

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
 Data File : BF120584.D
 Acq On : 9 Jun 2020 17:58
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:51:05 AM

Quant Time: Jun 09 18:34:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 18:08:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	177914	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	619078	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	326643	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	646696	20.00	ng	0.00
76) Chrysene-d12	13.96	240	527376	20.00	ng	0.00
86) Perylene-d12	15.40	264	648387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	834844	91.76	ng	0.00
7) Phenol-d6	6.44	99	981477	85.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	914698	92.14	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	288858	85.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1540294	79.15	ng	0.00
79) Terphenyl-d14	12.91	244	1847042	81.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	204721	43.120	ng	99
3) Pyridine	3.24	79	549787	43.262	ng	100
4) n-Nitrosodimethylamine	3.19	42	228899	42.551	ng	98
6) Aniline	6.46	93	670052	43.036	ng	97
8) 2-Chlorophenol	6.59	128	459100	43.656	ng	99
9) Benzaldehyde	6.35	77	265970	44.672	ng	99
10) Phenol	6.45	94	570774	42.692	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	448828	42.806	ng	99
12) 1,3-Dichlorobenzene	6.75	146	495658	43.311	ng	99
13) 1,4-Dichlorobenzene	6.82	146	498823	43.148	ng	100
14) 1,2-Dichlorobenzene	6.97	146	464445	41.206	ng	99
15) Benzyl Alcohol	6.95	79	375559	42.031	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	677139	43.731	ng	100
17) 2-Methylphenol	7.06	107	407851	44.180	ng	100
18) Hexachloroethane	7.32	117	183190	43.322	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	294865	41.640	ng	99
20) 3+4-Methylphenols	7.21	107	459825	39.943	ng	92
22) Acetophenone	7.22	105	578648	45.466	ng	100
24) Nitrobenzene	7.39	77	477311	45.790	ng	100
25) Isophorone	7.63	82	867749	45.178	ng	100
26) 2-Nitrophenol	7.70	139	246796	45.910	ng	99
27) 2,4-Dimethylphenol	7.74	122	356033	45.291	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	478628	41.931	ng	100
29) 2,4-Dichlorophenol	7.95	162	345565	42.043	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	390449	42.328	ng	100
31) Naphthalene	8.11	128	1177768	42.402	ng	100
32) Benzoic acid	7.86	122	269888	41.952	ng	97
33) 4-Chloroaniline	8.16	127	517268	41.725	ng	99
34) Hexachlorobutadiene	8.22	225	234986	43.585	ng	98
35) Caprolactam	8.53	113	113987m	40.393	ng	
36) 4-Chloro-3-methylphenol	8.64	107	355038	41.793	ng	99
37) 2-Methylnaphthalene	8.80	142	785987	42.500	ng	99
38) 1-Methylnaphthalene	8.90	142	739640	43.660	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	373763	43.270	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	213470	43.222	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	262295	42.802	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	301374	43.255	ng	98
46) 1,1'-Biphenyl	9.26	154	938849	42.347	ng	100
47) 2-Chloronaphthalene	9.29	162	767847	42.015	ng	99
48) 2-Nitroaniline	9.38	65	237733	41.785	ng	100
49) Acenaphthylene	9.70	152	1195091	43.198	ng	100
50) Dimethylphthalate	9.56	163	896935	41.366	ng	99
51) 2,6-Dinitrotoluene	9.62	165	205957	42.683	ng	98
52) Acenaphthene	9.87	154	705115m	42.643	ng	
53) 3-Nitroaniline	9.79	138	240713	42.188	ng	100
54) 2,4-Dinitrophenol	9.90	184	114424	44.004	ng	97
55) Dibenzofuran	10.05	168	1075952	43.057	ng	100
56) 4-Nitrophenol	9.96	139	182231	43.800	ng	99
57) 2,4-Dinitrotoluene	10.03	165	275605	43.818	ng	99
58) Fluorene	10.39	166	811760	43.237	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	234842	43.201	ng	99
60) Diethylphthalate	10.26	149	891540	42.662	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	418494	43.177	ng	99
62) 4-Nitroaniline	10.40	138	241368	41.937	ng	99
63) Azobenzene	10.54	77	804554	41.141	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	153928	44.382	ng	100
66) n-Nitrosodiphenylamine	10.50	169	756621	43.676	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	279677	43.296	ng	98
68) Hexachlorobenzene	10.93	284	301765	43.473	ng	99
69) Atrazine	11.03	200	215230	43.854	ng	99
70) Pentachlorophenol	11.13	266	166539	44.453	ng	99
71) Phenanthrene	11.35	178	1229162	43.029	ng	100
72) Anthracene	11.40	178	1245307	43.130	ng	100
73) Carbazole	11.56	167	1212647	43.025	ng	99
74) Di-n-butylphthalate	11.89	149	1409922	42.070	ng	100
75) Fluoranthene	12.54	202	1379586	41.879	ng	98
77) Benzidine	12.66	184	534209	42.570	ng	99
78) Pyrene	12.77	202	1434568	42.938	ng	99
80) Butylbenzylphthalate	13.39	149	630936	43.150	ng	93
81) Benzo(a)anthracene	13.96	228	1214462	42.390	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	454743	43.358	ng	98
83) Chrysene	13.99	228	1269056	43.636	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	790415	42.648	ng	100
85) Di-n-octyl phthalate	14.56	149	1505592	44.858	ng	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	1606784	44.031	ng	100
88) Benzo(b)fluoranthene	14.99	252	1342435	39.657	ng	100
89) Benzo(k)fluoranthene	15.02	252	1247340	40.646	ng	99
90) Benzo(a)pyrene	15.35	252	1270773	41.234	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	1303030	44.214	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1262898	43.784	ng	98

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

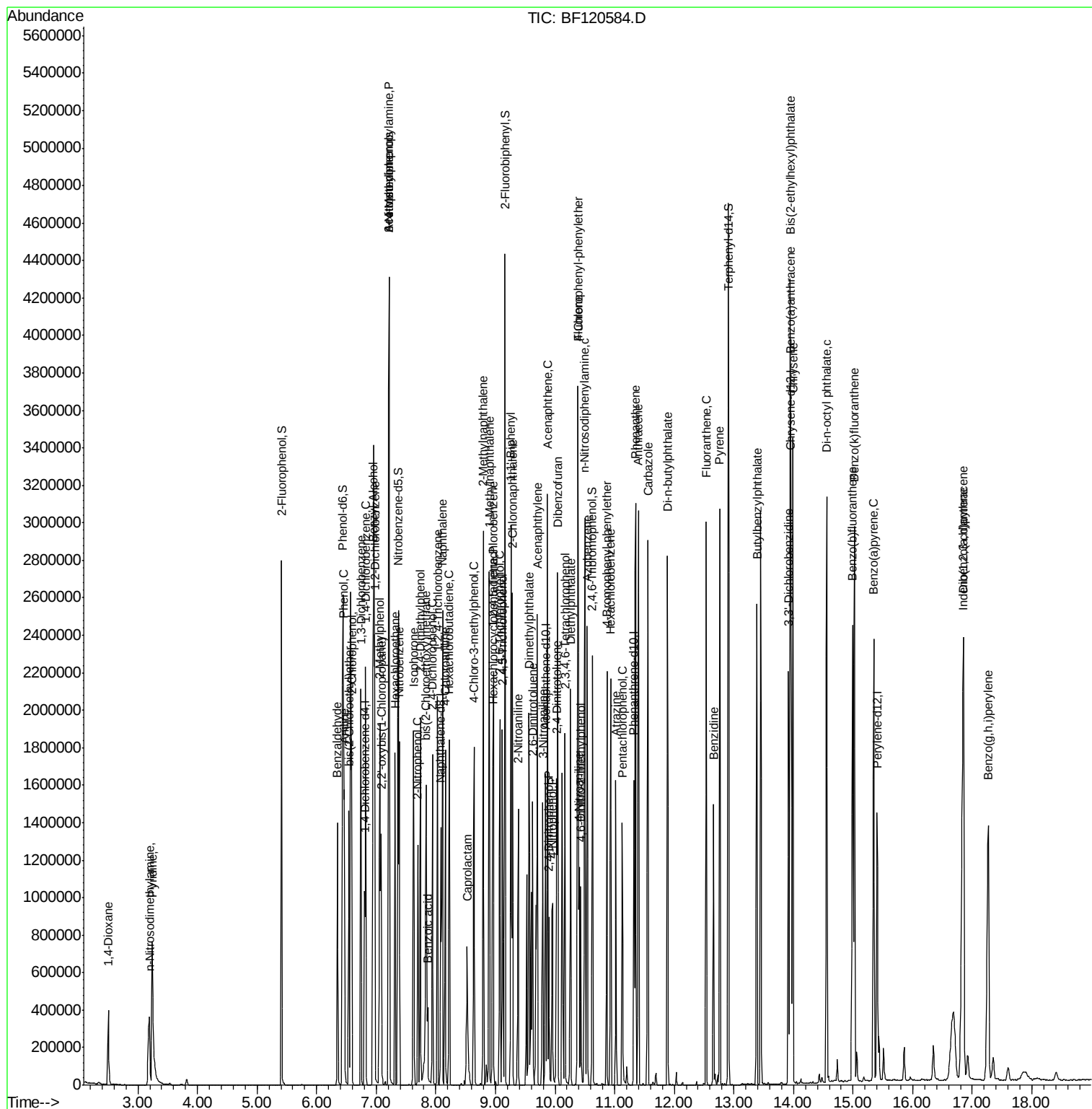
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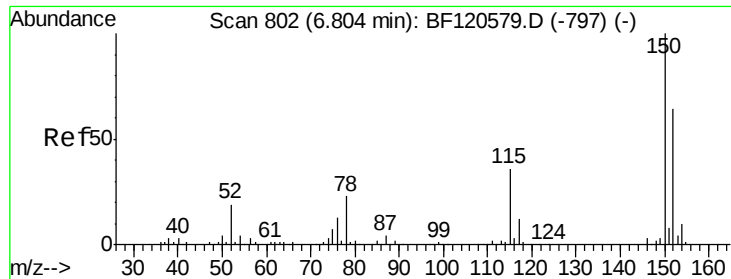
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

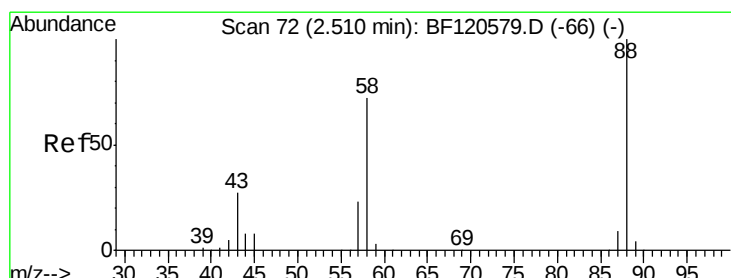
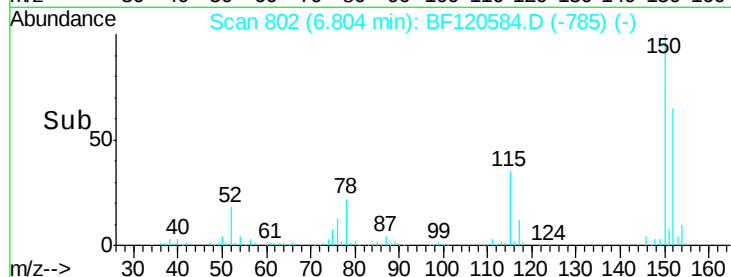
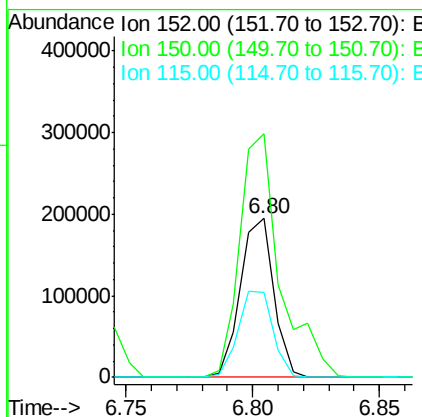
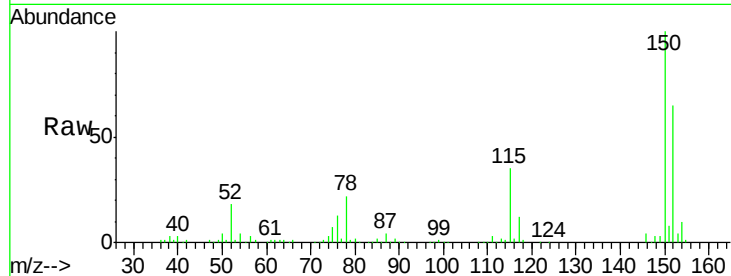
ClientSampleId :

ICVBF060920

Tot Ion:	152	Resp:	177914
Ion Ratio	Lower	Upper	
152	100		
150	153.5	125.4	188.0
115	53.9	45.5	68.3

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#2

1,4-Dioxane

Concen: 43.120 ng

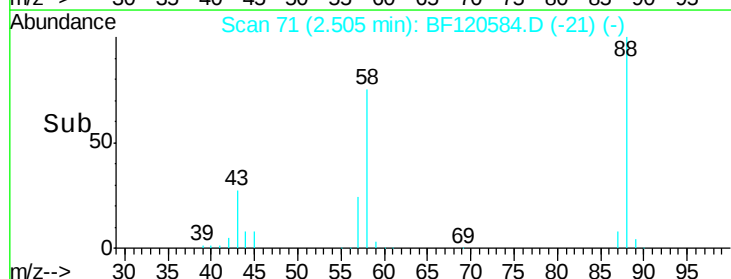
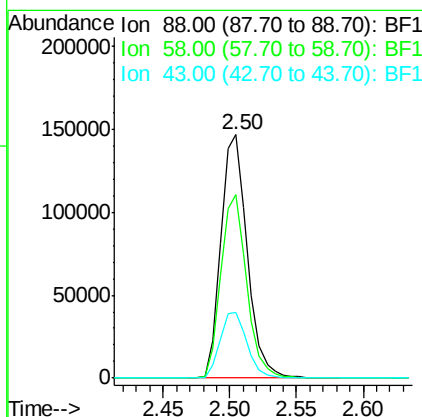
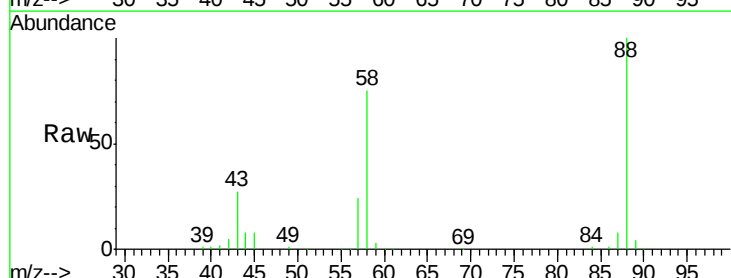
RT: 2.50 min Scan# 71

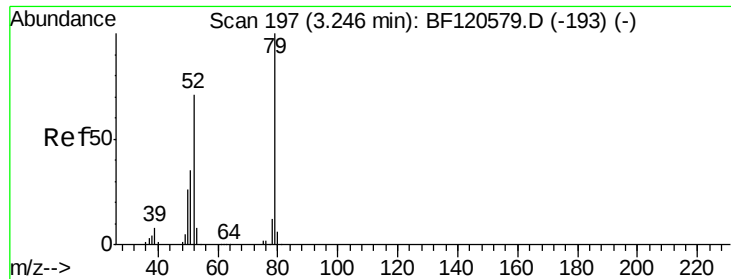
Delta R.T. -0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:	88	Resp:	204721
Ion Ratio	Lower	Upper	
88	100		
58	73.9	58.2	87.2
43	28.1	22.2	33.2





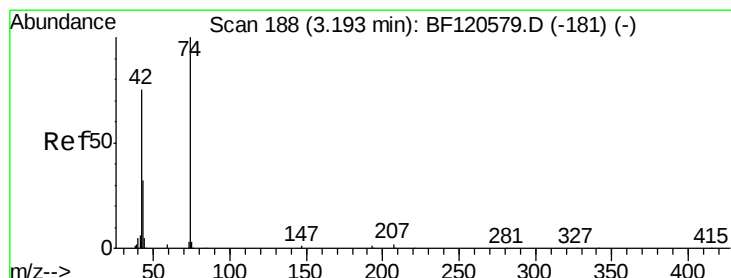
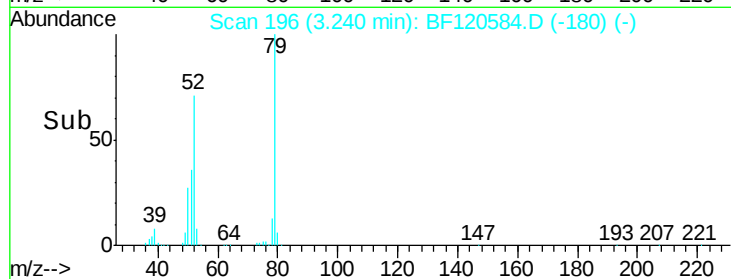
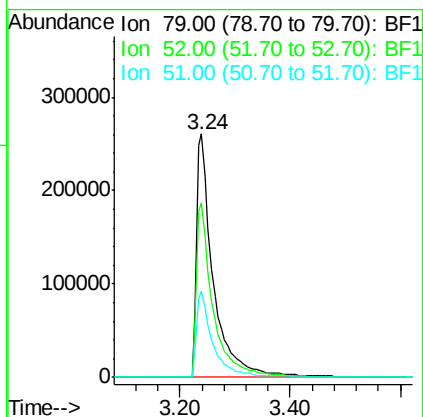
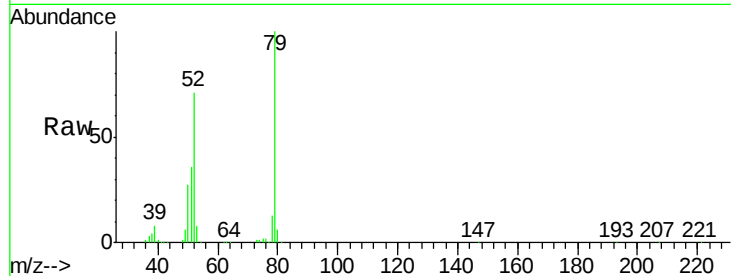
#3
 Pvridine
 Concen: 43.262 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.01 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

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 ClientSampleId :
 ICVBF060920

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	71.5	57.2	85.8
51	51	35.5	28.2	42.4

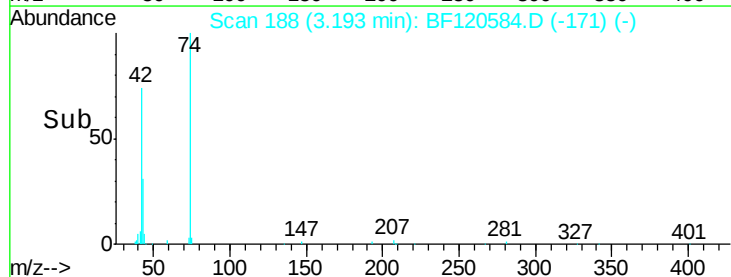
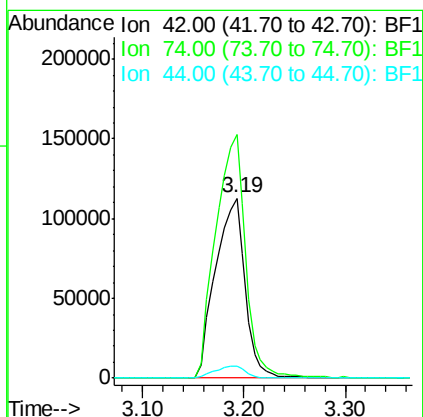
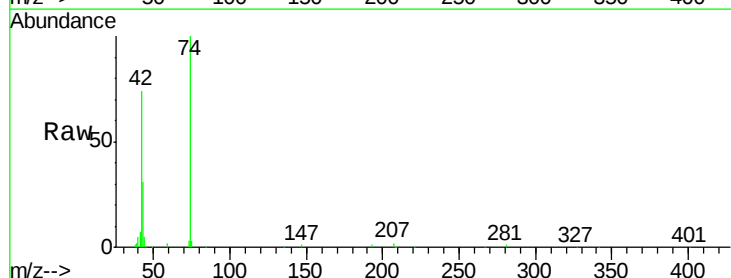
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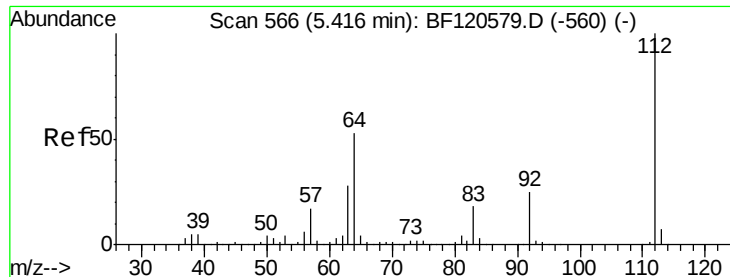
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#4
 n-Nitrosodimethylamine
 Concen: 42.551 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	135.4	106.9	160.3
44	44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 91.756 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

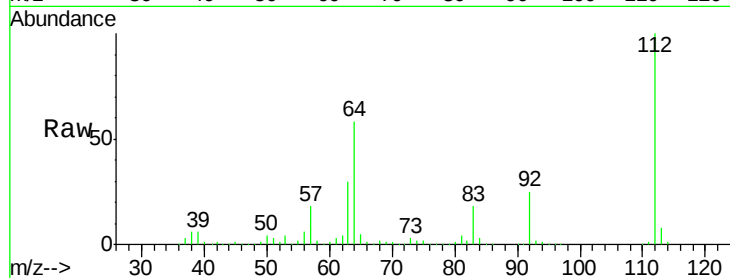
ClientSampled :

ICVBF060920

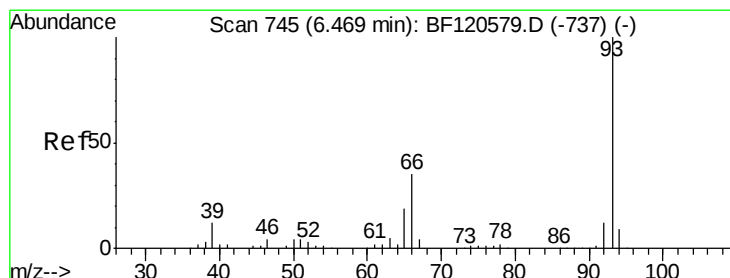
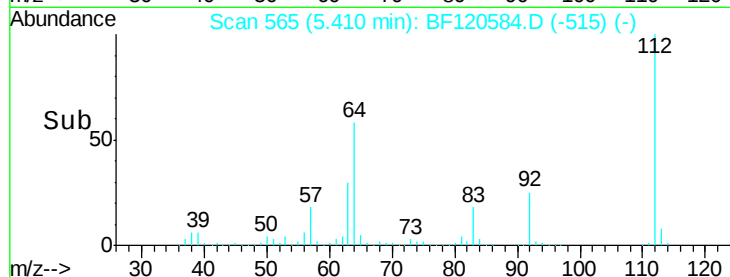
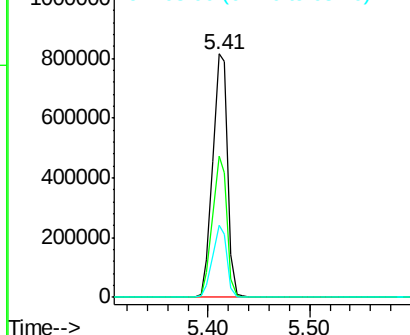
Tot Ion:	112	Resp:	834844
Ion Ratio	Lower	Upper	
112	100		
64	58.2	42.7	64.1
63	29.7	22.3	33.5

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



#6

Aniline

Concen: 43.036 ng

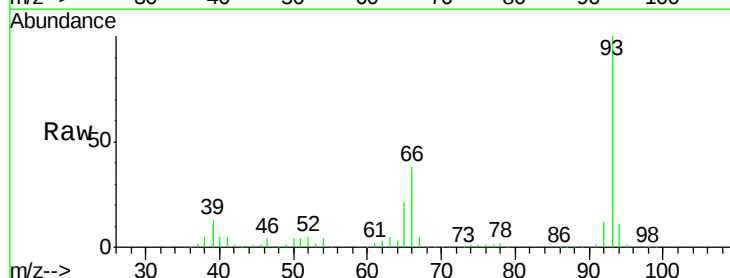
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

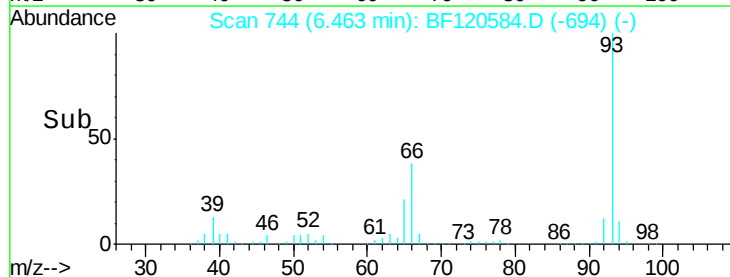
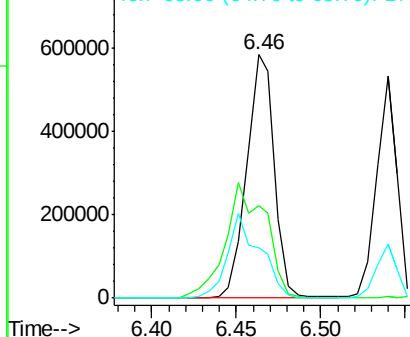
Lab File: BF120584.D

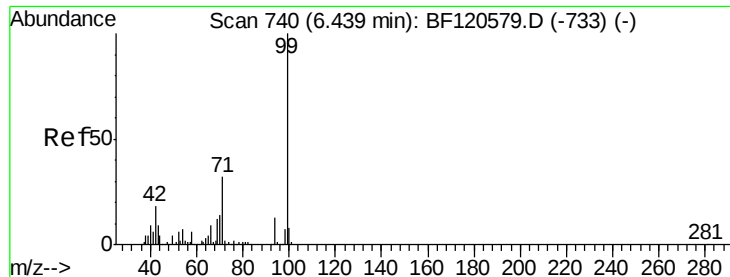
Acq: 9 Jun 2020 17:58

Tgt Ion:	93	Resp:	670052
Ion Ratio	Lower	Upper	
93	100		
66	38.1	29.1	43.7
65	20.8	15.2	22.8



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: 85.102 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

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Instrument :

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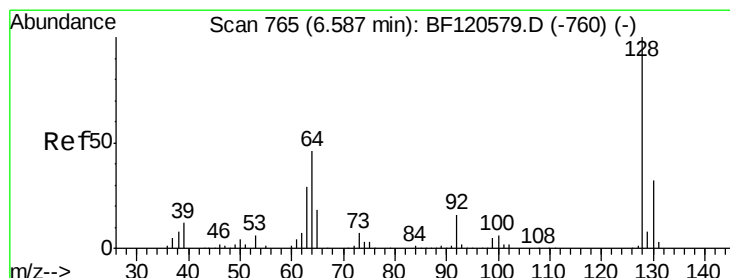
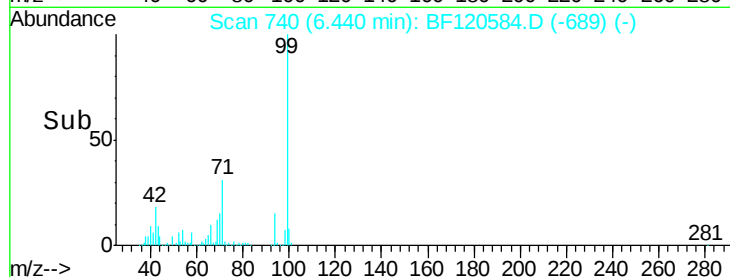
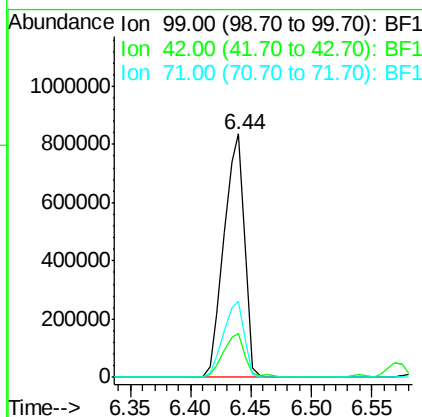
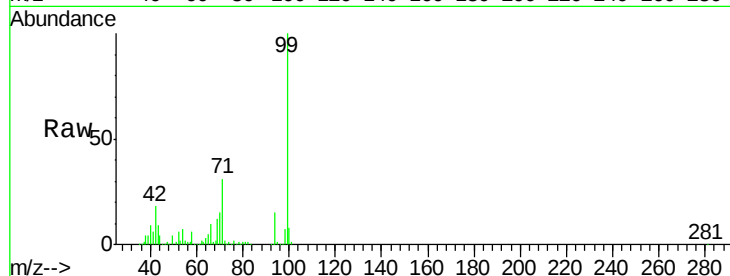
ClientSampleId :

ICVBF060920

Tot Ion:	99	Resp:	981477
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.6	22.0
71	31.1	25.4	38.0

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#8

2-Chlorophenol

Concen: 43.656 ng

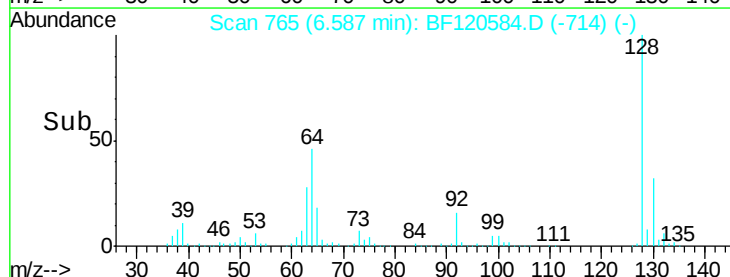
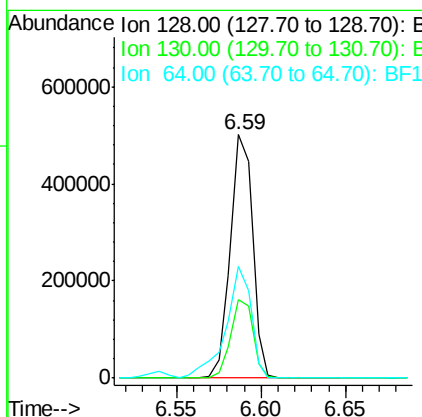
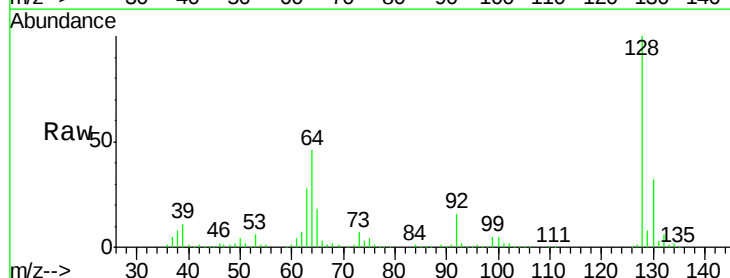
RT: 6.59 min Scan# 765

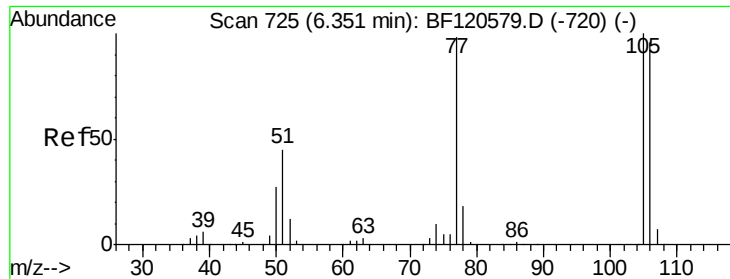
Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:	128	Resp:	459100
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.4	52.4
64	46.0	26.9	66.9





