

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120494.D
 Acq On : 2 Jun 2020 14:56
 Operator : JU/CG
 Sample : L2814-01MSD 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Manual Integrations
 APPROVED

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 6/3/2020 4:36:00 PM

Quant Time: Jun 02 15:38:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165304	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	568978	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	250684	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	429667	20.00	ng	0.00
76) Chrysene-d12	14.03	240	261152	20.00	ng	0.02
86) Perylene-d12	15.49	264	320093	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	578613	66.71	ng	0.00
7) Phenol-d6	6.48	99	693784	64.89	ng	0.00
23) Nitrobenzene-d5	7.40	82	420529	48.35	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	149221	64.24	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	766166	51.86	ng	0.00
79) Terphenyl-d14	12.96	244	792563	67.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	101778	23.687	ng	99
3) Pyridine	3.39	79	232188	19.512	ng	99
4) n-Nitrosodimethylamine	3.32	42	117407	23.314	ng	100
6) Aniline	6.50	93	122486	8.216	ng	98
8) 2-Chlorophenol	6.63	128	245928	25.145	ng	96
9) Benzaldehyde	6.39	77	134549	20.649	ng	96
10) Phenol	6.49	94	294409	25.182	ng	82
11) bis(2-Chloroethyl)ether	6.57	93	239664	24.531	ng	98
12) 1,3-Dichlorobenzene	6.79	146	263765	24.547	ng	99
13) 1,4-Dichlorobenzene	6.86	146	264127	24.638	ng	99
14) 1,2-Dichlorobenzene	7.02	146	246987	24.943	ng	98
15) Benzyl Alcohol	6.99	79	194778	24.168	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	327988	21.295	ng	99
17) 2-Methylphenol	7.10	107	184898	21.141	ng	97
18) Hexachloroethane	7.36	117	67544	17.212	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	153346	22.564	ng	98
20) 3+4-Methylphenols	7.25	107	230523	20.864	ng	# 78
22) Acetophenone	7.25	105	307558	26.615	ng	# 95
24) Nitrobenzene	7.42	77	229925	24.539	ng	99
25) Isophorone	7.66	82	403588	23.086	ng	98
26) 2-Nitrophenol	7.75	139	109782	25.987	ng	95
27) 2,4-Dimethylphenol	7.78	122	195481	26.645	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	264654	25.138	ng	99
29) 2,4-Dichlorophenol	7.99	162	177599	23.967	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	202988	24.410	ng	98
31) Naphthalene	8.15	128	1031987	41.299	ng	100
32) Benzoic acid	7.88	122	110280	20.256	ng	97
33) 4-Chloroaniline	8.20	127	80018	7.225	ng	96
34) Hexachlorobutadiene	8.27	225	121312	24.611	ng	98
35) Caprolactam	8.55	113	54020	22.510	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	168163	22.368	ng	100
37) 2-Methylnaphthalene	8.85	142	671156	40.549	ng	99
38) 1-Methylnaphthalene	8.94	142	602156	38.542	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	183151	28.490	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	14152	3.944	nq	95
43) 2,4,6-Trichlorophenol	9.12	196	116548	25.067	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	121352	23.026	nq	97
46) 1,1'-Biphenyl	9.30	154	559958	34.003	nq	98
47) 2-Chloronaphthalene	9.33	162	343906	25.361	nq	99
48) 2-Nitroaniline	9.42	65	104746	25.361	nq	99
49) Acenaphthylene	9.75	152	759134	36.227	nq	99
50) Dimethylphthalate	9.60	163	523909	33.429	nq	100
51) 2,6-Dinitrotoluene	9.66	165	73999	21.247	nq	95
52) Acenaphthene	9.92	154	788739	60.309	nq	100
53) 3-Nitroaniline	9.83	138	69880	17.086	nq	99
54) 2,4-Dinitrophenol	9.95	184	9302	13.613	nq	# 51
55) Dibenzofuran	10.09	168	1003246	52.787	nq	97
56) 4-Nitrophenol	10.00	139	136746	43.673	nq	96
57) 2,4-Dinitrotoluene	10.07	165	98595	22.119	nq	# 97
58) Fluorene	10.44	166	1179745	82.718	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	94171	22.930	nq	# 75
60) Diethylphthalate	10.30	149	370133	23.371	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	168671	21.814	nq	97
62) 4-Nitroaniline	10.44	138	81331	21.064	nq	95
63) Azobenzene	10.58	77	323277	21.701	nq	88
65) 4,6-Dinitro-2-methylphenol	10.49	198	8485	5.414	nq	# 69
66) n-Nitrosodiphenylamine	10.54	169	324017	27.148	nq	97
67) 4-Bromophenyl-phenylether	10.92	248	104373	24.065	nq	96
68) Hexachlorobenzene	10.99	284	109947	23.804	nq	# 94
69) Atrazine	11.07	200	84509	25.121	nq	99
70) Pentachlorophenol	11.19	266	104767	37.099	nq	98
71) Phenanthrene	11.42	178	4358403	230.209	nq	98
72) Anthracene	11.46	178	2414175	127.091	nq	99
73) Carbazole	11.60	167	792956	43.158	nq	99
74) Di-n-butylphthalate	11.93	149	566185	26.491	nq	99
75) Fluoranthene	12.62	202	6068303	297.881	nq	98
77) Benzidine	12.72	184	292672	42.653	nq	98
78) Pyrene	12.84	202	5165445	284.415	nq	95
80) Butylbenzylphthalate	13.43	149	249078	32.851	nq	99
81) Benzo(a)anthracene	14.02	228	3928756	280.699	nq	96
82) 3,3'-Dichlorobenzidine	13.98	252	144084	28.355	nq	97
83) Chrysene	14.06	228	3052808	208.051	nq	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	346738	38.958	nq	99
85) Di-n-octyl phthalate	14.61	149	575290	37.355	nq	99
87) Indeno(1,2,3-cd)pyrene	16.98	276	1721266	98.317	nq	96
88) Benzo(b)fluoranthene	15.08	252	3960507m	222.764	nq	
89) Benzo(k)fluoranthene	15.10	252	1129658m	68.062	nq	
90) Benzo(a)pyrene	15.45	252	2614020	168.091	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	688580	48.242	nq	97
92) Benzo(g,h,i)perylene	17.42	276	1449278	102.948	nq	97

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

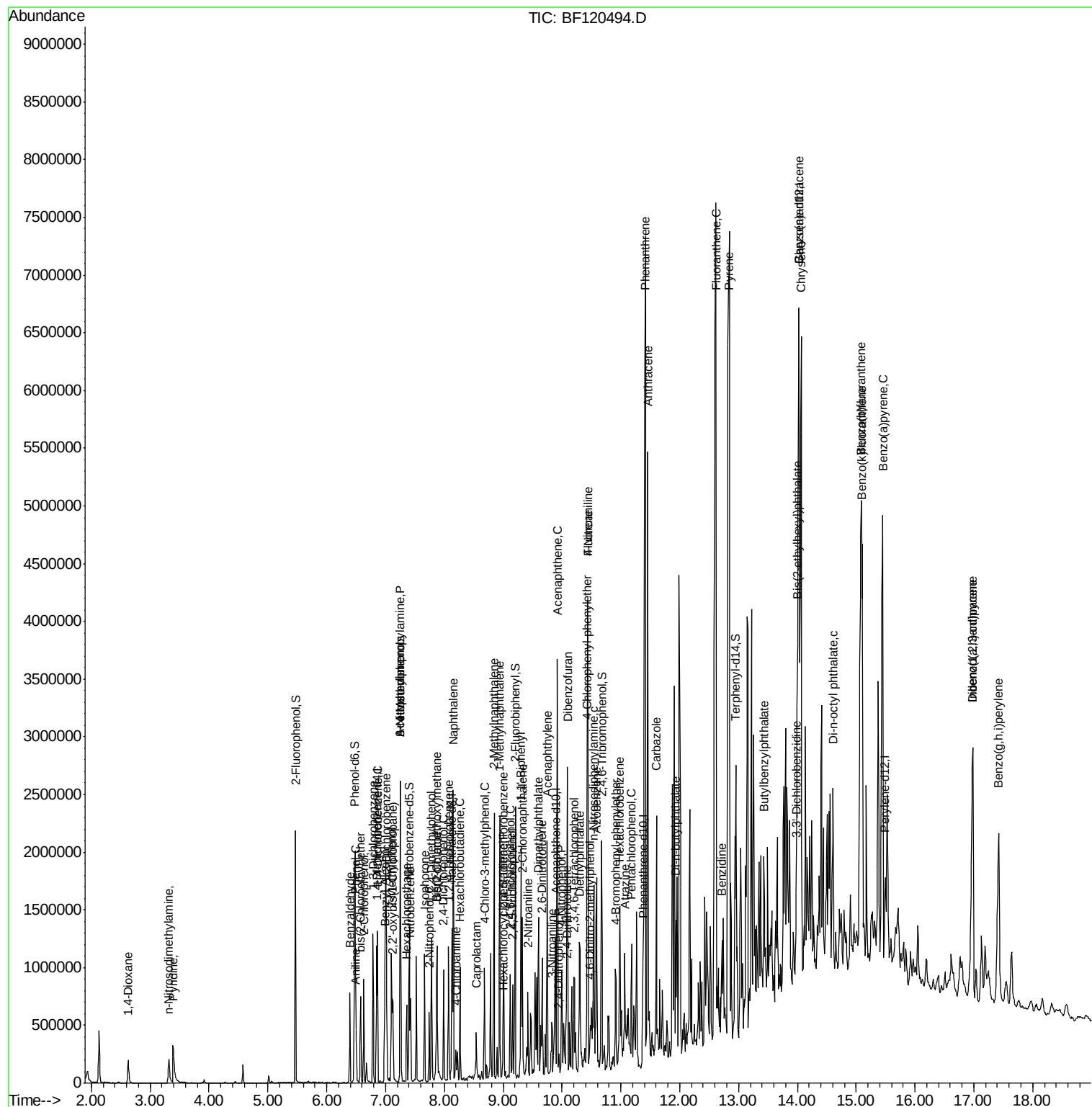
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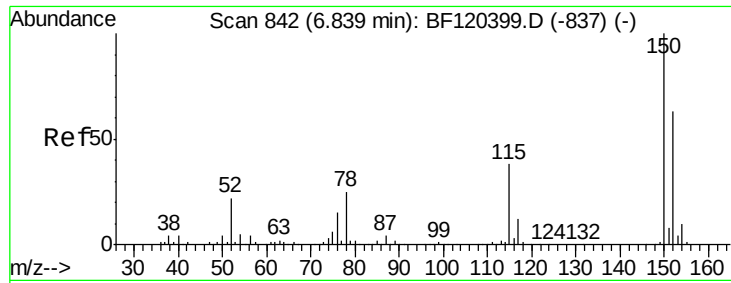
Instrument :
BNA_F
ClientSampleId :
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#1

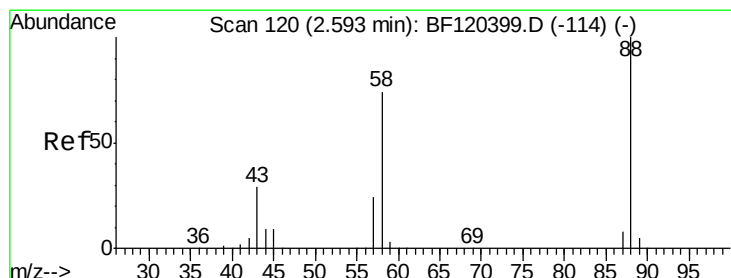
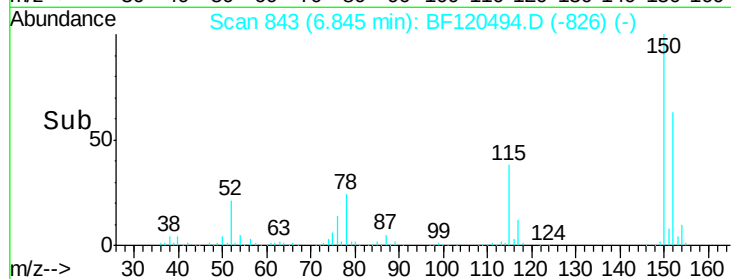
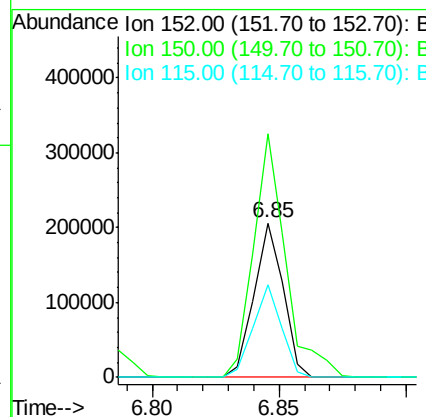
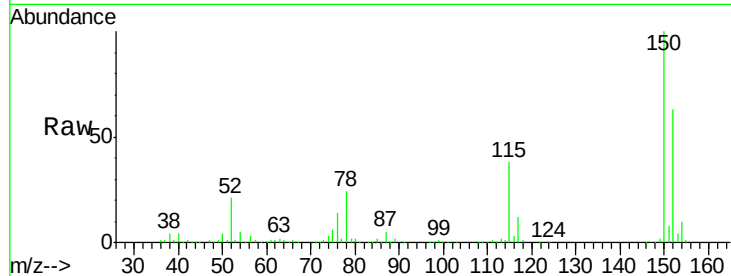
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.7	190.1
115	59.8	46.2	69.2

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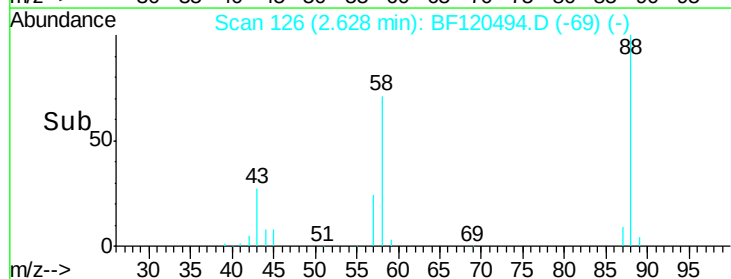
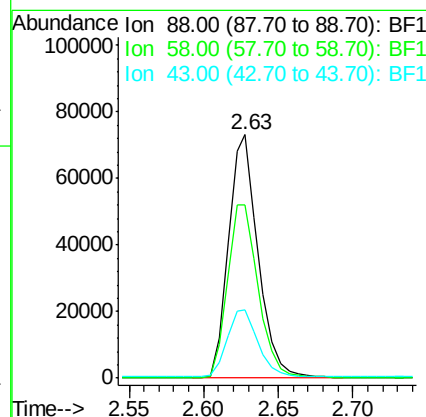
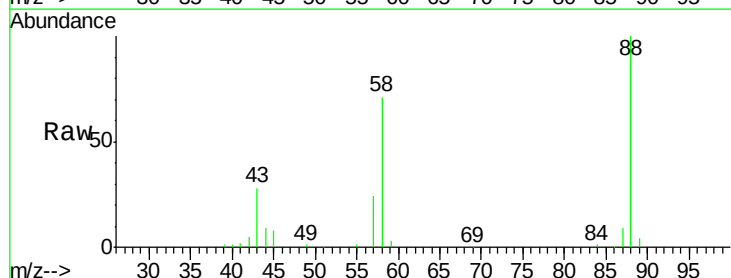
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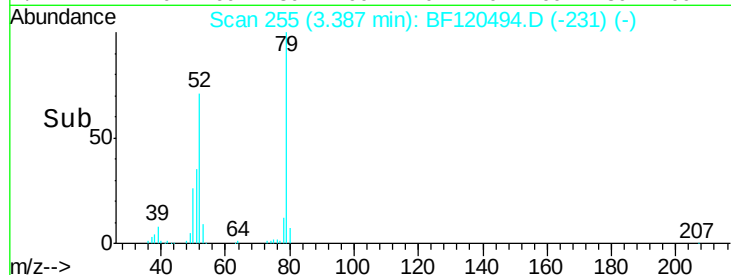
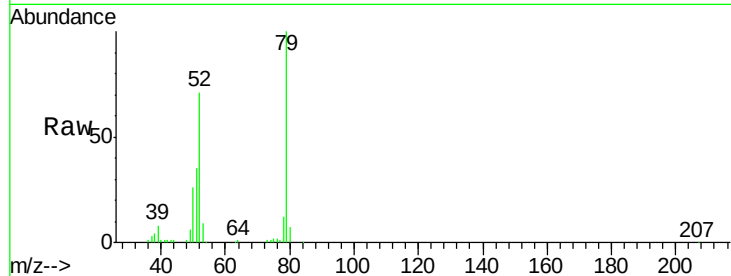
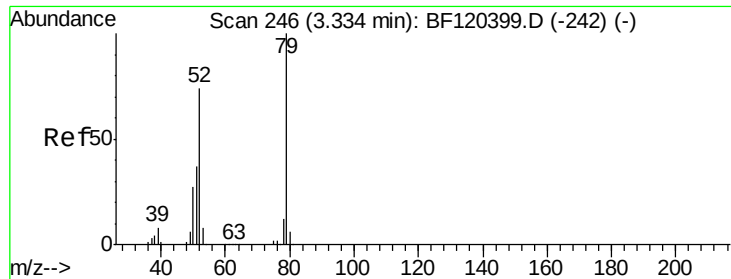


#2

1,4-Dioxane
Concen: 23.687 ng
RT: 2.63 min Scan# 126
Delta R.T. 0.04 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	60.0	90.0
43	28.8	23.2	34.8





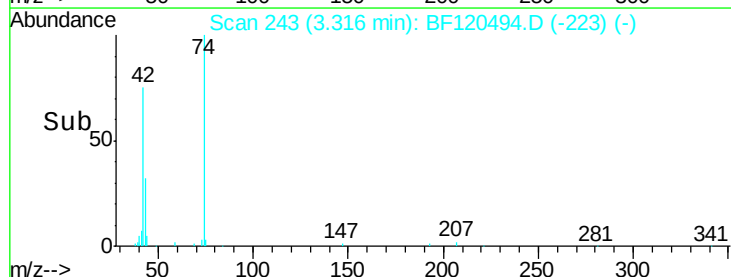
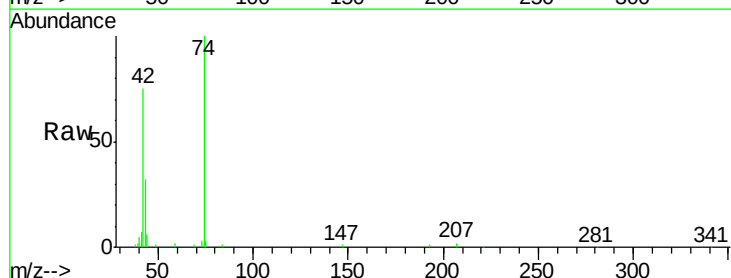
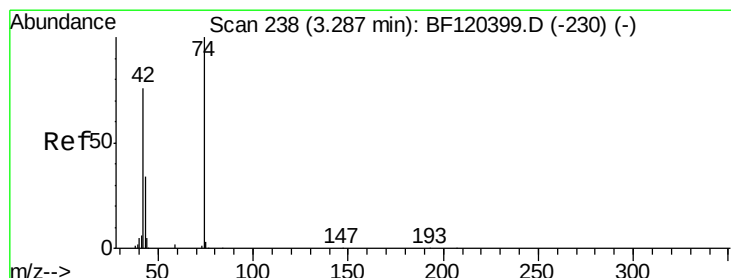
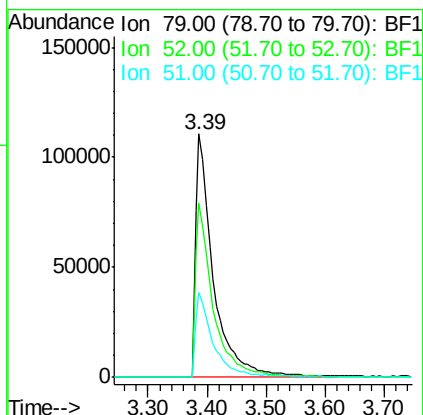
#3
 Pvridine
 Concen: 19.512 ng
 RT: 3.39 min Scan# 255
 Delta R.T. 0.04 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.4	58.2	87.4
51	34.8	28.1	42.1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

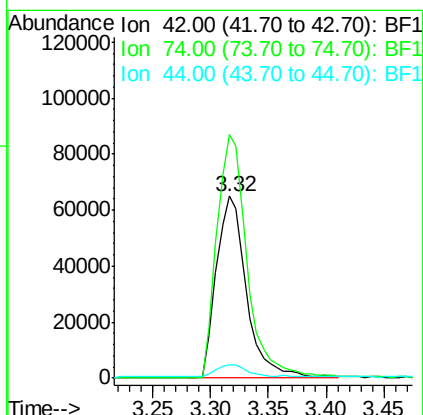
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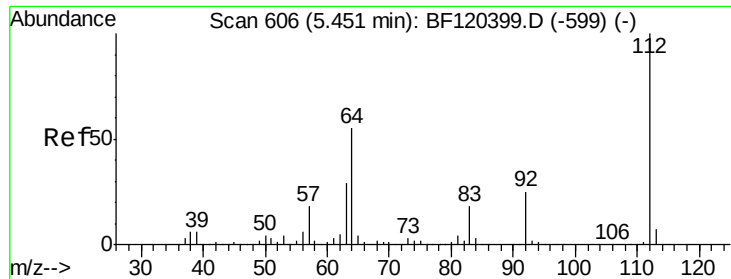
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#4
 n-Nitrosodimethylamine
 Concen: 23.314 ng
 RT: 3.32 min Scan# 243
 Delta R.T. 0.02 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.9	107.2	160.8
44	7.4	5.6	8.4





#5

2-Fluorophenol

Concen: 66.707 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

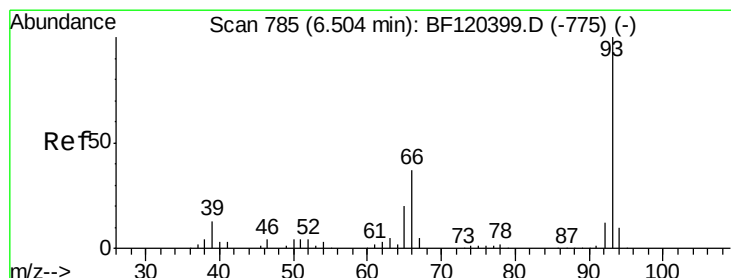
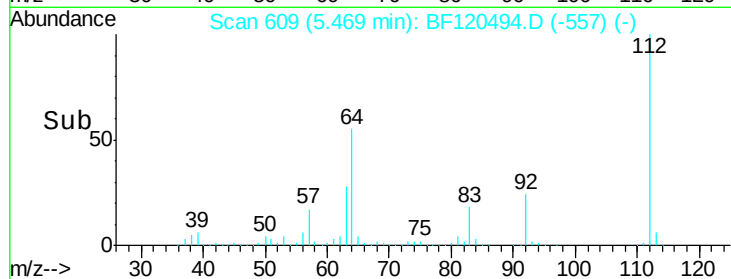
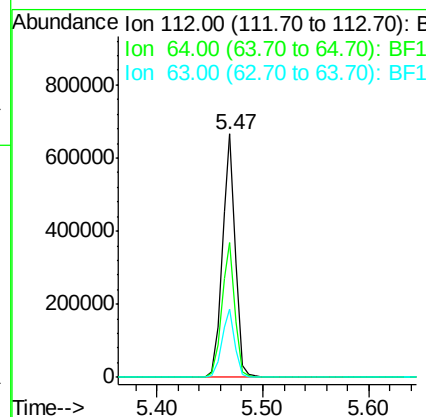
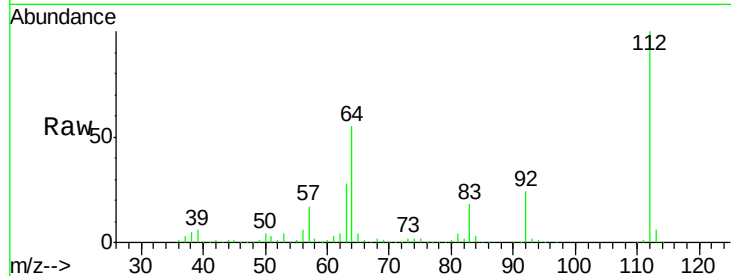
ClientSampleId :

PL-02-052920MSD

Tot Ion:	112	Resp:	578613
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.3	69.5
63	27.8	24.2	36.2

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#6

Aniline

Concen: 8.216 ng

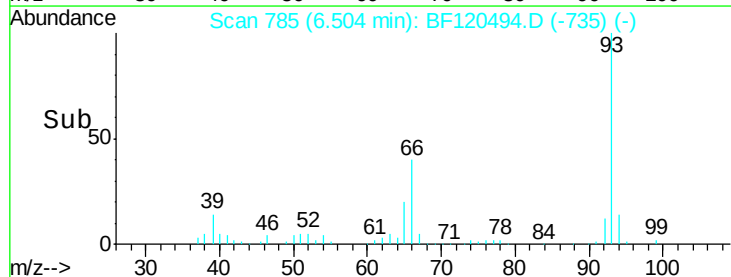
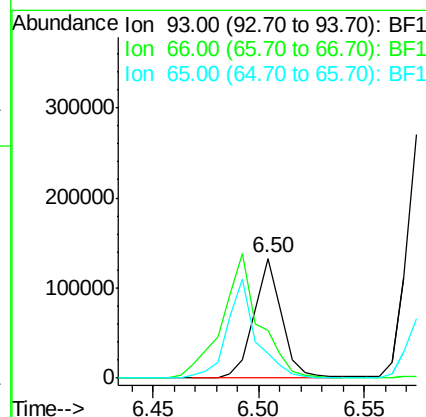
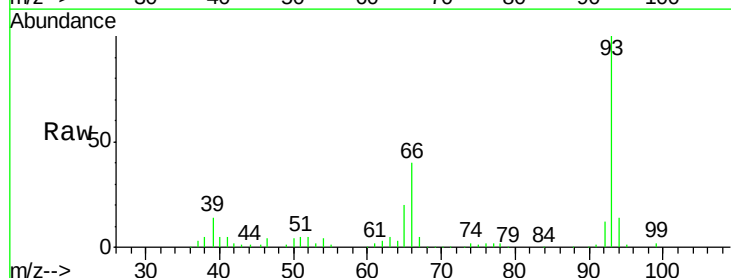
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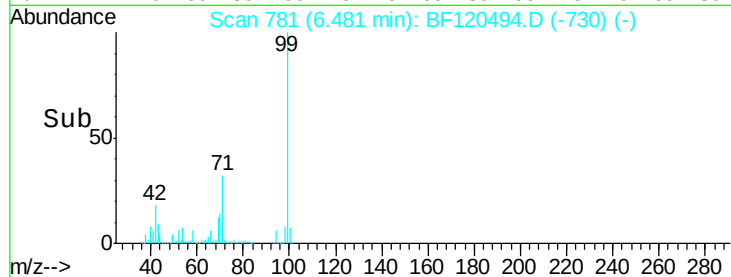
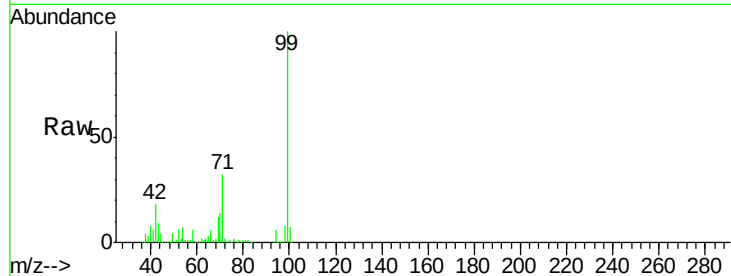
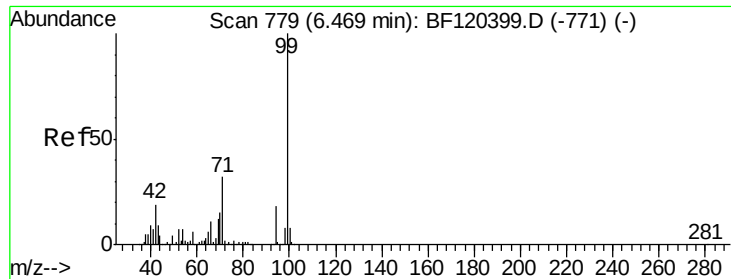
Delta R.T. -0.01 min

Lab File: BF120494.D

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Tgt Ion:	93	Resp:	122486
Ion Ratio	Lower	Upper	
93	100		
66	40.1	30.6	46.0
65	20.4	16.1	24.1





#7

Phenol-d6

Concen: 64.892 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tot Ion:	99	Resp:	693784
Ion Ratio	Lower	Upper	
99	100		
42	17.6	15.1	22.7
71	31.5	26.2	39.4

Instrument :

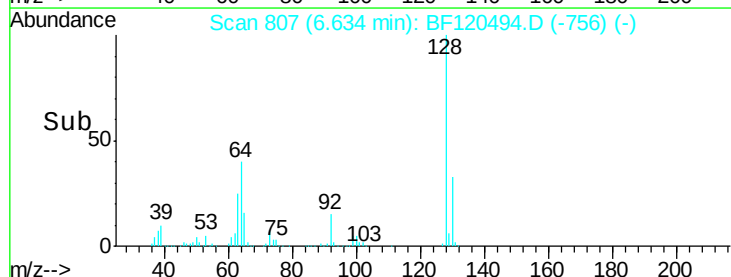
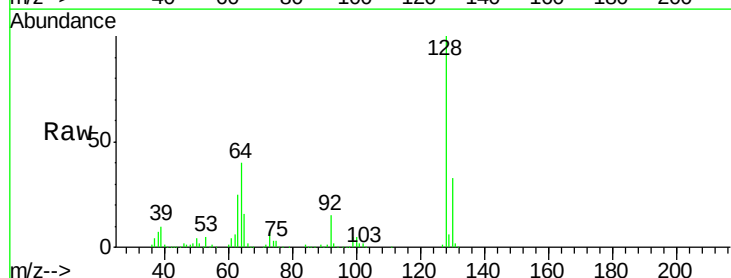
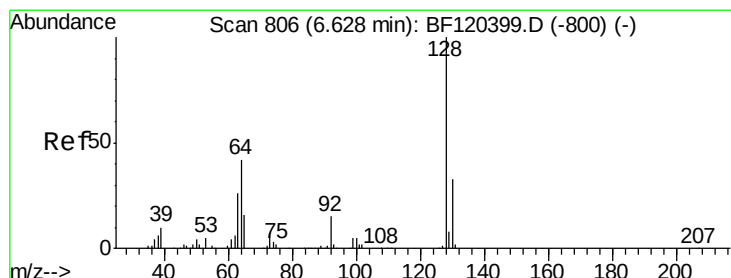
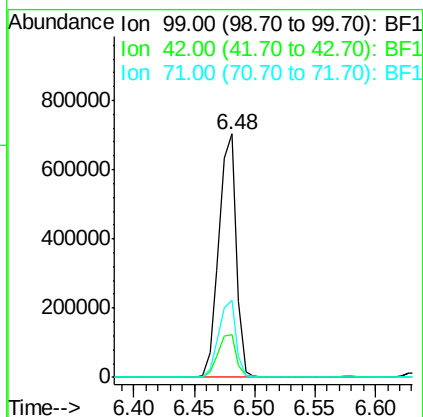
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#8

2-Chlorophenol

Concen: 25.145 ng

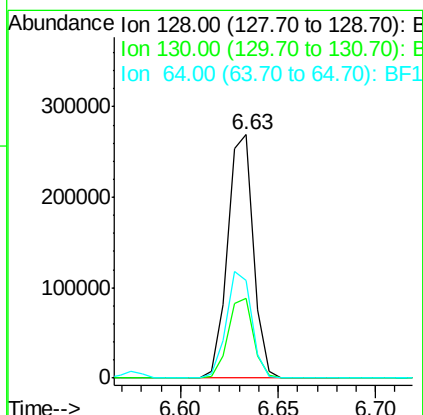
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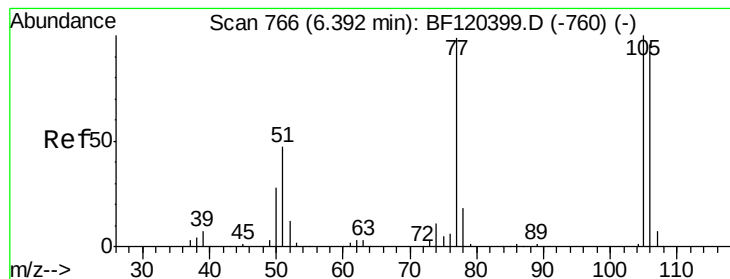
Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:	128	Resp:	245928
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	39.9	24.1	64.1





