

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120354.D
 Acq On : 18 May 2020 20:55
 Operator : MA/SJ
 Sample : L2506-08MSD 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Manual Integrations
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mohammad
 5/19/2020 3:05:37 PM

Quant Time: May 19 05:41:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	272045	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1010268	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	453213	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	692270	20.00	ng	0.00
76) Chrysene-d12	13.76	240	571143	20.00	ng	0.00
87) Perylene-d12	15.15	264	532226	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	777022	55.57	ng	0.00
7) Phenol-d6	6.26	99	981777	55.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	575784	39.02	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	173120	46.85	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1086009	49.23	ng	0.00
79) Terphenyl-d14	12.72	244	1005897	38.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.21	88	123218	22.154	ng	98
3) Pyridine	2.89	79	201158	11.506	ng	95
4) n-Nitrosodimethylamine	2.82	42	134806	19.692	ng	# 90
6) Aniline	6.27	93	282004	12.471	ng	# 34
8) 2-Chlorophenol	6.39	128	299561	18.375	ng	97
9) Benzaldehyde	6.15	77	186512	17.111	ng	98
10) Phenol	6.27	94	391770	18.981	ng	86
11) bis(2-Chloroethyl)ether	6.34	93	303772	18.424	ng	100
12) 1,3-Dichlorobenzene	6.54	146	315929	18.111	ng	99
13) 1,4-Dichlorobenzene	6.62	146	328722	18.296	ng	96
14) 1,2-Dichlorobenzene	6.77	146	297241	18.372	ng	99
15) Benzyl Alcohol	6.76	79	230383	18.341	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	496380	19.104	ng	86
17) 2-Methylphenol	6.88	107	231876	16.849	ng	94
18) Hexachloroethane	7.11	117	103365	15.102	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	206677	17.842	ng	92
20) 3+4-Methylphenols	7.04	107	310478	17.352	ng	97
22) Acetophenone	7.02	105	417414	20.168	ng	99
24) Nitrobenzene	7.19	77	306944	19.329	ng	97
25) Isophorone	7.43	82	562209	18.312	ng	98
26) 2-Nitrophenol	7.51	139	151648	18.259	ng	98
27) 2,4-Dimethylphenol	7.56	122	253497	20.982	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	364431	18.885	ng	100
29) 2,4-Dichlorophenol	7.76	162	229398	18.487	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	258955	18.833	ng	96
31) Naphthalene	7.91	128	846720	19.858	ng	98
32) Benzoic acid	7.65	122	14799	1.869	ng	# 83
33) 4-Chloroaniline	7.97	127	209967	10.806	ng	99
34) Hexachlorobutadiene	8.03	225	145052	18.251	ng	96
35) Caprolactam	8.32	113	60347	14.866	ng	# 86
36) 4-Chloro-3-methylphenol	8.46	107	223136	16.623	ng	97
37) 2-Methylnaphthalene	8.60	142	523088	17.927	ng	99
38) 1-Methylnaphthalene	8.70	142	497660	17.585	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	259933	22.745	ng	99

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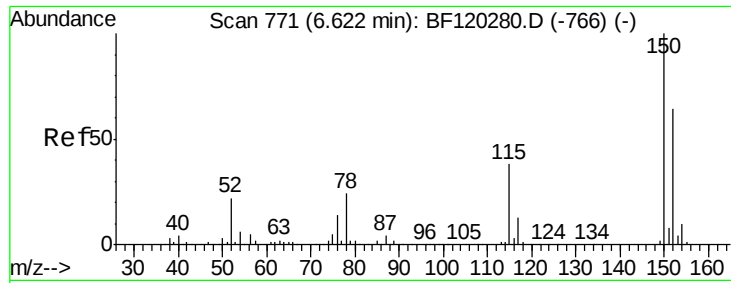
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	13953	9.342	nq	98
43) 2,4,6-Trichlorophenol	8.89	196	160766	20.958	nq	98
44) 2,4,5-Trichlorophenol	8.94	196	163113	18.516	nq	98
46) 1,1'-Biphenyl	9.06	154	663634	22.348	nq	97
47) 2-Chloronaphthalene	9.09	162	478347	20.082	nq	97
48) 2-Nitroaniline	9.19	65	160874	18.510	nq	97
49) Acenaphthylene	9.50	152	773933	21.270	nq	98
50) Dimethylphthalate	9.37	163	703566	24.558	nq	99
51) 2,6-Dinitrotoluene	9.43	165	115253	18.024	nq	95
52) Acenaphthene	9.67	154	445587	20.430	nq	99
53) 3-Nitroaniline	9.60	138	94616	12.408	nq	94
54) 2,4-Dinitrophenol	9.72	184	13184	4.368	nq	# 69
55) Dibenzofuran	9.85	168	657870	20.946	nq	99
56) 4-Nitrophenol	9.80	139	125394	30.604	nq	93
57) 2,4-Dinitrotoluene	9.84	165	140554	18.738	nq	94
58) Fluorene	10.19	166	486467	20.338	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	110117m	16.610	nq	
60) Diethylphthalate	10.07	149	546487	19.758	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	231000	18.575	nq	97
62) 4-Nitroaniline	10.22	138	100389	14.138	nq	97
63) Azobenzene	10.34	77	460772	17.626	nq	93
65) 4,6-Dinitro-2-methylphenol	10.25	198	22196	6.340	nq	83
66) n-Nitrosodiphenylamine	10.30	169	422955	22.084	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	124391	18.517	nq	97
68) Hexachlorobenzene	10.73	284	129354	18.406	nq	99
69) Atrazine	10.83	200	105754	18.453	nq	97
70) Pentachlorophenol	10.94	266	101127	33.833	nq	99
71) Phenanthrene	11.14	178	809257	27.820	nq	99
72) Anthracene	11.20	178	711939	22.862	nq	98
73) Carbazole	11.36	167	557488	19.160	nq	99
74) Di-n-butylphthalate	11.70	149	736231	20.995	nq	97
75) Fluoranthene	12.34	202	1075923	34.508	nq	93
77) Benzidine	12.49	184	168053	10.076	nq	96
78) Pyrene	12.57	202	1452550	35.674	nq	99
80) Butylbenzylphthalate	13.19	149	331553	17.293	nq	98
81) Benzo(a)anthracene	13.75	228	978652	32.487	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	160602	14.147	nq	97
83) Chrysene	13.79	228	990576	30.623	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	433207	18.161	nq	98
85) Di-n-octyl phthalate	14.36	149	803351	18.720	nq	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	494558	16.845	nq	97
88) Benzo(b)fluoranthene	14.76	252	858450	29.534	nq	99
89) Benzo(k)fluoranthene	14.79	252	716109	28.437	nq	99
90) Benzo(a)pyrene	15.09	252	765555	29.368	nq	100
91) Dibenzo(a,h)anthracene	16.47	278	356005	15.416	nq	100
92) Benzo(g,h,i)perylene	16.86	276	424181	18.215	nq	98

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



#1

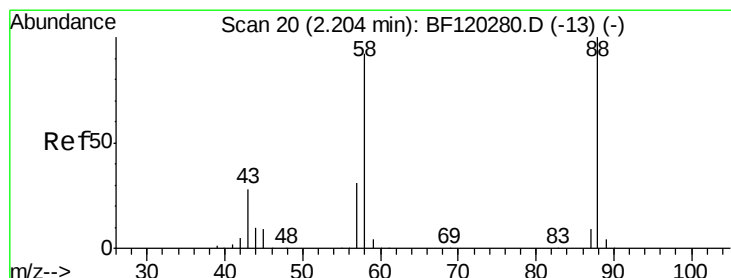
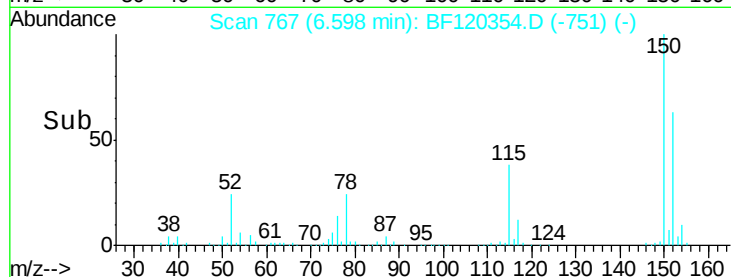
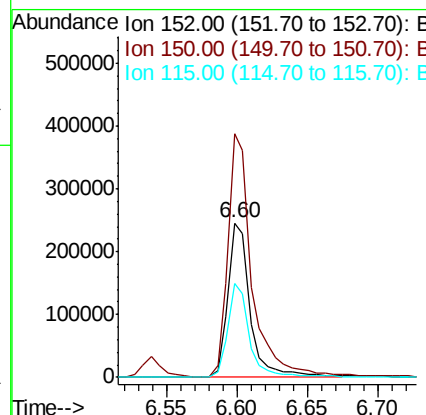
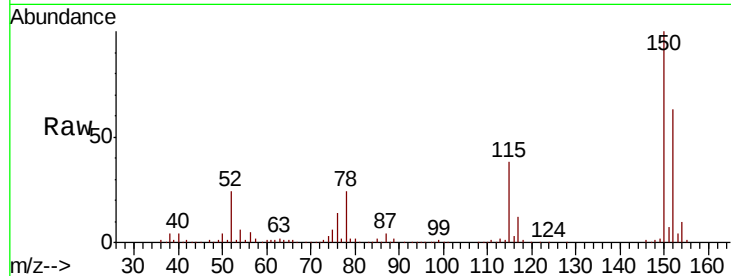
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	60.7	47.9	71.9

Manual Integrations
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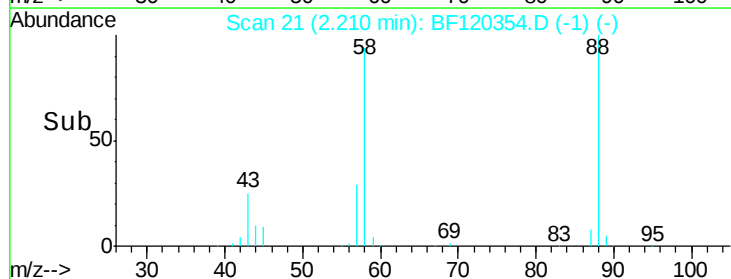
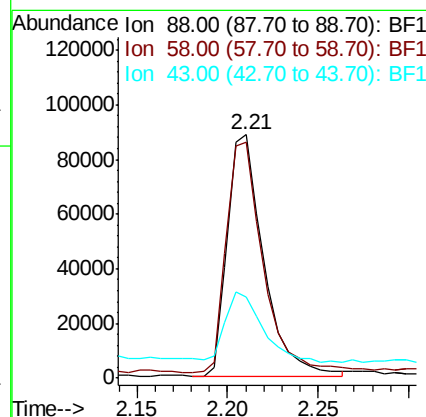
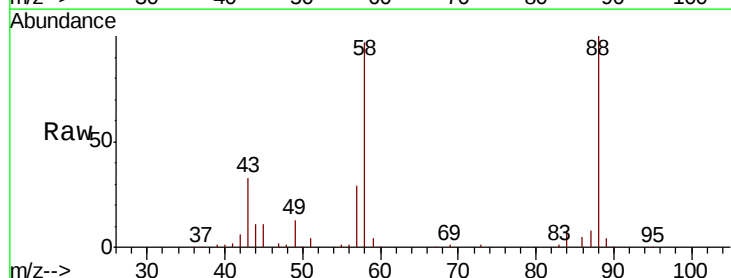
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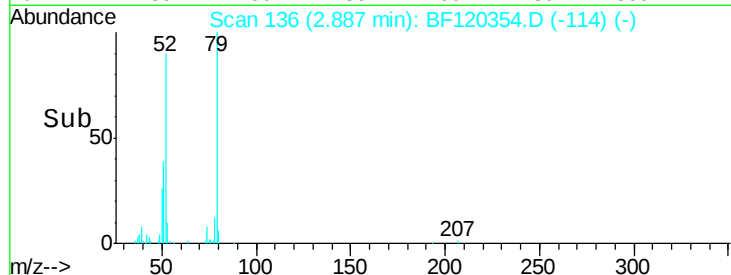
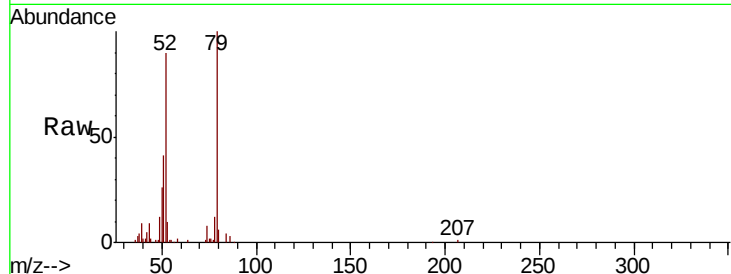
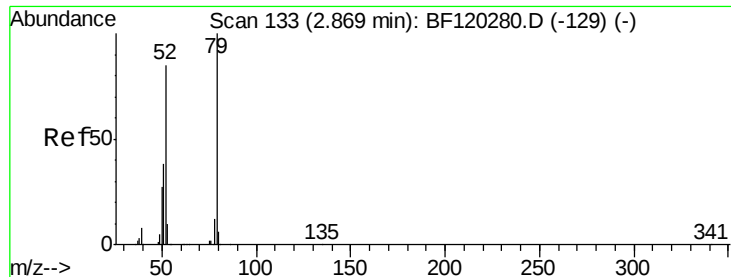


#2

1,4-Dioxane
Concen: 22.154 ng
RT: 2.21 min Scan# 21
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	75.8	113.6
43	29.4	23.6	35.4





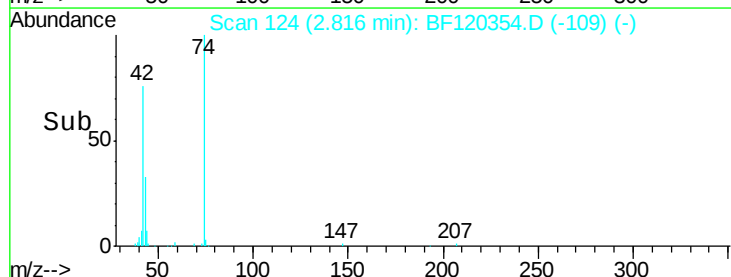
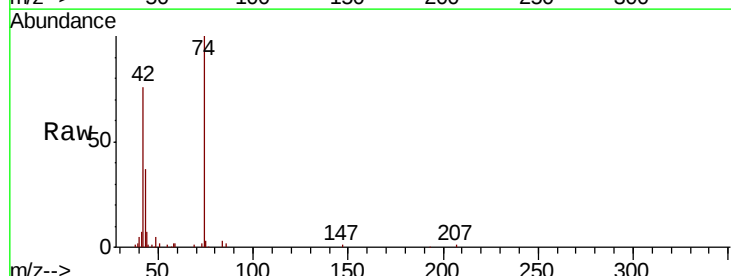
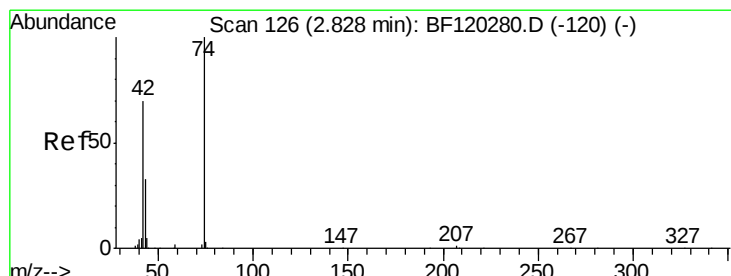
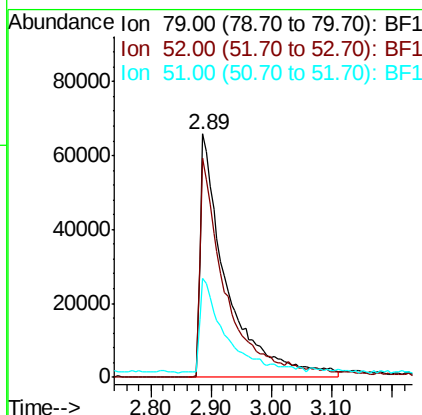
#3
Pvridine
Concen: 11.506 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.03 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	201158		
52	52	90.3		68.4	102.6
51	51	40.8		31.0	46.4

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

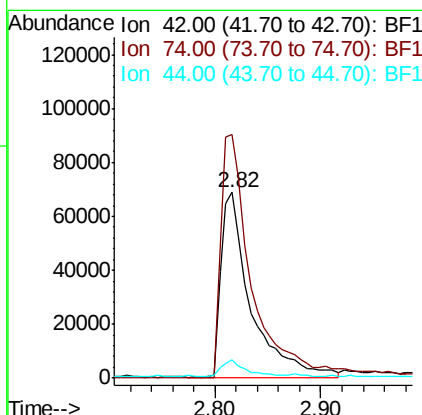
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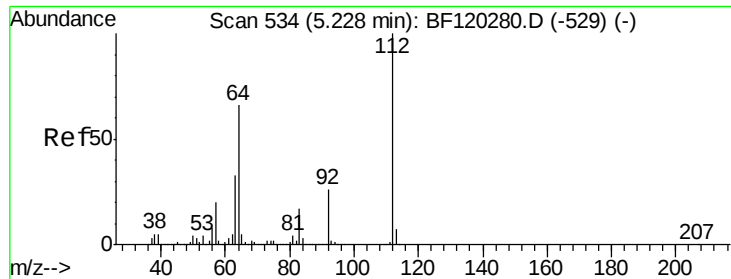
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#4
n-Nitrosodimethylamine
Concen: 19.692 ng
RT: 2.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	134806		
74	74	131.3		114.8	172.2
44	44	9.6		5.6	8.4#





#5

2-Fluorophenol

Concen: 55.574 ng

RT: 5.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

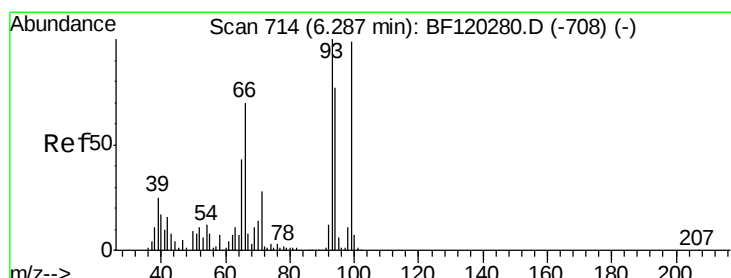
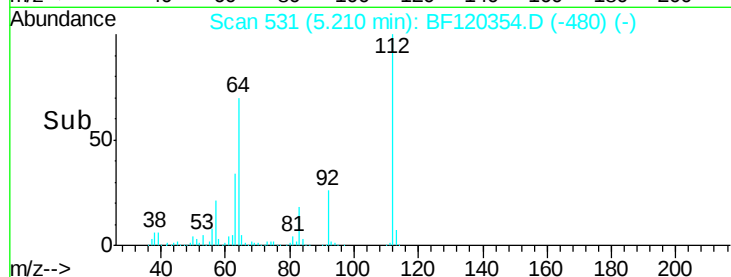
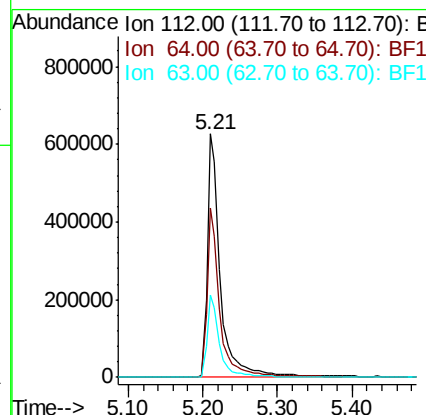
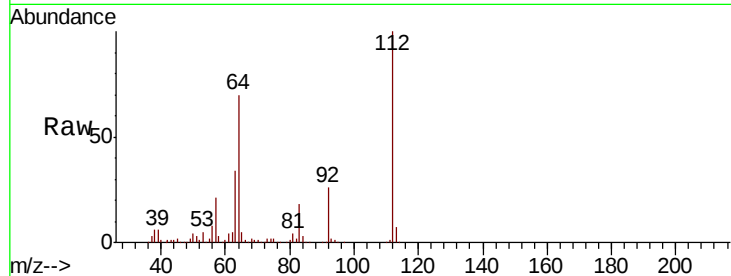
ClientSampleId :

TR-05-051520

Tot Ion:	112	Resp:	777022
Ion Ratio	Lower	Upper	
112	100		
64	69.8	52.7	79.1
63	33.9	26.2	39.4

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#6

Aniline

Concen: 12.471 ng

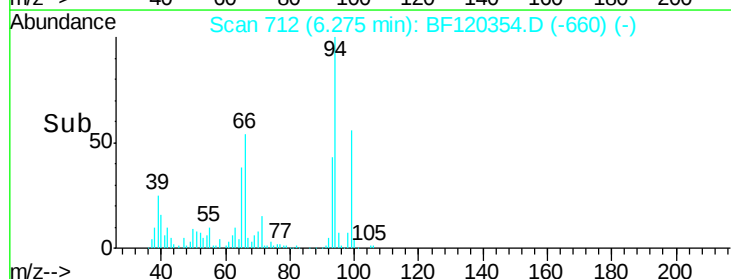
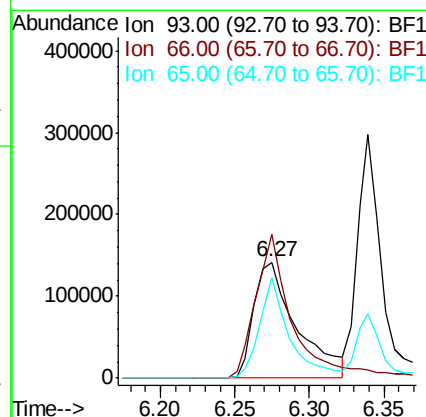
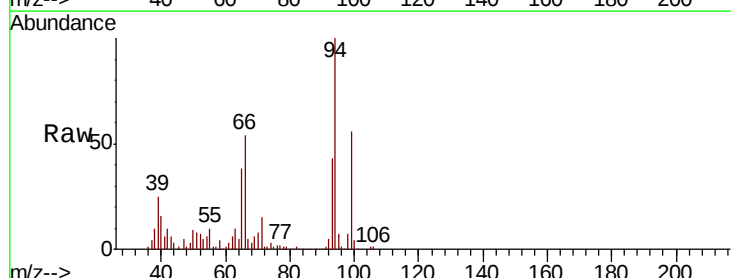
RT: 6.27 min Scan# 712

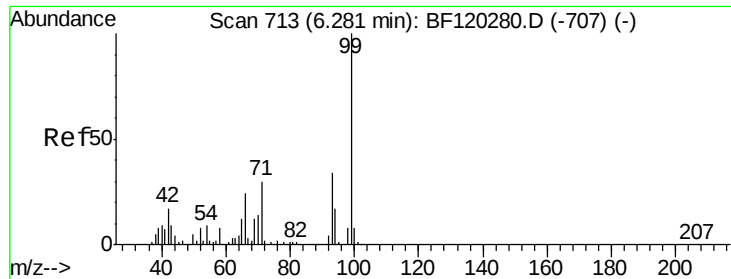
Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	93	Resp:	282004
Ion Ratio	Lower	Upper	
93	100		
66	123.7	56.2	84.4#
65	86.8	34.2	51.2#





