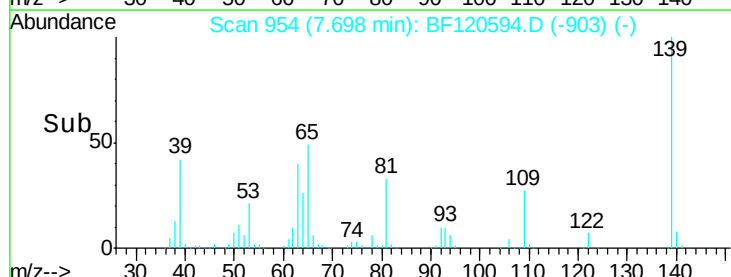
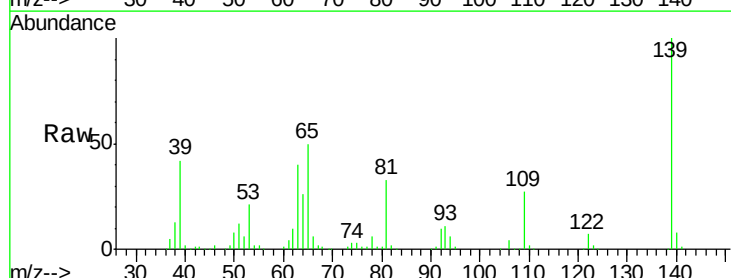
Manual Integrations
APPROVED

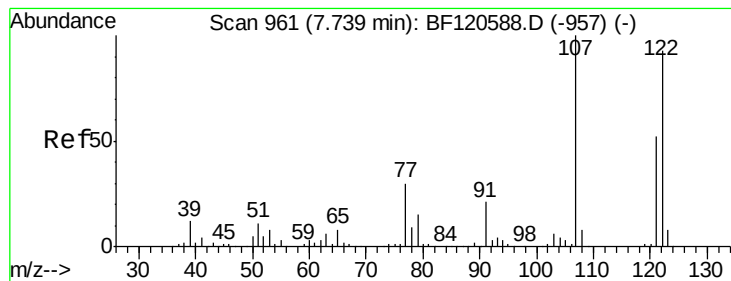
mohammad
6/11/2020 1:48:54 PM



#26
2-Nitrophenol
Concen: 41.457 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	282772		
109	27.1		21.1	31.7
65	49.7		39.4	59.0





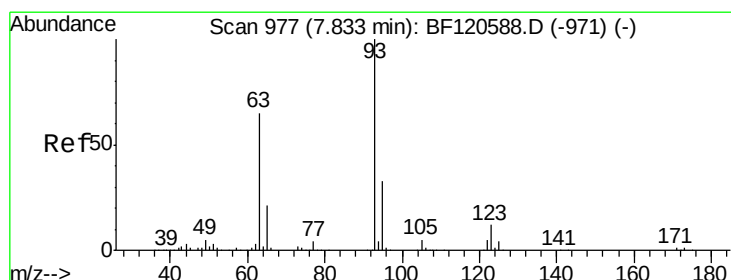
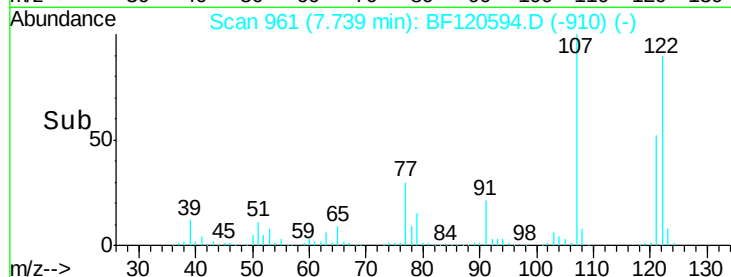
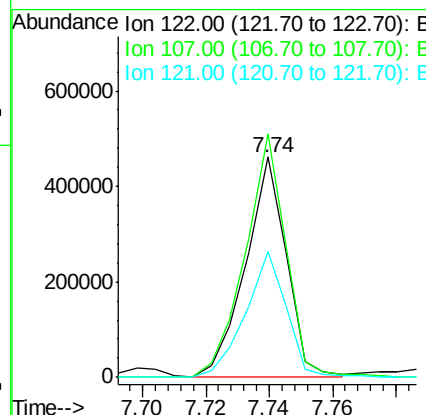
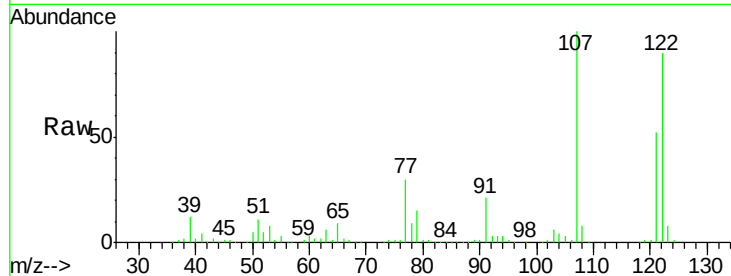
#27
2,4-Dimethylphenol
Concen: 41.108 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	86.4	129.6
121	57.4	45.2	67.8

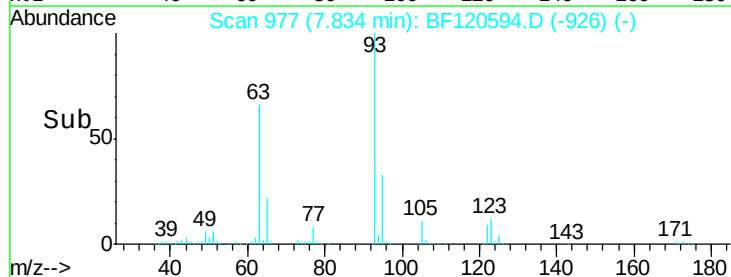
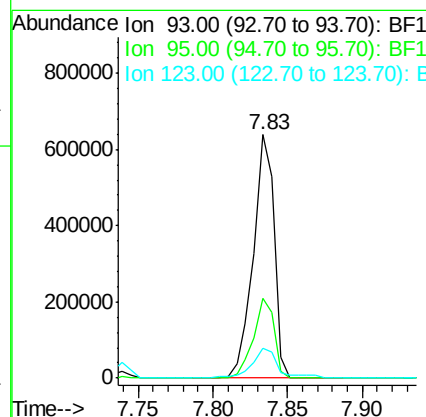
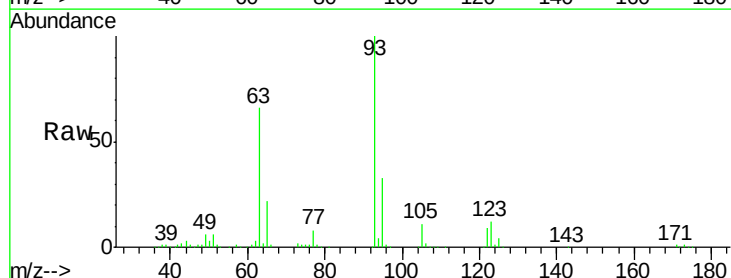
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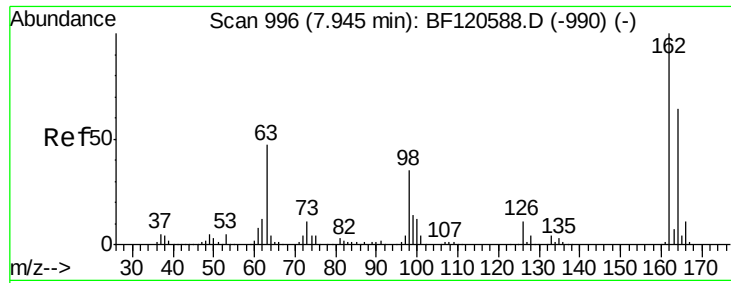
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.067 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.3	9.5	14.3





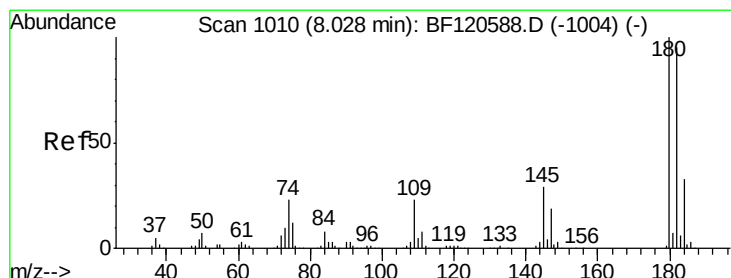
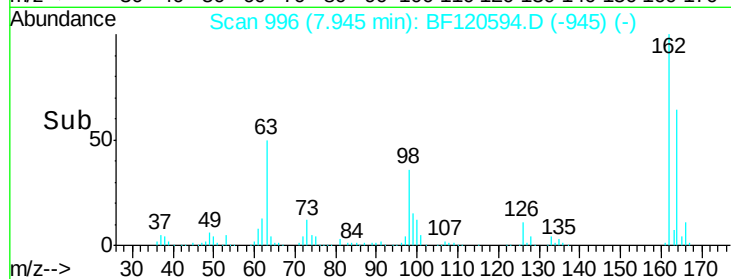
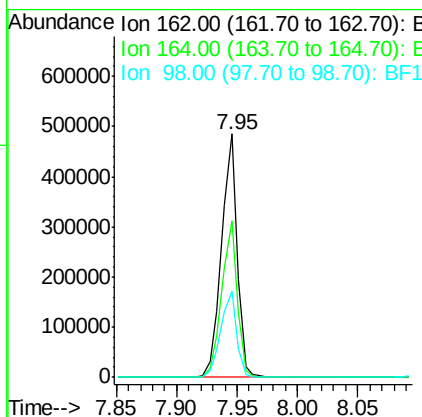
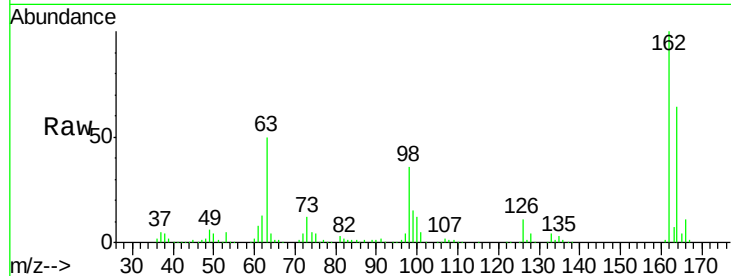
#29
 2,4-Dichlorophenol
 Concen: 42.362 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		432458		
164	64.4	44.1	84.1		
98	35.5	14.7	54.7		

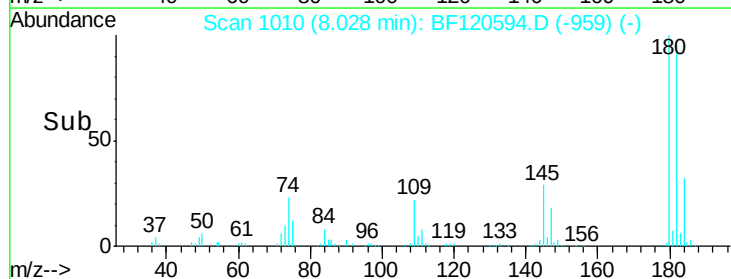
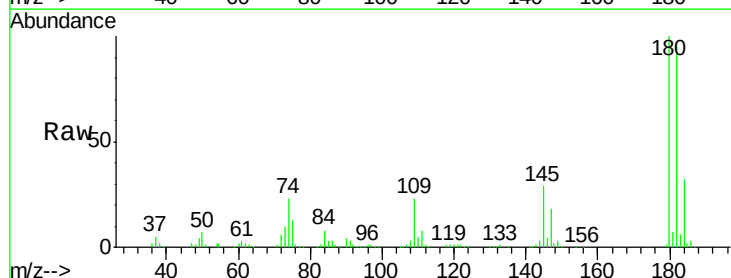
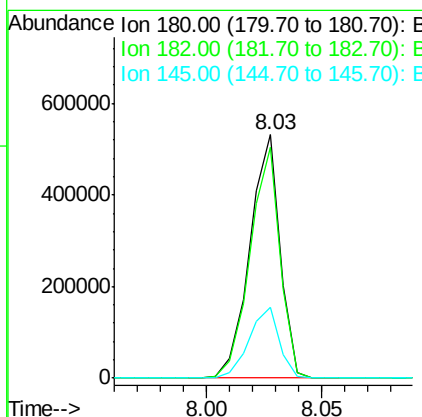
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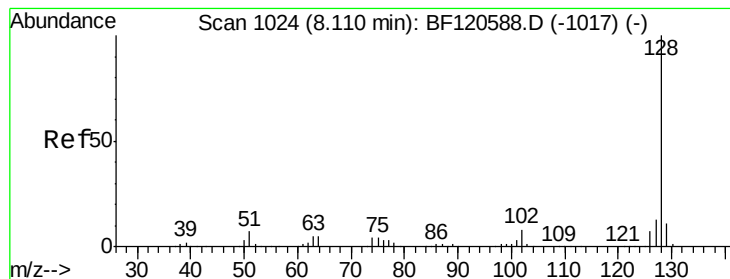
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.775 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		483934		
182	94.9	75.8	113.6		
145	28.8	23.0	34.6		





#31

Naphthalene

Concen: 43.542 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

Tot Ion:128 Resp: 1472435

Ion Ratio Lower Upper

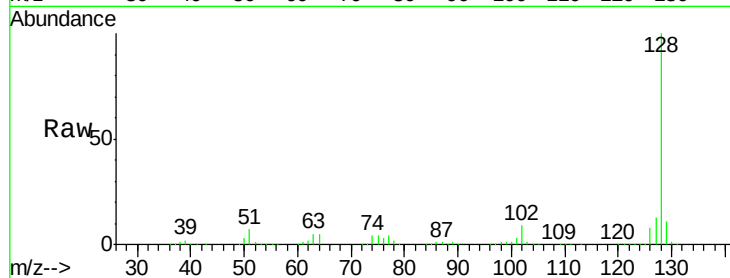
128 100

129 11.2 8.8 13.2

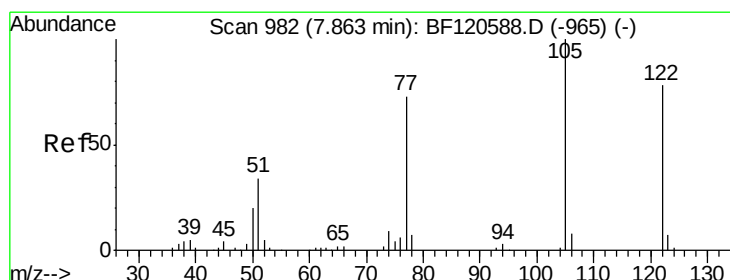
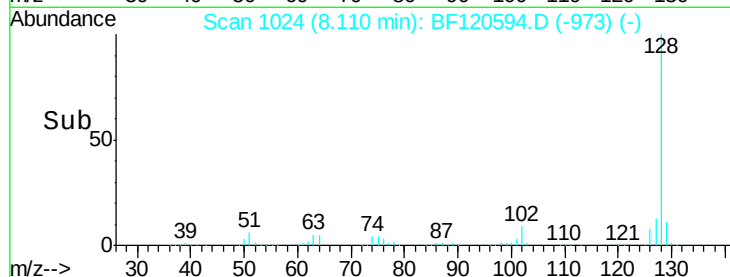
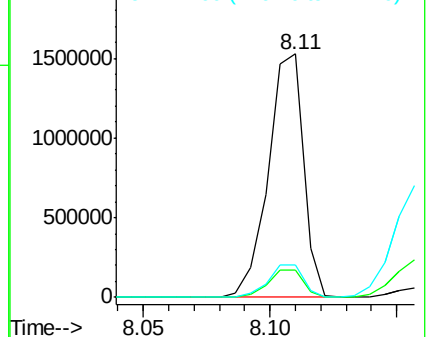
127 13.4 10.6 15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.350 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

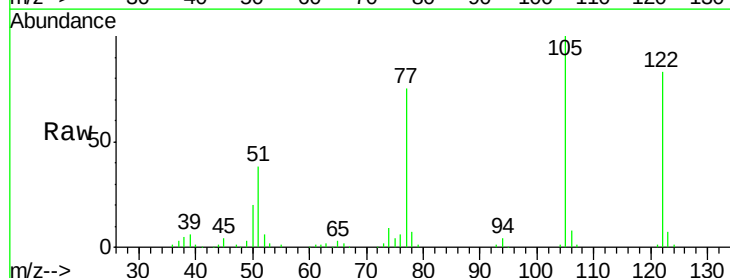
Tgt Ion:122 Resp: 334035

Ion Ratio Lower Upper

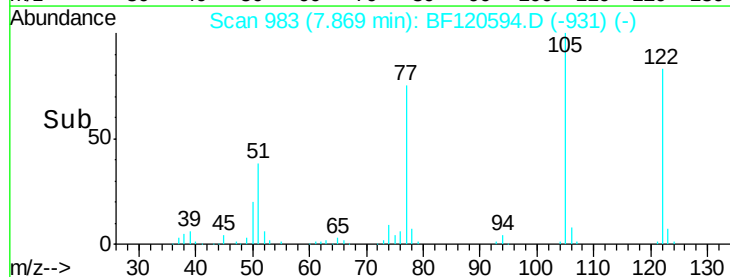
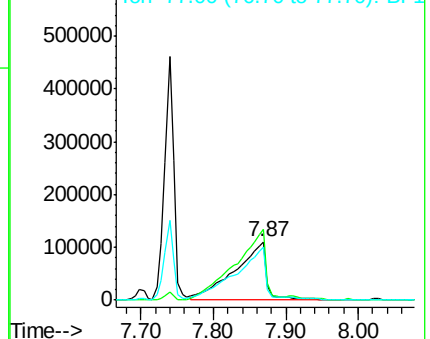
122 100

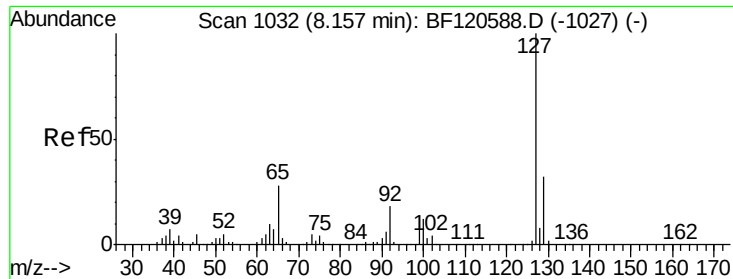
105 120.2 101.0 141.0

77 89.8 69.8 109.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





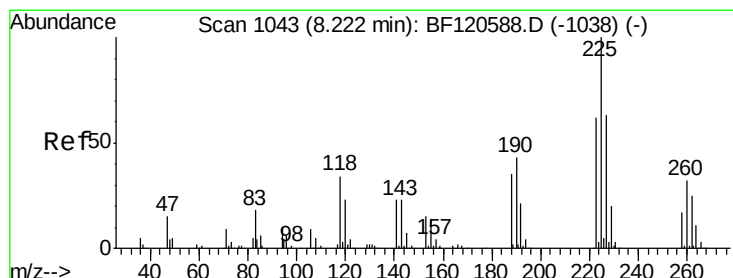
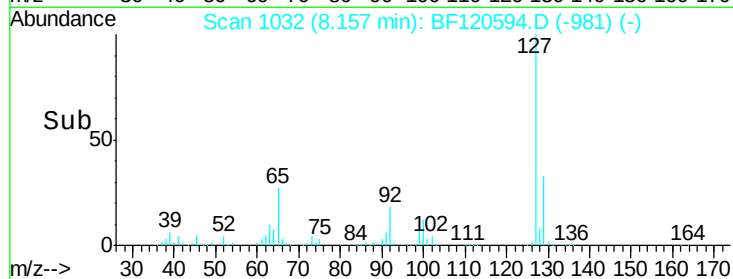
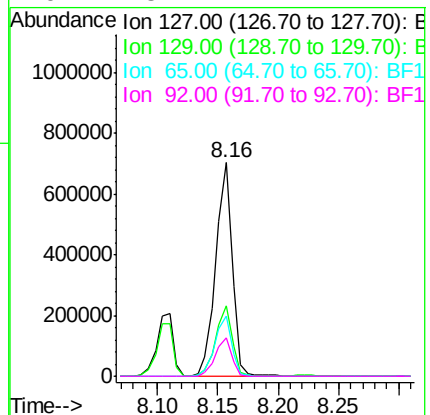
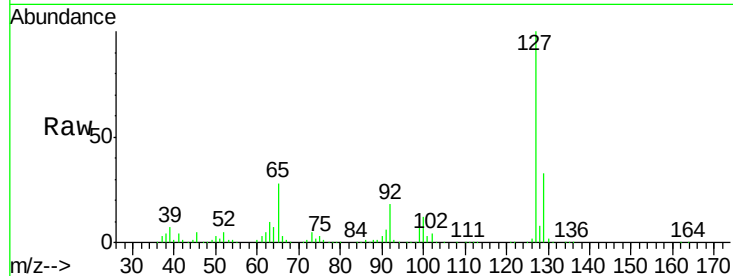
#33
4-Chloroaniline
Concen: 42.603 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		661272		
129	33.0		25.9	38.9	
65	27.9		22.2	33.4	
92	18.2		14.2	21.2	