#9

Benzaldehyde

Concen: 20.649 ng

RT: 6.39 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF120494.D

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Instrument :

BNA_F

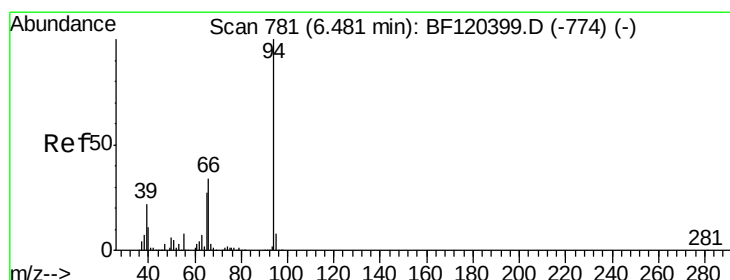
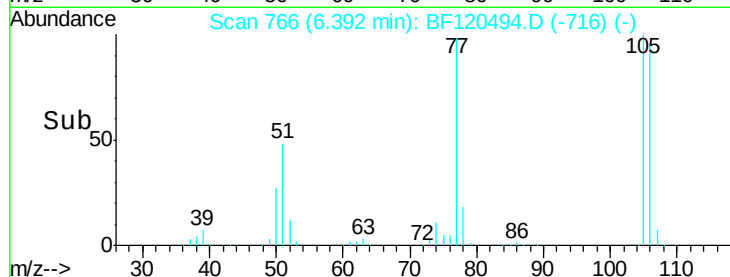
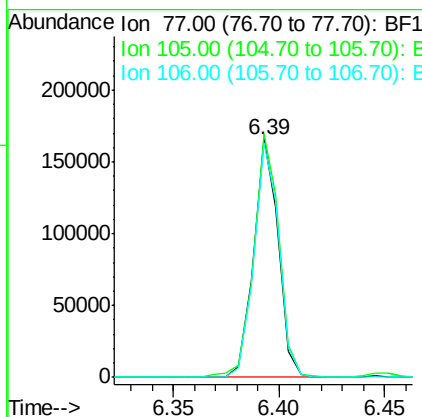
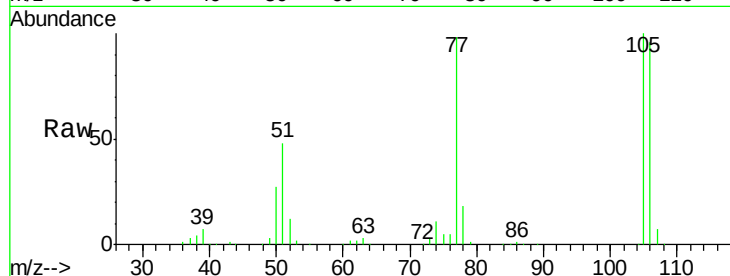
ClientSampleId :

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Tot Ion:	77	Resp:	134549
Ion	Ratio	Lower	Upper
77	100		
105	102.1	87.0	127.0
106	98.4	81.3	121.3

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#10

Phenol

Concen: 25.182 ng

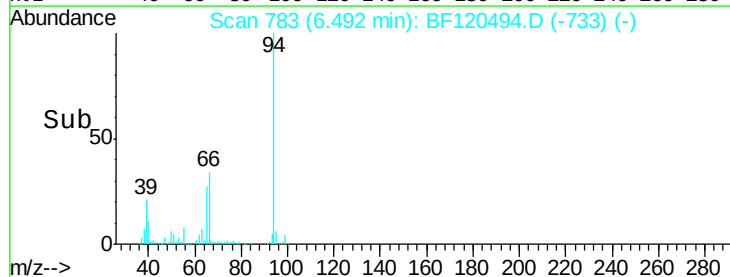
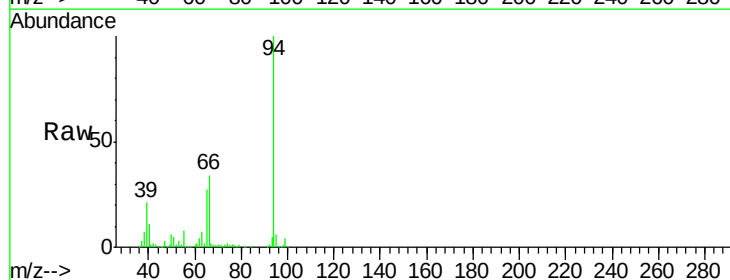
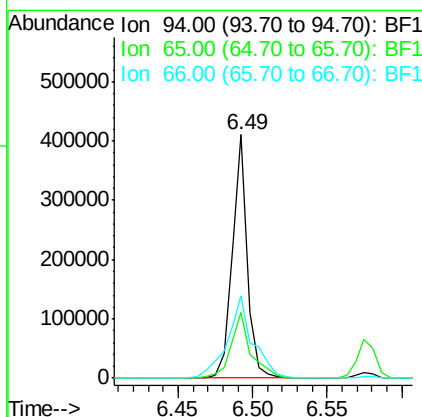
RT: 6.49 min Scan# 783

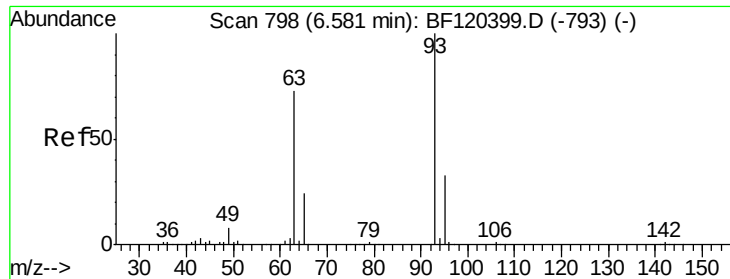
Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:	94	Resp:	294409
Ion	Ratio	Lower	Upper
94	100		
65	26.8	14.1	54.1
66	33.6	28.9	68.9





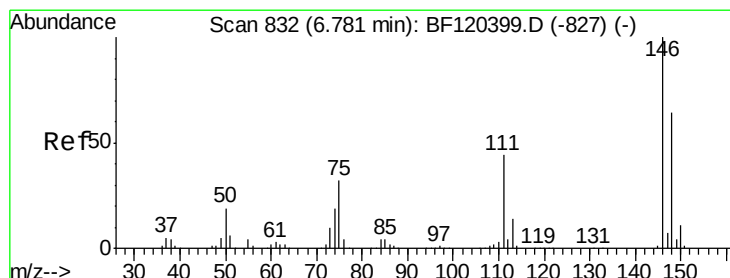
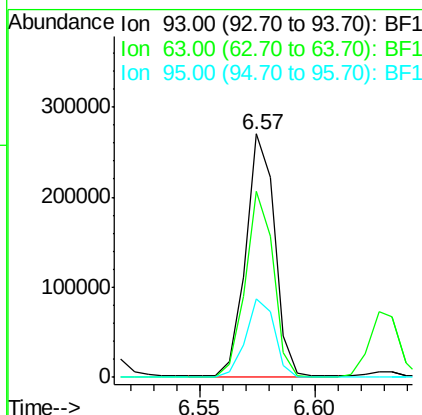
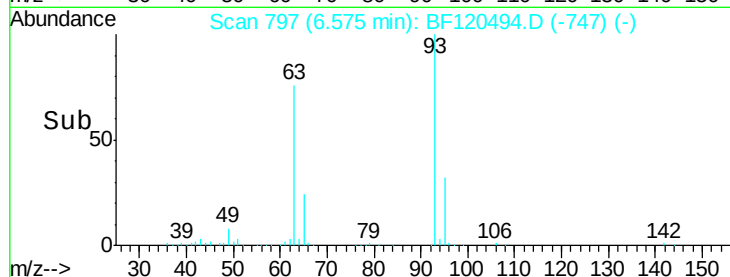
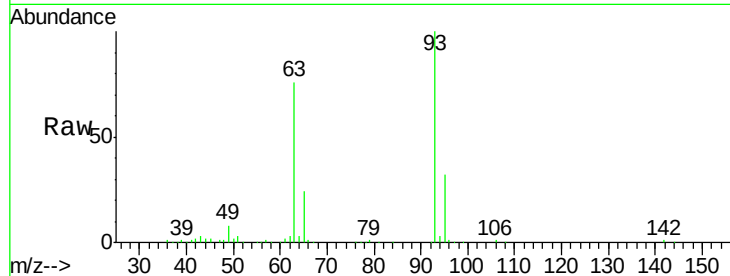
#11
bis(2-Chloroethyl)ether
Concen: 24.531 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion:	93	Resp:	239664
Ion Ratio	Lower	Upper	
93	100		
63	76.5	54.5	94.5
95	32.2	12.2	52.2

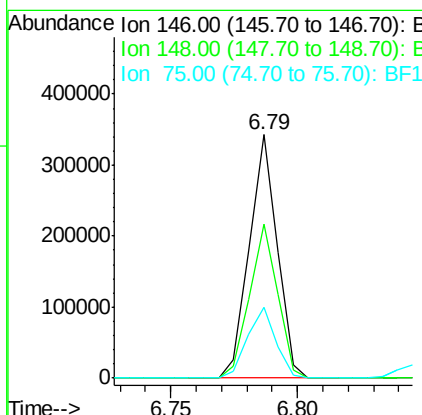
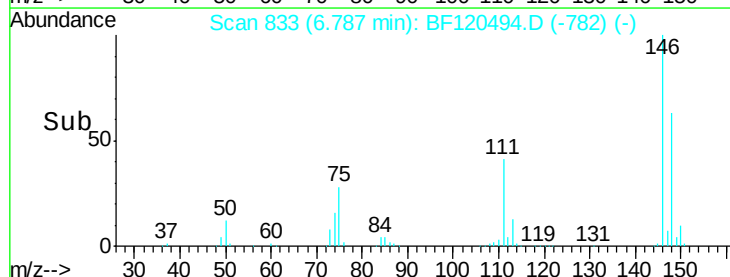
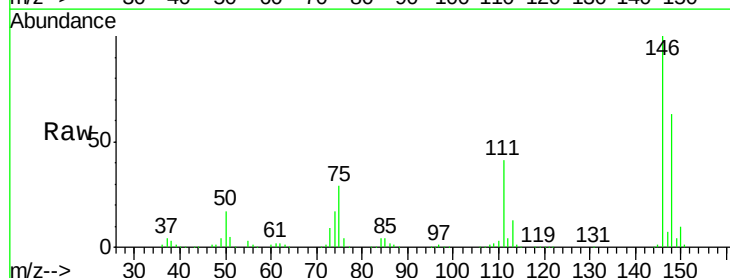
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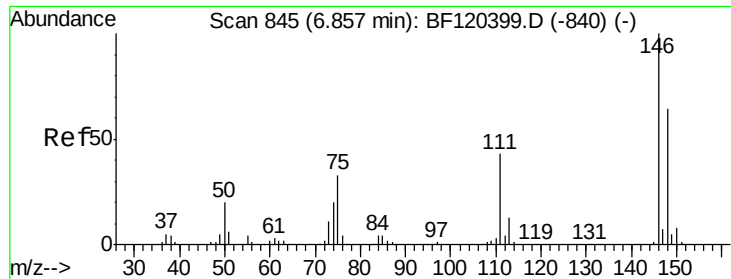
mohammad
6/3/2020 4:36:00 PM



#12
1,3-Dichlorobenzene
Concen: 24.547 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:	146	Resp:	263765
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.0	76.4
75	29.2	24.7	37.1





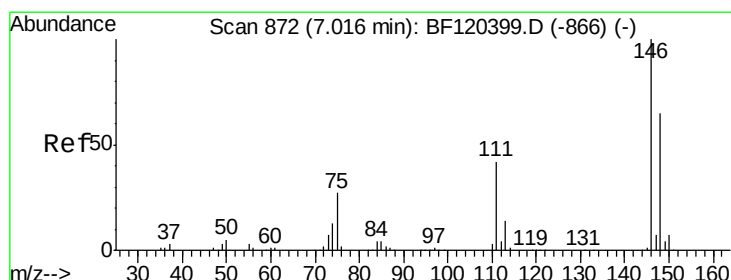
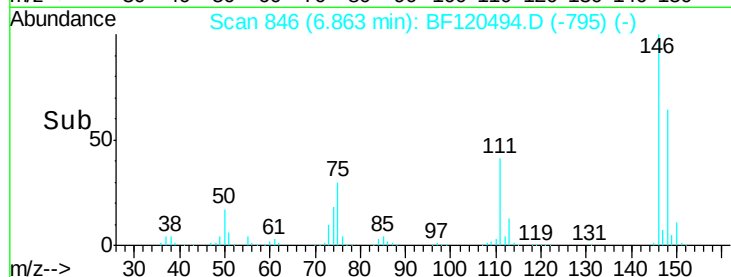
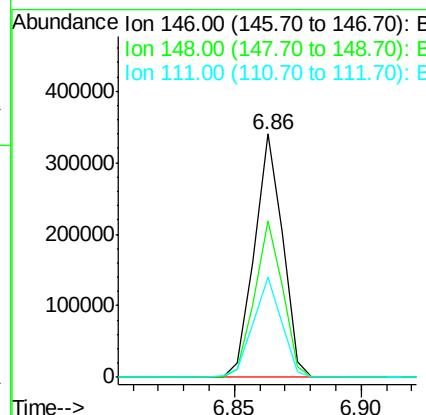
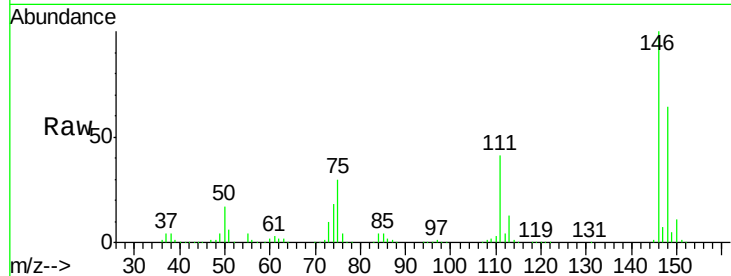
#13
1,4-Dichlorobenzene
Concen: 24.638 ng
RT: 6.86 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	41.0	33.1	49.7

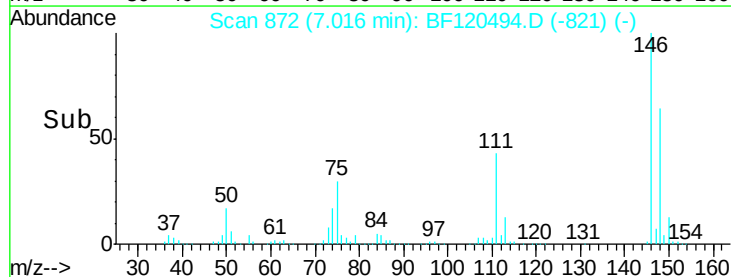
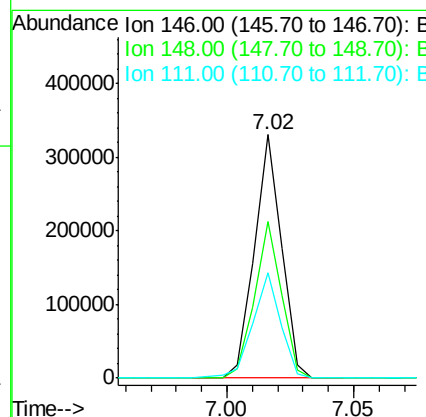
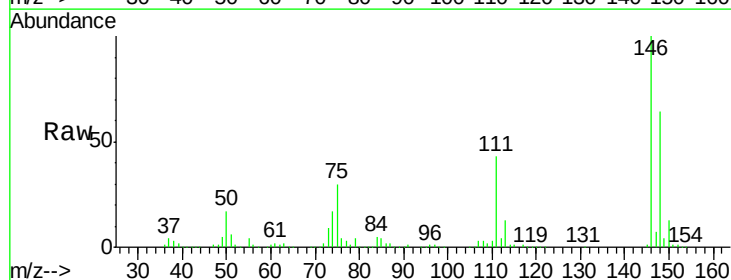
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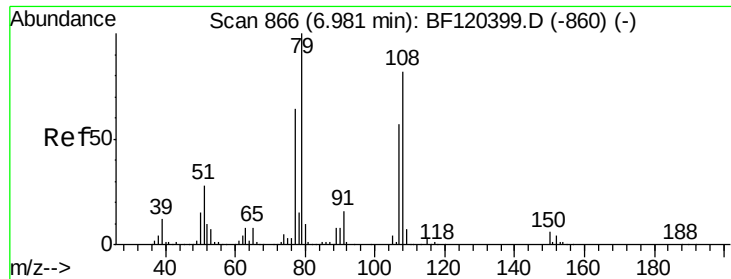
mohammad
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#14
1,2-Dichlorobenzene
Concen: 24.943 ng
RT: 7.02 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	43.2	35.6	53.4





#15

Benzyl Alcohol

Concen: 24.168 ng

RT: 6.99 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

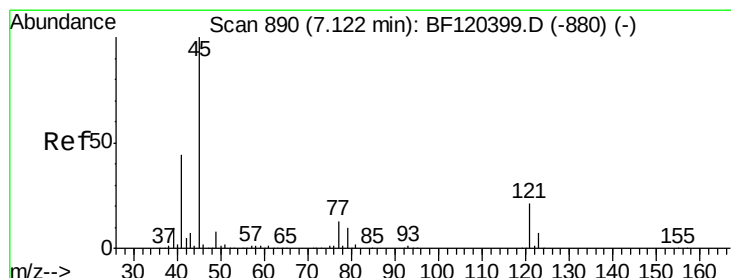
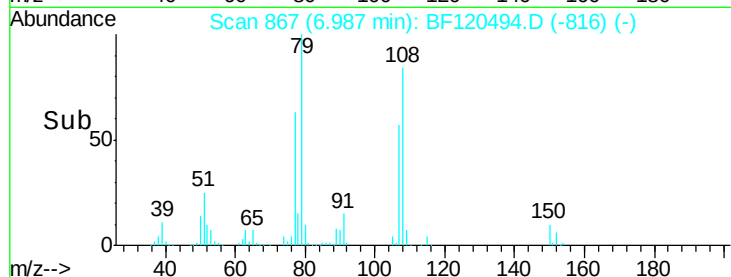
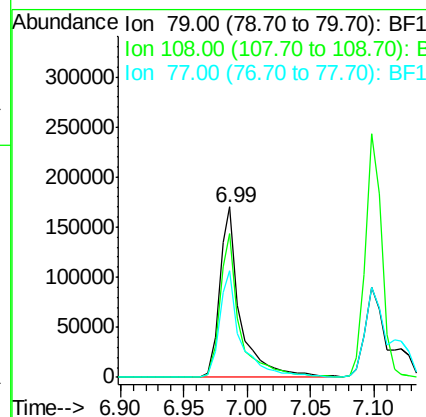
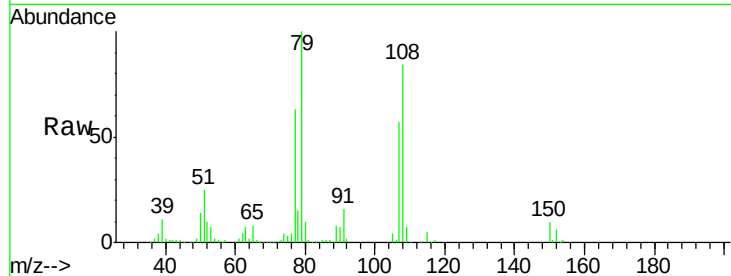
ClientSampleId :

PL-02-052920MSD

Tot Ion:	79	Resp:	194778
Ion Ratio	Lower	Upper	
79	100		
108	84.3	64.5	96.7
77	62.6	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.295 ng

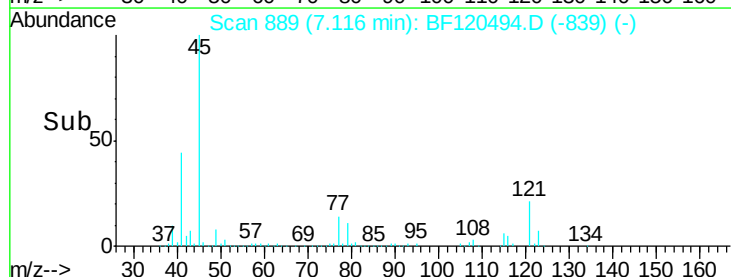
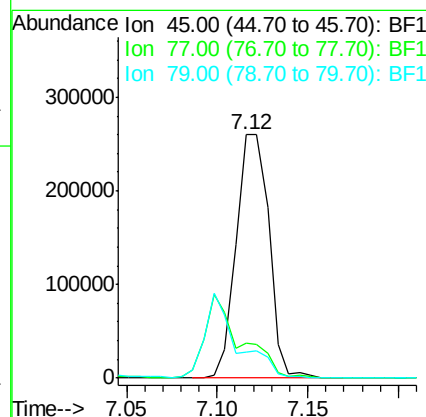
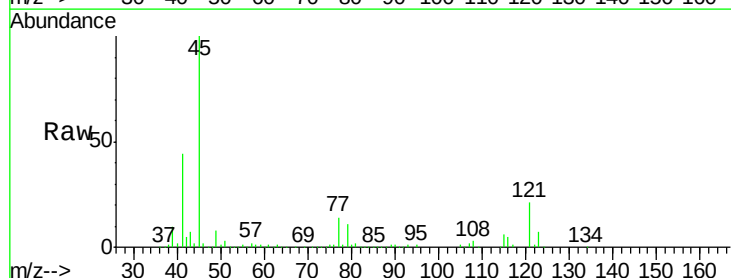
RT: 7.12 min Scan# 889

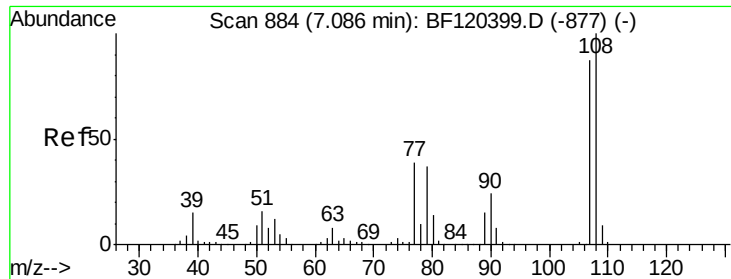
Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:	45	Resp:	327988
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	34.2
79	10.7	0.0	31.2





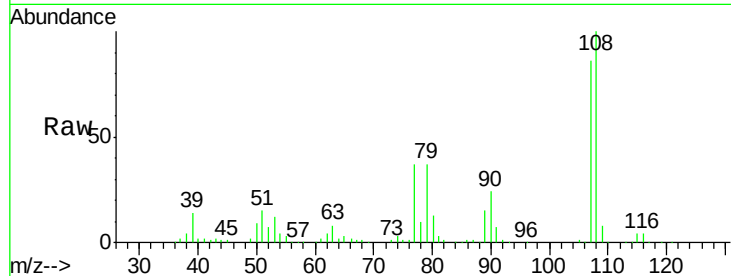
#17
2-Methylphenol
Concen: 21.141 ng
RT: 7.10 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

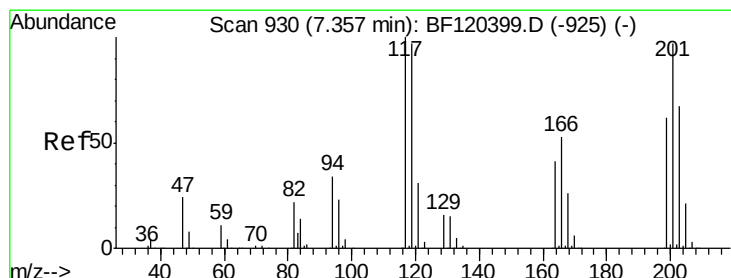
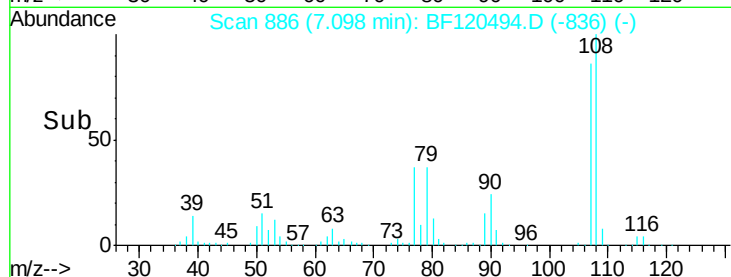
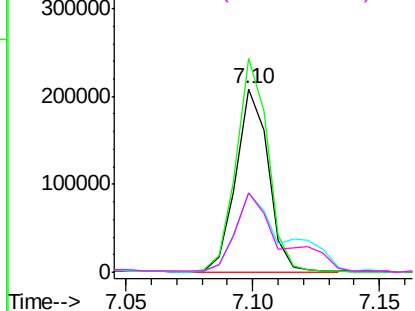
Tot Ion:	107	Resp:	184898
Ion Ratio	Lower	Upper	
107	100		
108	116.5	90.2	135.4
77	43.1	35.9	53.9
79	43.3	35.8	53.6

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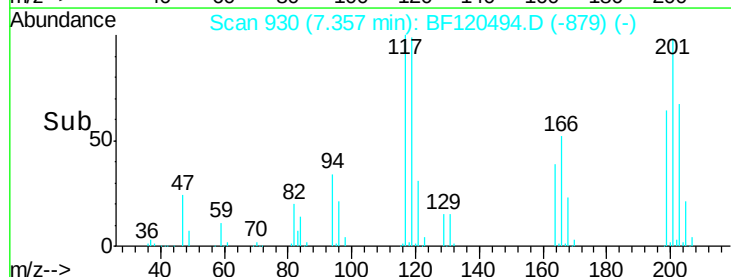
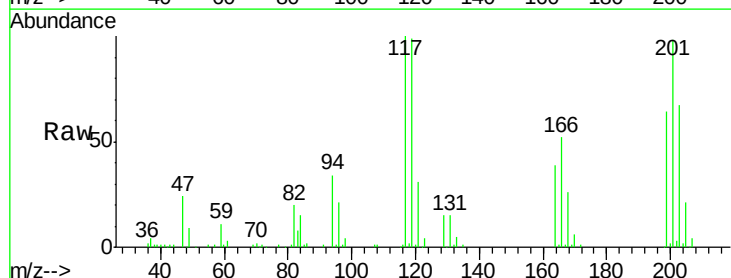
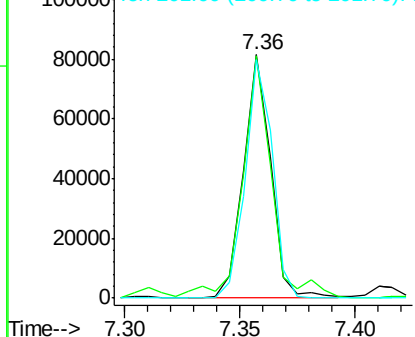
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

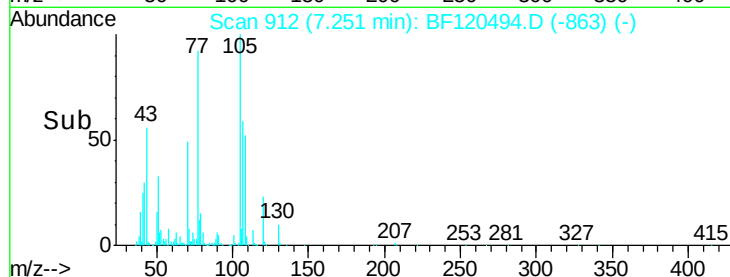
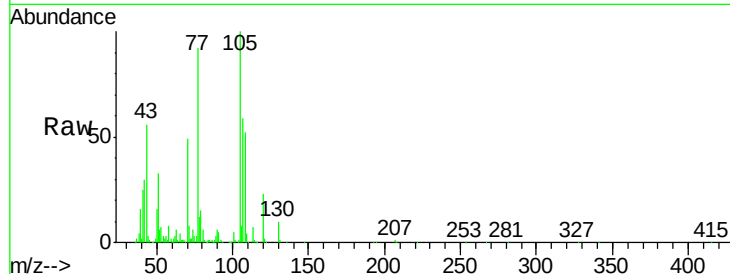
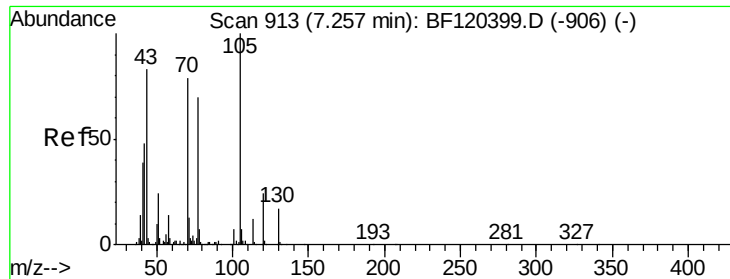


#18
Hexachloroethane
Concen: 17.212 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:	117	Resp:	67544
Ion Ratio	Lower	Upper	
117	100		
119	99.5	78.2	117.2
201	97.9	77.9	116.9

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





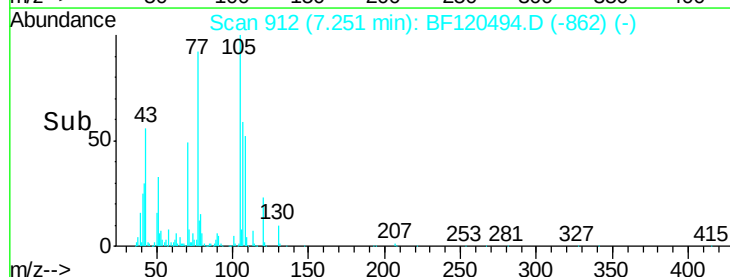
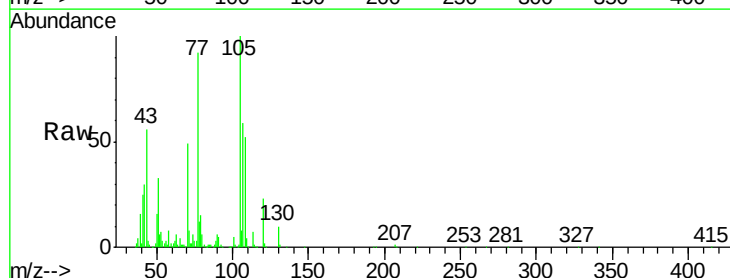
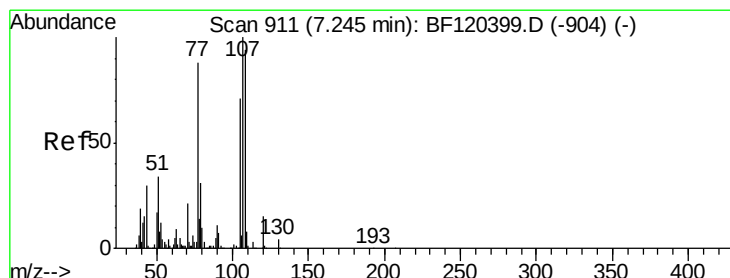
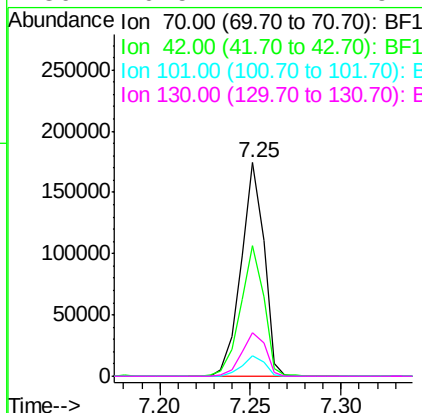
#19
n-Nitroso-di-n-propylamine
Concen: 22.564 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.4	71.2
101	9.6	7.8	11.6
130	20.5	17.1	25.7