#7

Phenol-d6

Concen: 55.526 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

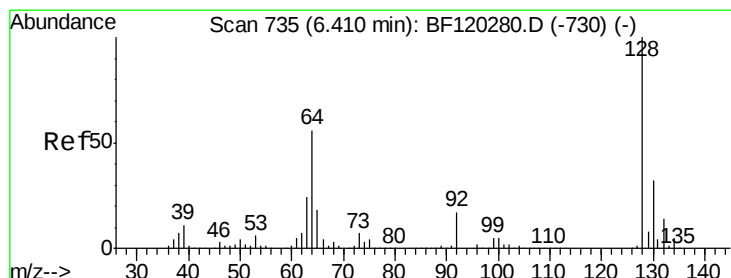
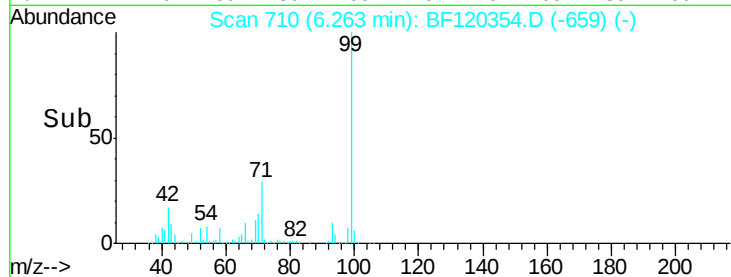
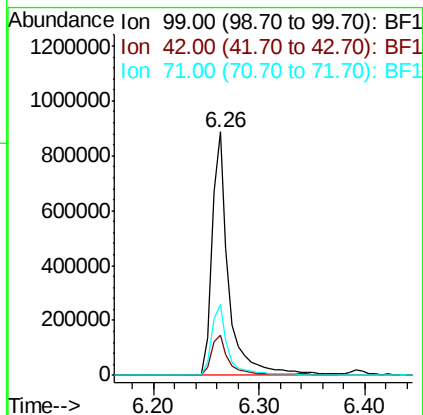
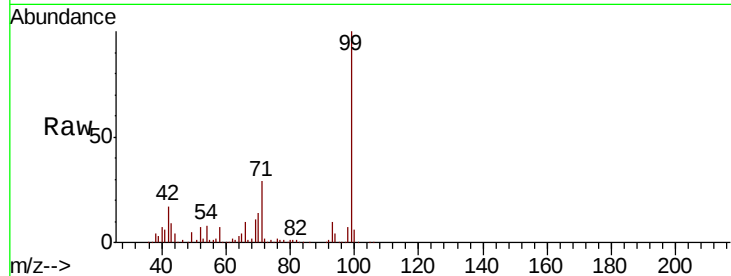
ClientSampleId :

TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		981777		
42	16.6	13.6	20.4		
71	29.2	24.2	36.4		

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#8

2-Chlorophenol

Concen: 18.375 ng

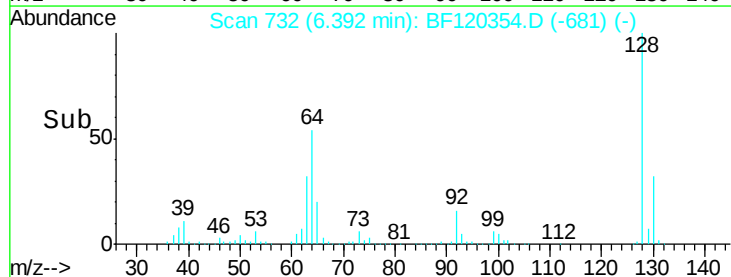
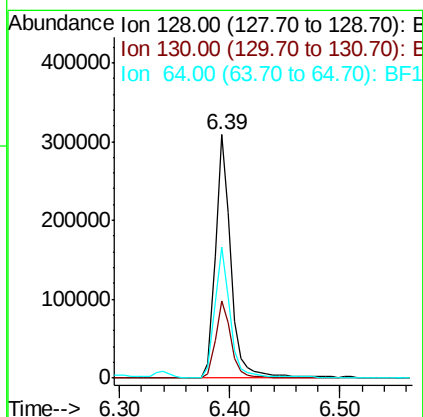
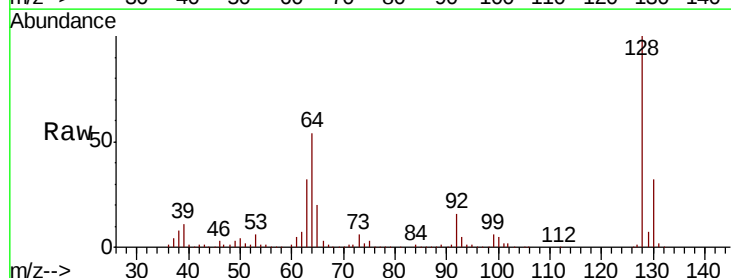
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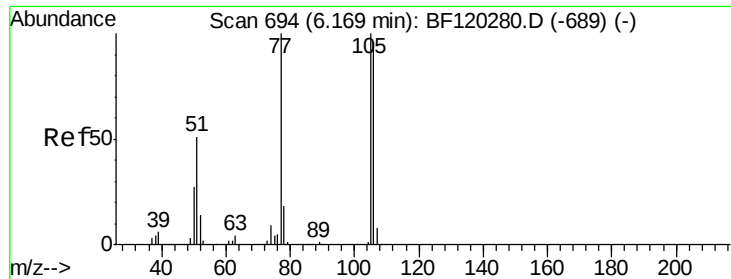
Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		299561		
130	31.9	12.4	52.4		
64	53.8	36.7	76.7		





#9

Benzaldehyde

Concen: 17.111 ng

RT: 6.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

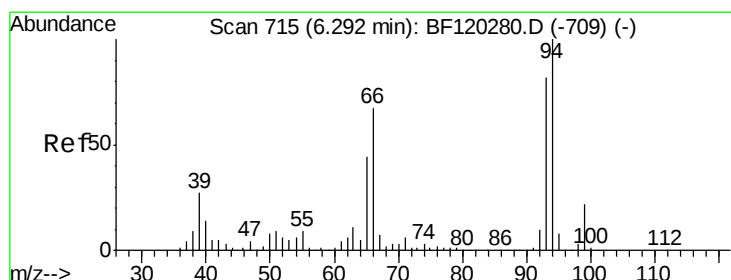
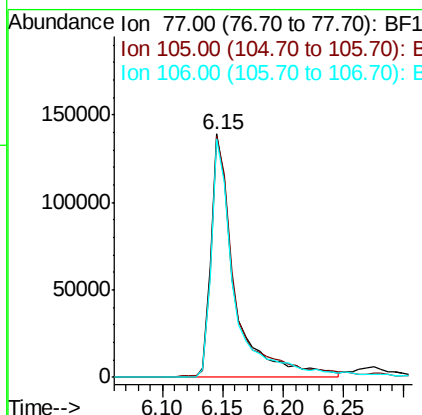
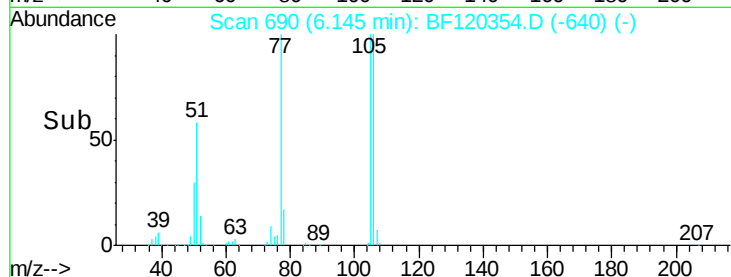
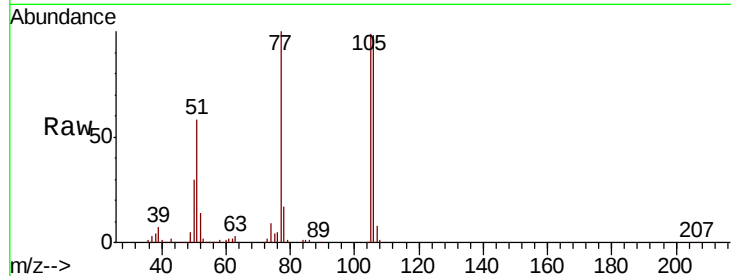
ClientSampleId :

TR-05-051520

Tot Ion:	77	Resp:	186512
Ion Ratio	Lower	Upper	
77	100		
105	98.8	79.9	119.9
106	98.0	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 18.981 ng

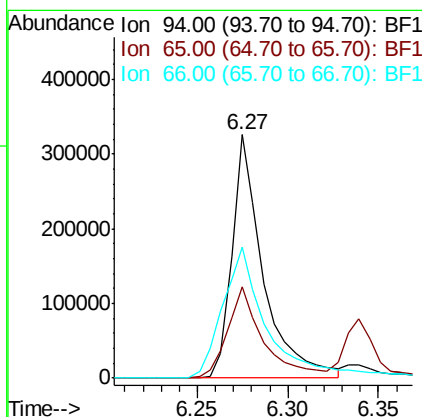
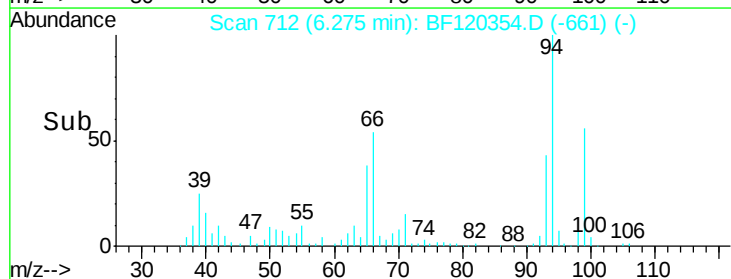
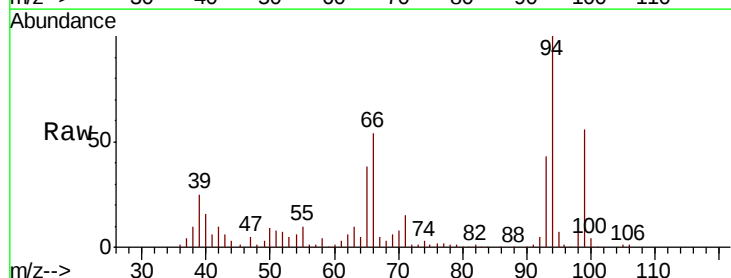
RT: 6.27 min Scan# 712

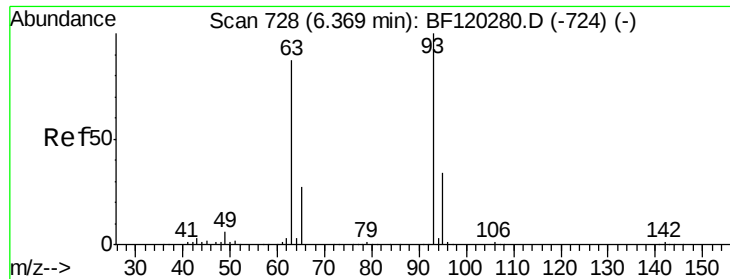
Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	94	Resp:	391770
Ion Ratio	Lower	Upper	
94	100		
65	37.7	24.1	64.1
66	53.8	47.5	87.5





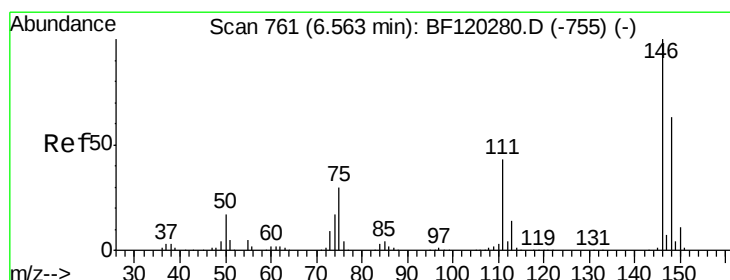
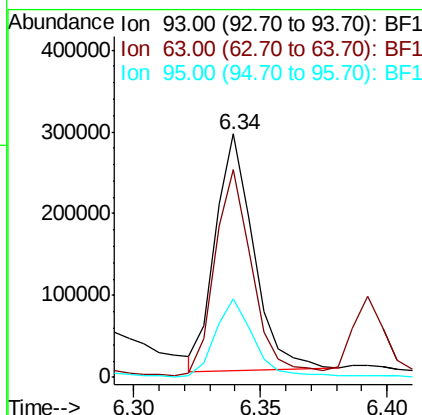
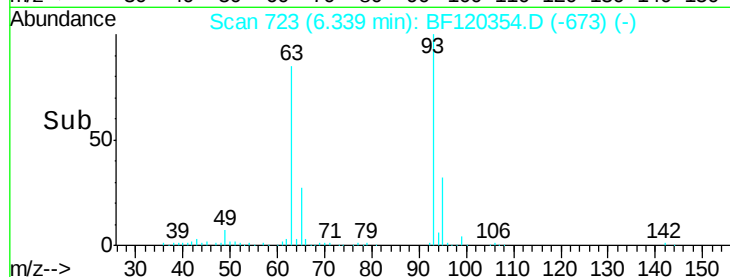
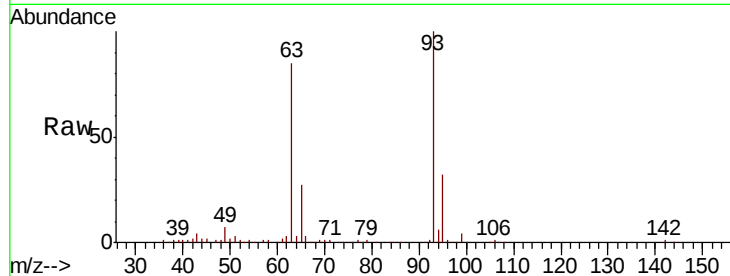
#11
bis(2-Chloroethyl)ether
Concen: 18.424 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion:	93	Resp:	303772
Ion Ratio	Lower	Upper	
93	100		
63	85.2	65.4	105.4
95	32.3	12.9	52.9

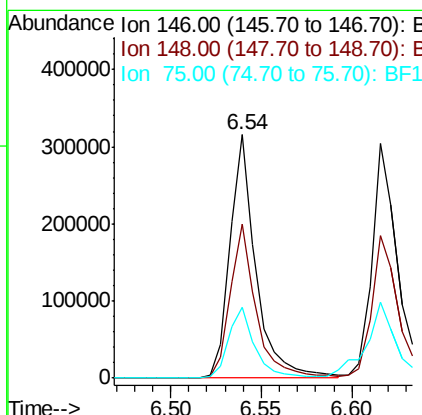
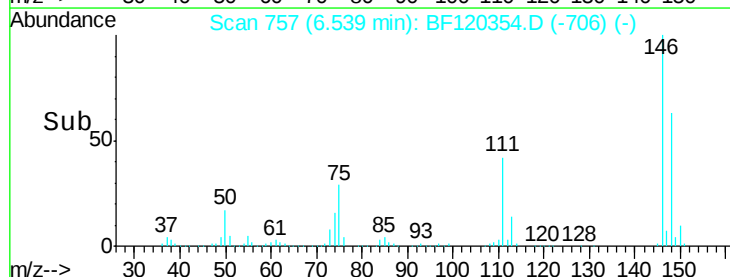
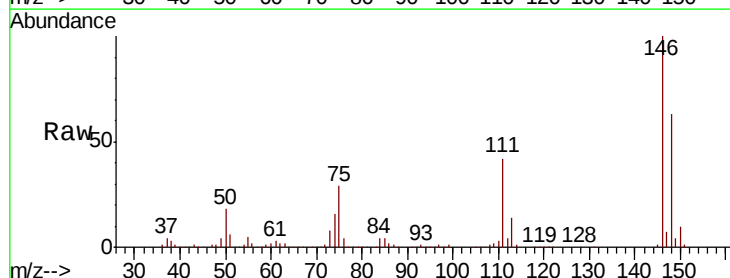
Manual Integrations
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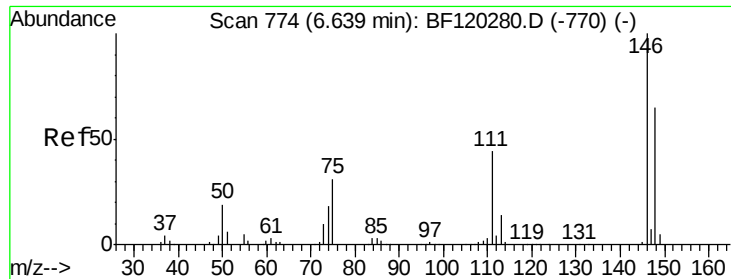
mohammad
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#12
1,3-Dichlorobenzene
Concen: 18.111 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion:	146	Resp:	315929
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.5	75.7
75	29.1	24.2	36.4





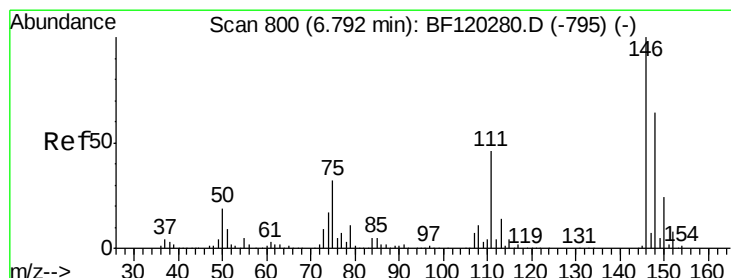
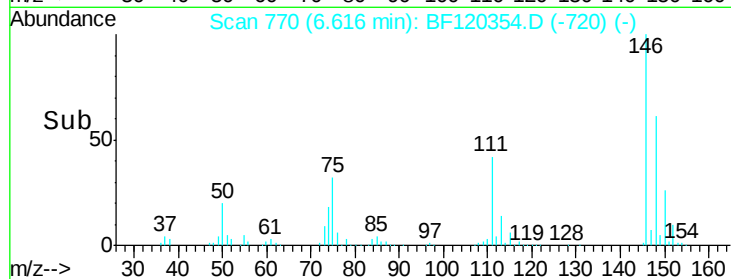
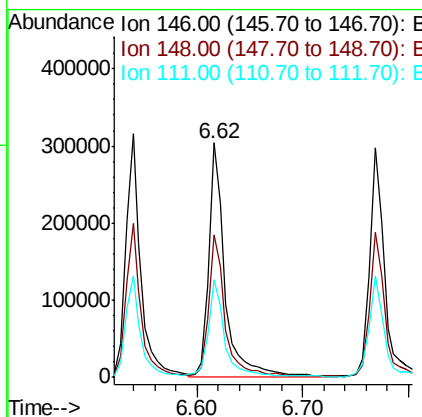
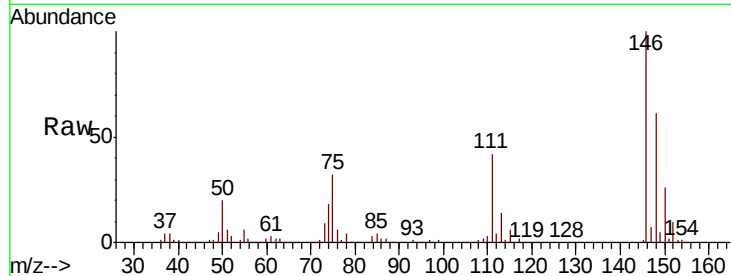
#13
 1,4-Dichlorobenzene
 Concen: 18.296 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.9	51.6	77.4
111	42.0	35.1	52.7

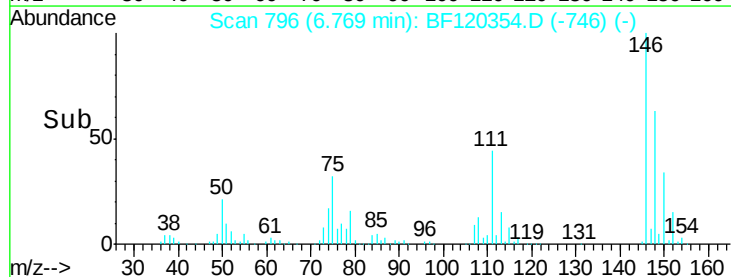
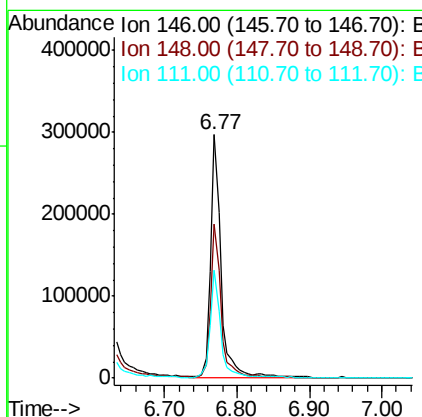
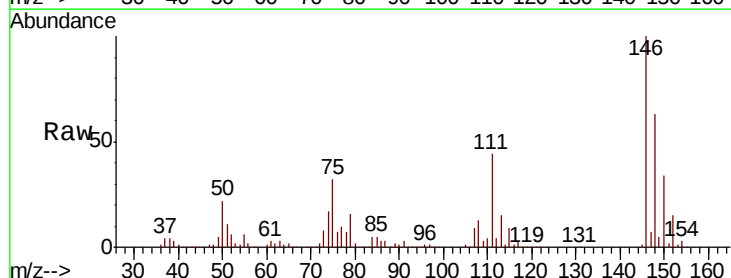
Manual Integrations
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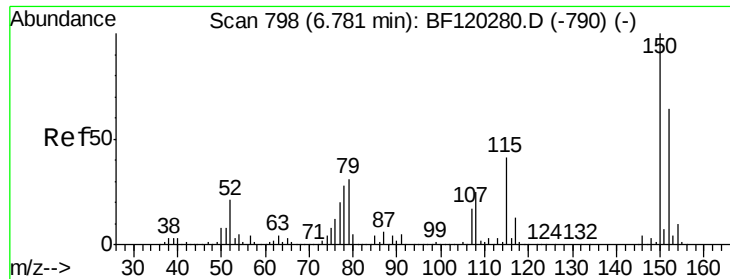
mohammad
 5/19/2020 3:05:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 18.372 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	44.3	36.6	55.0





#15

Benzyl Alcohol

Concen: 18.341 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

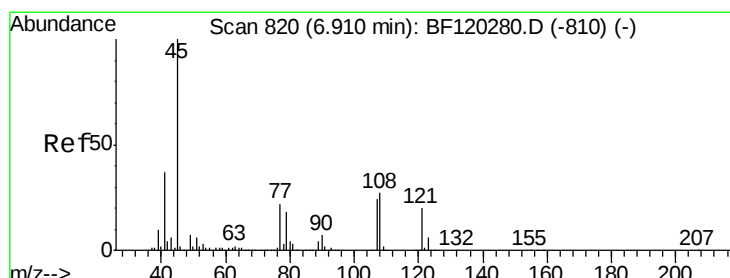
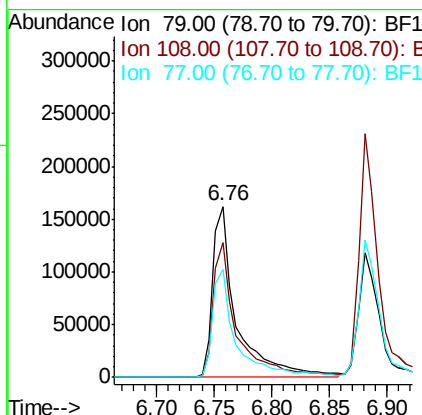
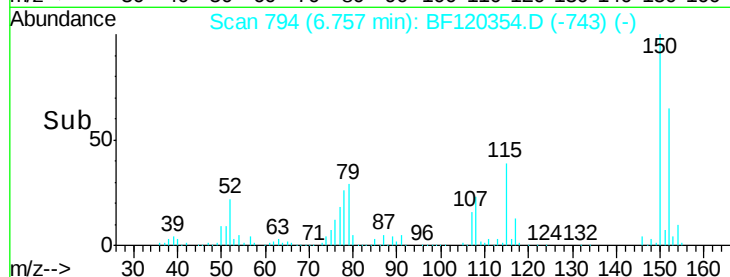
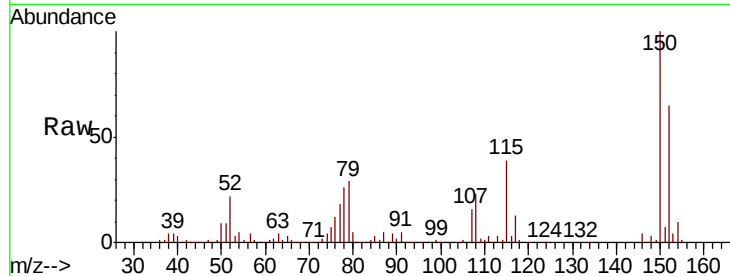
ClientSampleId :