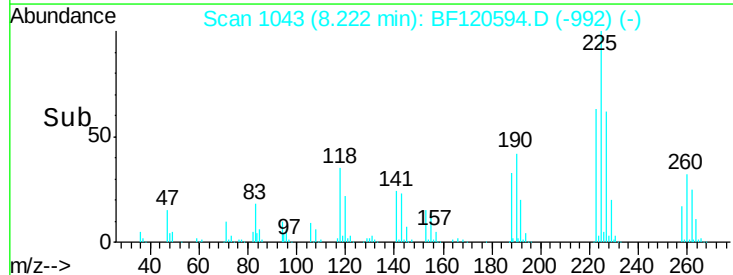
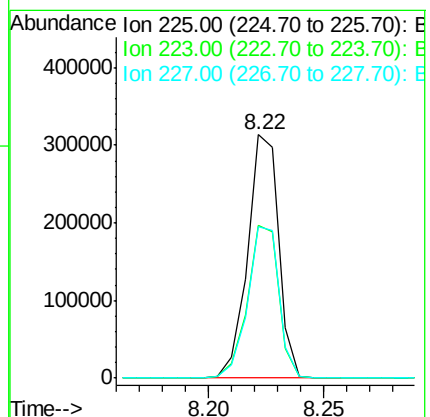
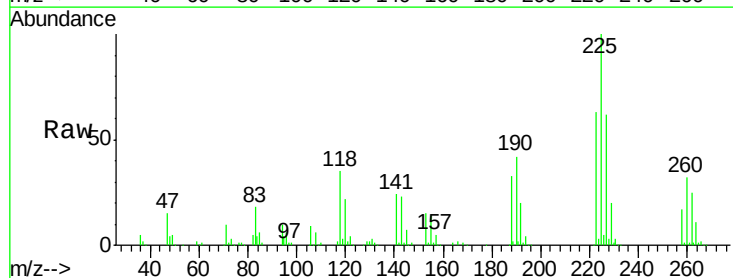
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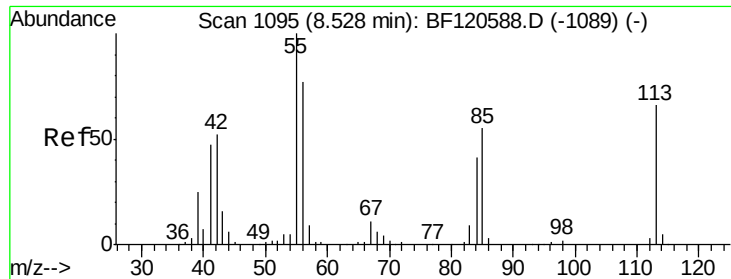
mohammad
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#34
Hexachlorobutadiene
Concen: 44.783 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		295332		
223	62.7		49.9	74.9	
227	62.1		50.5	75.7	





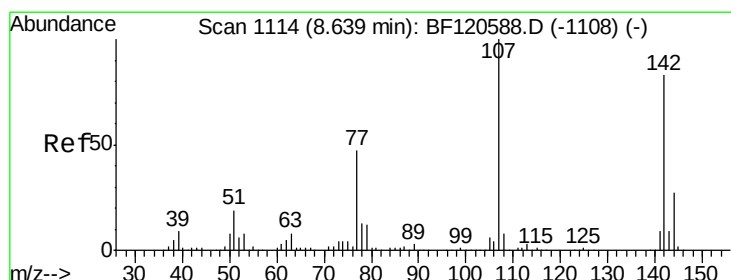
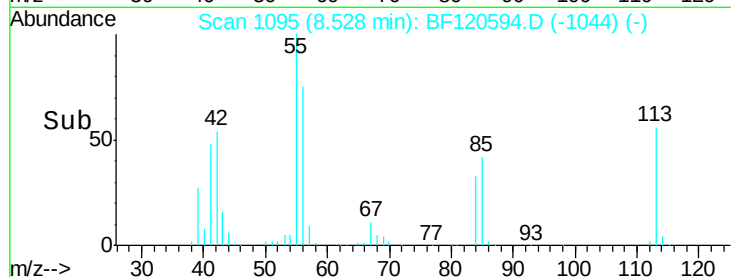
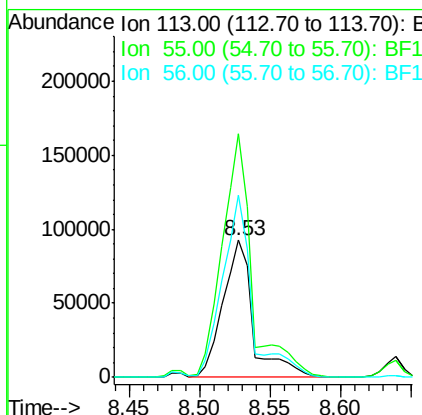
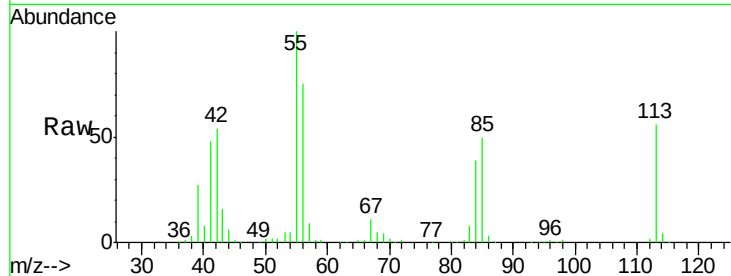
#35
 Caprolactam
 Concen: 42.235 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.0	133.1	173.1#
56	133.3	98.4	138.4

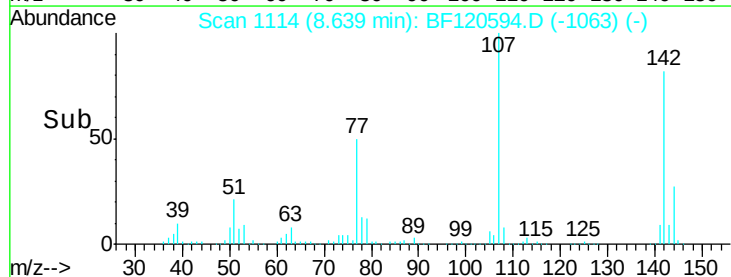
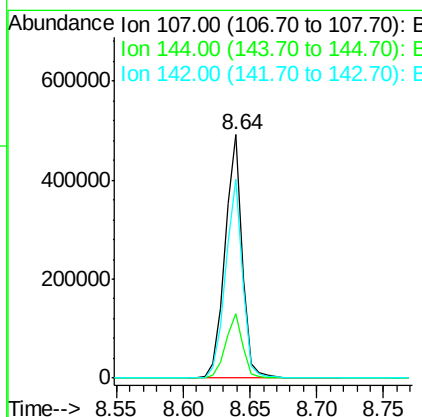
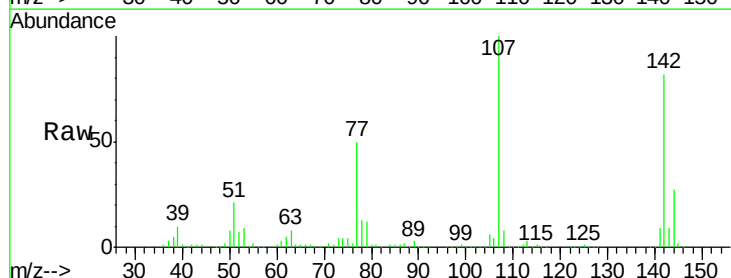
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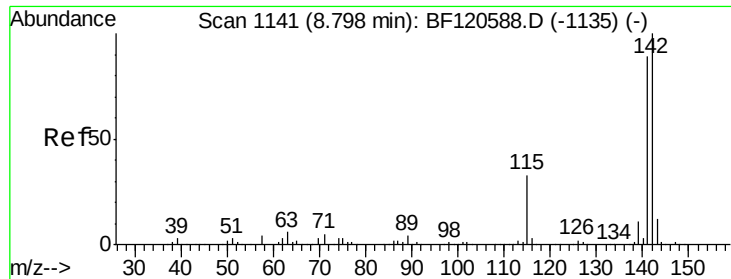
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#36
 4-Chloro-3-methylphenol
 Concen: 43.902 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.4	32.2
142	81.6	66.3	99.5





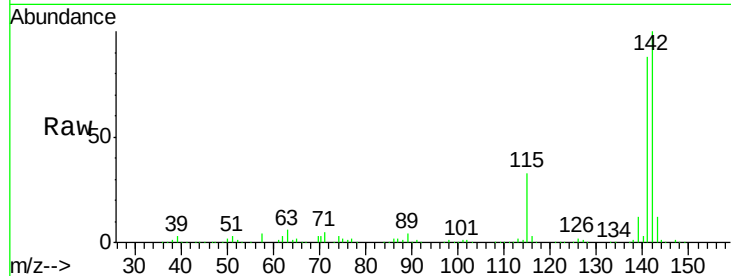
#37
2-Methylnaphthalene
Concen: 43.421 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

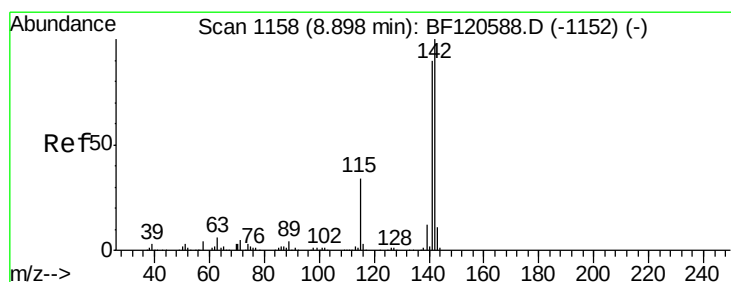
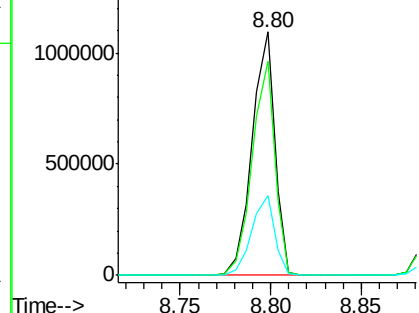
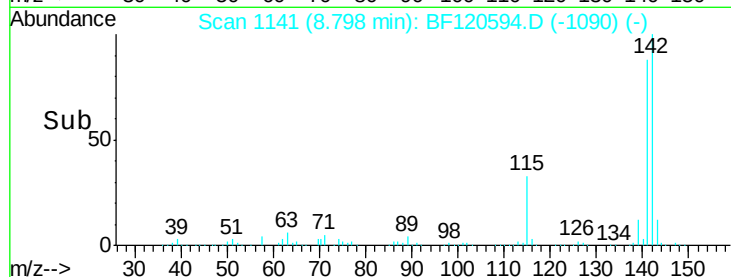
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	32.8	26.1	39.1

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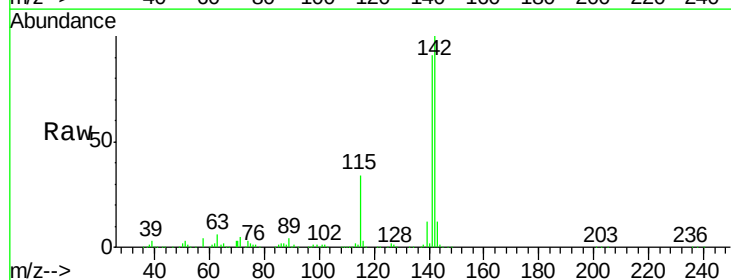


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

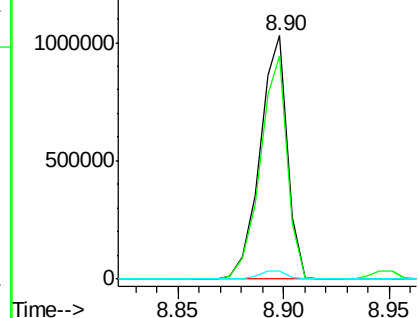
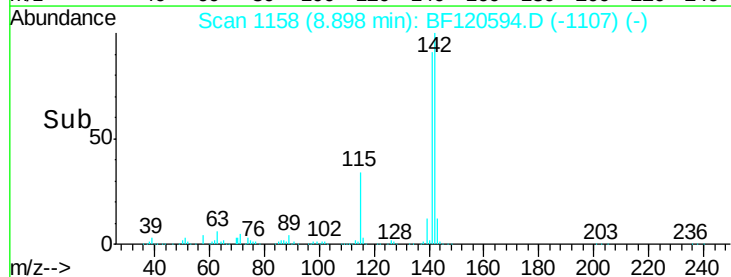


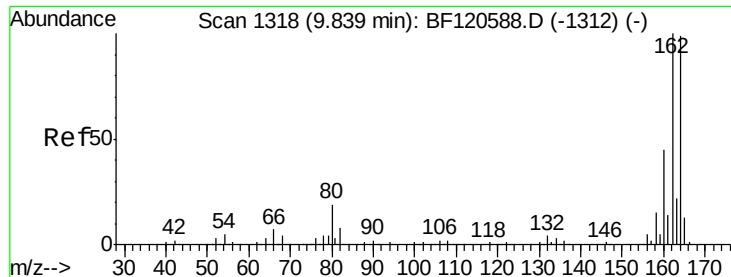
#38
1-Methylnaphthalene
Concen: 44.730 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.1	108.1
116	3.4	2.7	4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

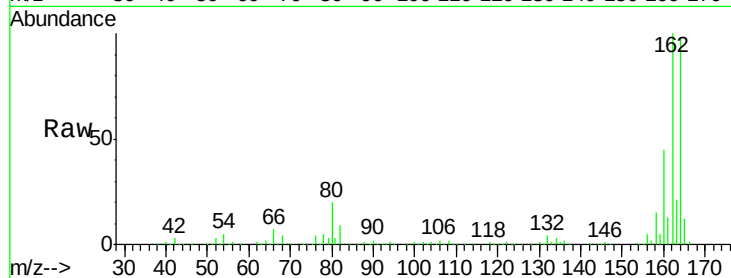
ClientSampleId :

ICVBF061020

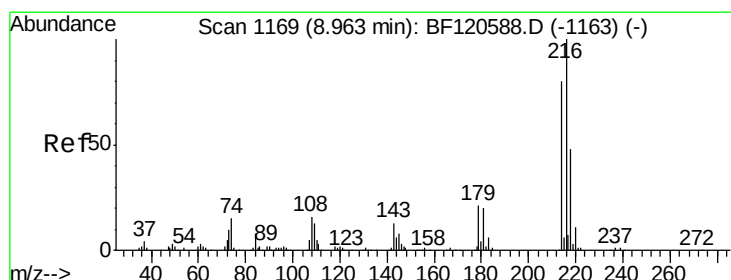
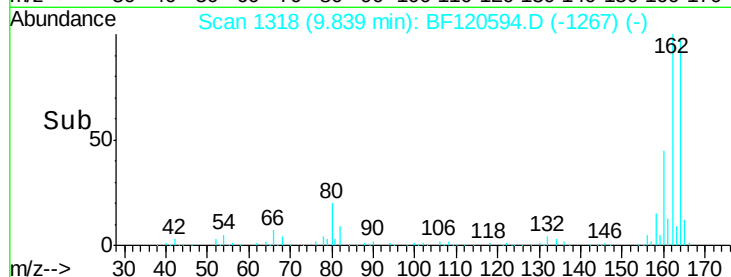
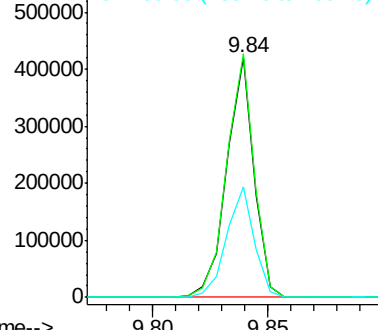
Tot Ion:	164	Resp:	347693
Ion Ratio	Lower	Upper	
164	100		
162	101.6	80.6	120.8
160	46.1	36.2	54.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.571 ng

RT: 8.96 min Scan# 1169

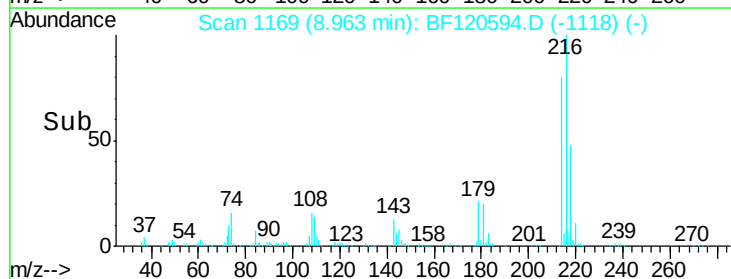
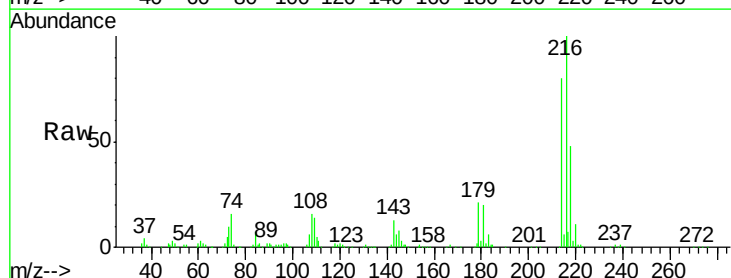
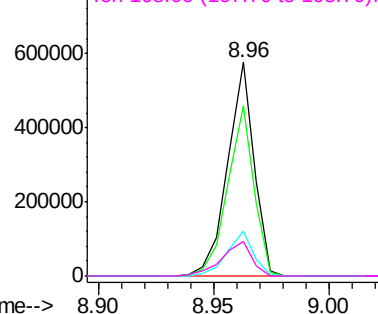
Delta R.T. 0.00 min

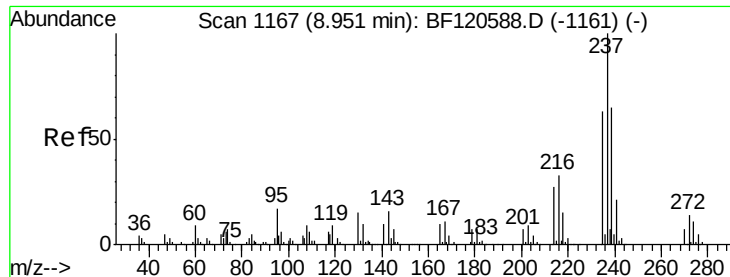
Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Tgt Ion:	216	Resp:	462724
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.6
179	20.6	16.4	24.6
108	18.3	13.8	20.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





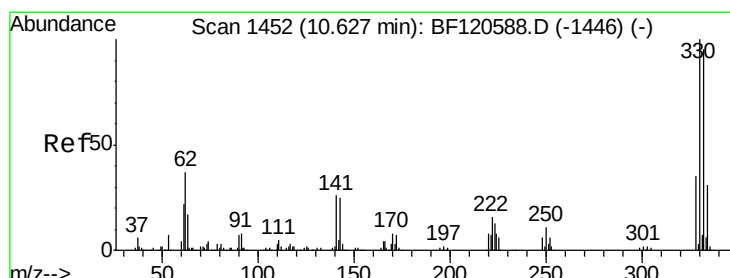
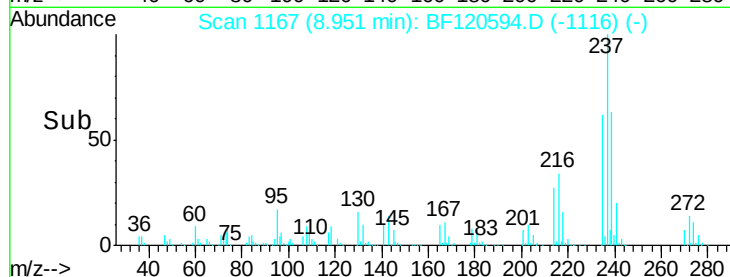
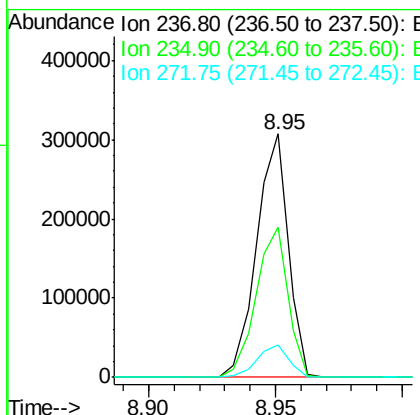
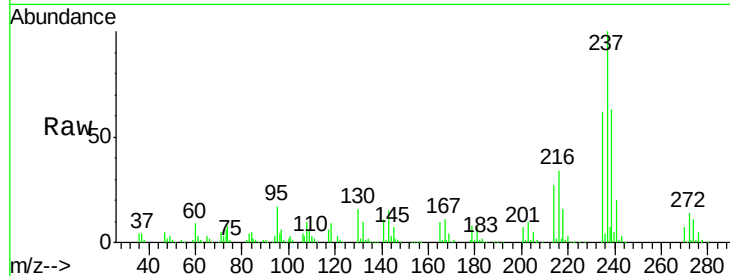
#41
Hexachlorocyclopentadiene
Concen: 46.234 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:	237	Resp:	268976
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.2	83.2
272	13.5	0.0	33.9

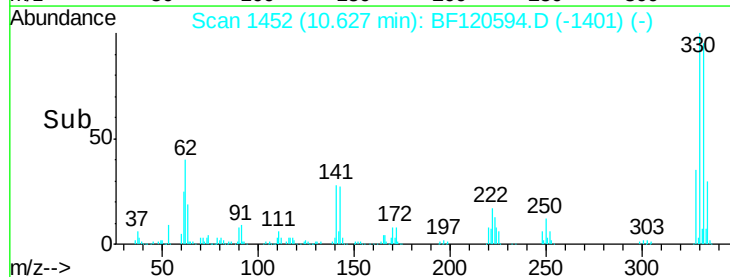
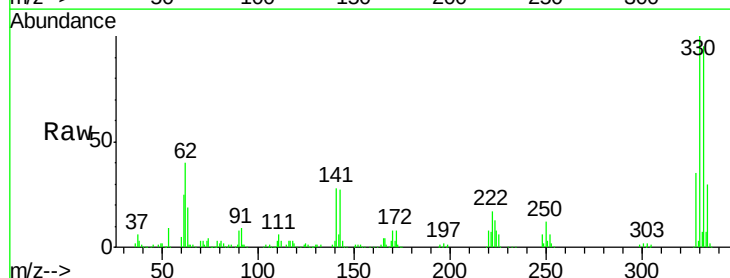
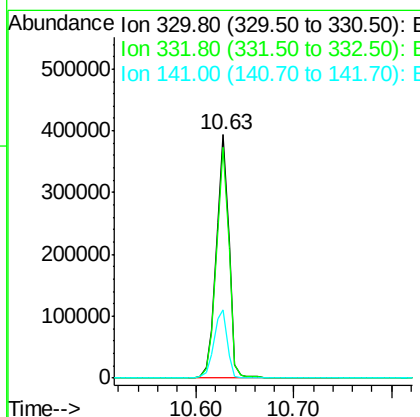
Manual Integrations
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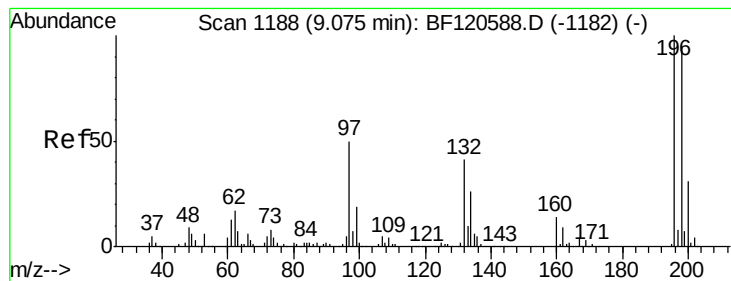
mohammad
6/11/2020 1:48:54 PM