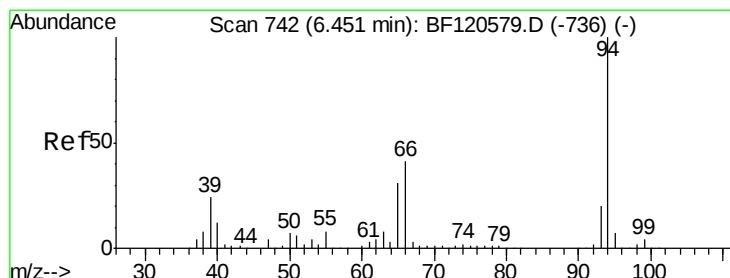
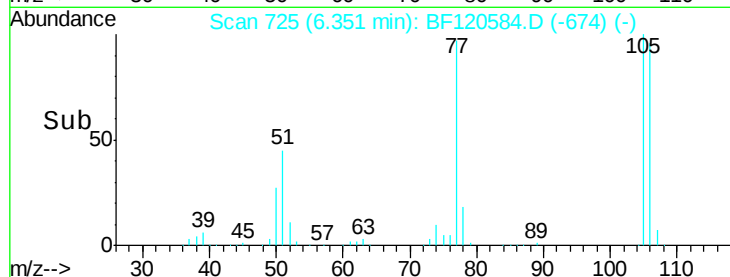
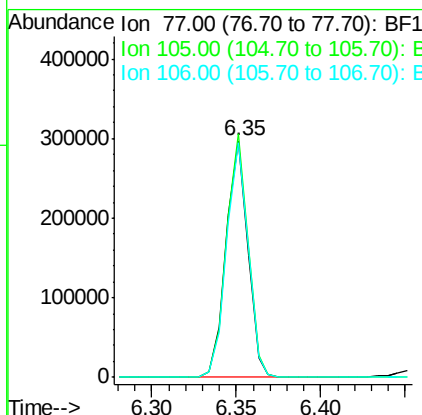
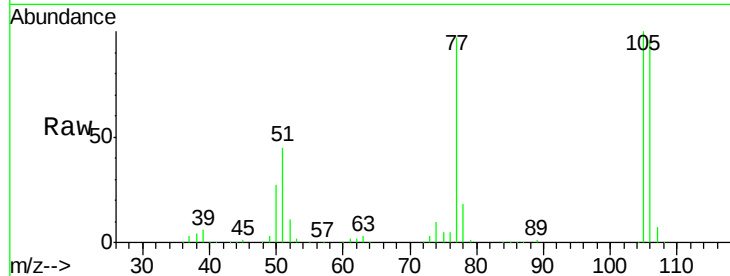
#9
Benzaldehyde
Concen: 44.672 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF120584.D
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Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	82.2	122.2
106	99.3	78.5	118.5

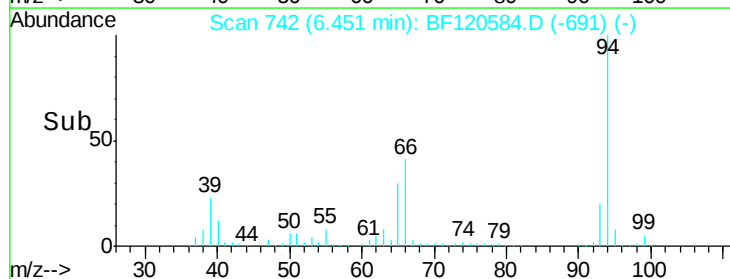
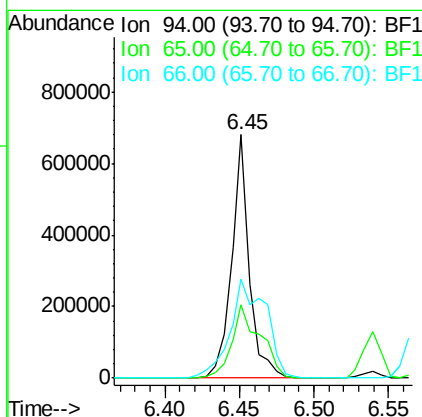
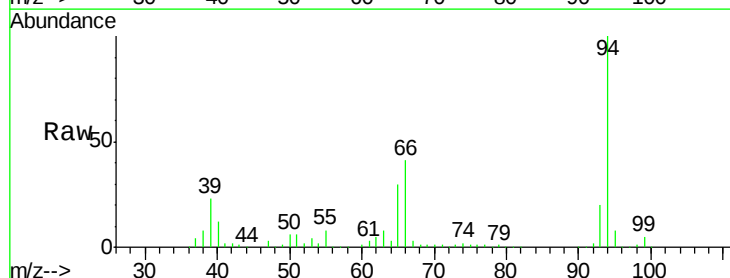
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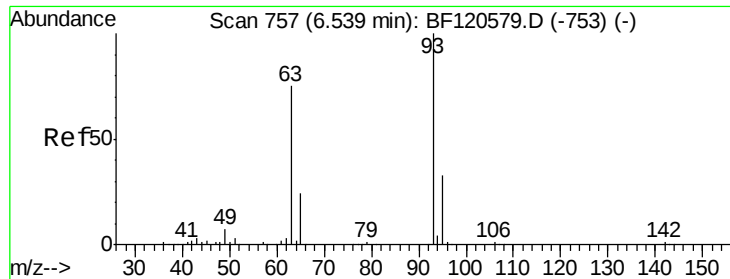
mohammad
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#10
Phenol
Concen: 42.692 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.1	51.1
66	40.8	21.0	61.0





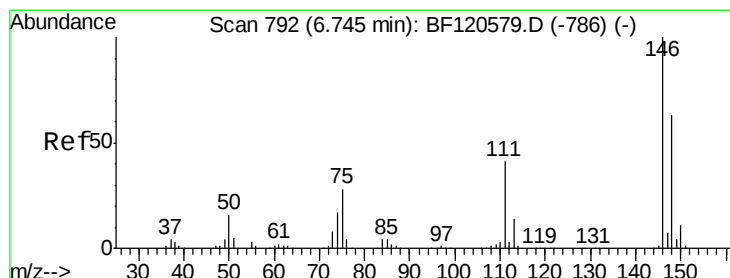
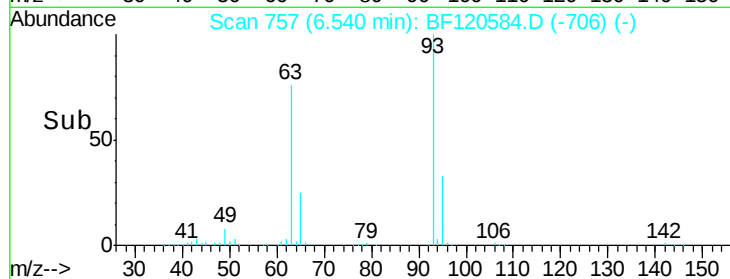
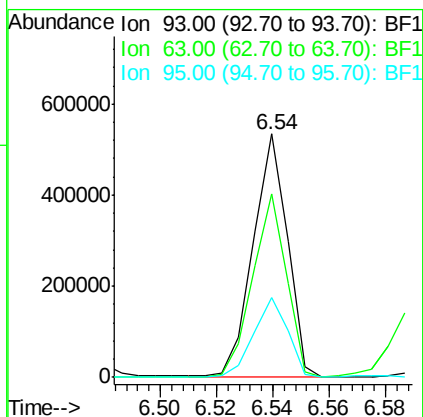
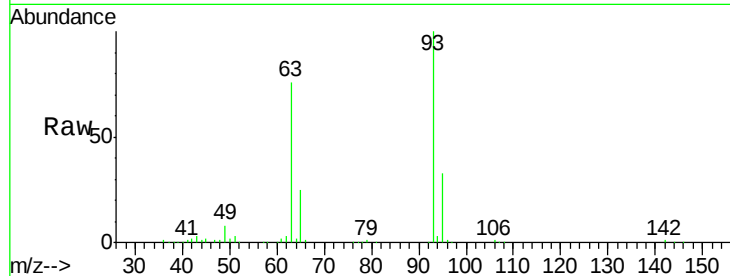
#11
bis(2-Chloroethyl)ether
Concen: 42.806 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	93	Resp	448828
Ion Ratio	100	Lower	Upper
93	100		
63	75.5	54.6	94.6
95	32.8	12.8	52.8

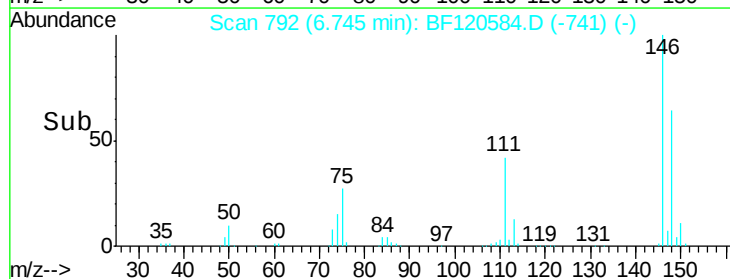
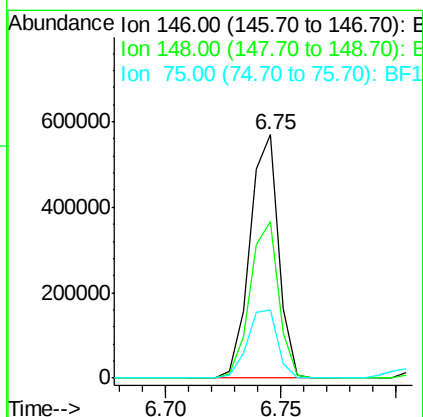
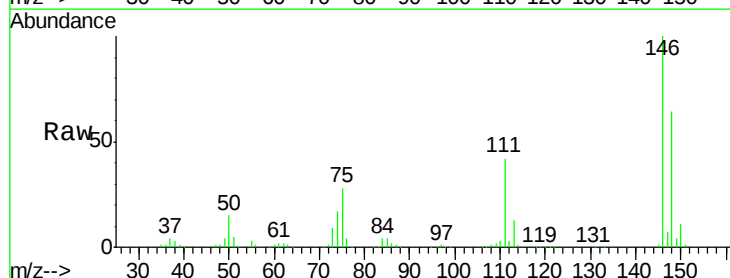
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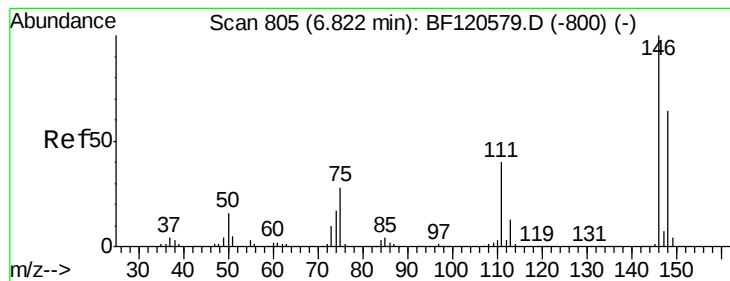
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.311 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	146	Resp	495658
Ion Ratio	100	Lower	Upper
146	100		
148	64.4	50.6	76.0
75	28.0	22.6	33.8





#13

1,4-Dichlorobenzene

Concen: 43.148 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

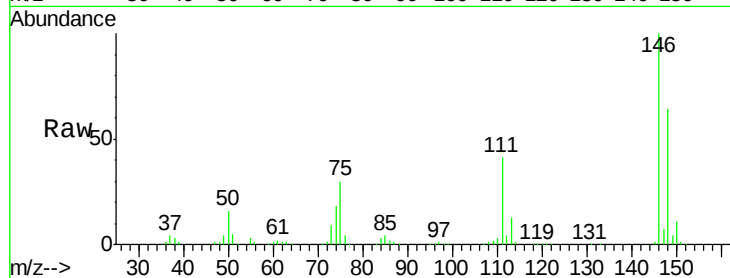
ClientSampleId :

ICVBF060920

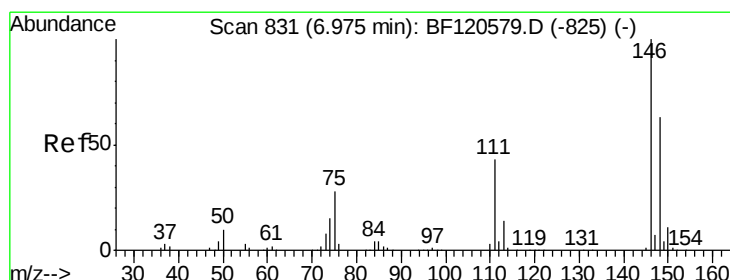
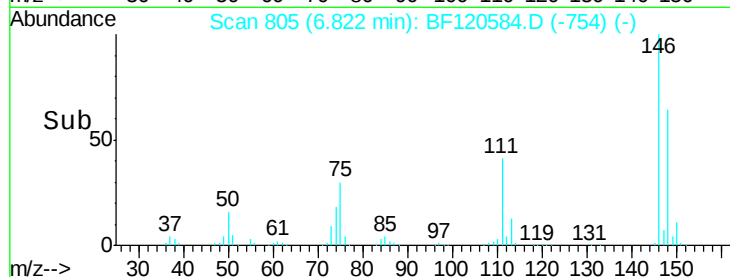
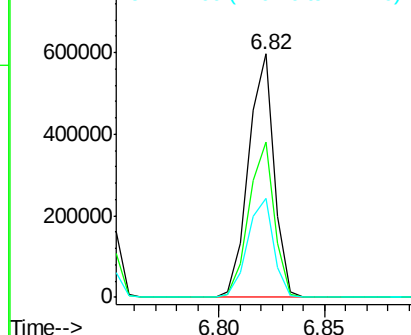
Tot Ion:	146	Resp:	498823
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.9	76.3
111	40.6	32.5	48.7

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.206 ng

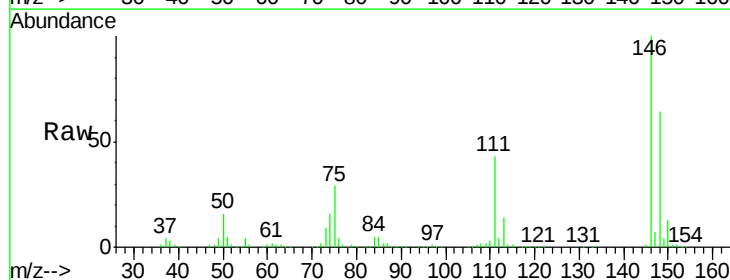
RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

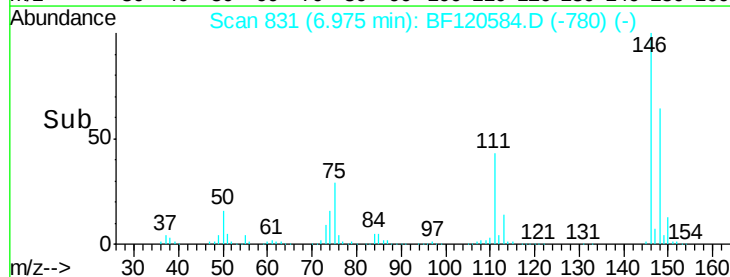
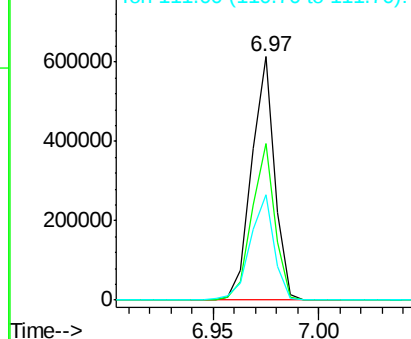
Lab File: BF120584.D

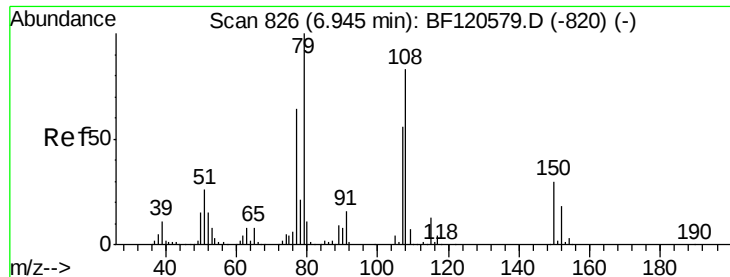
Acq: 9 Jun 2020 17:58

Tgt Ion:	146	Resp:	464445
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	76.0
111	43.4	34.4	51.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.031 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

Tot Ion: 79 Resp: 375559

Ion Ratio Lower Upper

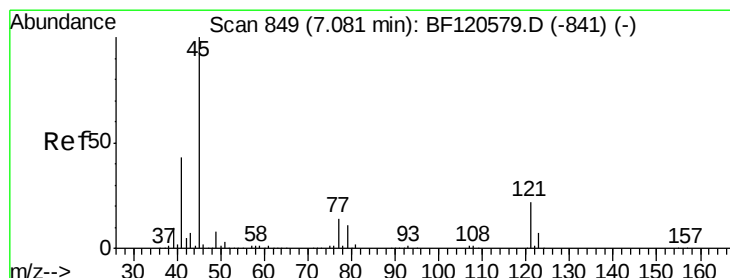
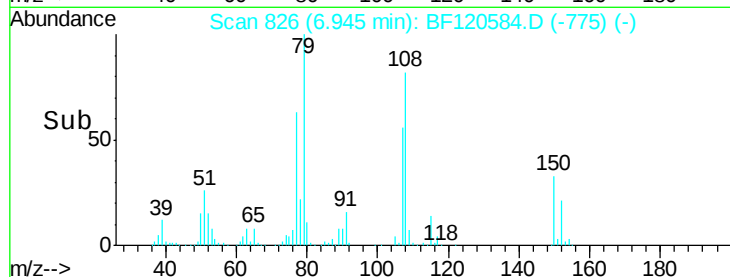
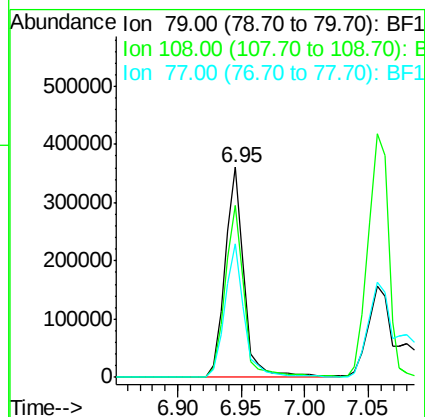
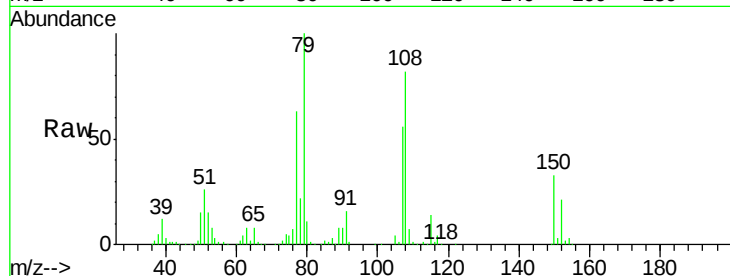
79 100

108 82.0 66.2 99.4

77 63.5 50.9 76.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.731 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

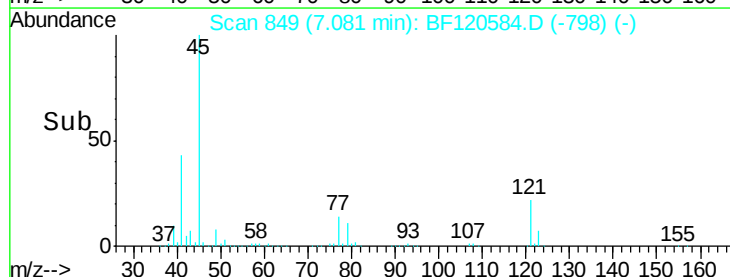
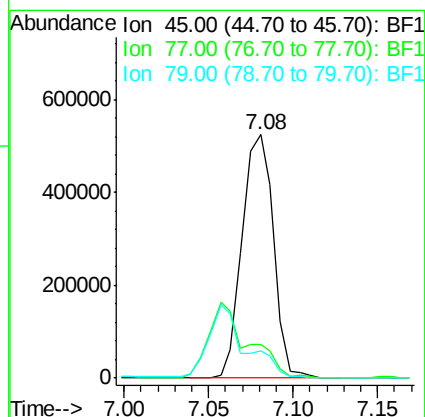
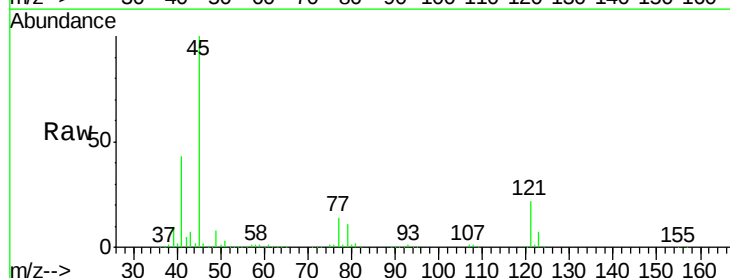
Tgt Ion: 45 Resp: 677139

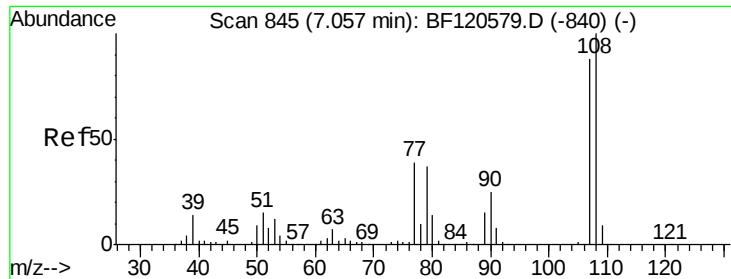
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.9

79 11.2 0.0 31.0





#17

2-Methylphenol

Concen: 44.180 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

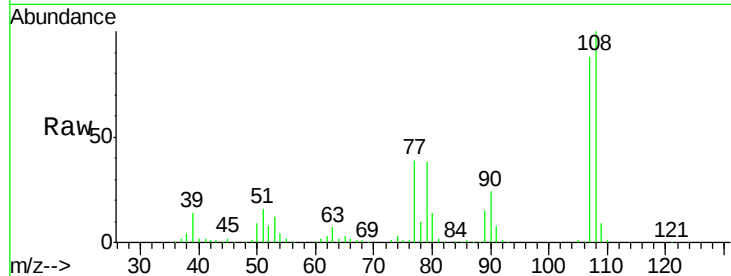
ClientSampleId :

ICVBF060920

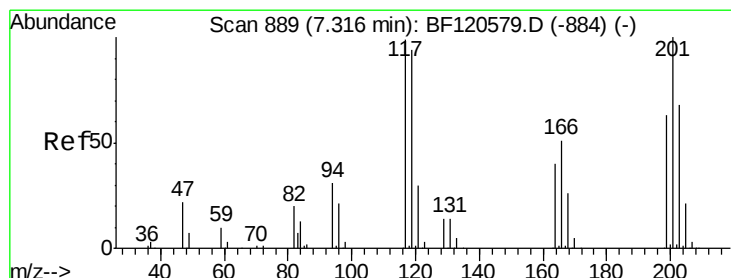
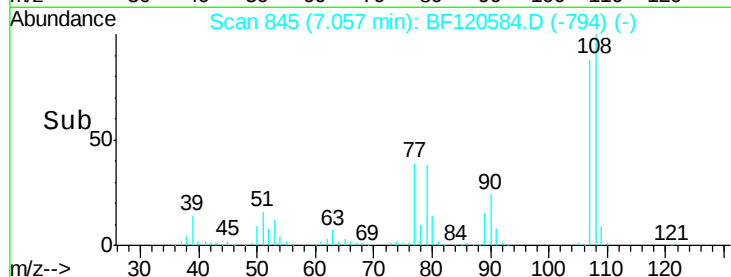
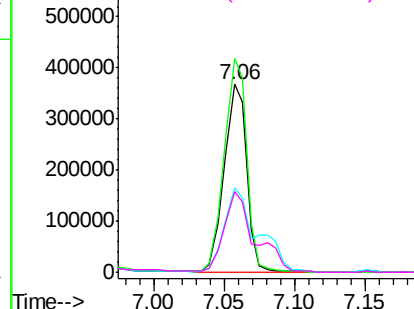
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		407851		
108	113.9	91.0	136.6		
77	44.7	35.8	53.6		
79	42.8	34.3	51.5		

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



#18

Hexachloroethane

Concen: 43.322 ng

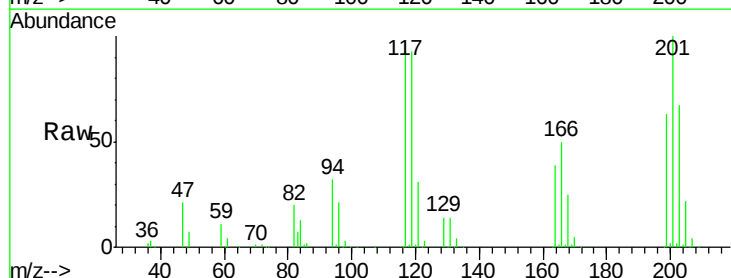
RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

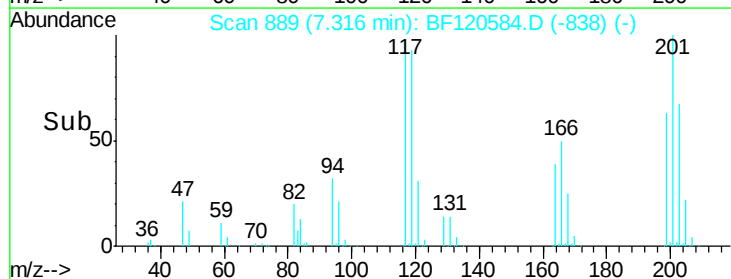
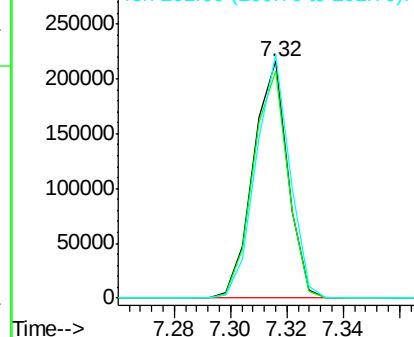
Lab File: BF120584.D

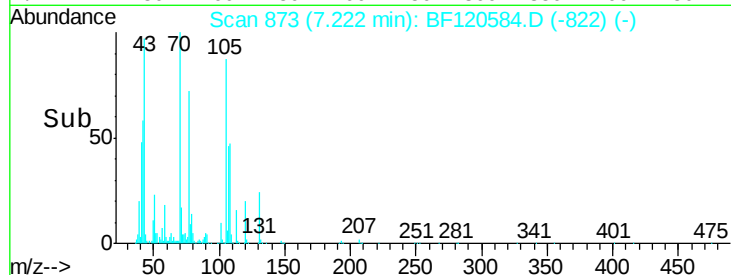
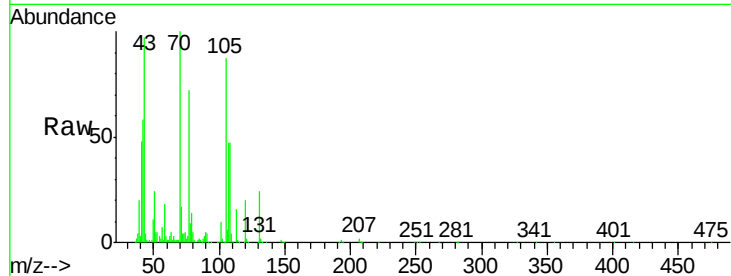
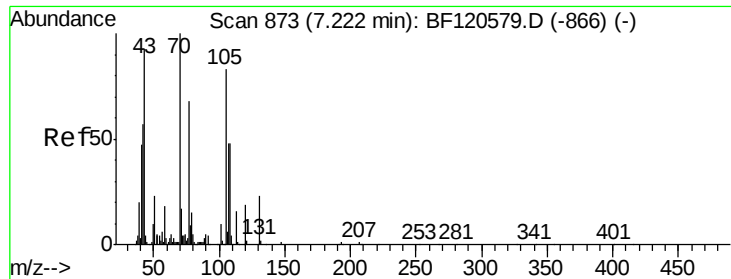
Acq: 9 Jun 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		183190		
119	96.2	75.8	113.8		
201	102.9	80.6	120.8		



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





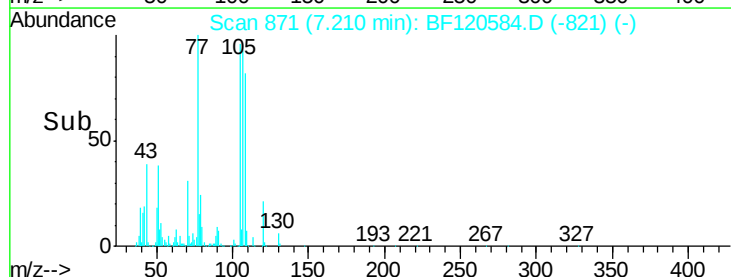
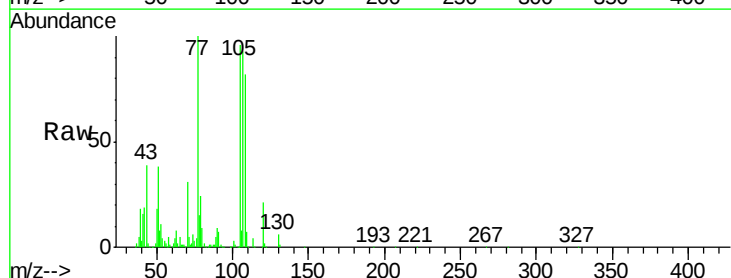
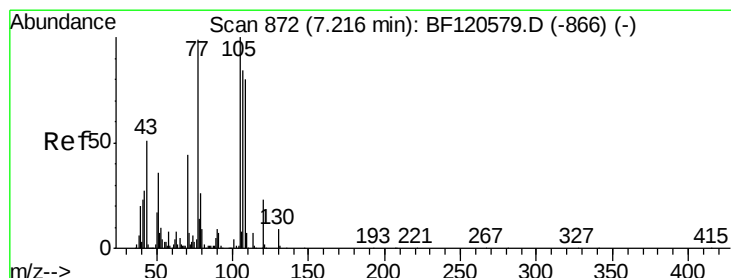
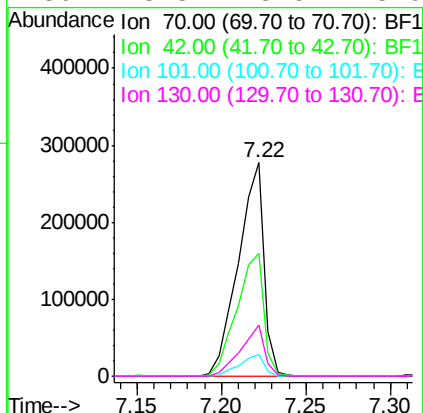
#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		294865		
42	57.7	45.8	68.6		
101	10.1	7.8	11.6		
130	23.8	18.6	28.0		

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

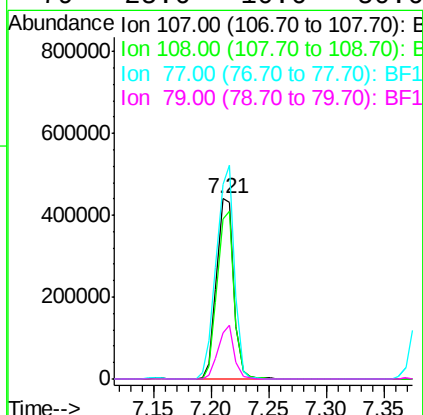
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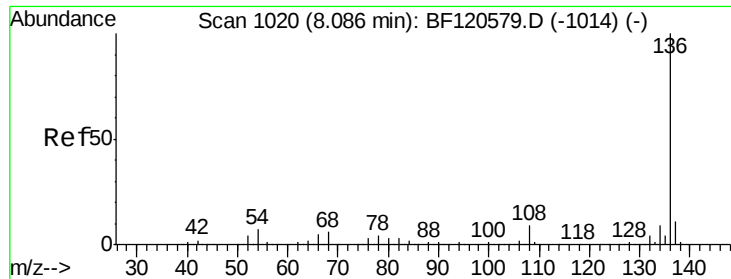
mohammad
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#20
3+4-Methylphenols
Concen: 39.943 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		459825		
108	88.7	74.9	114.9		
77	108.0	97.6	137.6		
79	25.6	10.6	50.6		