TR-05-051520

Tot Ion:	79	Resp:	230383
Ion Ratio	Lower	Upper	
79	100		
108	78.6	64.2	96.4
77	63.3	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.104 ng

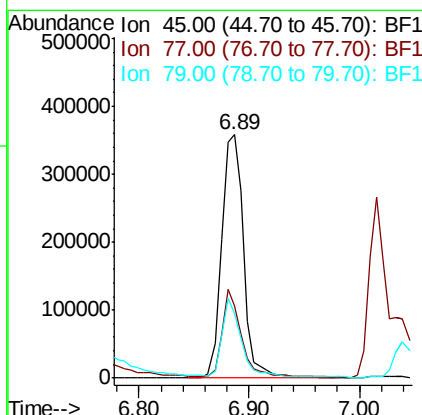
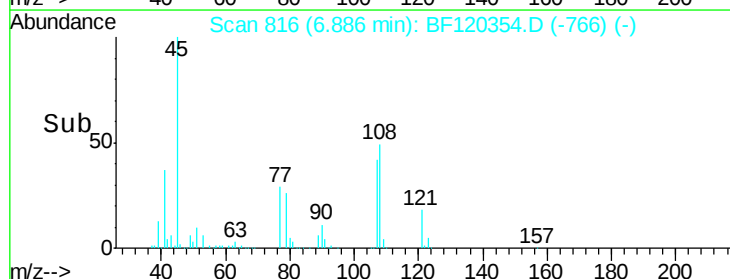
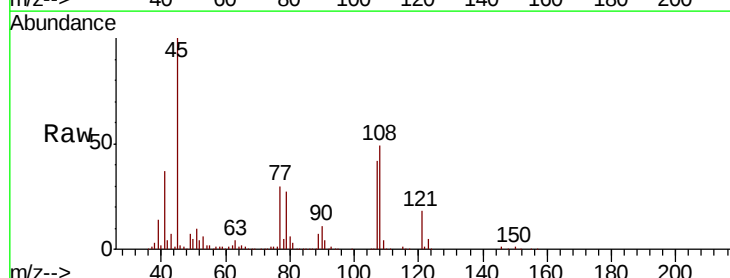
RT: 6.89 min Scan# 816

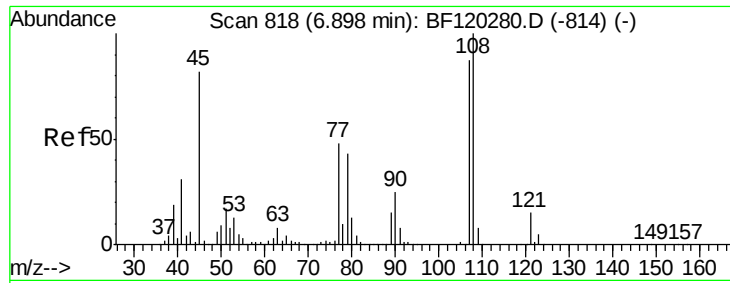
Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	45	Resp:	496380
Ion Ratio	Lower	Upper	
45	100		
77	29.7	3.1	43.1
79	26.6	0.0	40.0





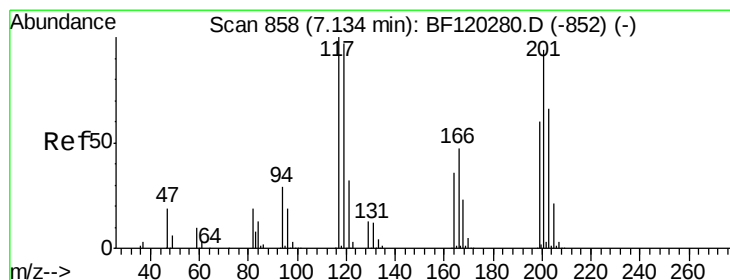
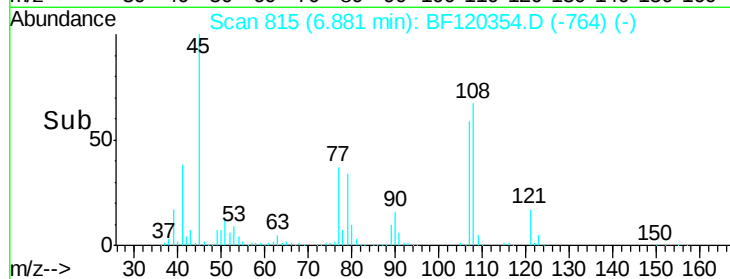
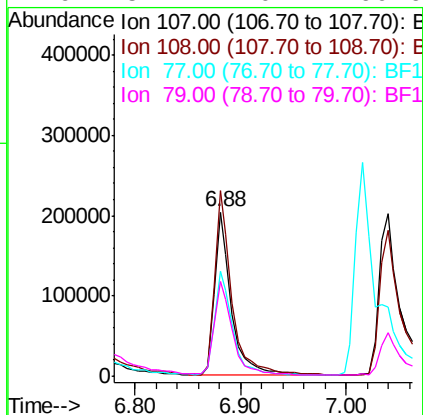
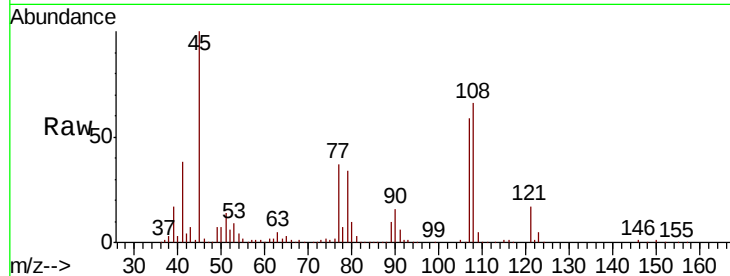
#17
2-Methylphenol
Concen: 16.849 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.4	138.6	
77	63.7	44.5	66.7	
79	57.7	40.4	60.6	

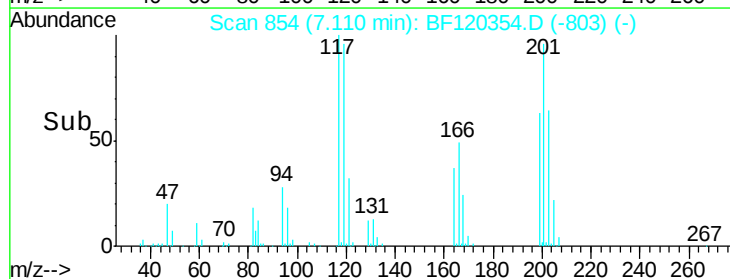
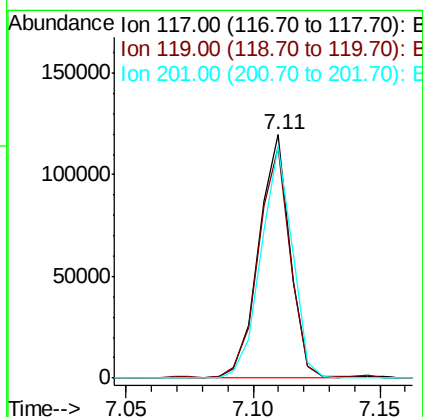
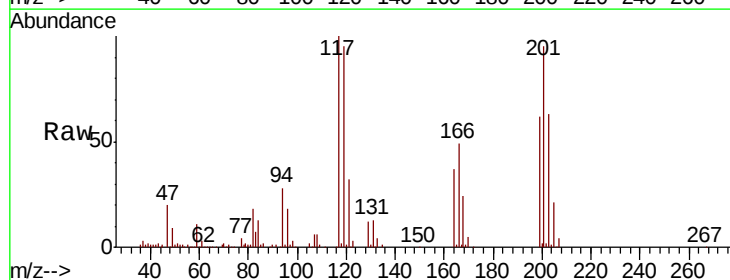
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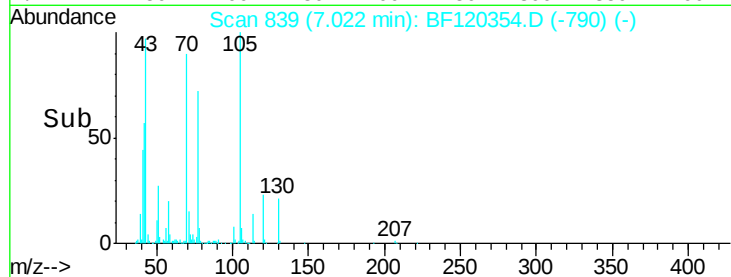
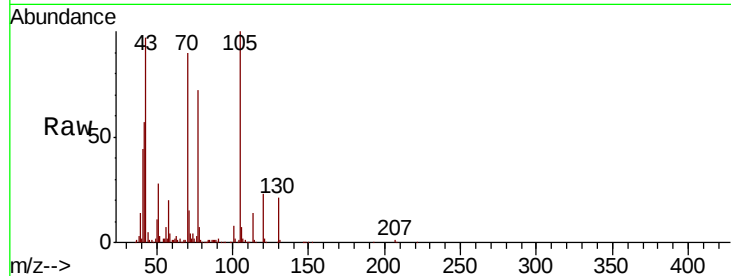
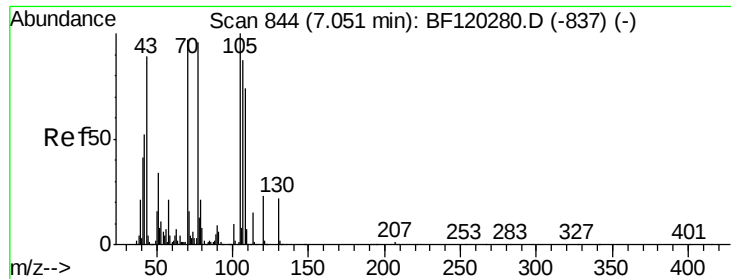
mohammad
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#18
Hexachloroethane
Concen: 15.102 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.4	116.0	
201	95.3	74.9	112.3	





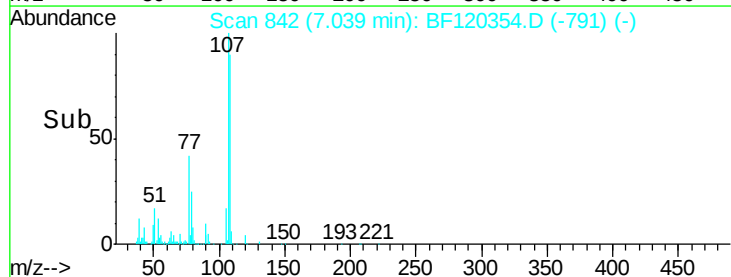
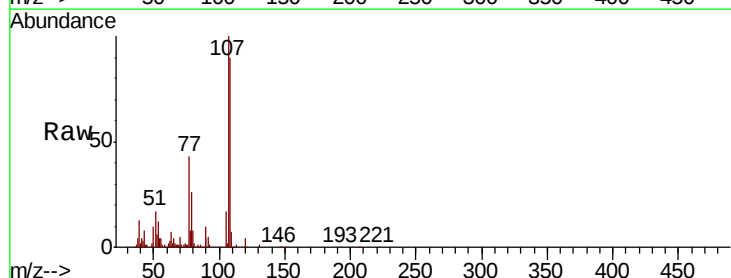
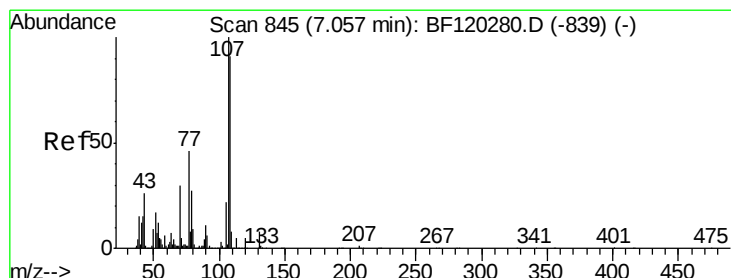
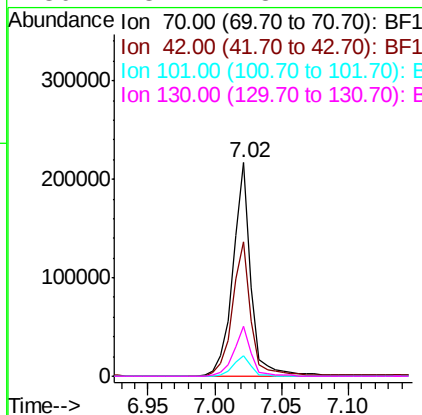
#19
n-Nitroso-di-n-propylamine
Concen: 17.842 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		206677		
42	63.1	43.4	65.0		
101	9.4	7.8	11.8		
130	23.7	18.2	27.4		

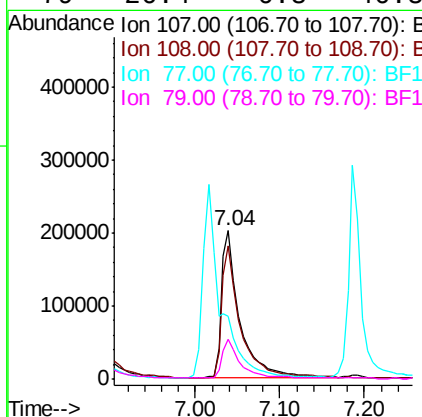
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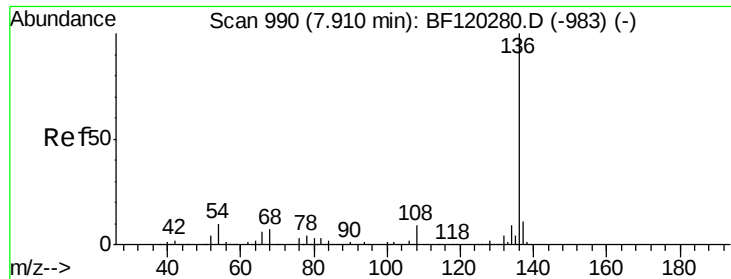
mohammad
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#20
3+4-Methylphenols
Concen: 17.352 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		310478		
108	89.8	71.1	111.1		
77	42.7	28.1	68.1		
79	26.4	6.8	46.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

ClientSampleId :

TR-05-051520

Tot Ion:136 Resp: 1010268

Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.5 7.9 11.9

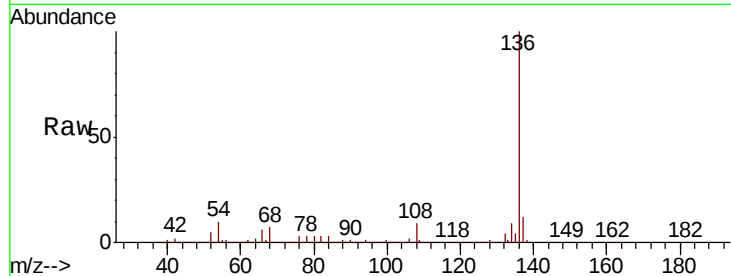
68 6.7 5.4 8.2

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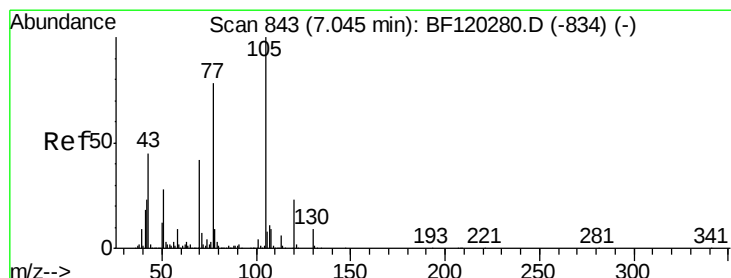
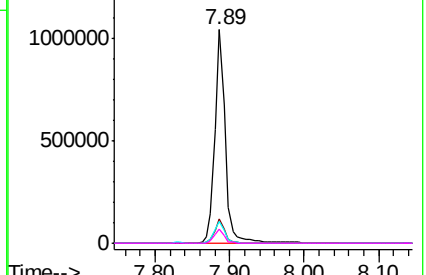
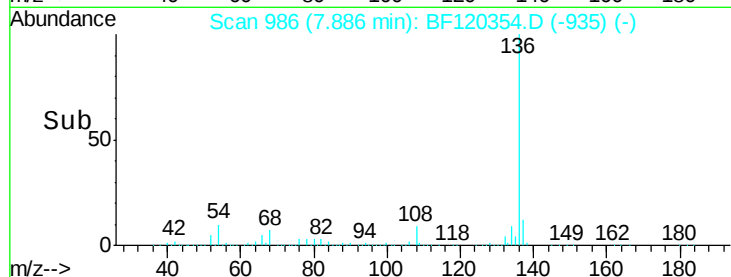


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.168 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:105 Resp: 417414

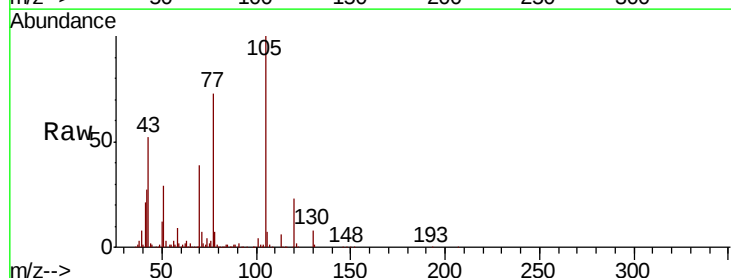
Ion Ratio Lower Upper

105 100

71 6.7 5.6 8.4

51 29.4 22.6 34.0

120 23.1 18.7 28.1

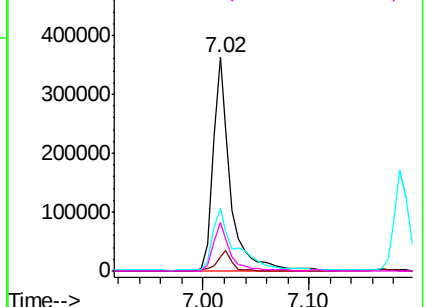
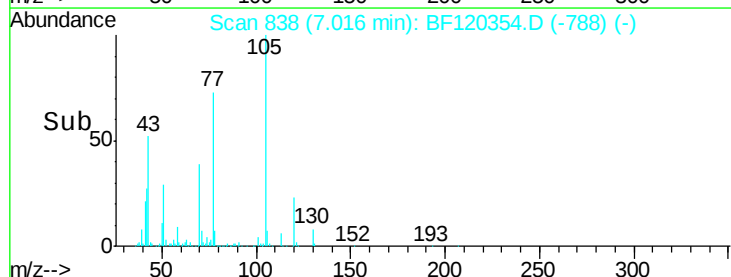


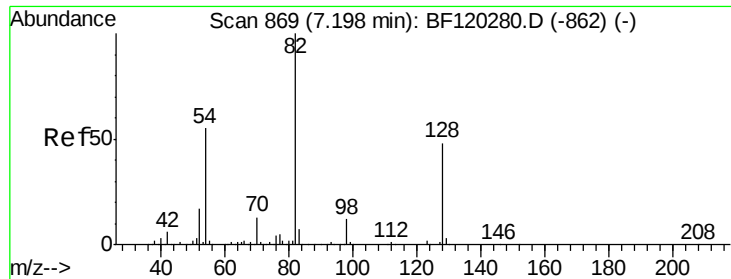
Abundance Ion 105.00 (104.70 to 105.70): E

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





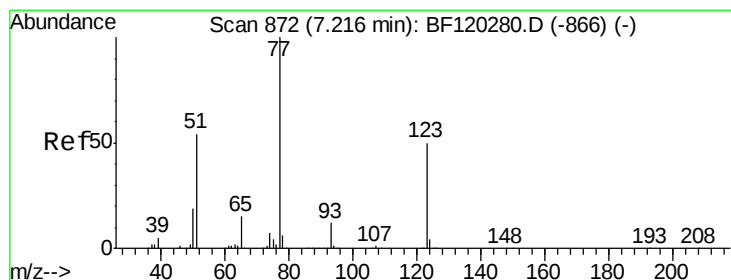
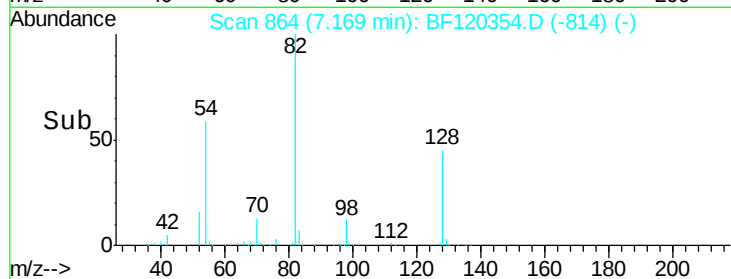
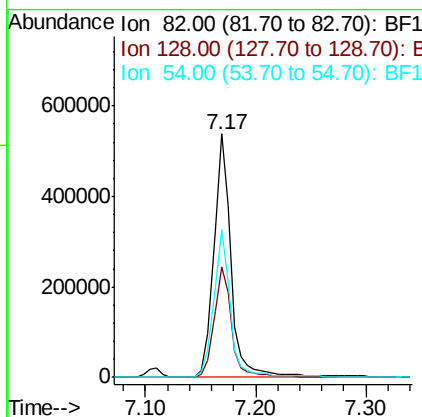
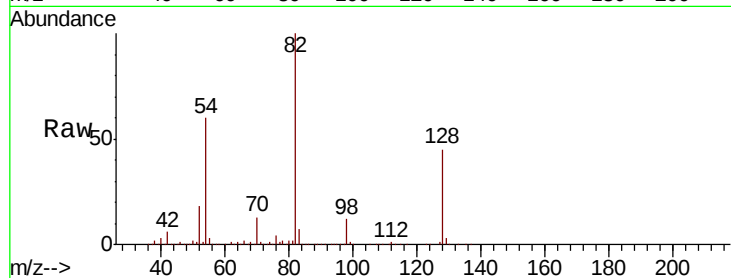
#23
 Nitrobenzene-d5
 Concen: 39.021 ng
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
82	100	575784		
128	45.3		38.3	57.5
54	60.4		43.9	65.9

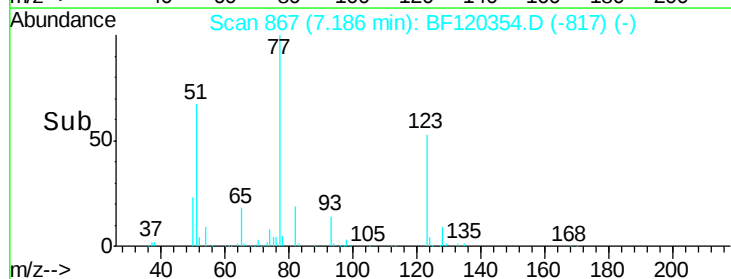
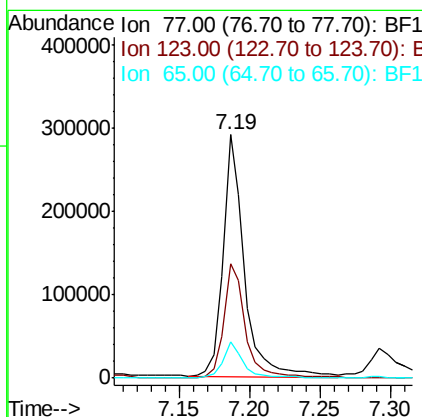
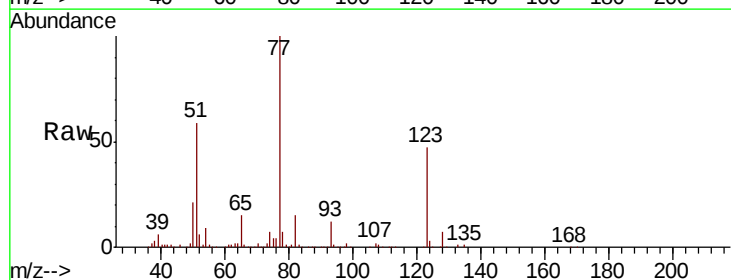
Manual Integrations
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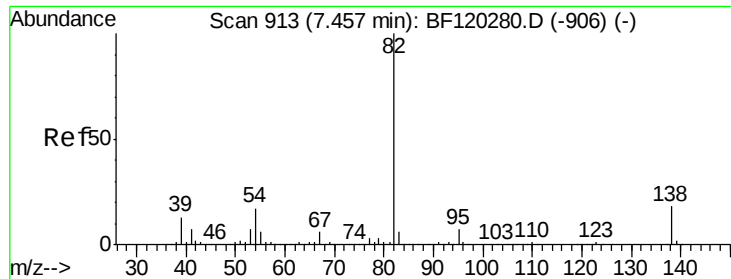
mohammad
 5/19/2020 3:05:37 PM