#42
2,4,6-Tribromophenol
Concen: 87.781 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:	330	Resp:	354849
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.8	115.2
141	29.7	23.2	34.8





#43

2,4,6-Trichlorophenol

Concen: 43.805 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

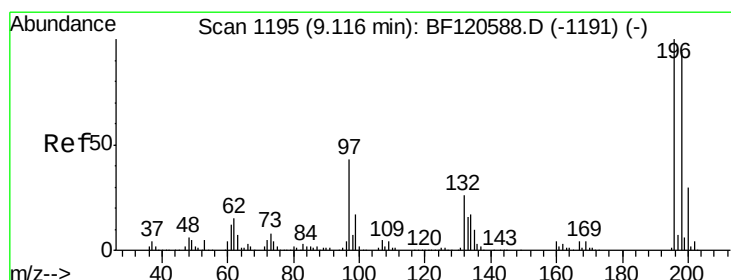
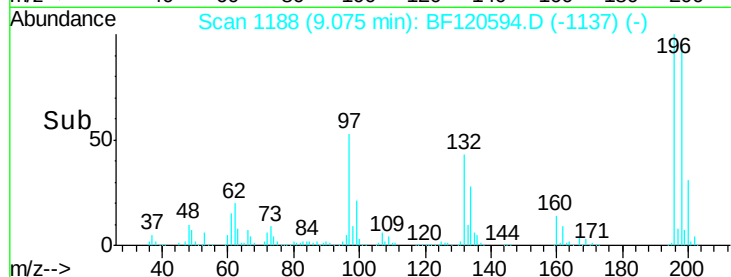
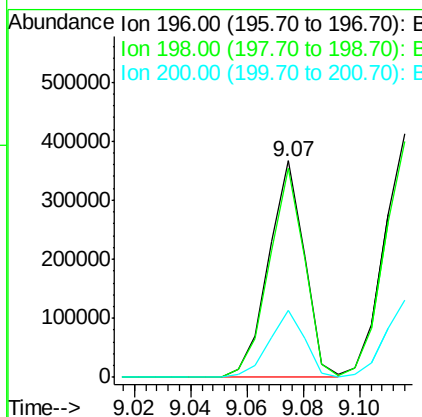
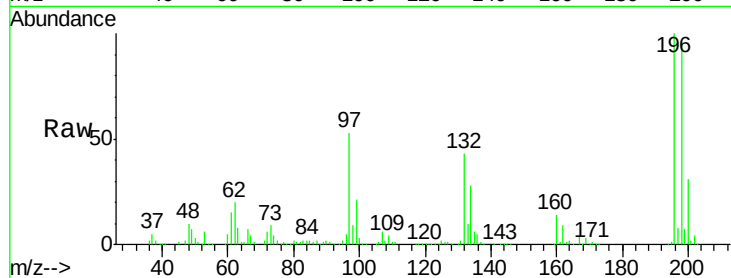
ClientSampleId :

ICVBF061020

Tot Ion:	196	Resp:	322600
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.2	114.2
200	30.9	24.6	37.0

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#44

2,4,5-Trichlorophenol

Concen: 44.018 ng

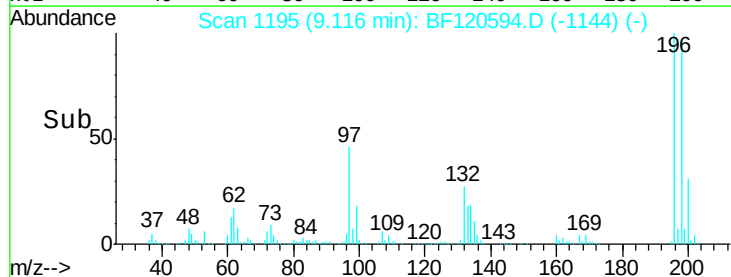
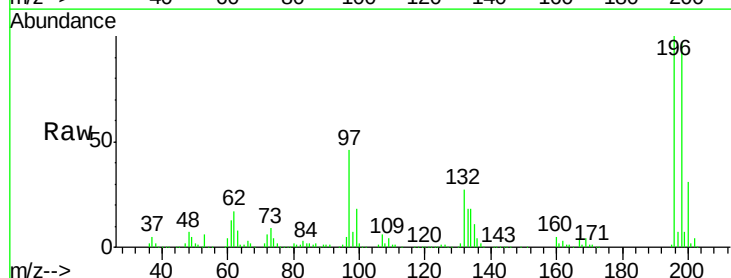
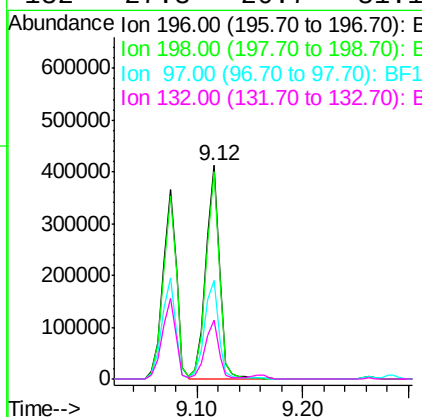
RT: 9.12 min Scan# 1195

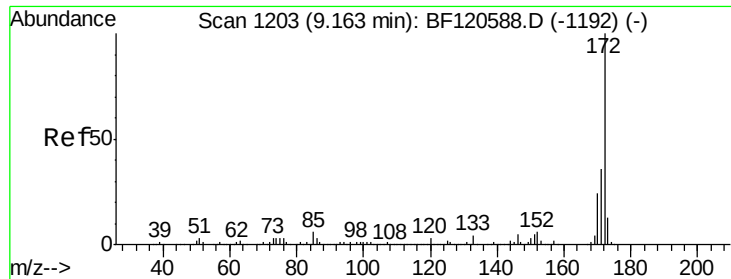
Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Tgt Ion:	196	Resp:	367777
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.5	113.3
97	46.0	34.4	51.6
132	27.3	20.7	31.1





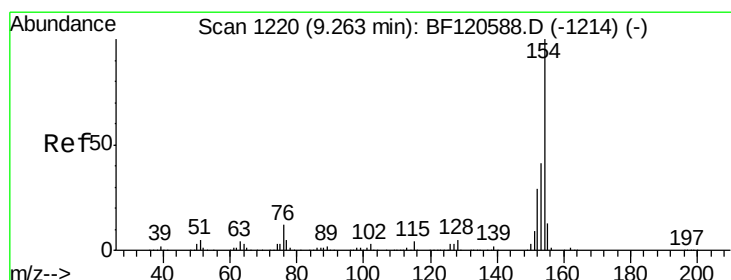
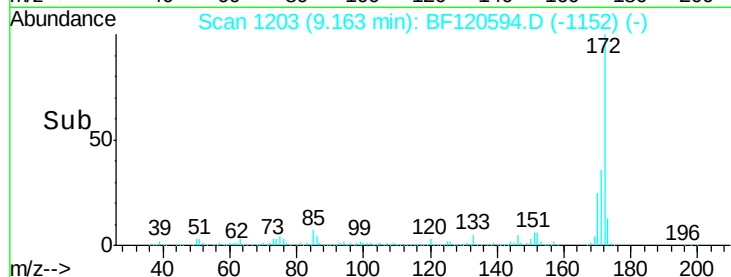
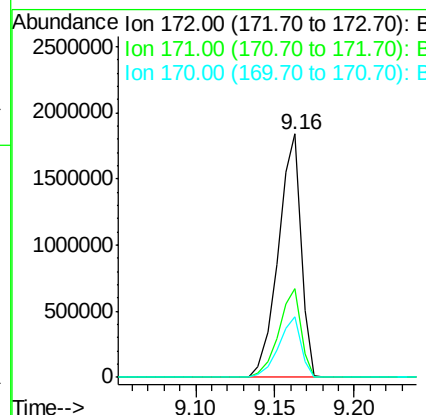
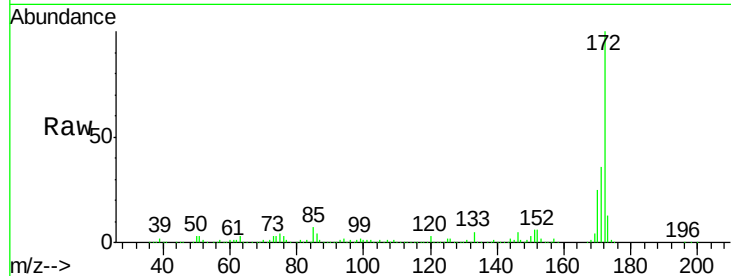
#45
2-Fluorobiphenyl
Concen: 80.615 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.7	19.4	29.2

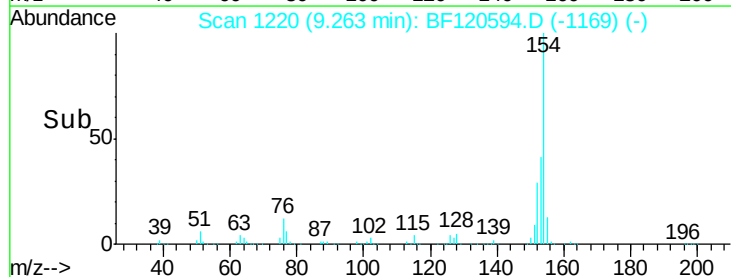
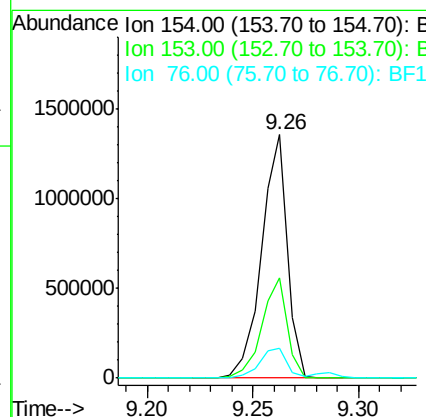
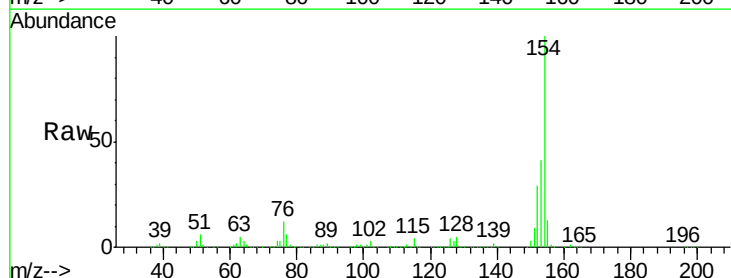
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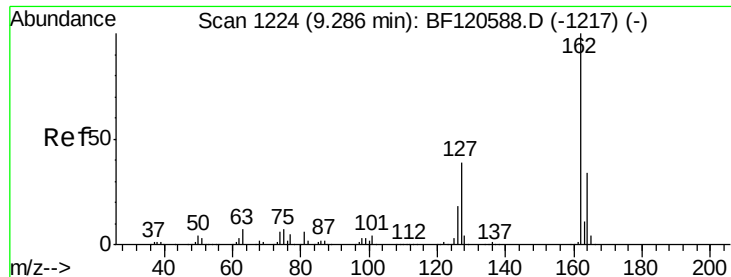
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#46
1,1'-Biphenyl
Concen: 44.402 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	12.1	0.0	31.6





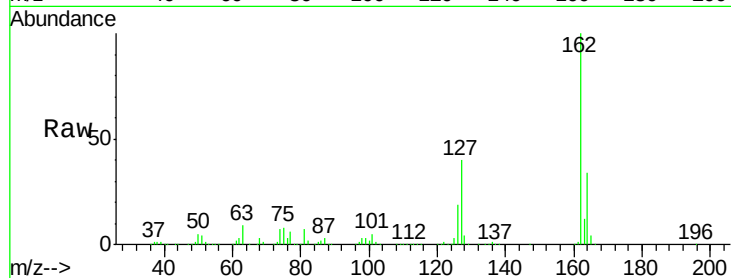
#47
2-Chloronaphthalene
Concen: 44.420 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

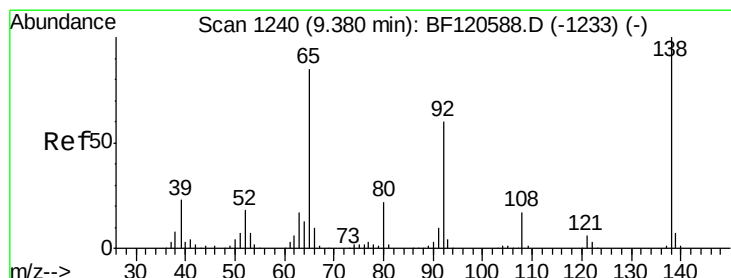
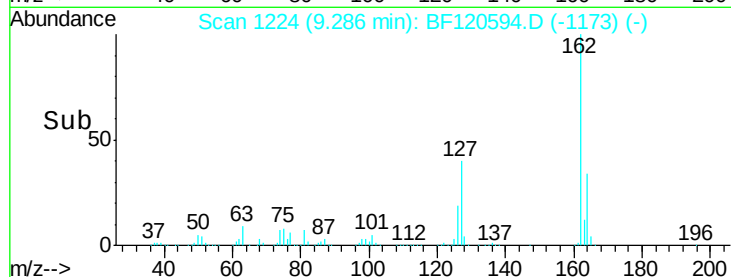
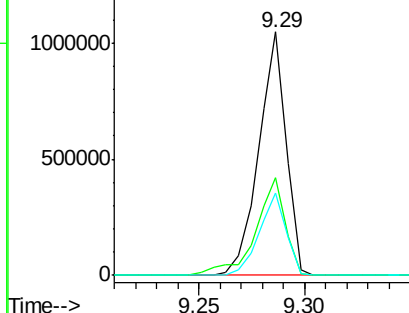
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.3	46.9
164	33.9	26.9	40.3

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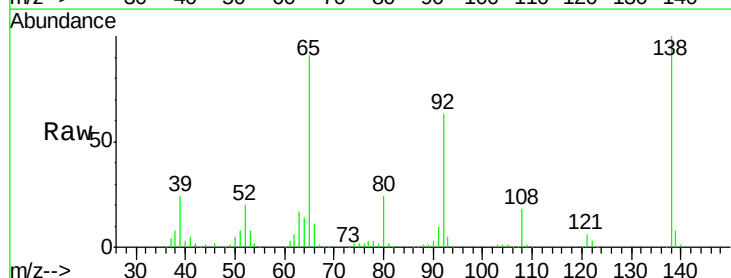


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

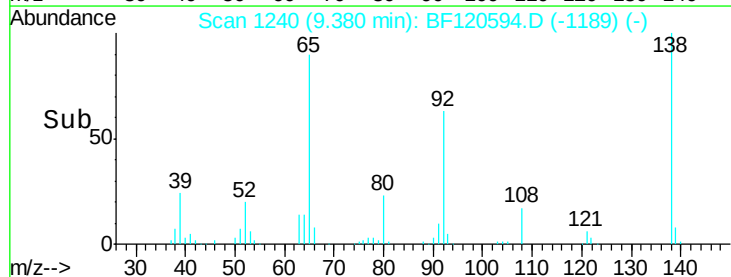
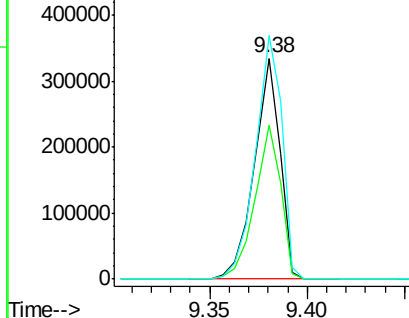


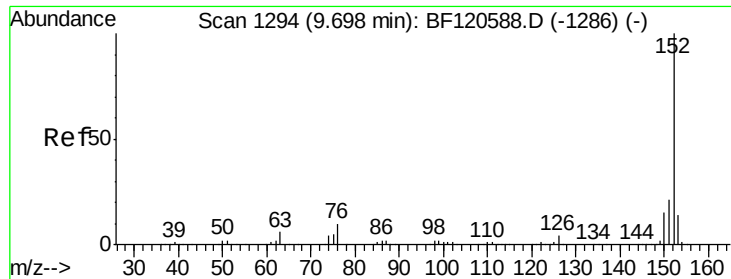
#48
2-Nitroaniline
Concen: 45.642 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	56.0	84.0
138	110.3	94.0	141.0



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





#49

Acenaphthylene

Concen: 43.661 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

Instrument :

BNA_F

ClientSampleId :

ICVBF061020

Tot Ion:152 Resp: 1430563

Ion Ratio Lower Upper

152 100

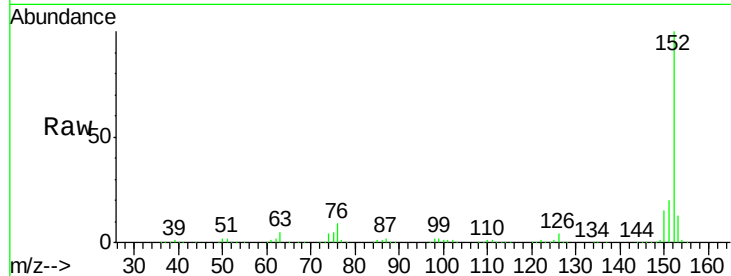
151 20.5 16.6 25.0

153 13.1 11.0 16.6

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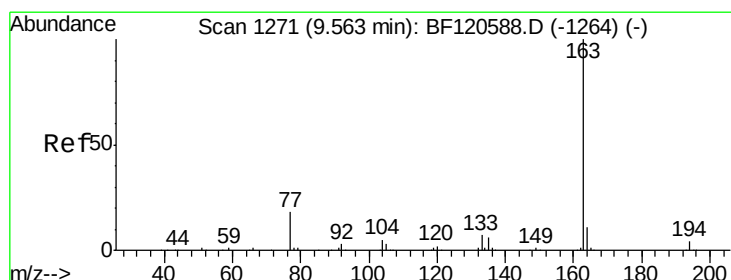
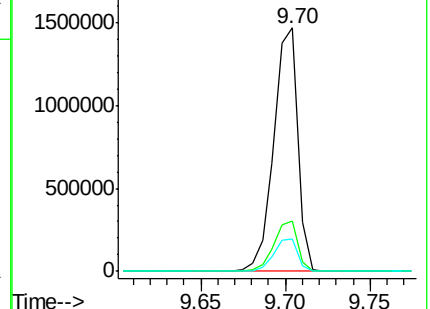
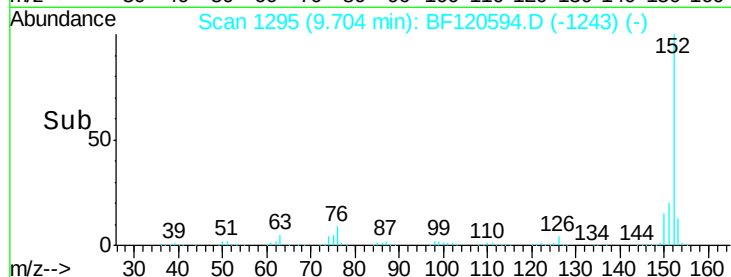
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.491 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120594.D

Acq: 10 Jun 2020 17:56

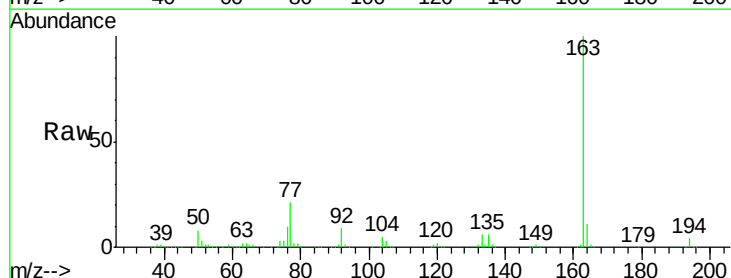
Tgt Ion:163 Resp: 1114101

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

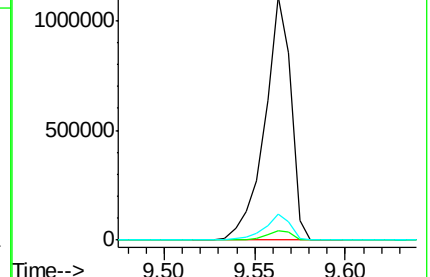
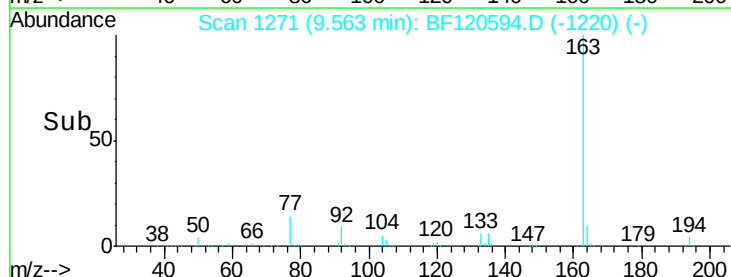
164 10.5 8.5 12.7