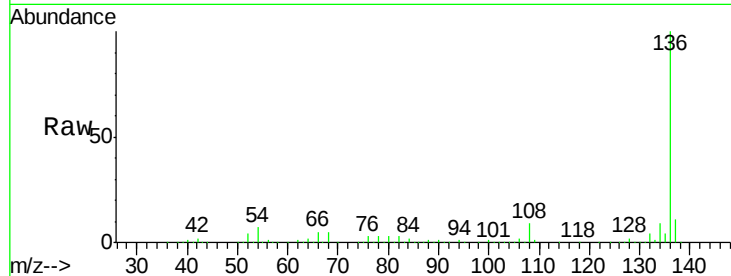
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

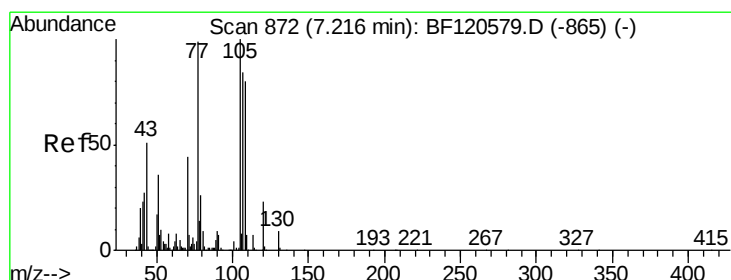
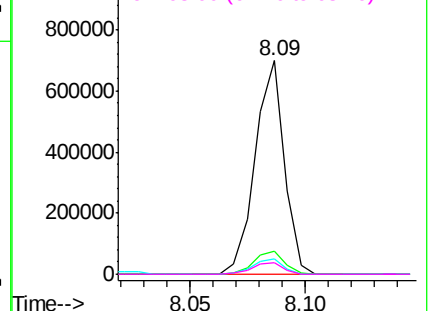
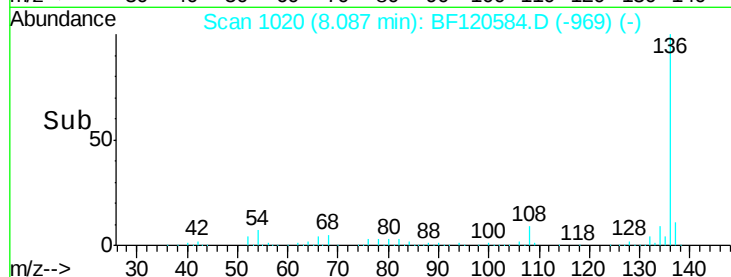
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		619078		
137	10.8		8.6	13.0	
54	6.9		5.8	8.6	
68	5.3		4.5	6.7	

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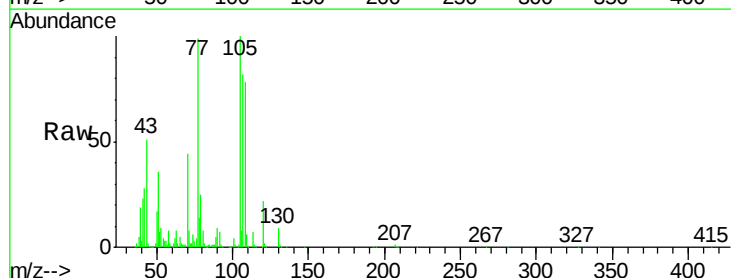


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

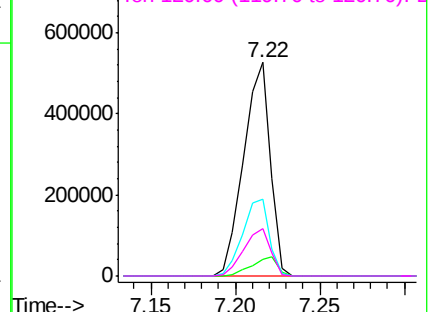
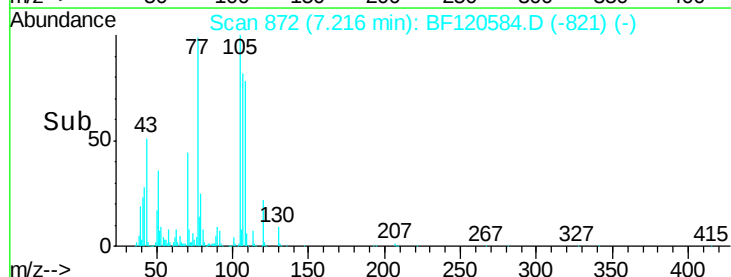


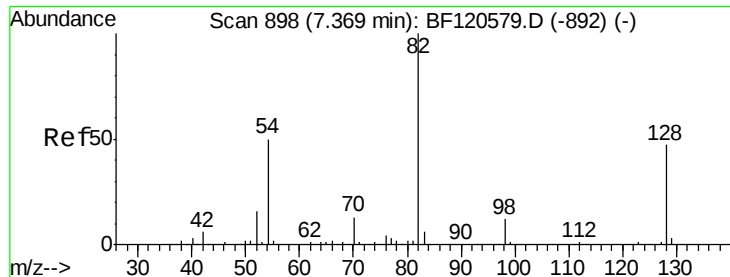
#22
Acetophenone
Concen: 45.466 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		578648		
71	7.5		5.8	8.8	
51	35.7		28.7	43.1	
120	22.4		18.2	27.2	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





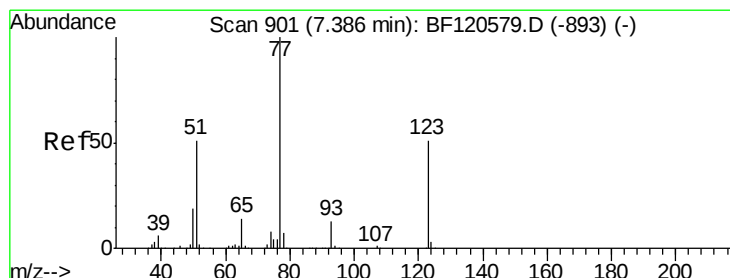
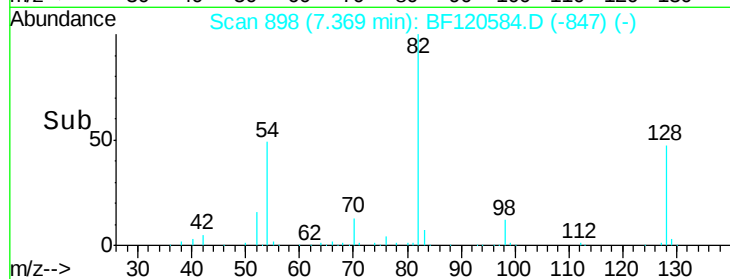
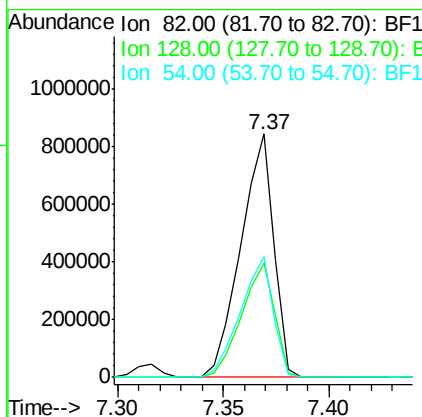
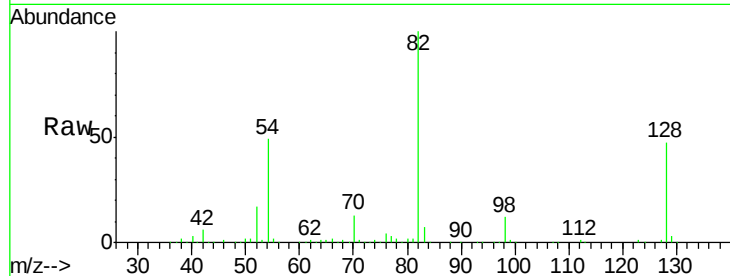
#23
 Nitrobenzene-d5
 Concen: 92.136 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.5	56.3
54	49.5	39.8	59.6

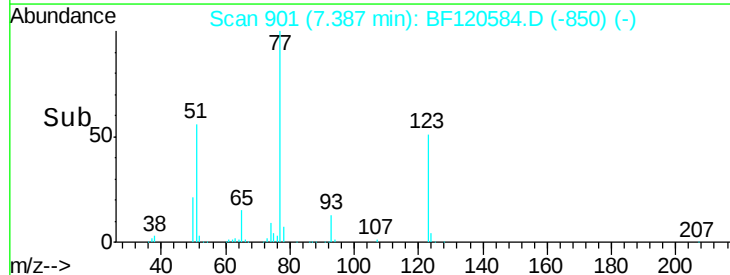
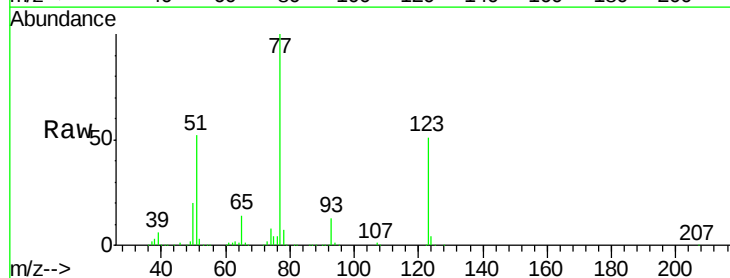
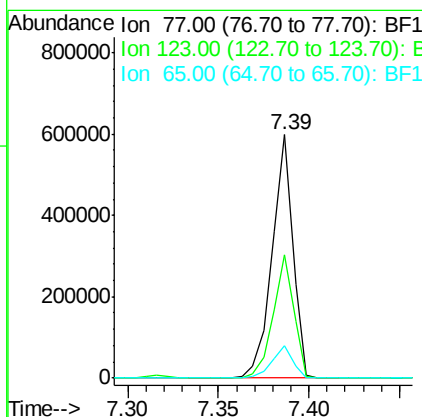
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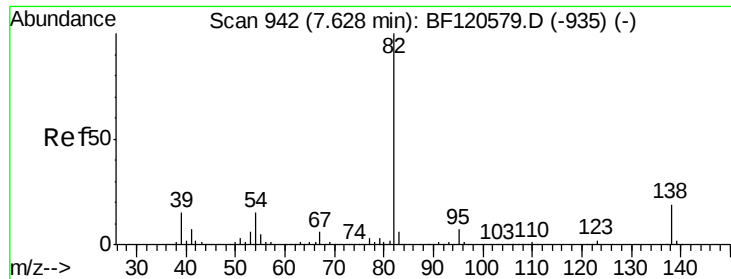
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#24
 Nitrobenzene
 Concen: 45.790 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	40.5	60.7
65	13.5	10.9	16.3





#25

Isophorone

Concen: 45.178 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

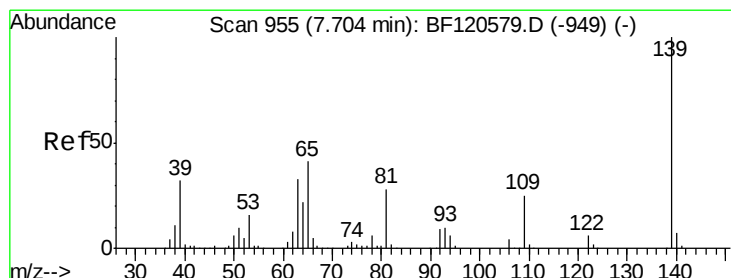
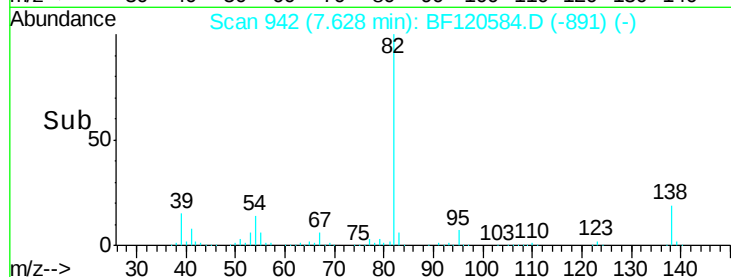
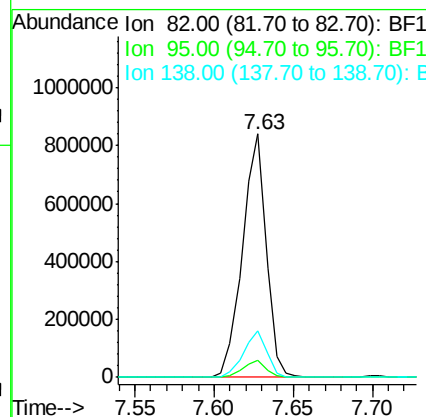
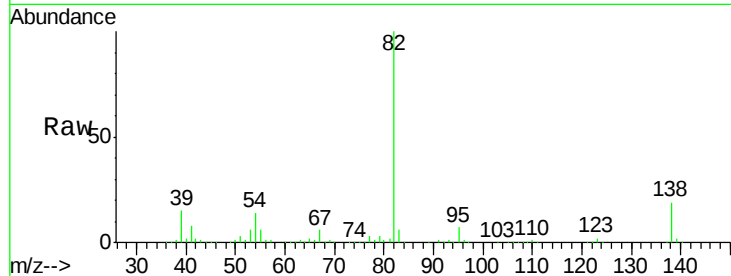
ClientSampleId :

ICVBF060920

Tot Ion:	82	Resp:	867749
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	19.3	15.4	23.2

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#26

2-Nitrophenol

Concen: 45.910 ng

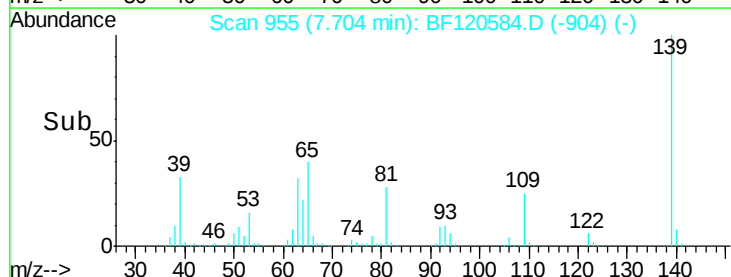
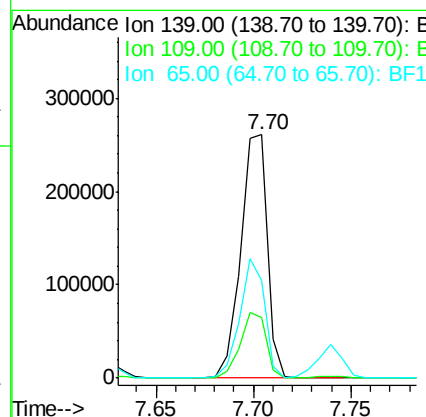
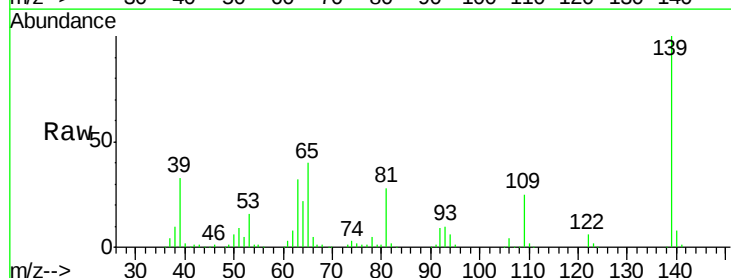
RT: 7.70 min Scan# 955

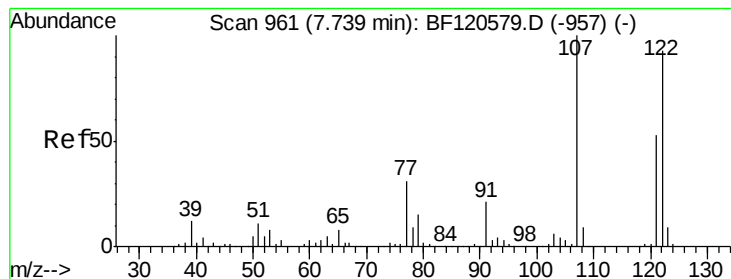
Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:	139	Resp:	246796
Ion Ratio	Lower	Upper	
139	100		
109	25.0	20.2	30.2
65	40.4	32.9	49.3





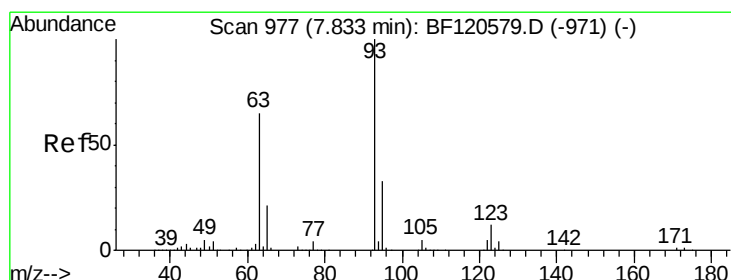
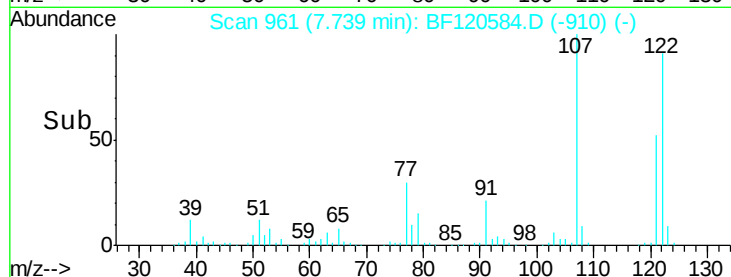
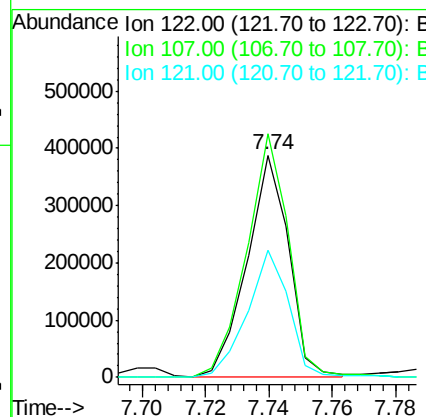
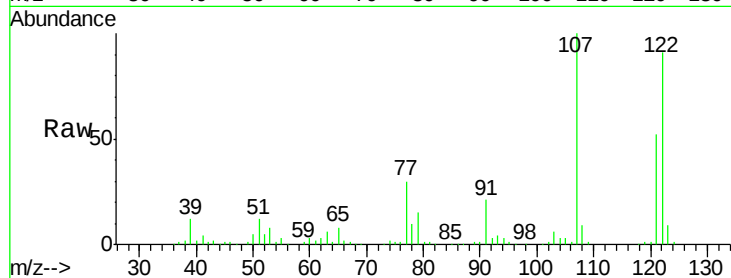
#27
2,4-Dimethylphenol
Concen: 45.291 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampled :
ICVBF060920

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	86.3	129.5
121	57.5	45.4	68.2

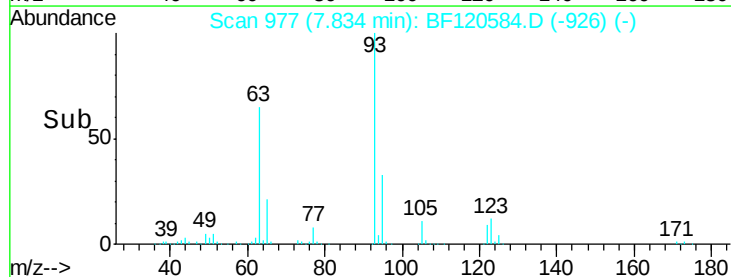
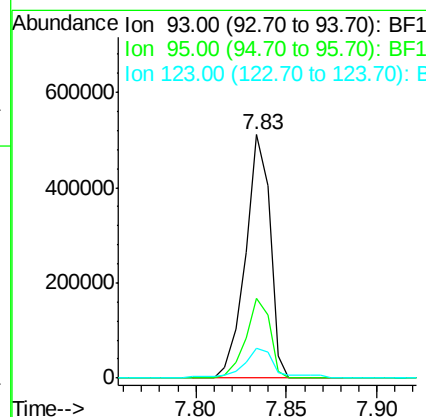
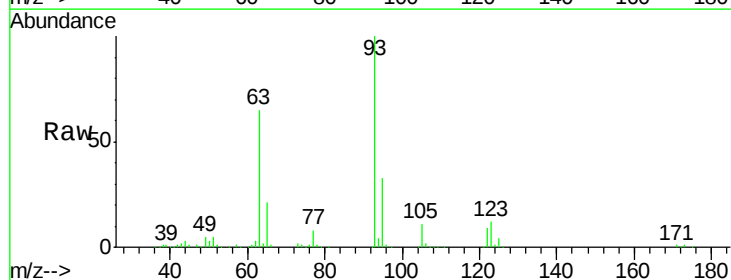
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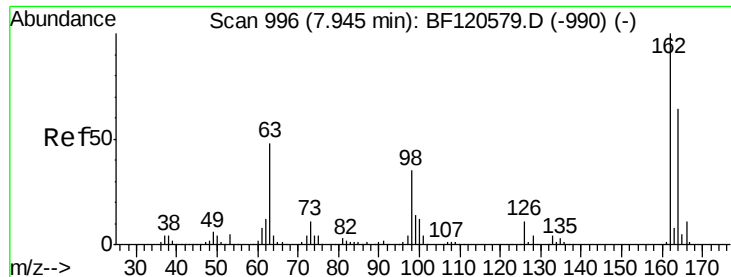
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.931 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	12.4	9.5	14.3





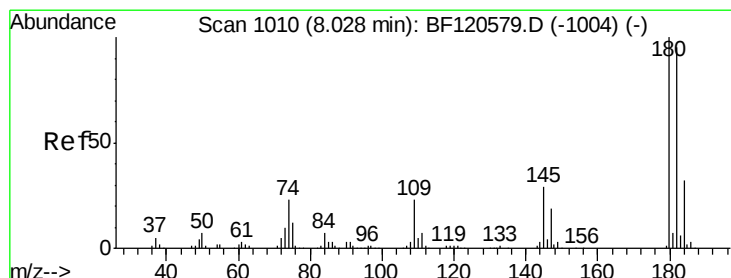
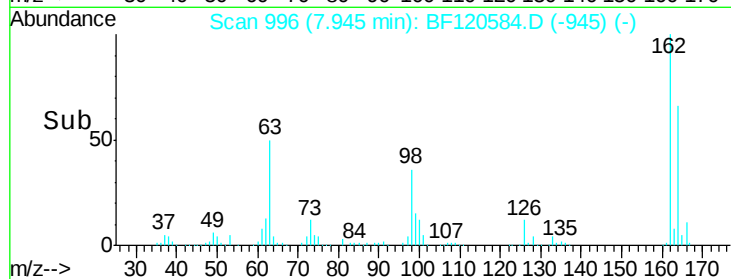
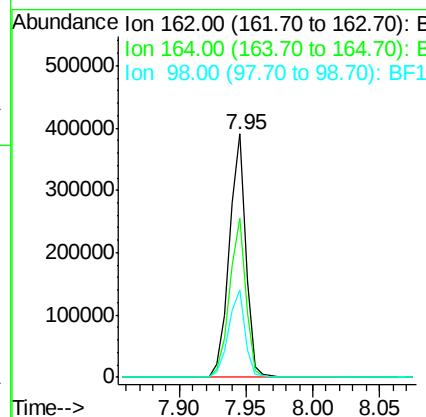
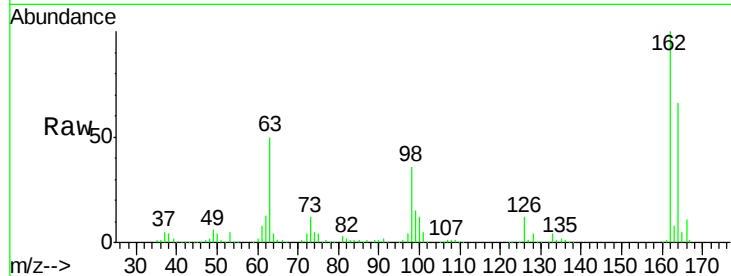
#29
2,4-Dichlorophenol
Concen: 42.043 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:	162	Resp:	345565
Ion Ratio	Lower	Upper	
162	100		
164	65.6	44.1	84.1
98	36.1	14.6	54.6

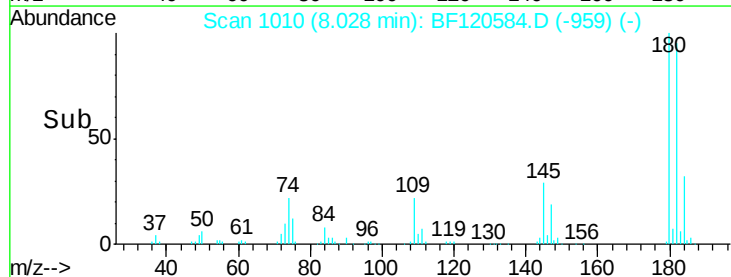
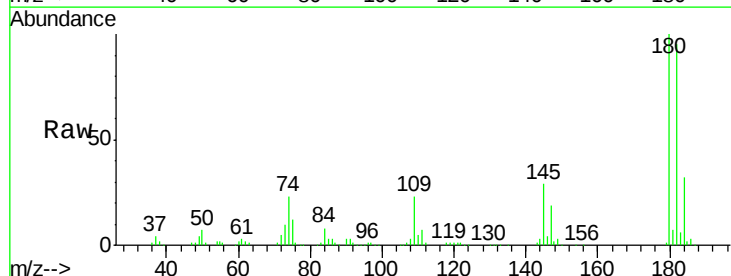
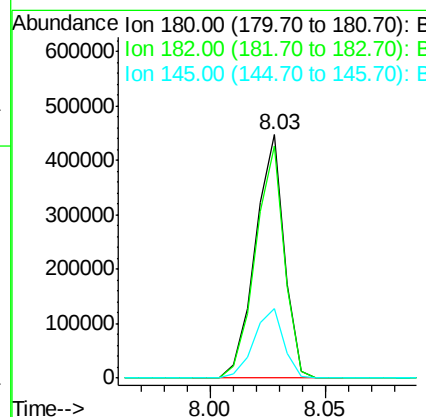
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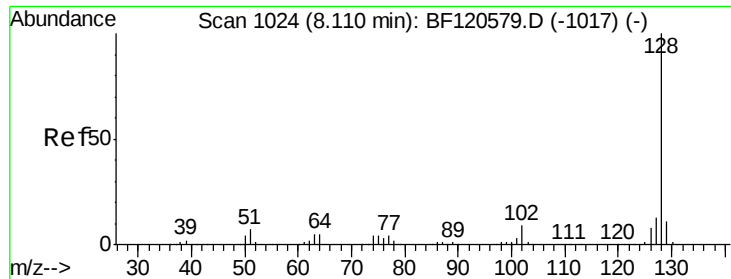
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.328 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:	180	Resp:	390449
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.2	114.4
145	28.8	23.0	34.6





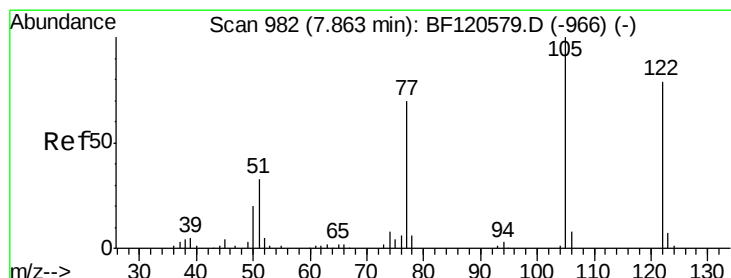
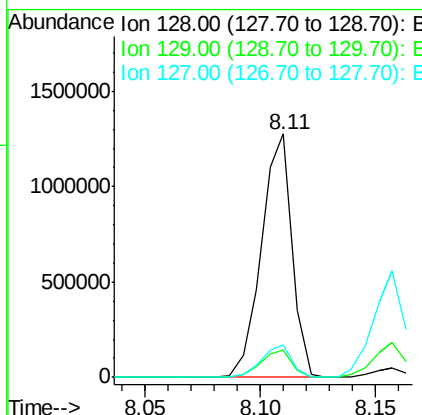
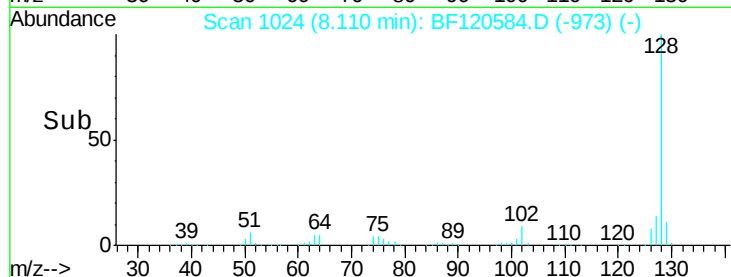
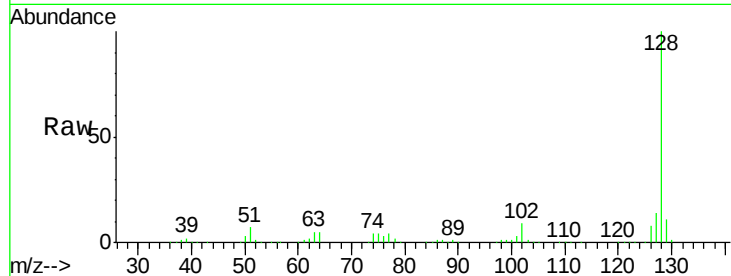
#31
Naphthalene
Concen: 42.402 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:128 Resp: 1177768
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.7 16.1

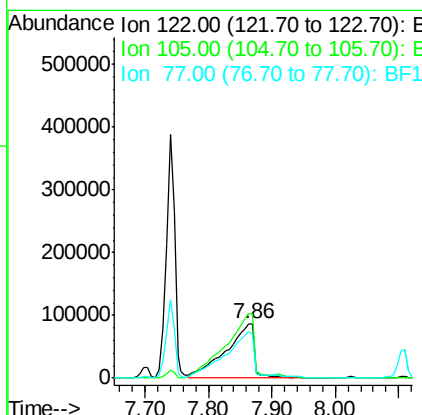
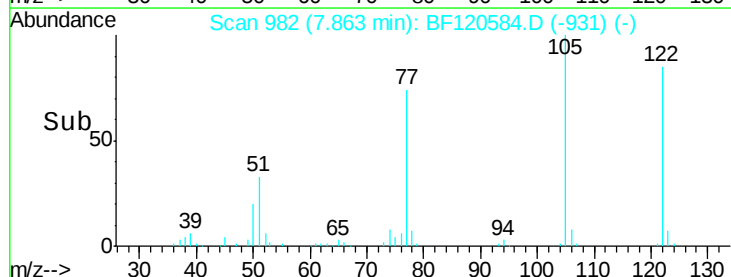
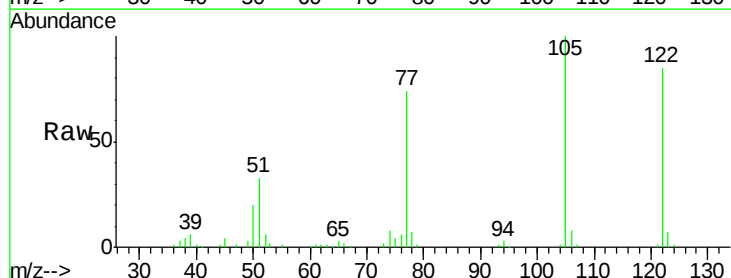
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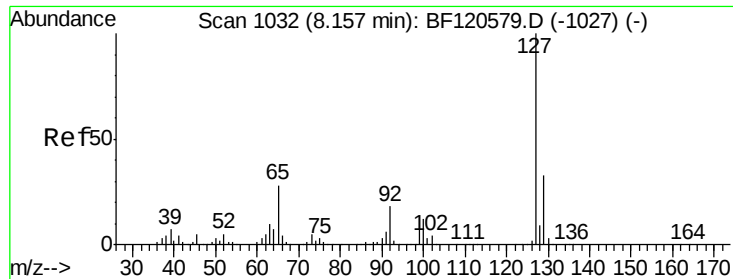
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#32
Benzoic acid
Concen: 41.952 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:122 Resp: 269888
Ion Ratio Lower Upper
122 100
105 117.0 101.1 141.1
77 86.0 66.8 106.8