#24
 Nitrobenzene
 Concen: 19.329 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	306944		
123	47.2		40.0	60.0
65	14.8		11.7	17.5





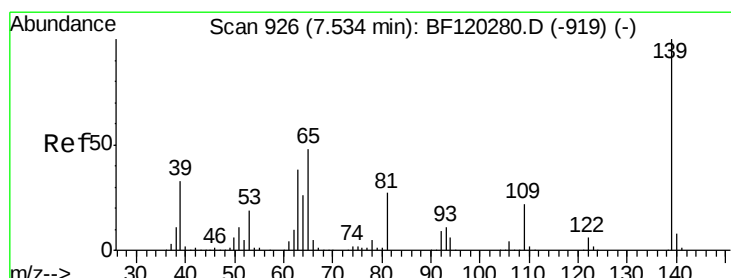
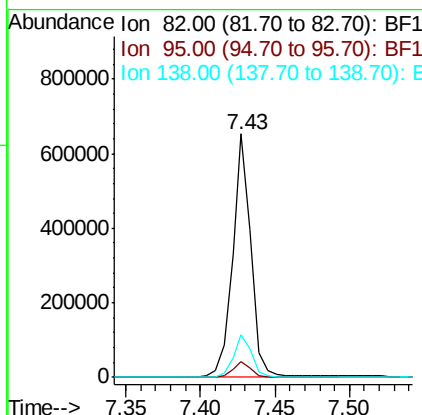
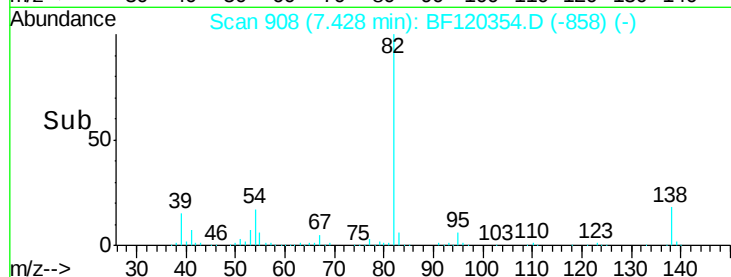
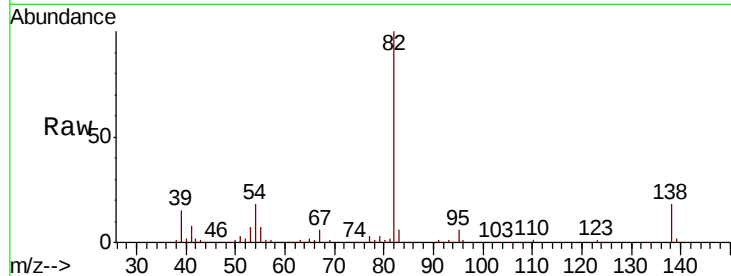
#25
Isophorone
Concen: 18.312 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
82	100	562209		
95	6.3		5.4	8.0
138	17.5		14.7	22.1

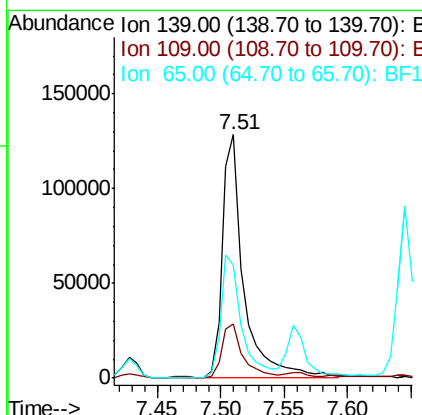
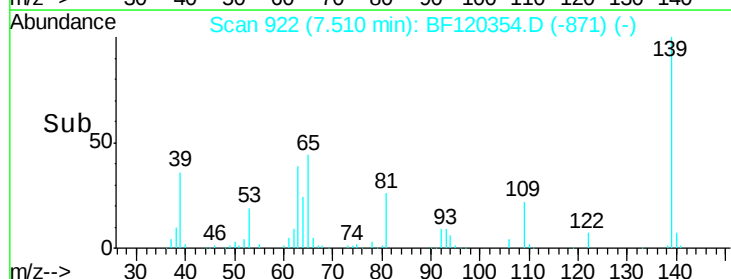
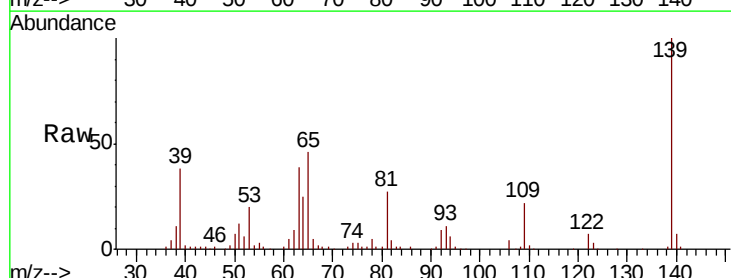
Manual Integrations
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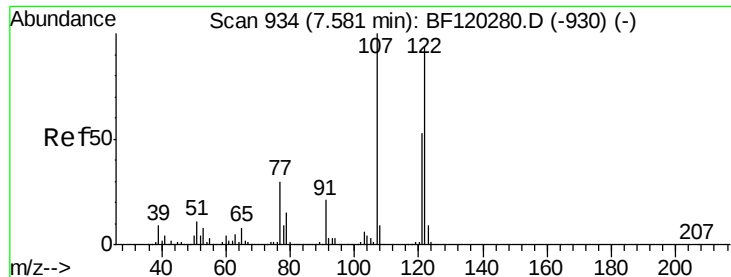
mohammad
5/19/2020 3:05:37 PM



#26
2-Nitrophenol
Concen: 18.259 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	151648		
109	22.2		17.7	26.5
65	46.3		38.3	57.5





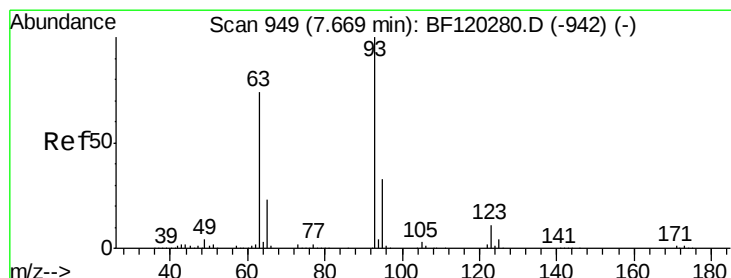
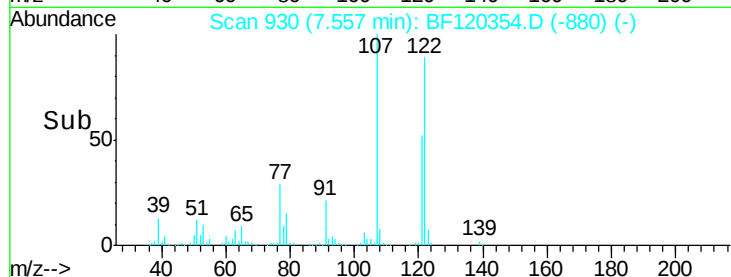
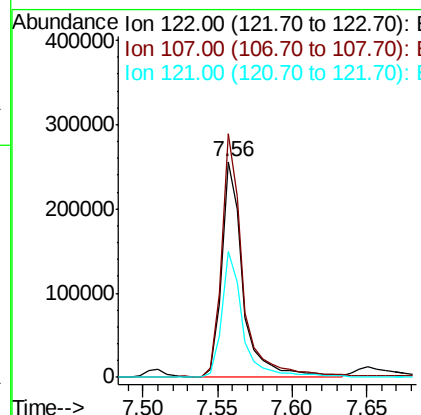
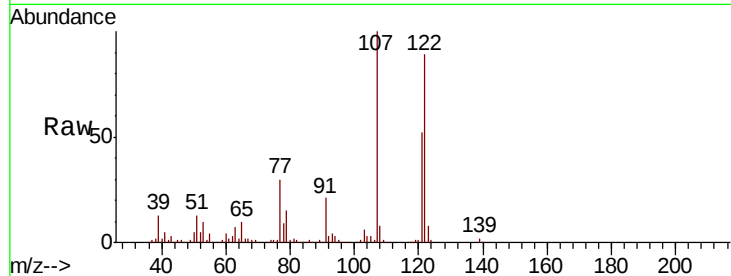
#27
2,4-Dimethylphenol
Concen: 20.982 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
122	100	253497		
107	113.0	85.0	127.6	
121	58.7	45.1	67.7	

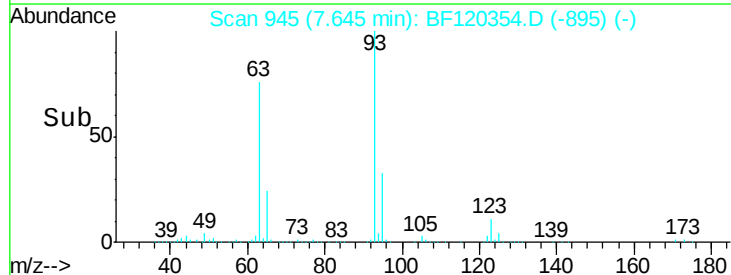
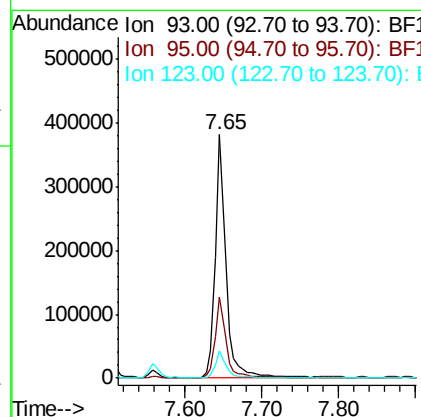
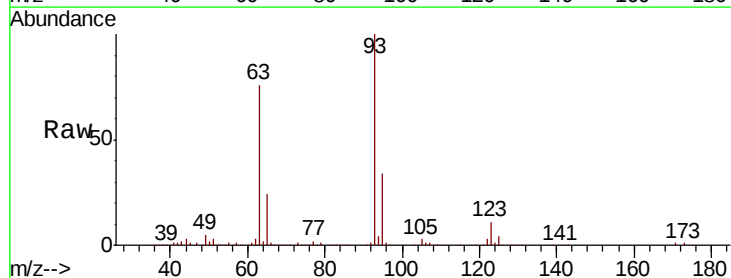
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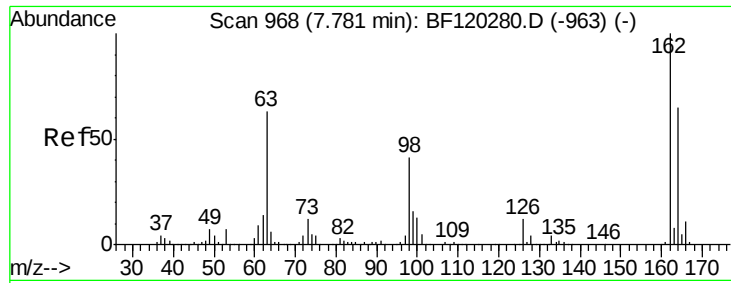
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 18.885 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	364431		
95	33.5	26.8	40.2	
123	11.0	9.2	13.8	





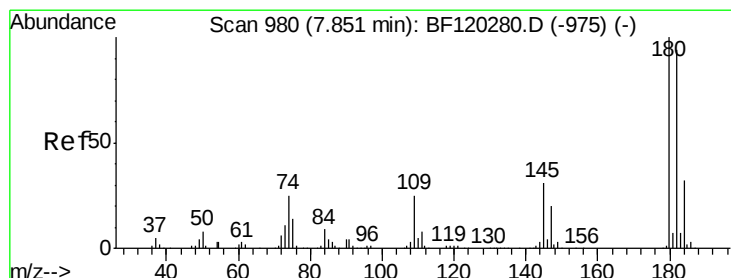
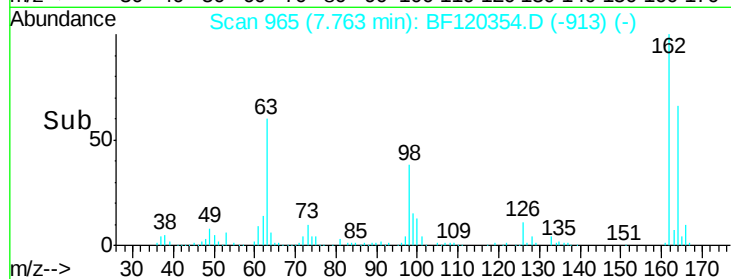
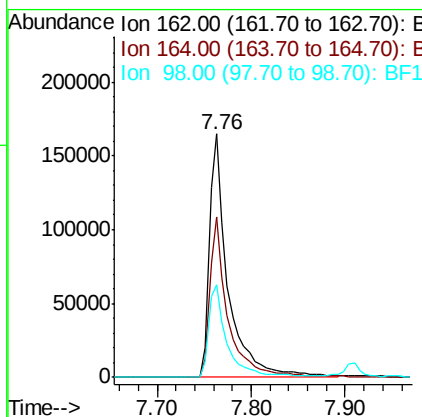
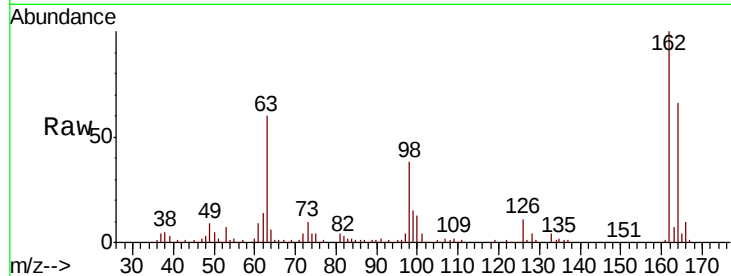
#29
2,4-Dichlorophenol
Concen: 18.487 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		229398		
164	65.8	44.9	84.9		
98	38.0	20.7	60.7		

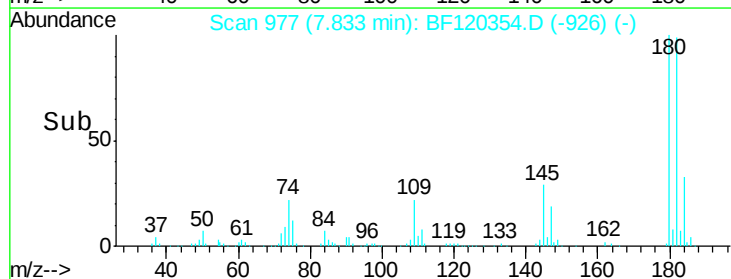
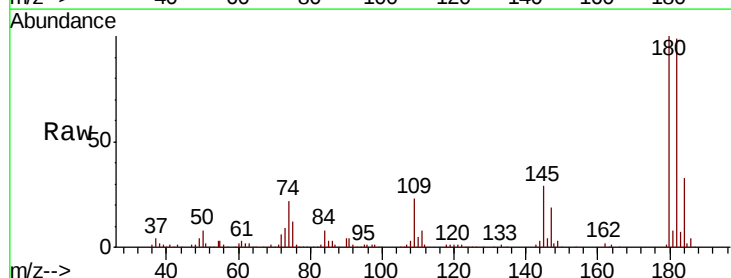
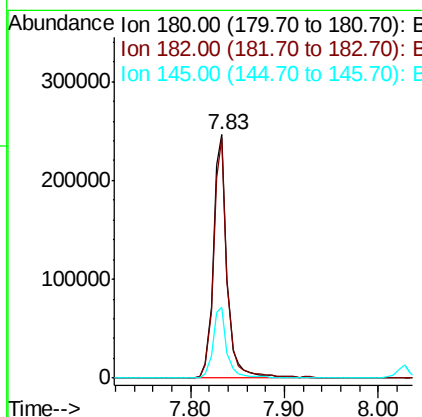
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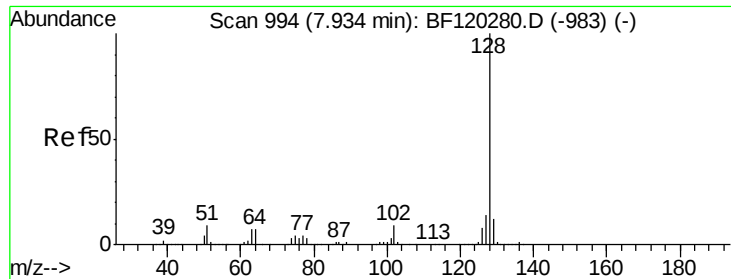
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#30
1,2,4-Trichlorobenzene
Concen: 18.833 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		258955		
182	98.5	75.3	112.9		
145	29.1	24.9	37.3		





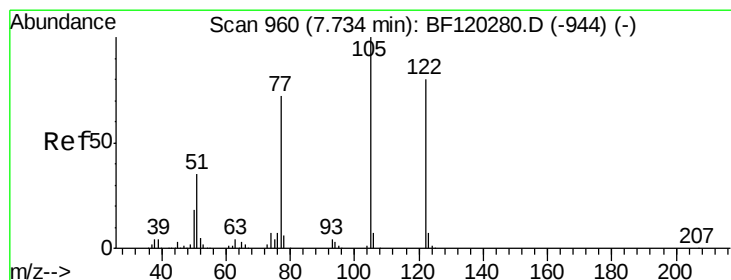
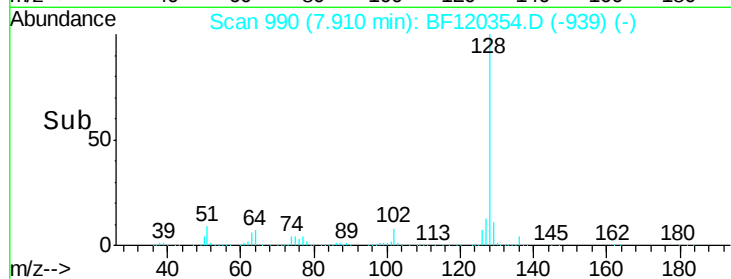
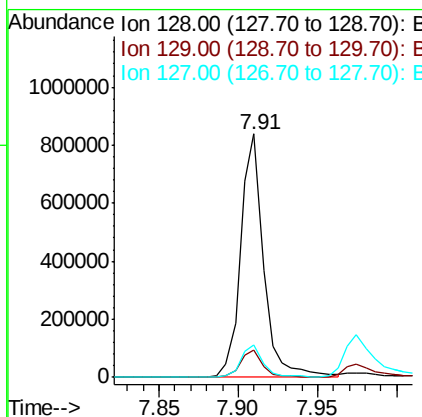
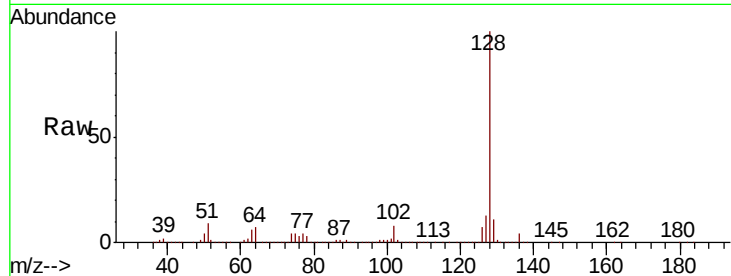
#31
Naphthalene
Concen: 19.858 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.3	11.2	16.8

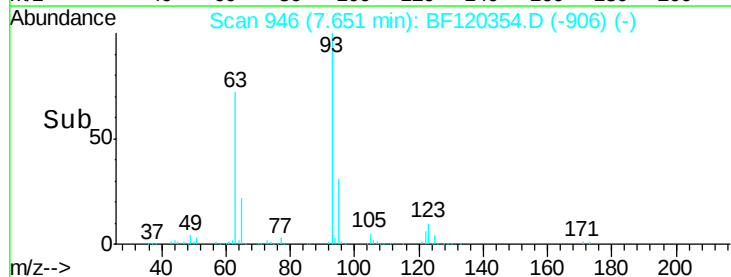
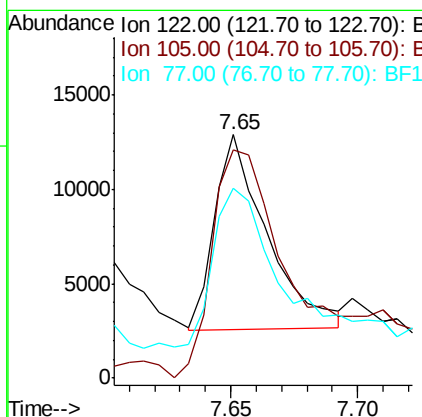
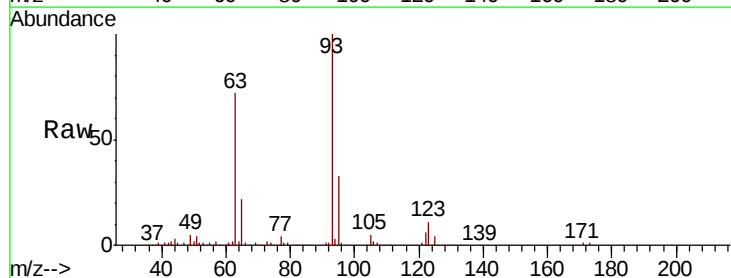
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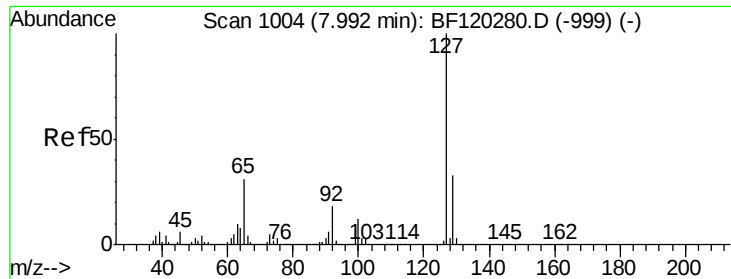
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#32
Benzoic acid
Concen: 1.869 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.06 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	93.5	98.1	138.1#
77	78.0	66.7	106.7





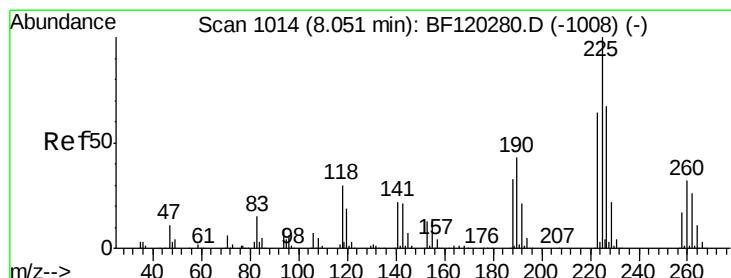
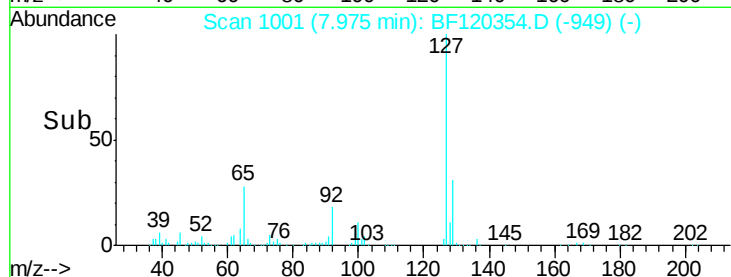
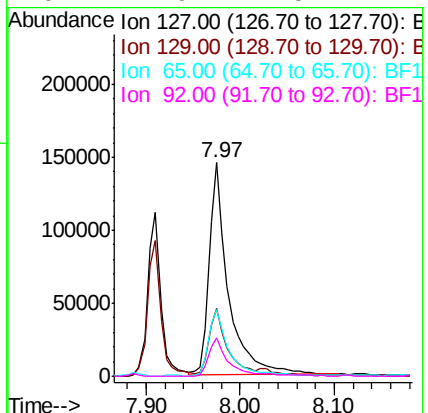
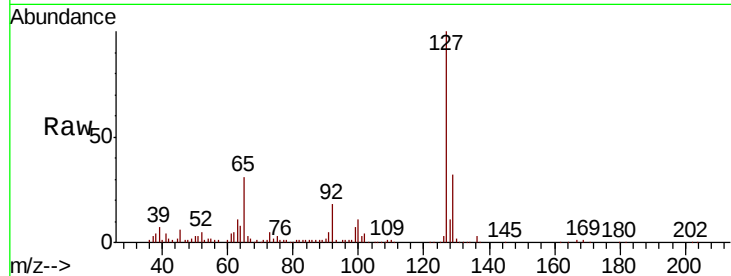
#33
4-Chloroaniline
Concen: 10.806 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		209967		
129	31.9	26.4	39.6		
65	31.1	24.8	37.2		
92	17.9	14.5	21.7		