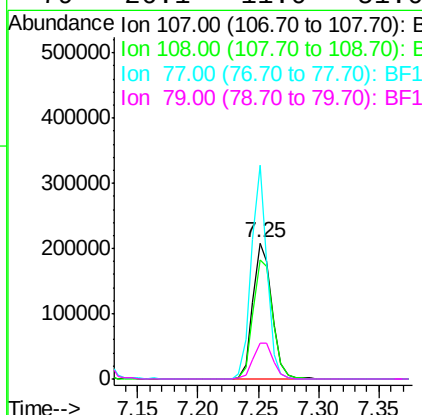
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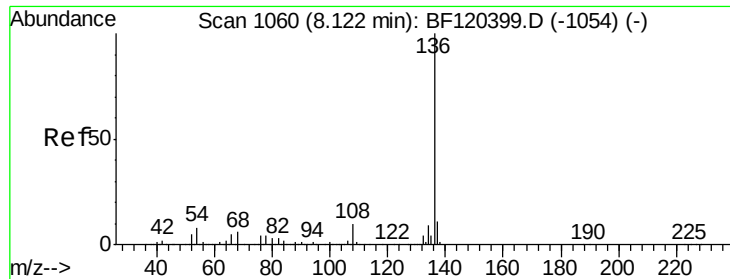
mohammad
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#20
3+4-Methylphenols
Concen: 20.864 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.4	113.4
77	156.9	95.8	135.8#
79	26.1	11.0	51.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PL-02-052920MSD

Tot Ion:136 Resp: 568978
Ion Ratio Lower Upper

136 100

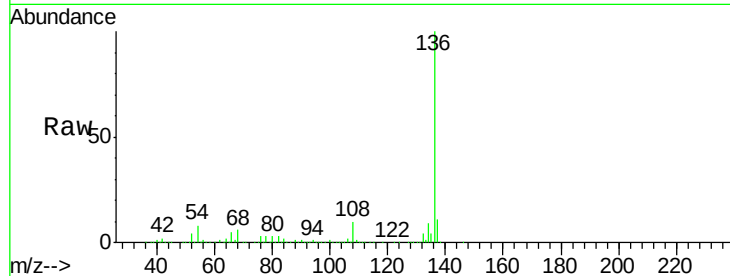
137 11.0 9.0 13.6

54 7.8 6.2 9.4

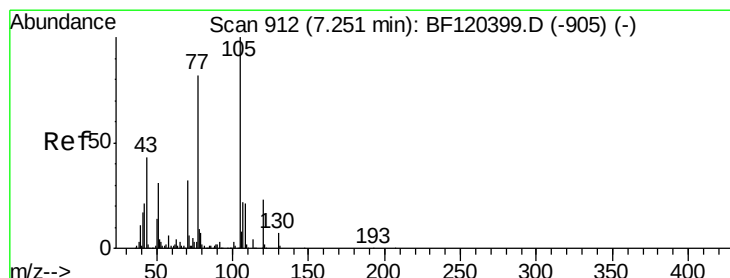
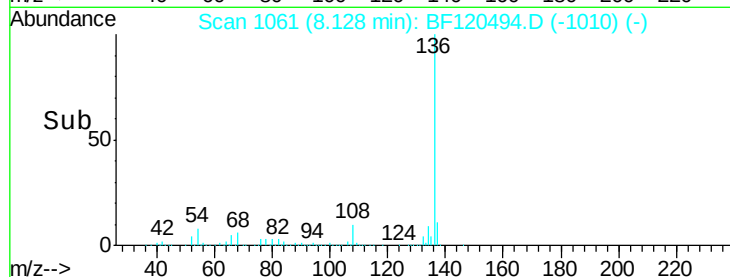
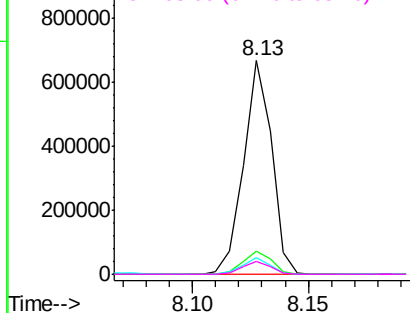
68 5.9 5.0 7.6

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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: 26.615 ng

RT: 7.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:105 Resp: 307558
Ion Ratio Lower Upper

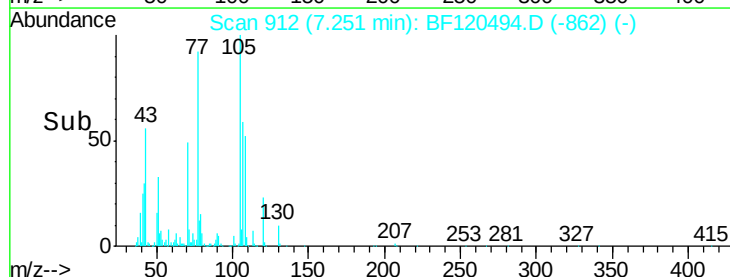
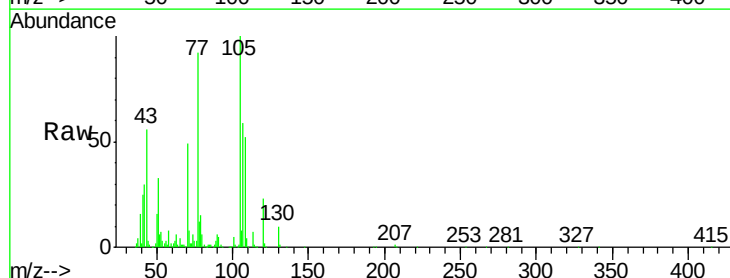
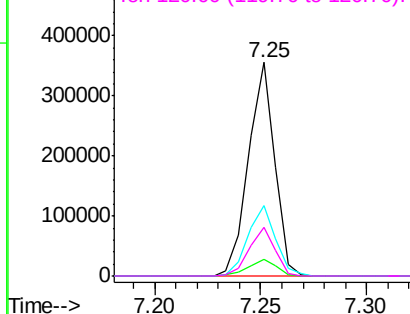
105 100

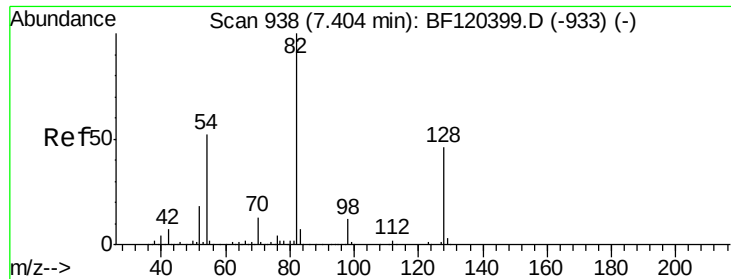
71 8.0 5.2 7.8#

51 33.0 30.3 45.5

120 22.8 18.0 27.0

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





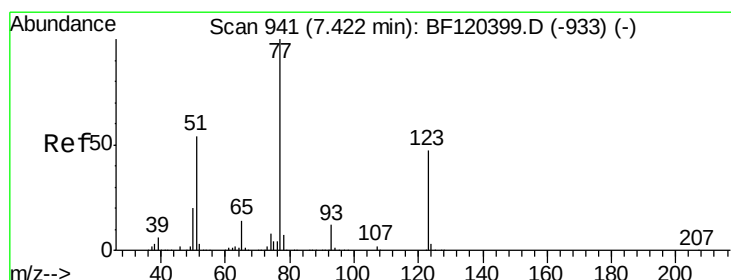
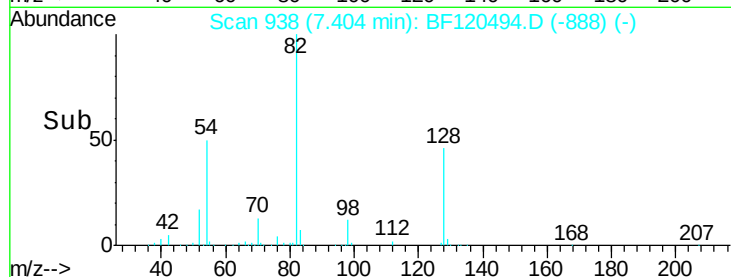
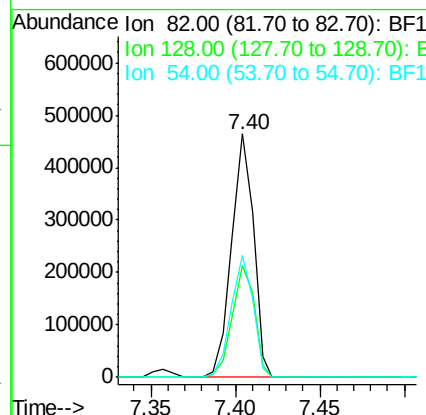
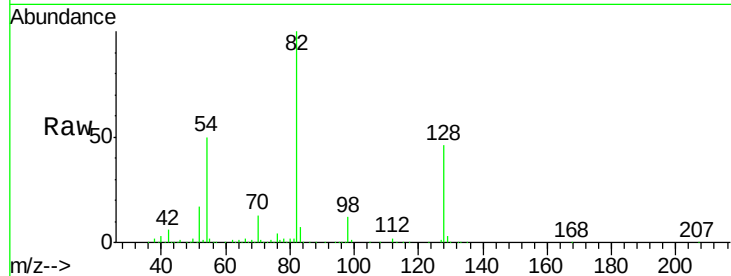
#23
 Nitrobenzene-d5
 Concen: 48.347 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.0	55.6
54	50.4	41.0	61.4

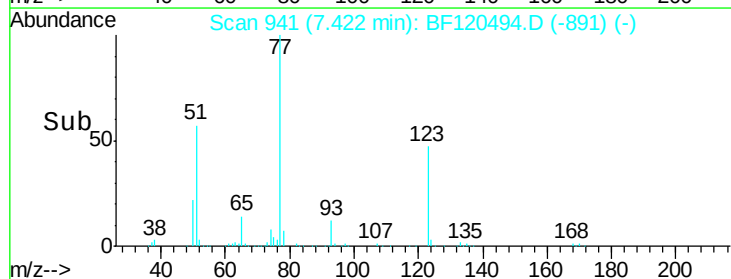
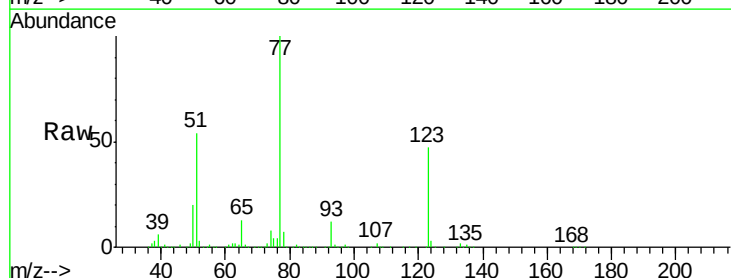
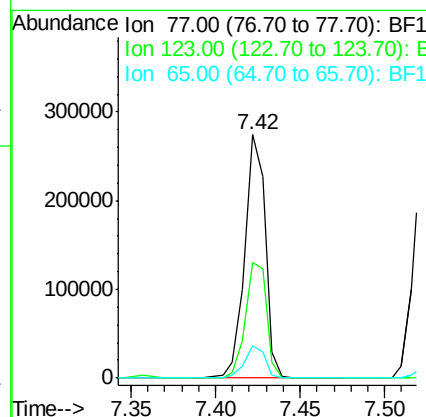
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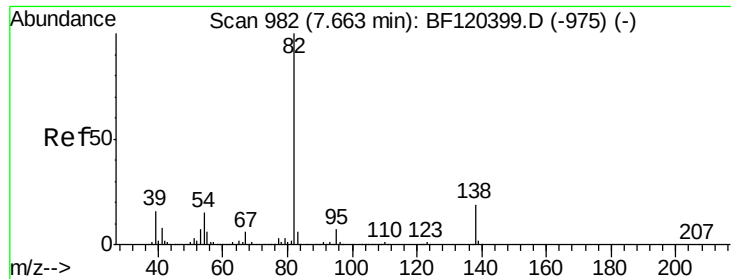
mohammad
 6/3/2020 4:36:00 PM



#24
 Nitrobenzene
 Concen: 24.539 ng
 RT: 7.42 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.4	57.6
65	13.3	11.0	16.4





#25

Isophorone

Concen: 23.086 ng

RT: 7.66 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

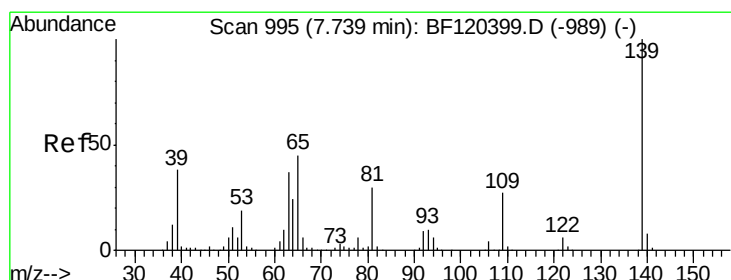
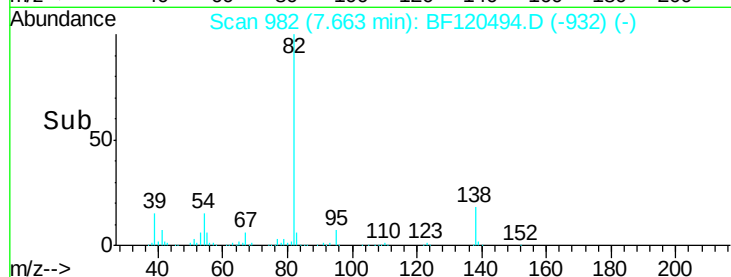
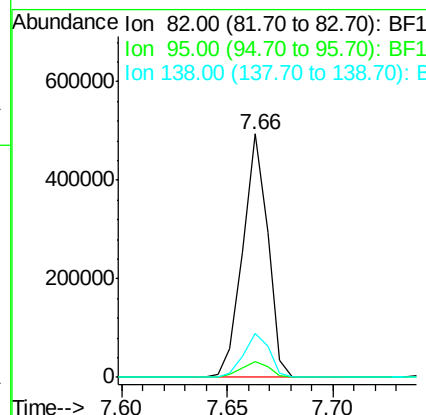
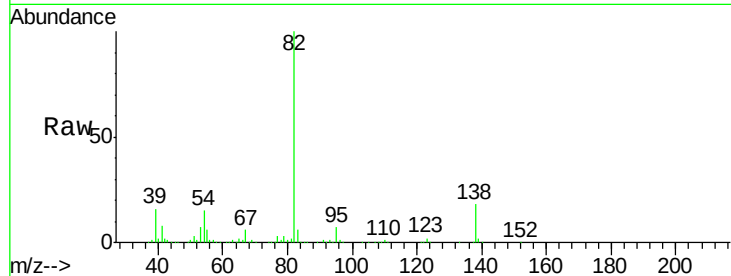
ClientSampleId :

PL-02-052920MSD

Tot Ion:	82	Resp:	403588
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.7	8.5
138	18.0	15.0	22.6

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#26

2-Nitrophenol

Concen: 25.987 ng

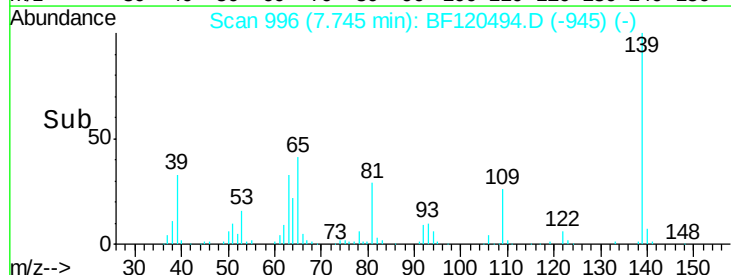
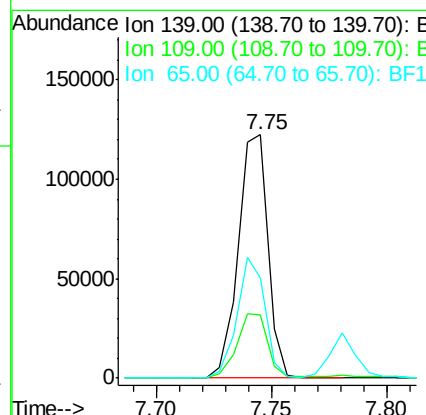
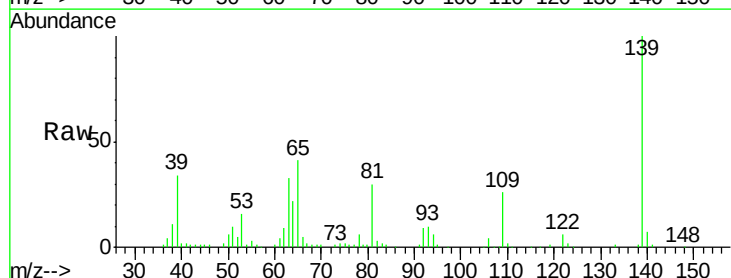
RT: 7.75 min Scan# 996

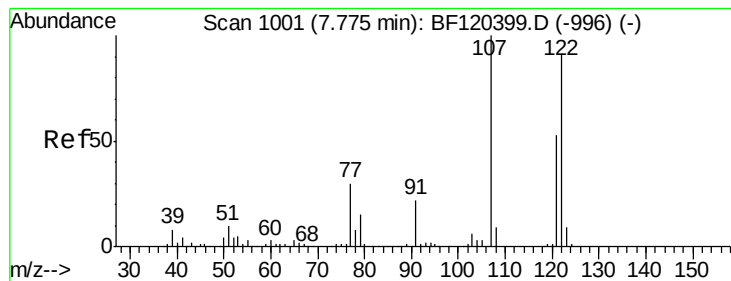
Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:	139	Resp:	109782
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.9	32.9
65	41.2	36.7	55.1





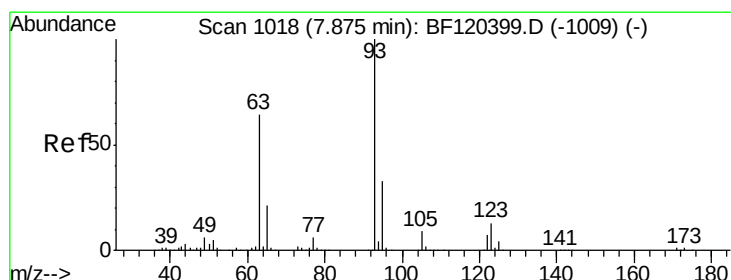
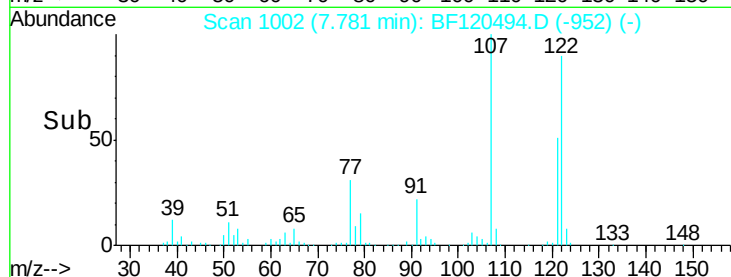
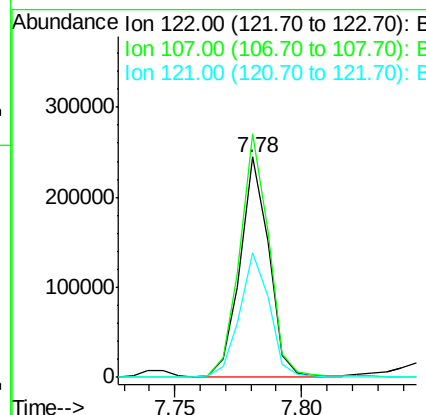
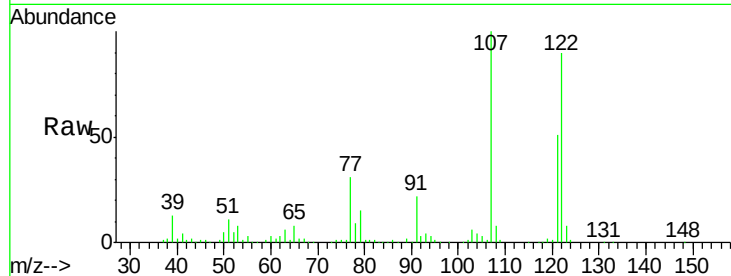
#27
2,4-Dimethylphenol
Concen: 26.645 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		195481		
107	110.5	85.2	127.8		
121	56.8	45.6	68.4		

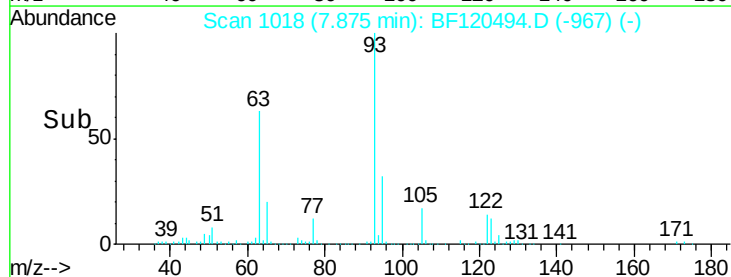
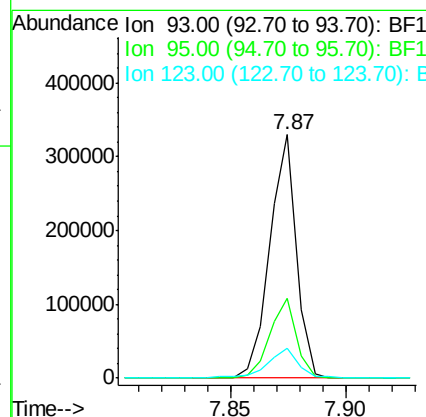
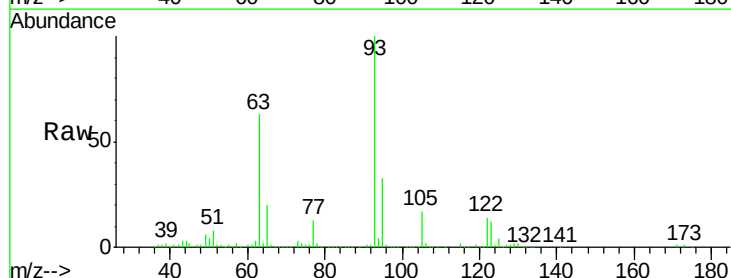
Manual Integrations
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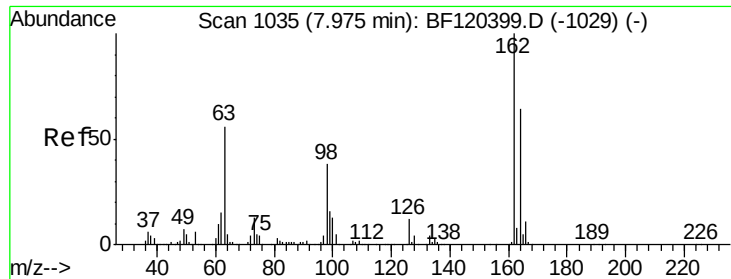
mohammad
6/3/2020 4:36:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 25.138 ng
RT: 7.87 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		264654		
95	32.6	26.6	39.8		
123	12.5	9.6	14.4		





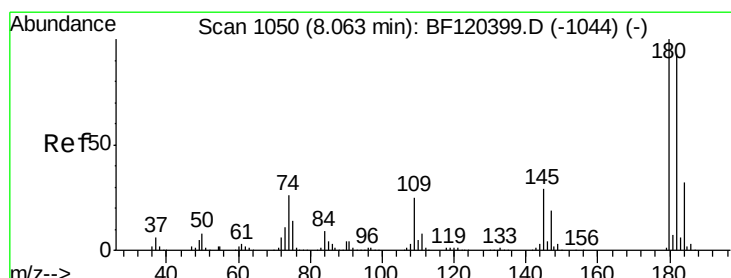
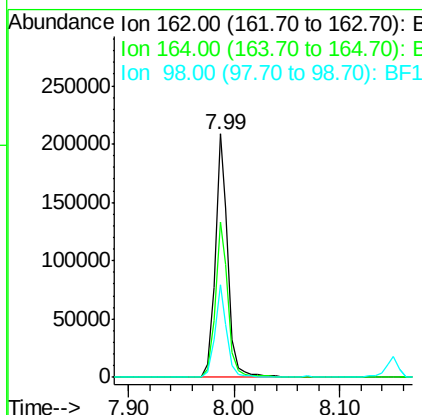
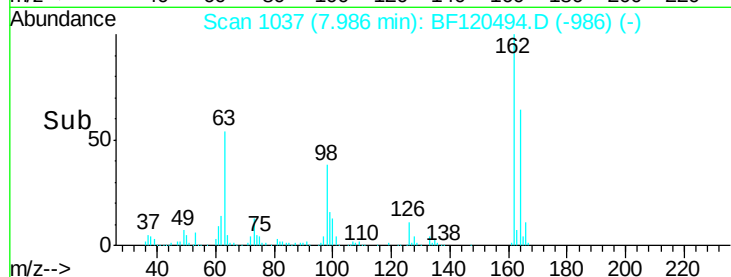
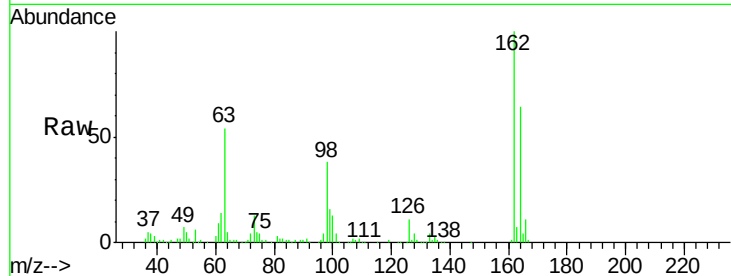
#29
2,4-Dichlorophenol
Concen: 23.967 ng
RT: 7.99 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	177599		
164	63.7	44.4	84.4	
98	37.9	17.9	57.9	

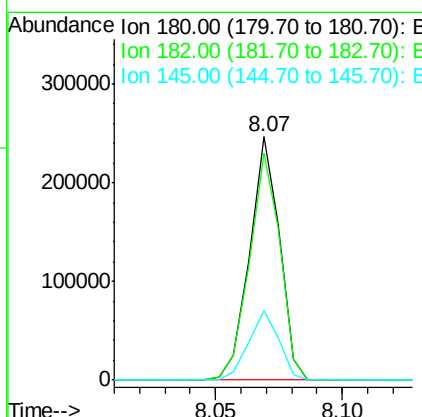
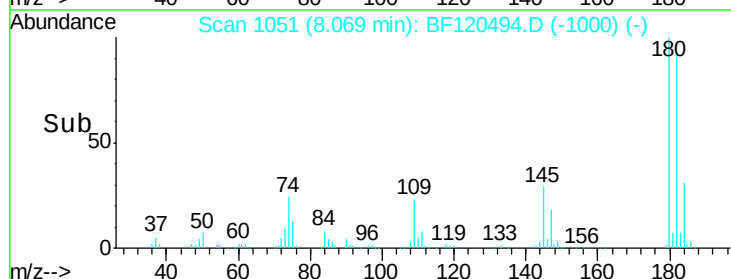
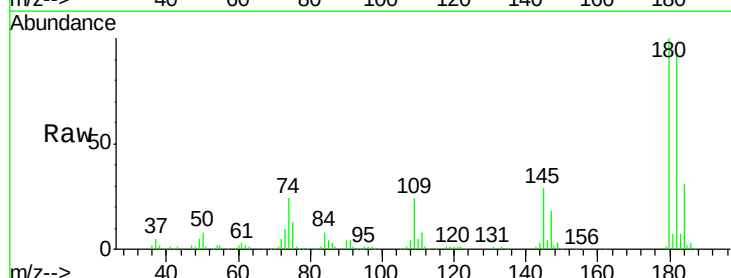
Manual Integrations
APPROVED

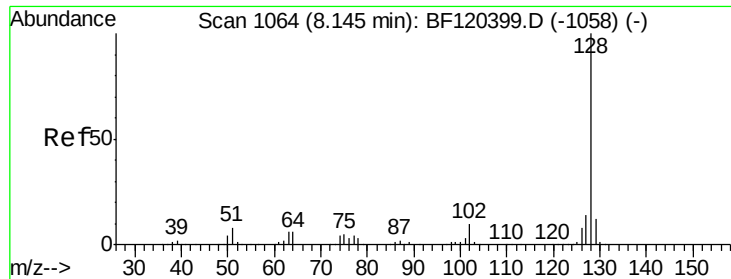
mohammad
6/3/2020 4:36:00 PM



#30
1,2,4-Trichlorobenzene
Concen: 24.410 ng
RT: 8.07 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	202988		
182	93.2	76.3	114.5	
145	28.7	24.2	36.4	





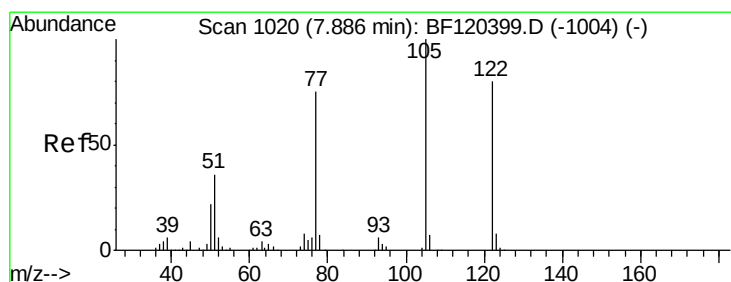
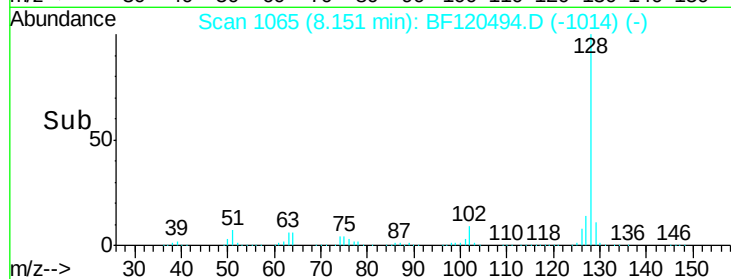
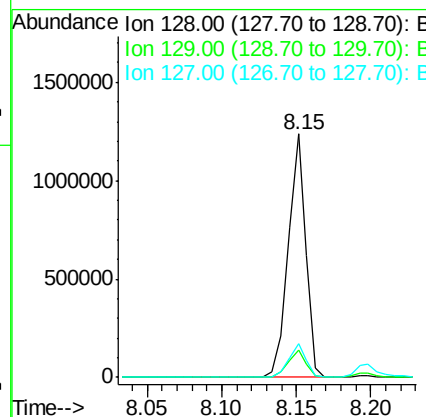
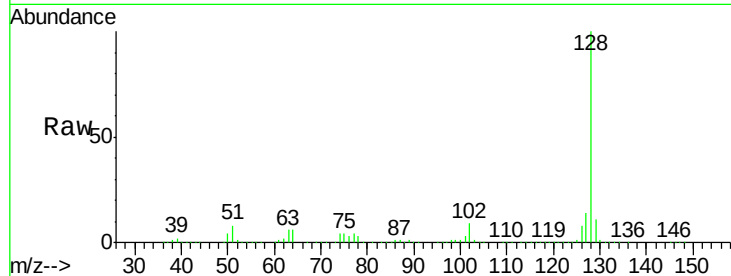
#31
Naphthalene
Concen: 41.299 ng
RT: 8.15 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.6	10.9	16.3