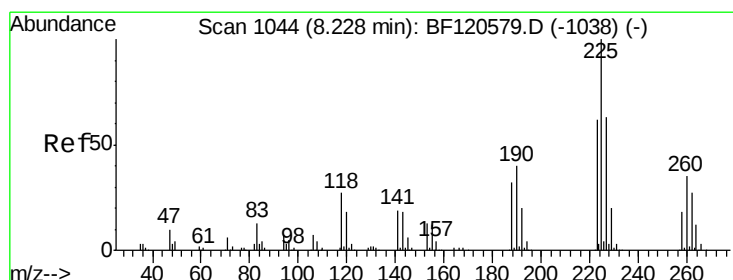
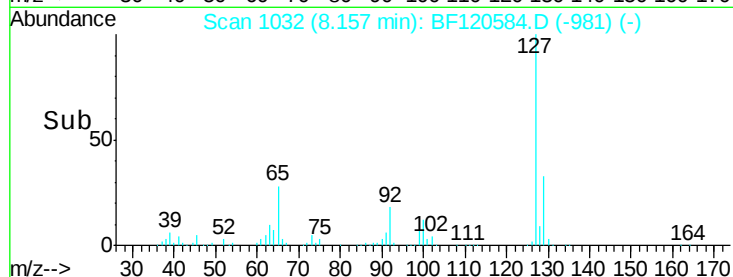
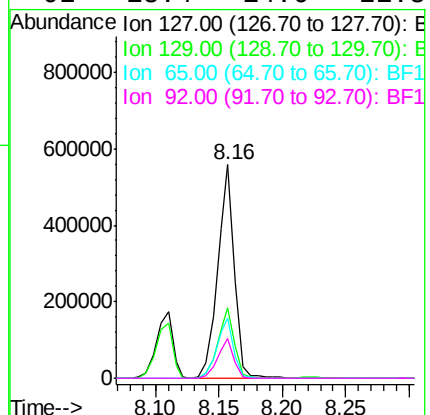
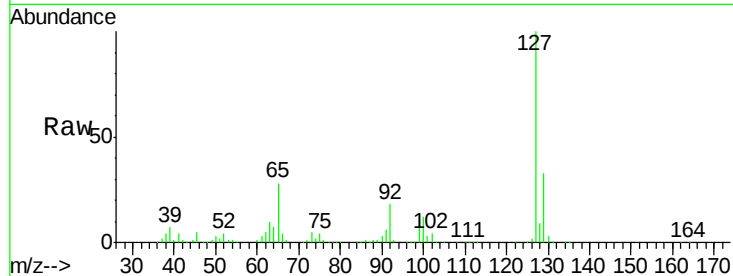
#33
4-Chloroaniline
Concen: 41.725 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		517268		
129	33.1	26.2	39.2		
65	28.0	22.6	33.8		
92	18.4	14.6	21.8		

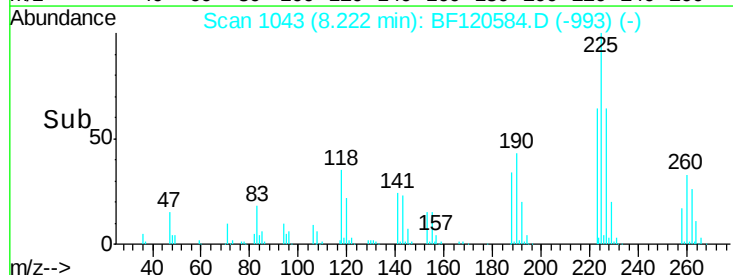
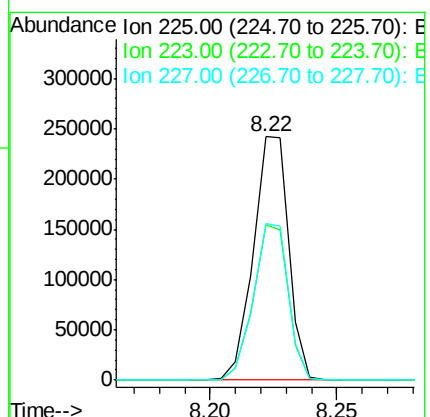
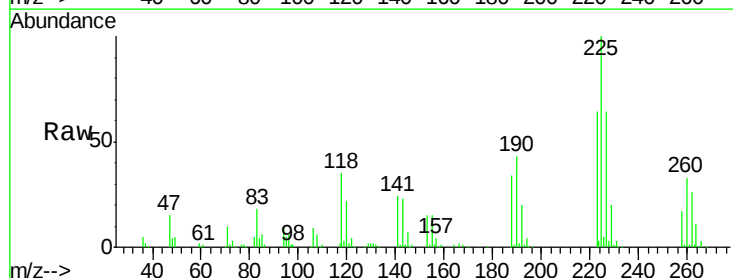
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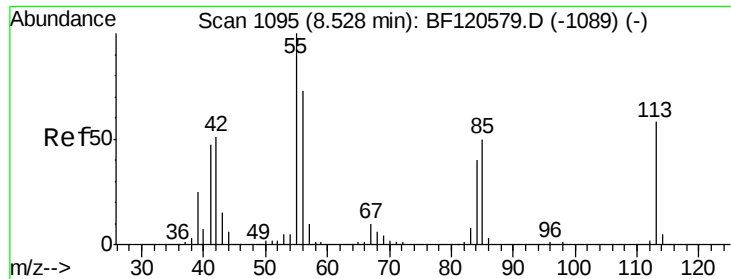
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#34
Hexachlorobutadiene
Concen: 43.585 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		234986		
223	63.7	49.5	74.3		
227	64.1	50.6	76.0		





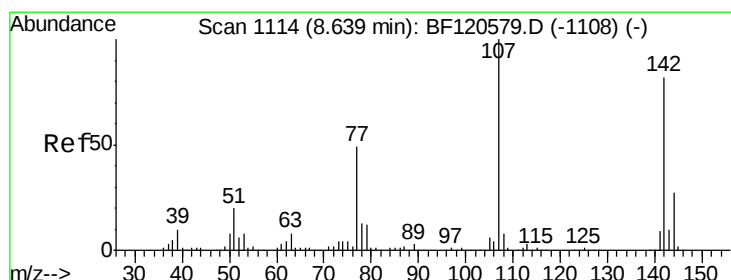
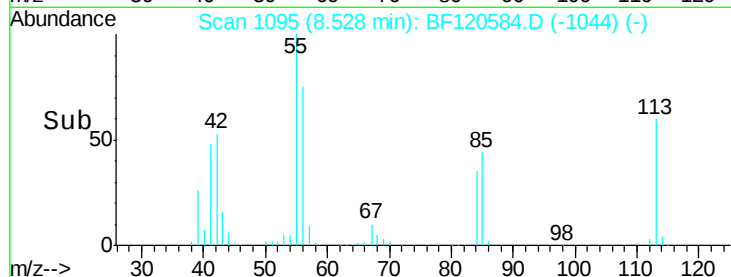
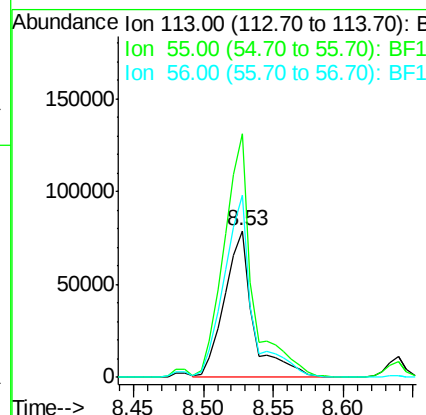
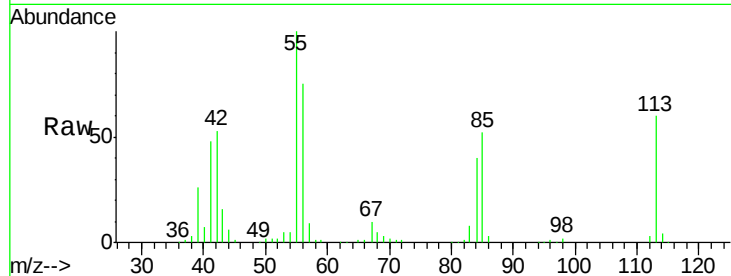
#35
 Caprolactam
 Concen: 40.393 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.0	152.8	192.8
56	124.0	105.9	145.9

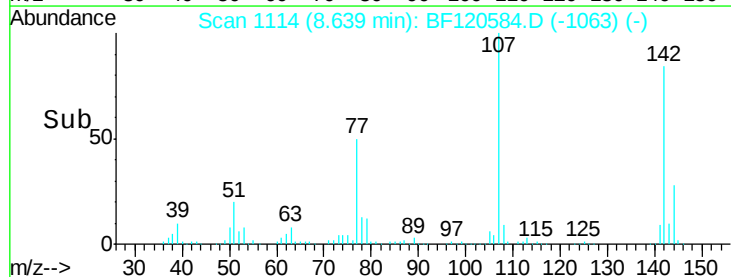
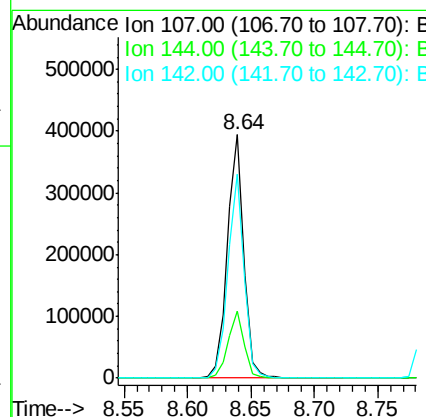
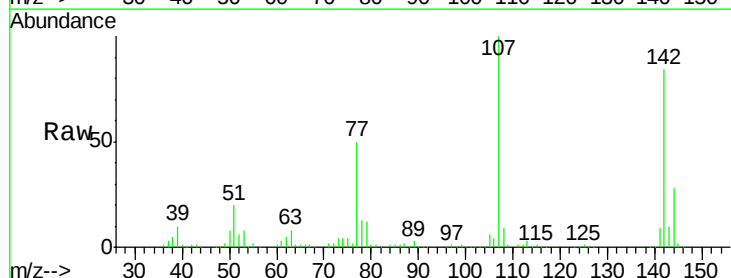
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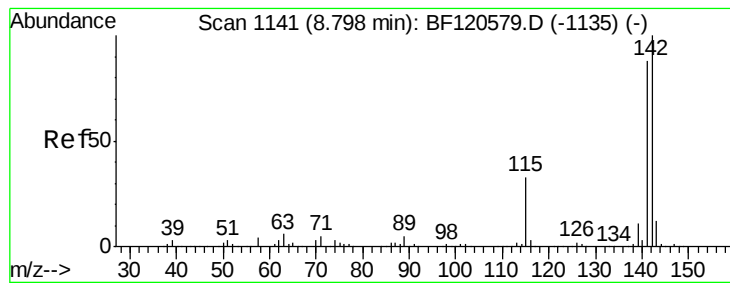
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.793 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.6	32.4
142	83.6	65.8	98.8





#37

2-Methylnaphthalene

Concen: 42.500 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

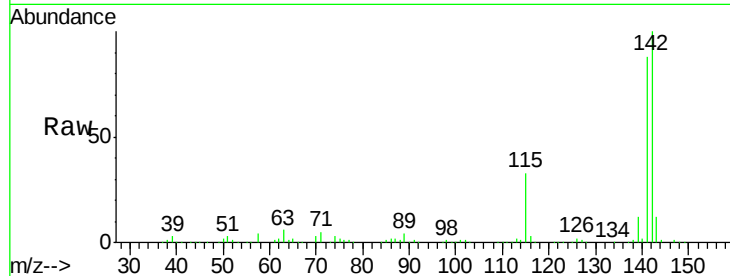
ClientSampleId :

ICVBF060920

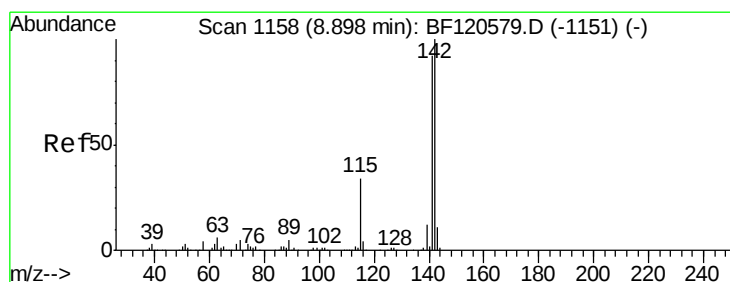
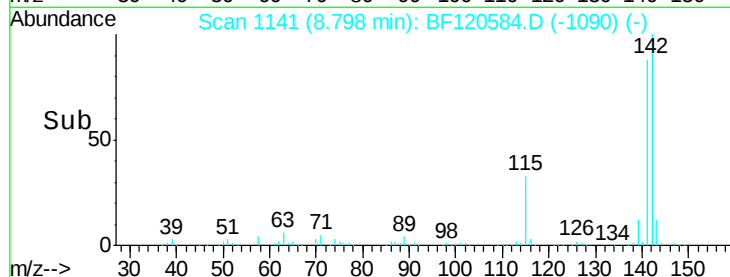
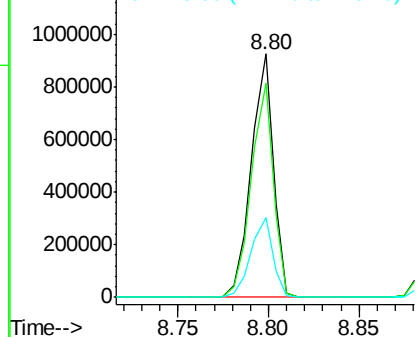
Tot Ion:	142	Resp:	785987
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.2	105.2
115	32.7	26.6	39.8

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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: 43.660 ng

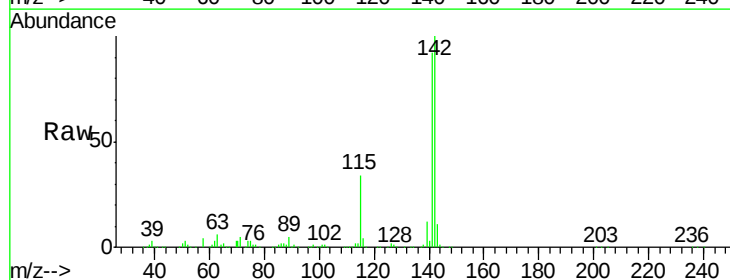
RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

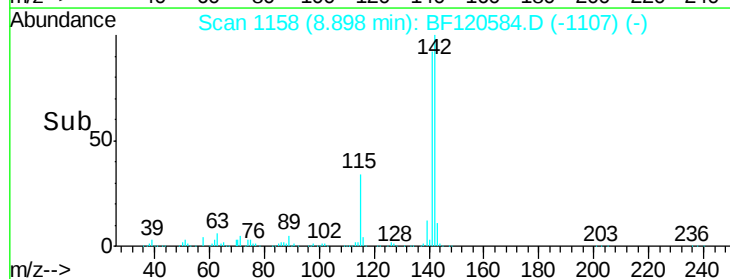
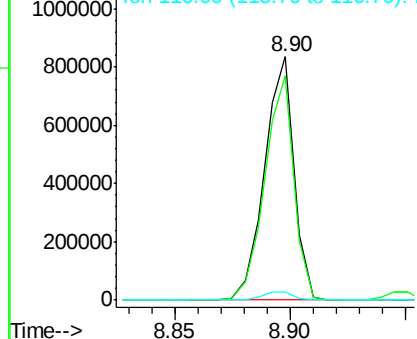
Lab File: BF120584.D

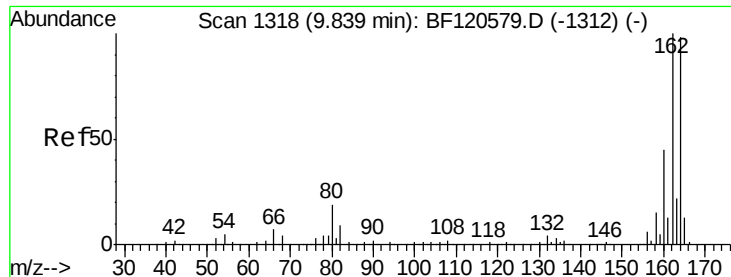
Acq: 9 Jun 2020 17:58

Tgt Ion:	142	Resp:	739640
Ion Ratio	Lower	Upper	
142	100		
141	92.1	73.3	109.9
116	3.5	2.9	4.3



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: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

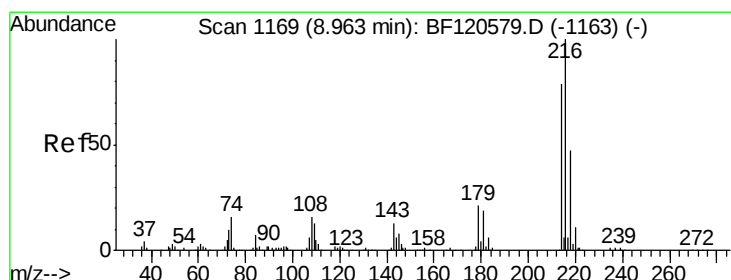
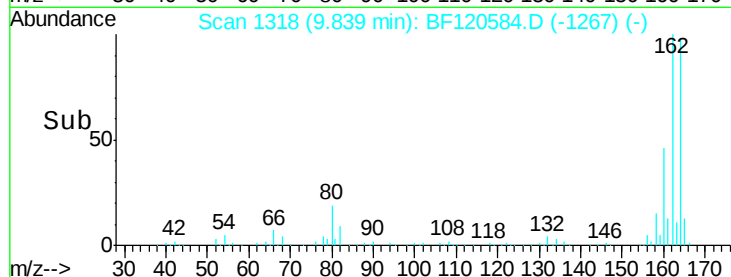
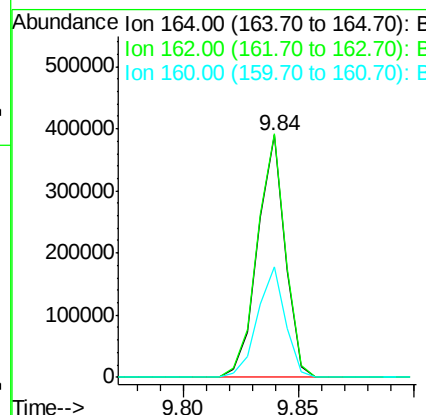
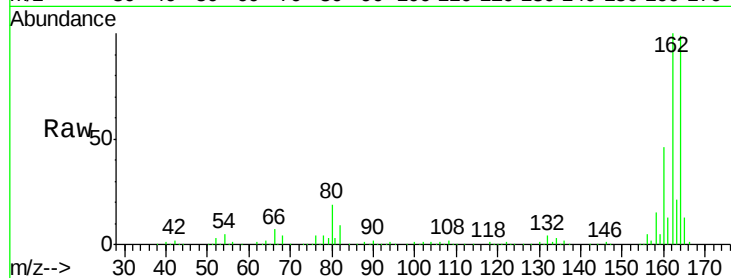
ClientSampleId :

ICVBF060920

Tot Ion:	164	Resp:	326643
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.4	122.2
160	45.8	36.6	54.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.270 ng

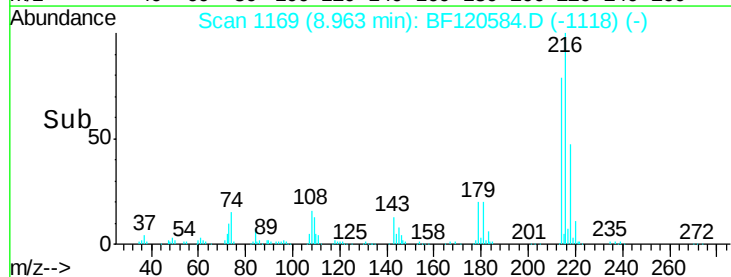
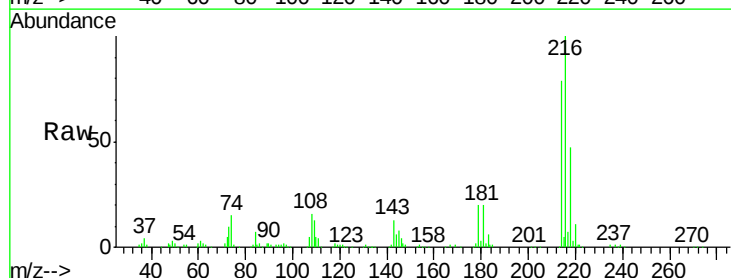
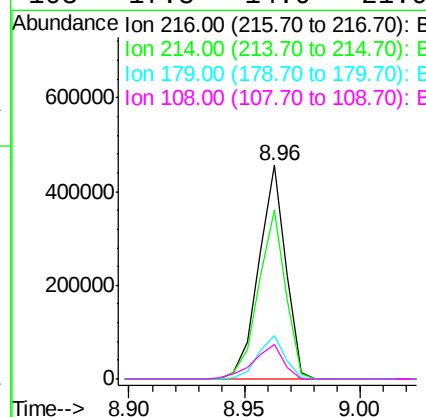
RT: 8.96 min Scan# 1169

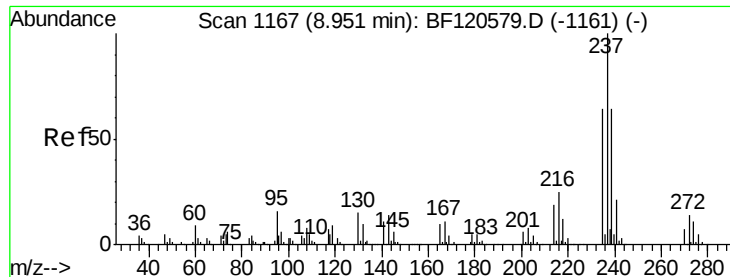
Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:	216	Resp:	373763
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.8	94.2
179	20.3	16.2	24.2
108	17.8	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 43.222 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

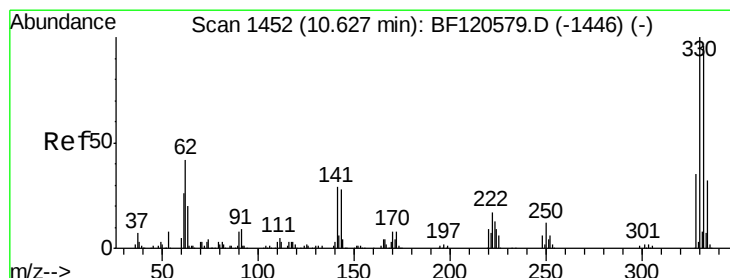
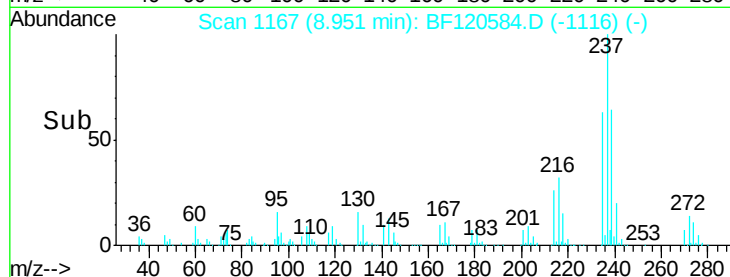
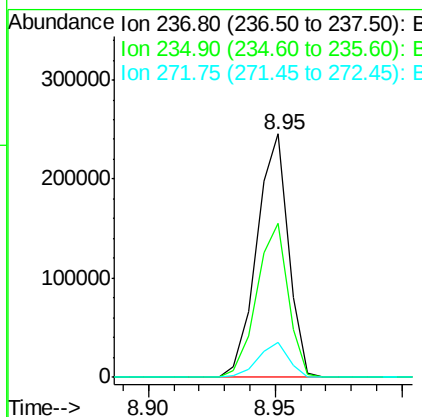
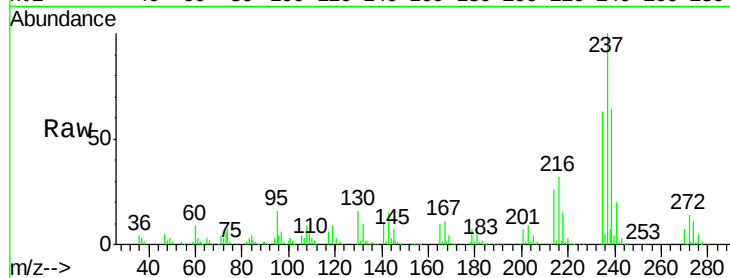
ClientSampleId :

ICVBF060920

Tot Ion:	237	Resp:	213470
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.2	84.2
272	14.1	0.0	34.0

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#42

2,4,6-Tribromophenol

Concen: 85.679 ng

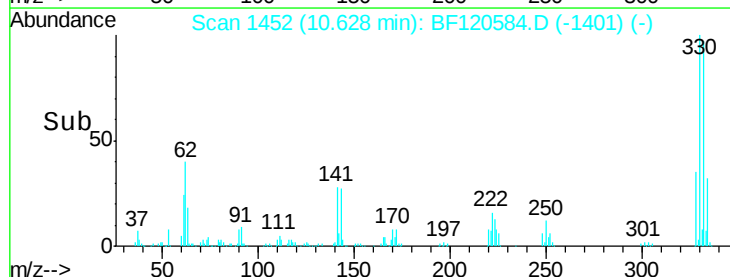
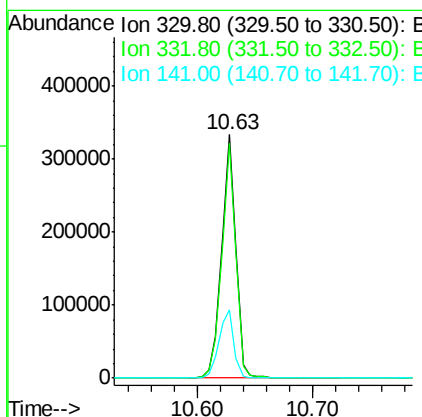
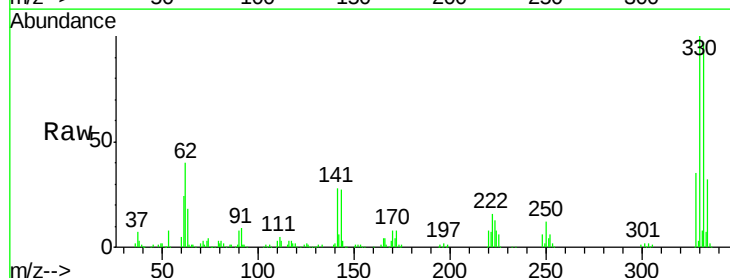
RT: 10.63 min Scan# 1452

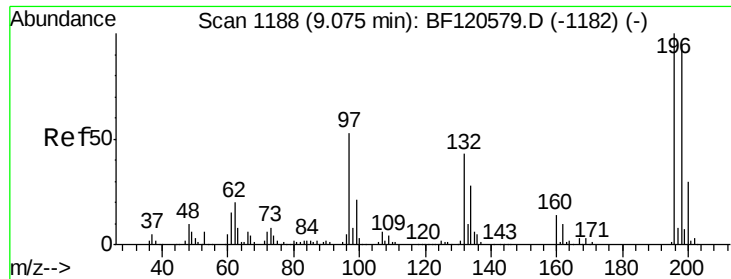
Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:	330	Resp:	288858
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.4
141	29.0	23.5	35.3





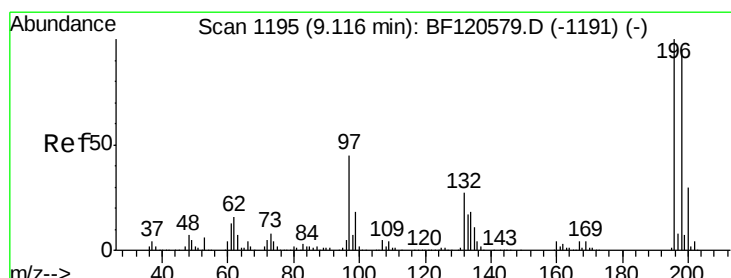
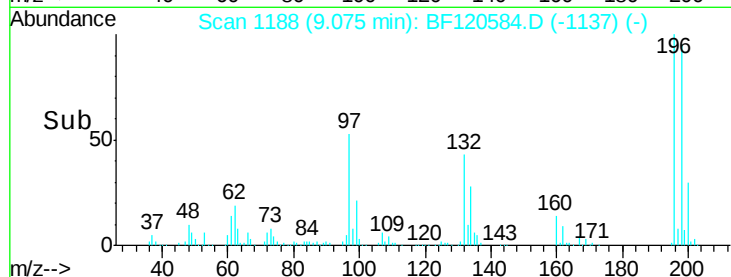
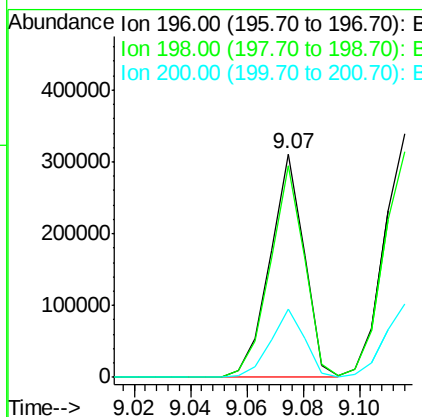
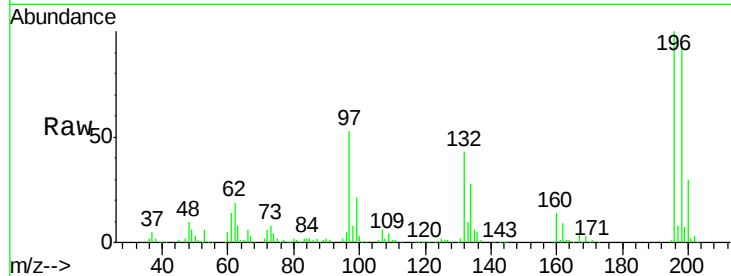
#43
 2,4,6-Trichlorophenol
 Concen: 42.802 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion:	196	Resp:	262295
Ion Ratio	Lower	Upper	
196	100		
198	94.7	76.2	114.2
200	30.3	24.2	36.4