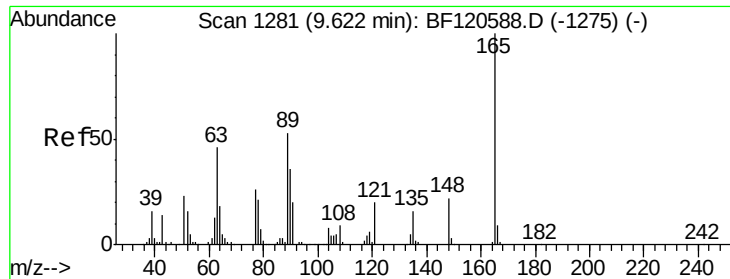


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





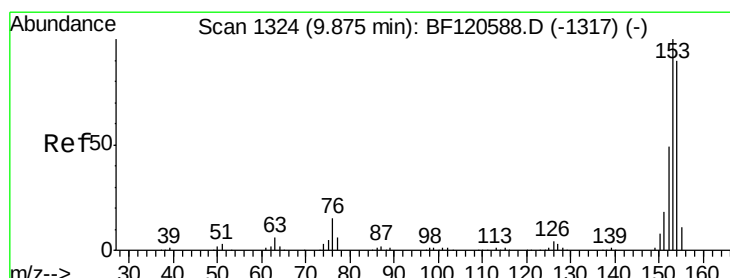
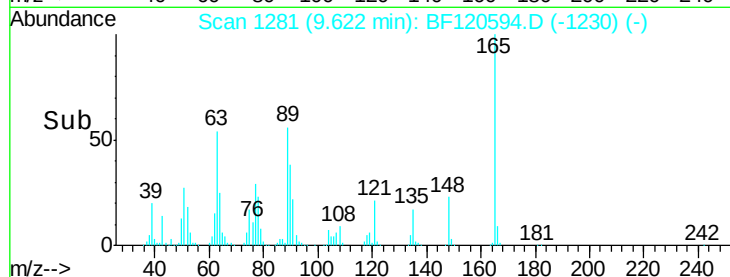
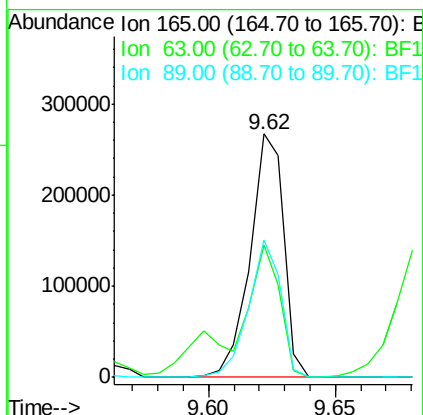
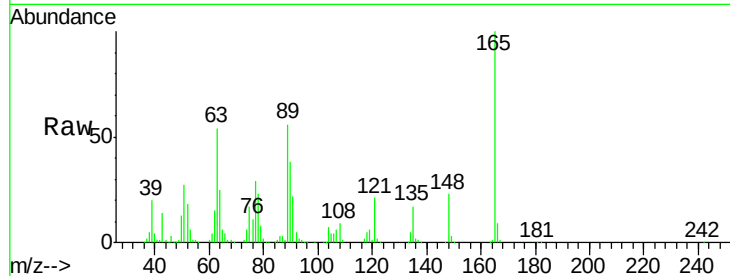
#51
2,6-Dinitrotoluene
Concen: 43.400 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	246296		
63	54.2	41.7	62.5	
89	56.2	42.6	64.0	

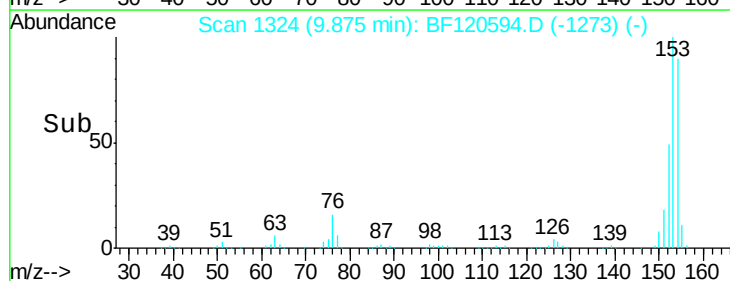
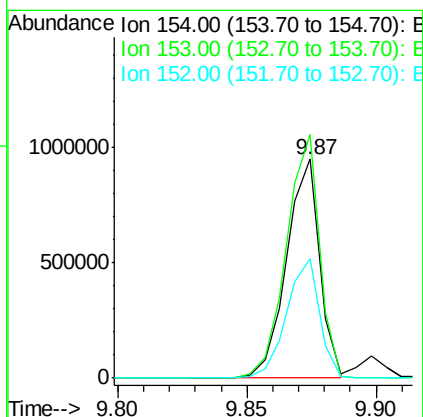
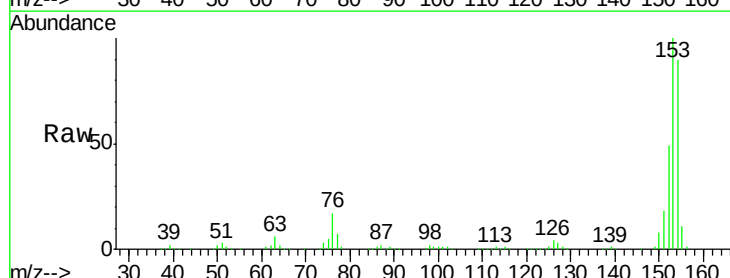
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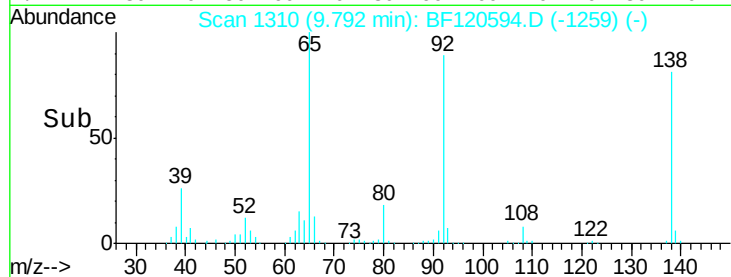
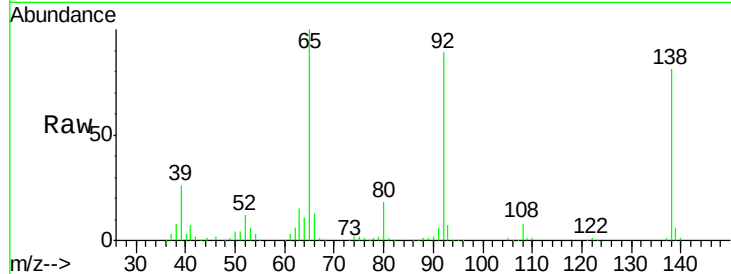
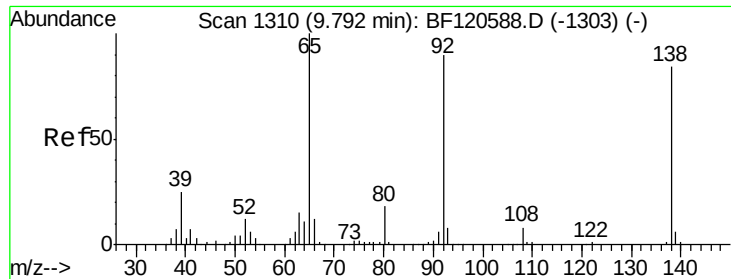
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#52
Acenaphthene
Concen: 43.153 ng m
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	843265		
153	111.1	89.1	133.7	
152	54.5	43.7	65.5	





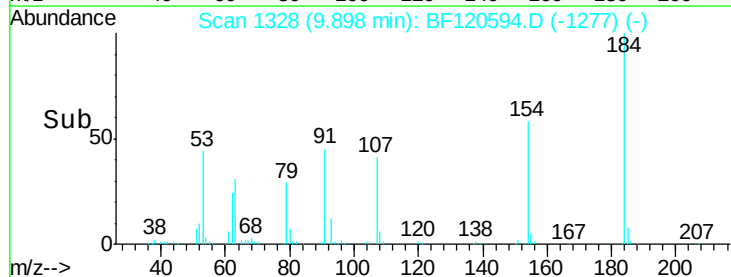
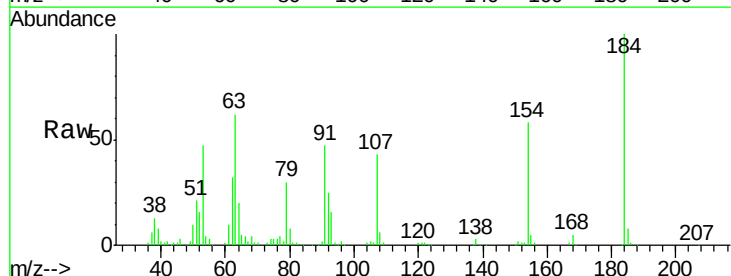
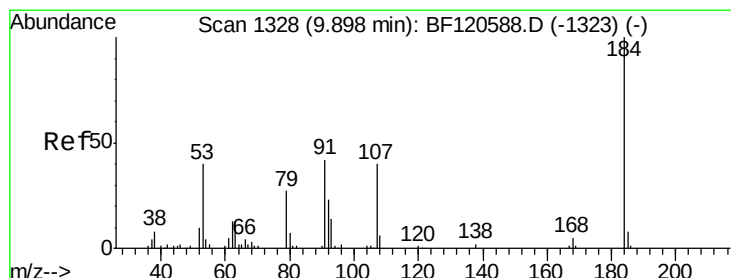
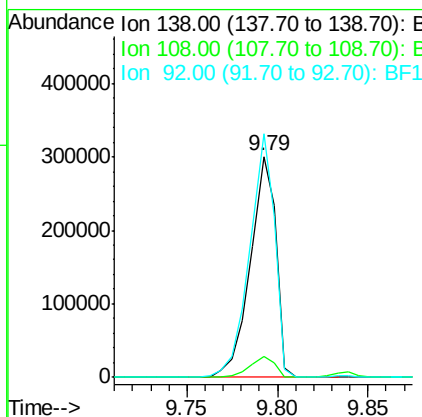
#53
3-Nitroaniline
Concen: 43.592 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tot Ion	Ratio	Resp	Lower	Upper
138	100	297128		
108	9.4	8.0	12.0	
92	110.1	86.0	129.0	

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

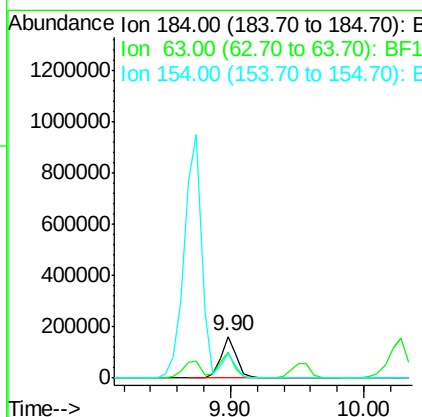
Manual Integrations
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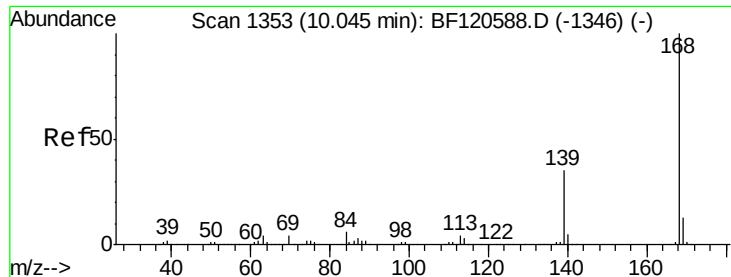
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#54
2,4-Dinitrophenol
Concen: 42.761 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	137424		
63	62.2	44.2	66.2	
154	58.1	45.9	68.9	





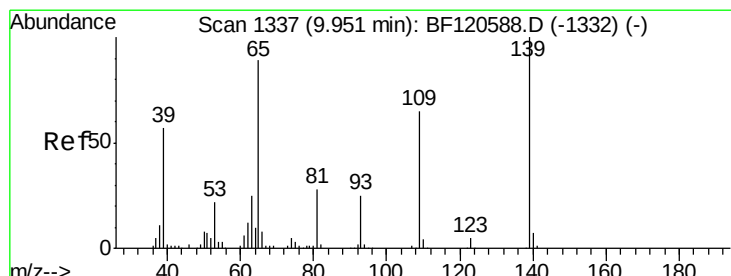
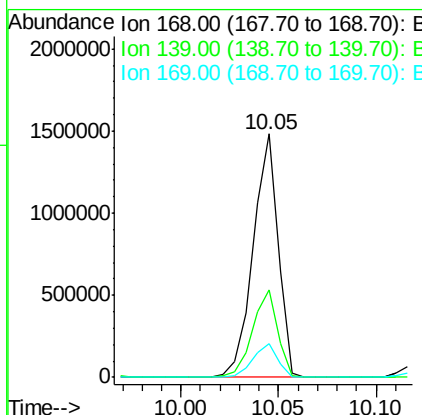
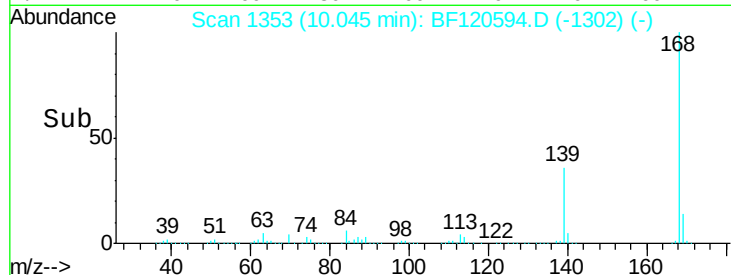
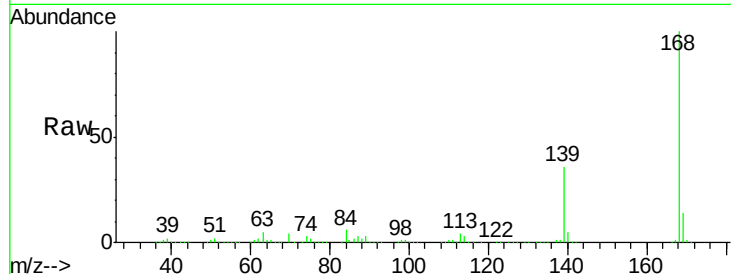
#55
Dibenzenofuran
Concen: 43.819 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot	Ion:168	Resp:	1312958
Ion	Ratio	Lower	Upper
168	100		
139	35.7	28.1	42.1
169	13.8	10.6	16.0

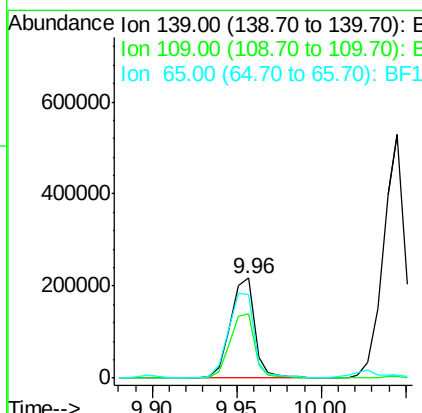
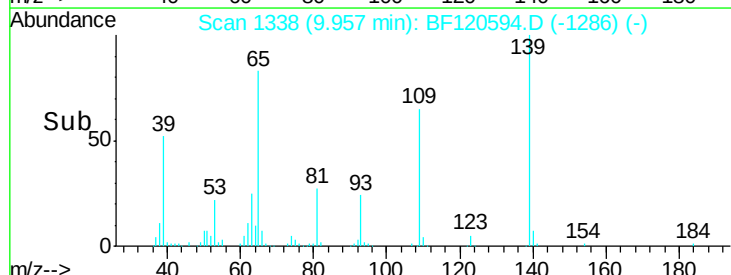
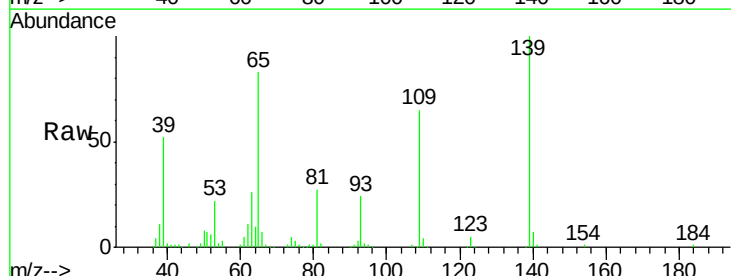
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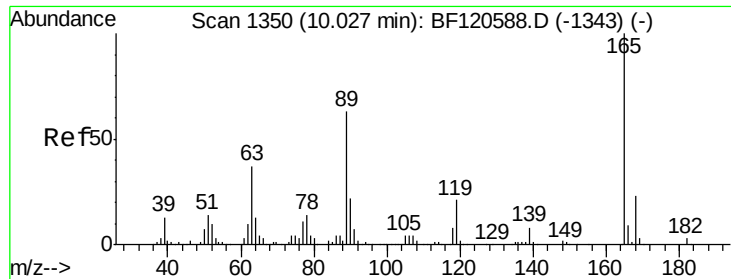
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#56
4-Nitrophenol
Concen: 42.544 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt	Ion:139	Resp:	218404
Ion	Ratio	Lower	Upper
139	100		
109	65.0	44.6	84.6
65	83.4	69.2	109.2





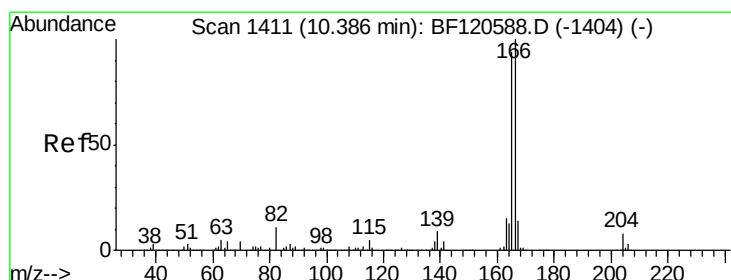
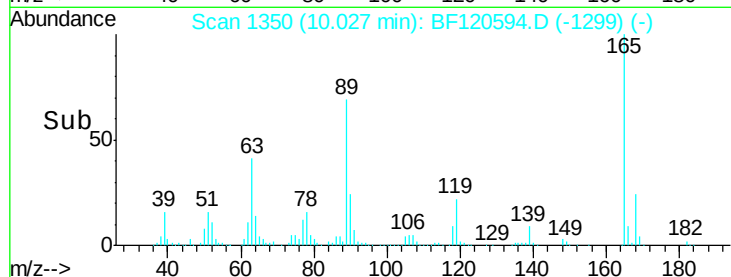
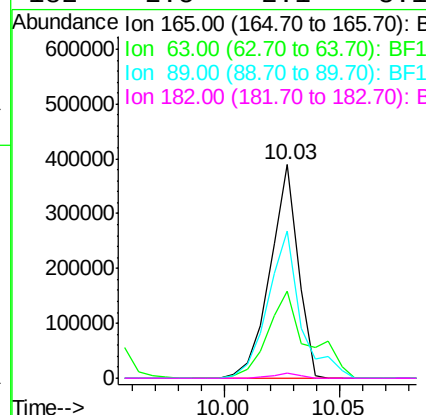
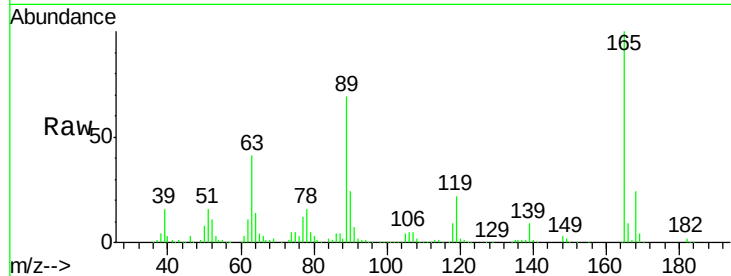
#57
2,4-Dinitrotoluene
Concen: 43.767 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		329584		
63	40.7	29.8	44.8		
89	69.1	50.4	75.6		
182	2.5	2.1	3.1		

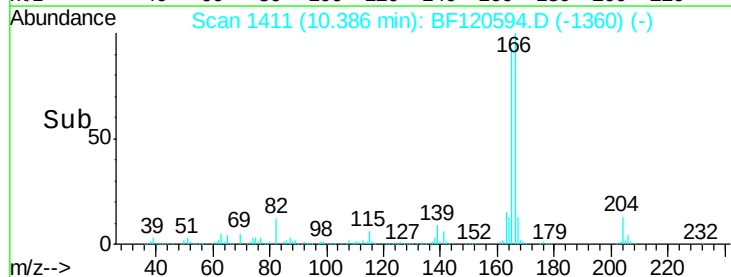
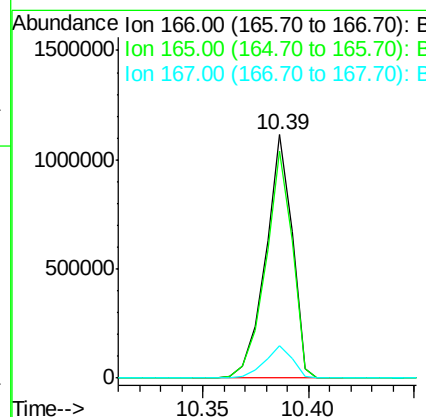
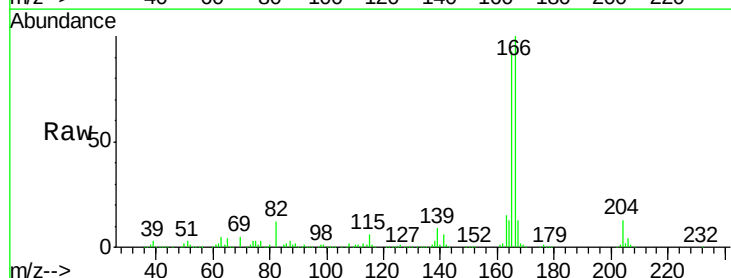
Manual Integrations
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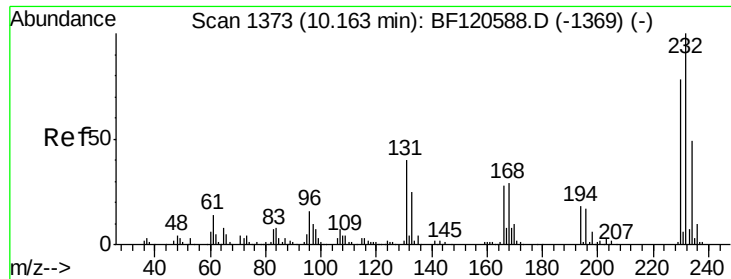
mohammad
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#58
Fluorene
Concen: 42.210 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		974987		
165	93.4	75.0	112.6		
167	13.4	11.0	16.4		