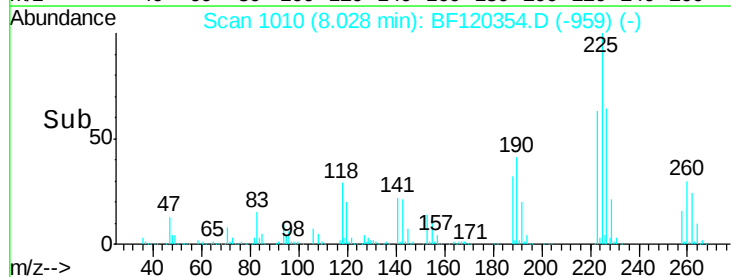
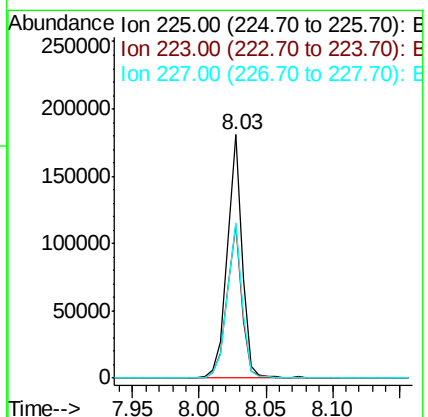
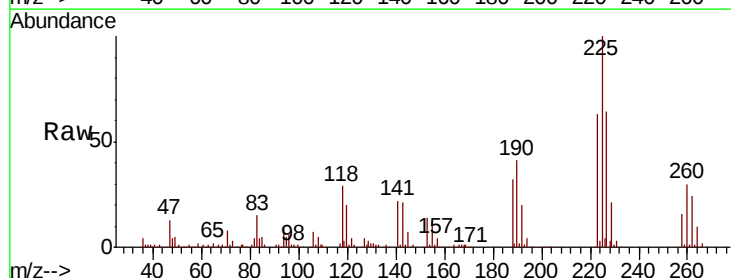
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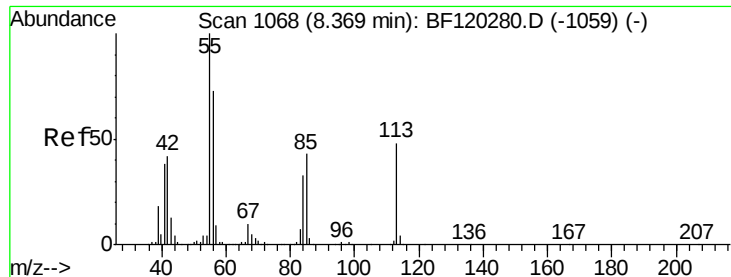
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#34
Hexachlorobutadiene
Concen: 18.251 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		145052		
223	62.5	51.4	77.0		
227	63.5	54.0	81.0		





#35

Caprolactam

Concen: 14.866 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.04 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

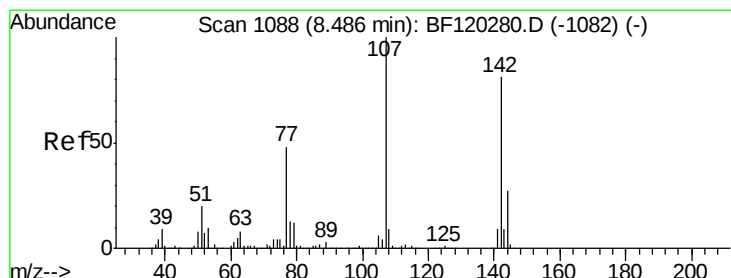
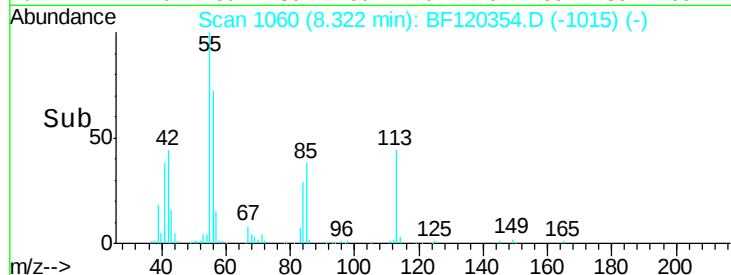
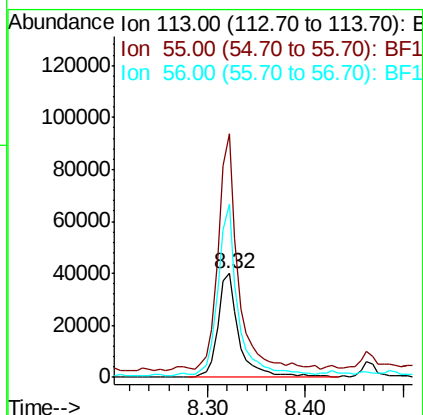
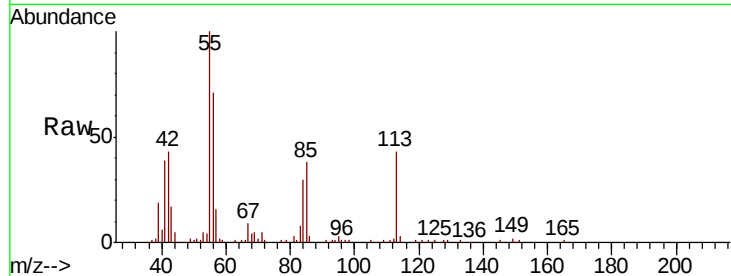
ClientSampleId :

TR-05-051520

Tot Ion:113 Resp: 60347
 Ion Ratio Lower Upper
 113 100
 55 234.3 190.4 230.4#
 56 167.0 132.7 172.7

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#36

4-Chloro-3-methylphenol

Concen: 16.623 ng

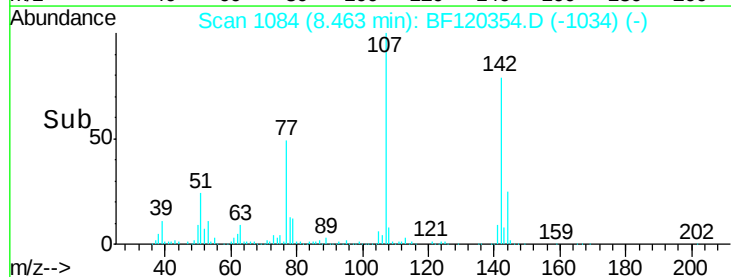
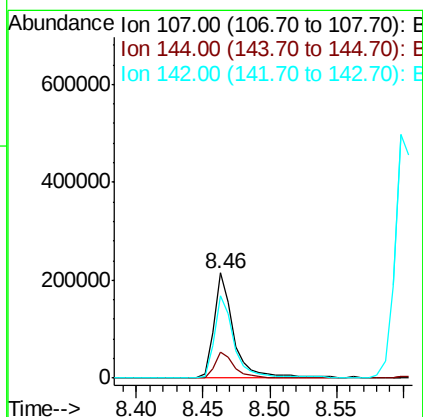
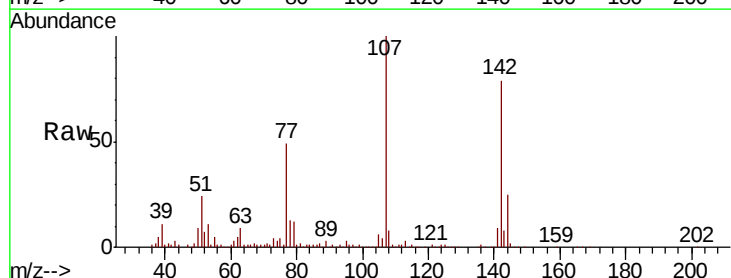
RT: 8.46 min Scan# 1084

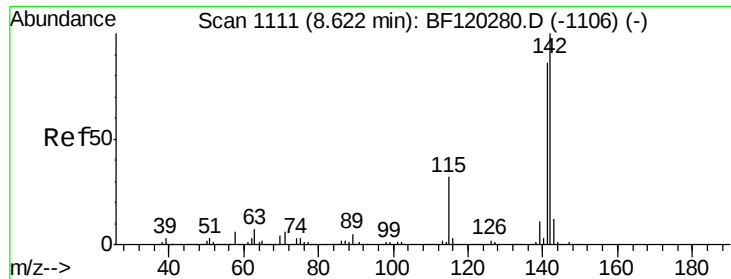
Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:107 Resp: 223136
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.4 32.2
 142 78.7 65.1 97.7





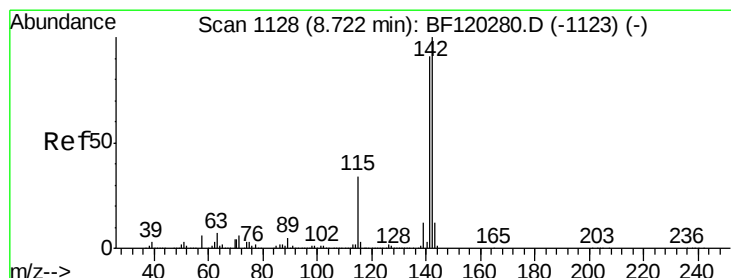
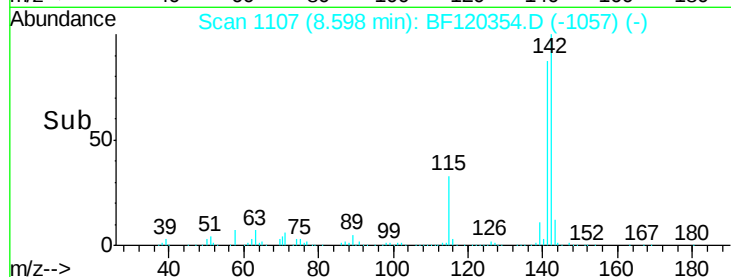
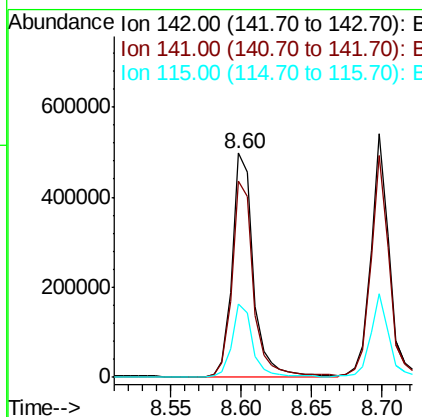
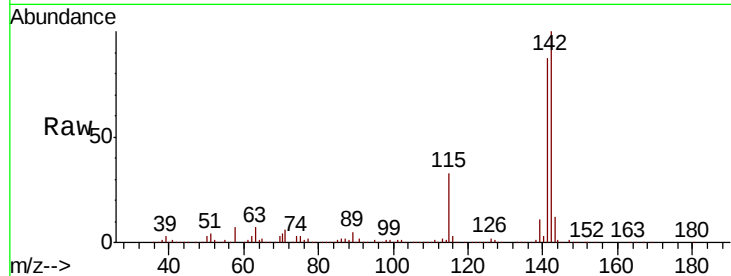
#37
2-Methylnaphthalene
Concen: 17.927 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	68.8	103.2
115	32.5	25.7	38.5

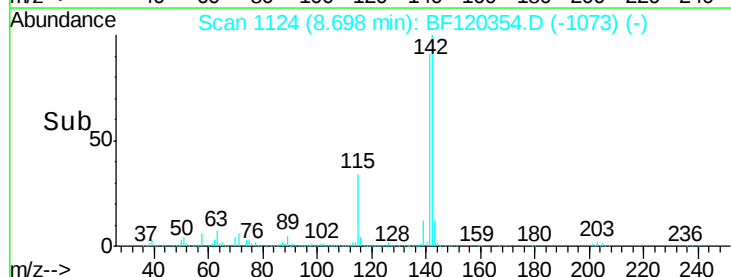
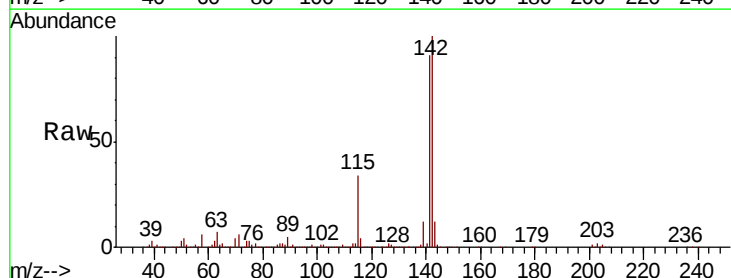
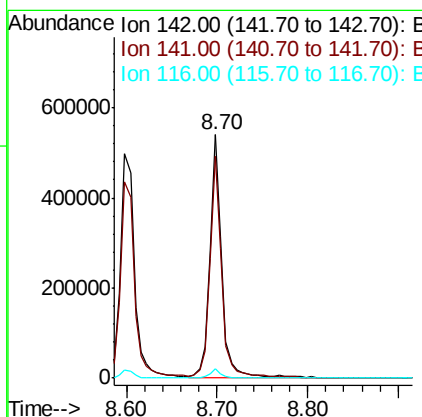
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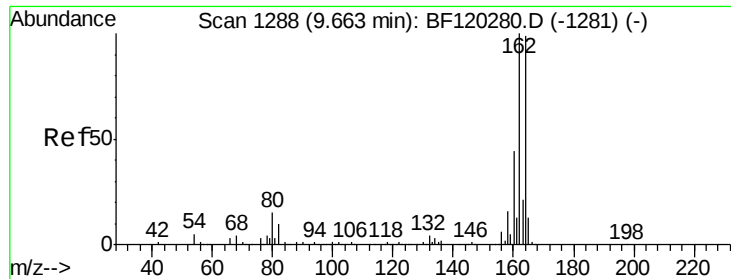
mohammad
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#38
1-Methylnaphthalene
Concen: 17.585 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.6
116	3.6	2.7	4.1





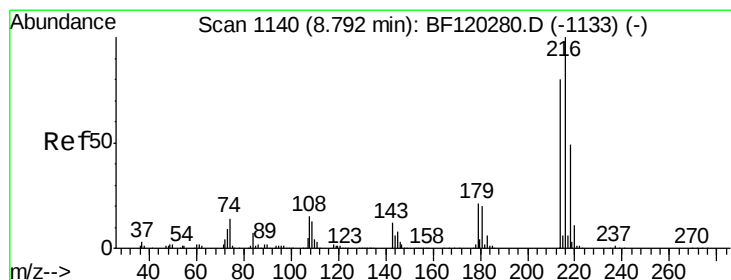
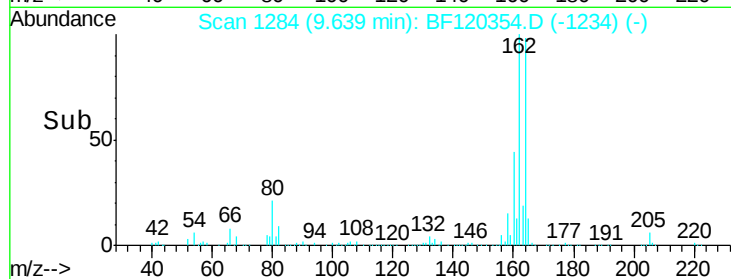
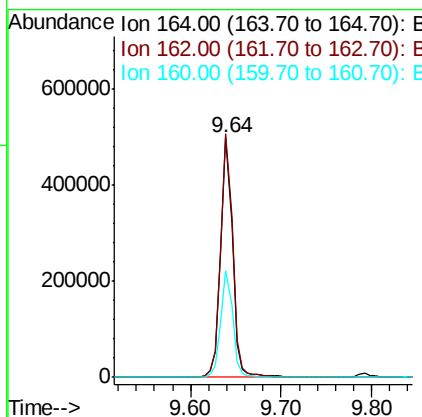
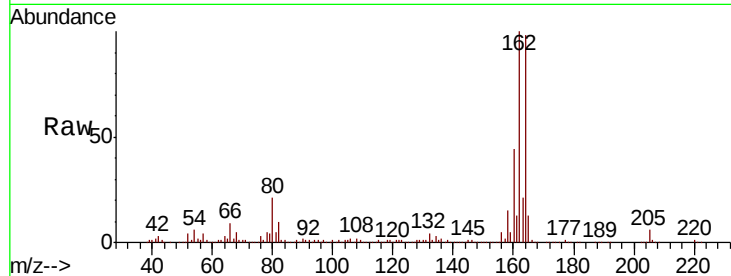
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	44.3	35.8	53.6

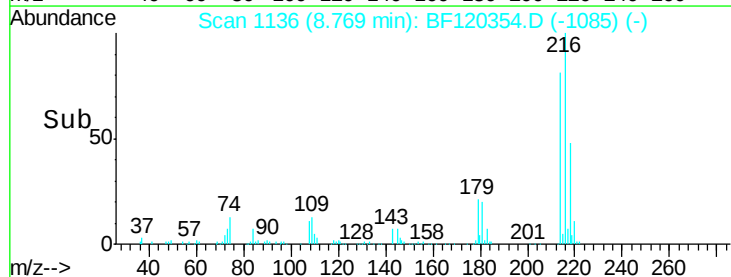
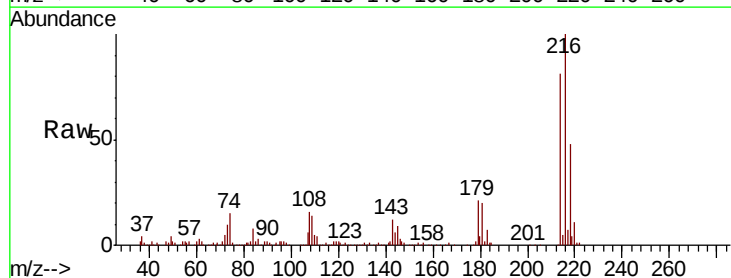
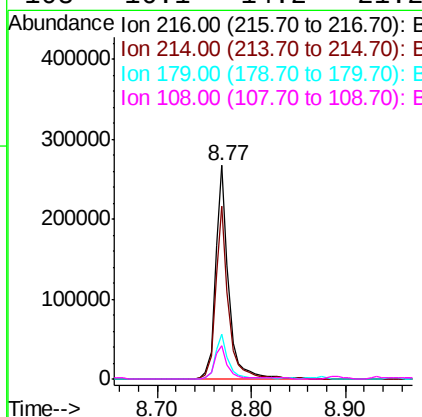
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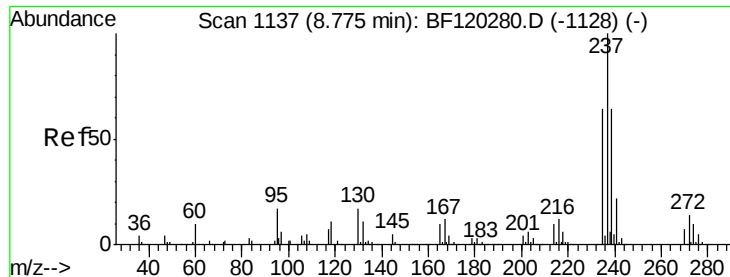
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.745 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.0	96.0
179	20.1	16.9	25.3
108	16.1	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 9.342 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

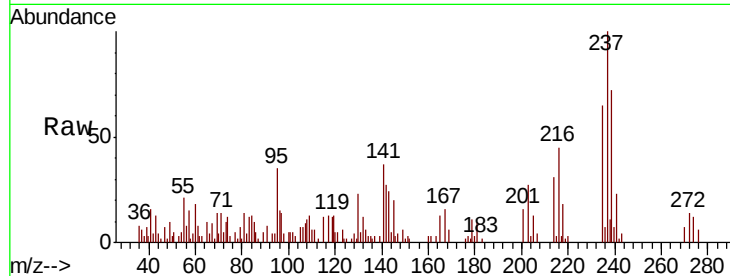
ClientSampleId :

TR-05-051520

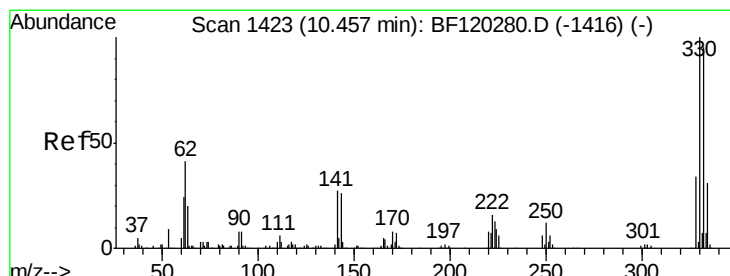
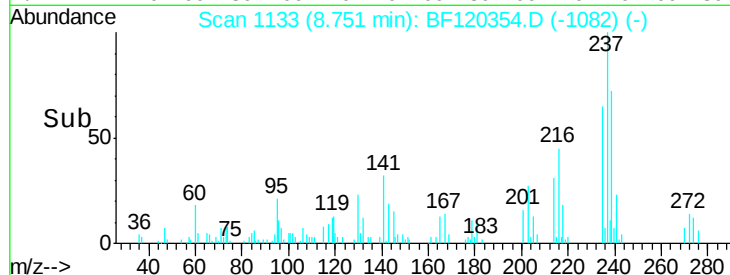
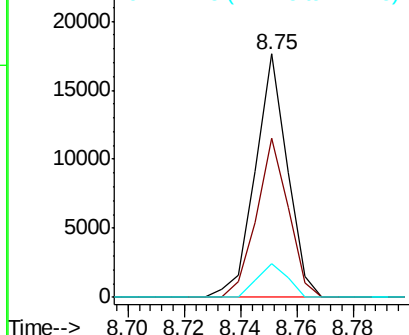
Tot Ion:	237	Resp:	13953
Ion Ratio	Lower	Upper	
237	100		
235	65.5	43.8	83.8
272	14.0	0.0	33.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 46.849 ng

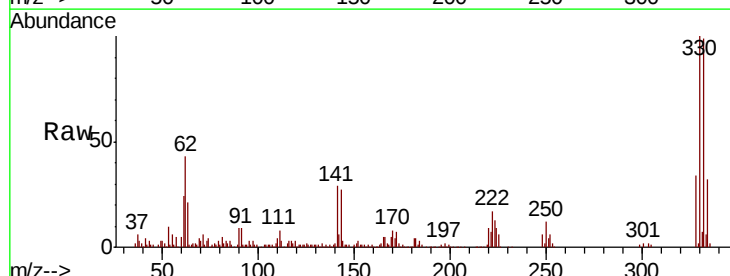
RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