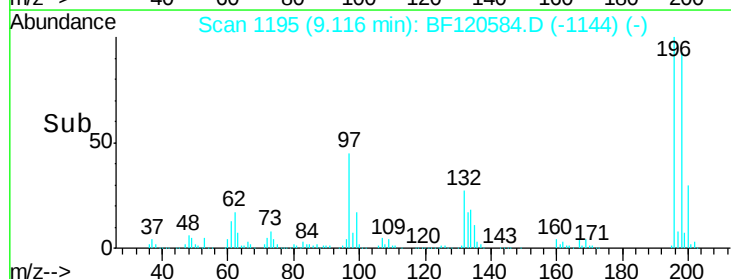
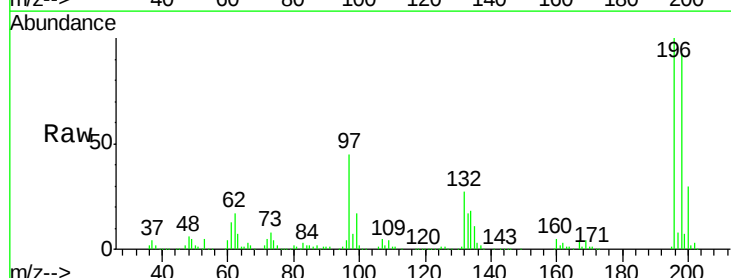
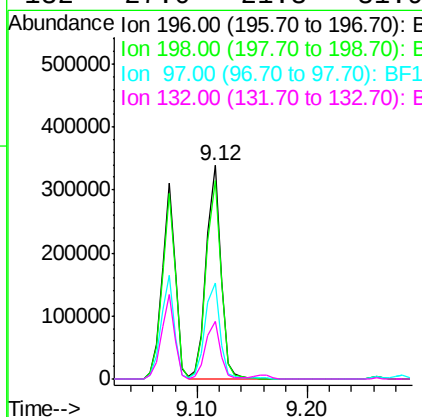
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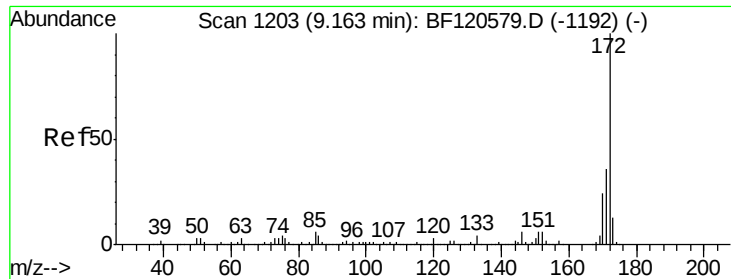
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#44
 2,4,5-Trichlorophenol
 Concen: 43.255 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion:	196	Resp:	301374
Ion Ratio	Lower	Upper	
196	100		
198	92.8	76.2	114.4
97	45.2	36.2	54.4
132	27.0	21.3	31.9





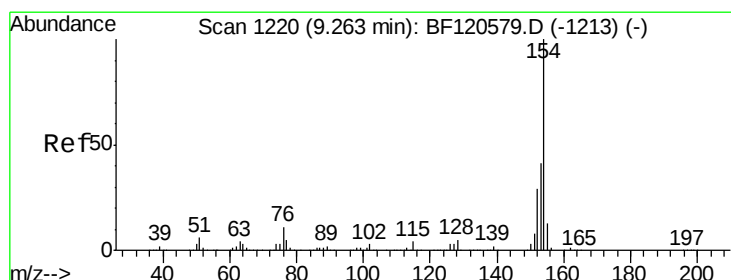
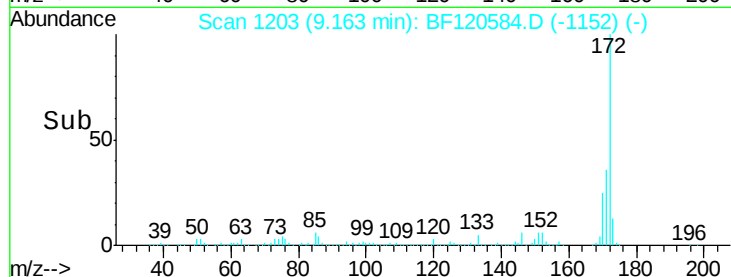
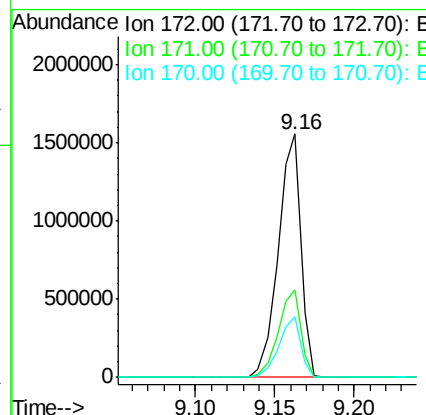
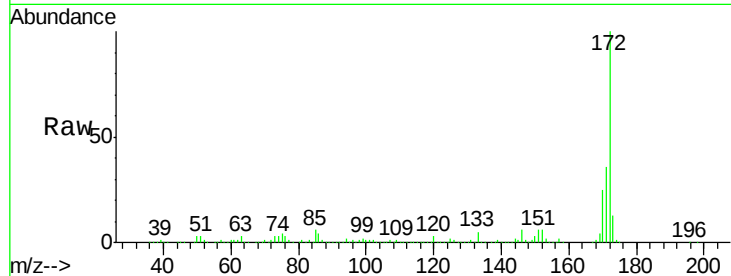
#45
2-Fluorobiphenyl
Concen: 79.148 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.7	19.5	29.3

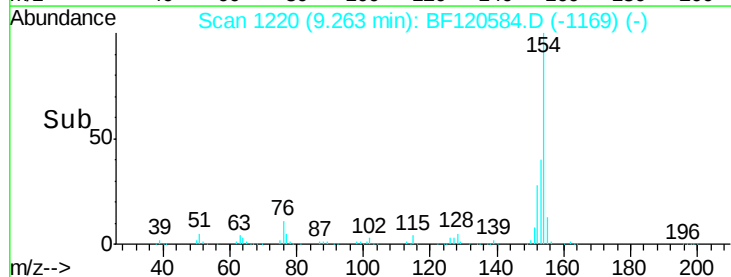
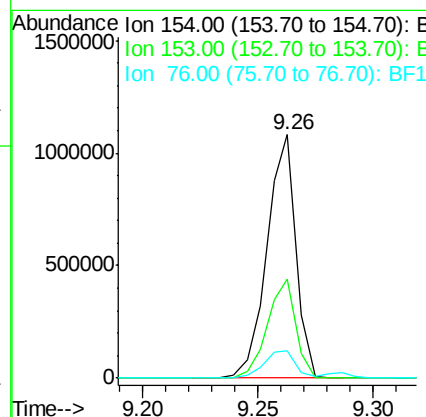
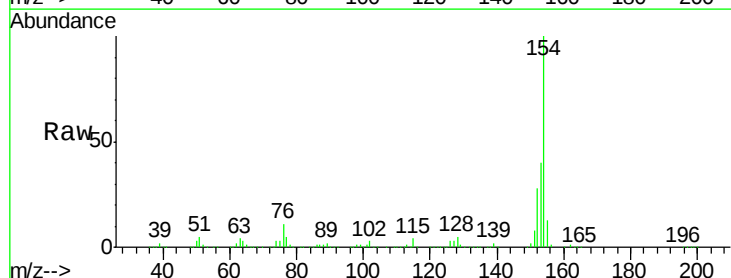
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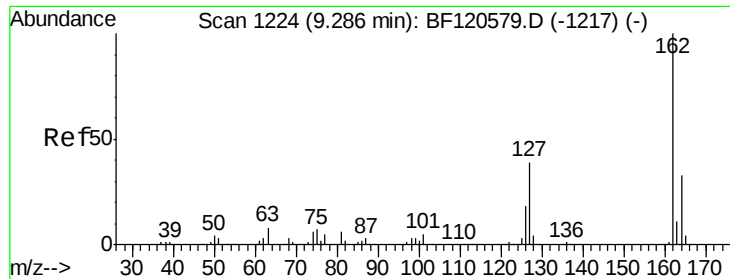
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#46
1,1'-Biphenyl
Concen: 42.347 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	11.3	0.0	31.4





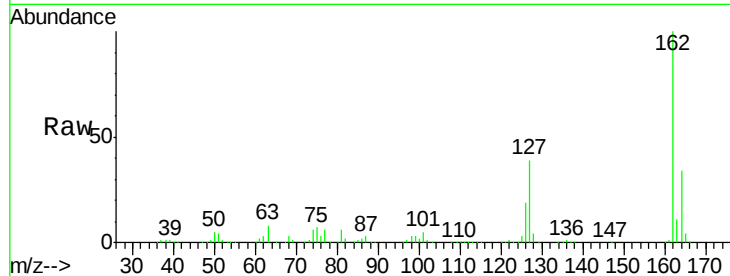
#47
2-Chloronaphthalene
Concen: 42.015 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

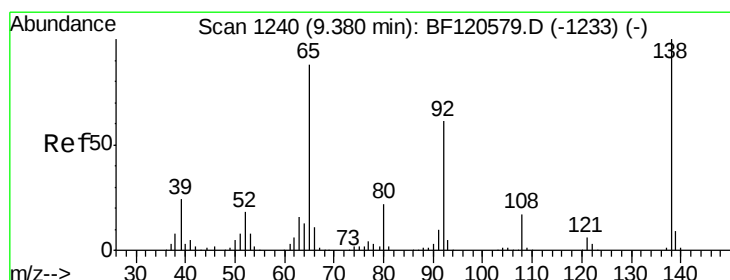
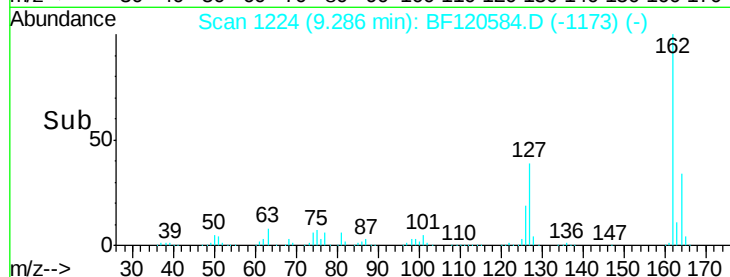
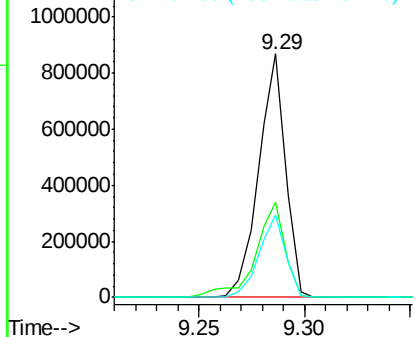
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.2	46.8
164	33.7	26.6	39.8

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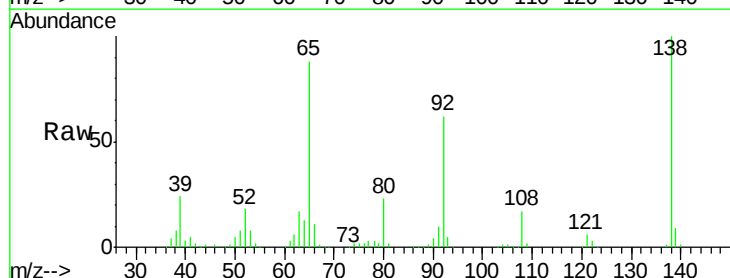


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

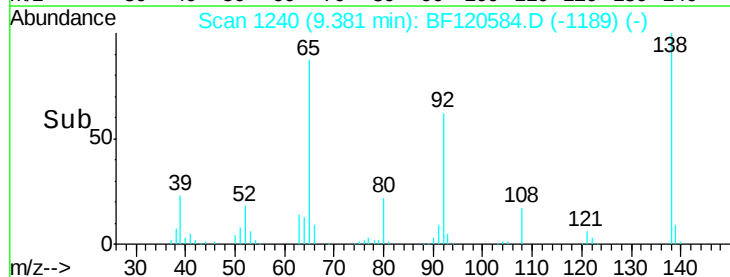
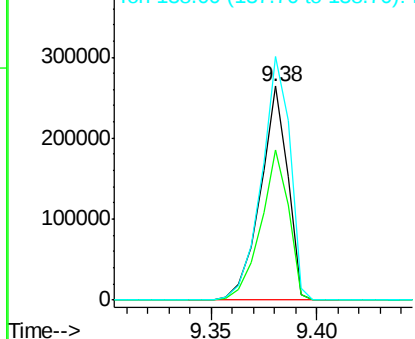


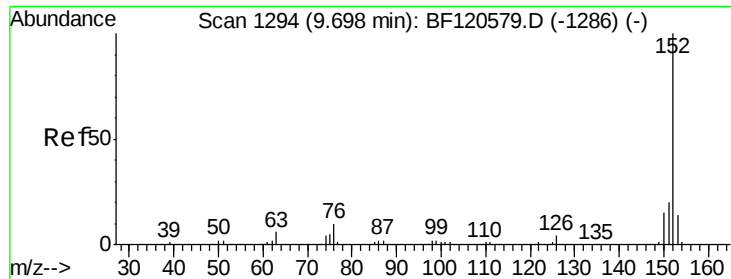
#48
2-Nitroaniline
Concen: 41.785 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.6	83.4
138	113.9	91.2	136.8



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: 43.198 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

Tot Ion:152 Resp: 1195091

Ion Ratio Lower Upper

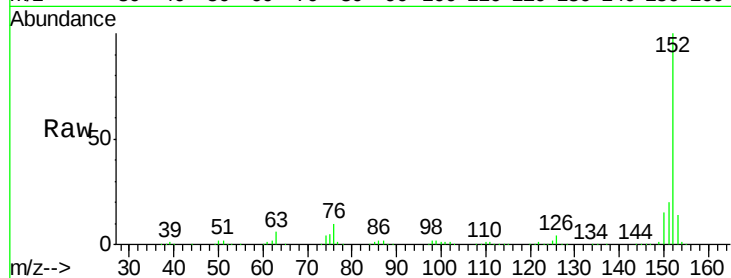
152 100

151 20.4 16.3 24.5

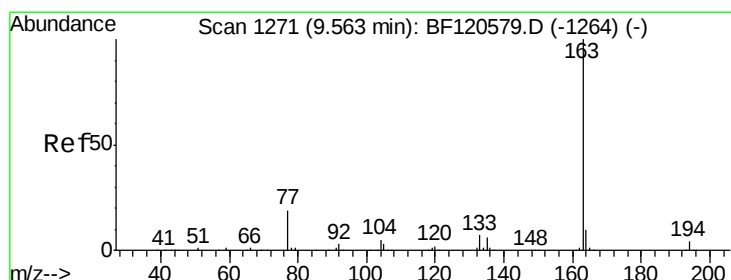
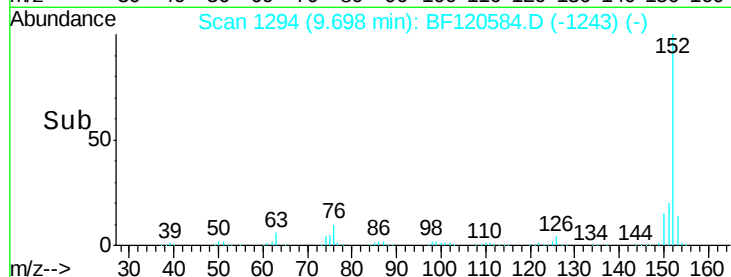
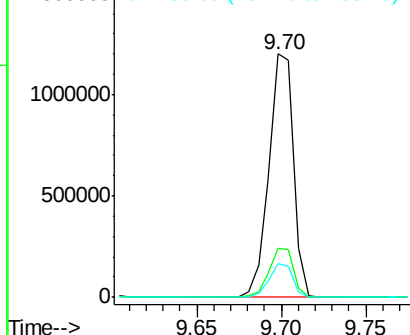
153 13.7 11.0 16.6

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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: 41.366 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

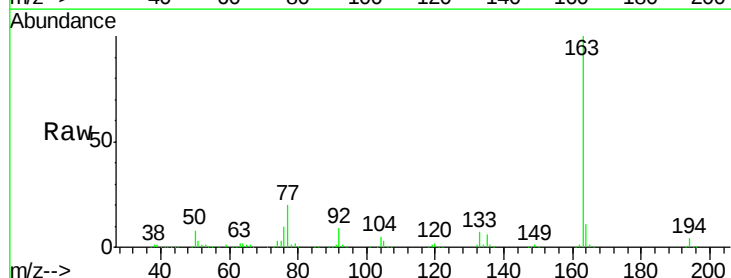
Tgt Ion:163 Resp: 896935

Ion Ratio Lower Upper

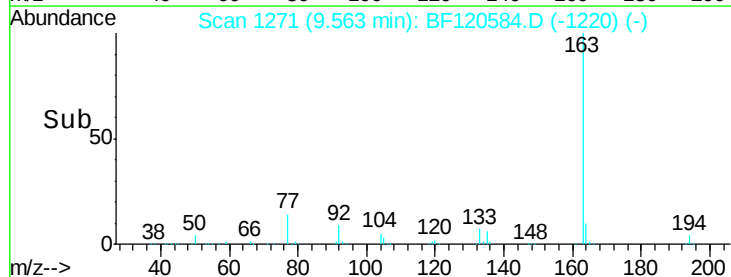
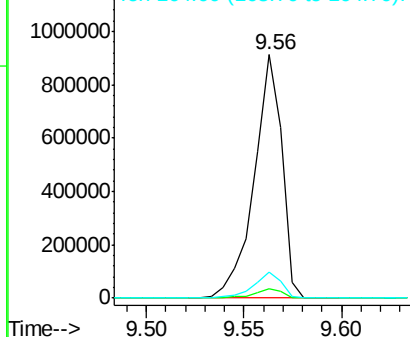
163 100

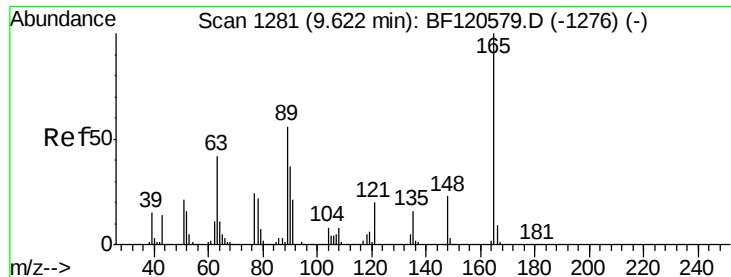
194 4.0 3.1 4.7

164 10.6 8.2 12.2



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





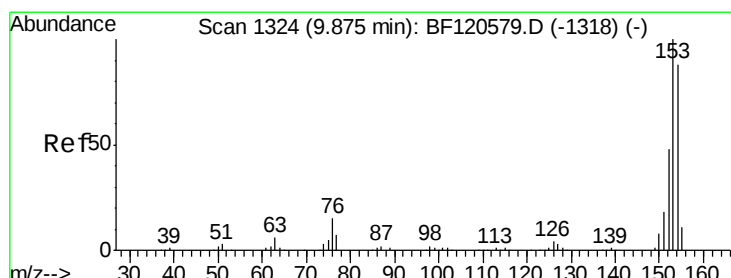
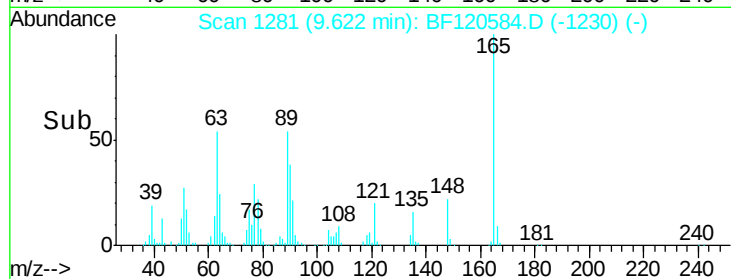
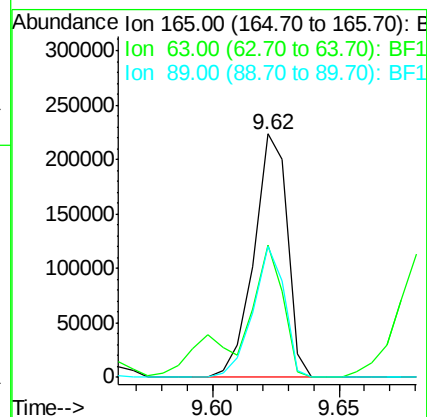
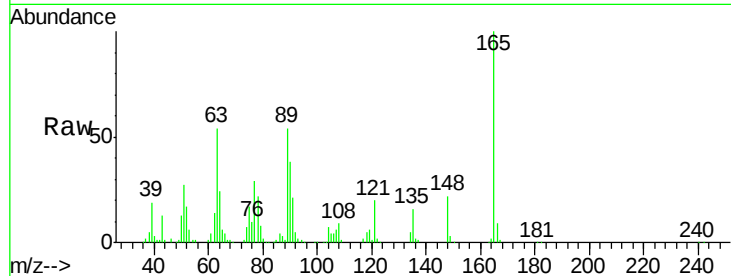
#51
2,6-Dinitrotoluene
Concen: 42.683 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ratio	Resp	Lower	Upper
165	100	205957		
63	54.1	43.8	65.8	
89	53.6	44.9	67.3	

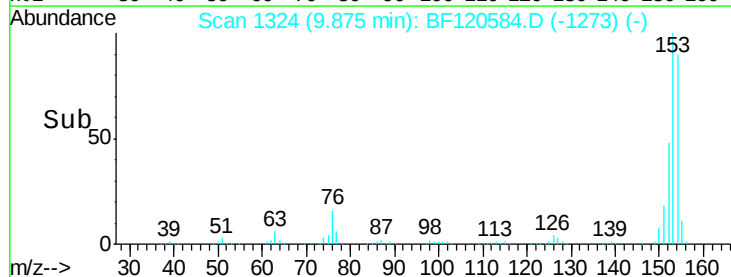
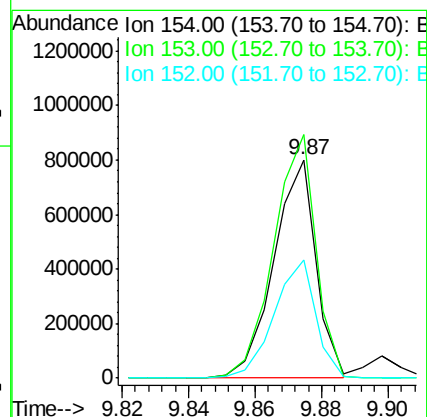
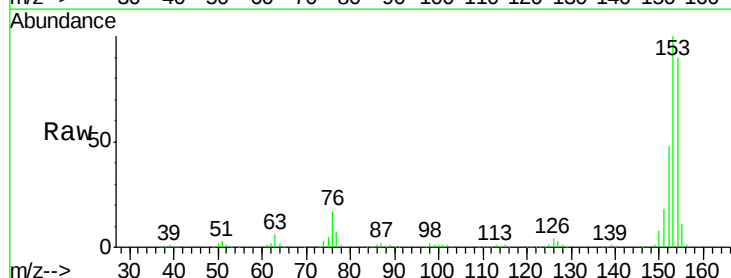
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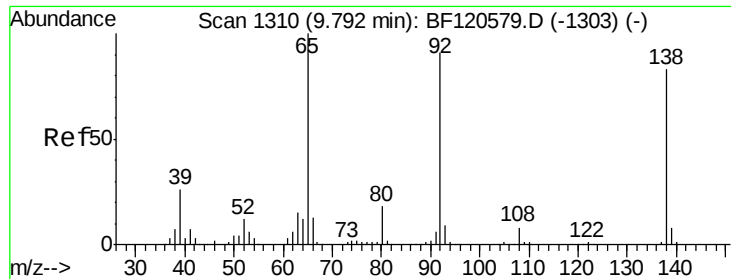
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#52
Acenaphthene
Concen: 42.643 ng m
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705115		
153	111.6	90.4	135.6	
152	53.9	43.0	64.6	





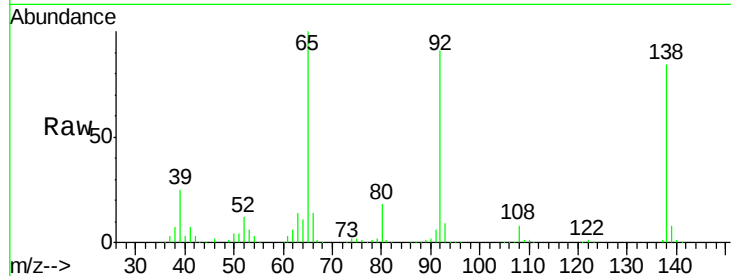
#53
3-Nitroaniline
Concen: 42.188 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

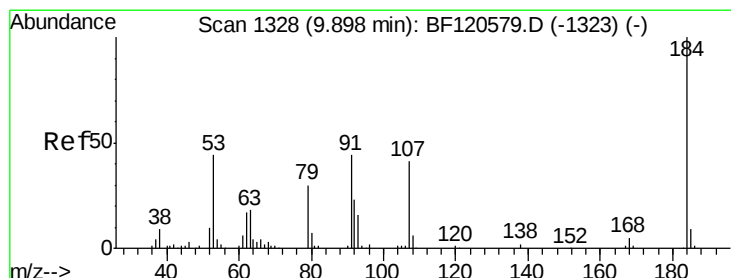
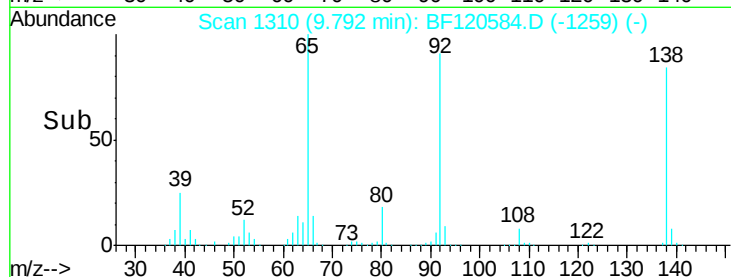
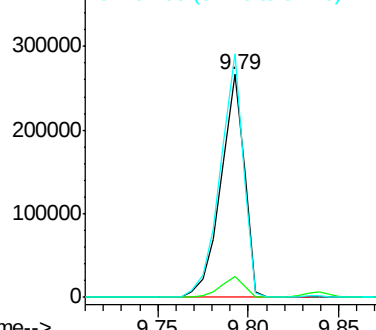
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.7	11.5
92	109.4	87.4	131.0

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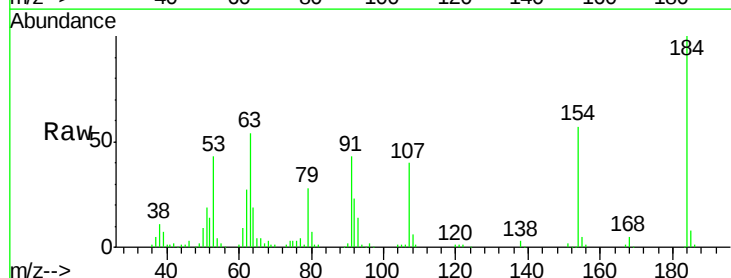


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

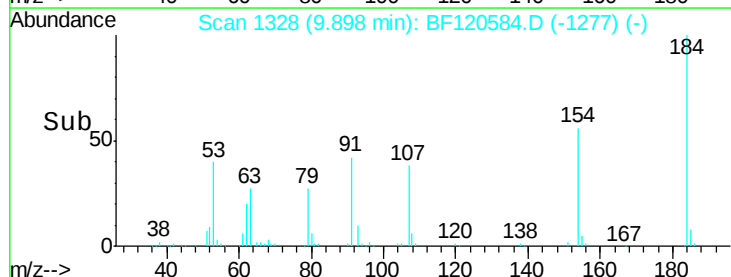
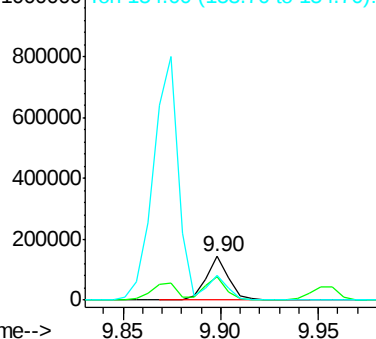


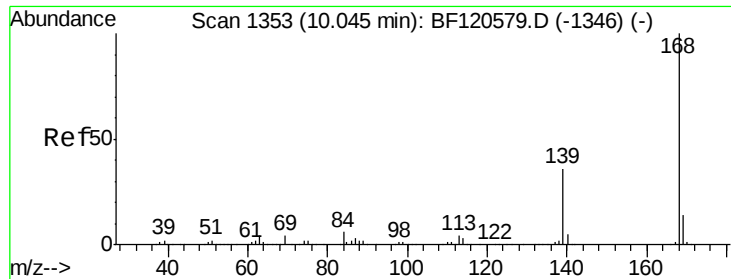
#54
2,4-Dinitrophenol
Concen: 44.004 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	46.2	69.4
154	56.7	45.9	68.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





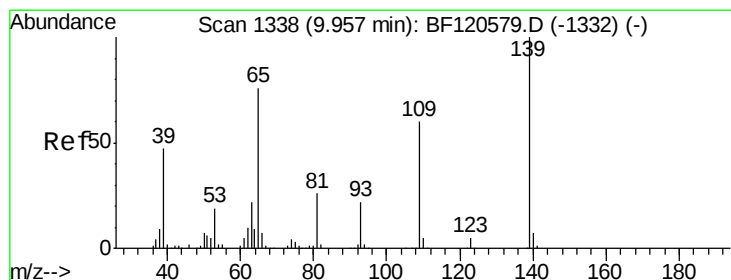
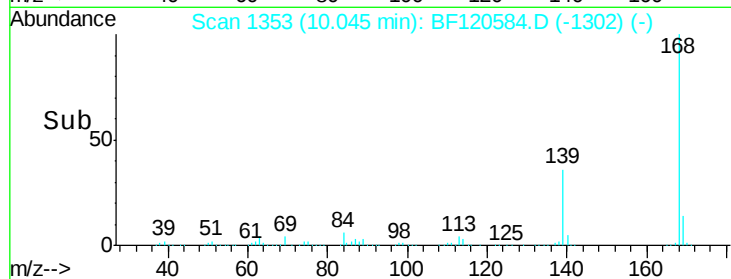
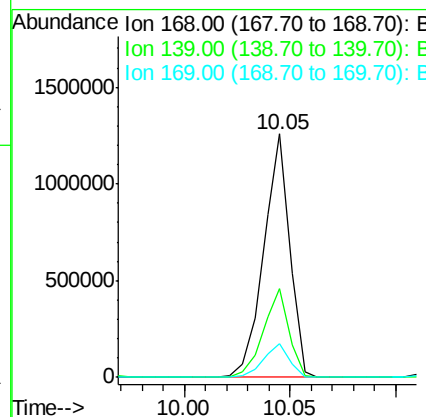
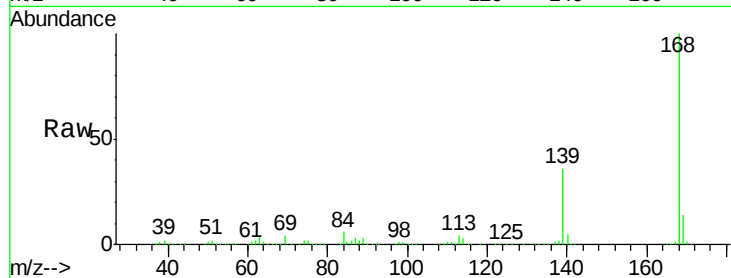
#55
Dibenzenofuran
Concen: 43.057 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot	Ion:168	Resp:	1075952
Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.1	43.7
169	13.6	11.0	16.6

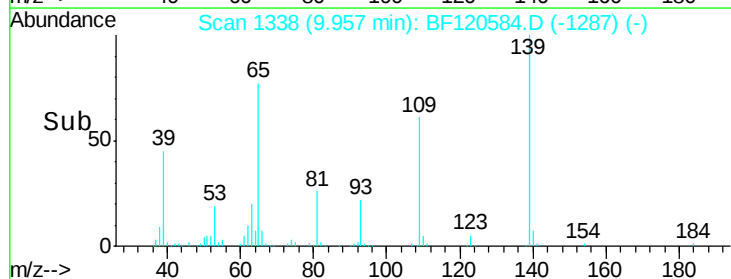
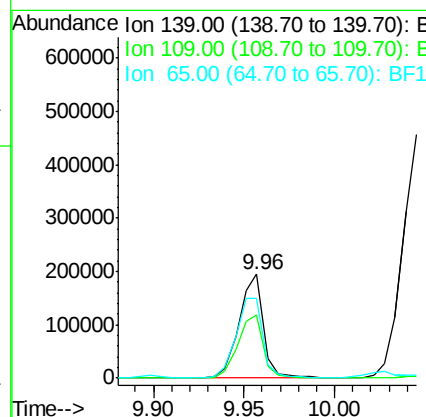
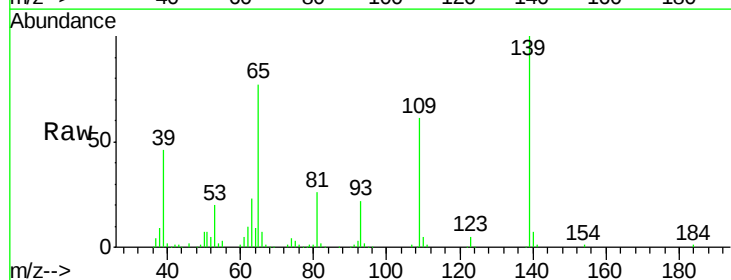
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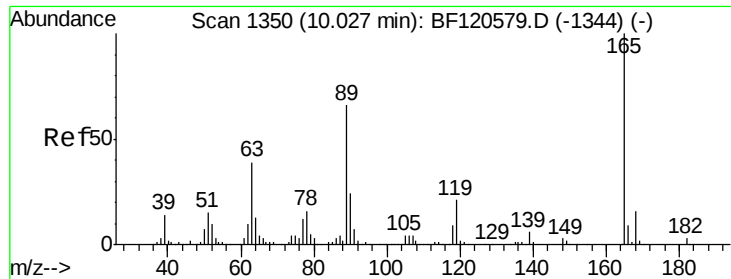
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#56
4-Nitrophenol
Concen: 43.800 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	139	Resp: Lower	182231 Upper
	Ratio		
139	100		
109	61.4	39.8	79.8
65	77.0	56.2	96.2