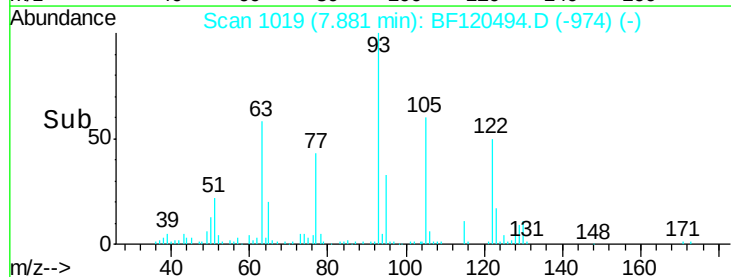
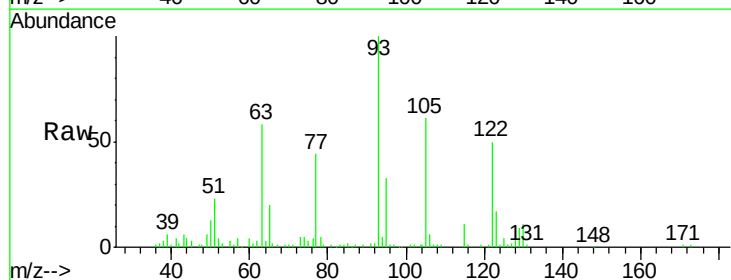
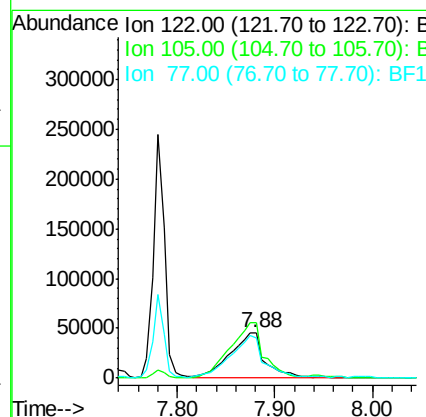
Manual Integrations
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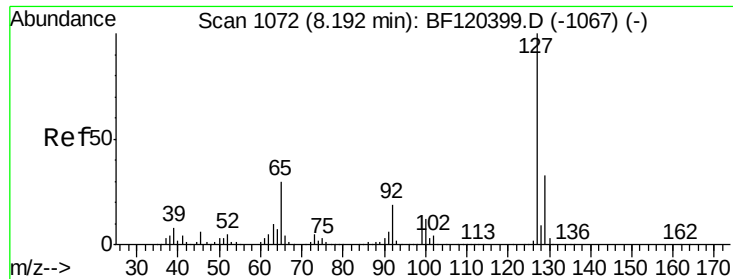
mohammad
6/3/2020 4:36:00 PM



#32
Benzoic acid
Concen: 20.256 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.04 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	97.9	137.9
77	88.5	66.8	106.8





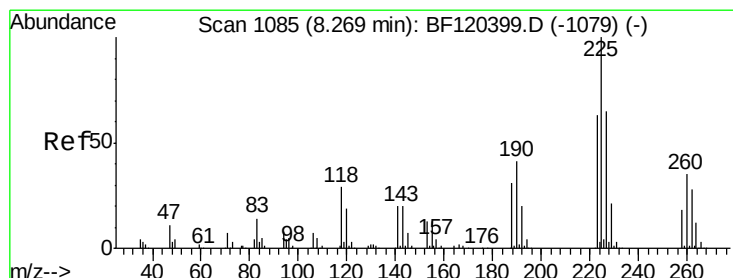
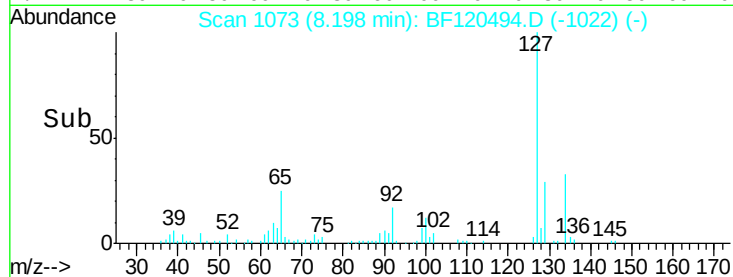
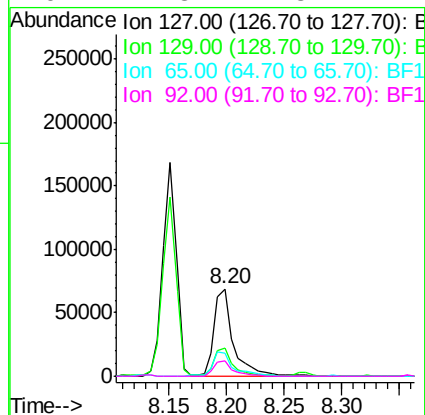
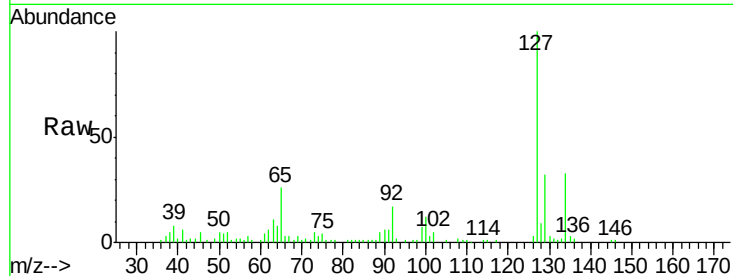
#33
4-Chloroaniline
Concen: 7.225 ng
RT: 8.20 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		80018		
129	31.7	26.2	39.2		
65	25.8	23.6	35.4		
92	17.3	14.8	22.2		

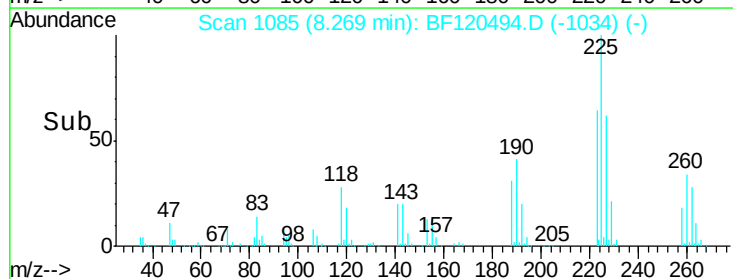
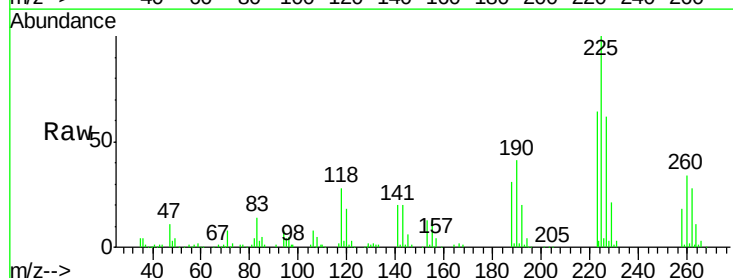
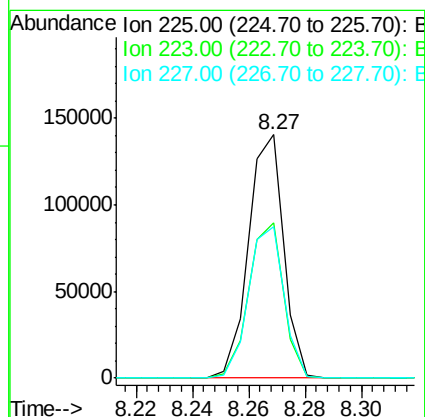
Manual Integrations
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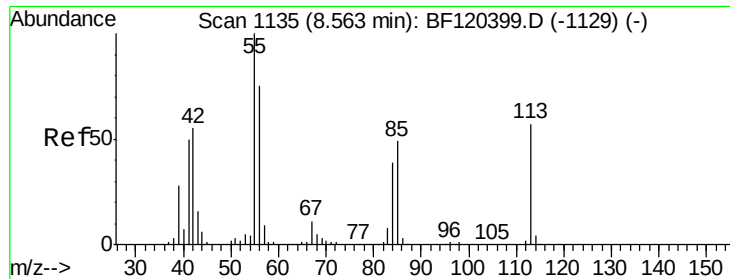
mohammad
6/3/2020 4:36:00 PM



#34
Hexachlorobutadiene
Concen: 24.611 ng
RT: 8.27 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		121312		
223	63.6	50.6	75.8		
227	62.3	52.3	78.5		





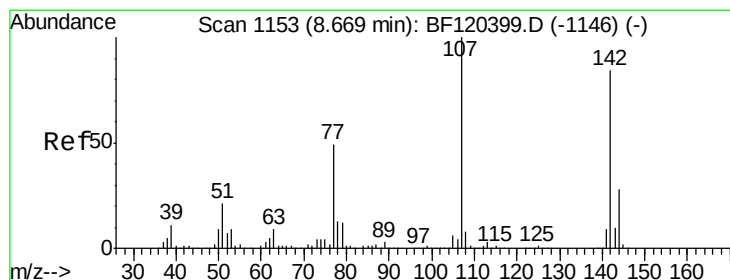
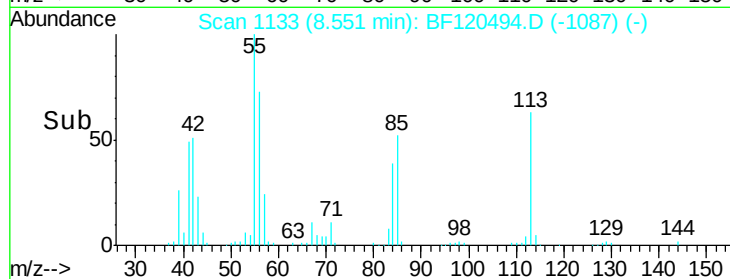
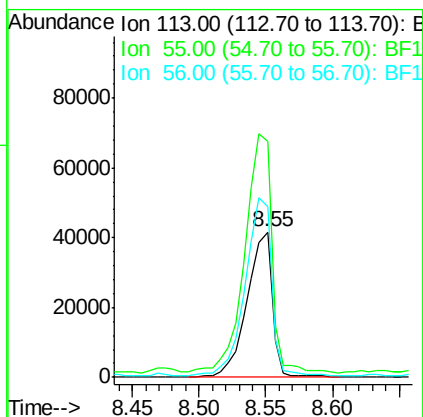
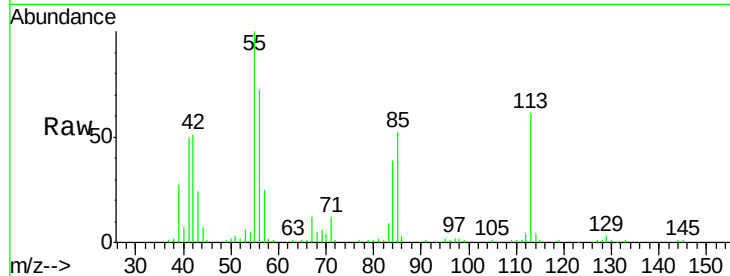
#35
 Caprolactam
 Concen: 22.510 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.8	149.5	189.5
56	117.7	103.9	143.9

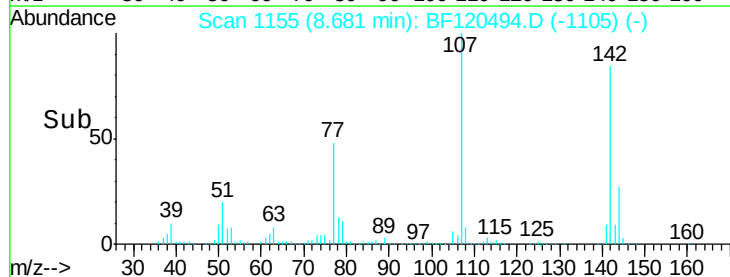
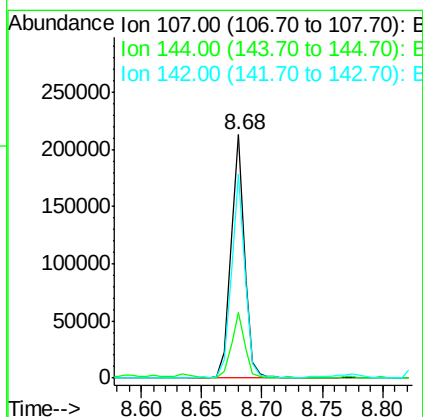
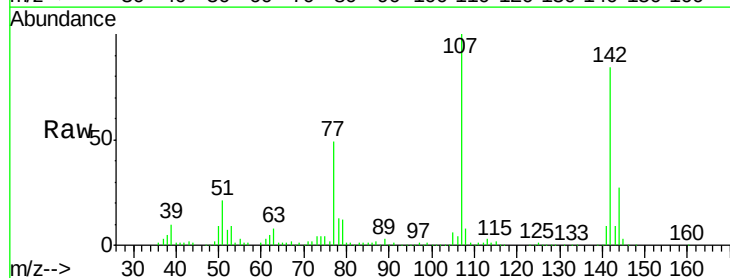
Manual Integrations
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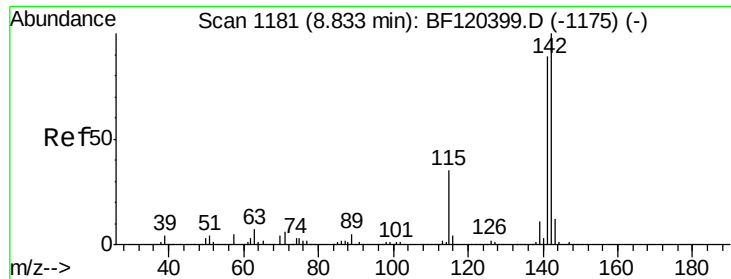
mohammad
 6/3/2020 4:36:00 PM



#36
 4-Chloro-3-methylphenol
 Concen: 22.368 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.8	32.8
142	83.8	66.8	100.2





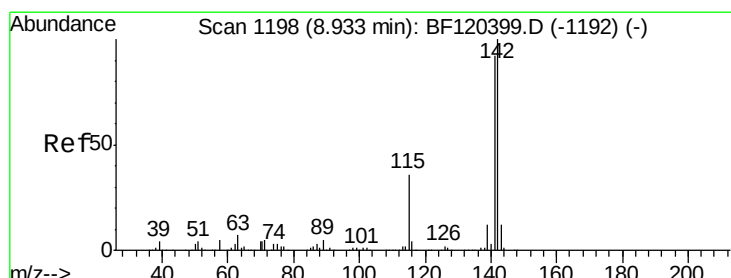
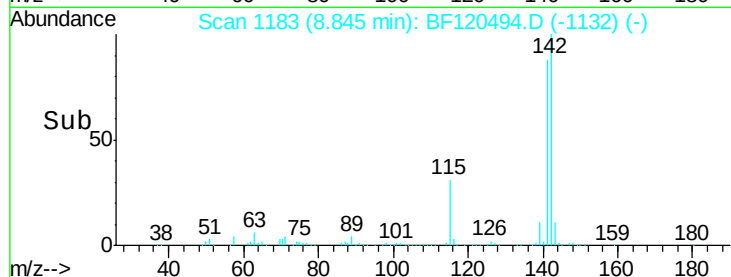
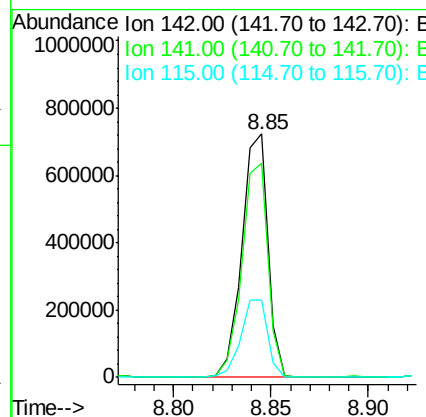
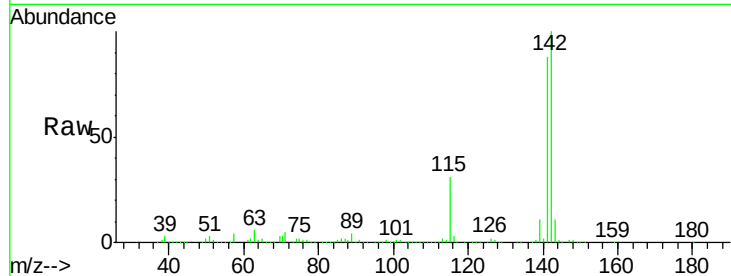
#37
2-Methylnaphthalene
Concen: 40.549 ng
RT: 8.85 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	31.5	26.1	39.1

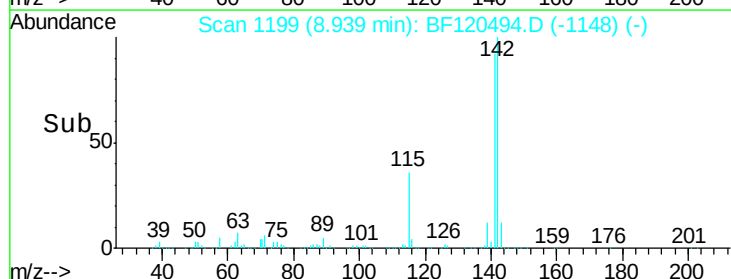
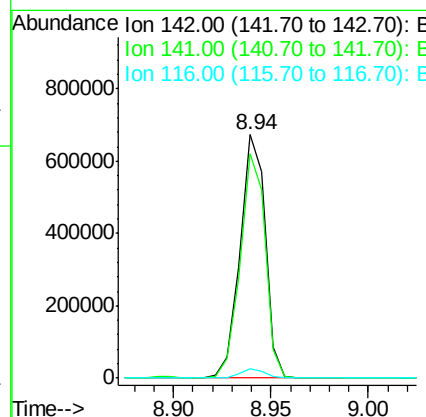
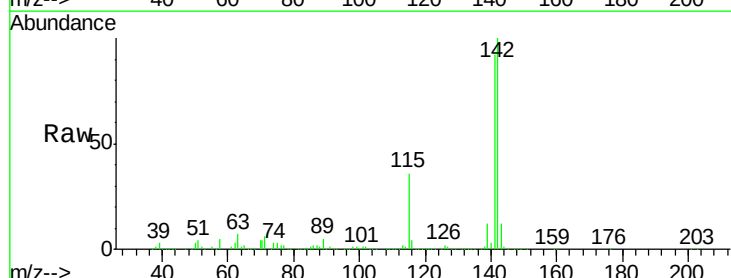
Manual Integrations
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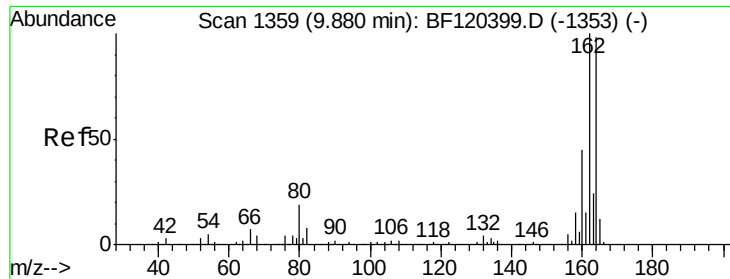
mohammad
6/3/2020 4:36:00 PM



#38
1-Methylnaphthalene
Concen: 38.542 ng
RT: 8.94 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.8	109.2
116	3.7	2.9	4.3





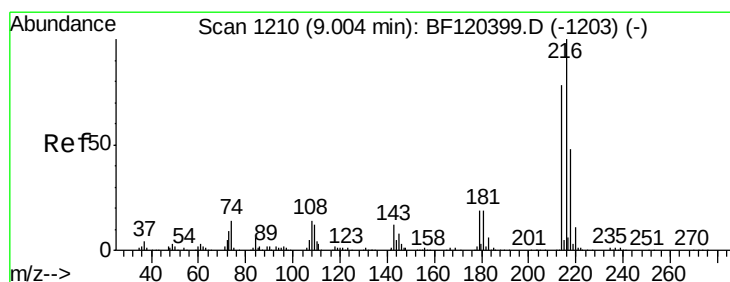
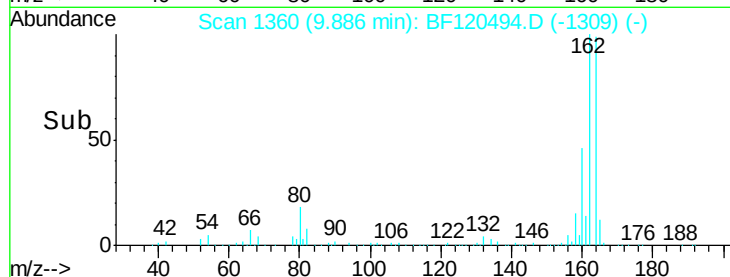
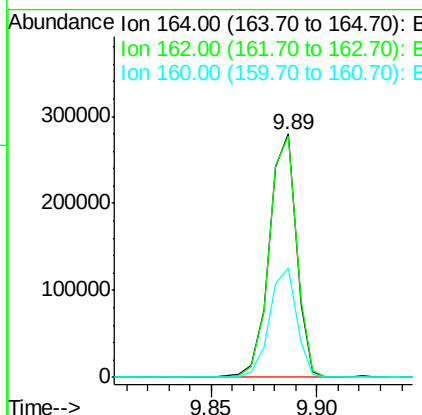
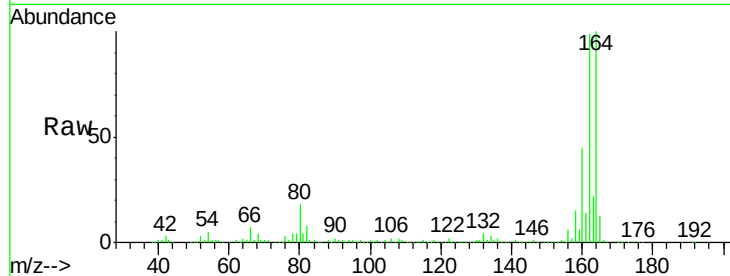
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	250684		
162	98.8		81.9	122.9
160	44.9		37.4	56.0

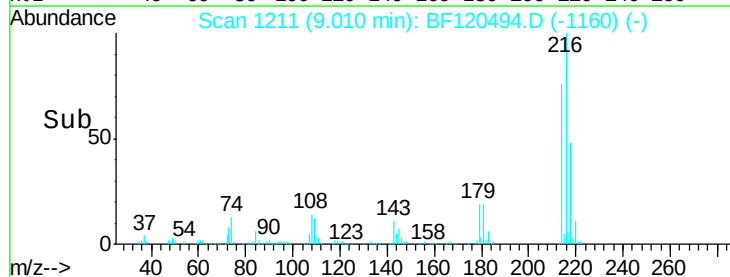
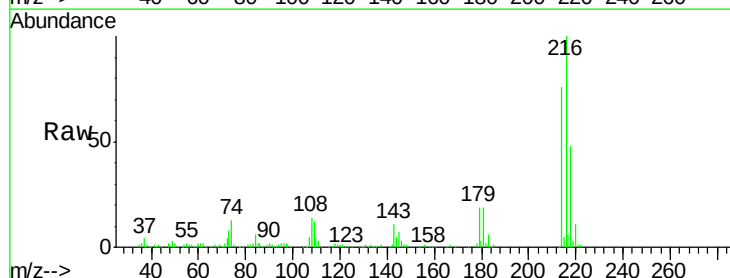
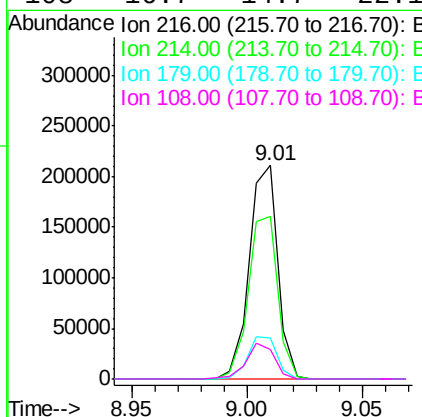
Manual Integrations
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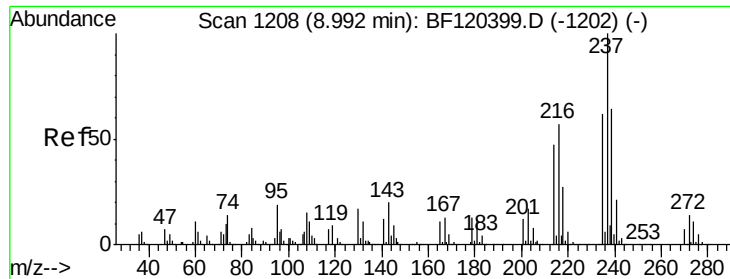
mohammad
 6/3/2020 4:36:00 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.490 ng
 RT: 9.01 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	183151		
214	78.7		62.9	94.3
179	20.4		16.5	24.7
108	16.7		14.7	22.1





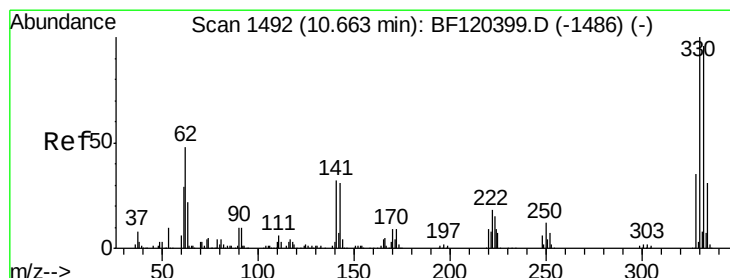
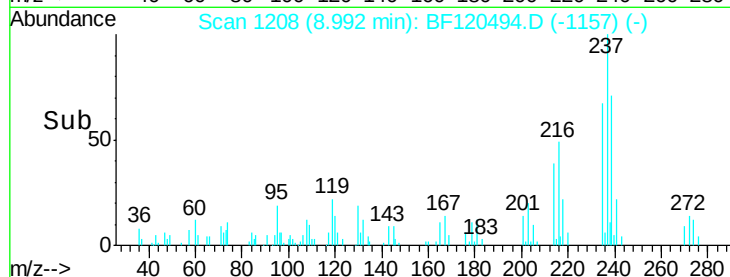
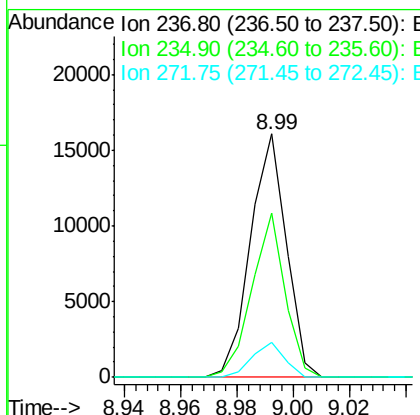
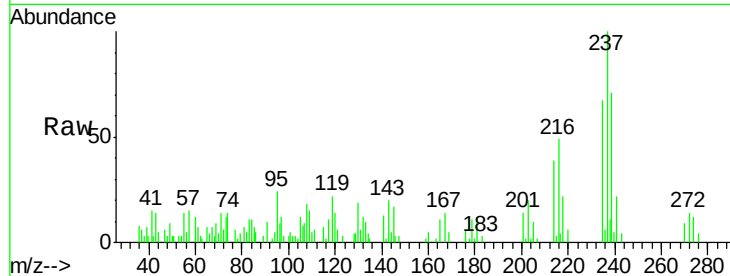
#41
Hexachlorocyclopentadiene
Concen: 3.944 ng
RT: 8.99 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion:	237	Resp:	14152
Ion Ratio	Lower	Upper	
237	100		
235	67.4	42.5	82.5
272	14.1	0.0	33.6

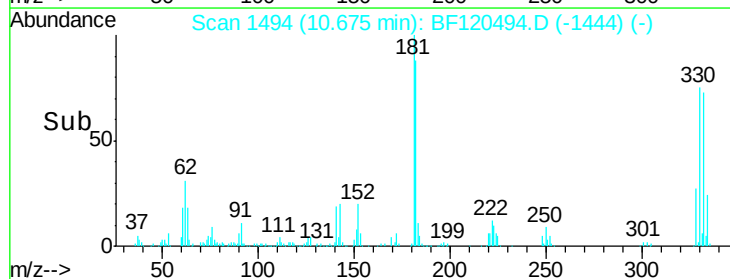
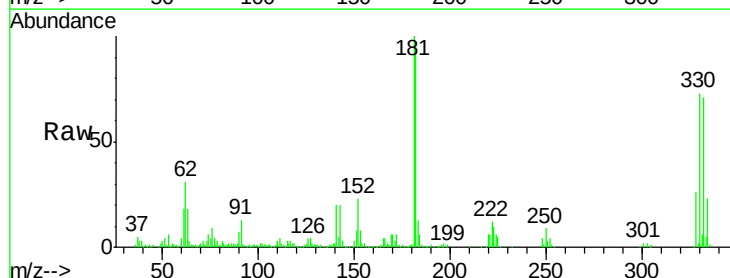
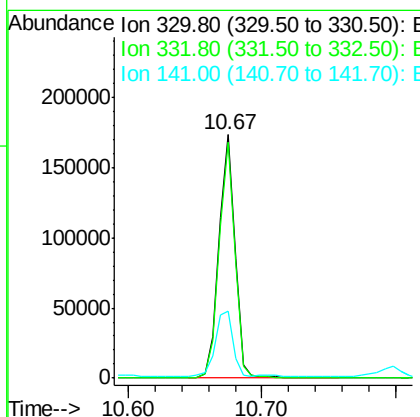
Manual Integrations
APPROVED

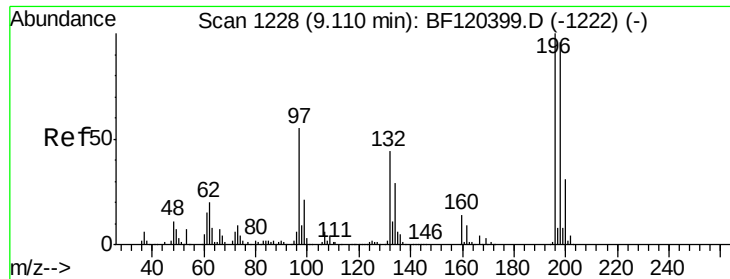
mohammad
6/3/2020 4:36:00 PM



#42
2,4,6-Tribromophenol
Concen: 64.245 ng
RT: 10.67 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:	330	Resp:	149221
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	29.5	23.9	35.9





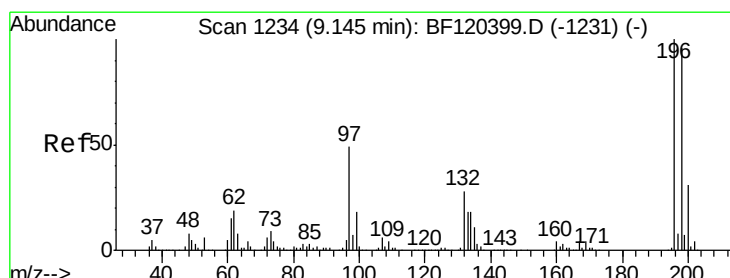
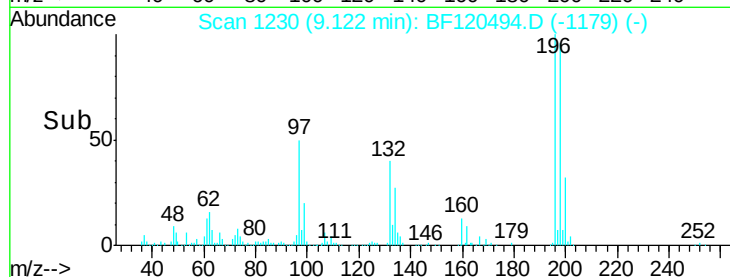
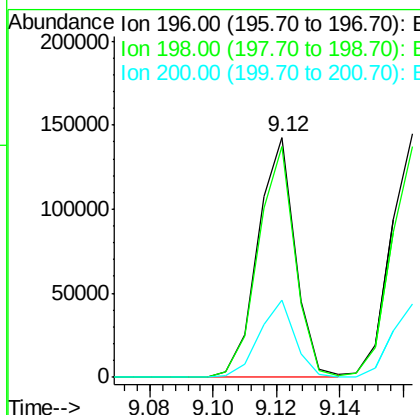
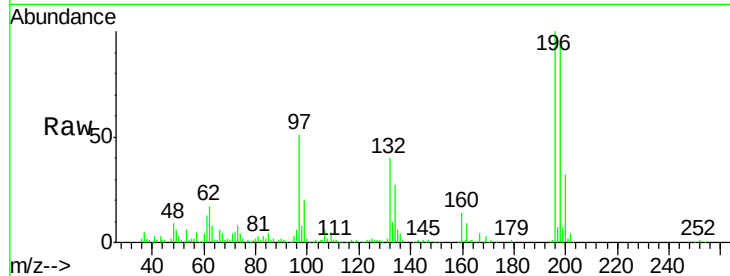
#43
 2,4,6-Trichlorophenol
 Concen: 25.067 ng
 RT: 9.12 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion:	196	Resp:	116548
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.6	113.4
200	32.0	24.6	36.8