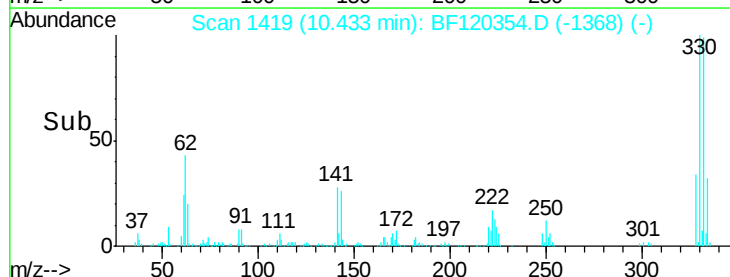
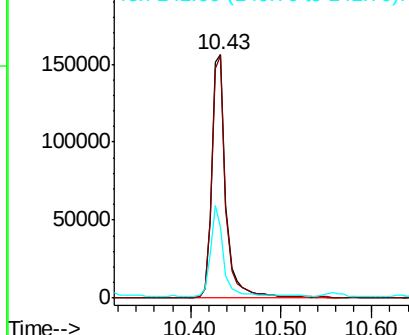
Lab File: BF120354.D

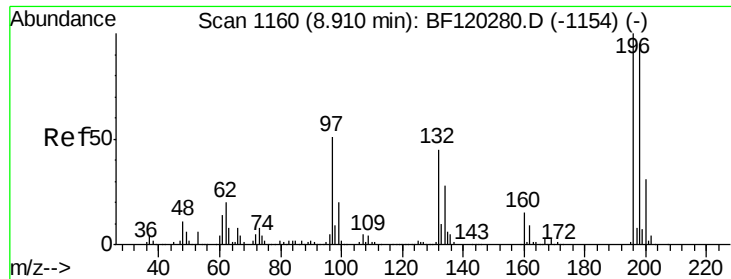
Acq: 18 May 2020 20:55

Tgt Ion:	330	Resp:	173120
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.5	114.7
141	33.5	25.4	38.0



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





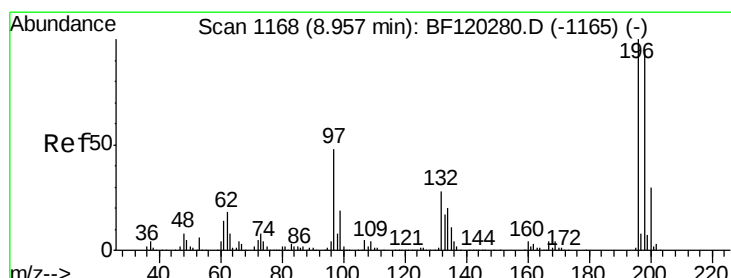
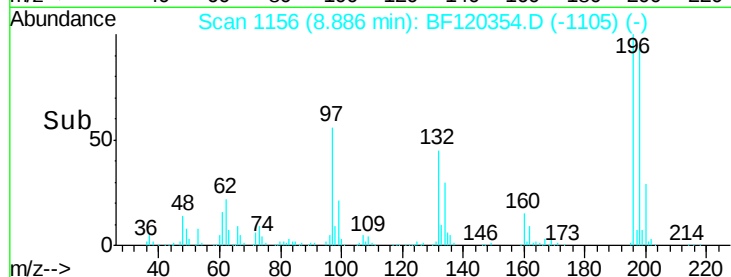
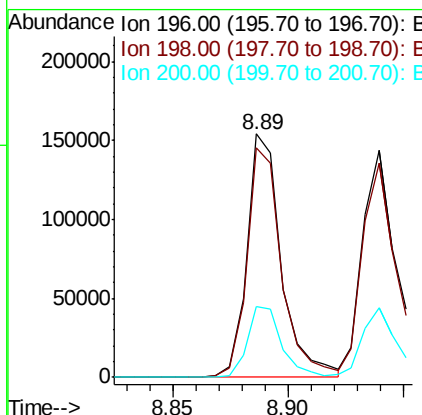
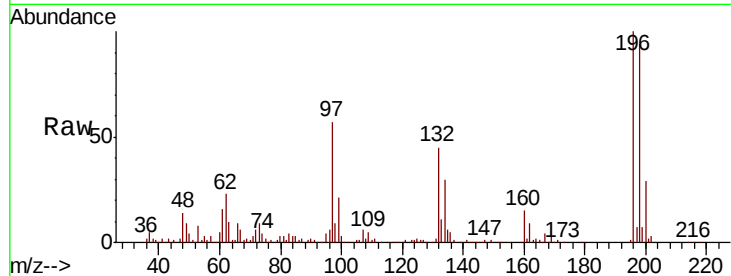
#43
 2,4,6-Trichlorophenol
 Concen: 20.958 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion:	196	Resp:	160766
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.2	114.4
200	28.8	24.9	37.3

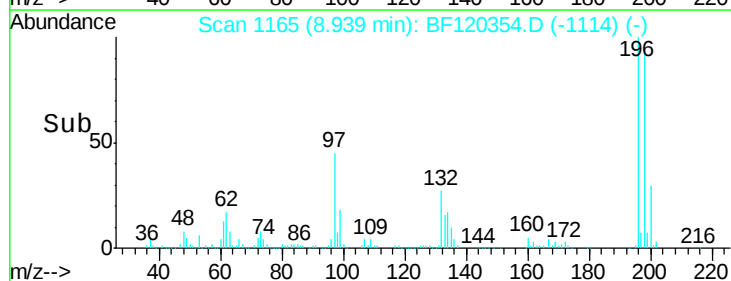
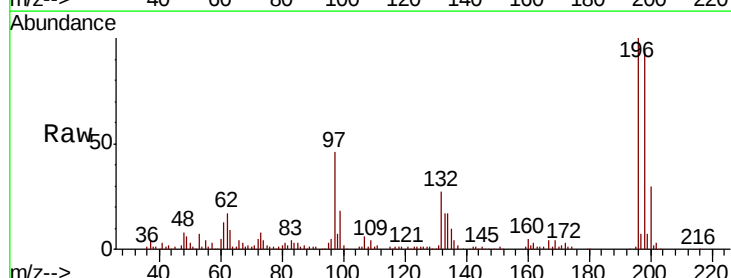
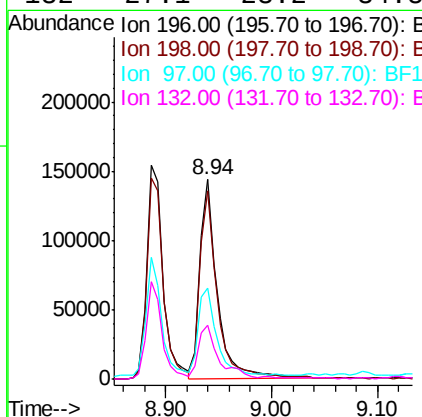
Manual Integrations
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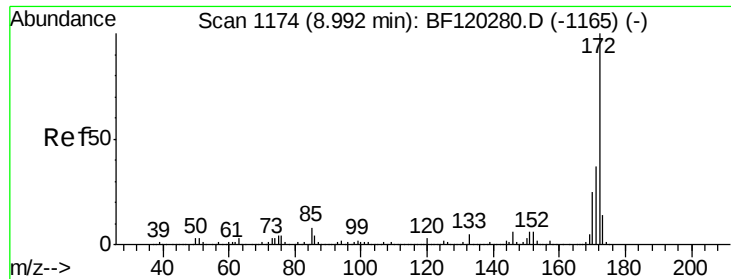
mohammad
 5/19/2020 3:05:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 18.516 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion:	196	Resp:	163113
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.2	114.4
97	45.9	38.6	57.8
132	27.1	23.2	34.8





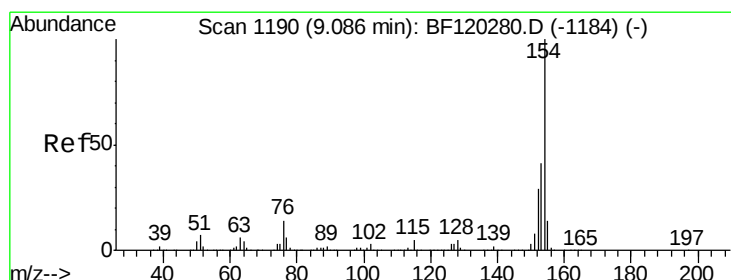
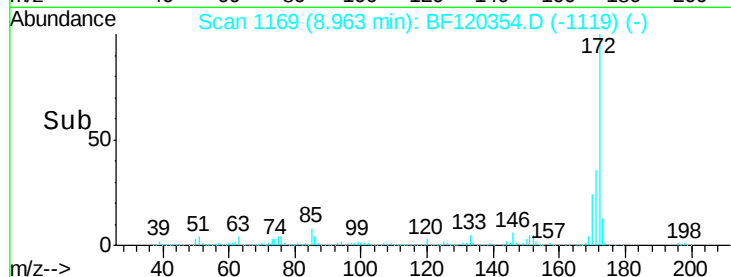
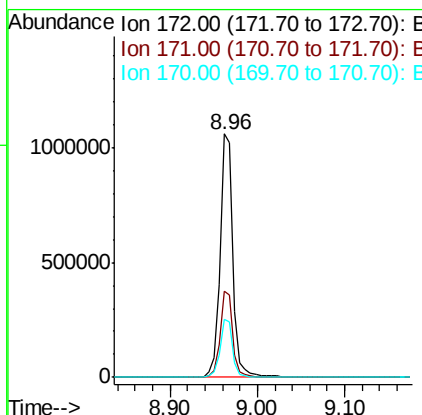
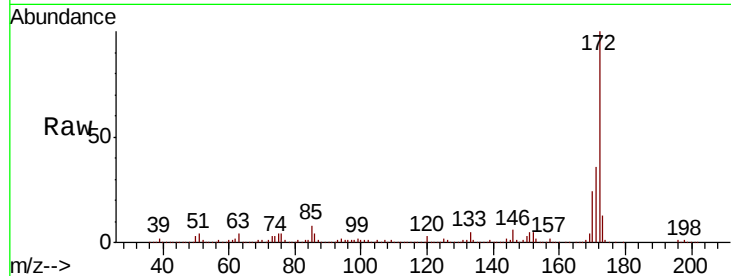
#45
2-Fluorobiphenyl
Concen: 49.230 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.9	29.9

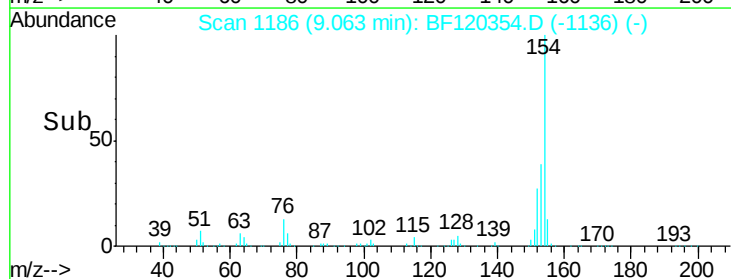
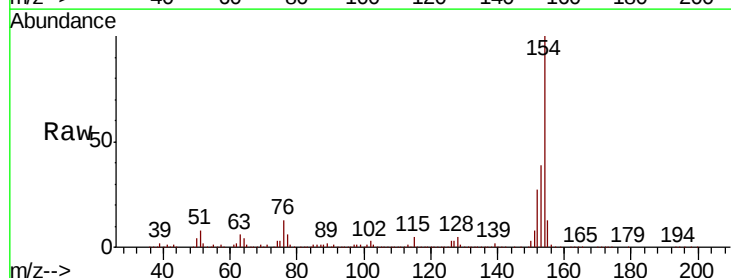
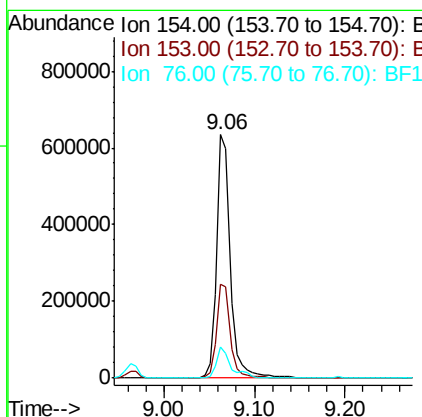
Manual Integrations
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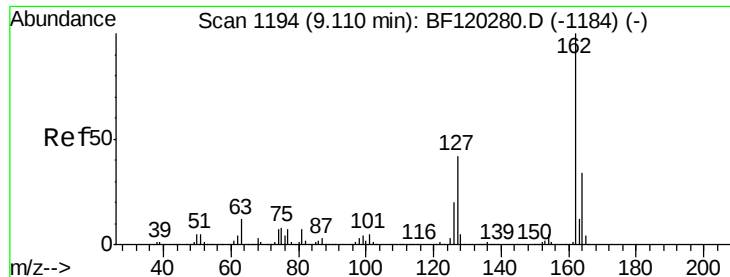
mohammad
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#46
1,1'-Biphenyl
Concen: 22.348 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	20.8	60.8
76	12.8	0.0	34.3





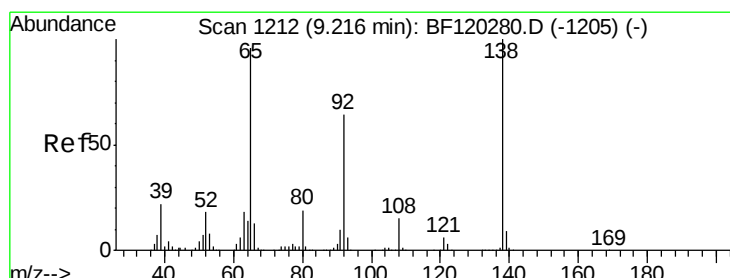
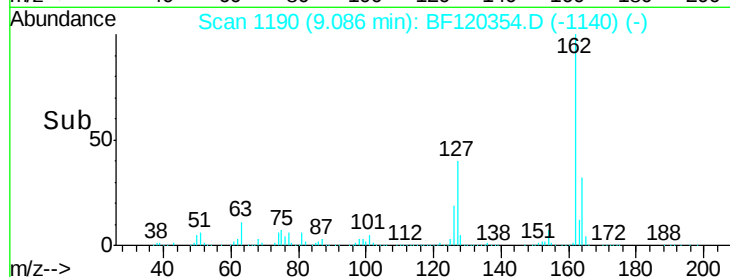
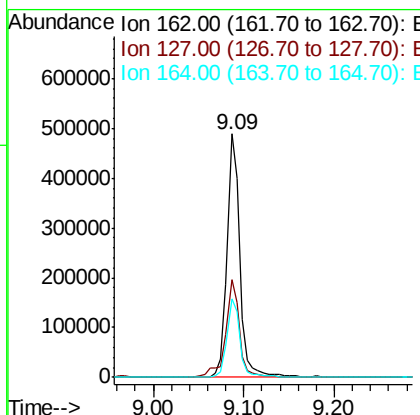
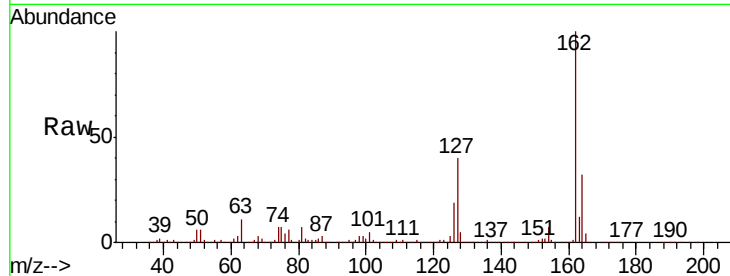
#47
 2-Chloronaphthalene
 Concen: 20.082 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion:	162	Resp:	478347
Ion Ratio	Lower	Upper	
162	100		
127	40.0	33.4	50.0
164	32.2	27.0	40.6

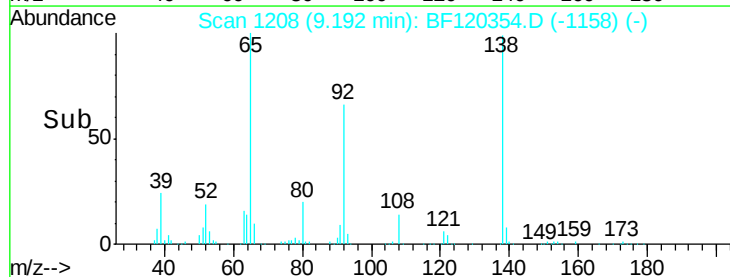
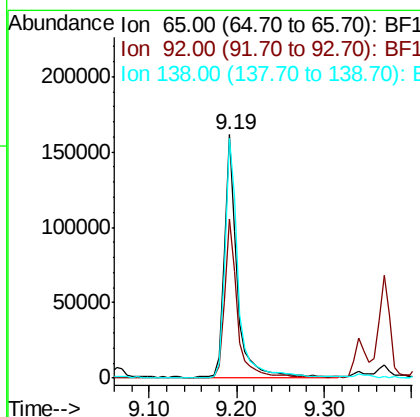
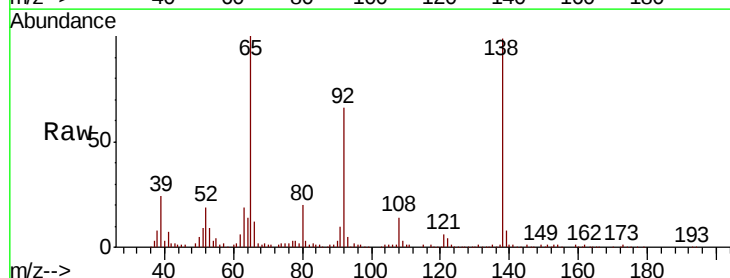
Manual Integrations
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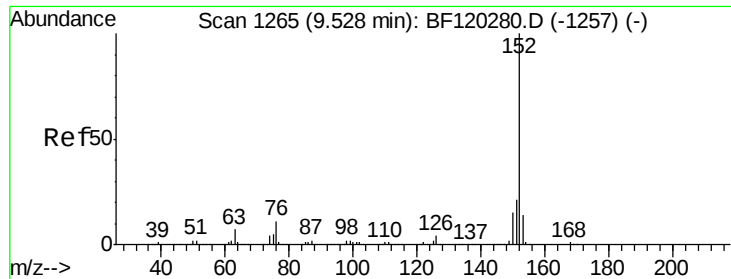
mohammad
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#48
 2-Nitroaniline
 Concen: 18.510 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion:	65	Resp:	160874
Ion Ratio	Lower	Upper	
65	100		
92	65.6	52.9	79.3
138	98.7	83.0	124.4





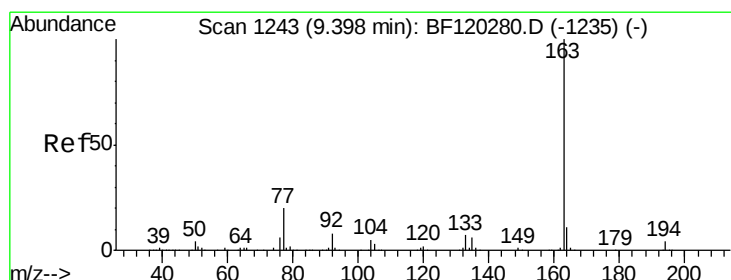
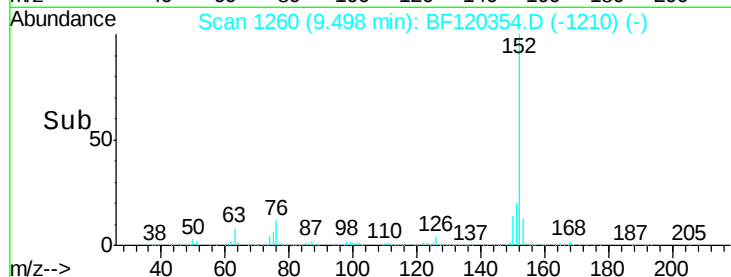
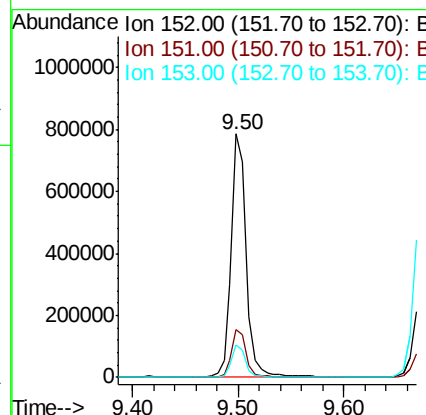
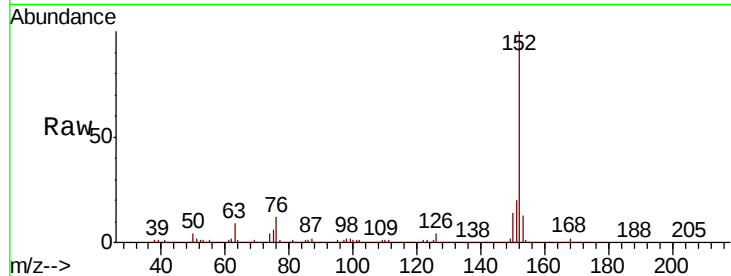
#49
Acenaphthylene
Concen: 21.270 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampled :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	25.0
153	13.4	11.1	16.7

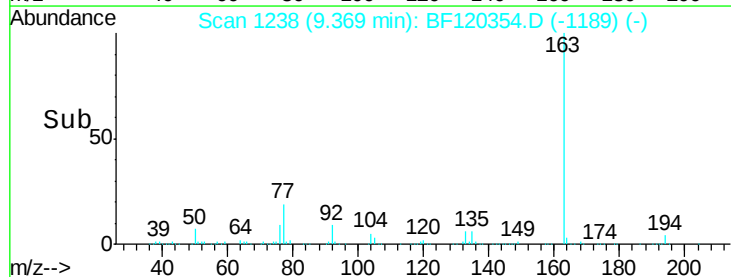
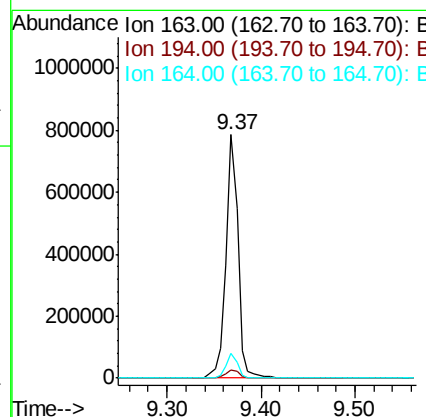
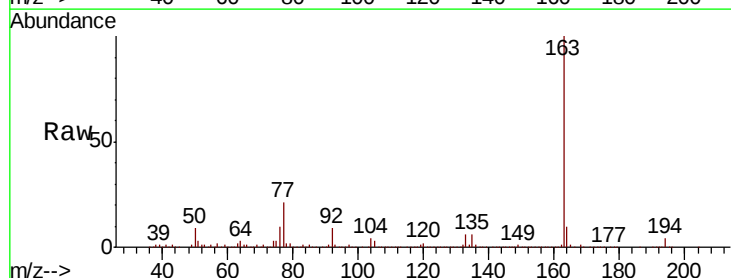
Manual Integrations
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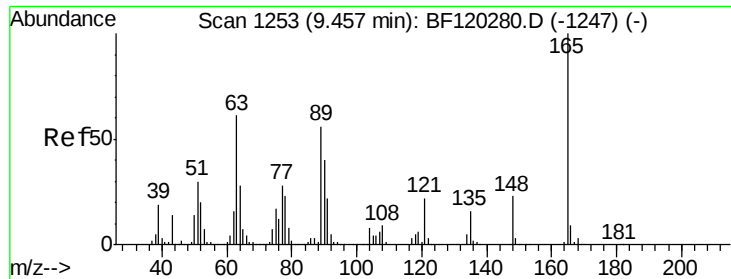
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#50
Dimethylphthalate
Concen: 24.558 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.3	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 18.024 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