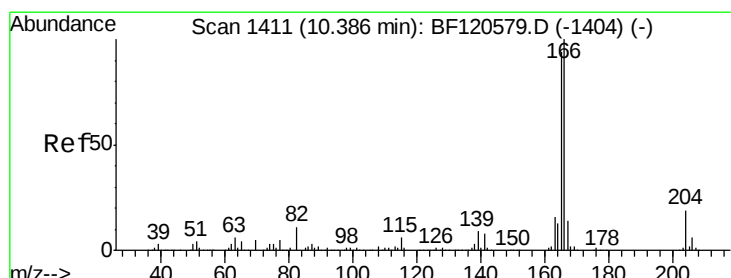
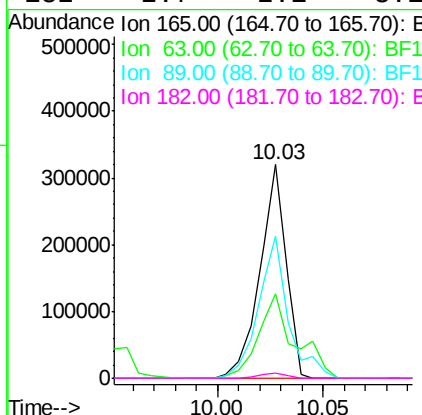
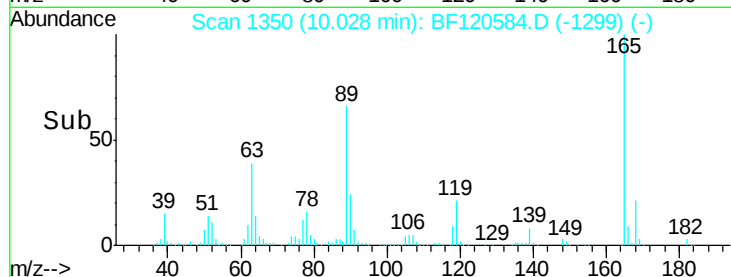
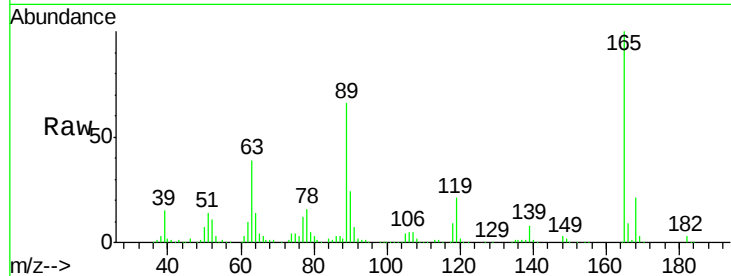
#57
 2,4-Dinitrotoluene
 Concen: 43.818 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Resp	Lower	Upper
165	100	275605		
63	39.4	31.1	46.7	
89	66.5	52.6	79.0	
182	2.7	2.1	3.1	

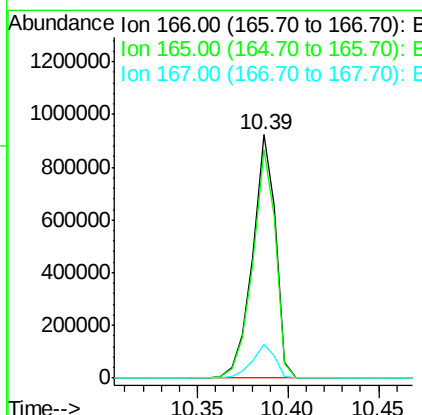
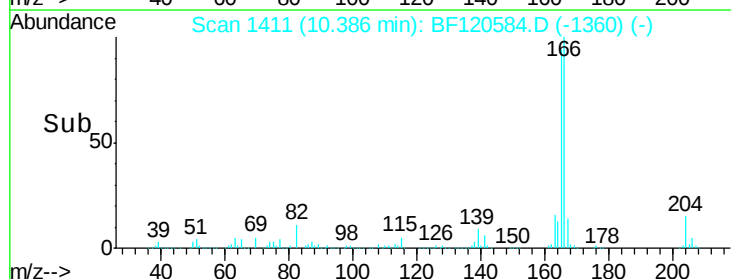
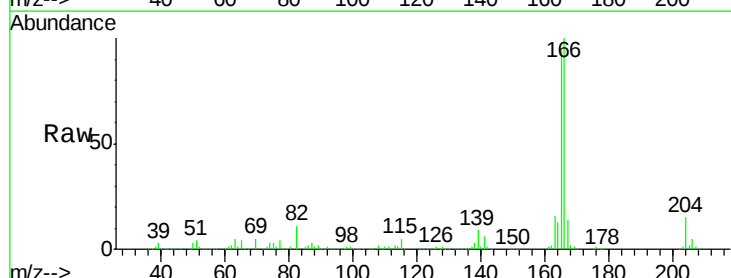
Manual Integrations
 APPROVED

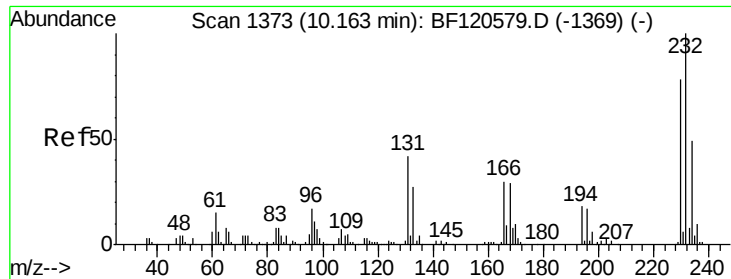
mohammad
 6/10/2020 11:51:05 AM



#58
 Fluorene
 Concen: 43.237 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	811760		
165	94.0	74.8	112.2	
167	13.9	11.2	16.8	





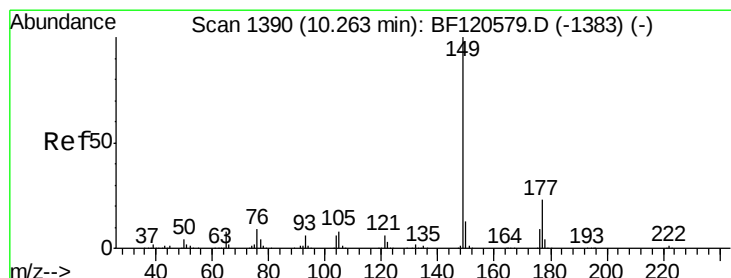
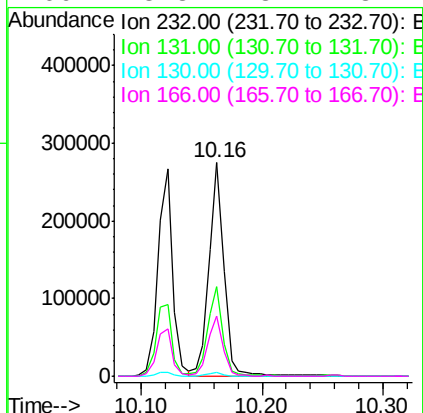
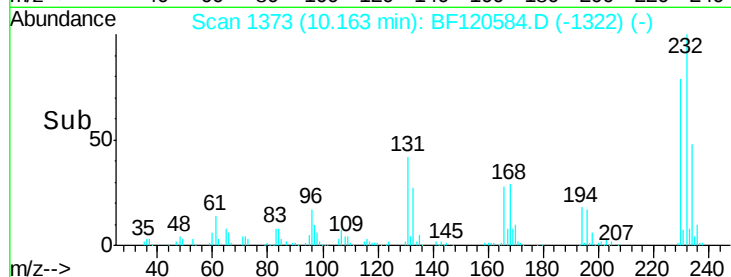
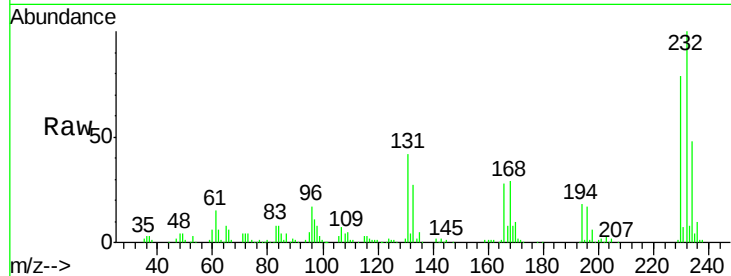
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.201 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ratio	Resp	Lower	Upper
232	100	234842		
131	41.6	33.1	49.7	
130	2.0	1.6	2.4	
166	28.3	23.1	34.7	

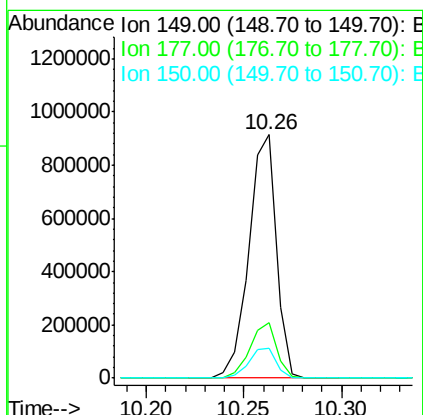
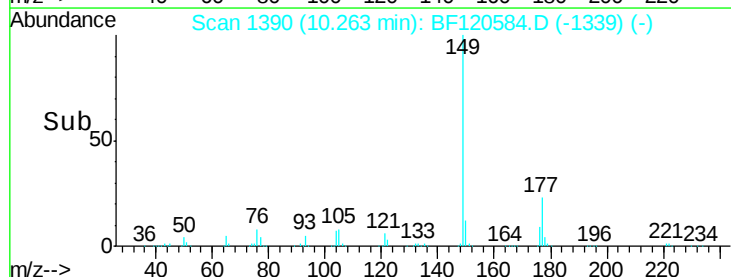
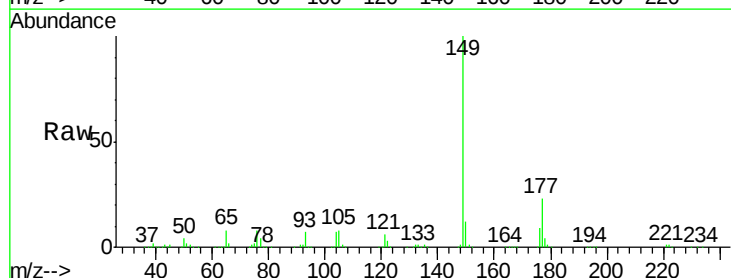
Manual Integrations
APPROVED

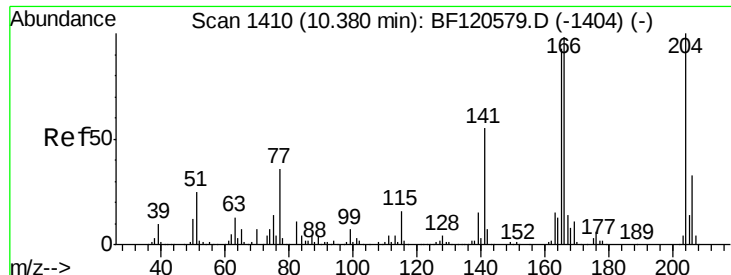
mohammad
6/10/2020 11:51:05 AM



#60
Diethylphthalate
Concen: 42.662 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	891540		
177	22.8	18.2	27.2	
150	12.4	10.1	15.1	





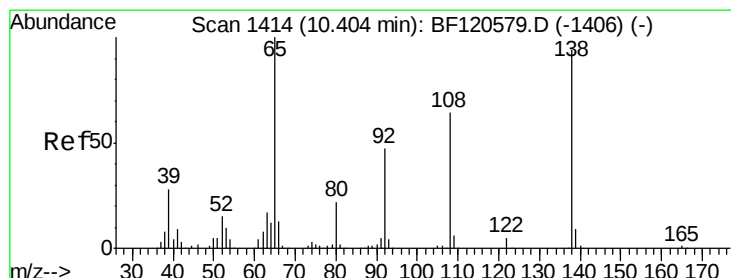
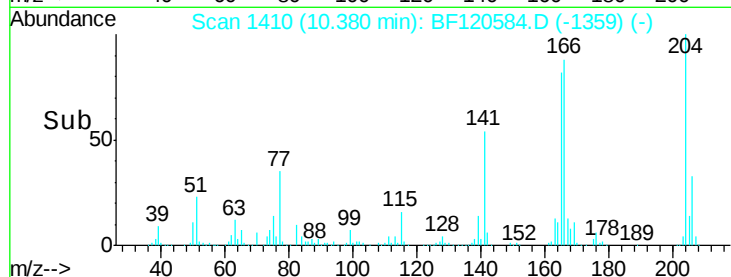
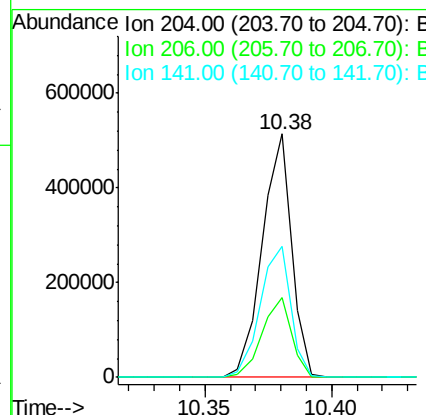
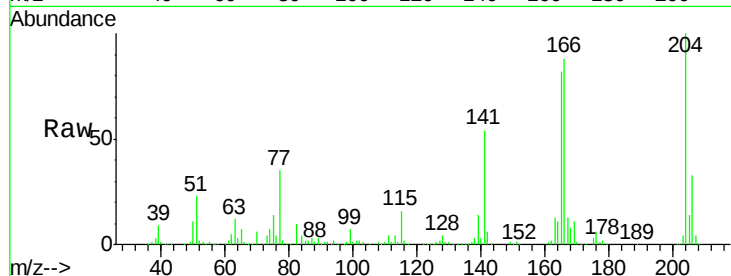
#61
4-Chlorophenyl-phenylether
Concen: 43.177 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	54.0	44.2	66.2

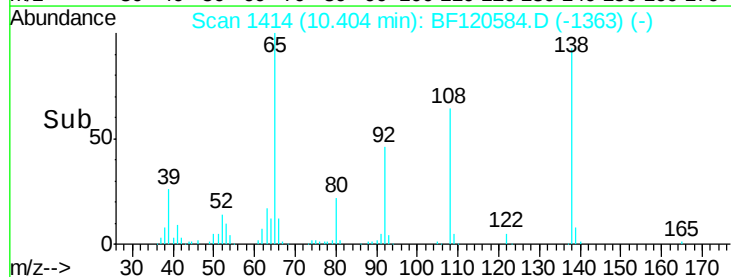
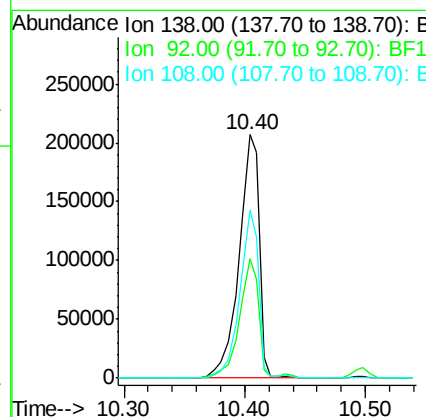
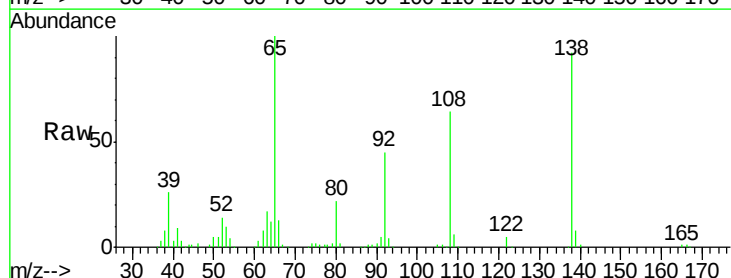
Manual Integrations
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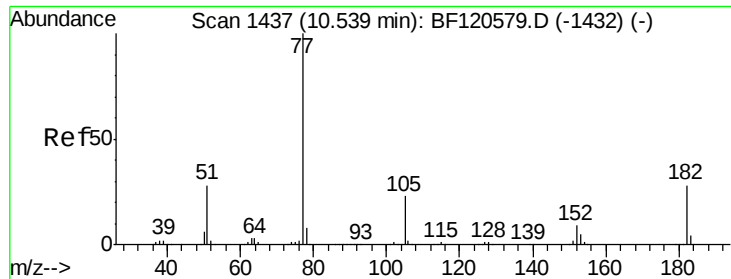
mohammad
6/10/2020 11:51:05 AM



#62
4-Nitroaniline
Concen: 41.937 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	29.6	69.6
108	68.9	47.9	87.9





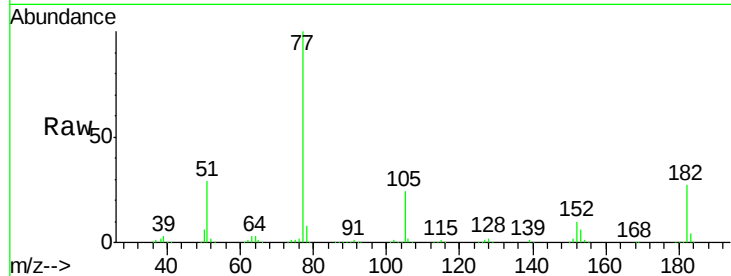
#63
Azobenzene
Concen: 41.141 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

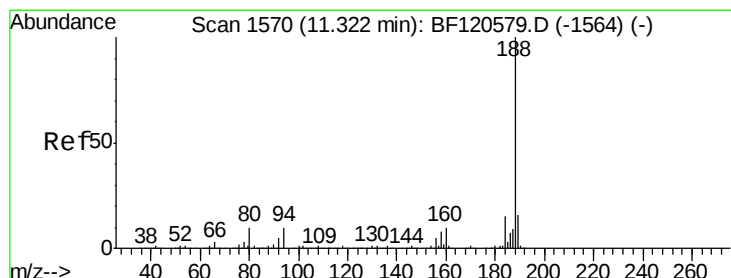
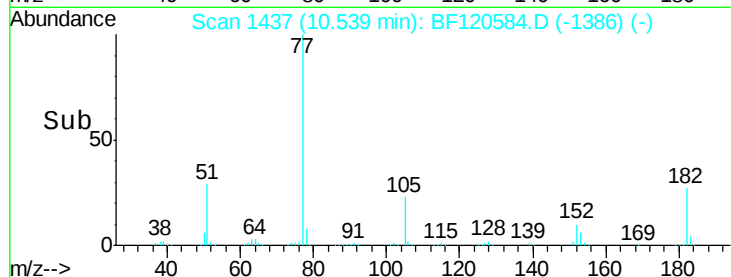
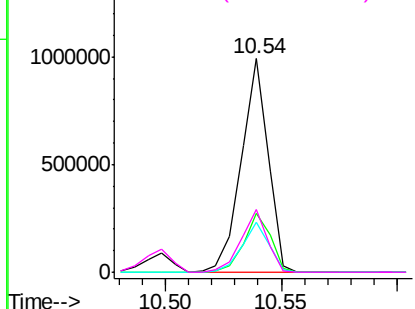
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.3	7.5	47.5		
105	23.6	3.3	43.3		
51	29.2	8.6	48.6		

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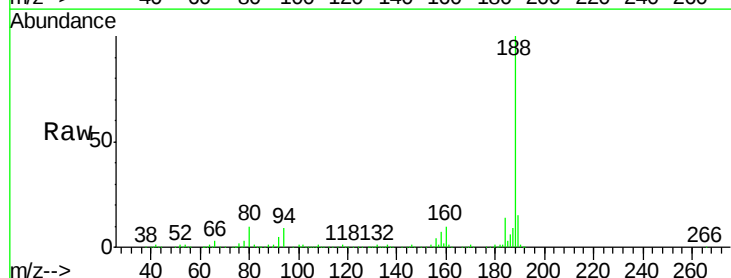


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

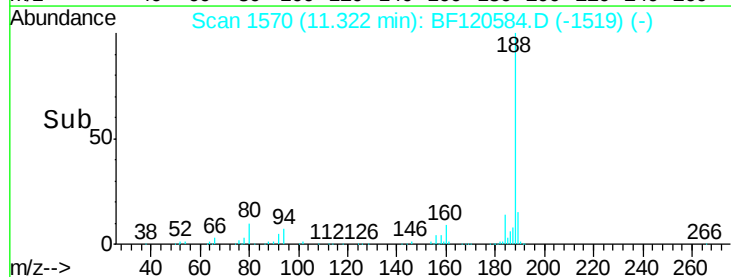
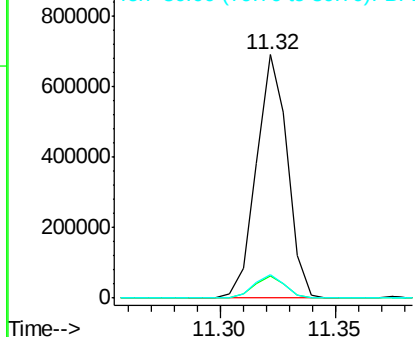


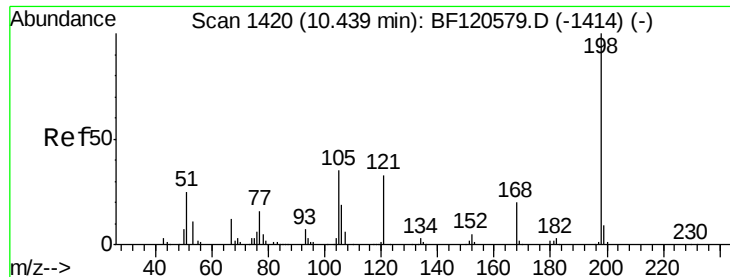
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3	7.7	11.5		
80	9.9	8.1	12.1		



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





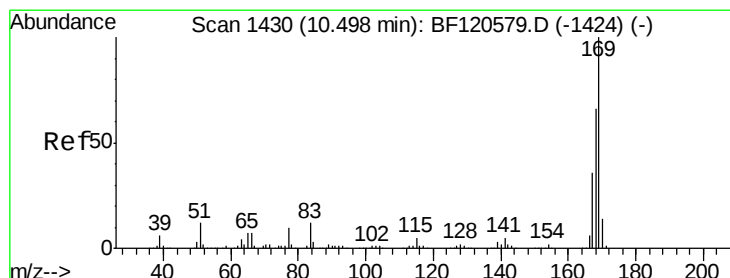
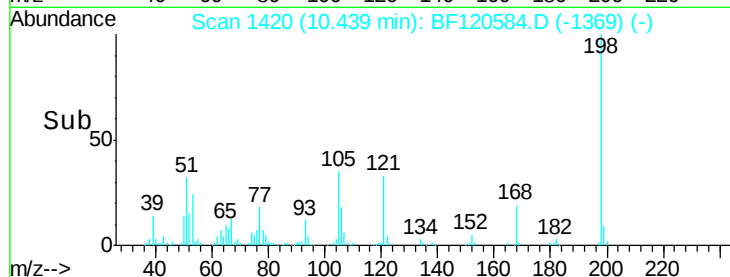
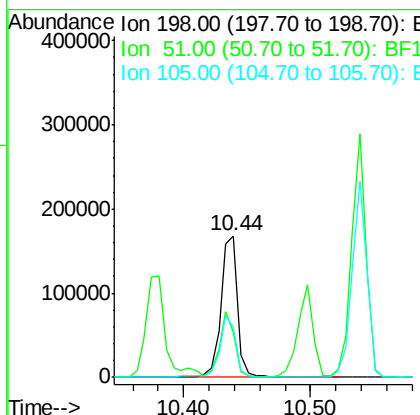
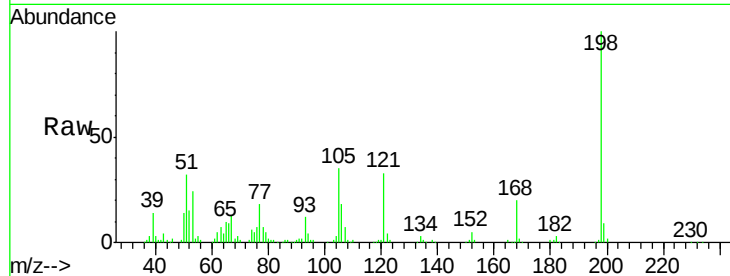
#65
4,6-Dinitro-2-methylphenol
Concen: 44.382 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ratio	Resp	Lower	Upper
198	100	153928		
51	32.3		12.3	52.3
105	35.5		15.8	55.8

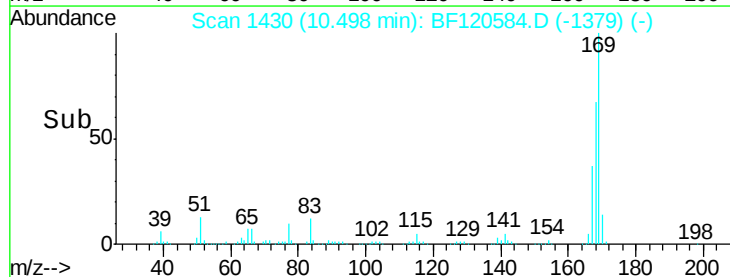
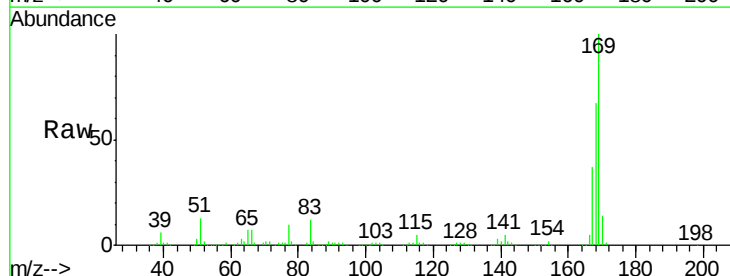
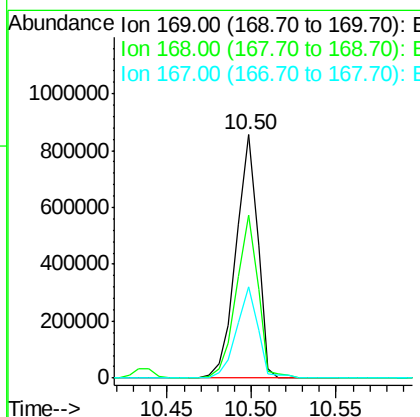
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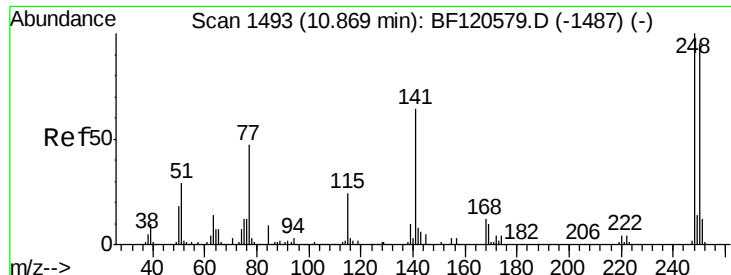
mohammad
6/10/2020 11:51:05 AM



#66
n-Nitrosodiphenylamine
Concen: 43.676 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	756621		
168	67.1		52.9	79.3
167	37.3		29.2	43.8





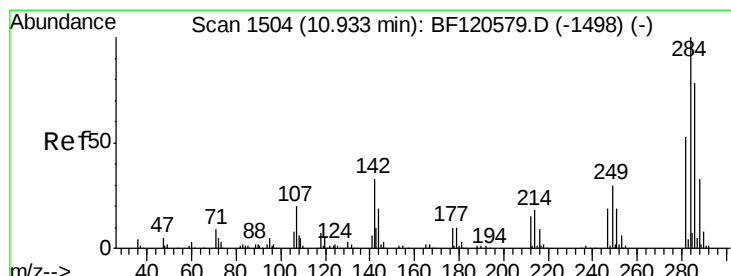
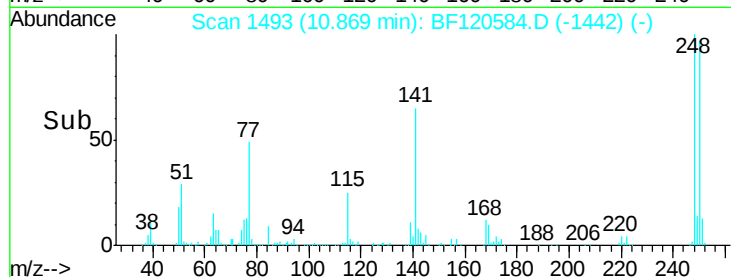
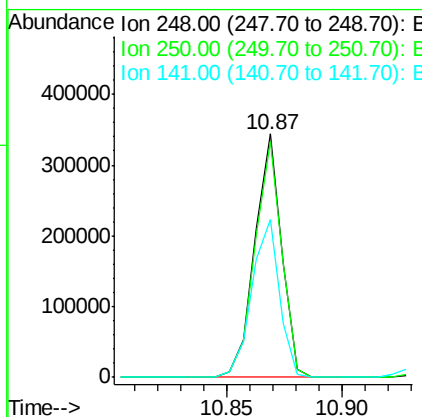
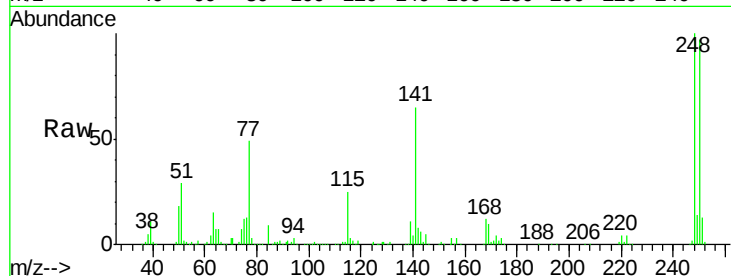
#67
 4-Bromophenyl-phenylether
 Concen: 43.296 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.8	113.8
141	65.0	51.3	76.9