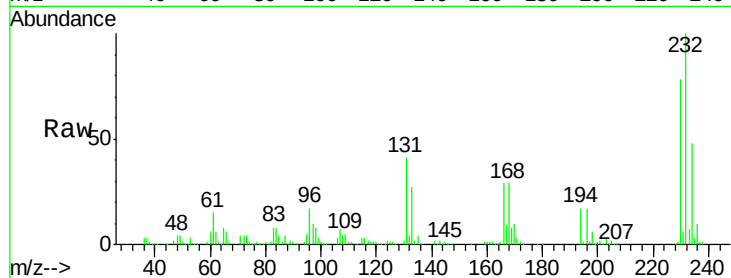
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.908 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

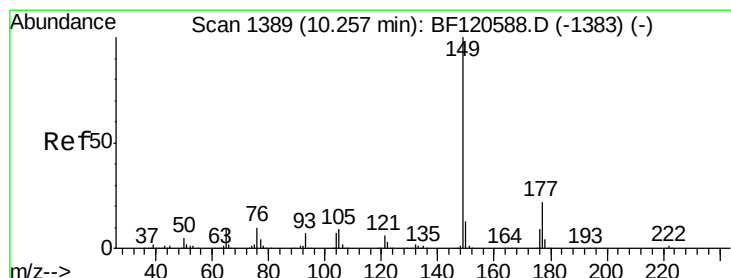
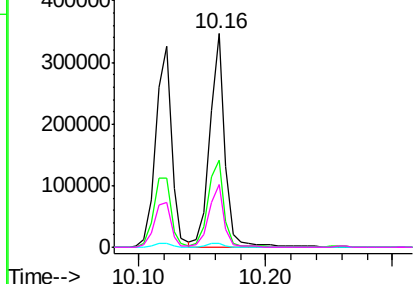
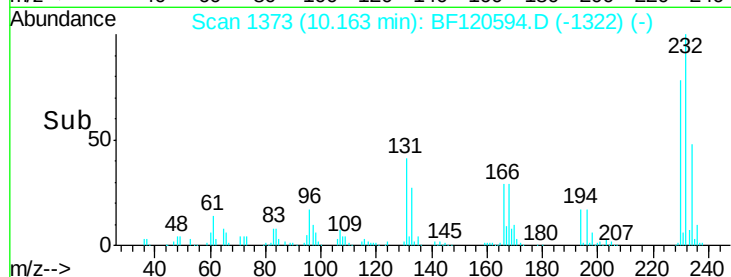
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.5	50.3
130	2.0	1.5	2.3
166	29.1	23.4	35.0

Manual Integrations
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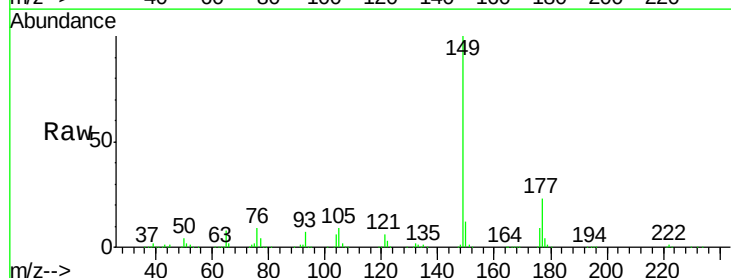


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

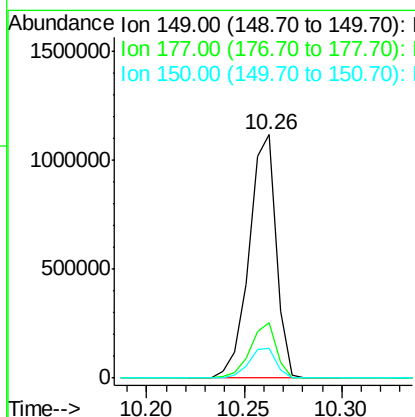
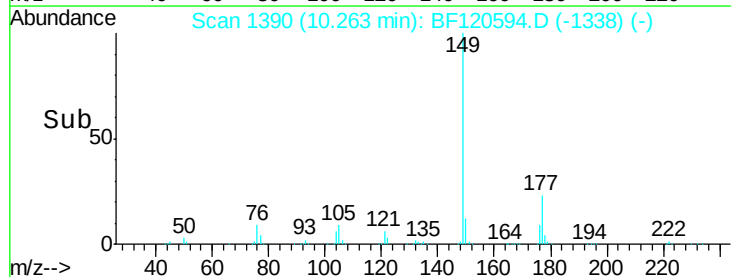


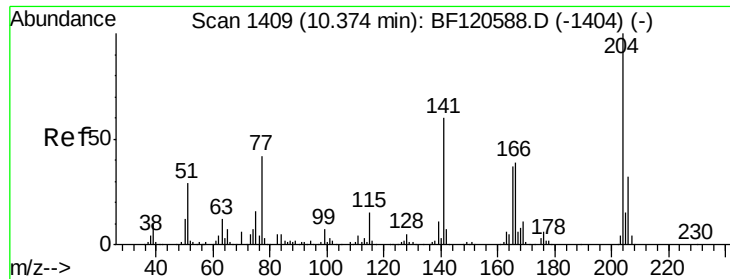
#60
 Diethylphthalate
 Concen: 43.637 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.3	25.9
150	12.4	10.3	15.5



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





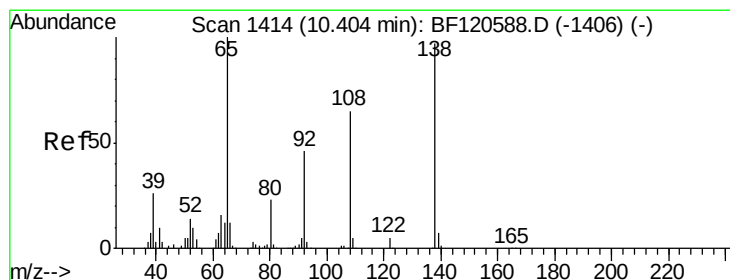
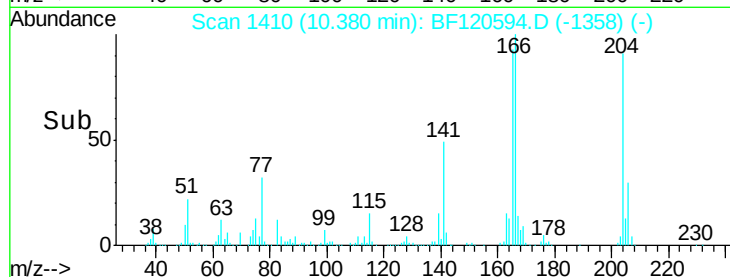
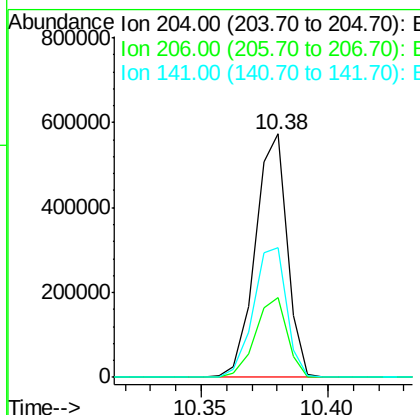
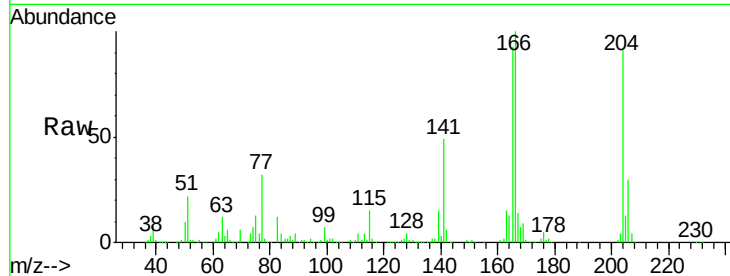
#61
4-Chlorophenyl-phenylether
Concen: 42.339 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	53.5	47.6	71.4

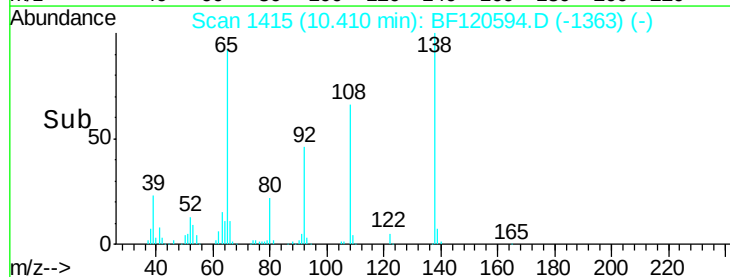
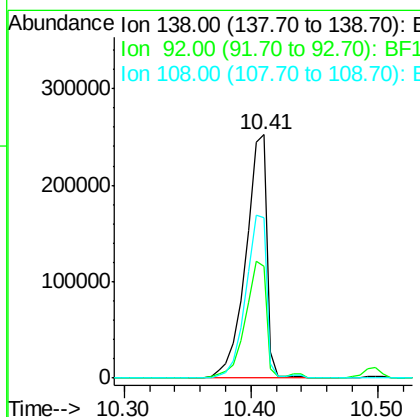
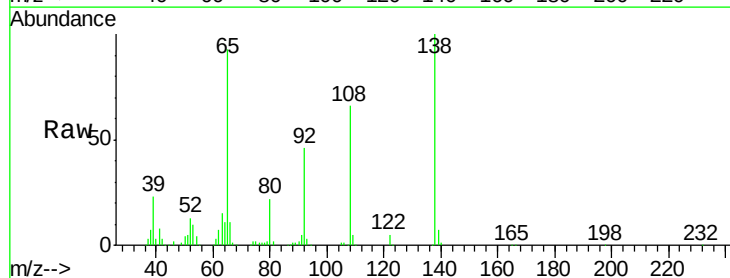
Manual Integrations
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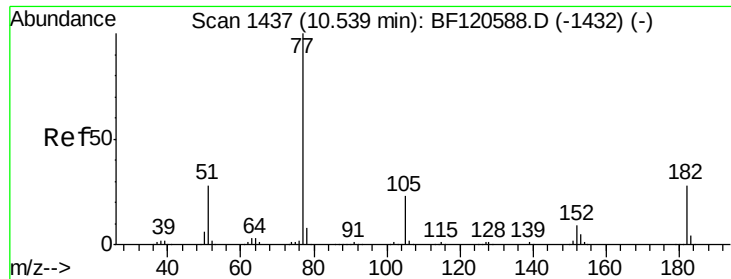
mohammad
6/11/2020 1:48:54 PM



#62
4-Nitroaniline
Concen: 43.334 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	27.3	67.3
108	65.9	47.4	87.4





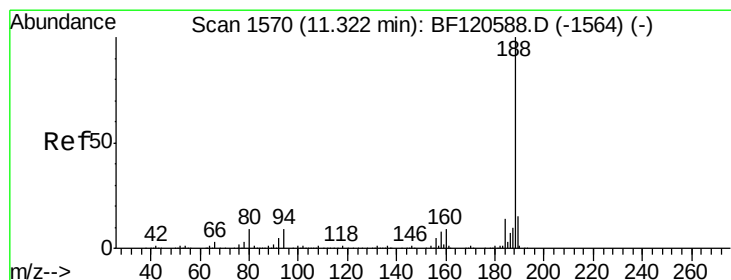
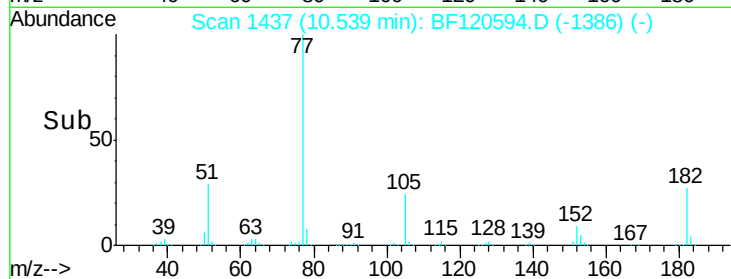
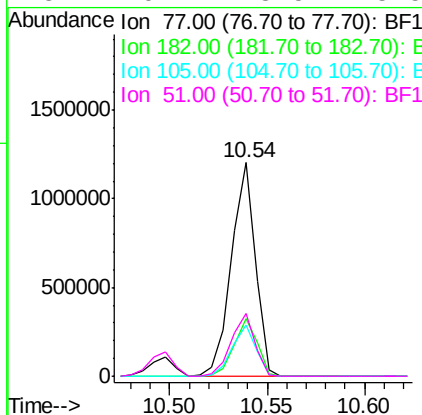
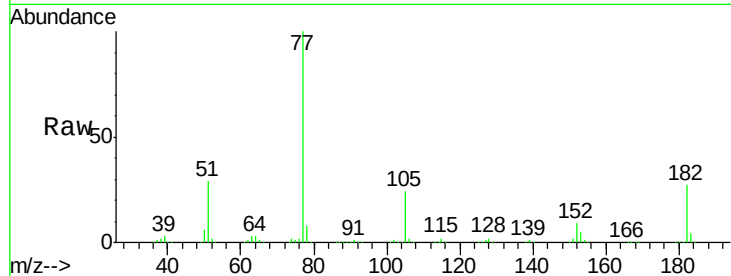
#63
Azobenzene
Concen: 45.969 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.7	47.7
105	24.1	3.2	43.2
51	29.4	8.5	48.5

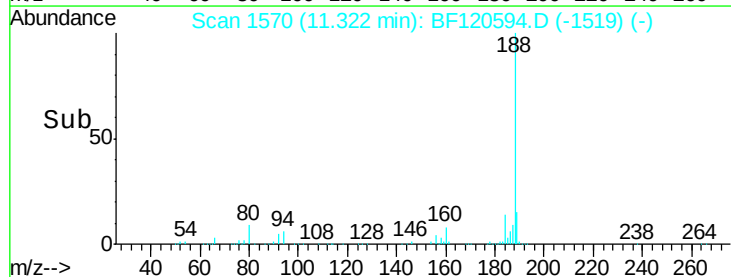
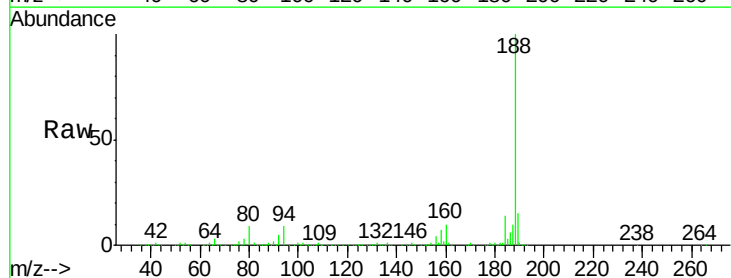
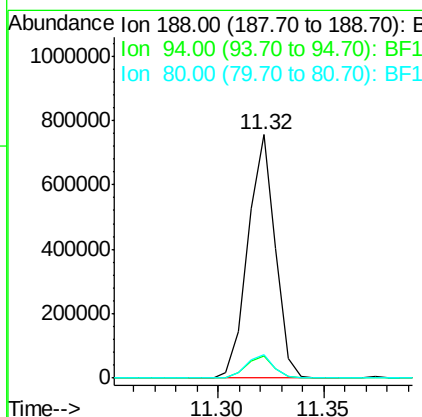
Manual Integrations
APPROVED

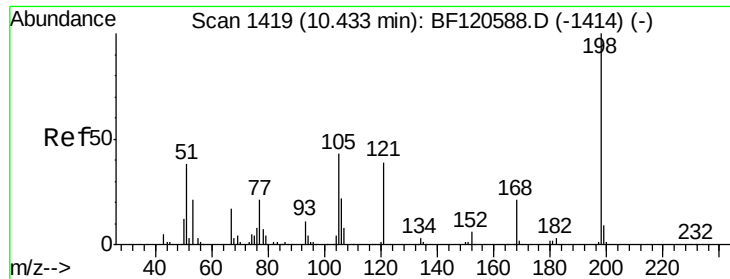
mohammad
6/11/2020 1:48:54 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.5	7.4	11.2





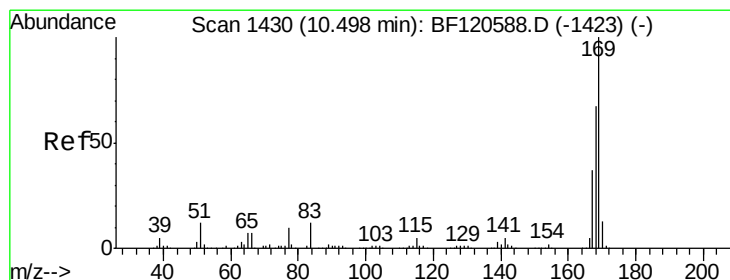
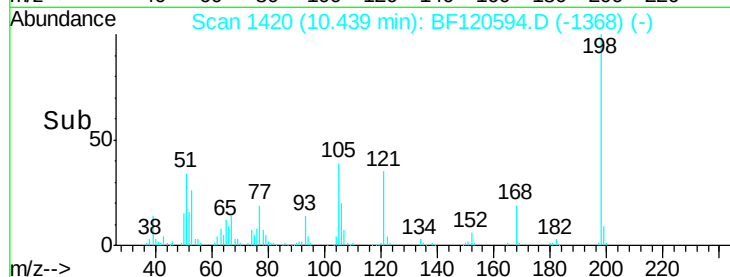
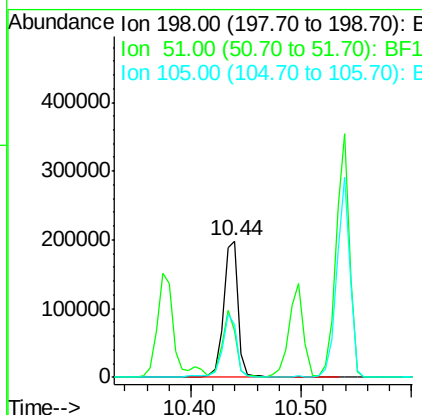
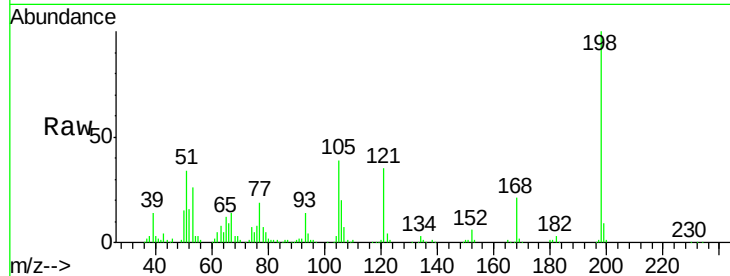
#65
4,6-Dinitro-2-methylphenol
Concen: 45.089 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Resp	Lower	Upper
198	100	182820		
51	34.3	24.8	64.8	
105	38.8	23.9	63.9	

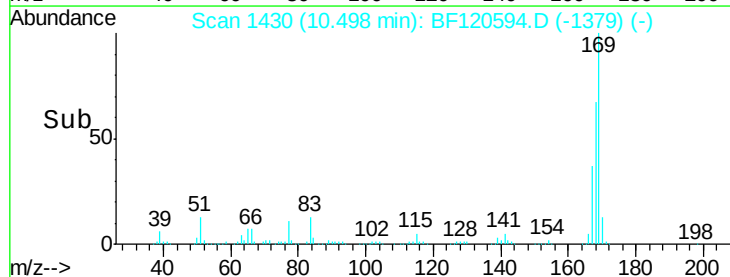
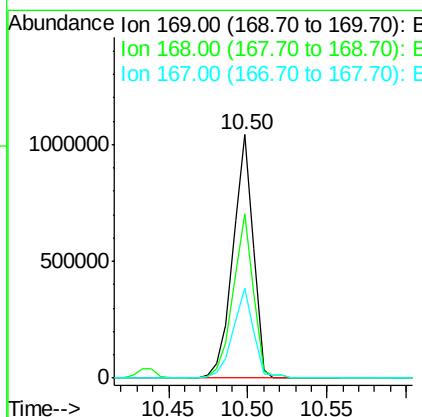
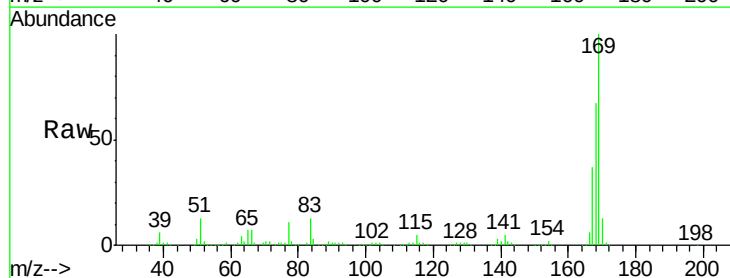
Manual Integrations
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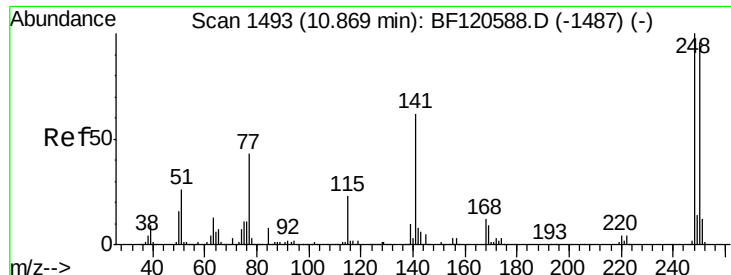
mohammad
6/11/2020 1:48:54 PM



#66
n-Nitrosodiphenylamine
Concen: 44.516 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	923761		
168	67.3	53.7	80.5	
167	37.0	29.9	44.9	