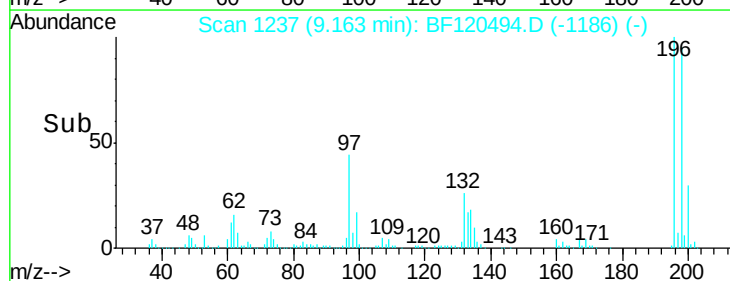
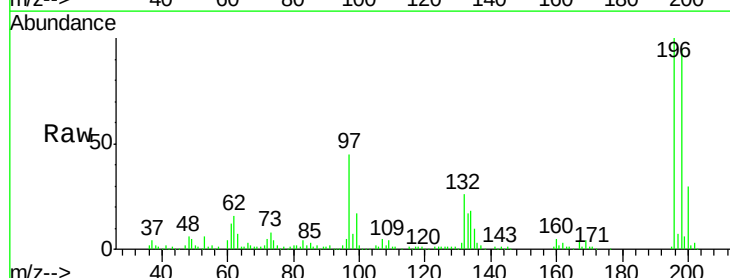
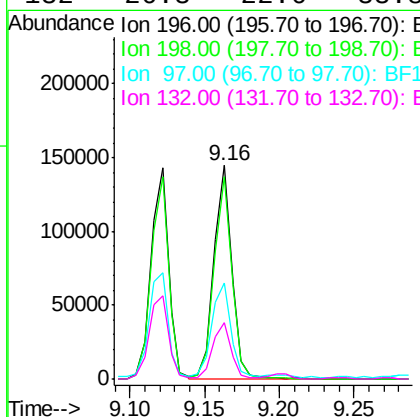
Manual Integrations
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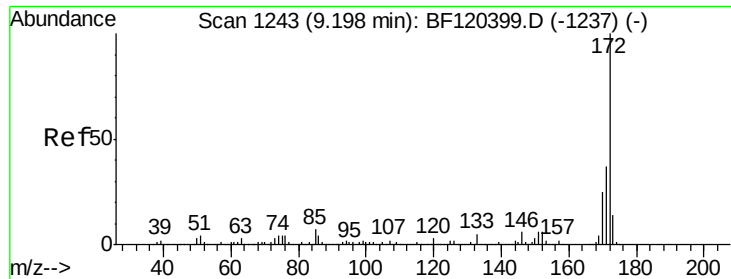
mohammad
 6/3/2020 4:36:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 23.026 ng
 RT: 9.16 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:	196	Resp:	121352
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.8	115.2
97	44.9	40.0	60.0
132	26.3	22.6	33.8





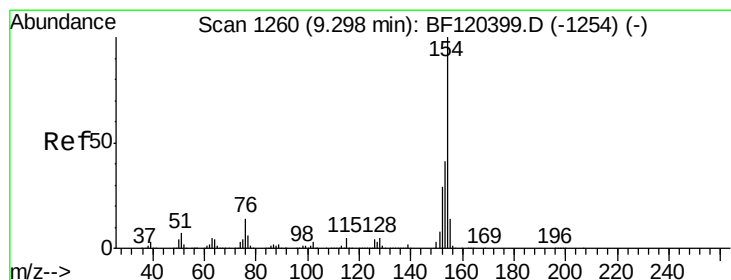
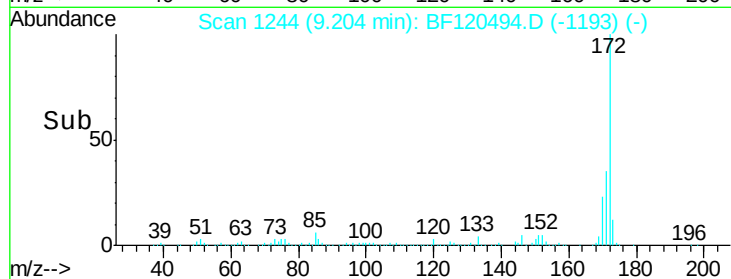
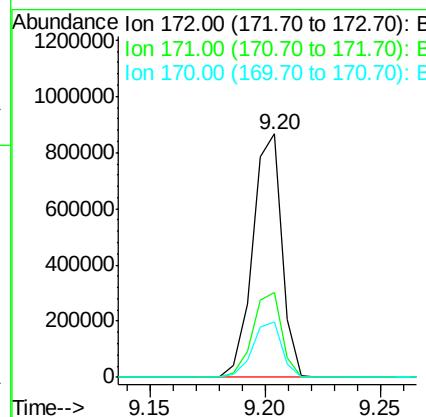
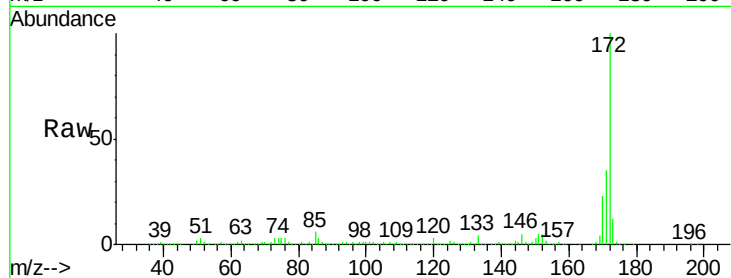
#45
2-Fluorobiphenyl
Concen: 51.856 ng
RT: 9.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.2
170	22.7	19.9	29.9

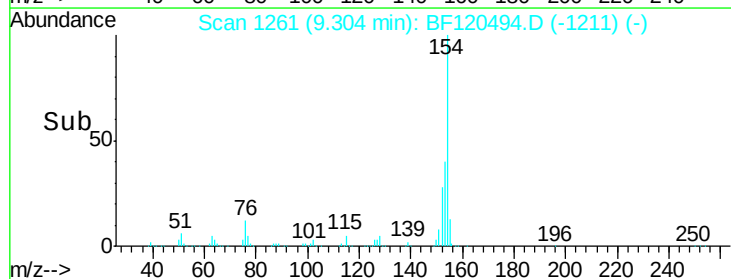
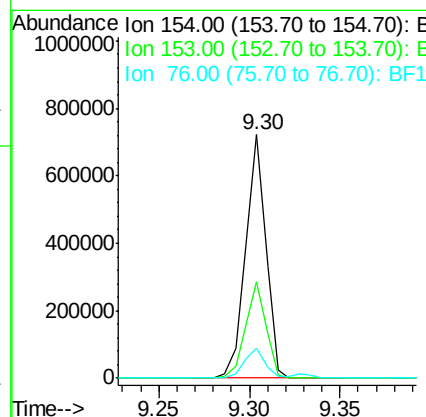
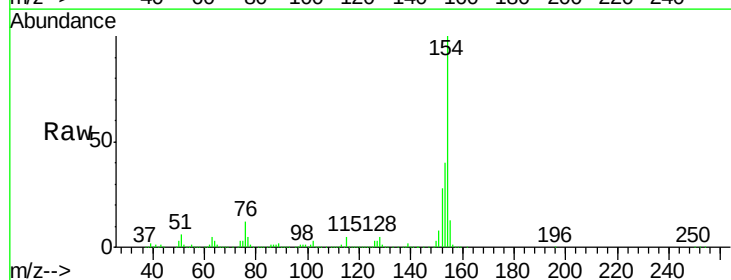
Manual Integrations
APPROVED

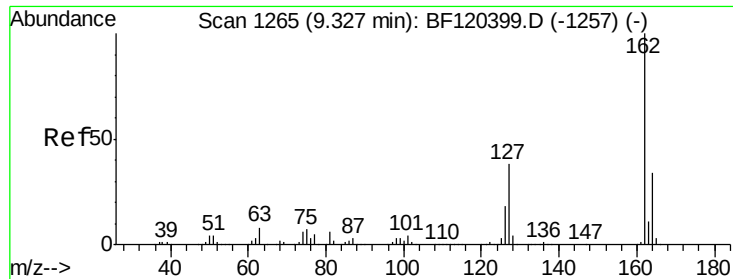
mohammad
6/3/2020 4:36:00 PM



#46
1,1'-Biphenyl
Concen: 34.003 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.1	61.1
76	12.3	0.0	31.3





#47

2-Chloronaphthalene

Concen: 25.361 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

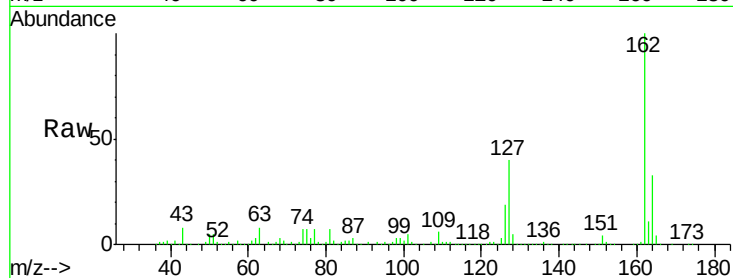
ClientSampleId :

PL-02-052920MSD

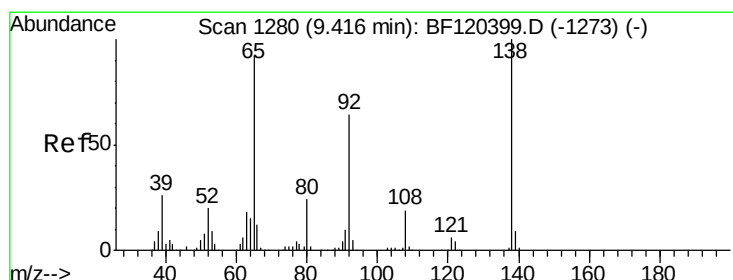
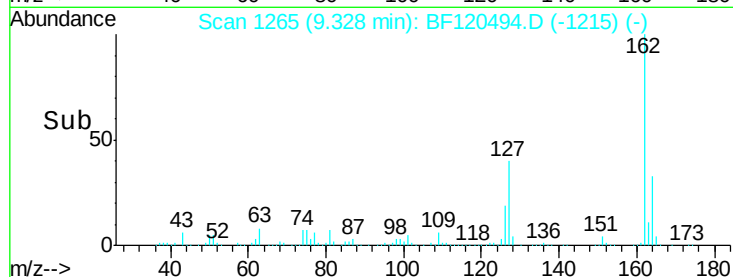
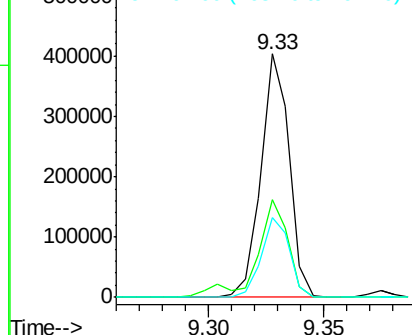
Tot Ion:	162	Resp:	343906
Ion Ratio	Lower	Upper	
162	100		
127	40.0	32.2	48.4
164	32.6	27.1	40.7

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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: 25.361 ng

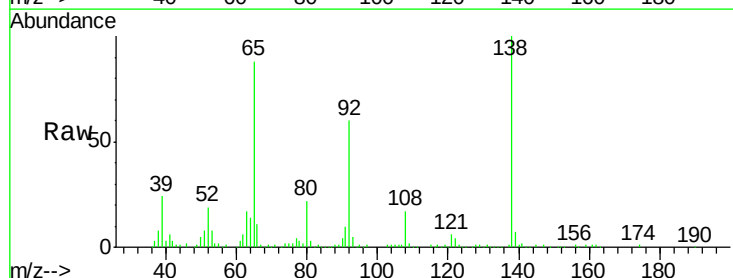
RT: 9.42 min Scan# 1281

Delta R.T. -0.01 min

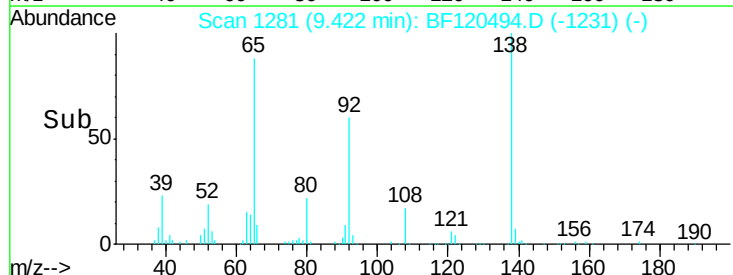
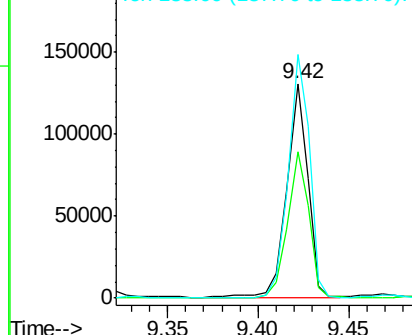
Lab File: BF120494.D

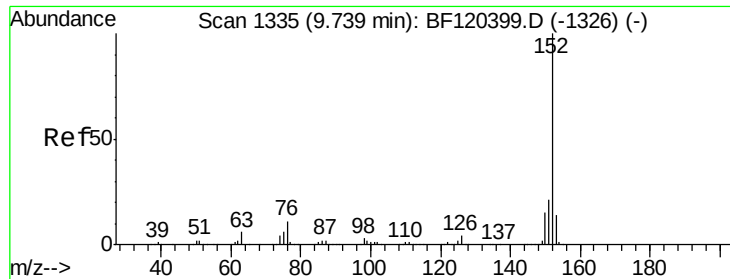
Acq: 2 Jun 2020 14:56

Tgt Ion:	65	Resp:	104746
Ion Ratio	Lower	Upper	
65	100		
92	68.3	56.0	84.0
138	113.5	91.8	137.6



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





#49

Acenaphthylene

Concen: 36.227 ng

RT: 9.75 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

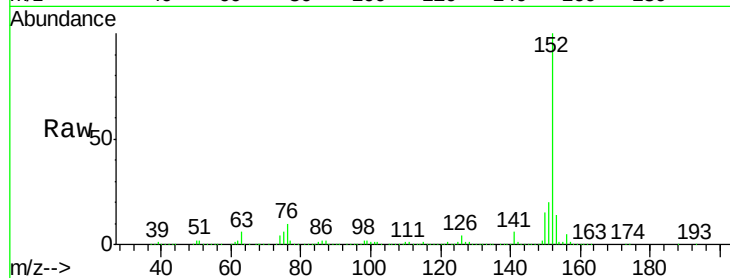
ClientSampleId :

PL-02-052920MSD

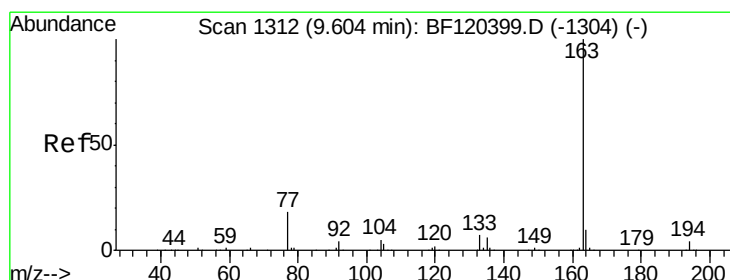
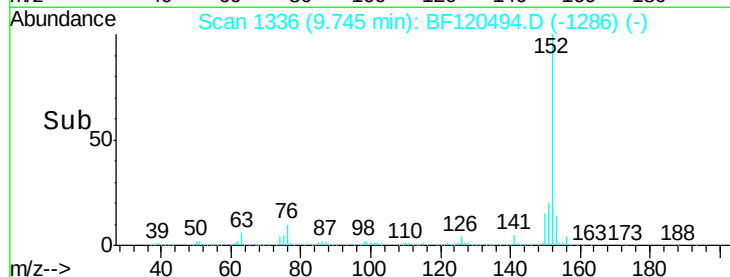
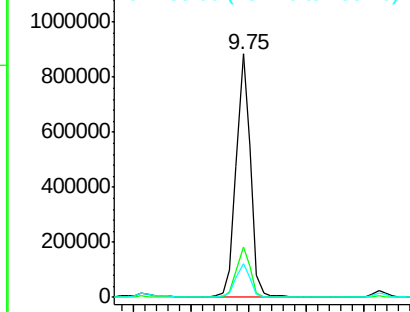
Tot Ion:	152	Resp:	759134
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	14.0	10.9	16.3

Manual Integrations
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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: 33.429 ng

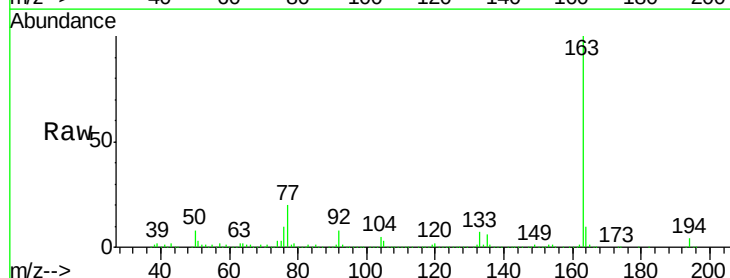
RT: 9.60 min Scan# 1311

Delta R.T. -0.01 min

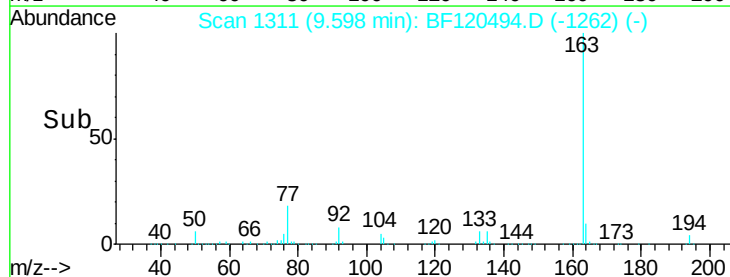
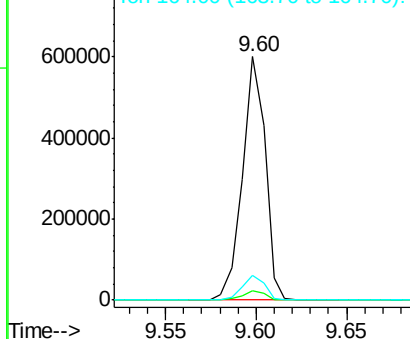
Lab File: BF120494.D

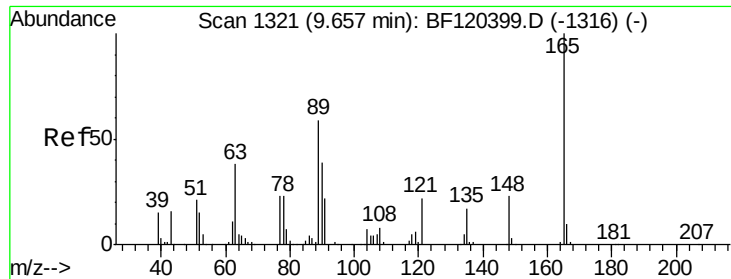
Acq: 2 Jun 2020 14:56

Tgt Ion:	163	Resp:	523909
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.2	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





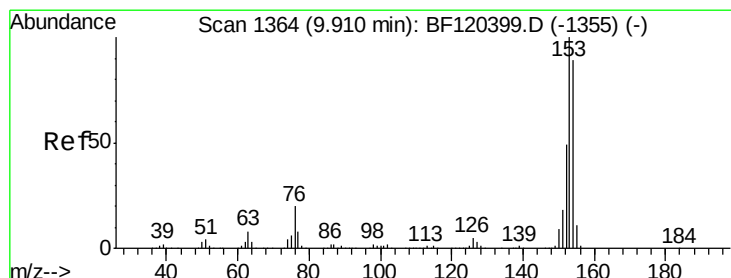
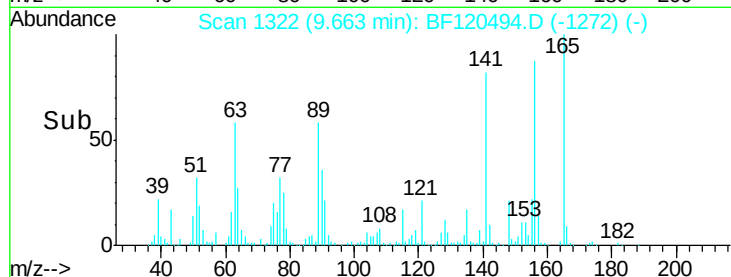
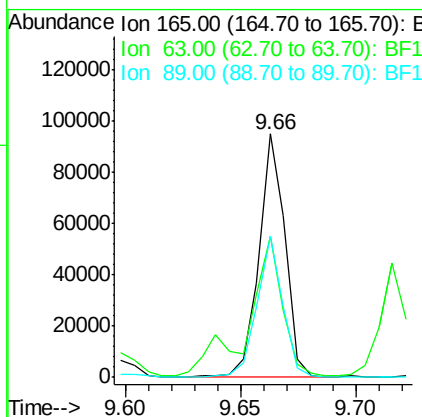
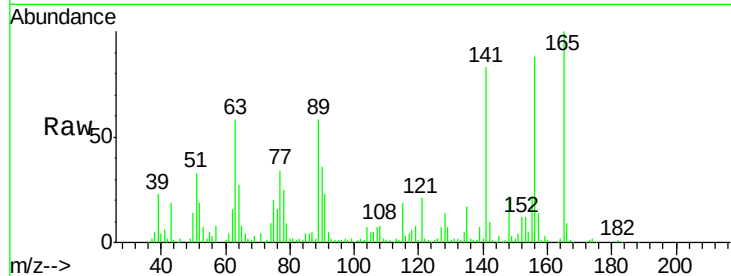
#51
 2,6-Dinitrotoluene
 Concen: 21.247 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	73999		
63	58.1		44.3	66.5
89	57.8		43.0	64.4

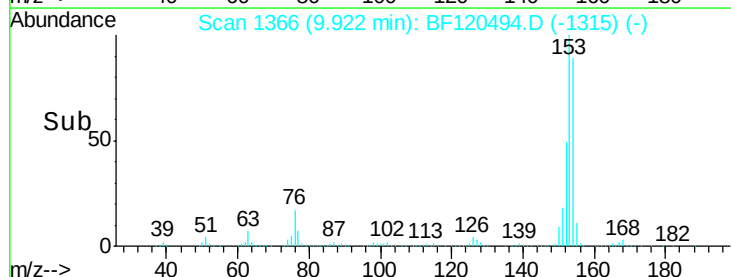
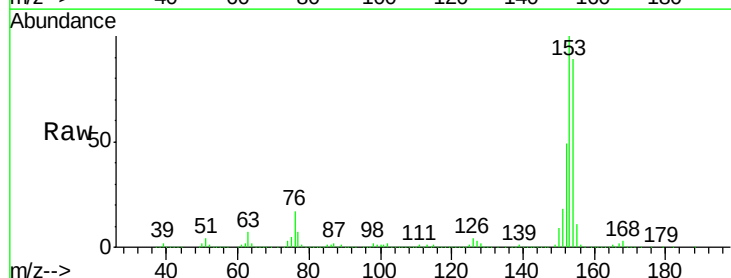
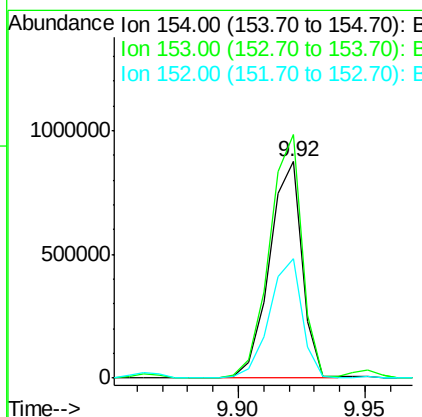
Manual Integrations
 APPROVED

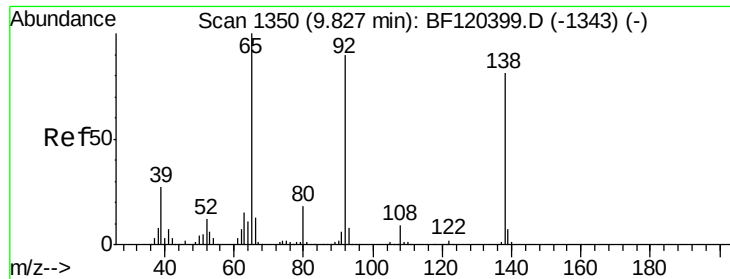
mohammad
 6/3/2020 4:36:00 PM



#52
 Acenaphthene
 Concen: 60.309 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	788739		
153	112.4		90.2	135.4
152	54.9		44.1	66.1





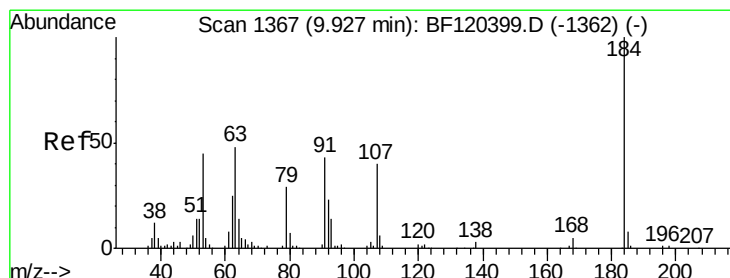
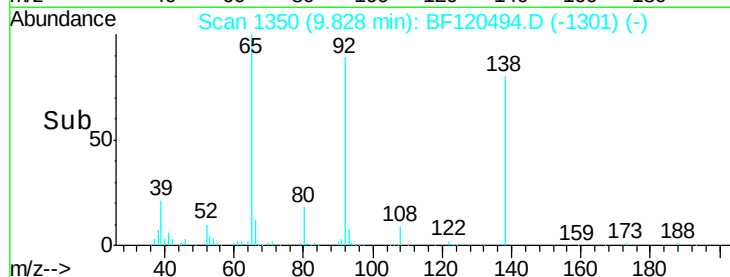
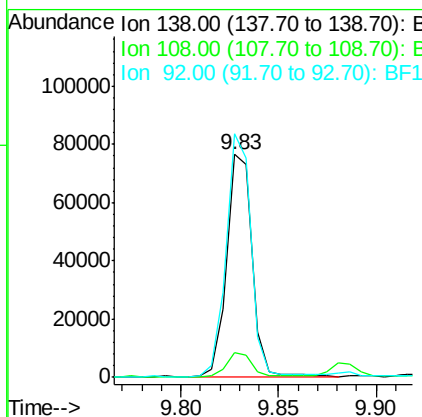
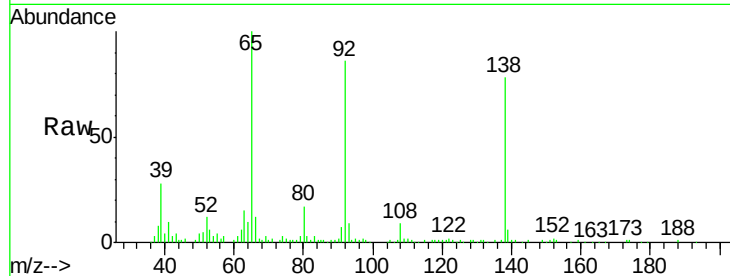
#53
3-Nitroaniline
Concen: 17.086 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.0	12.0
92	109.3	87.8	131.8

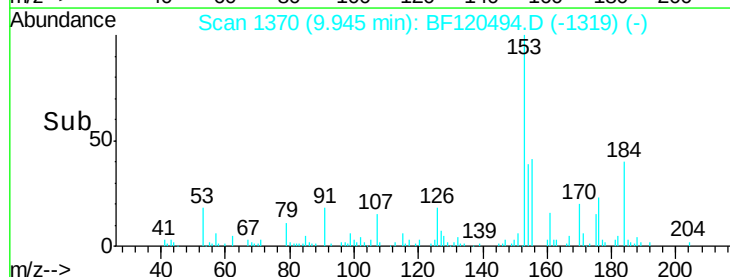
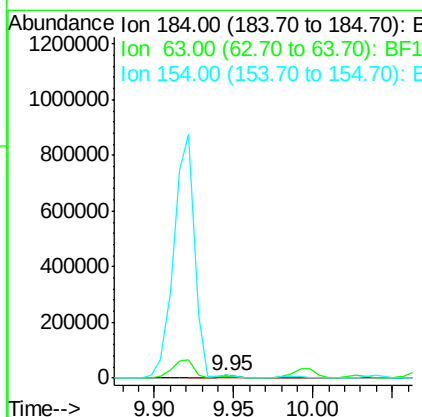
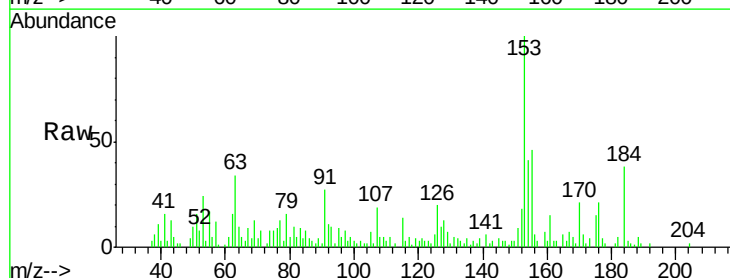
Manual Integrations
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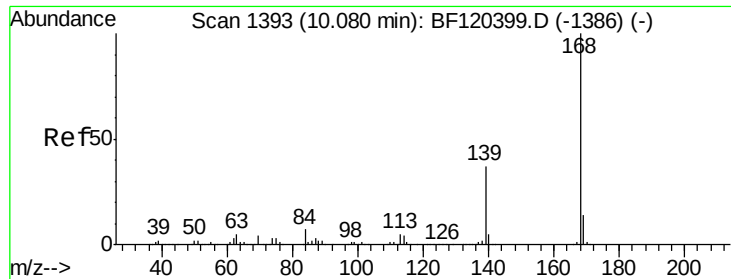
mohammad
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#54
2,4-Dinitrophenol
Concen: 13.613 ng
RT: 9.95 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	89.1	49.5	74.3#
154	107.0	47.8	71.8#





#55

Dibenzofuran

Concen: 52.787 ng

RT: 10.09 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PL-02-052920MSD

Tot Ion:168 Resp: 1003246

Ion Ratio Lower Upper

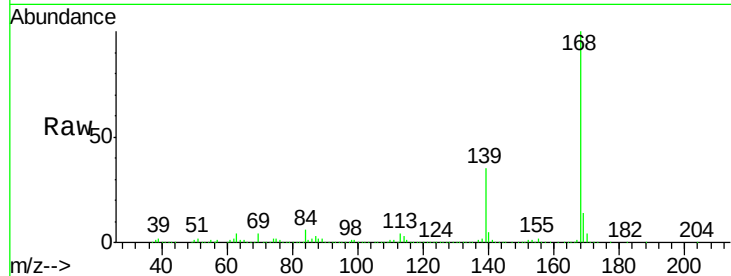
168 100

139 35.3 29.9 44.9

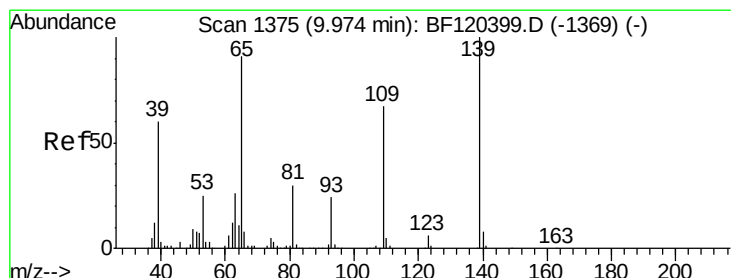
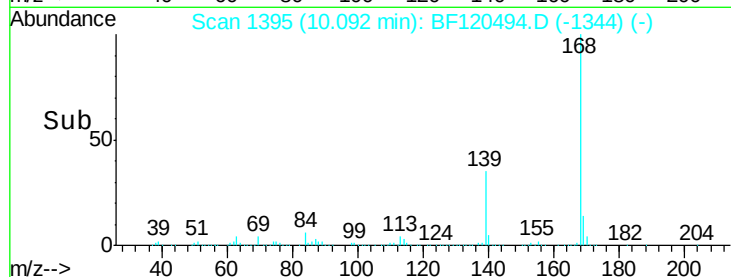
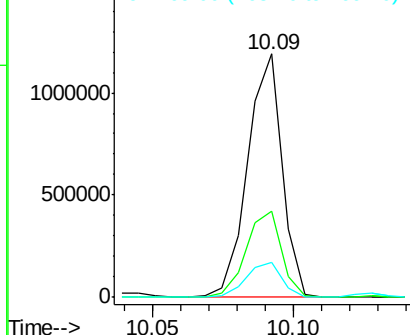
169 14.1 11.3 16.9