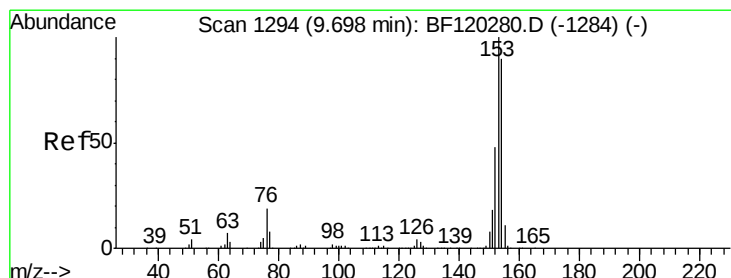
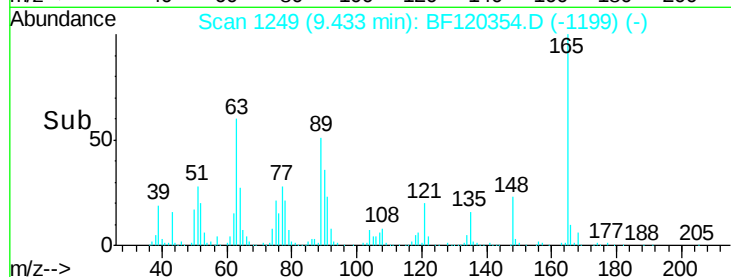
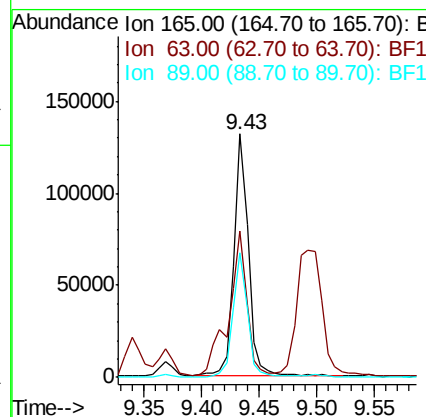
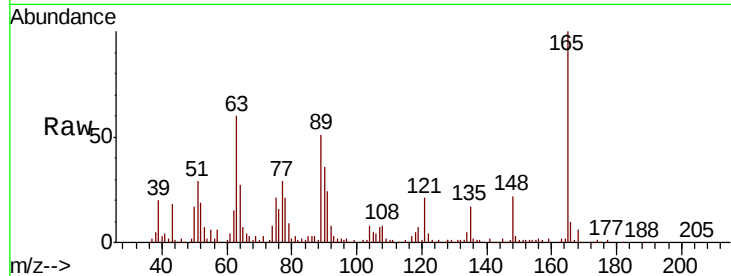
ClientSampleId :

TR-05-051520

Tot Ion:	165	Resp:	115253
Ion Ratio	Lower	Upper	
165	100		
63	60.2	50.2	75.2
89	51.2	44.6	66.8

Manual Integrations
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#52

Acenaphthene

Concen: 20.430 ng

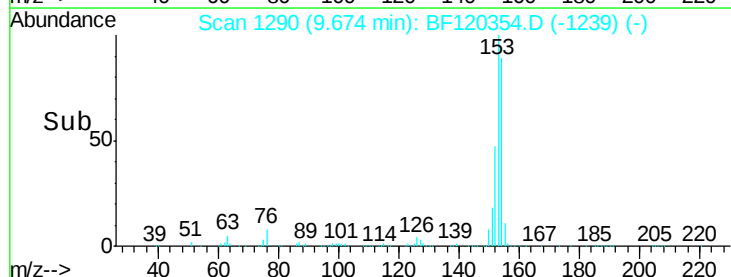
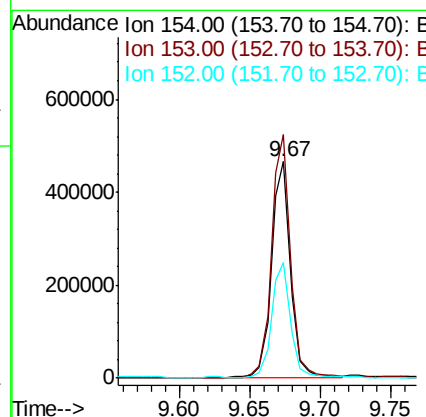
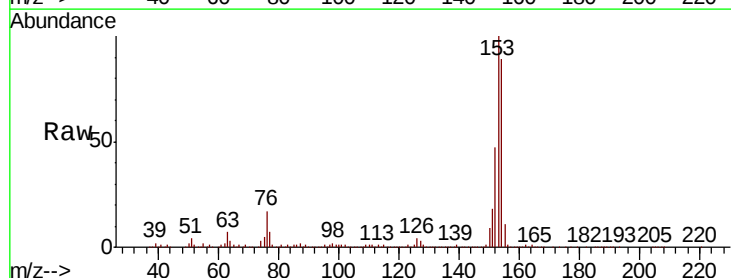
RT: 9.67 min Scan# 1290

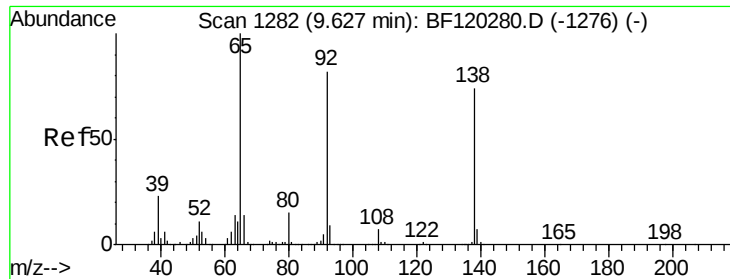
Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	154	Resp:	445587
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.0	133.4
152	53.3	42.6	64.0





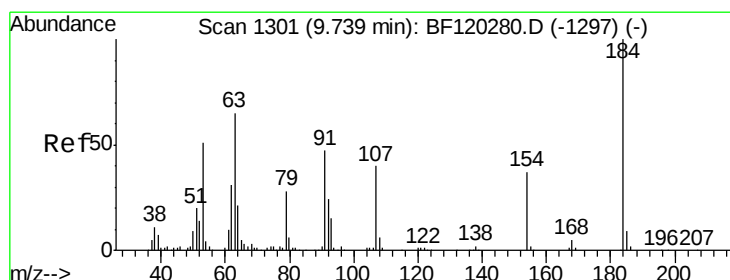
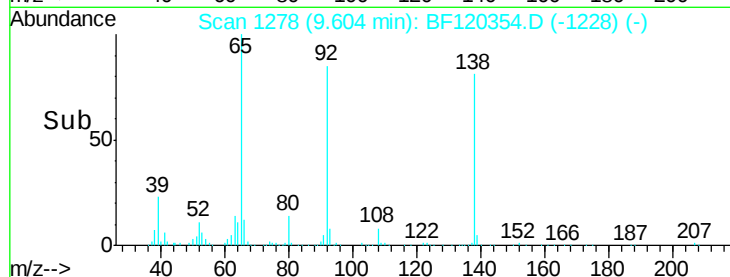
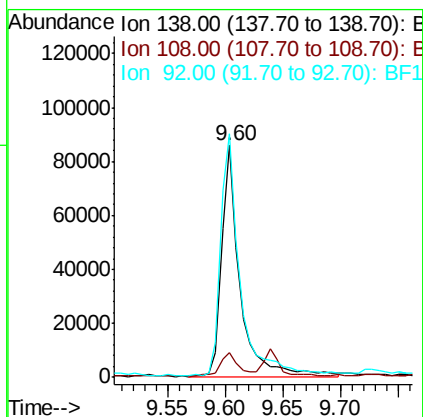
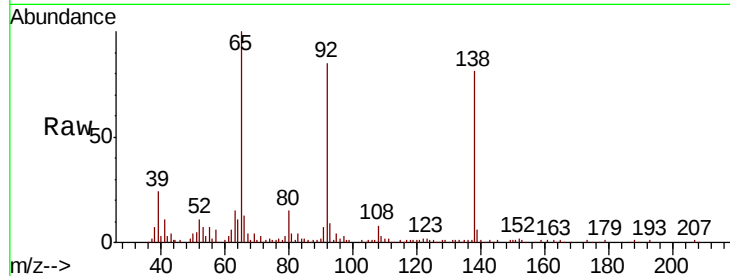
#53
3-Nitroaniline
Concen: 12.408 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.2
92	105.0	89.6	134.4

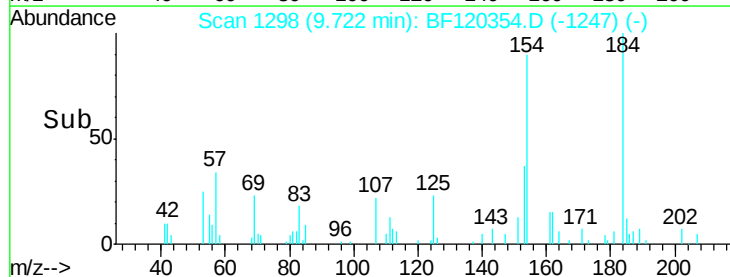
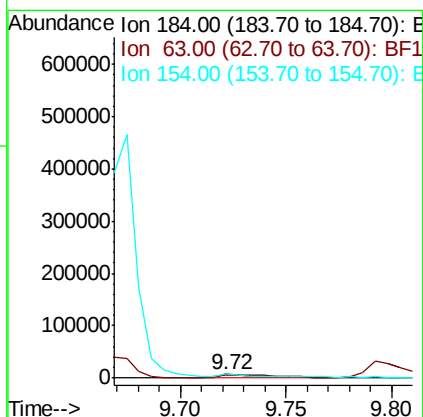
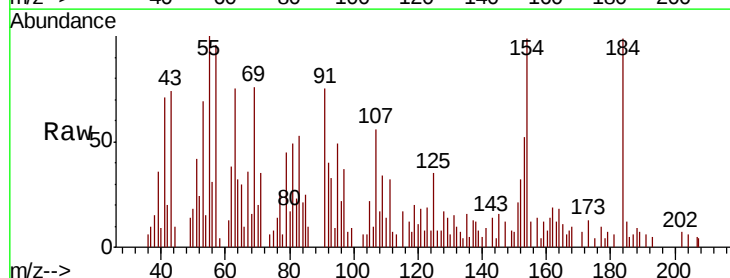
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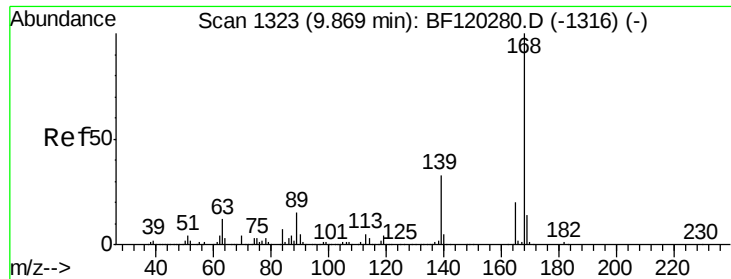
mohammad
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#54
2,4-Dinitrophenol
Concen: 4.368 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.7	53.6	80.4
154	99.3	46.8	70.2





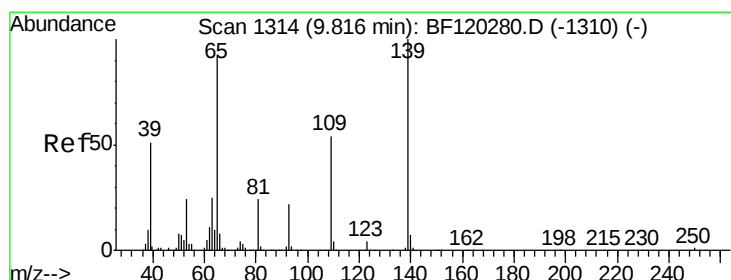
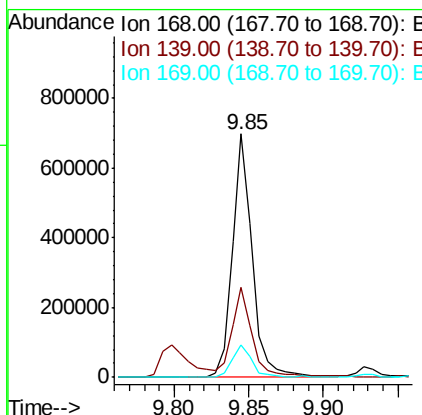
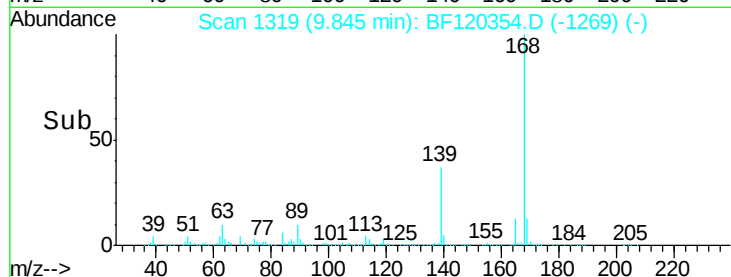
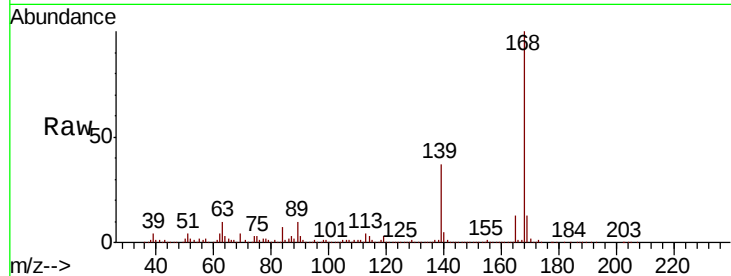
#55
Dibenzofuran
Concen: 20.946 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.8	44.6
169	13.4	11.0	16.6

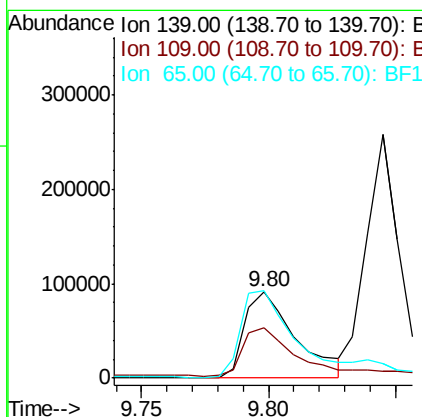
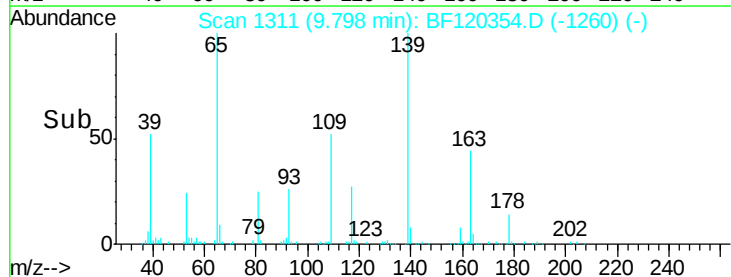
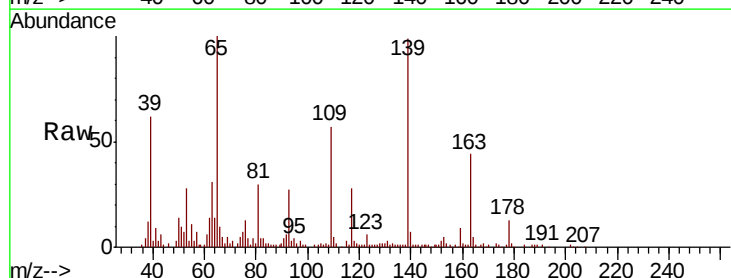
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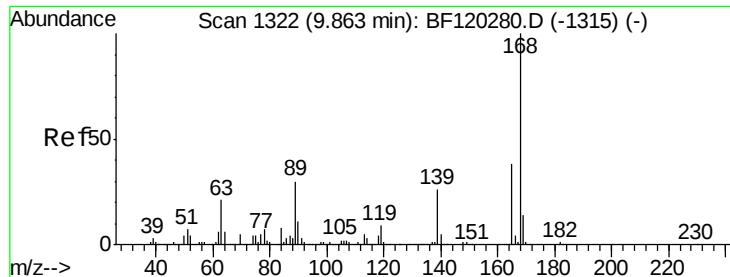
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#56
4-Nitrophenol
Concen: 30.604 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.1	34.6	74.6
65	101.5	73.3	113.3





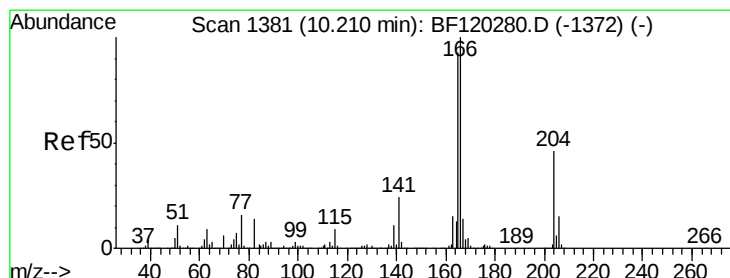
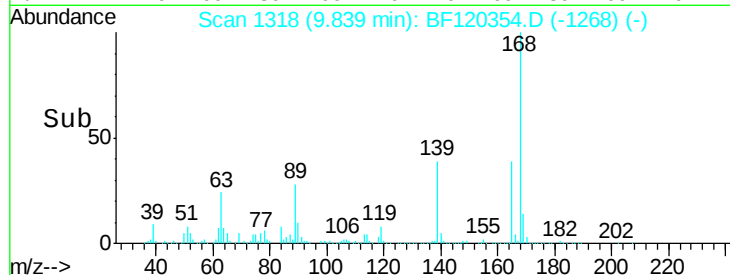
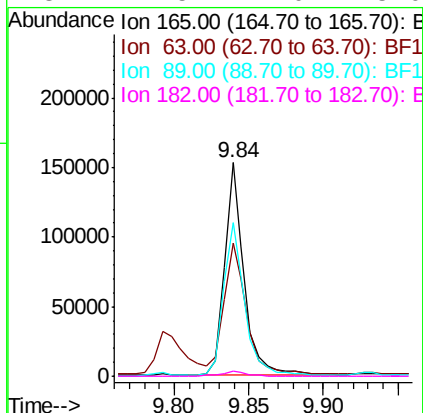
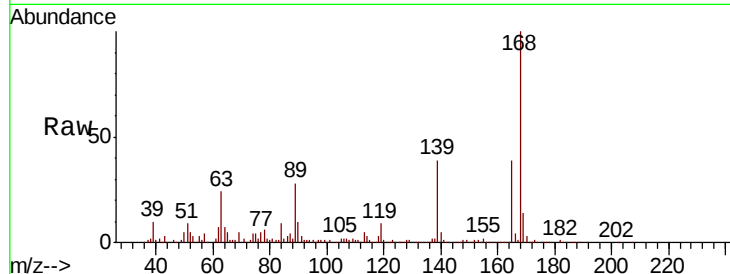
#57
 2,4-Dinitrotoluene
 Concen: 18.738 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
165	100	140554		
63	62.2	51.8	77.8	
89	72.2	64.2	96.4	
182	2.5	2.0	3.0	

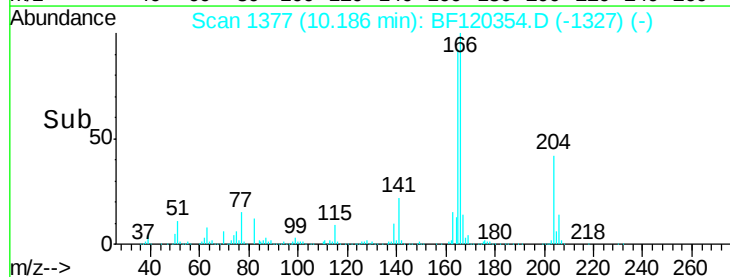
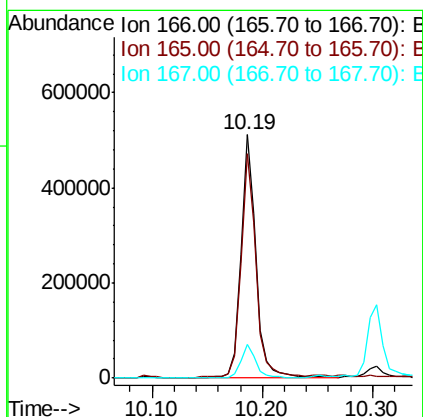
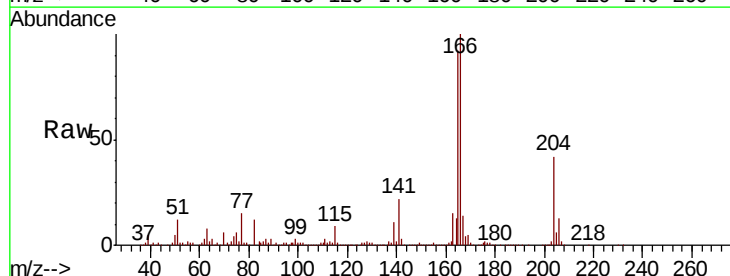
Manual Integrations
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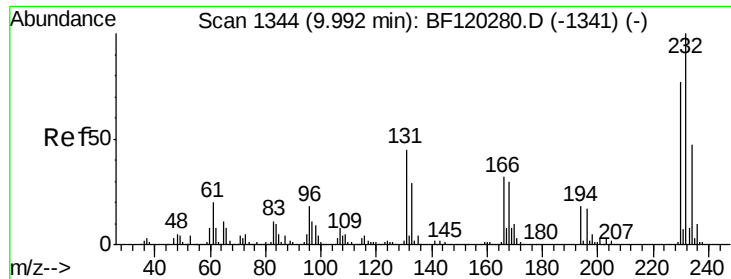
mohammad
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#58
 Fluorene
 Concen: 20.338 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	486467		
165	92.3	74.7	112.1	
167	14.0	11.4	17.0	





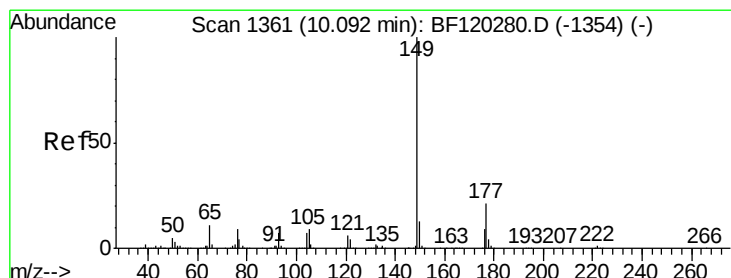
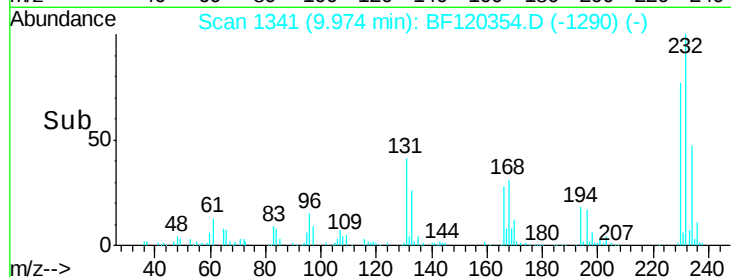
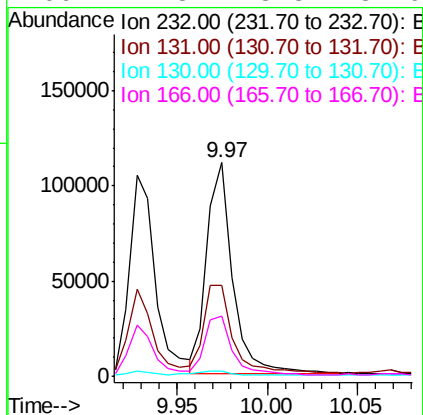
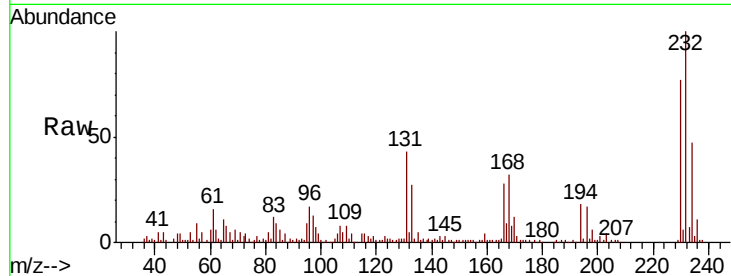
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 16.610 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
232	100	110117		
131	38.9		34.1	51.1
130	2.0		1.7	2.5
166	24.8		23.3	34.9