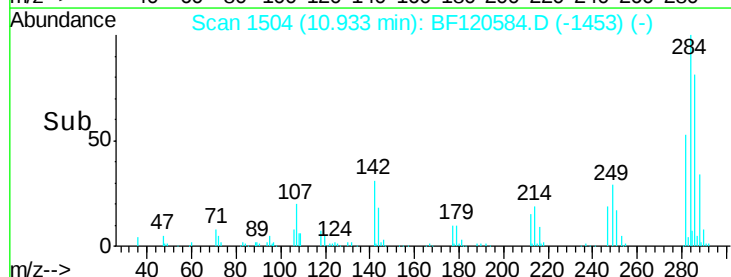
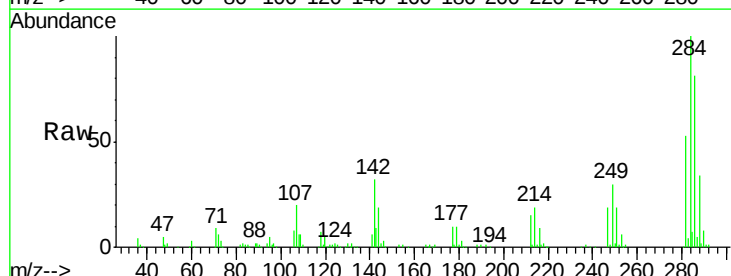
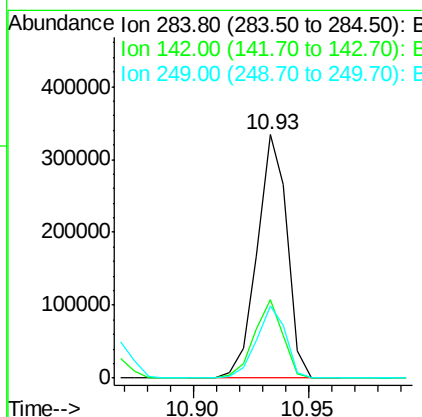
Manual Integrations
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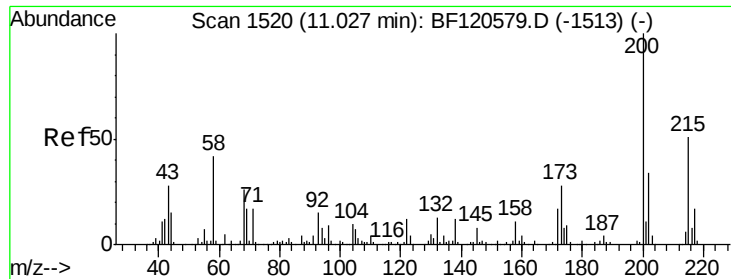
mohammad
 6/10/2020 11:51:05 AM



#68
 Hexachlorobenzene
 Concen: 43.473 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.5	39.7
249	29.8	24.1	36.1





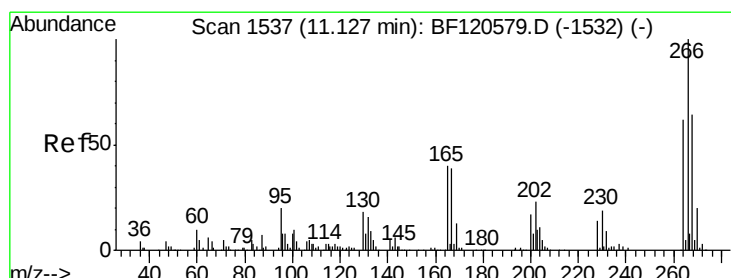
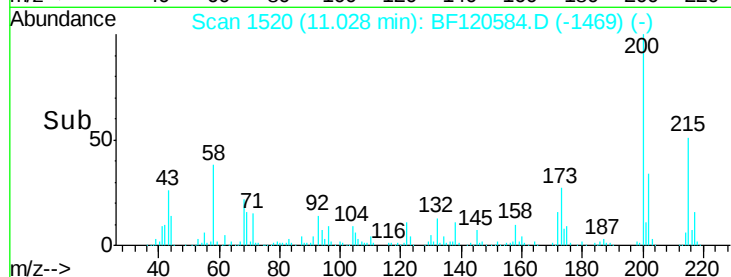
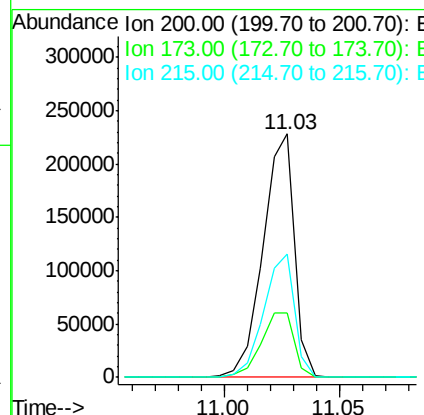
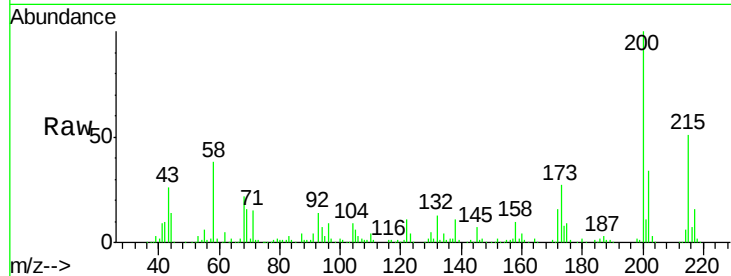
#69
Atrazine
Concen: 43.854 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.9	47.9
215	50.7	31.2	71.2

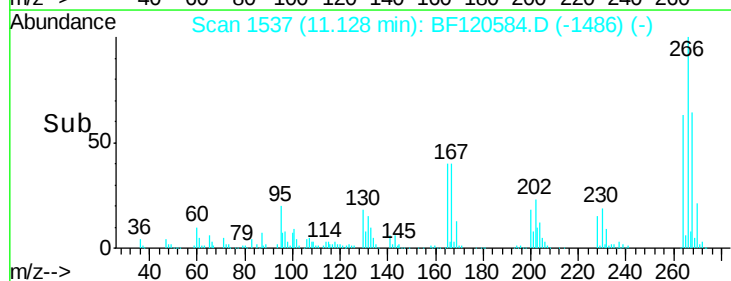
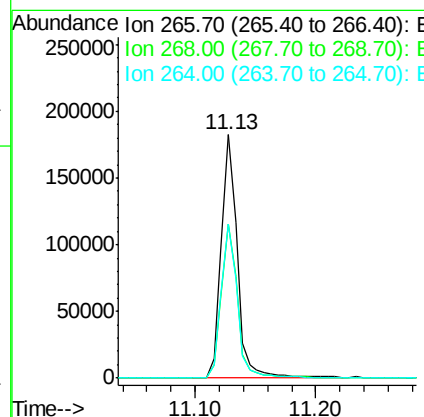
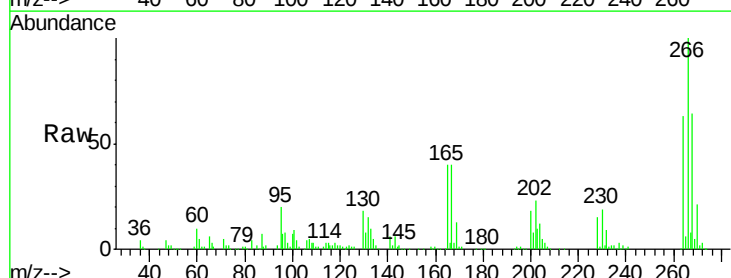
Manual Integrations
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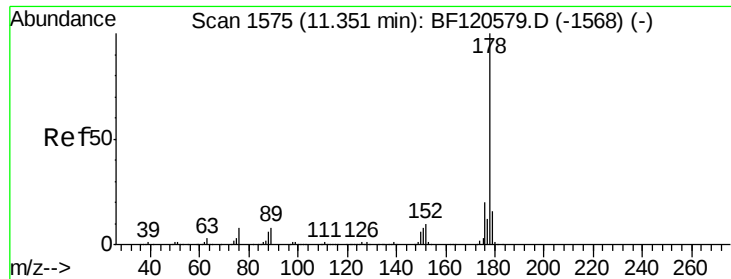
mohammad
6/10/2020 11:51:05 AM



#70
Pentachlorophenol
Concen: 44.453 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.3	76.9
264	63.3	49.4	74.2





#71

Phenanthrene

Concen: 43.029 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Instrument :

BNA_F

ClientSampleId :

ICVBF060920

Tot Ion:178 Resp: 1229162

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

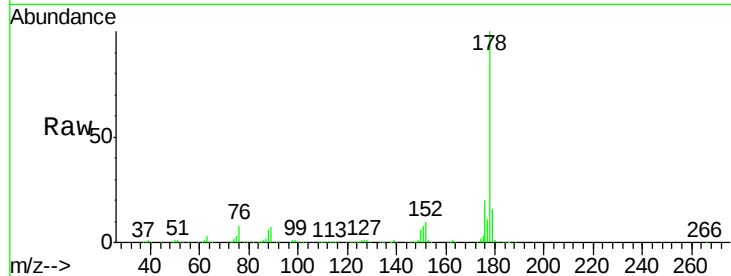
179 15.8 12.6 18.8

Manual Integrations

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mohammad

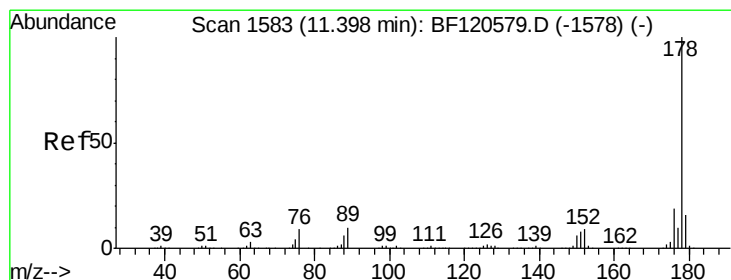
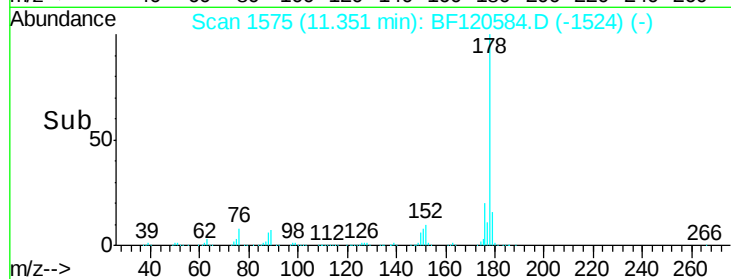
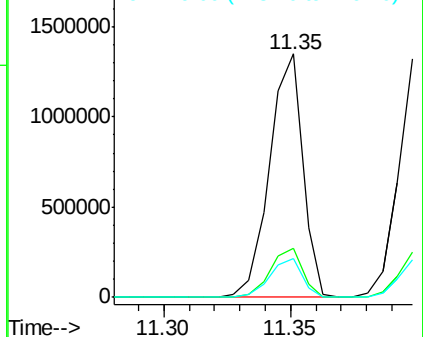
6/10/2020 11:51:05 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.130 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120584.D

Acq: 9 Jun 2020 17:58

Tgt Ion:178 Resp: 1245307

Ion Ratio Lower Upper

178 100

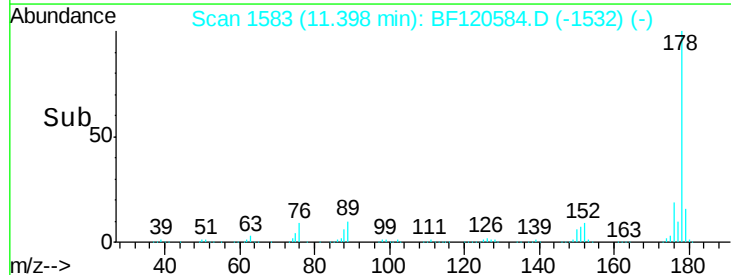
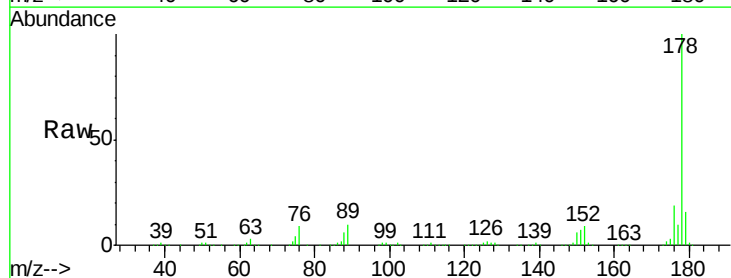
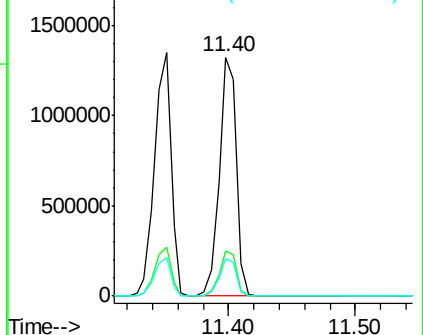
176 19.1 15.3 22.9

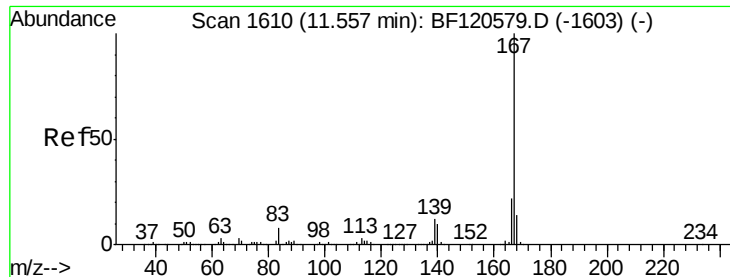
179 15.9 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





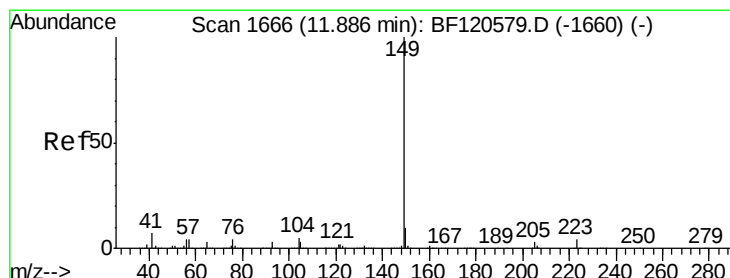
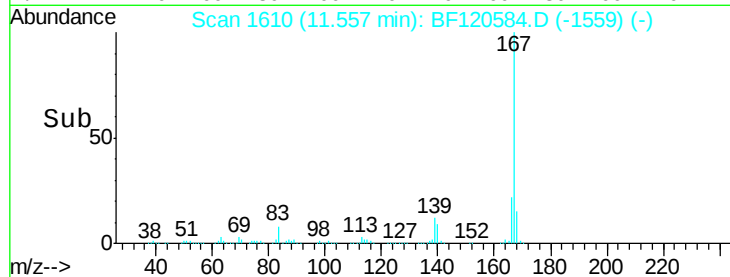
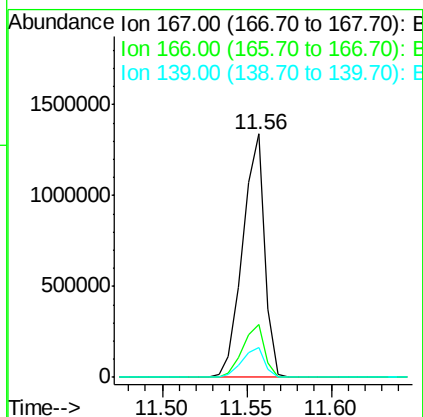
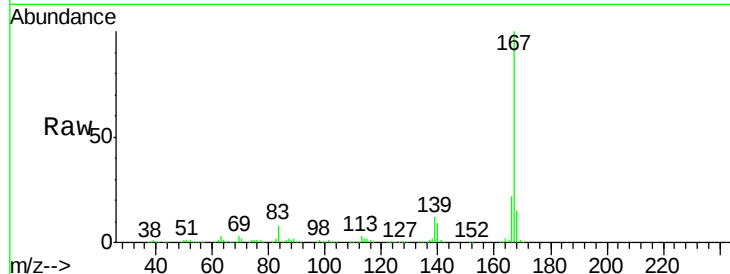
#73
 Carbazole
 Concen: 43.025 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	12.4	10.0	15.0

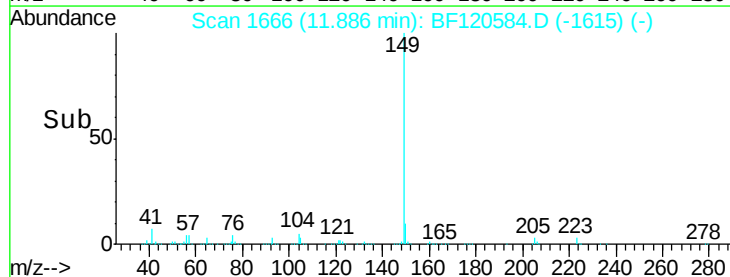
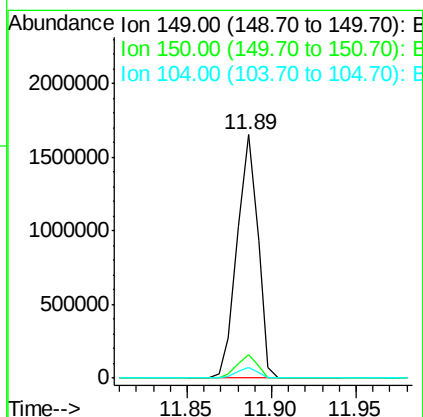
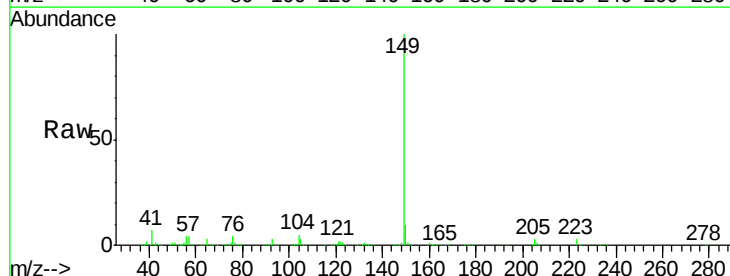
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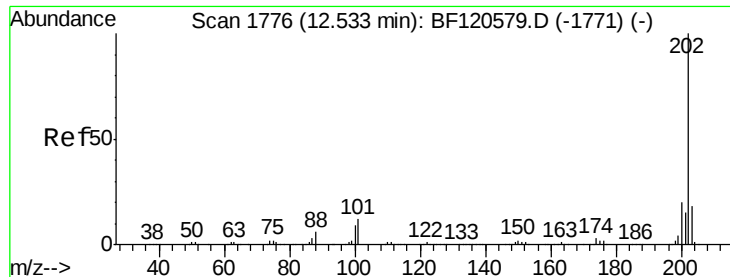
mohammad
 6/10/2020 11:51:05 AM



#74
 Di-n-butylphthalate
 Concen: 42.070 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.6	3.8	5.6





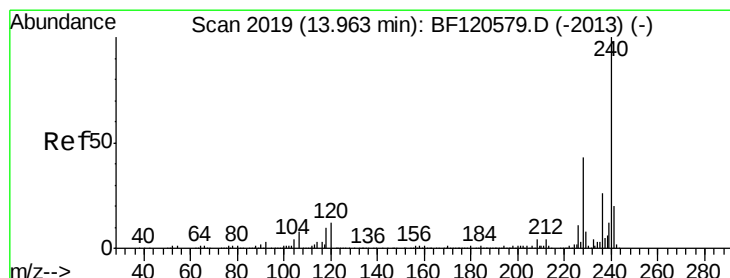
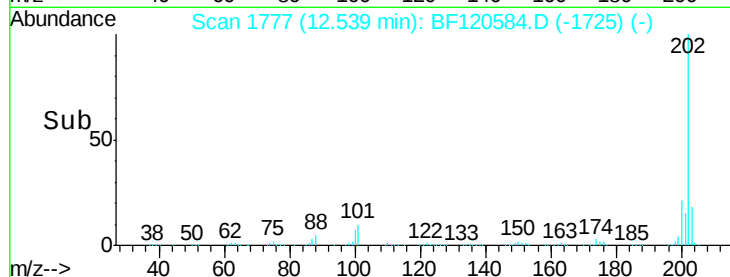
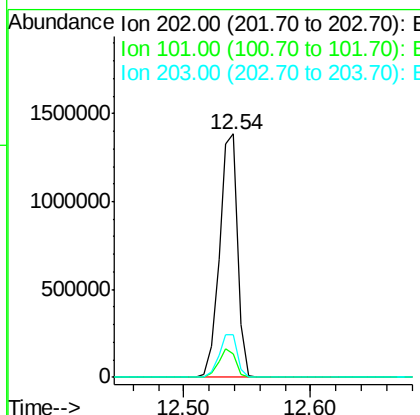
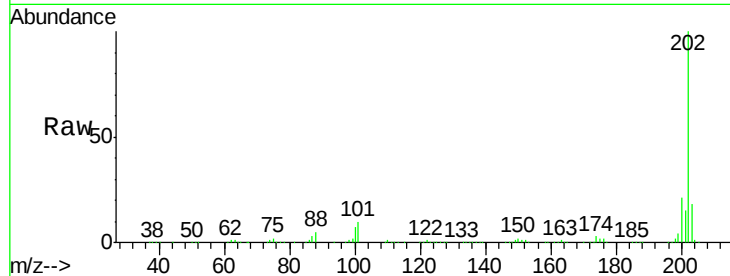
#75
Fluoranthene
 Concen: 41.879 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.7
203	17.6	0.0	38.0

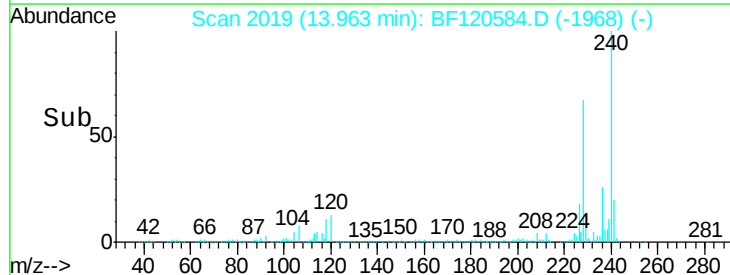
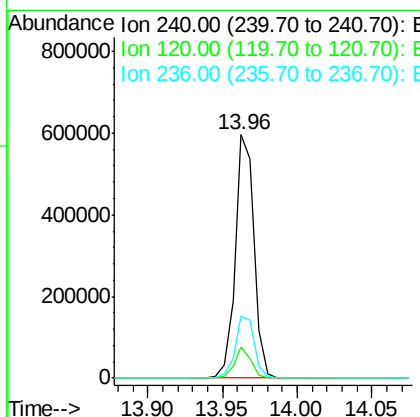
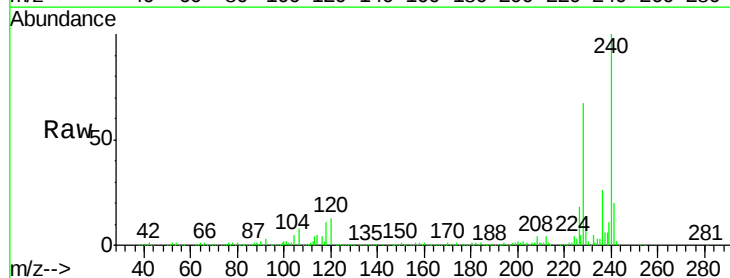
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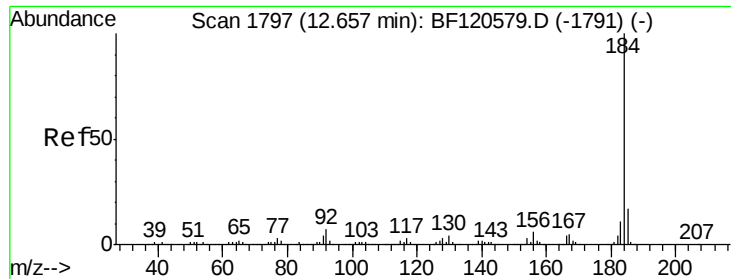
mohammad
 6/10/2020 11:51:05 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.3	13.9
236	25.5	20.8	31.2





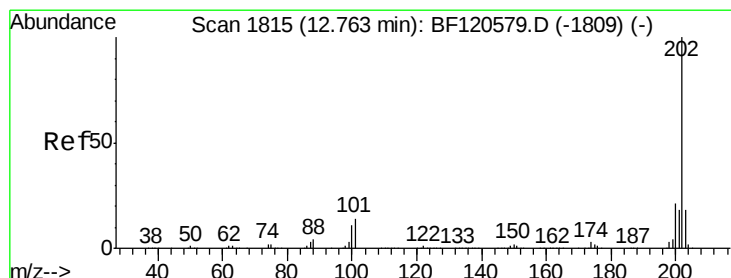
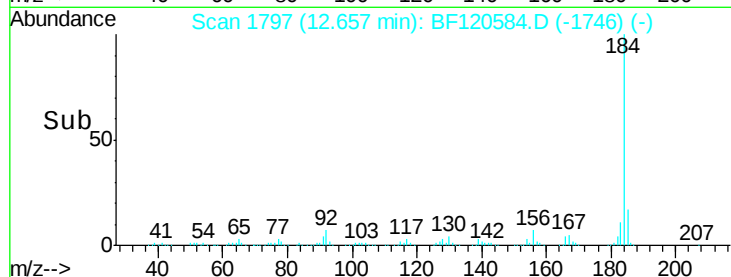
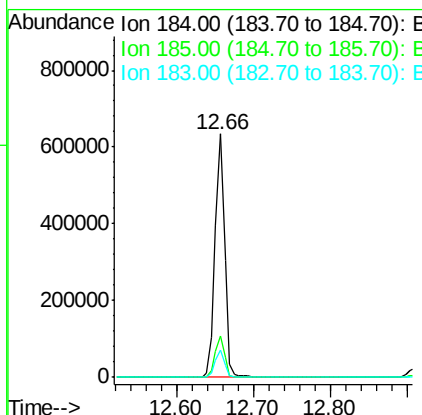
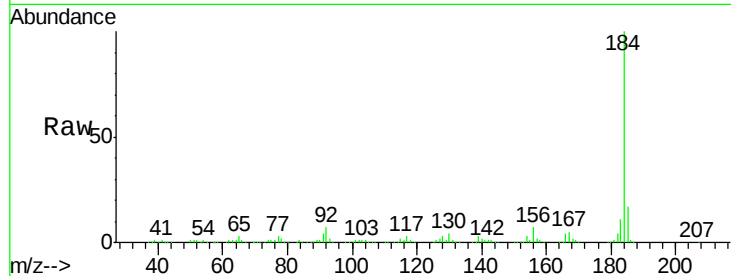
#77
Benzidine
Concen: 42.570 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.2	19.8
183	11.1	9.0	13.6

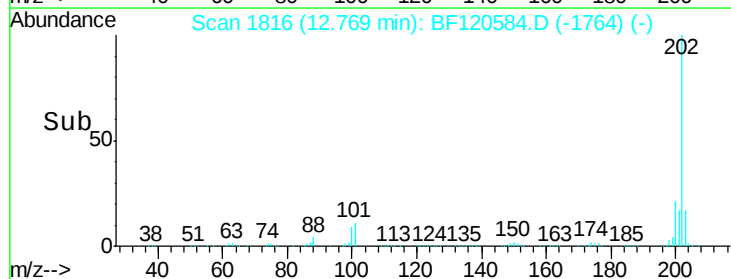
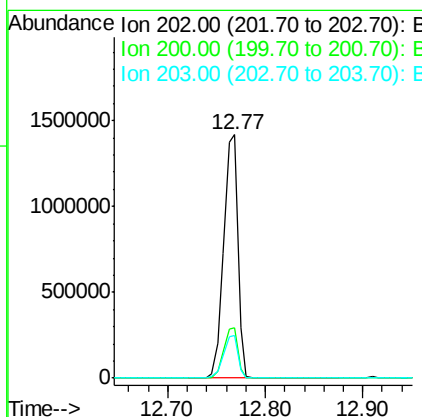
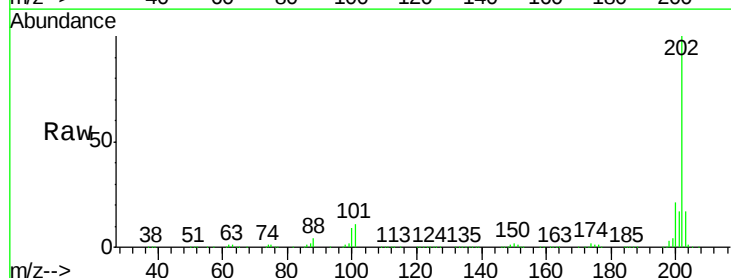
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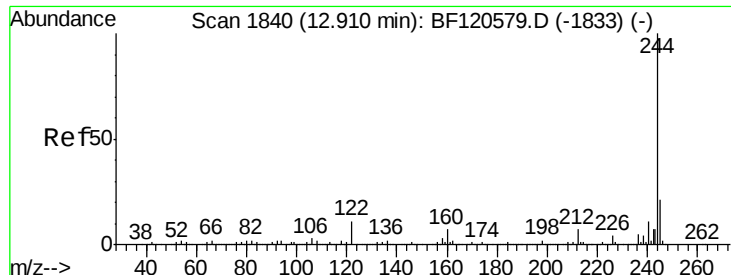
mohammad
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#78
Pyrene
Concen: 42.938 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.4	14.6	22.0





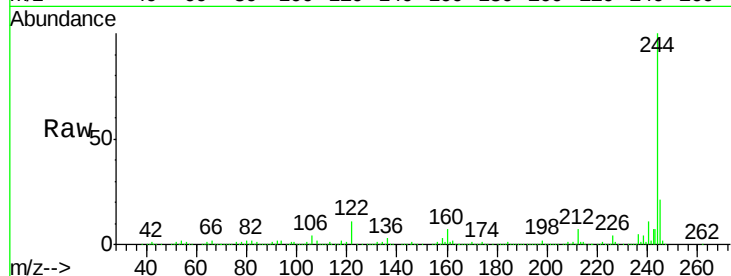
#79
Terphenyl-d14
Concen: 81.054 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

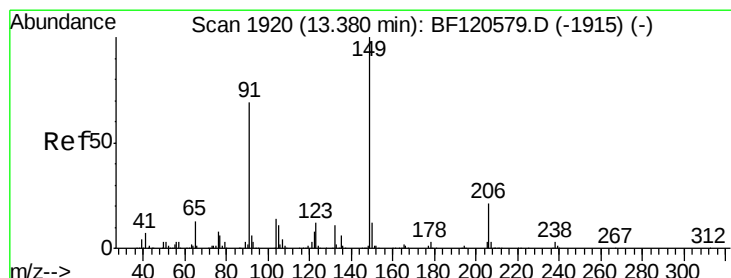
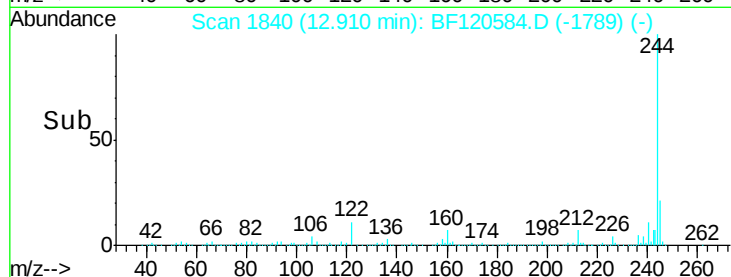
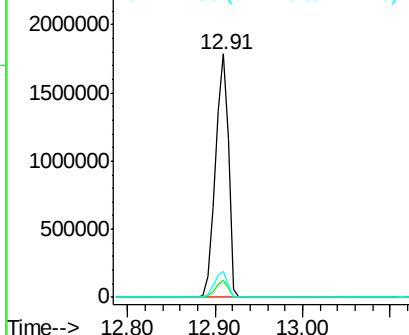
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	10.7	8.5	12.7

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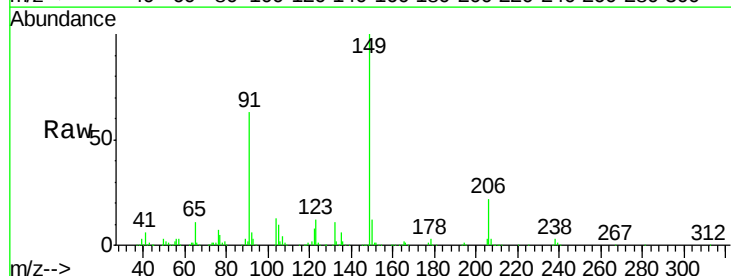