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.673 ng

RT: 10.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

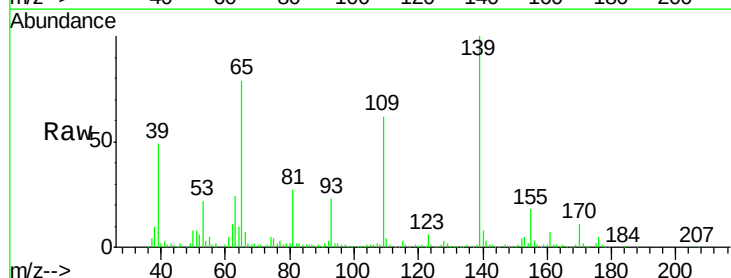
Tgt Ion:139 Resp: 136746

Ion Ratio Lower Upper

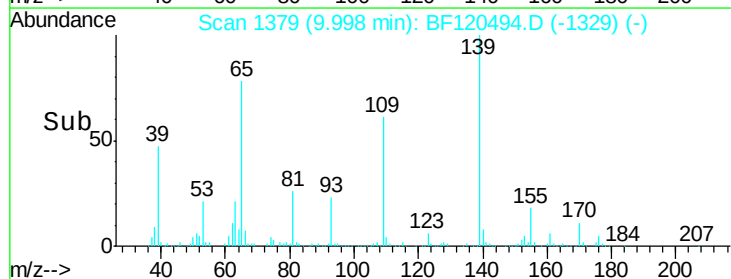
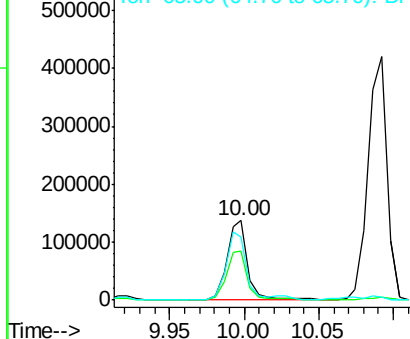
139 100

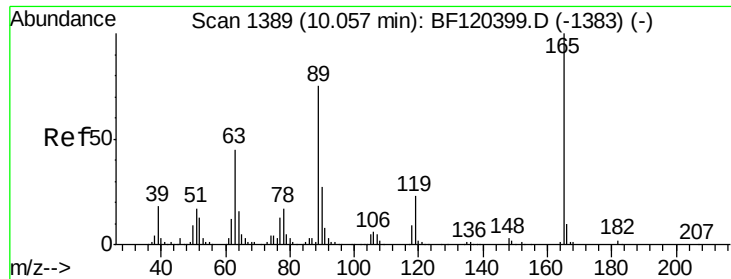
109 61.7 43.6 83.6

65 78.6 62.9 102.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





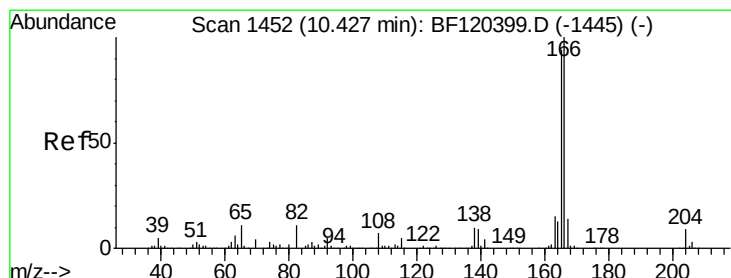
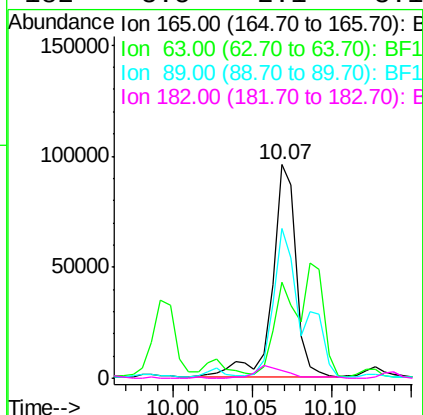
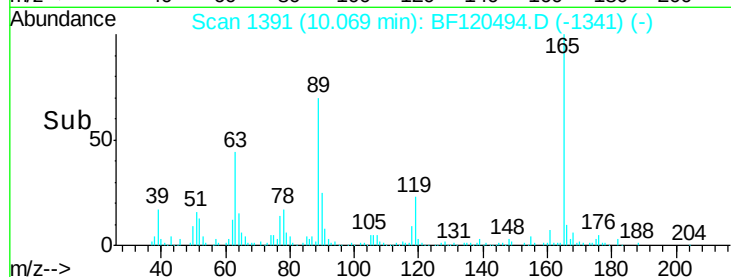
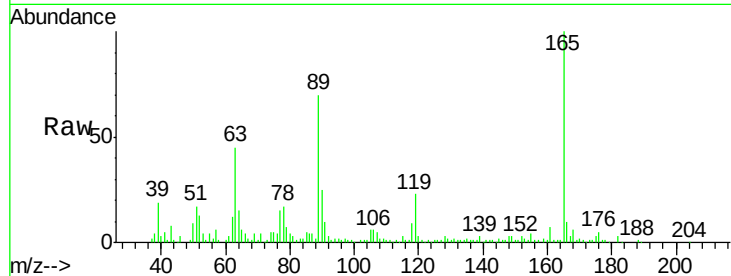
#57
 2,4-Dinitrotoluene
 Concen: 22.119 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.7	33.1	49.7	
89	70.3	55.0	82.4	
182	3.5	2.1	3.1	

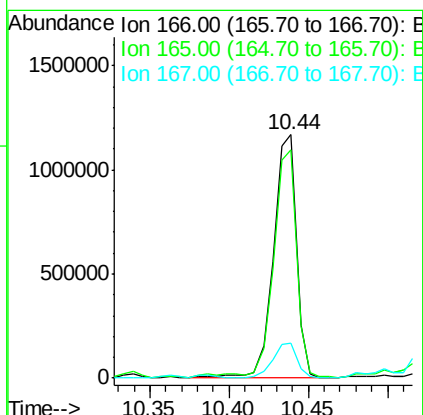
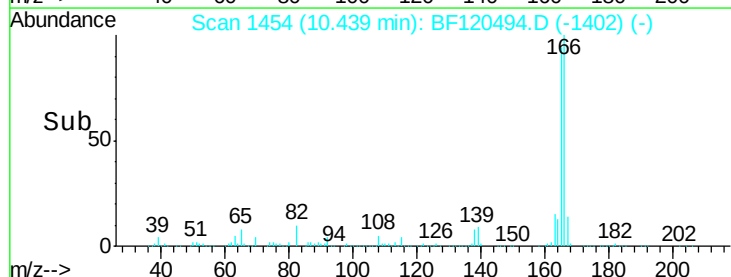
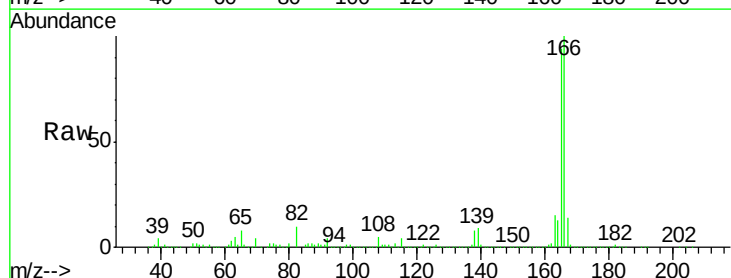
Manual Integrations
 APPROVED

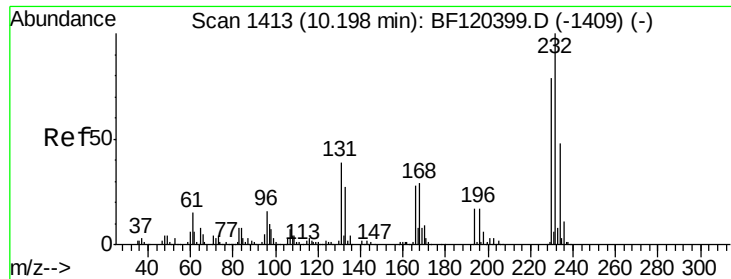
mohammad
 6/3/2020 4:36:00 PM



#58
 Fluorene
 Concen: 82.718 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.9	76.2	114.2	
167	14.1	11.2	16.8	





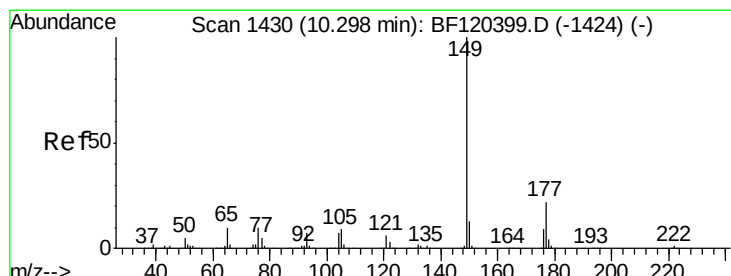
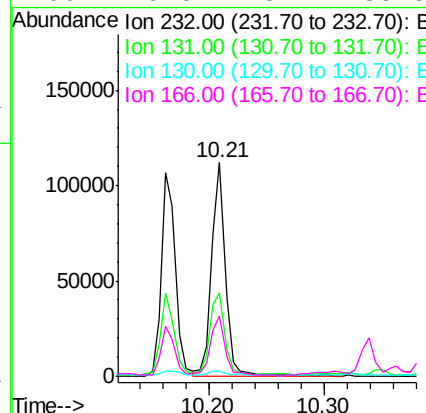
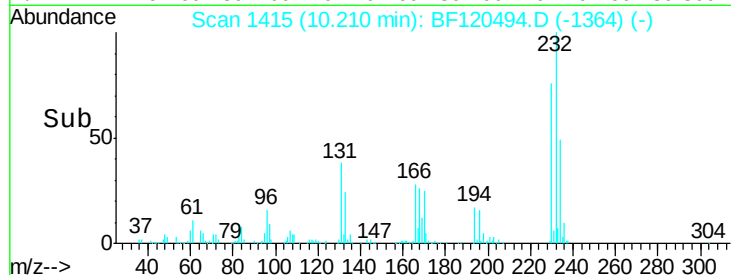
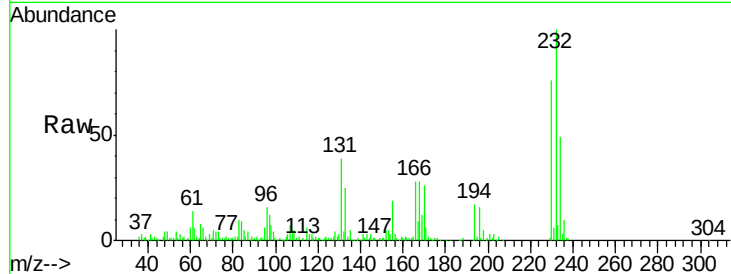
#59
2,3,4,6-Tetrachlorophenol
Concen: 22.930 ng
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	35.3	52.9
130	4.2	1.8	2.6
166	0.0	23.7	35.5

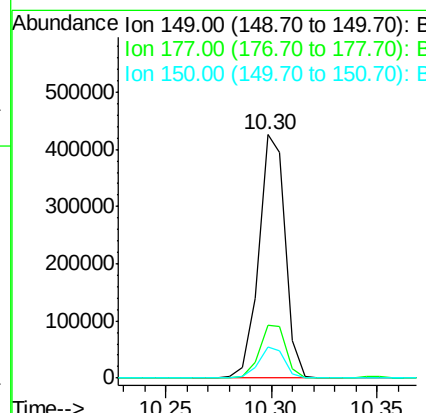
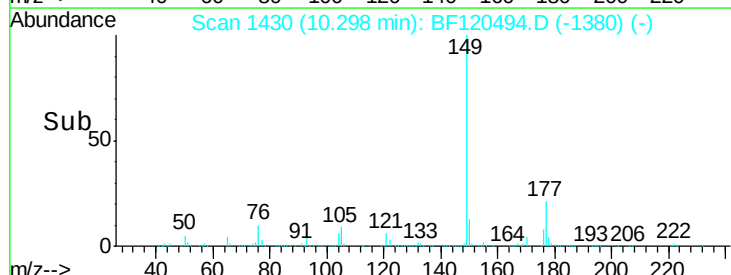
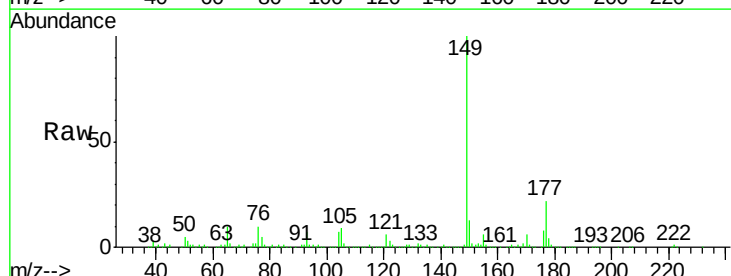
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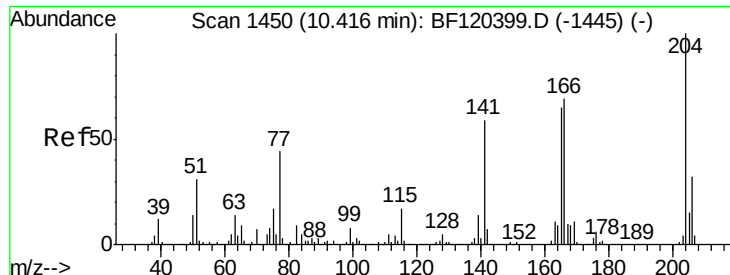
mohammad
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#60
Diethylphthalate
Concen: 23.371 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.6	26.4
150	13.0	10.6	15.8





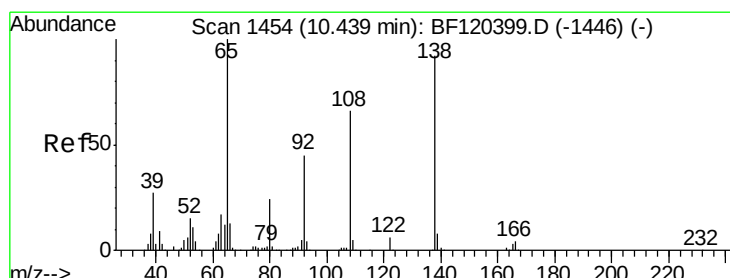
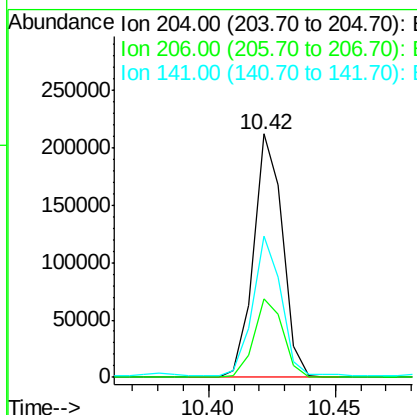
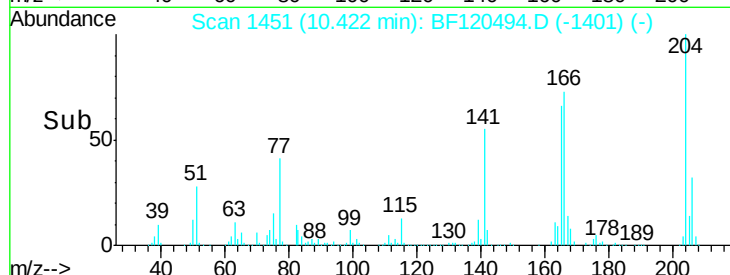
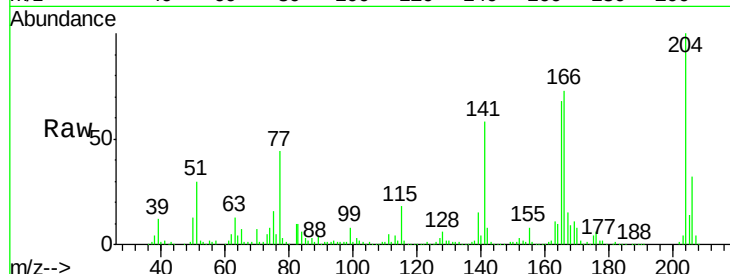
#61
 4-Chlorophenyl-phenylether
 Concen: 21.814 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.8	40.2
141	57.7	44.4	66.6

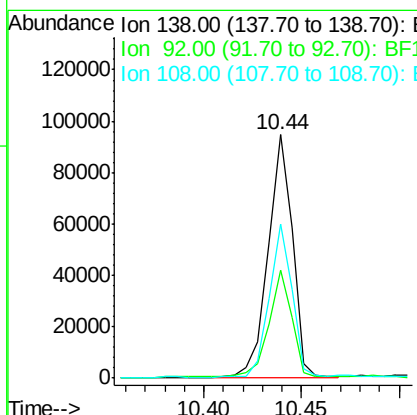
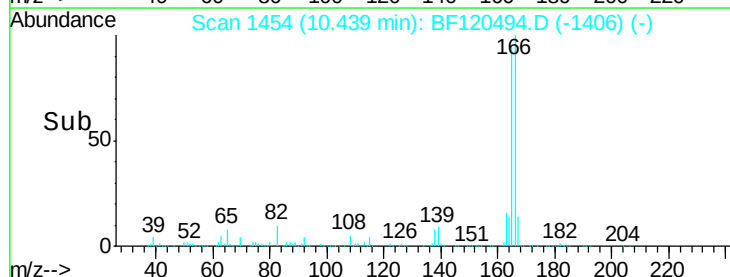
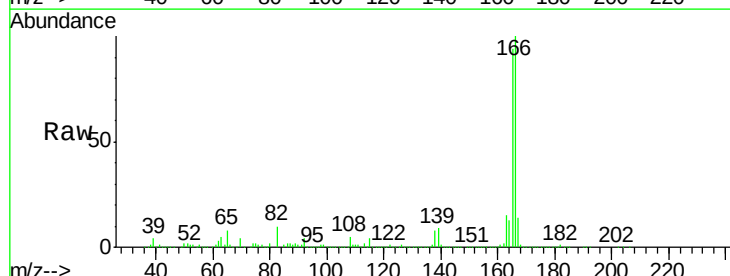
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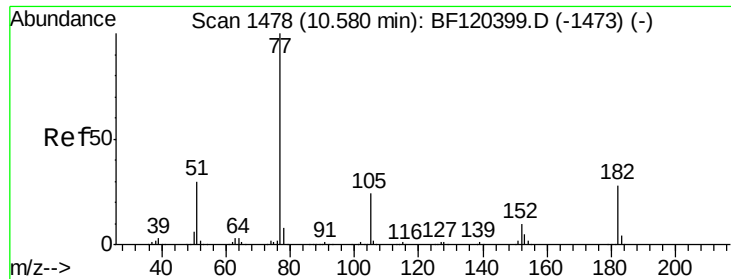
mohammad
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#62
 4-Nitroaniline
 Concen: 21.064 ng
 RT: 10.44 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.6	26.5	66.5
108	63.2	47.9	87.9





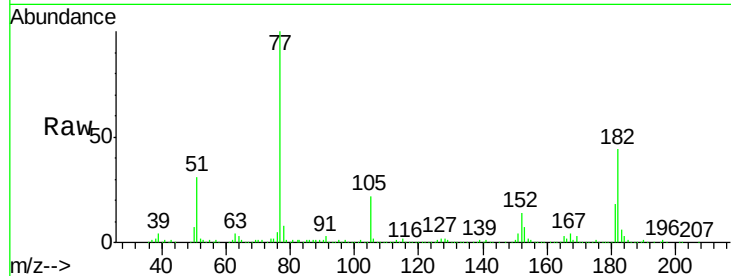
#63
Azobenzene
Concen: 21.701 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

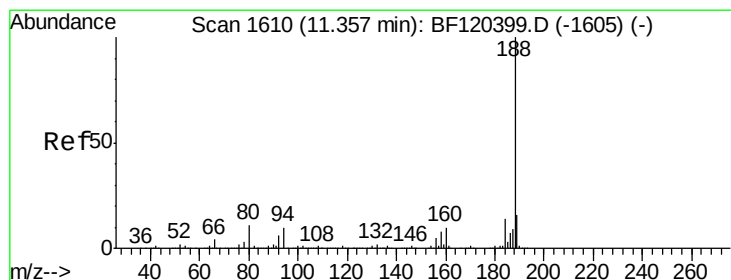
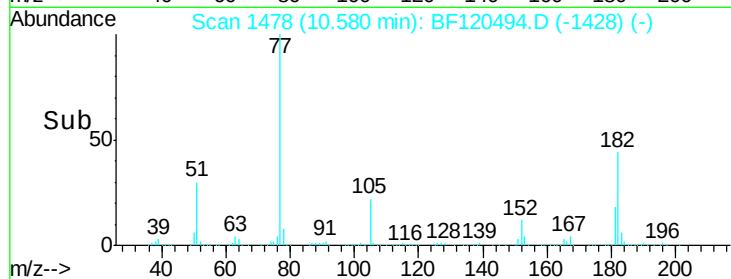
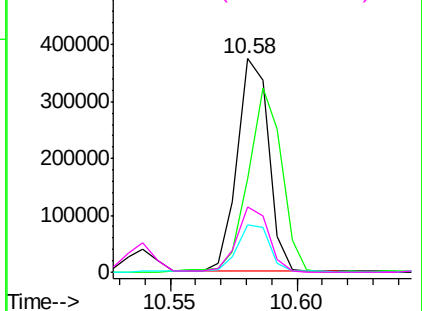
Tot Ion	Ratio	Lower	Upper
77	100		
182	44.0	6.6	46.6
105	22.4	3.5	43.5
51	30.8	10.2	50.2

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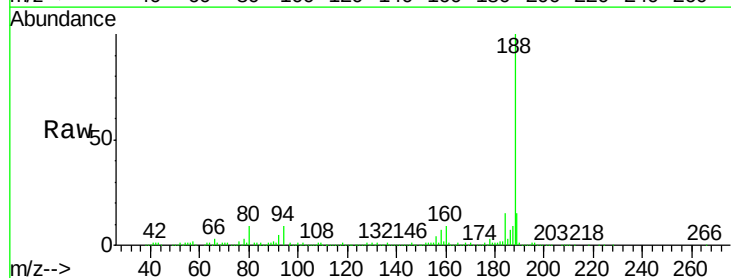


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

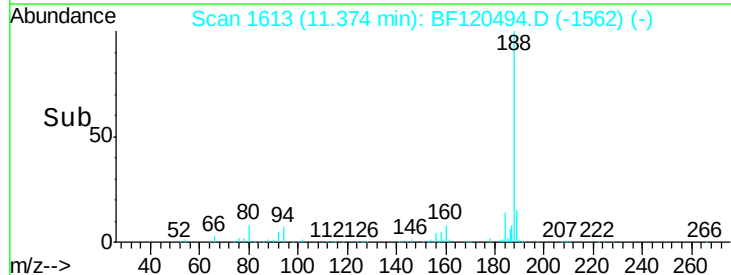
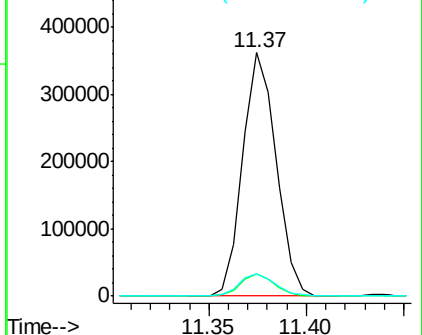


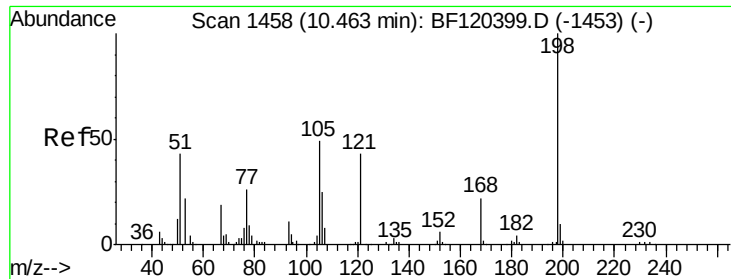
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.1	7.1	10.7



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: 5.414 ng

RT: 10.49 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PL-02-052920MSD

Tot Ion:198 Resp: 8485

Ion Ratio Lower Upper

198 100

51 68.3 26.7 66.7#

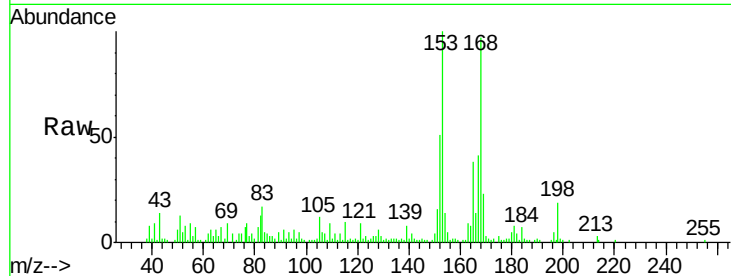
105 62.1 23.5 63.5

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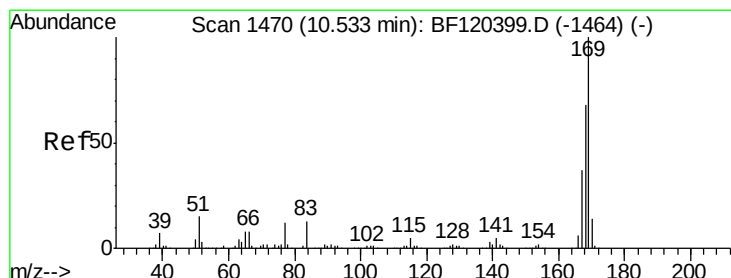
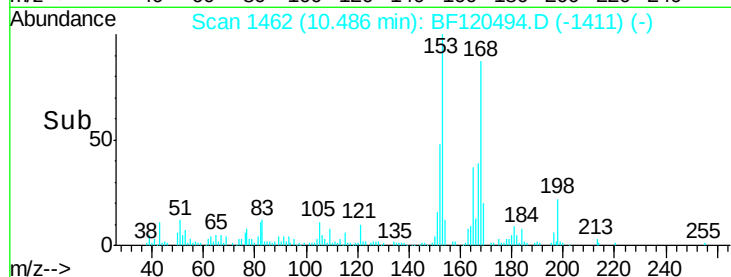
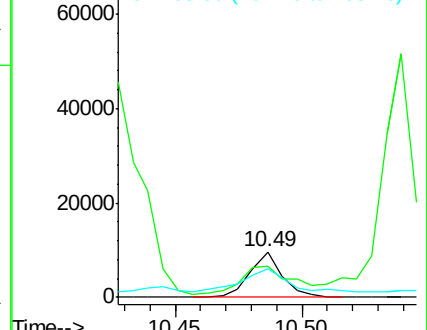
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 27.148 ng

RT: 10.54 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

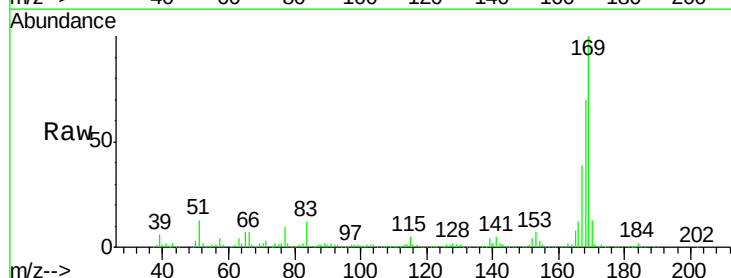
Tgt Ion:169 Resp: 324017

Ion Ratio Lower Upper

169 100

168 70.0 53.8 80.8

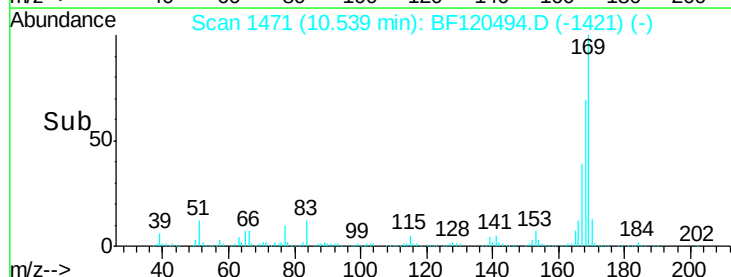
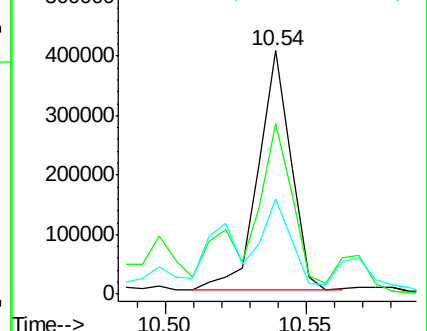
167 39.1 29.8 44.6

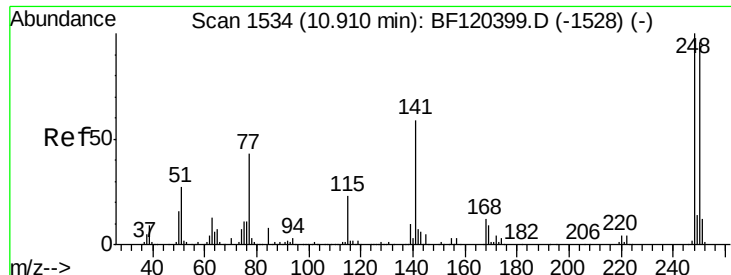


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





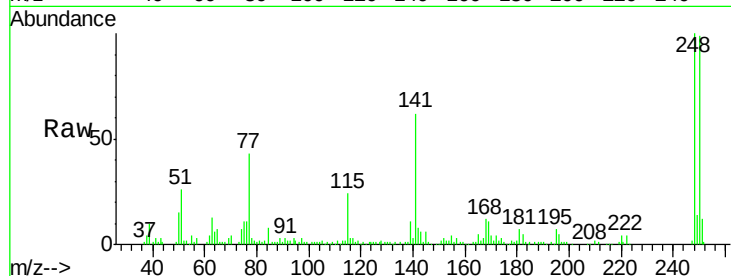
#67
4-Bromophenyl-phenylether
Concen: 24.065 ng
RT: 10.92 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

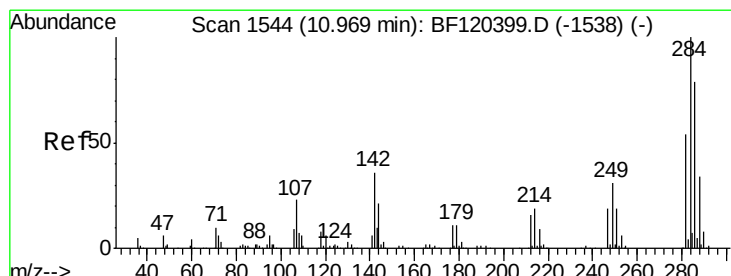
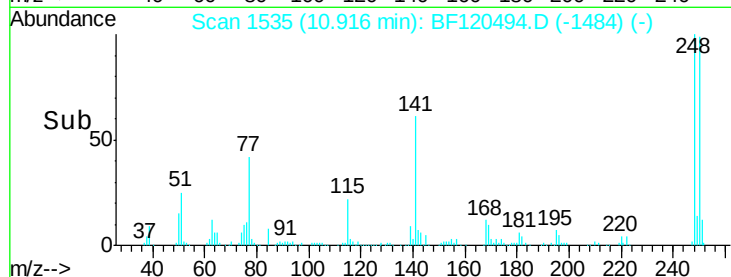
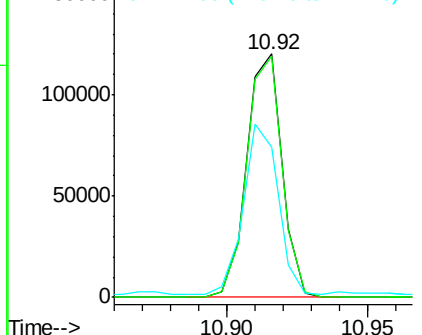
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.8	116.6
141	61.7	54.8	82.2