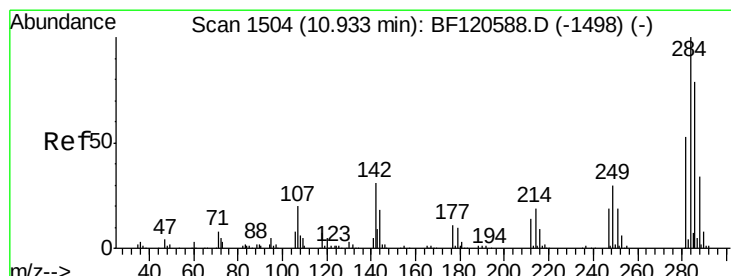
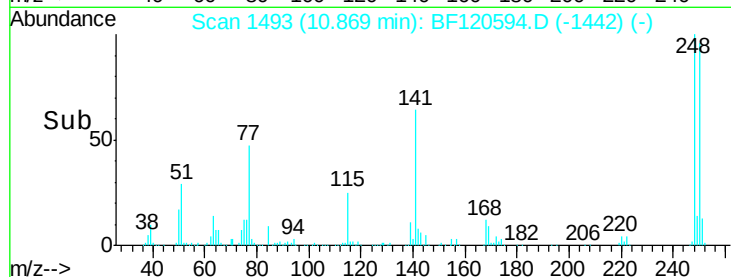
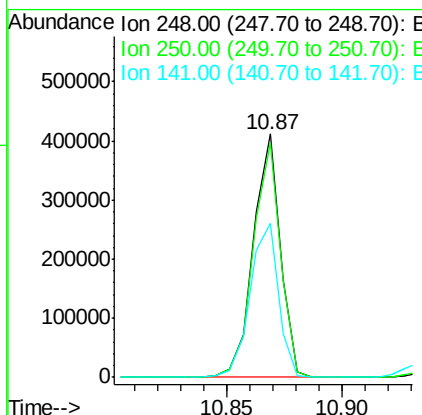
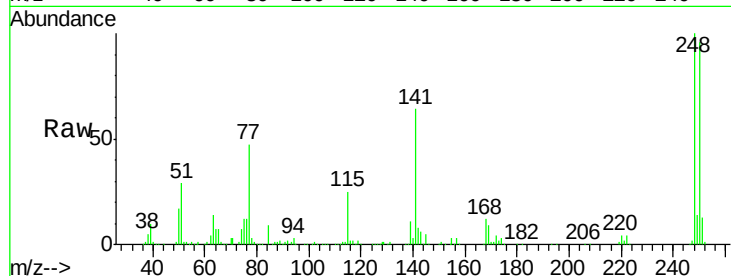
#67
 4-Bromophenyl-phenylether
 Concen: 43.916 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.7	115.1
141	63.5	49.4	74.0

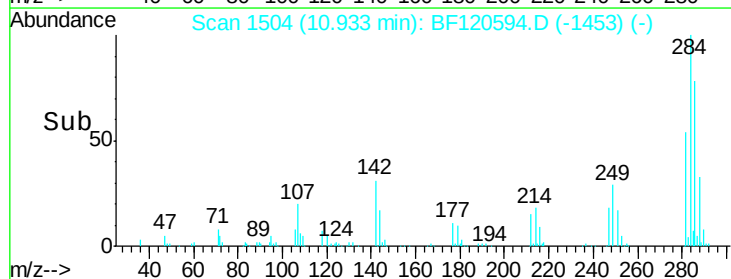
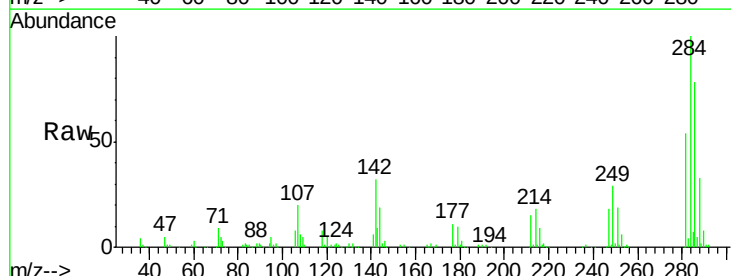
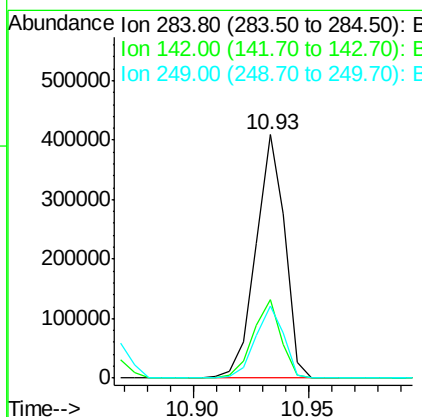
Manual Integrations
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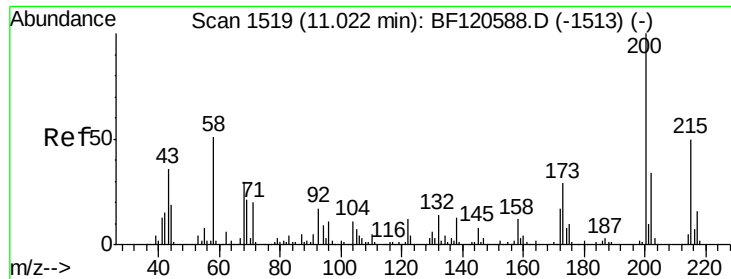
mohammad
 6/11/2020 1:48:54 PM



#68
 Hexachlorobenzene
 Concen: 43.312 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.1	37.7
249	29.4	24.0	36.0





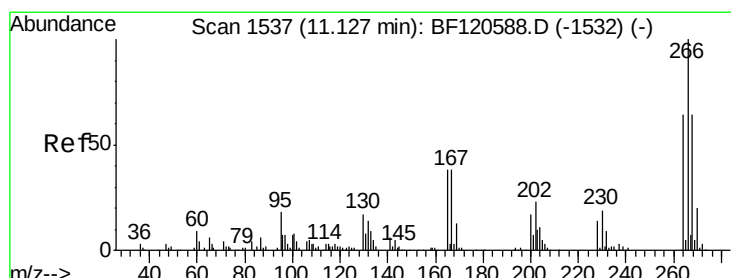
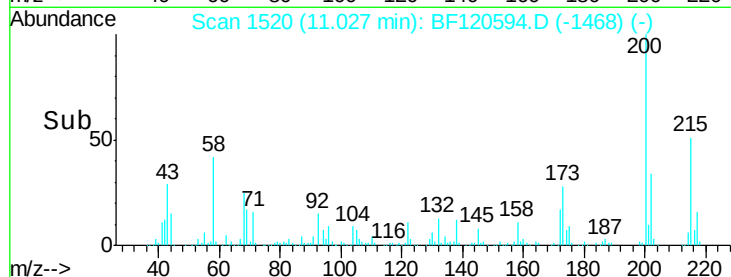
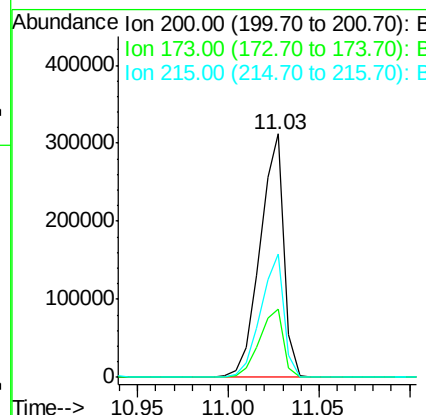
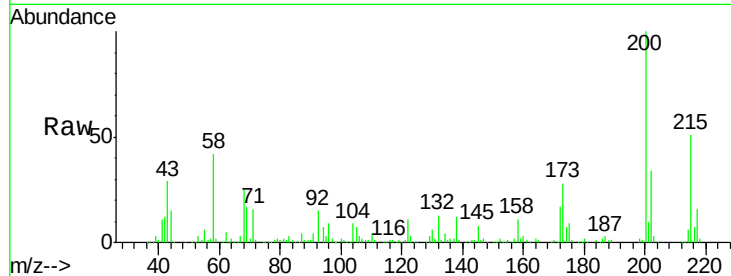
#69
Atrazine
Concen: 44.189 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	9.1	49.1
215	50.9	29.8	69.8

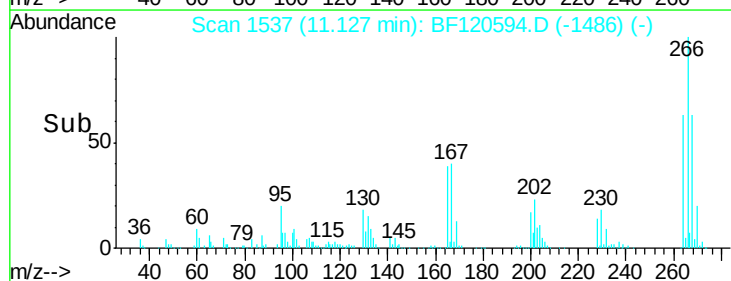
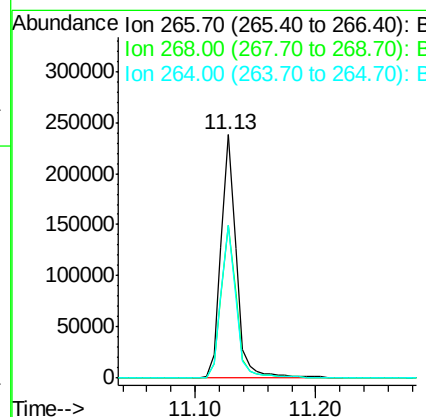
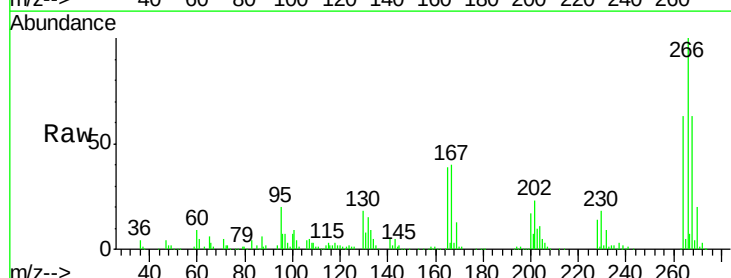
Manual Integrations
APPROVED

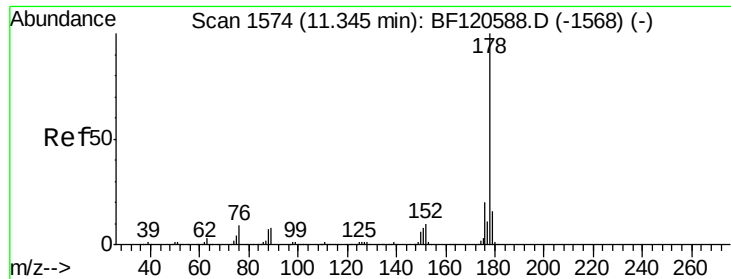
mohammad
6/11/2020 1:48:54 PM



#70
Pentachlorophenol
Concen: 45.194 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	51.4	77.0
264	62.8	50.8	76.2





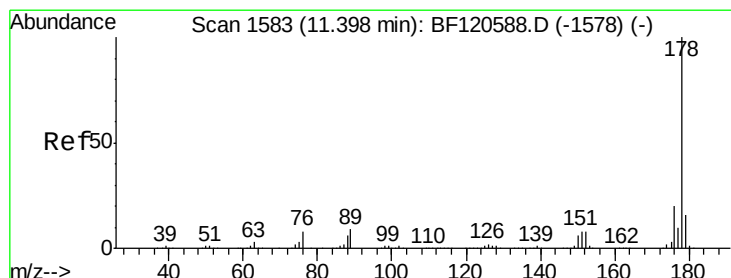
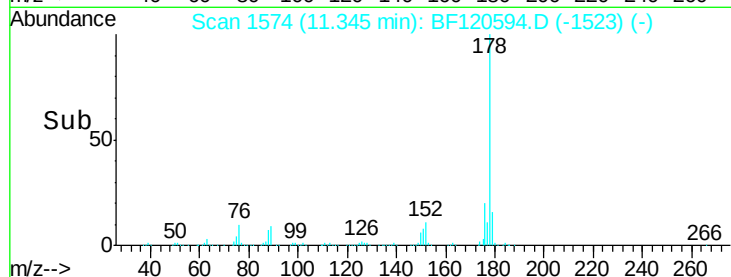
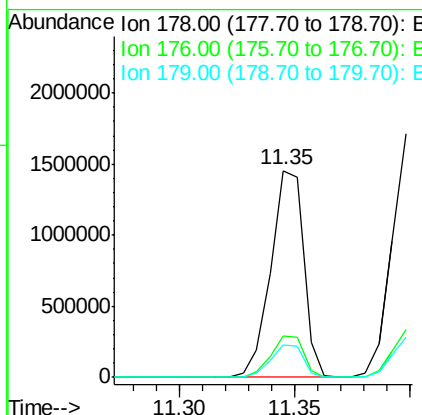
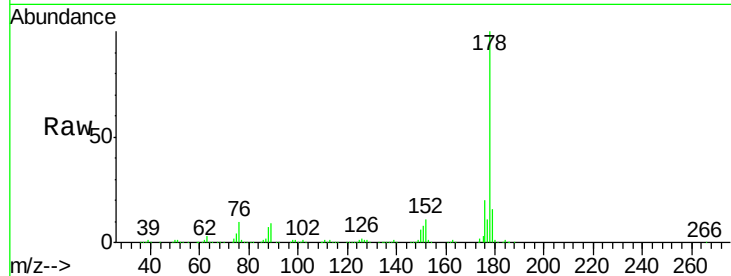
#71
Phenanthrene
Concen: 42.752 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:178 Resp: 1436070
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.0 12.8 19.2

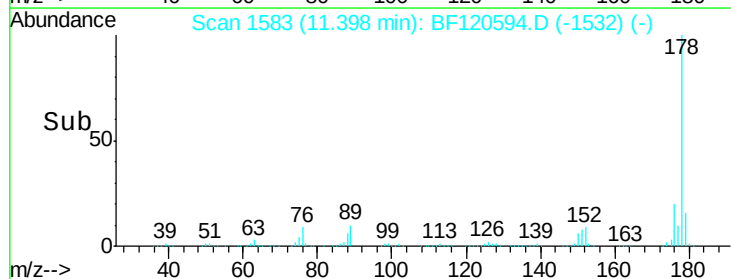
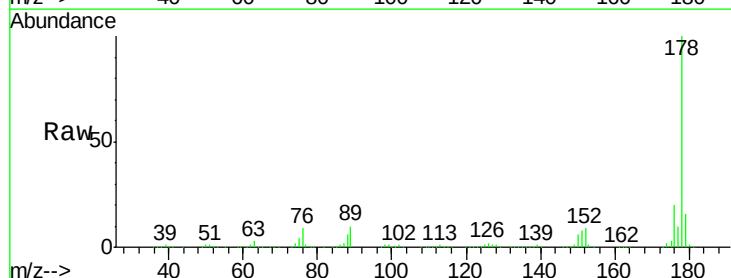
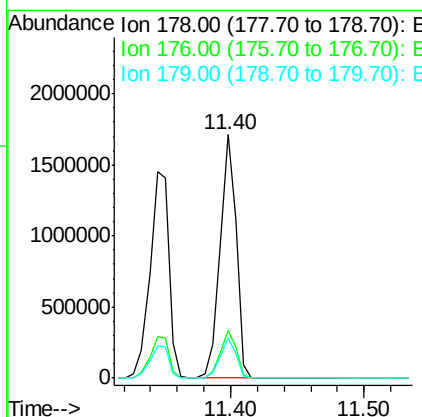
Manual Integrations
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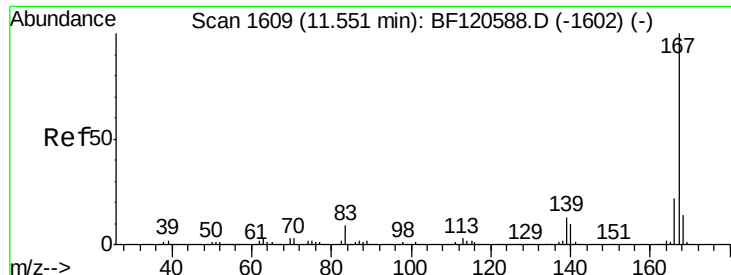
mohammad
6/11/2020 1:48:54 PM



#72
Anthracene
Concen: 43.409 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:178 Resp: 1469767
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.2 12.9 19.3





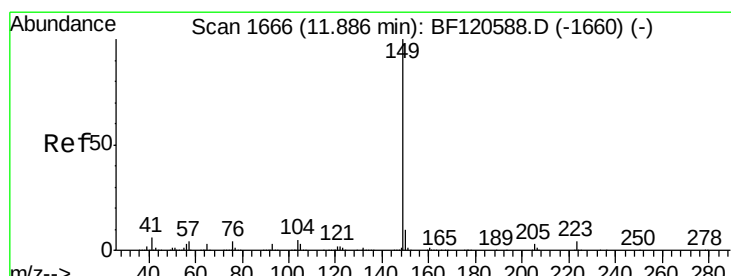
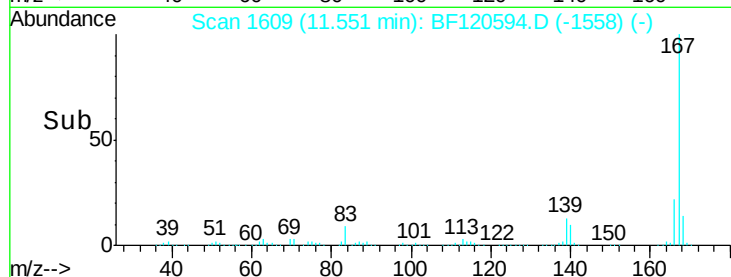
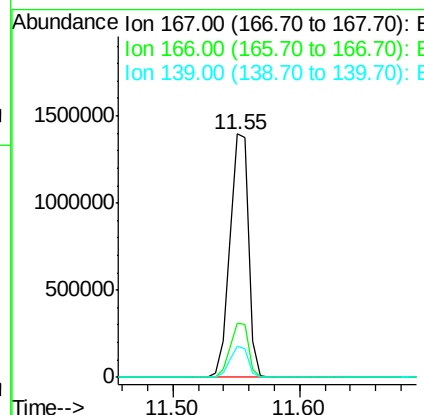
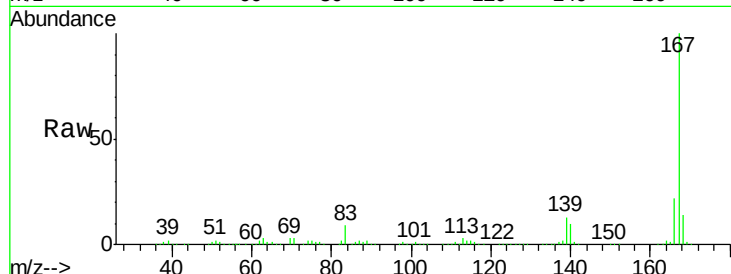
#73
 Carbazole
 Concen: 42.030 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion:167 Resp: 1408689
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 12.7 10.1 15.1

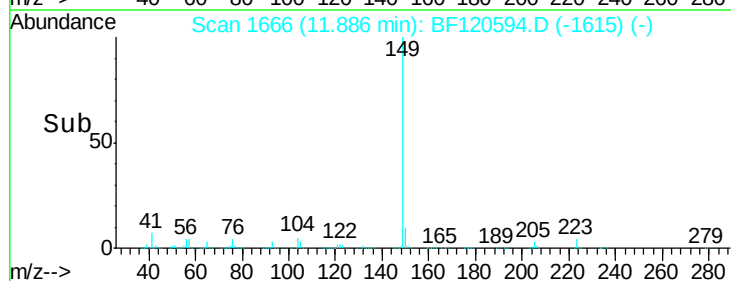
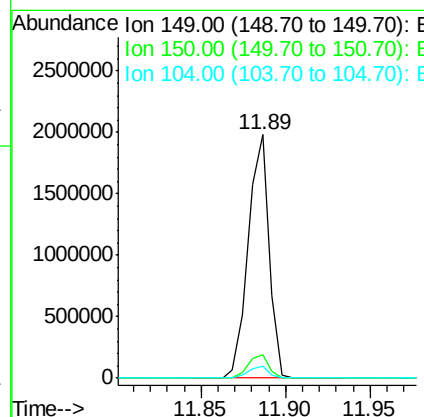
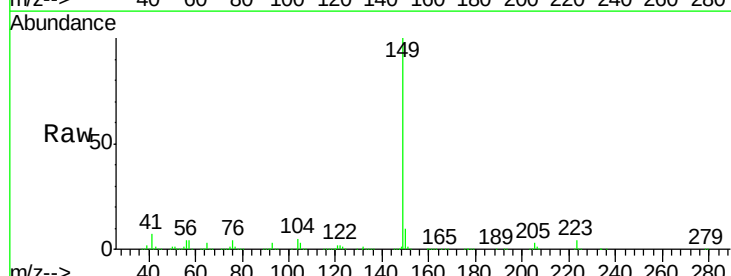
Manual Integrations
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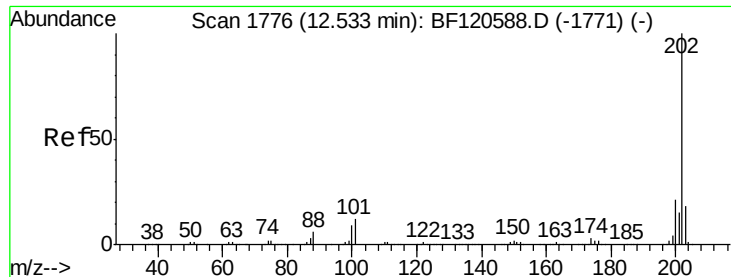
mohammad
 6/11/2020 1:48:54 PM



#74
 Di-n-butylphthalate
 Concen: 45.351 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion:149 Resp: 1708846
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.7 3.7 5.5