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

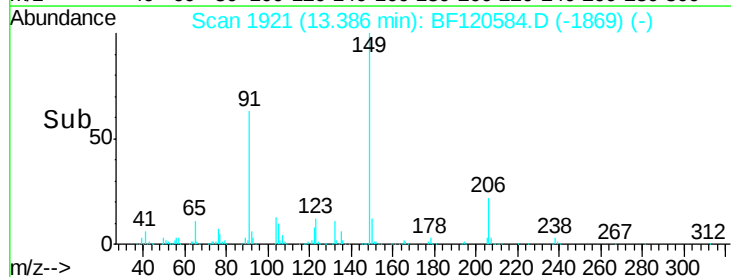
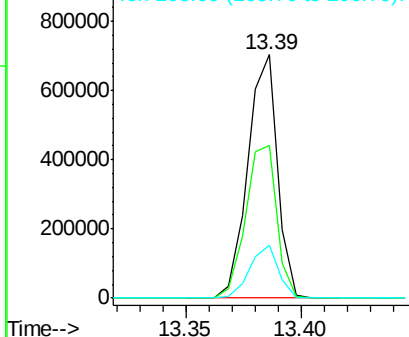


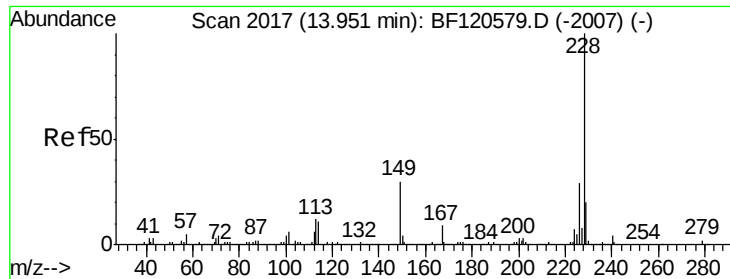
#80
Butylbenzylphthalate
Concen: 43.150 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.9	55.4	83.2
206	21.8	16.5	24.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





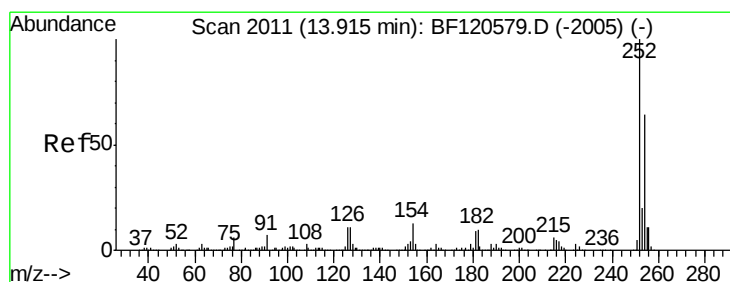
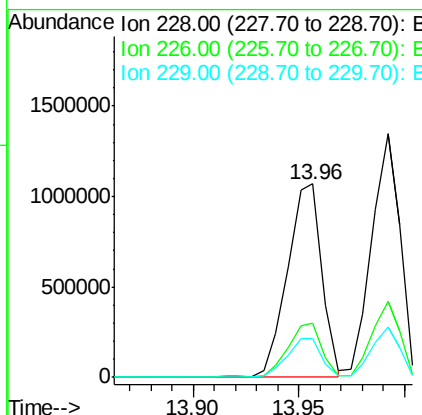
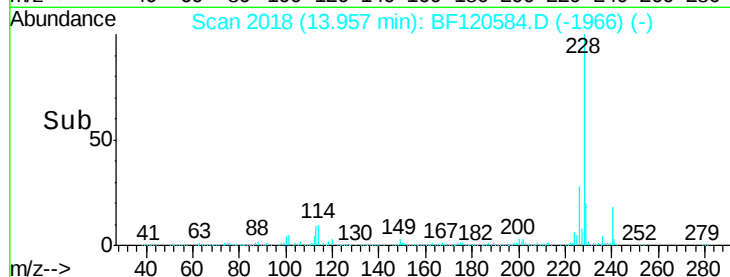
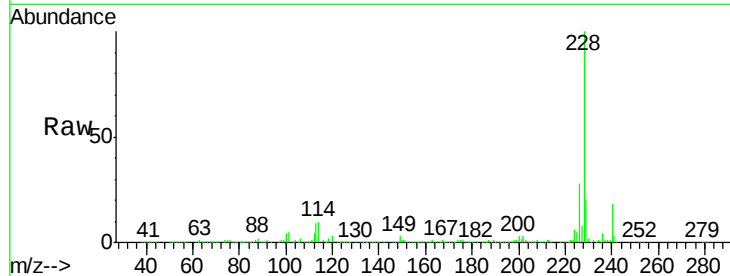
#81
Benzo(a)anthracene
Concen: 42.390 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:228 Resp: 1214462
Ion Ratio Lower Upper
228 100
226 28.2 23.0 34.4
229 20.2 16.2 24.4

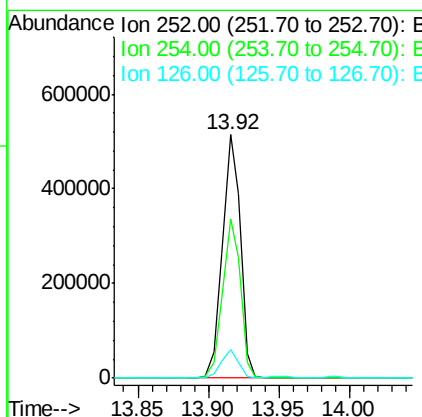
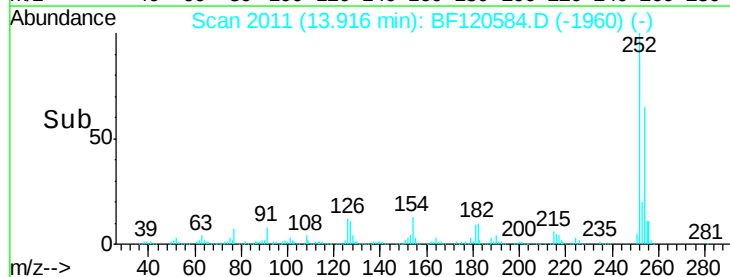
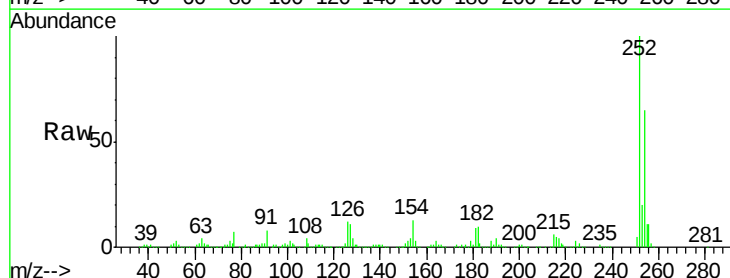
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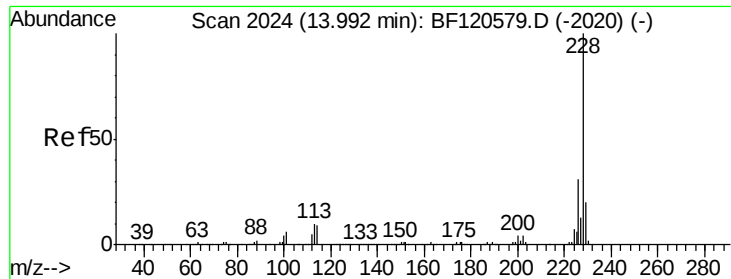
mohammad
6/10/2020 11:51:05 AM



#82
3,3'-Dichlorobenzidine
Concen: 43.358 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:252 Resp: 454743
Ion Ratio Lower Upper
252 100
254 65.3 51.1 76.7
126 11.6 8.4 12.6





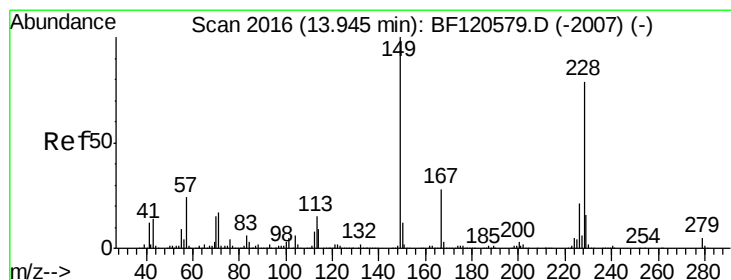
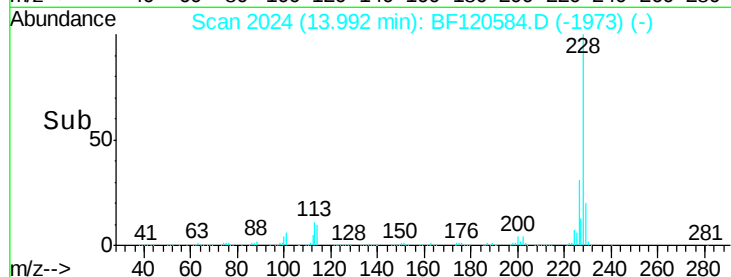
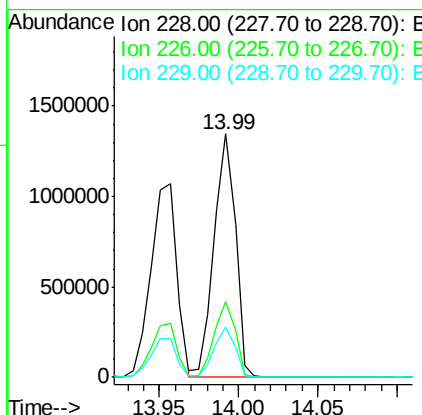
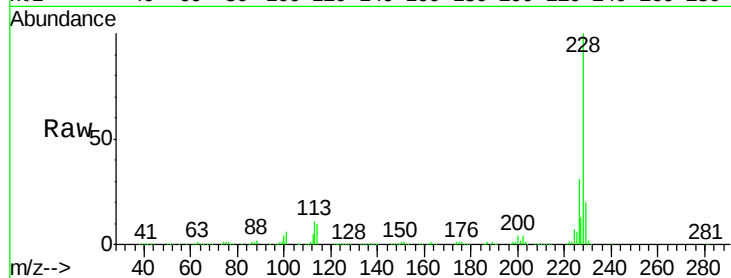
#83
 Chrysene
 Concen: 43.636 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	16.2	24.2

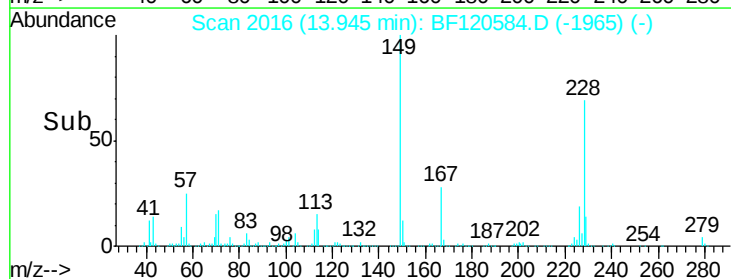
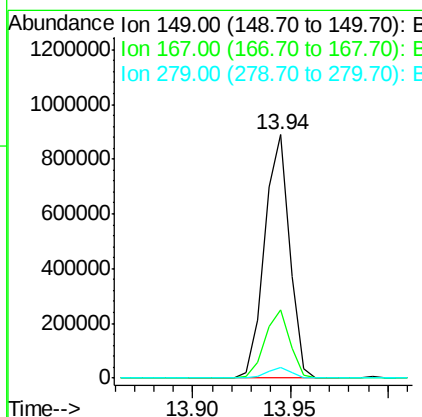
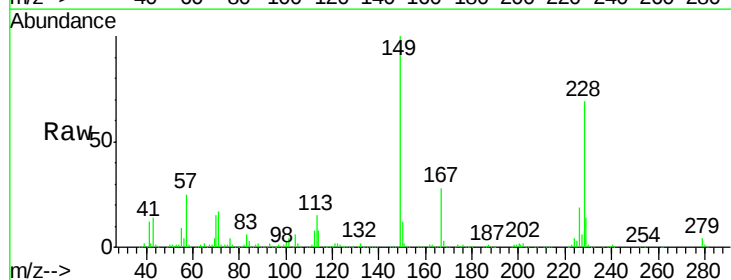
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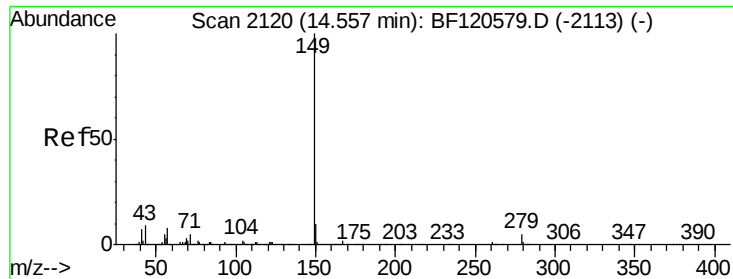
mohammad
 6/10/2020 11:51:05 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.648 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	33.8
279	4.5	3.6	5.4





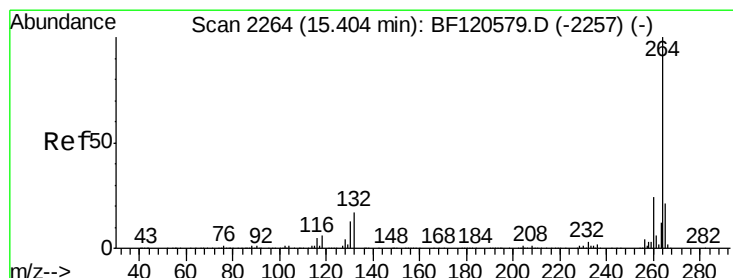
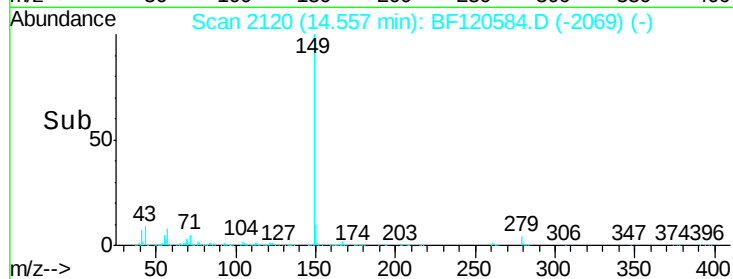
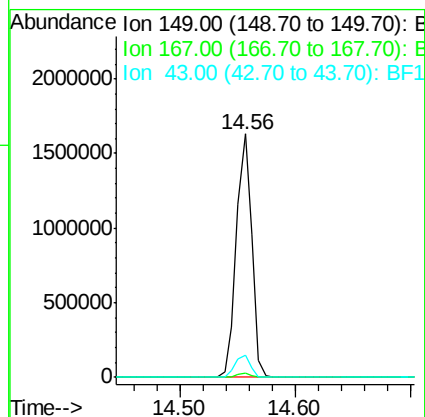
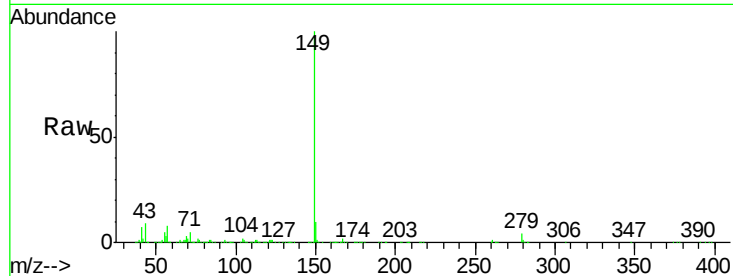
#85
Di-n-octyl phthalate
Concen: 44.858 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

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

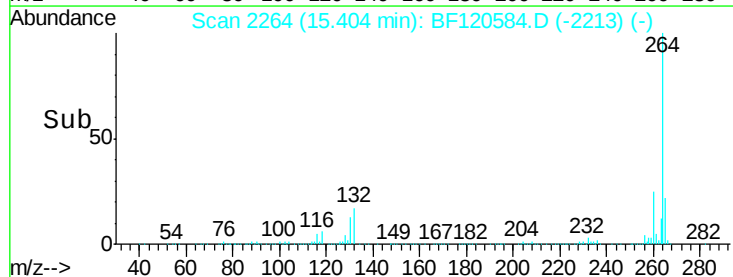
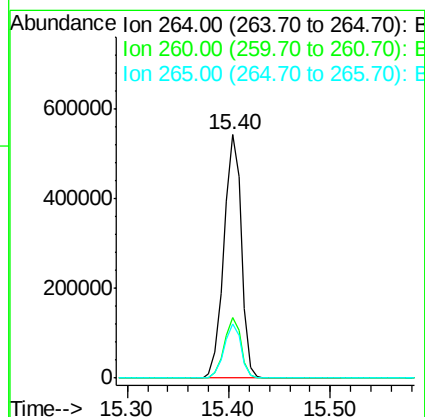
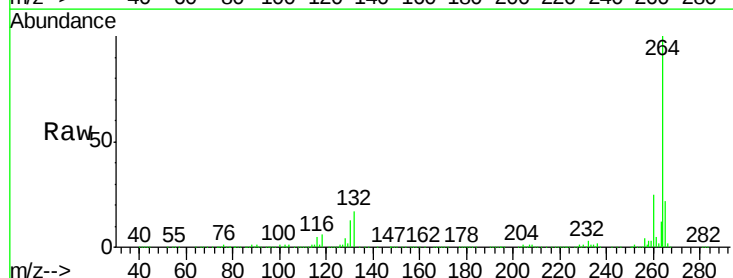
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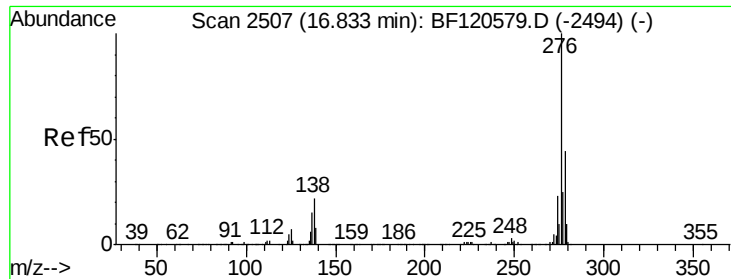
mohammad
6/10/2020 11:51:05 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	22.3	17.1	25.7





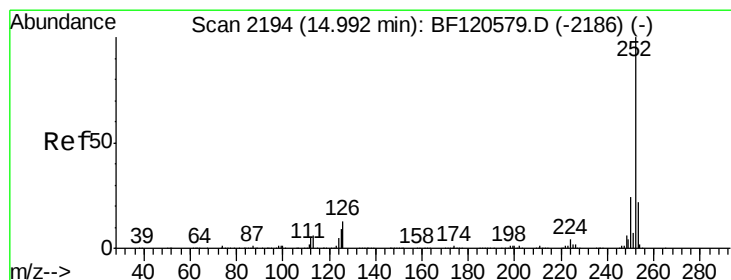
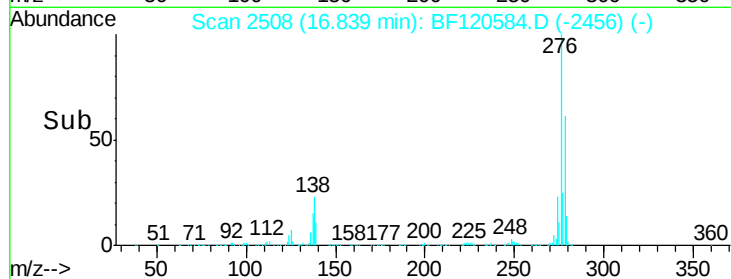
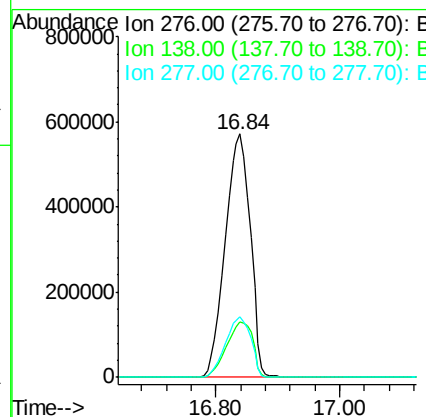
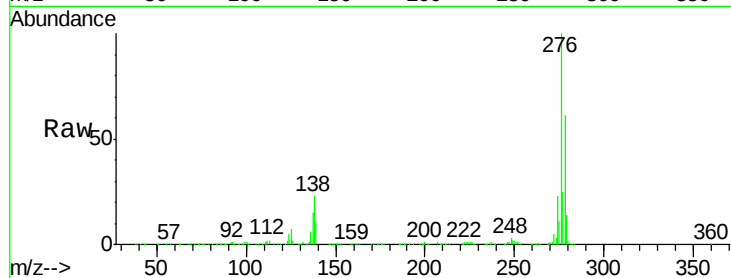
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.031 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060920

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.4	29.0
277	25.3	20.3	30.5

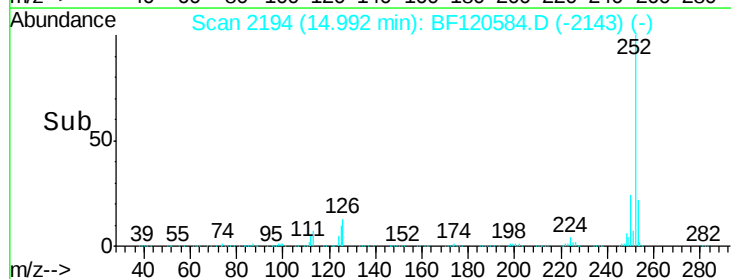
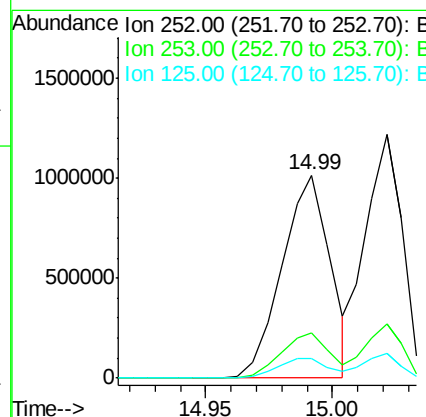
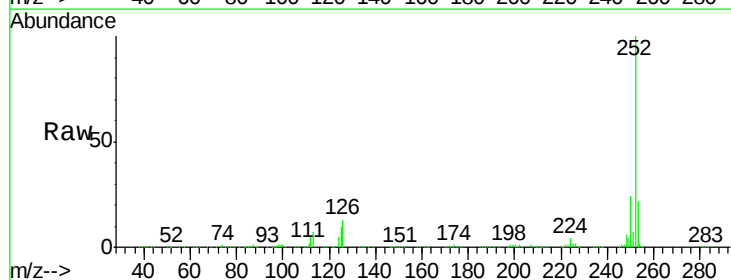
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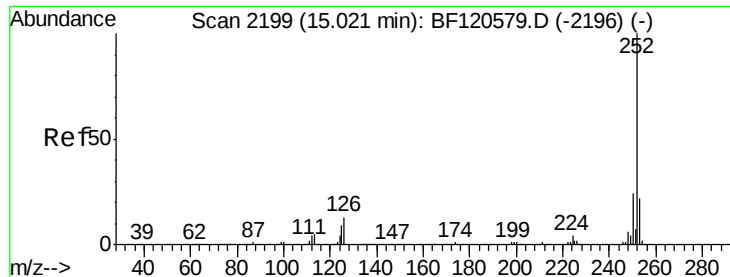
mohammad
 6/10/2020 11:51:05 AM



#88
 Benzo(b)fluoranthene
 Concen: 39.657 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF120584.D
 Acq: 9 Jun 2020 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.7	7.6	11.4





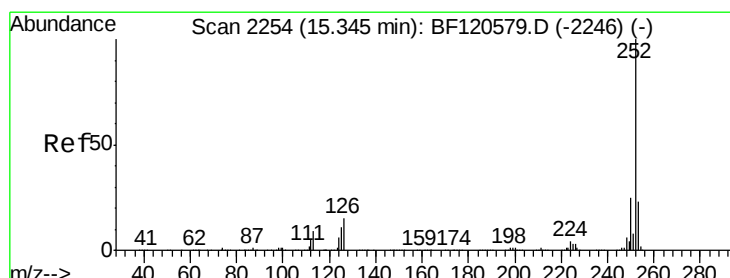
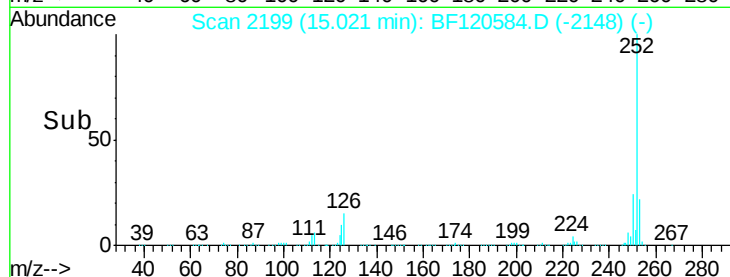
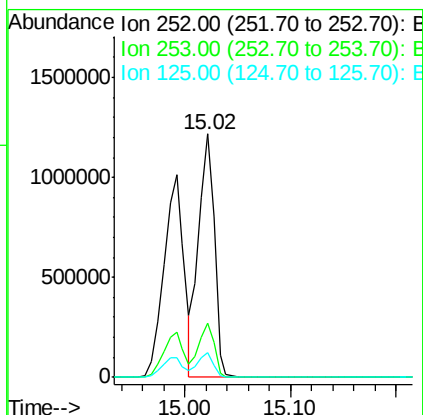
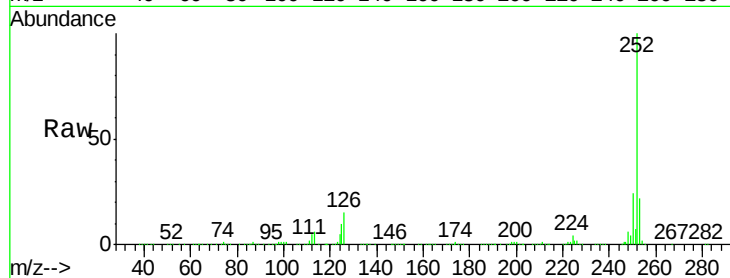
#89
Benzo(k)fluoranthene
Concen: 40.646 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

Tot Ion:252 Resp: 1247340
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.9 7.6 11.4

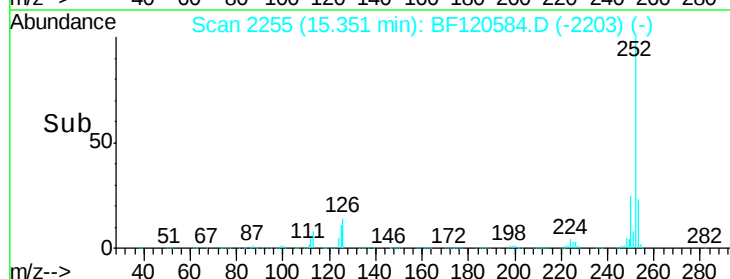
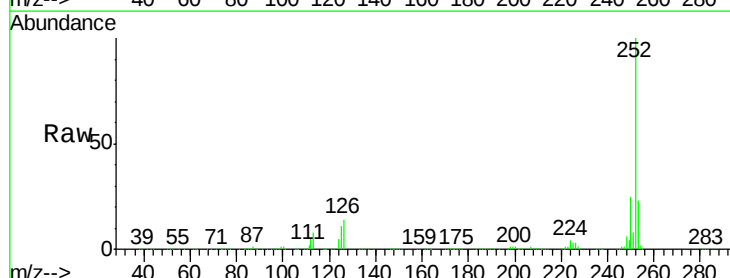
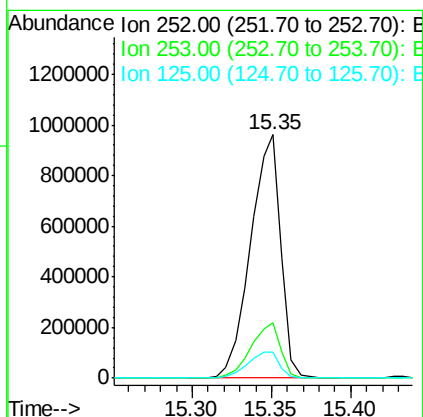
Manual Integrations
APPROVED

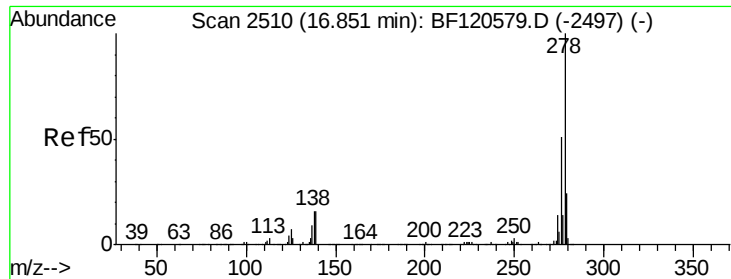
mohammad
6/10/2020 11:51:05 AM



#90
Benzo(a)pyrene
Concen: 41.234 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:252 Resp: 1270773
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.8 9.0 13.6





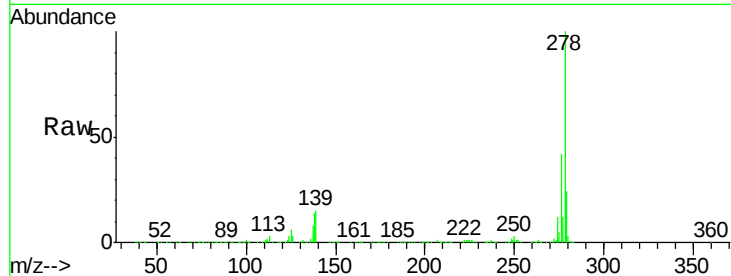
#91
Dibenzo(a,h)anthracene
Concen: 44.214 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Instrument :
BNA_F
ClientSampleId :
ICVBF060920

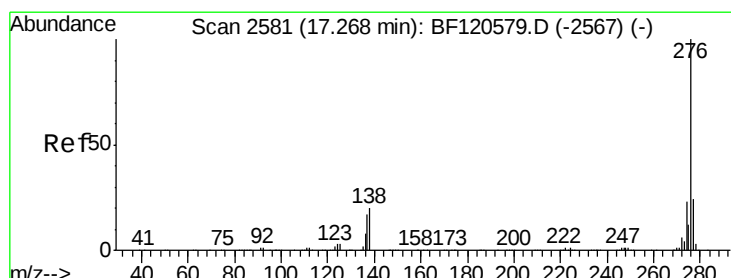
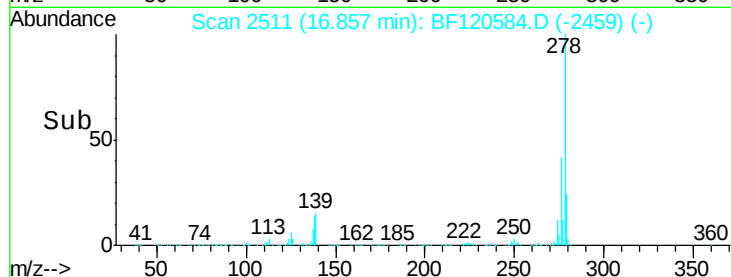
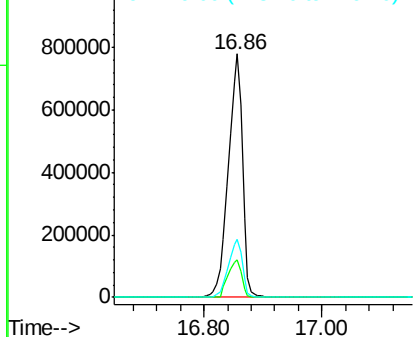
Tot Ion:278 Resp: 1303030
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.6
279 23.8 19.4 29.2

Manual Integrations
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mohammad
6/10/2020 11:51:05 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.784 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF120584.D
Acq: 9 Jun 2020 17:58

Tgt Ion:276 Resp: 1262898
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.2
138 21.9 16.3 24.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