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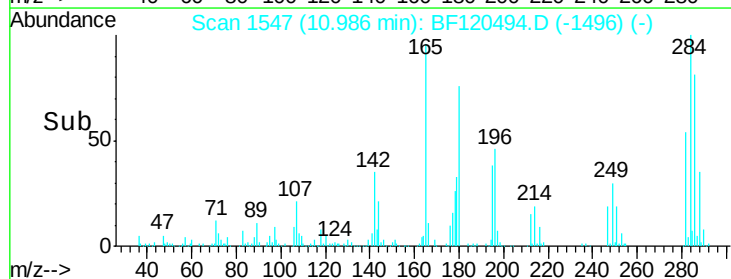
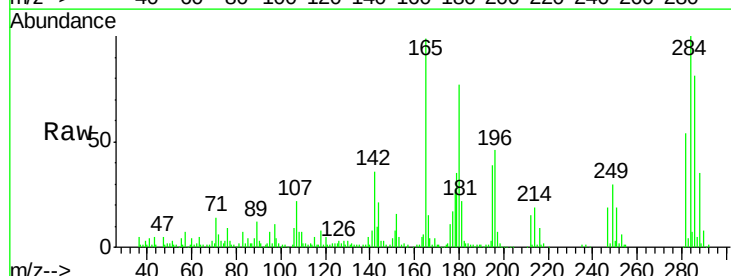
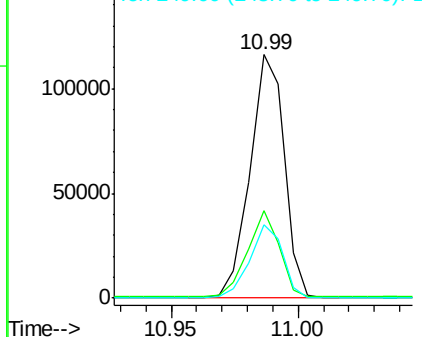
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

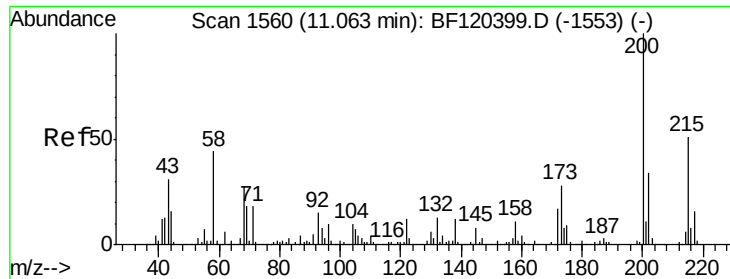


#68
Hexachlorobenzene
Concen: 23.804 ng
RT: 10.99 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	23.5	35.3#
249	30.3	23.9	35.9

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





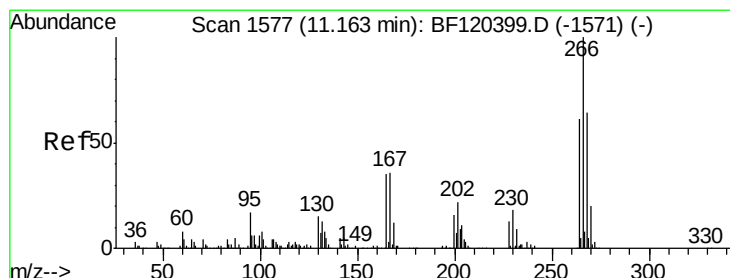
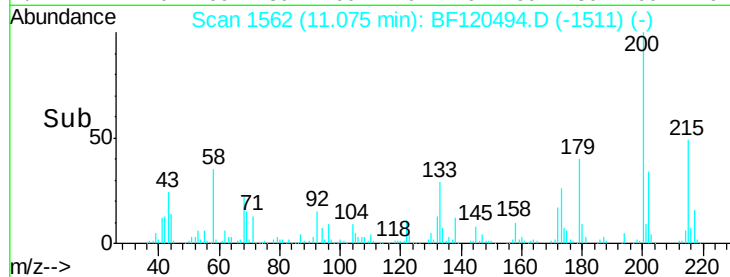
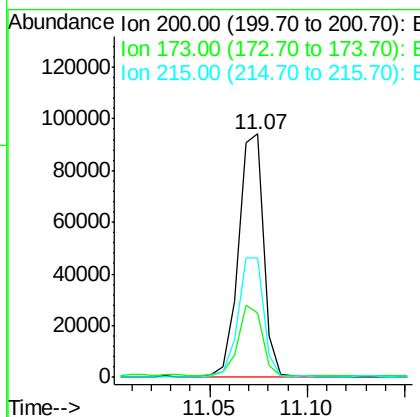
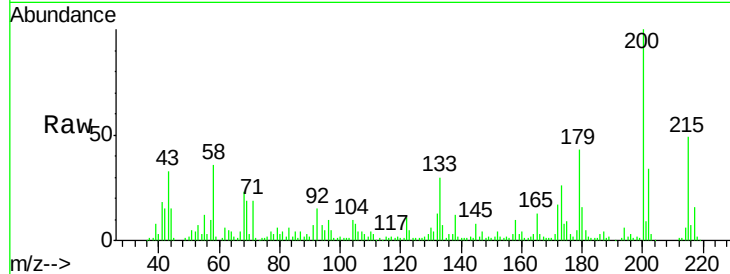
#69
 Atrazine
 Concen: 25.121 ng
 RT: 11.07 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.2	47.2
215	49.0	29.7	69.7

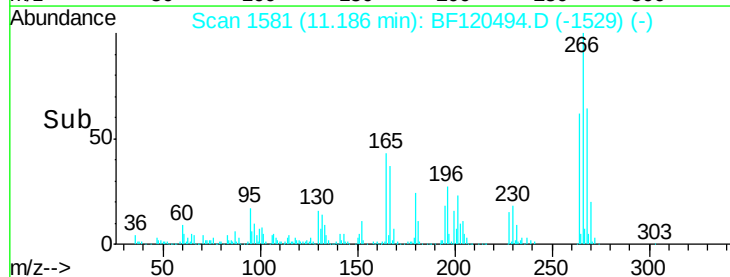
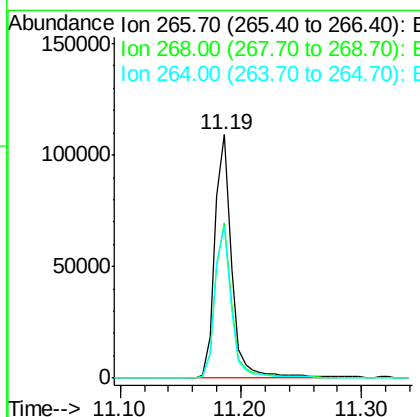
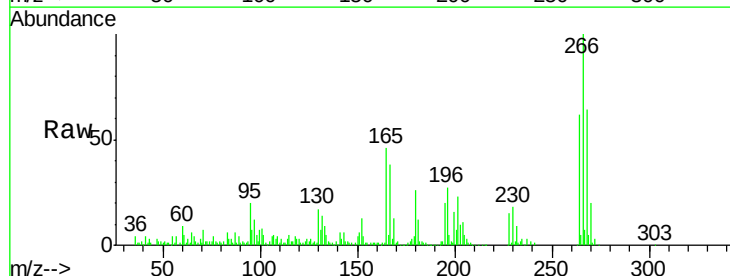
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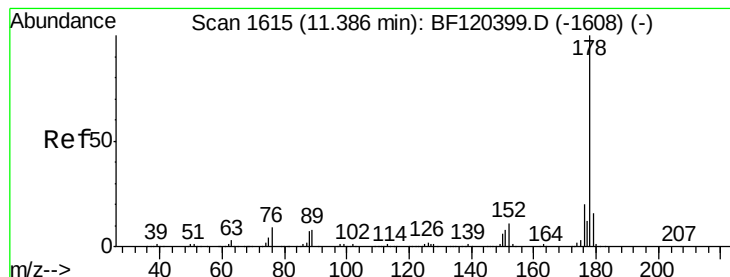
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#70
 Pentachlorophenol
 Concen: 37.099 ng
 RT: 11.19 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.8	77.6
264	62.0	50.8	76.2





#71

Phenanthrene

Concen: 230.209 ng

RT: 11.42 min Scan# 1620

Delta R.T. 0.02 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PL-02-052920MSD

Tot Ion:178 Resp: 4358403

Ion Ratio Lower Upper

178 100

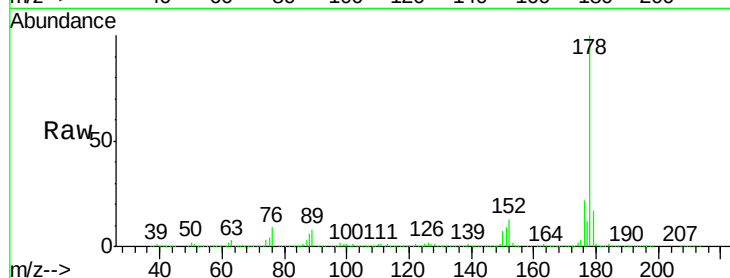
176 21.7 16.2 24.2

179 16.5 12.8 19.2

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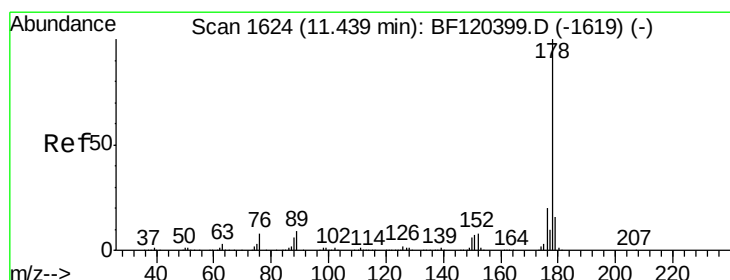
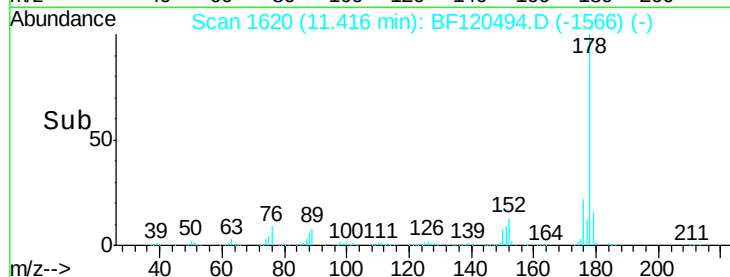
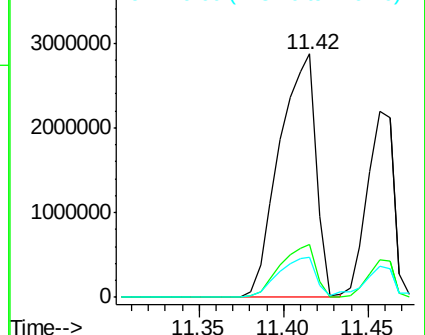
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 127.091 ng

RT: 11.46 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:178 Resp: 2414175

Ion Ratio Lower Upper

178 100

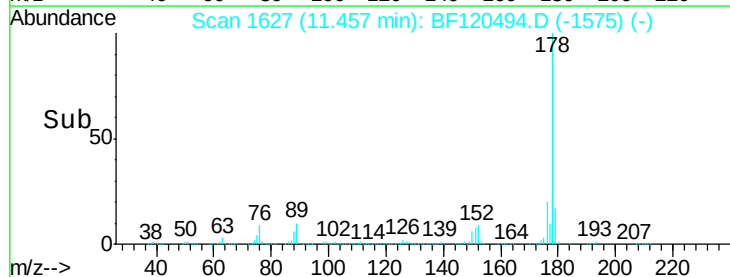
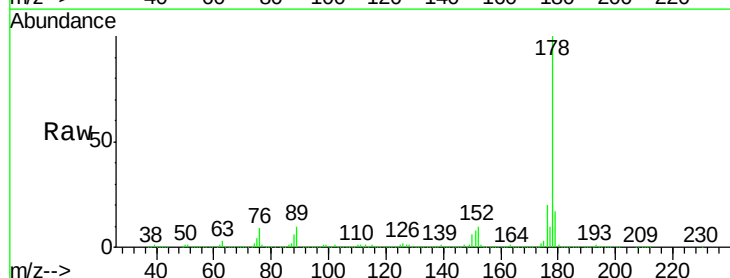
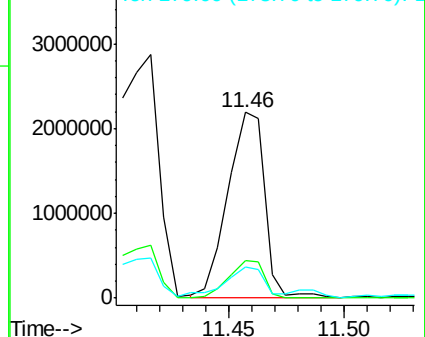
176 20.3 15.9 23.9

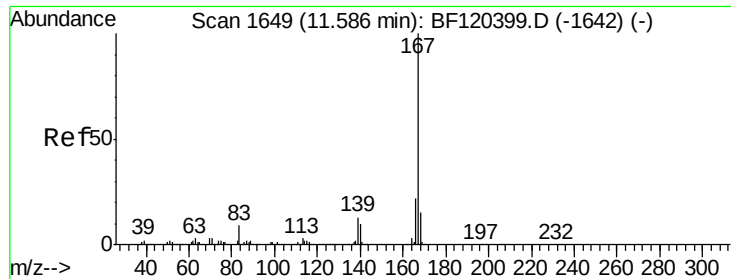
179 16.7 12.7 19.1

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





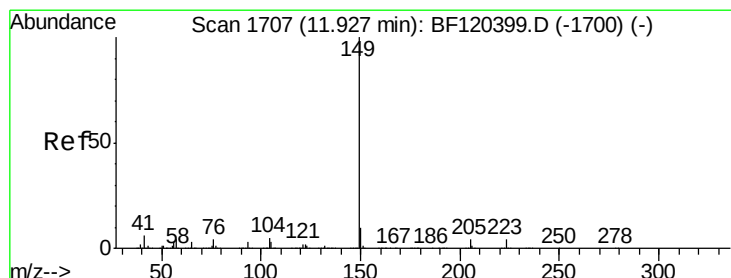
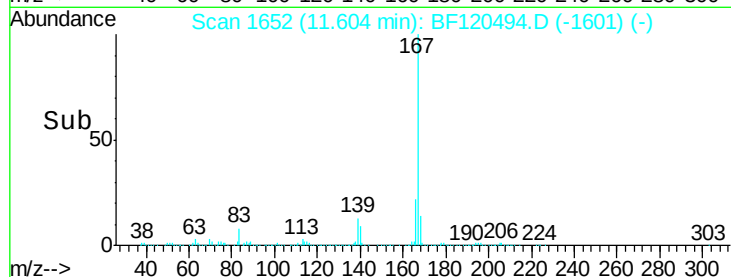
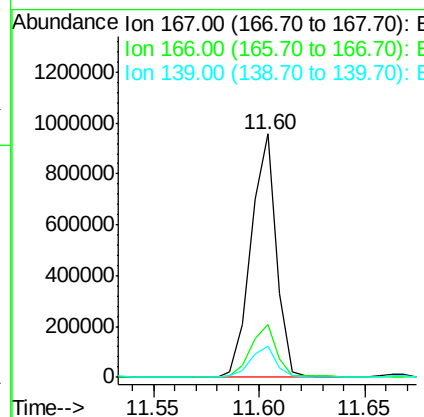
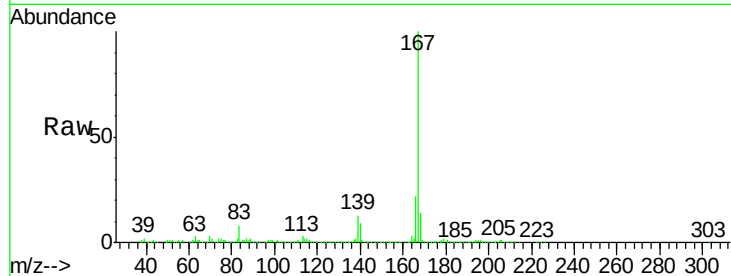
#73
 Carbazole
 Concen: 43.158 ng
 RT: 11.60 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	792956		
166	21.9		17.8	26.8
139	12.6		10.3	15.5

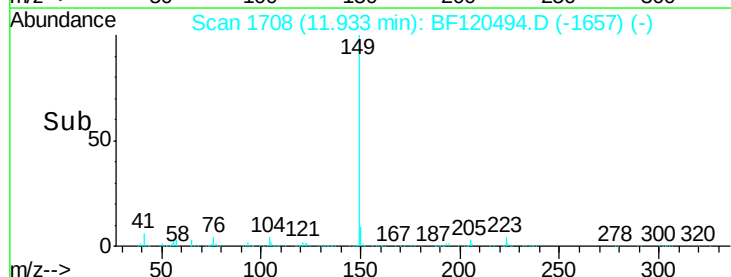
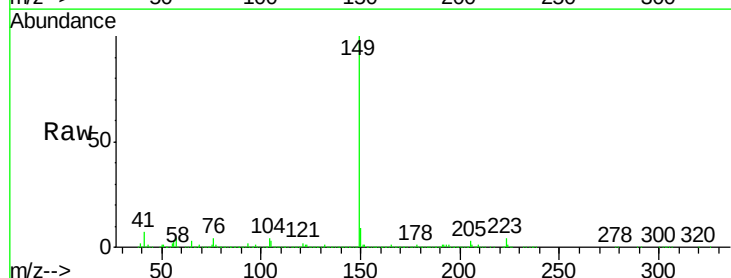
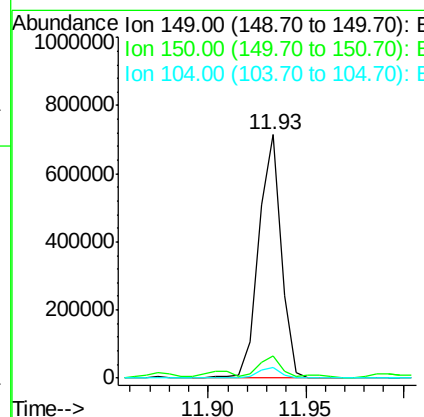
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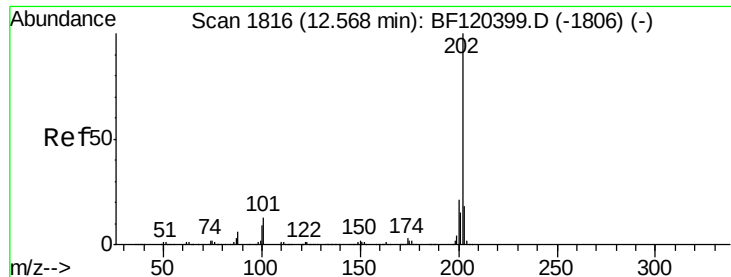
mohammad
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#74
 Di-n-butylphthalate
 Concen: 26.491 ng
 RT: 11.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	566185		
150	9.3		7.6	11.4
104	4.2		3.8	5.6





#75

Fluoranthene

Concen: 297.881 ng

RT: 12.62 min Scan# 1824

Delta R.T. 0.03 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PL-02-052920MSD

Tot Ion:202 Resp: 6068303

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

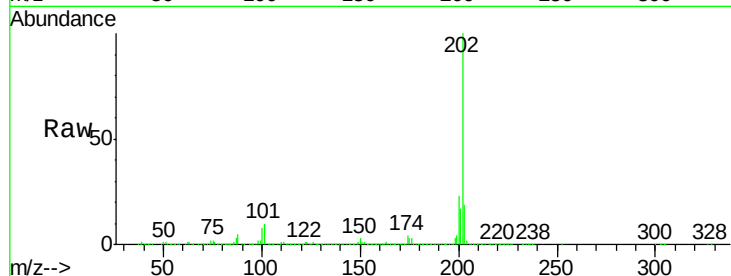
203 19.4 0.0 38.8

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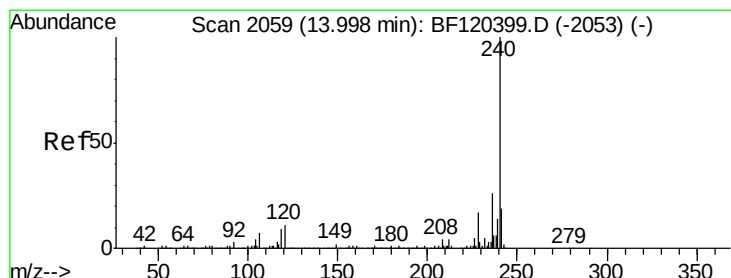
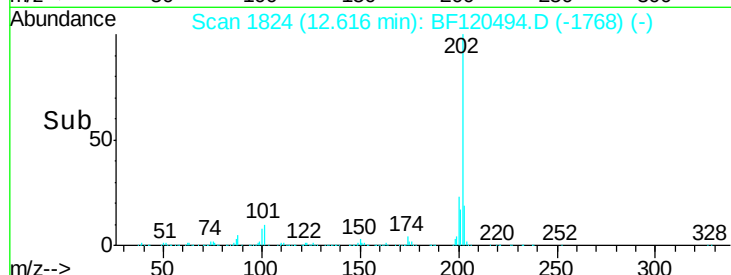
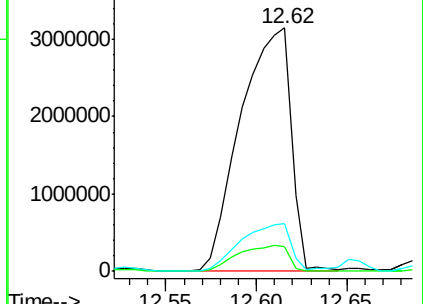
6/3/2020 4:36:00 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2065

Delta R.T. 0.02 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

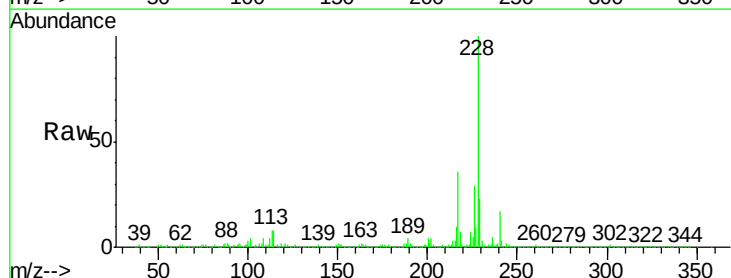
Tgt Ion:240 Resp: 261152

Ion Ratio Lower Upper

240 100

120 12.6 9.9 14.9

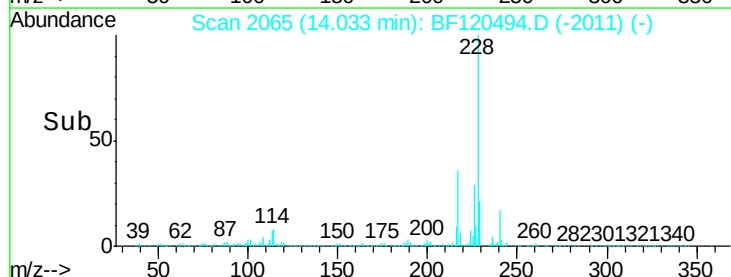
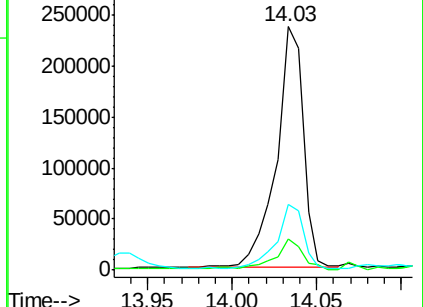
236 27.0 21.0 31.6

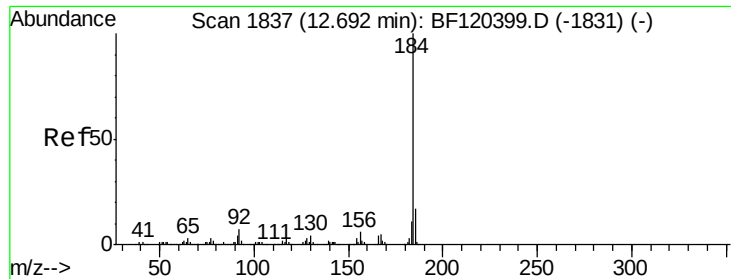


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.653 ng

RT: 12.72 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

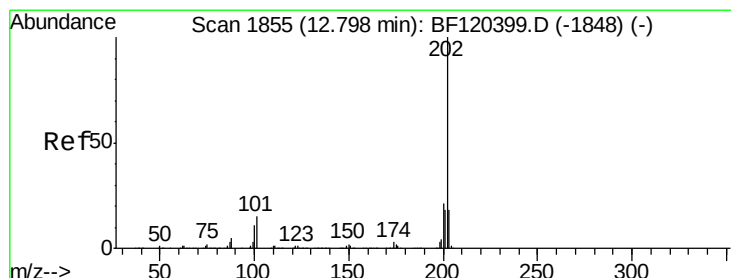
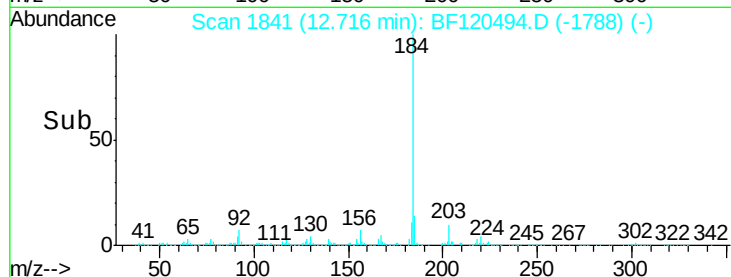
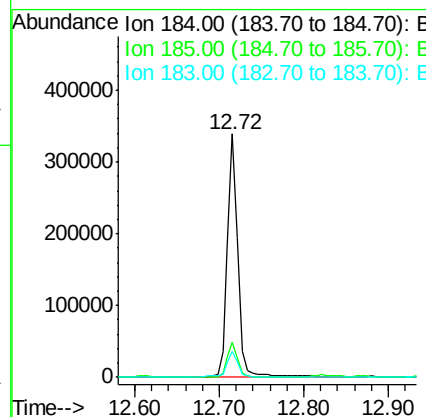
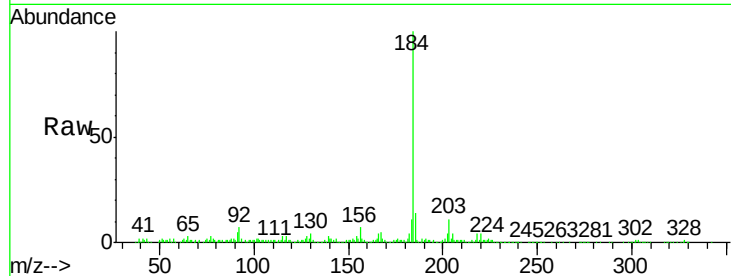
ClientSampleId :

PL-02-052920MSD

Tot Ion:	184	Resp:	292672
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	10.9	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 284.415 ng

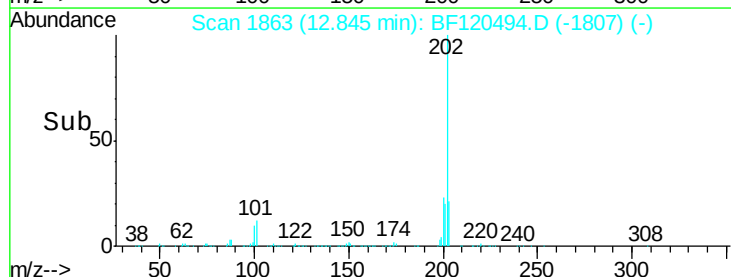
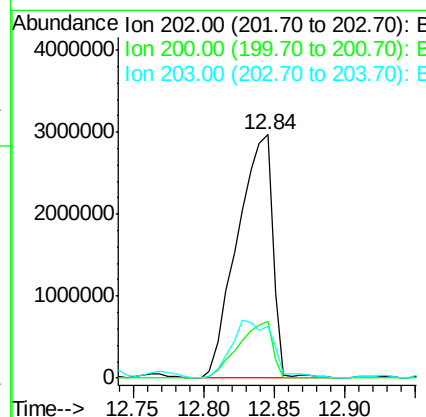
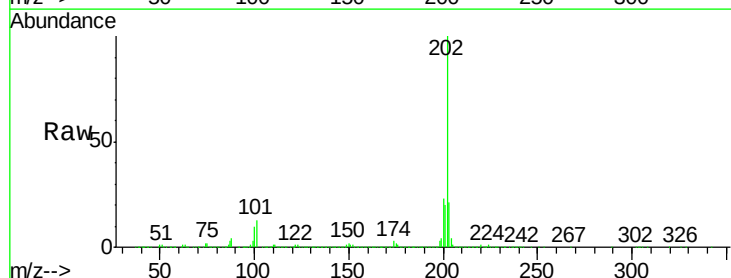
RT: 12.84 min Scan# 1863

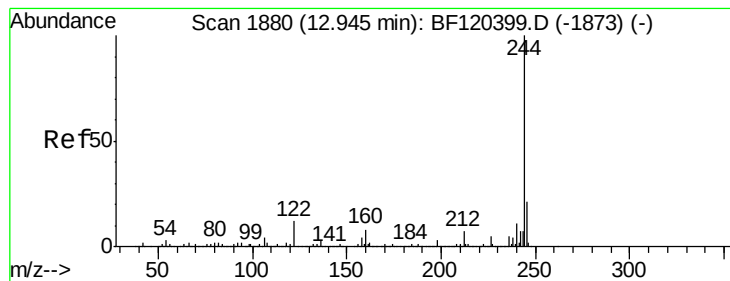
Delta R.T. 0.03 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:	202	Resp:	5165445
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.0	25.6
203	21.2	14.6	22.0





#79

Terphenyl-d14

Concen: 67.533 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Instrument :

BNA_F

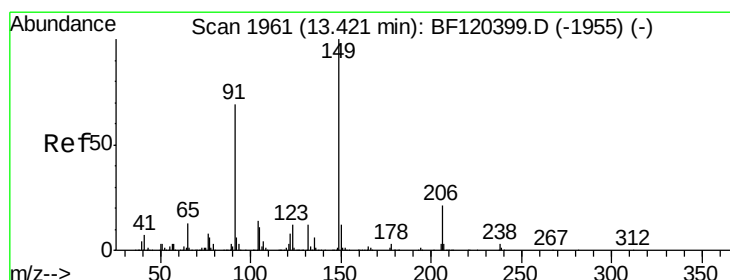
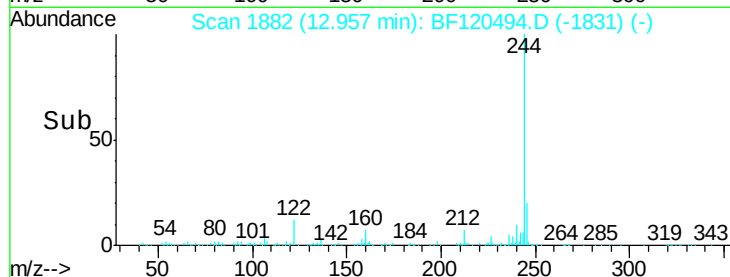
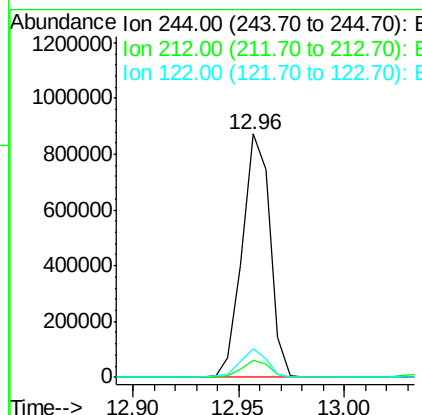
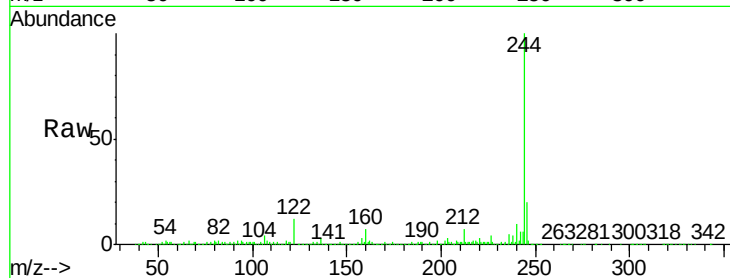
ClientSampleId :

PL-02-052920MSD

Tot Ion:	244	Resp:	792563
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.7	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 32.851 ng