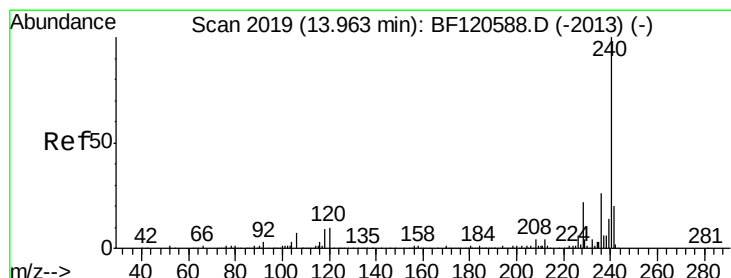
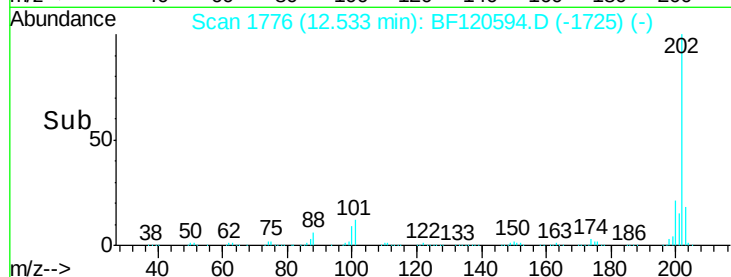
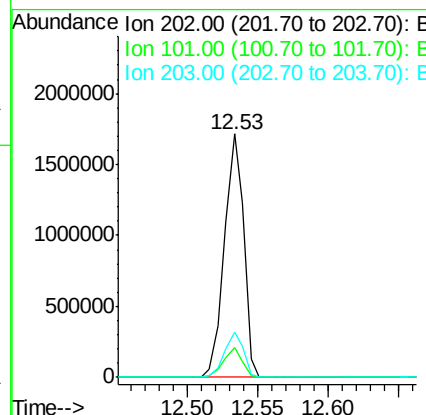
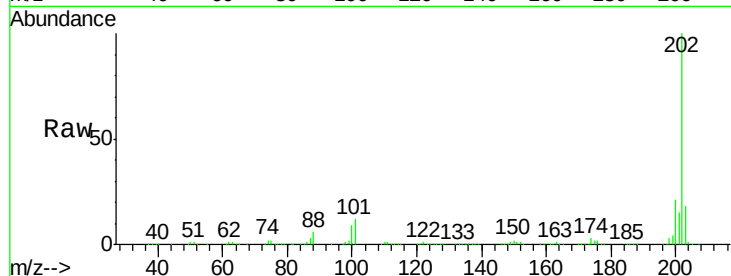
#75
 Fluoranthene
 Concen: 42.329 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1625630		
101	12.1	0.0	32.0	
203	18.5	0.0	38.3	

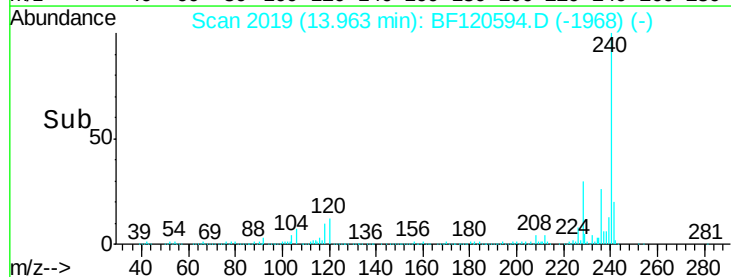
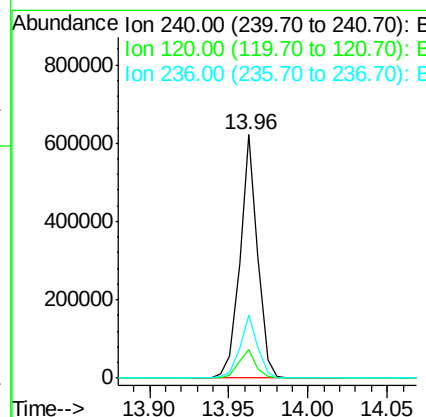
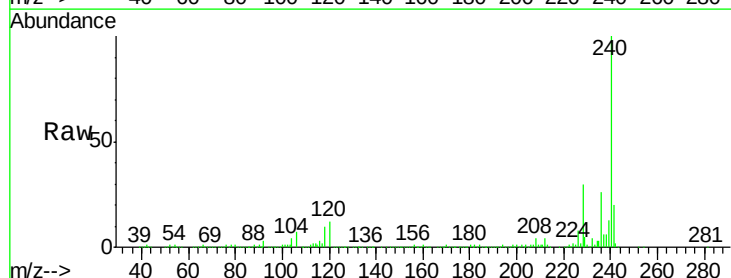
Manual Integrations
 APPROVED

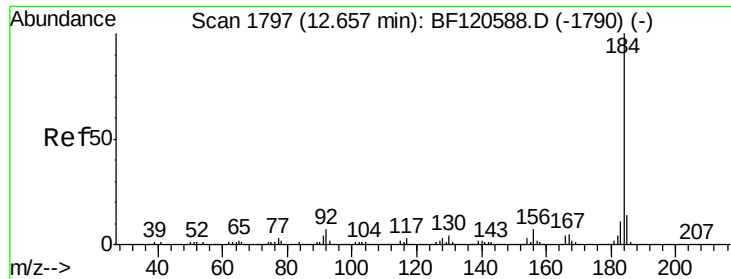
mohammad
 6/11/2020 1:48:54 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	476737		
120	11.5	8.3	12.5	
236	26.0	21.0	31.4	





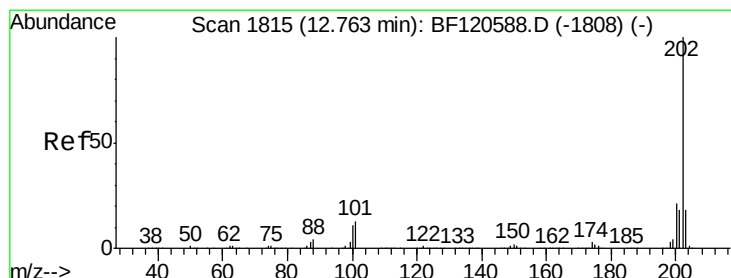
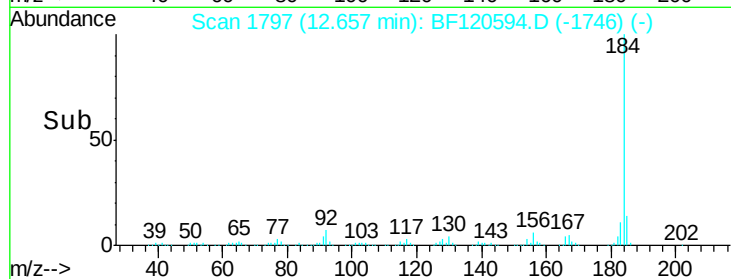
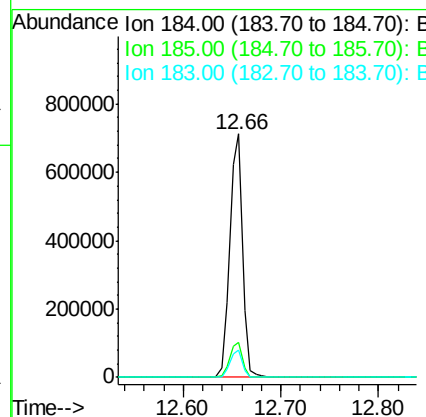
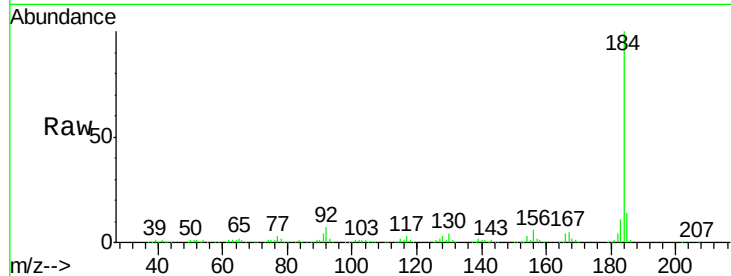
#77
Benzidine
Concen: 40.150 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.2	9.0	13.6

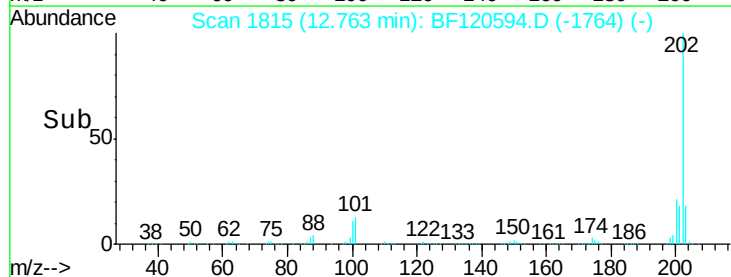
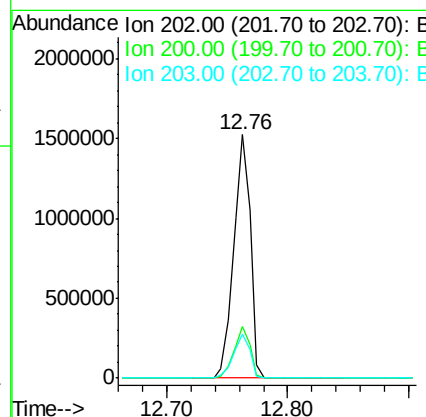
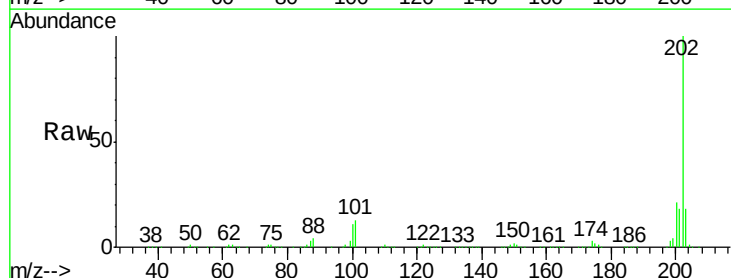
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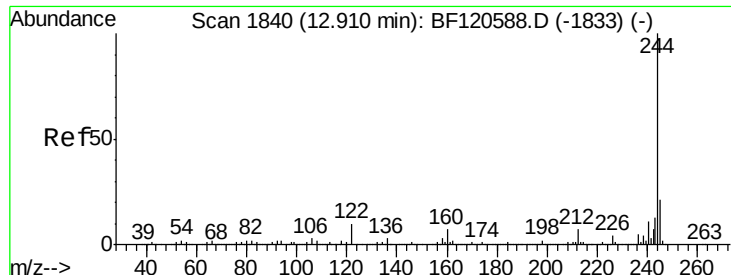
mohammad
6/11/2020 1:48:54 PM



#78
Pyrene
Concen: 43.045 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.3	14.3	21.5





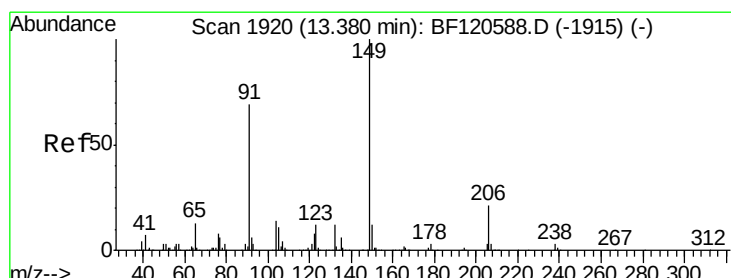
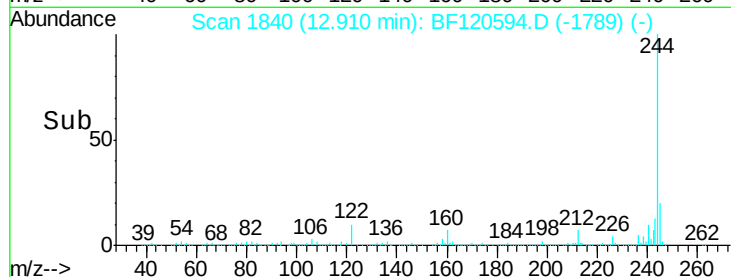
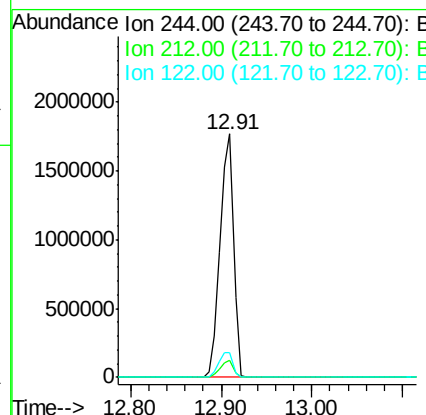
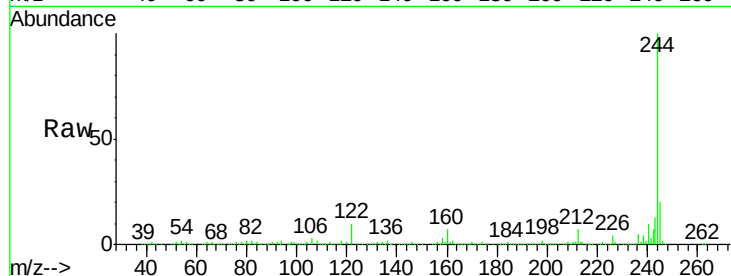
#79
 Terphenyl-d14
 Concen: 84.311 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.3	8.3	12.5

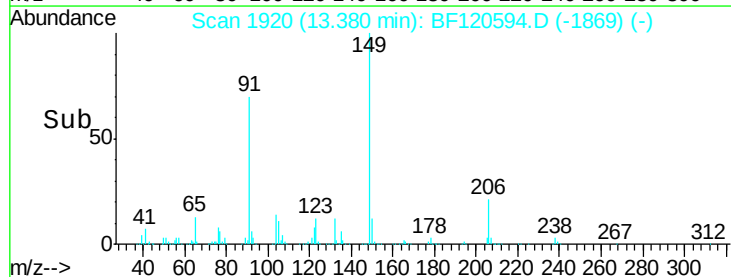
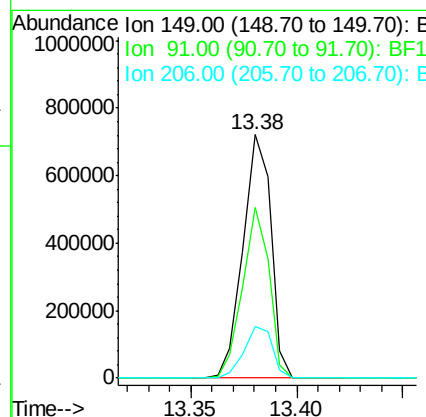
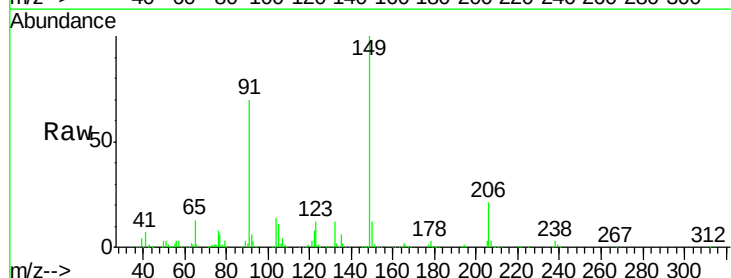
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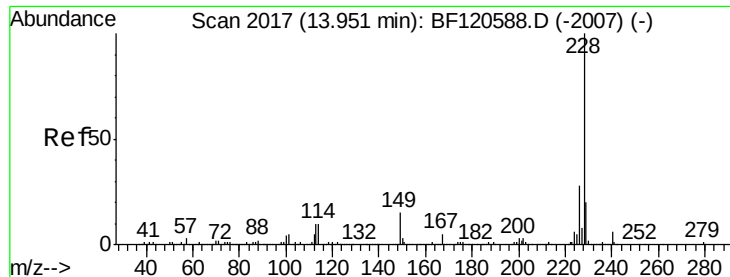
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.116 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	55.4	83.0
206	21.1	17.0	25.4





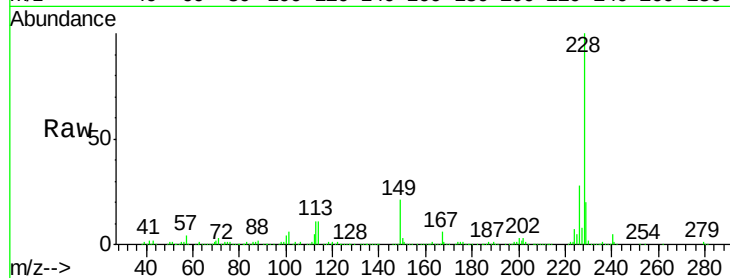
#81
Benzo(a)anthracene
Concen: 42.955 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

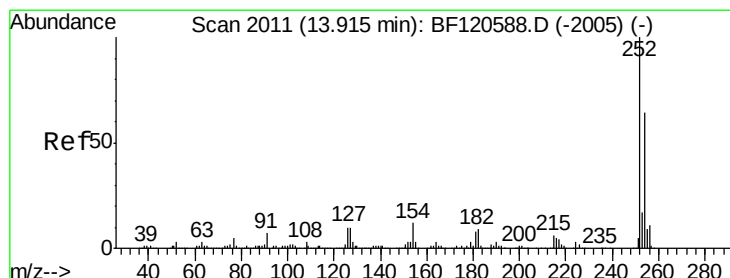
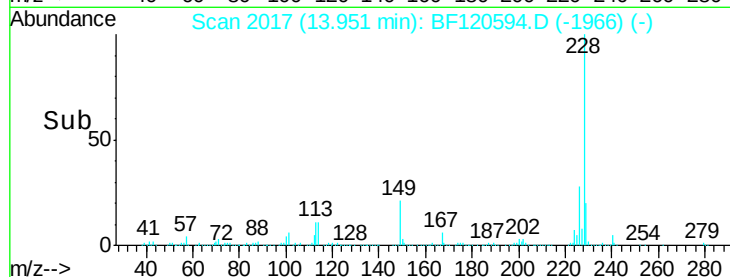
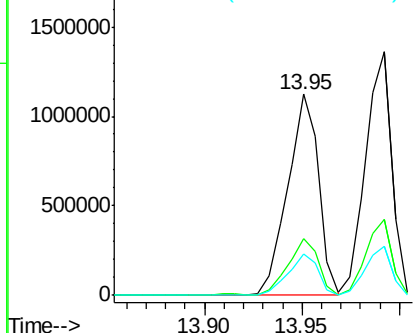
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.4	16.1	24.1

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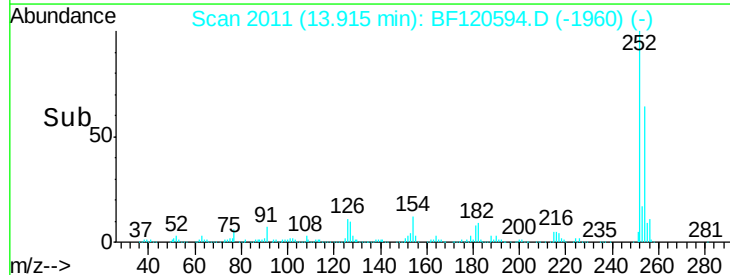
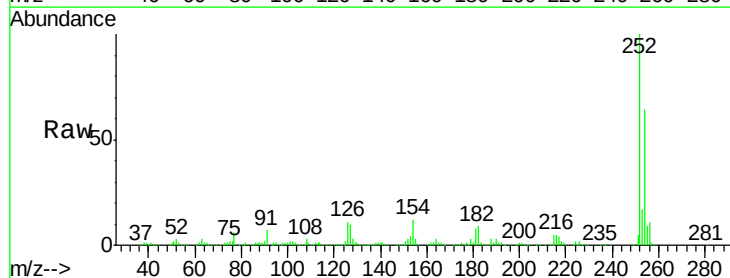
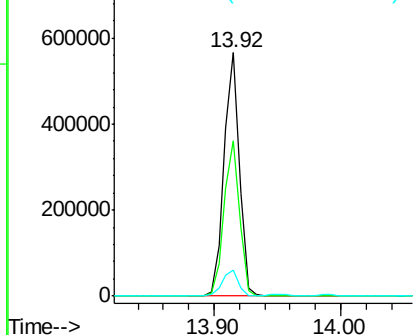
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

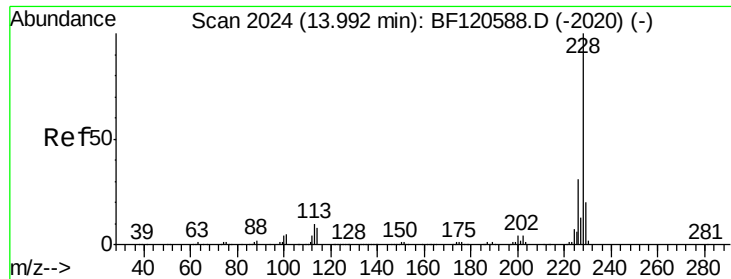


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.2
126	10.6	7.9	11.9

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





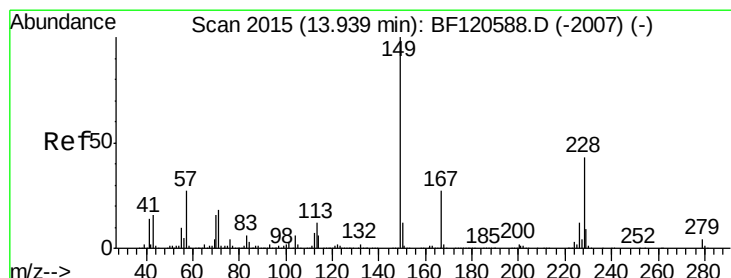
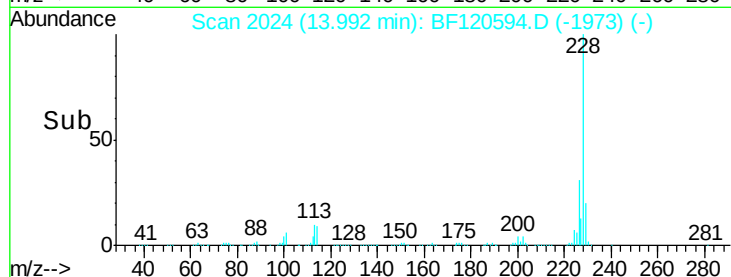
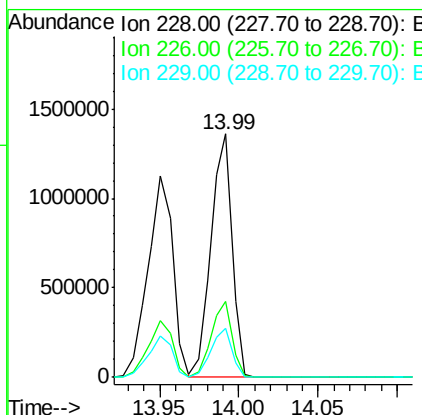
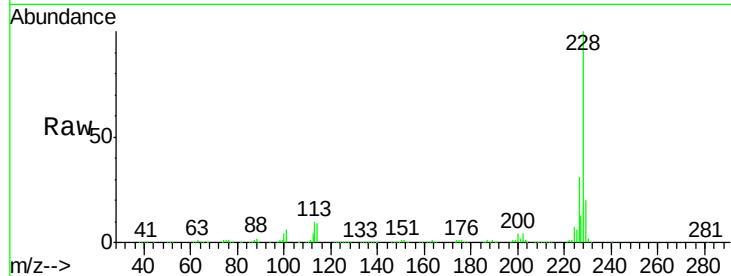
#83
Chrysene
Concen: 43.163 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	19.9	16.1	24.1

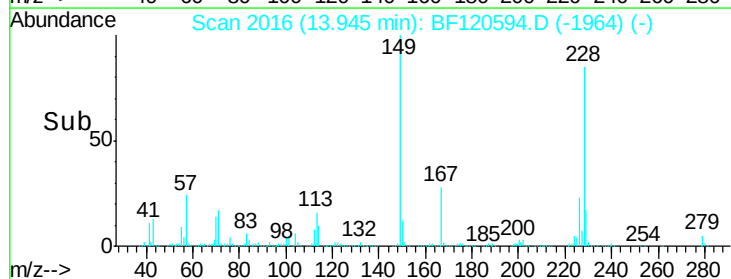
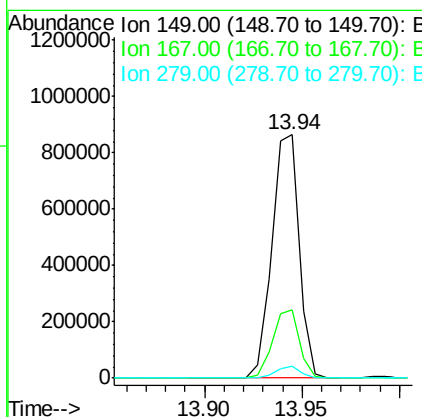
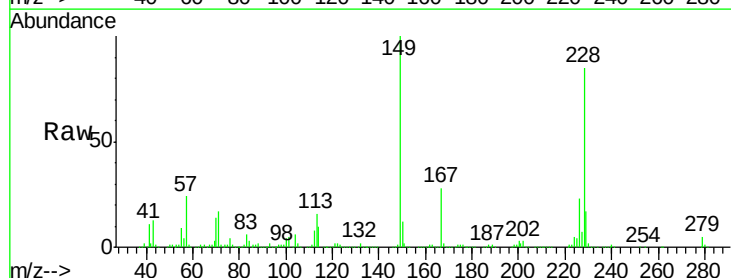
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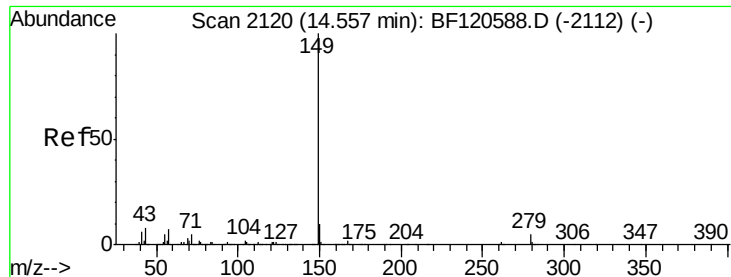
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.765 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.0	33.0
279	4.9	3.0	4.6#





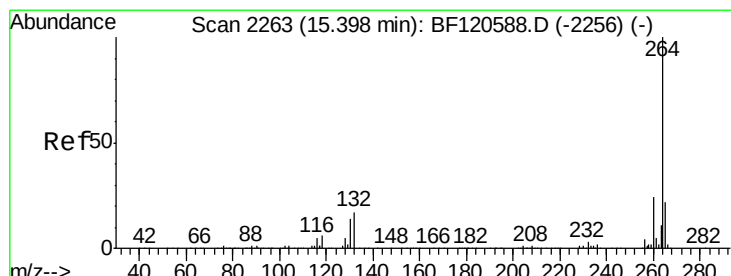
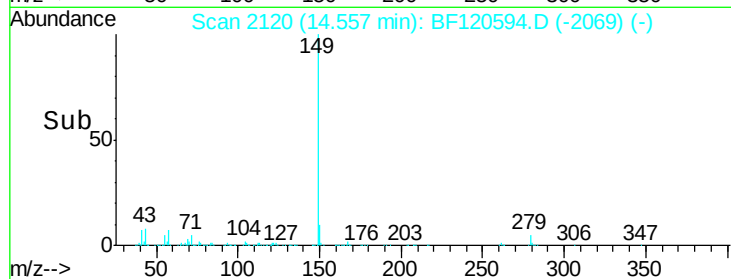
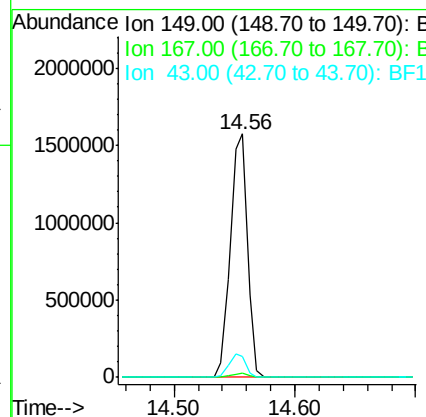
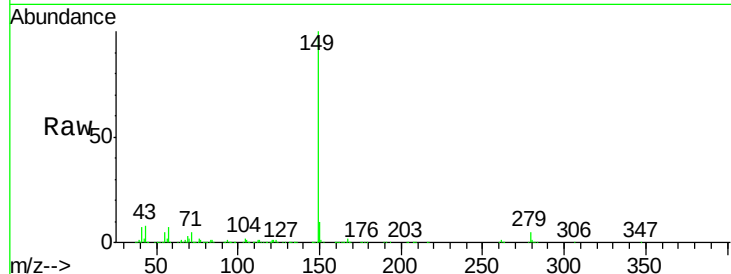
#85
Di-n-octyl phthalate
Concen: 44.271 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.6	11.4

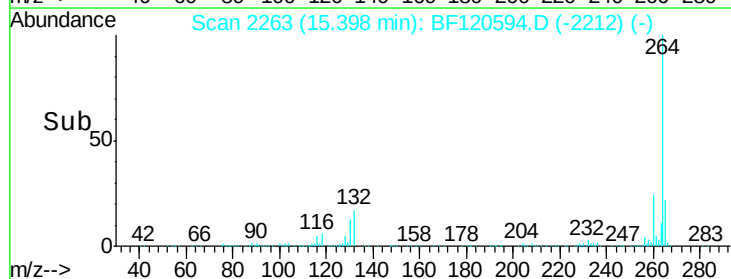
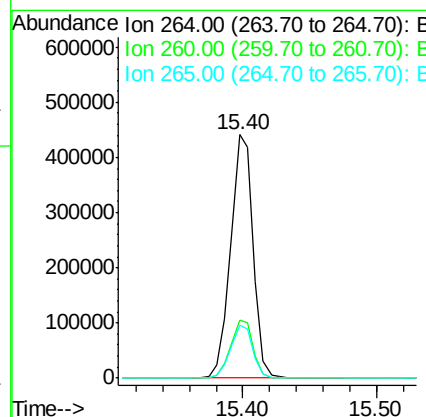
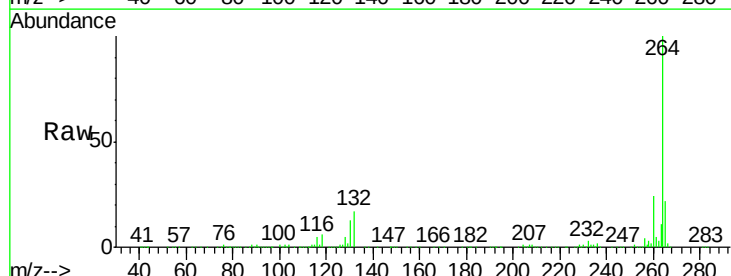
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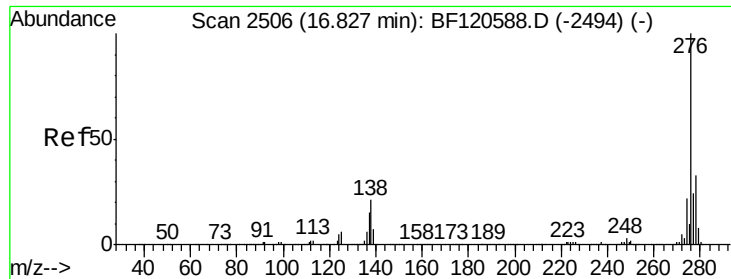
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.7	17.8	26.8





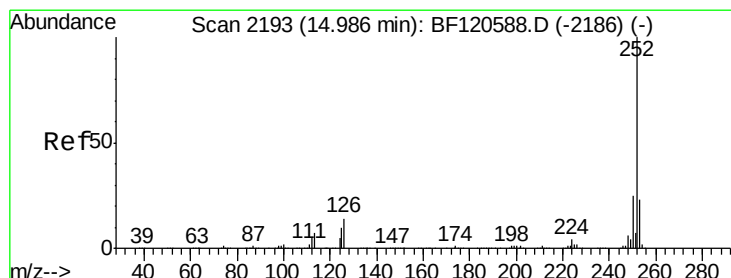
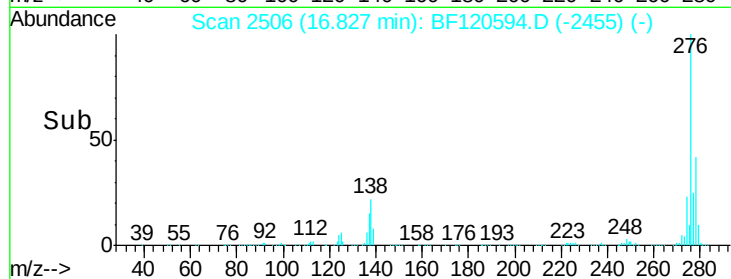
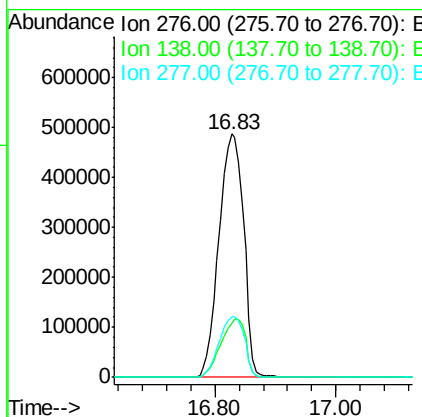
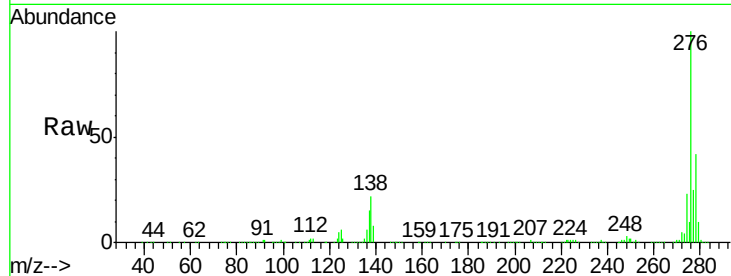
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.315 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061020

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.9	28.3
277	25.5	20.2	30.2

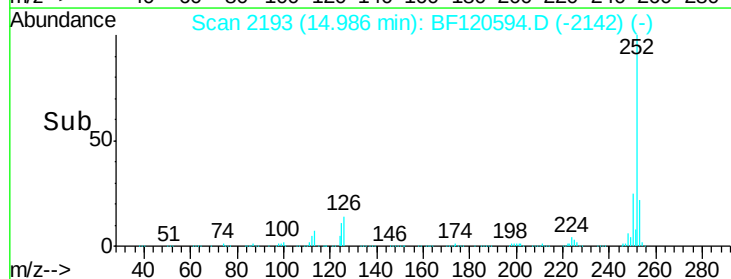
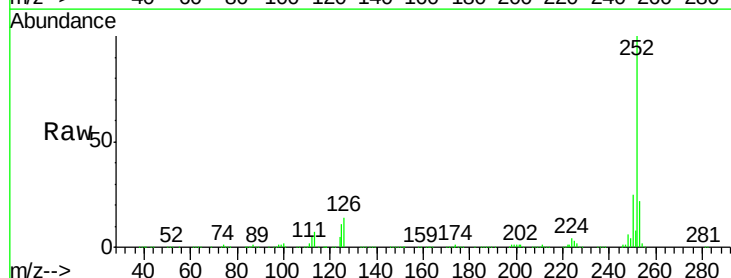
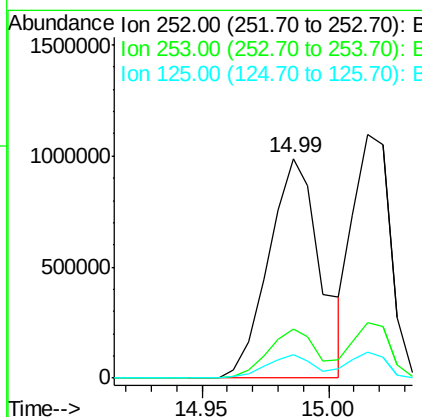
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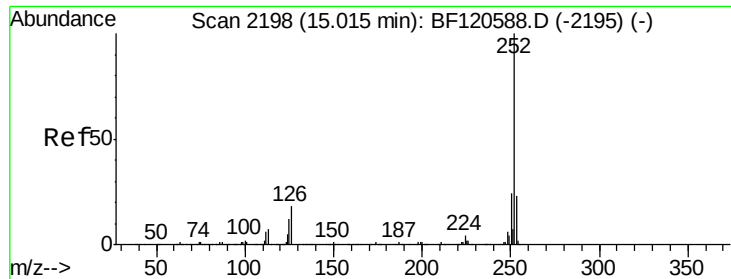
mohammad
 6/11/2020 1:48:54 PM



#88
 Benzo(b)fluoranthene
 Concen: 45.094 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BF120594.D
 Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.6	8.3	12.5





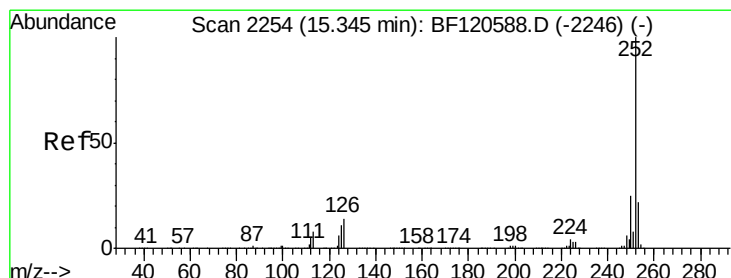
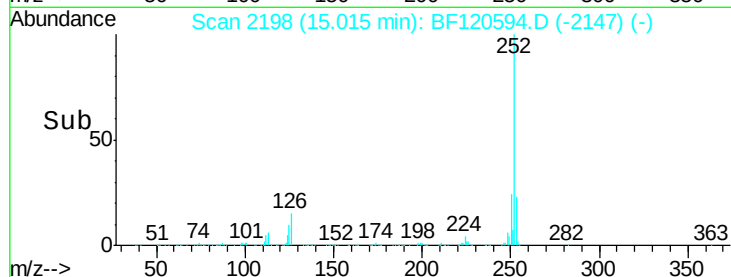
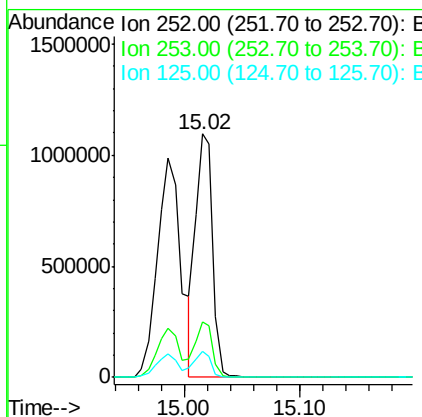
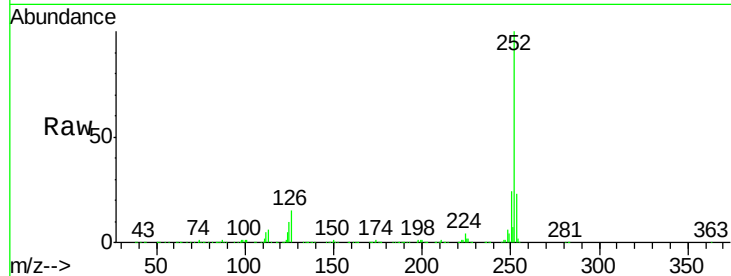
#89
Benzo(k)fluoranthene
Concen: 40.896 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion:252 Resp: 1132133
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.5 8.3 12.5

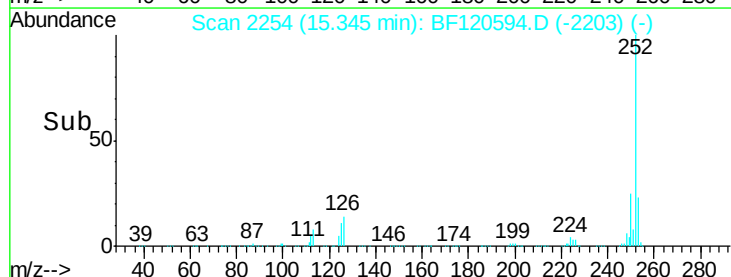
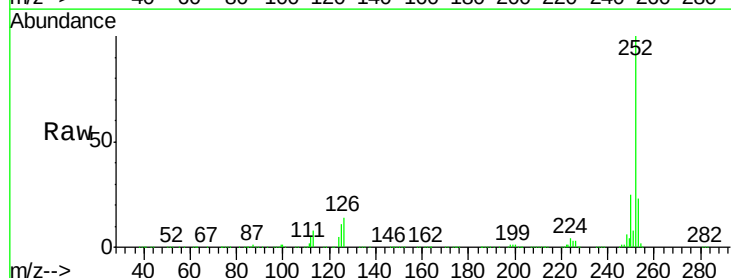
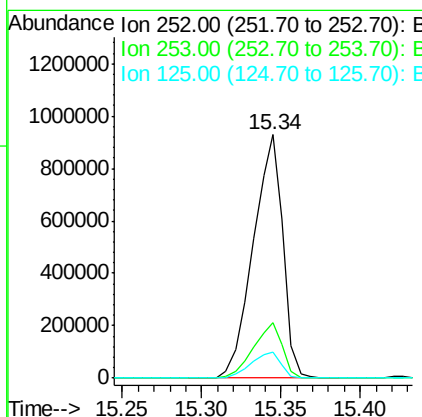
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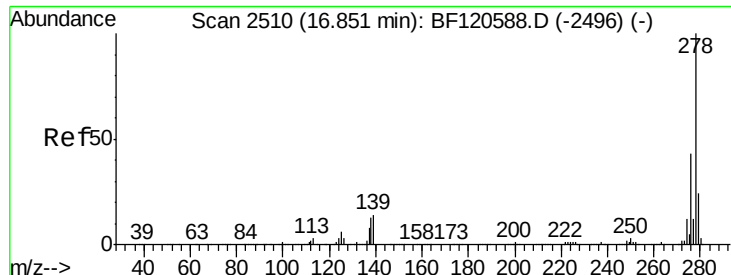
mohammad
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#90
Benzo(a)pyrene
Concen: 43.197 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion:252 Resp: 1209451
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.7 8.6 12.8





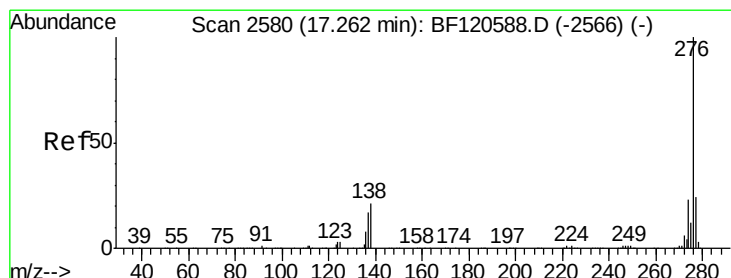
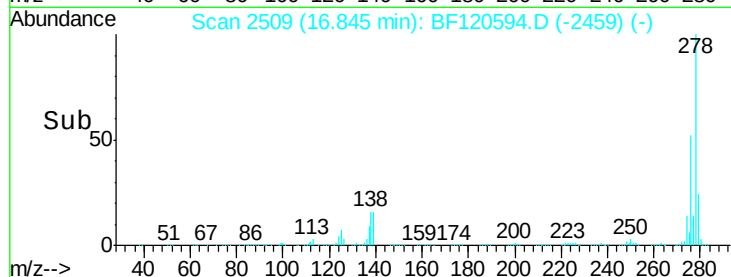
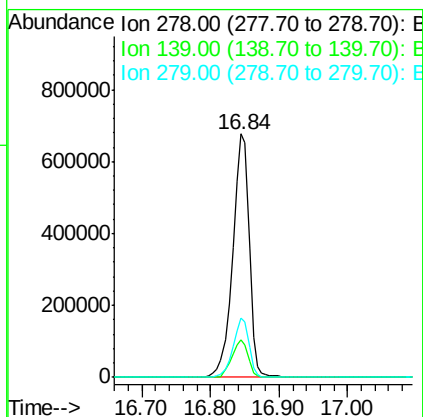
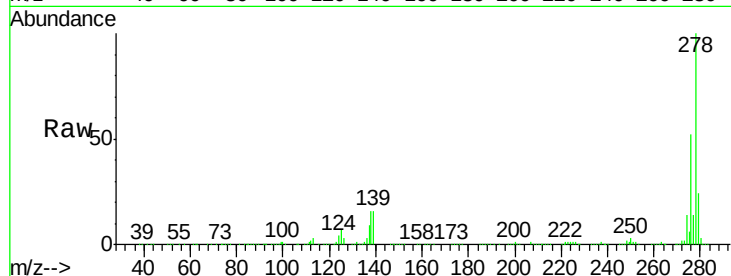
#91
Dibenzo(a,h)anthracene
Concen: 43.797 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Instrument :
BNA_F
ClientSampleId :
ICVBF061020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.4	17.2
279	24.2	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 43.033 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF120594.D
Acq: 10 Jun 2020 17:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	20.3	16.5	24.7