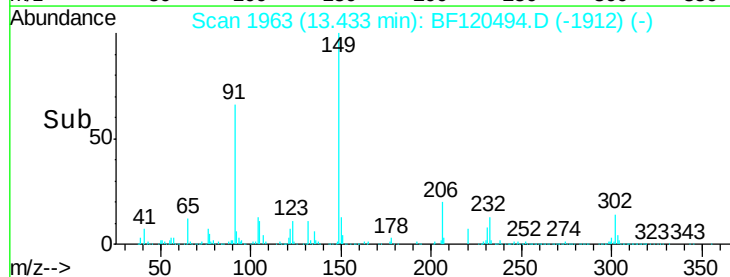
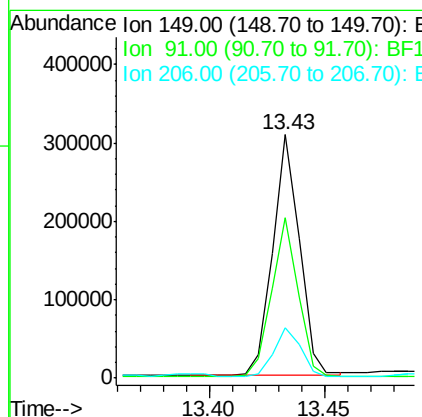
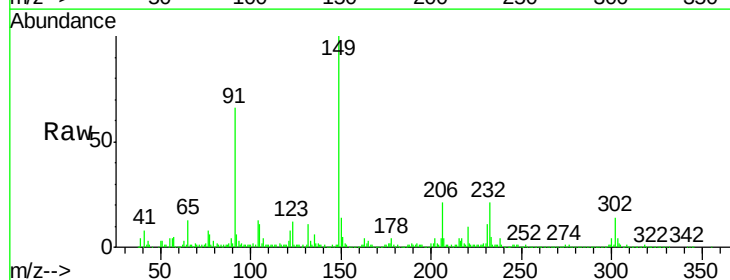
RT: 13.43 min Scan# 1963

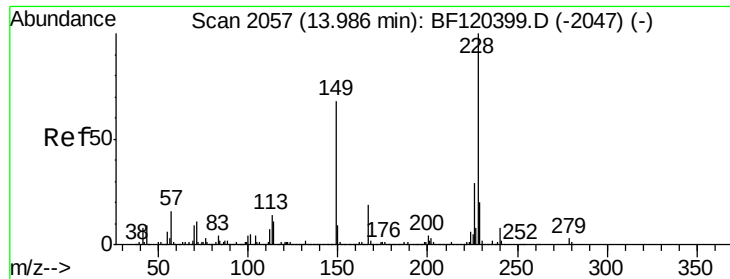
Delta R.T. 0.00 min

Lab File: BF120494.D

Acq: 2 Jun 2020 14:56

Tgt Ion:	149	Resp:	249078
Ion Ratio		Lower	Upper
149	100		
91	65.8	52.2	78.2
206	20.9	18.0	27.0





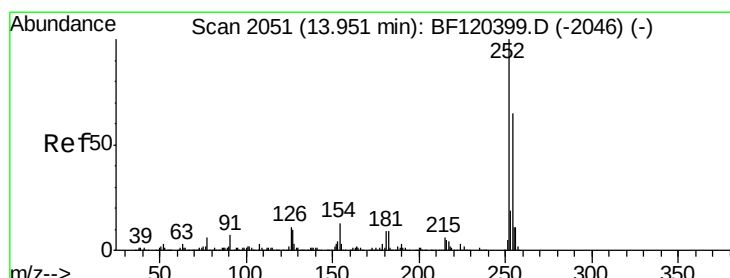
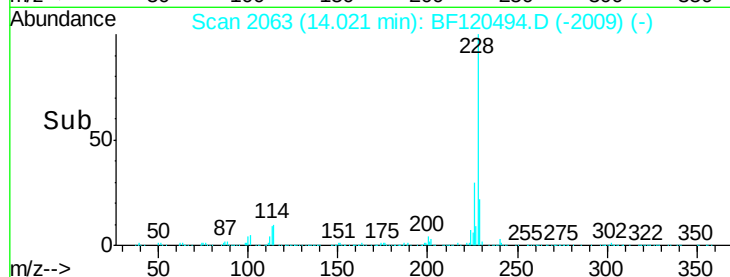
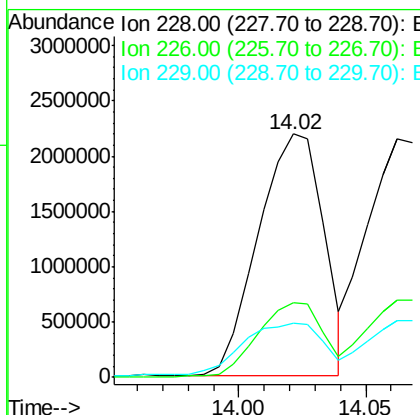
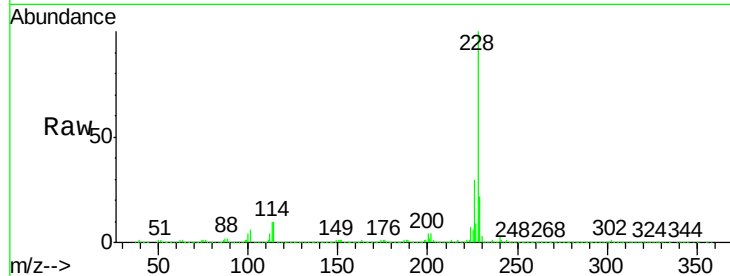
#81
Benzo(a)anthracene
Concen: 280.699 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.02 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.9	34.3
229	22.4	16.3	24.5

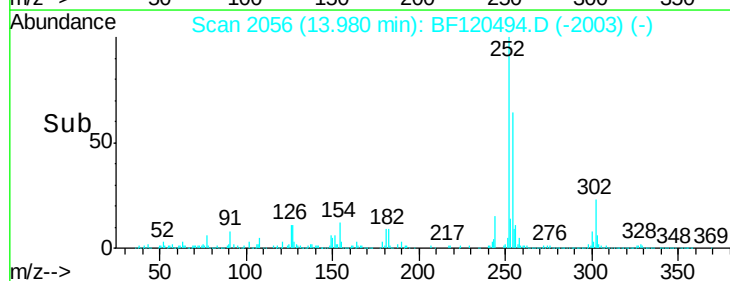
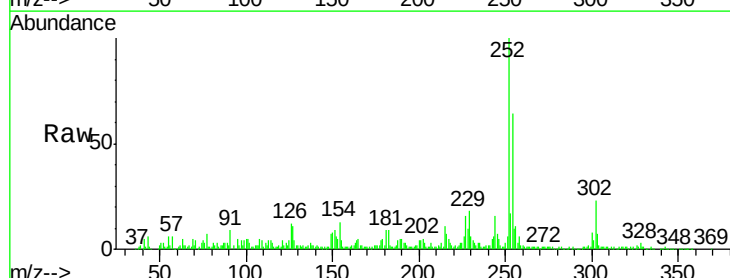
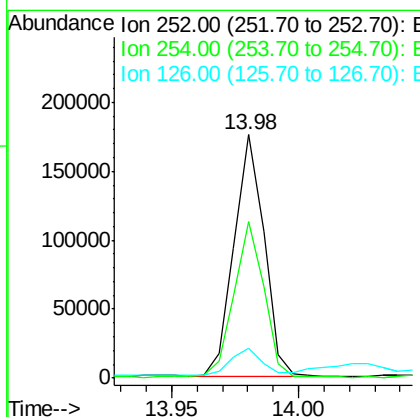
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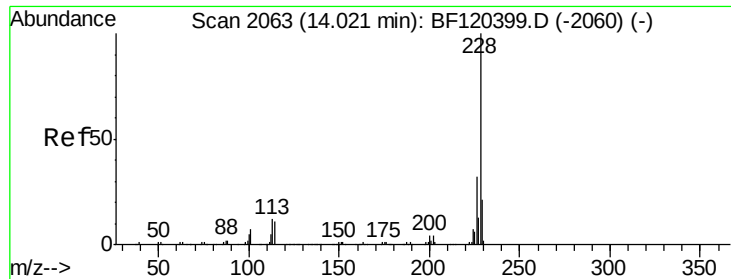
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#82
3,3'-Dichlorobenzidine
Concen: 28.355 ng
RT: 13.98 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.9	79.3
126	12.1	8.2	12.4





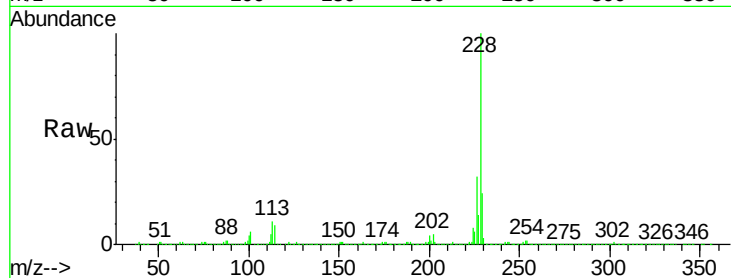
#83
 Chrysene
 Concen: 208.051 ng
 RT: 14.06 min Scan# 2070
 Delta R.T. 0.02 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

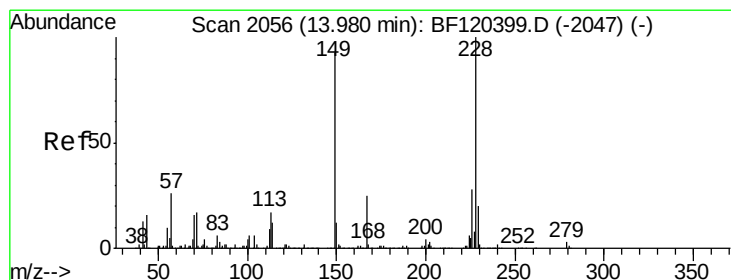
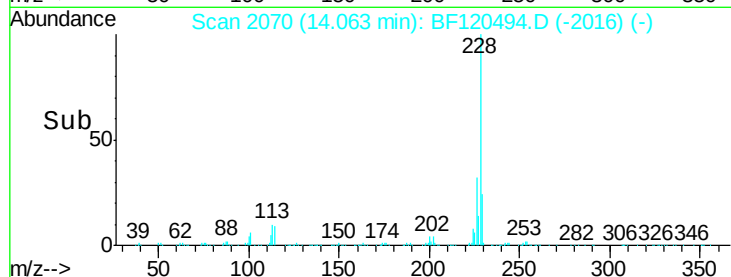
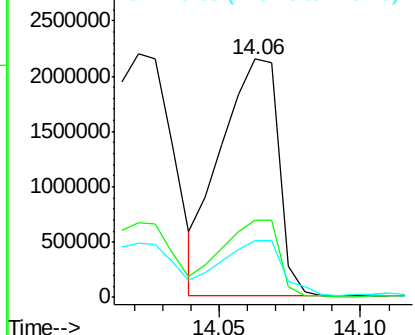
Tot Ion:228 Resp: 3052808
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.7 38.5
 229 24.0 16.4 24.6

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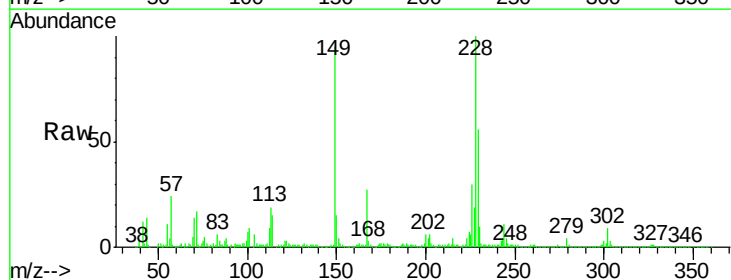


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

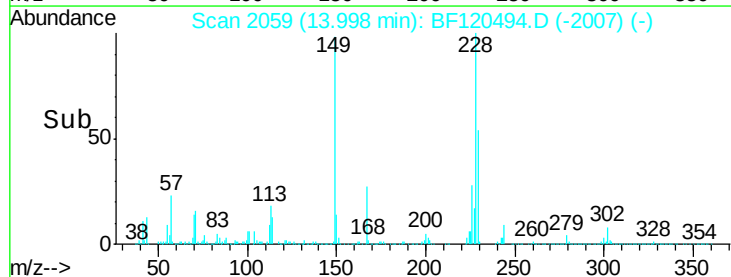
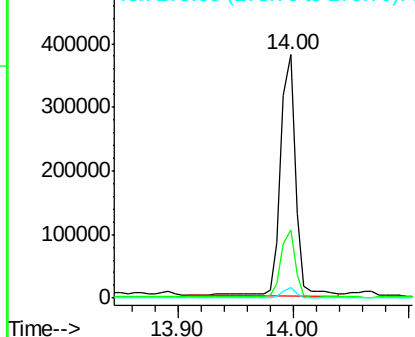


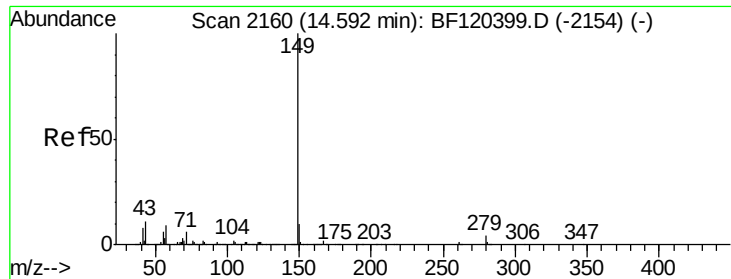
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.958 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Tgt Ion:149 Resp: 346738
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.2
 279 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





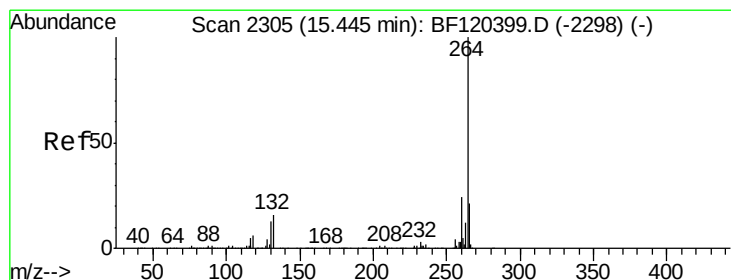
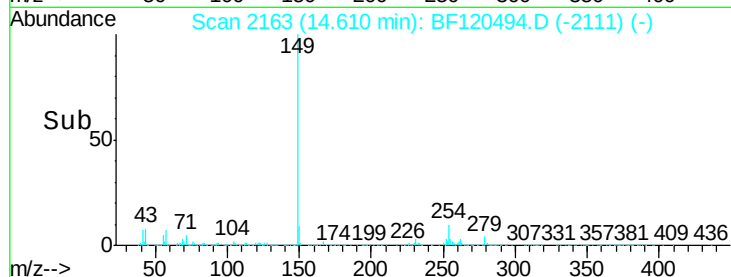
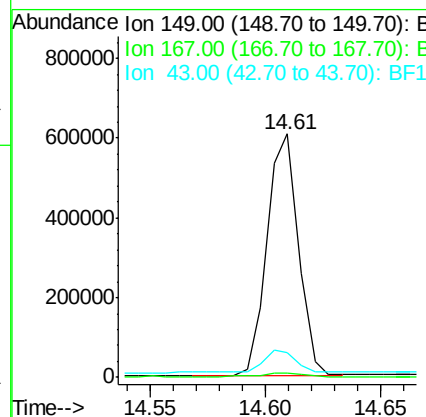
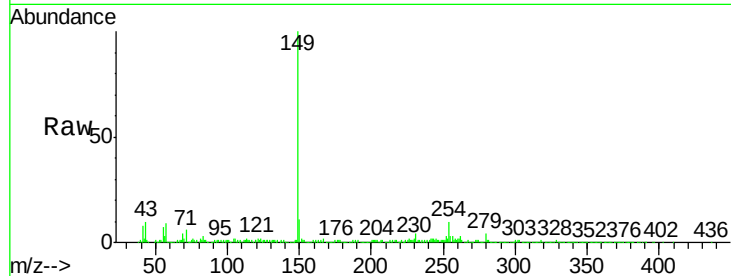
#85
Di-n-octyl phthalate
Concen: 37.355 ng
RT: 14.61 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.3	7.8	11.6

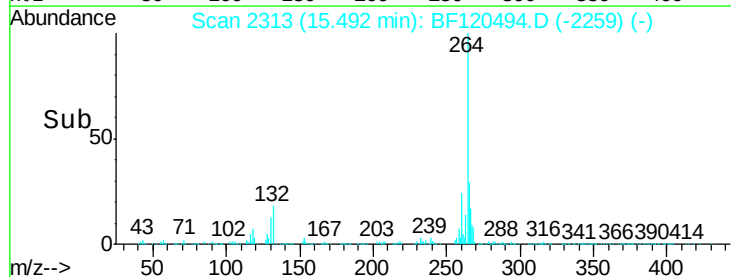
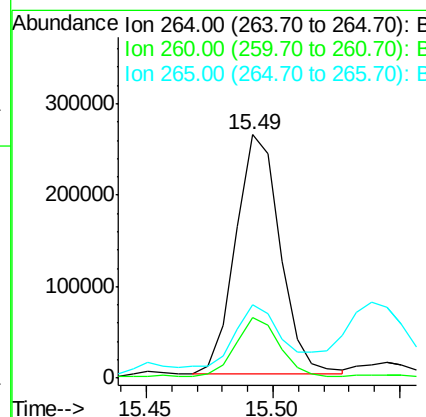
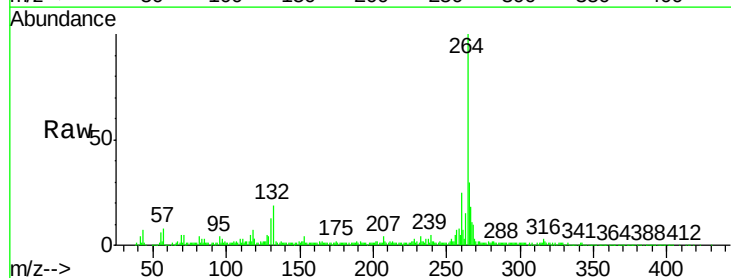
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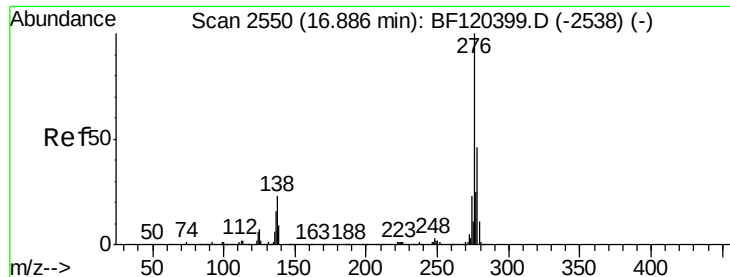
mohammad
6/3/2020 4:36:00 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2313
Delta R.T. 0.02 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.7	19.5	29.3
265	29.9	17.6	26.4#





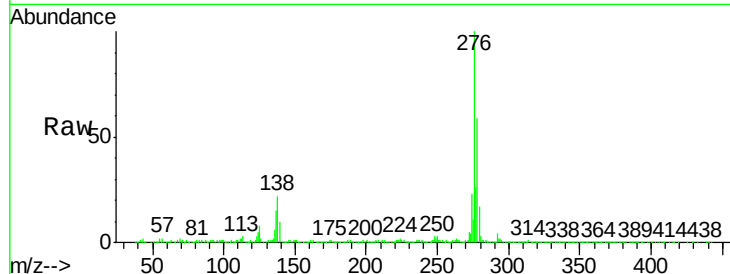
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 98.317 ng
 RT: 16.98 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-052920MSD

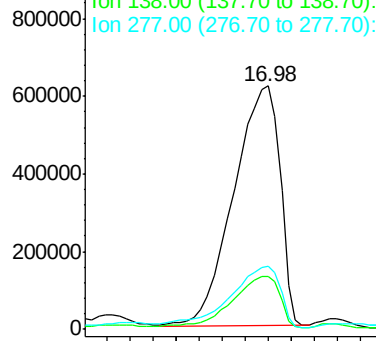
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.3	28.9
277	28.1	20.7	31.1

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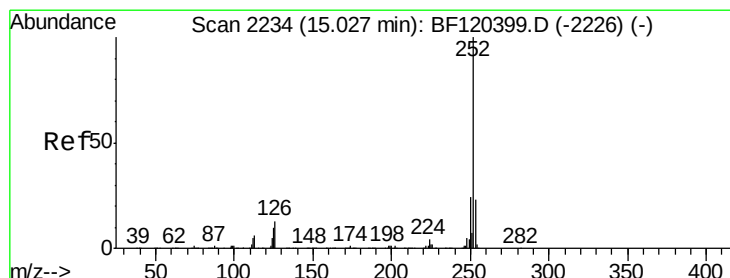
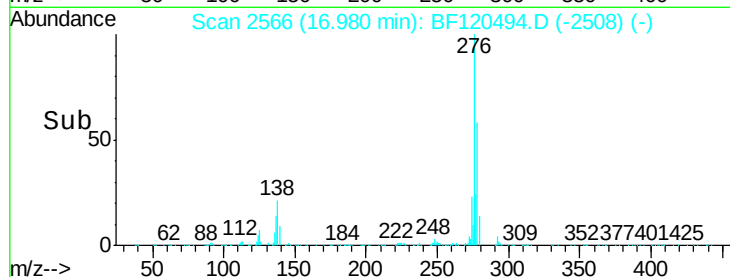
mohammad
 6/3/2020 4:36:00 PM



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



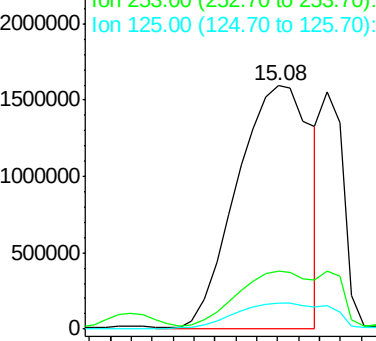
Time-->



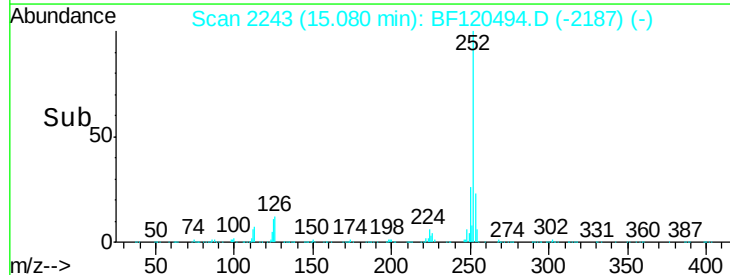
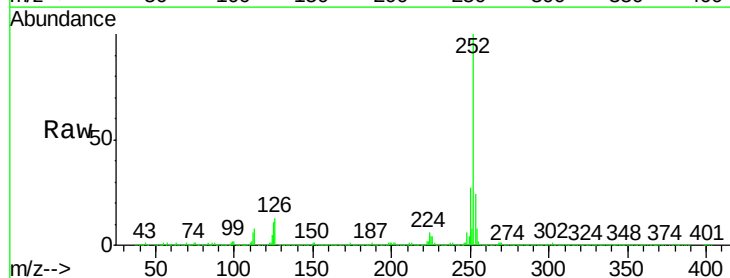
#88
 Benzo(b)fluoranthene
 Concen: 222.764 ng m
 RT: 15.08 min Scan# 2243
 Delta R.T. 0.03 min
 Lab File: BF120494.D
 Acq: 2 Jun 2020 14:56

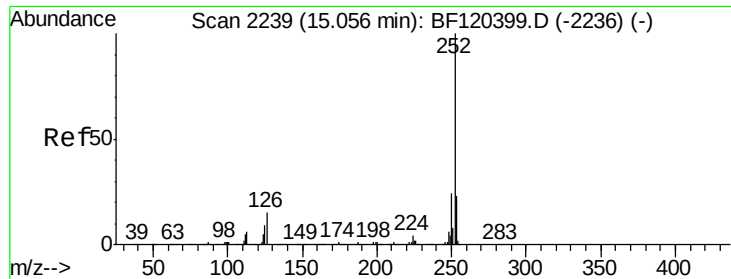
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	10.8	8.2	12.4

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E



Time-->





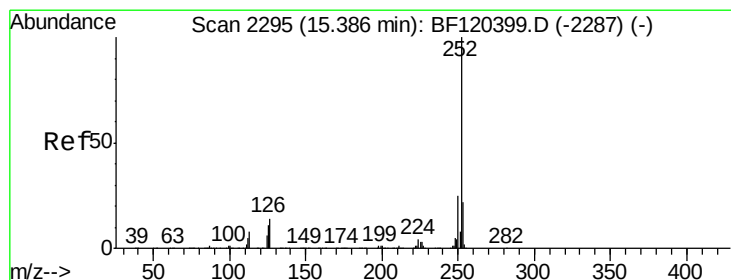
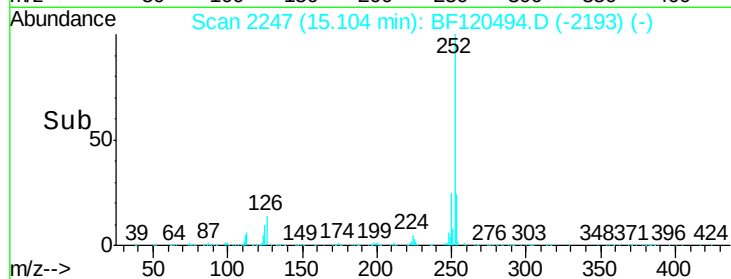
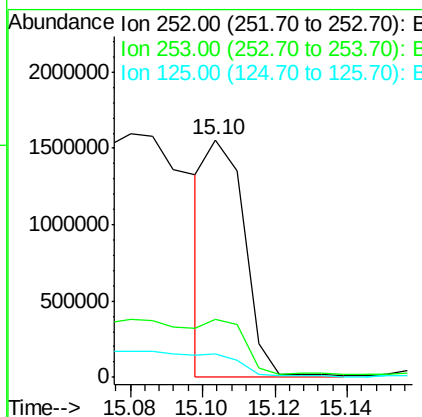
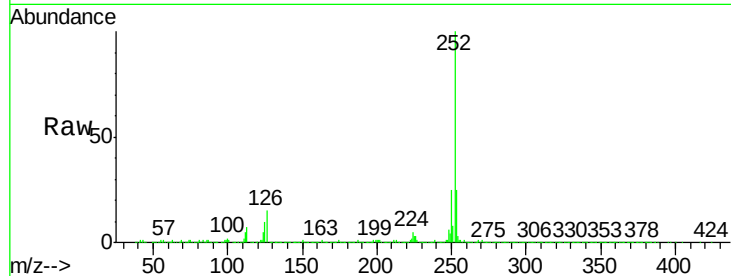
#89
Benzo(k)fluoranthene
Concen: 68.062 ng m
RT: 15.10 min Scan# 2247
Delta R.T. 0.02 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion:252 Resp: 1129658
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 10.1 7.1 10.7

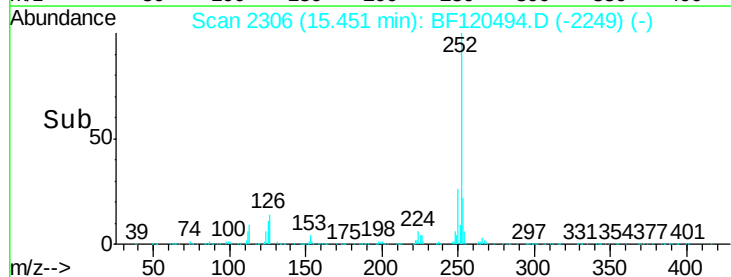
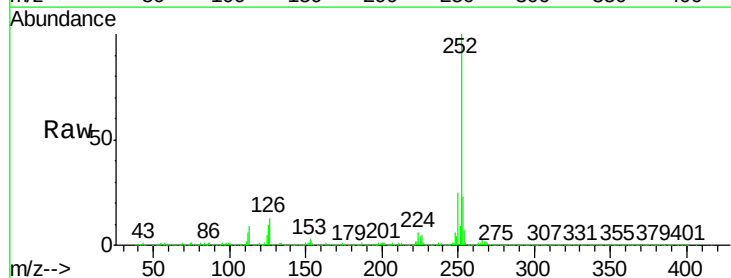
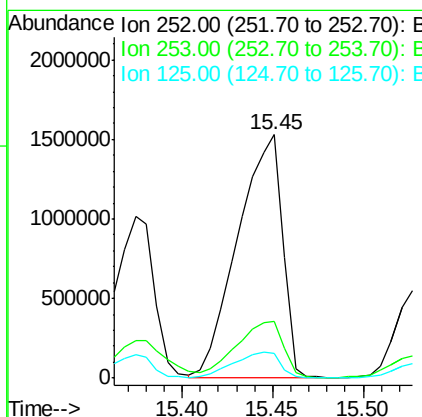
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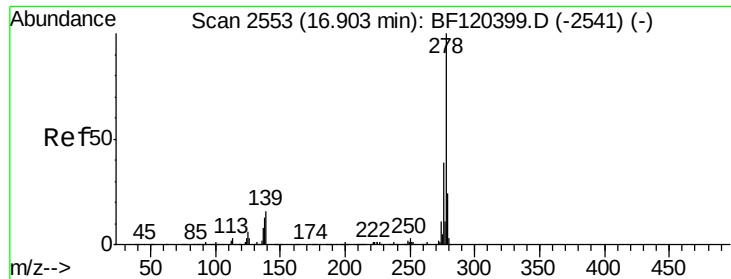
mohammad
6/3/2020 4:36:00 PM



#90
Benzo(a)pyrene
Concen: 168.091 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.04 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion:252 Resp: 2614020
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.2 9.0 13.4





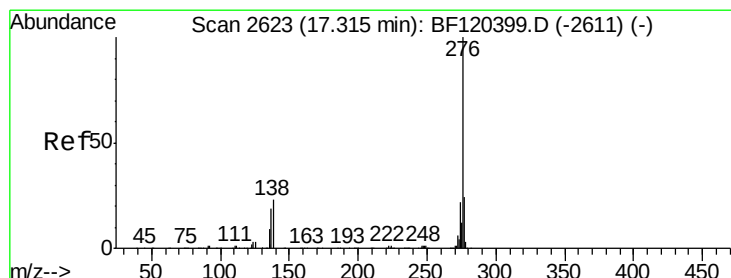
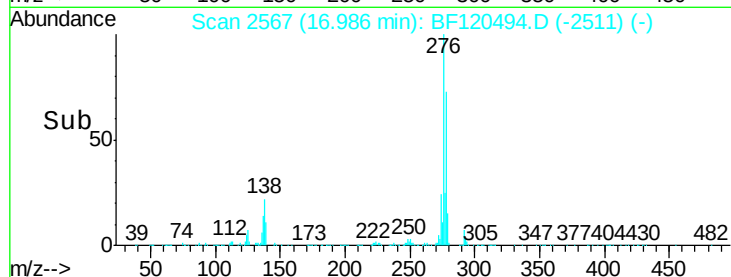
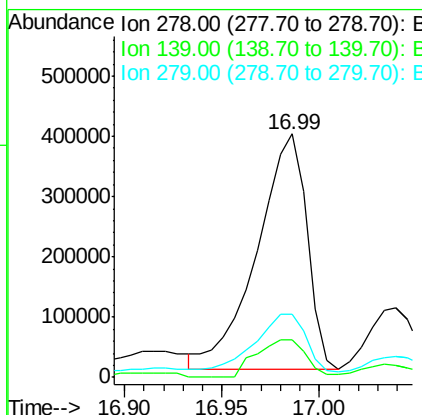
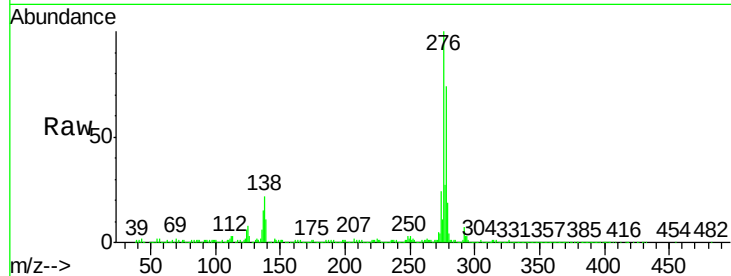
#91
Dibenzo(a,h)anthracene
Concen: 48.242 ng
RT: 16.99 min Scan# 2567
Delta R.T. 0.03 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PL-02-052920MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.2	18.4
279	25.8	18.8	28.2

Manual Integrations
APPROVED

mohammad
6/3/2020 4:36:00 PM



#92
Benzo(g,h,i)perylene
Concen: 102.948 ng
RT: 17.42 min Scan# 2641
Delta R.T. 0.04 min
Lab File: BF120494.D
Acq: 2 Jun 2020 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	22.1	16.8	25.2