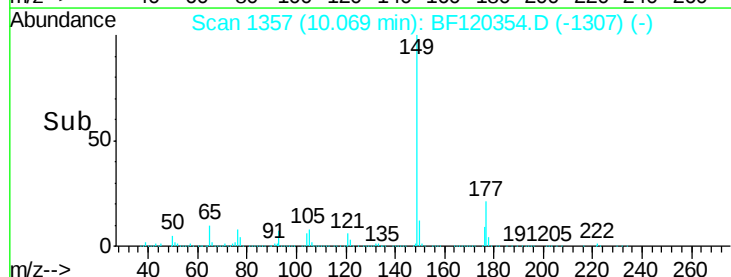
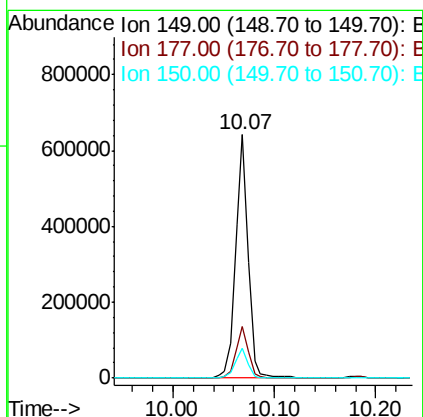
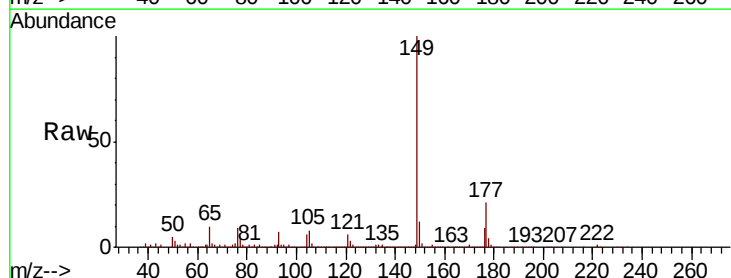
Manual Integrations
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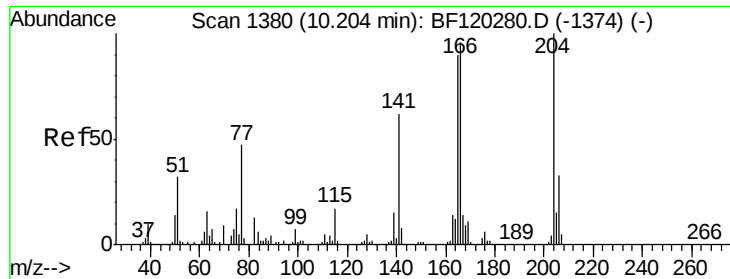
mohammad
 5/19/2020 3:05:37 PM



#60
 Diethylphthalate
 Concen: 19.758 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	546487		
177	21.0		17.1	25.7
150	12.4		10.3	15.5





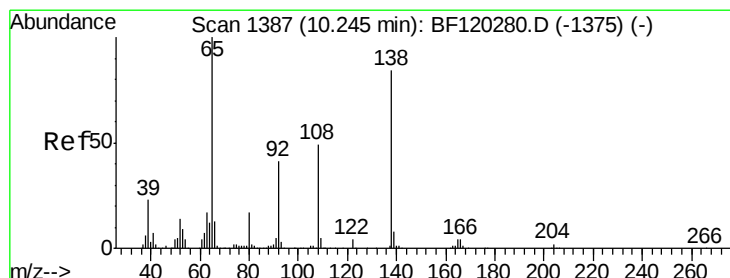
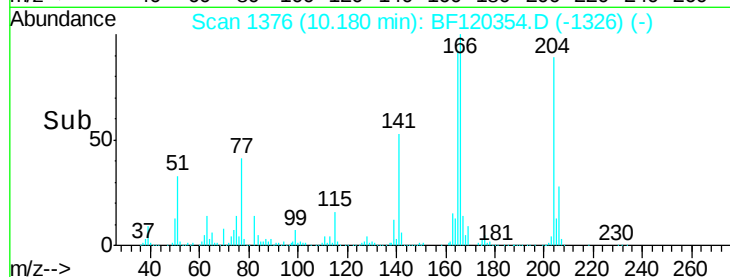
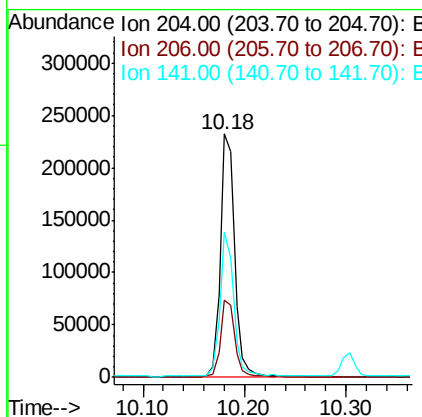
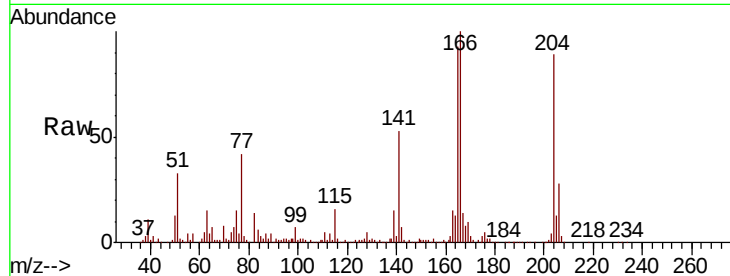
#61
4-Chlorophenyl-phenylether
Concen: 18.575 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.8	40.2
141	59.6	49.5	74.3

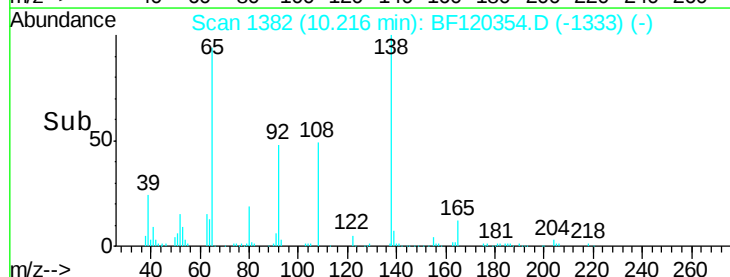
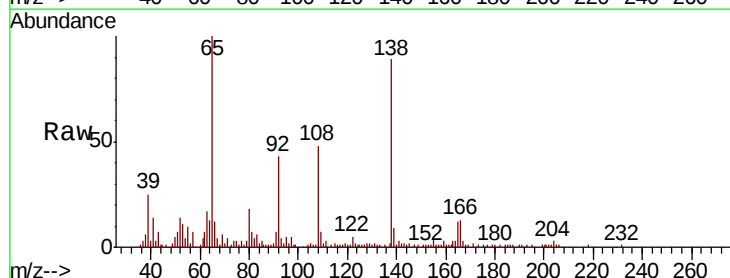
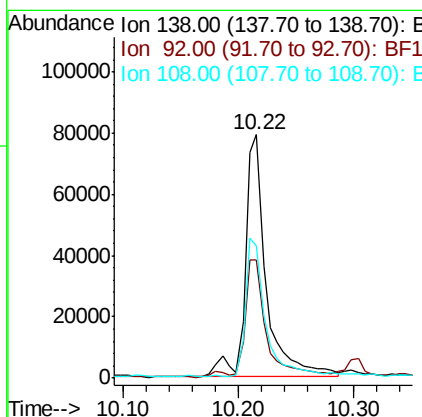
Manual Integrations
APPROVED

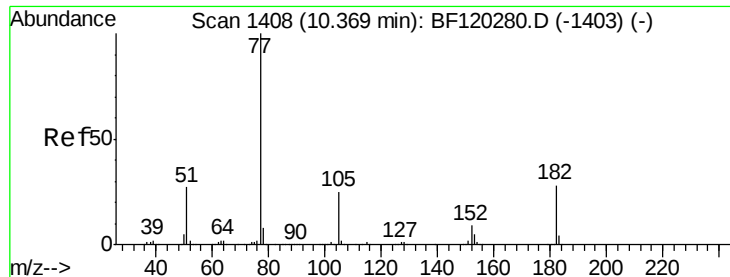
mohammad
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#62
4-Nitroaniline
Concen: 14.138 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.9	68.9
108	54.4	38.4	78.4





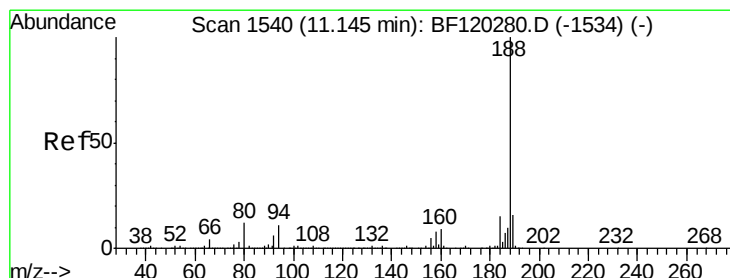
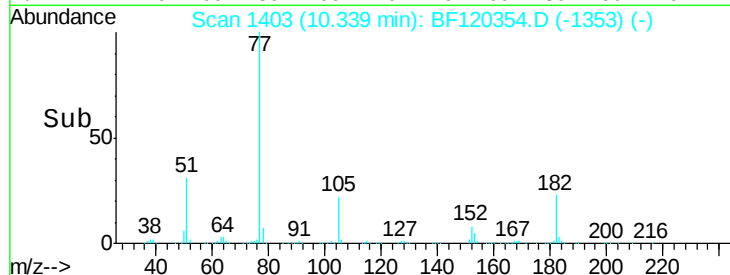
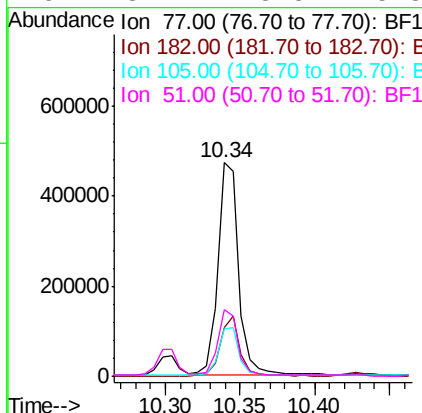
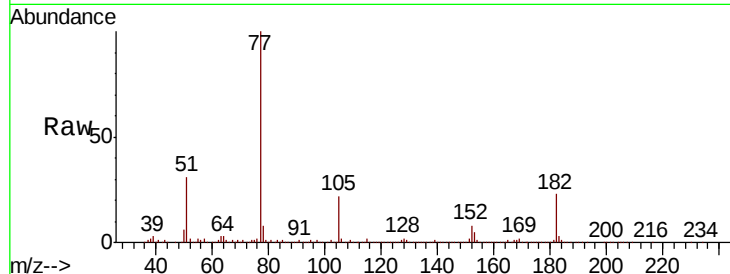
#63
Azobenzene
Concen: 17.626 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	77	Resp	460772
Ion Ratio	Lower	Upper	
77	100		
182	22.7	7.4	47.4
105	22.0	4.4	44.4
51	31.4	8.3	48.3

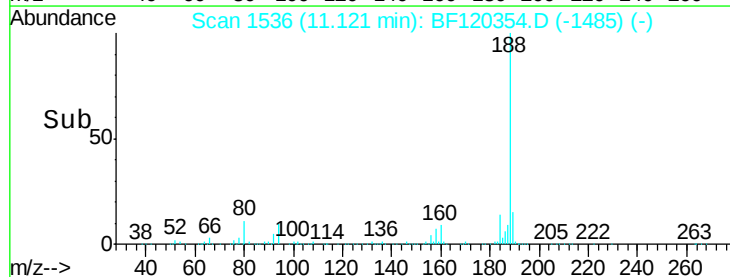
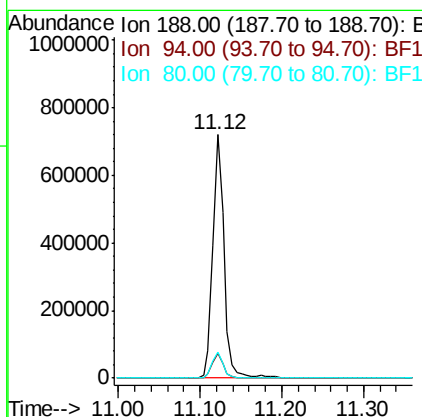
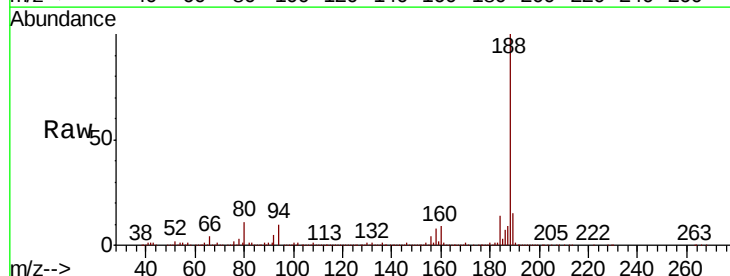
Manual Integrations
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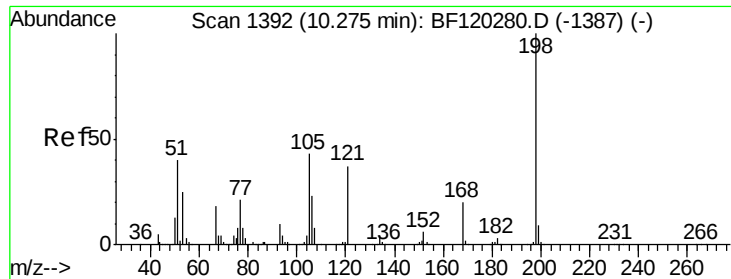
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	188	Resp	692270
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.6	13.0
80	10.8	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 6.340 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

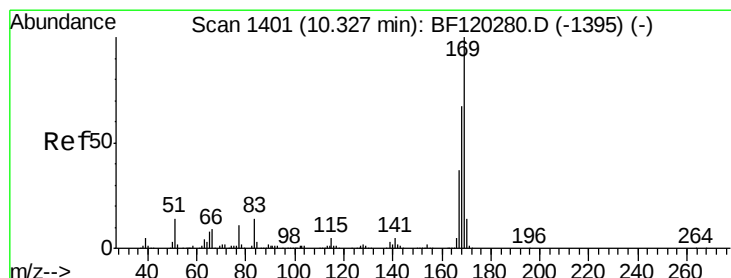
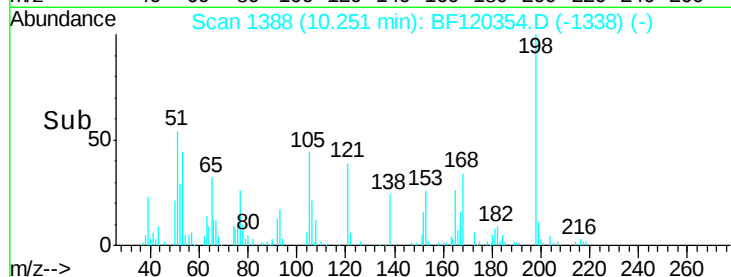
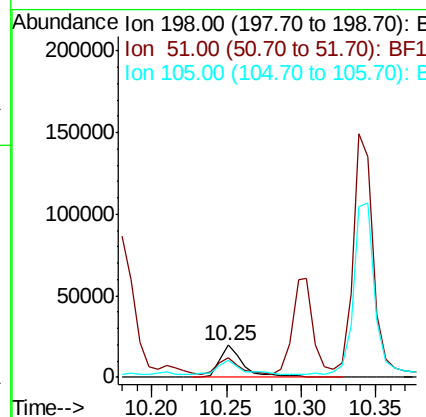
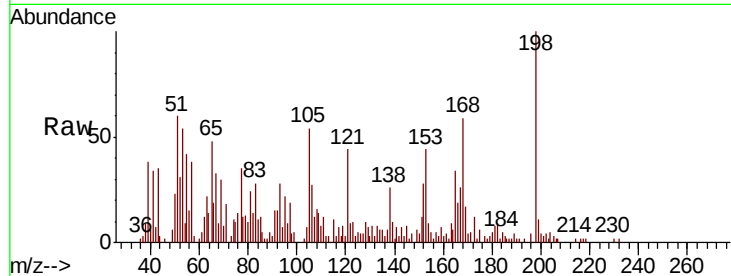
ClientSampleId :

TR-05-051520

Tot Ion:	198	Resp:	22196
Ion Ratio	Lower	Upper	
198	100		
51	59.8	27.1	67.1
105	54.0	24.3	64.3

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#66

n-Nitrosodiphenylamine

Concen: 22.084 ng

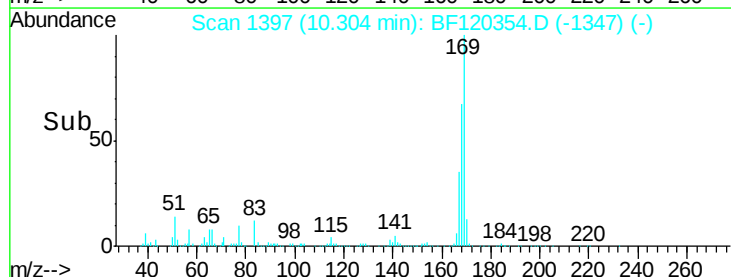
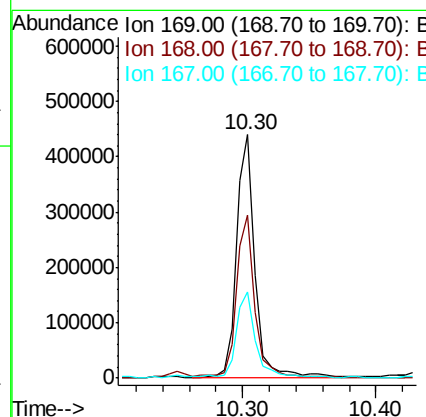
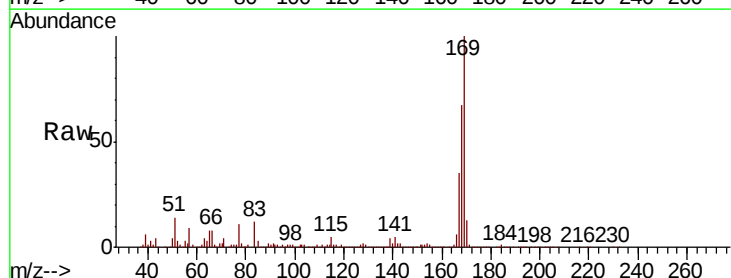
RT: 10.30 min Scan# 1397

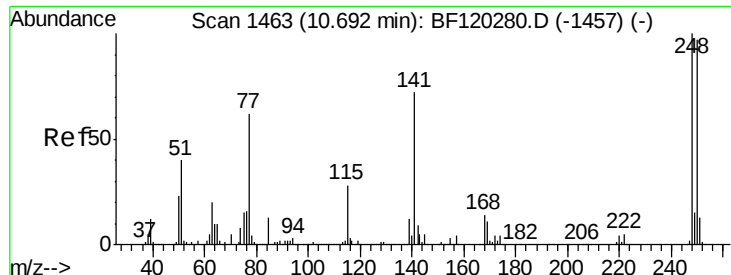
Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	169	Resp:	422955
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.7	80.5
167	35.3	29.8	44.6





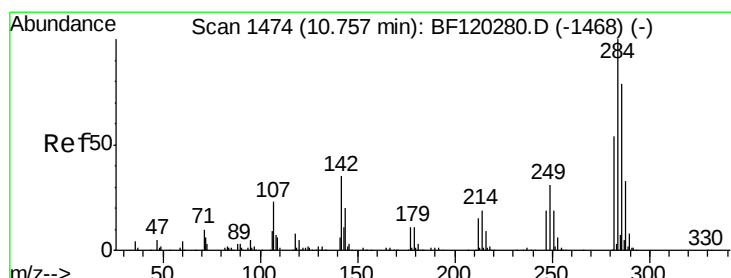
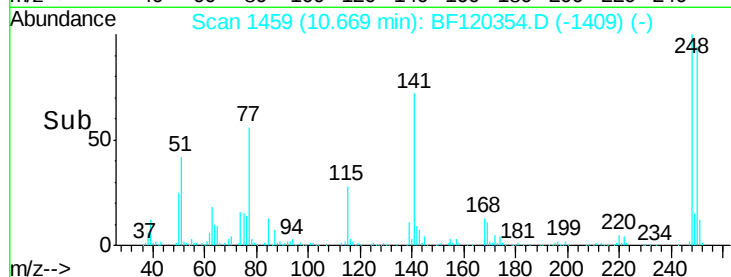
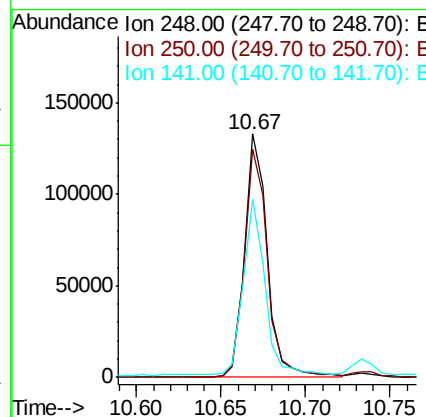
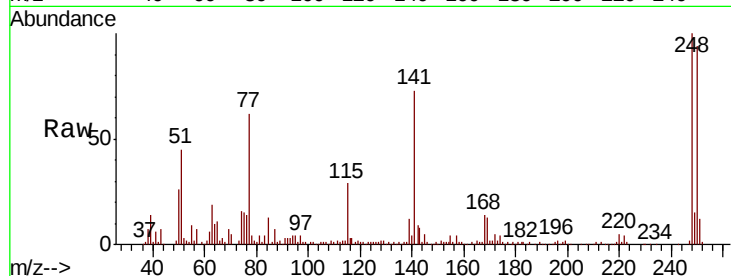
#67
4-Bromophenyl-phenylether
Concen: 18.517 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.8	116.6
141	73.2	57.7	86.5

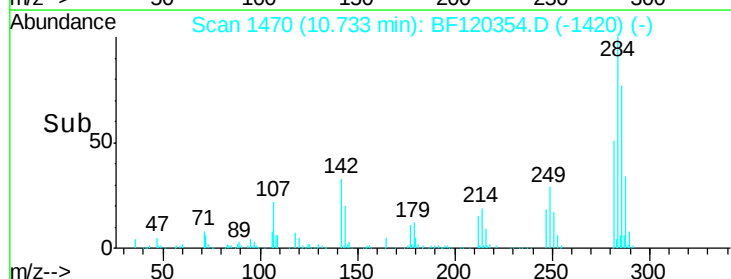
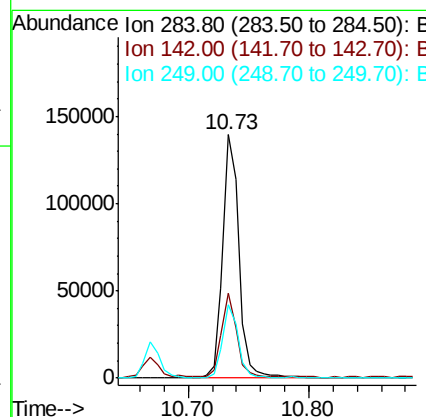
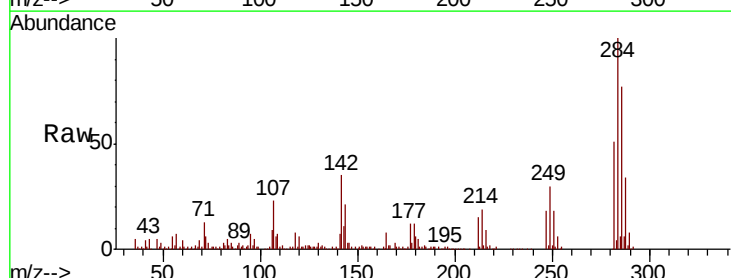
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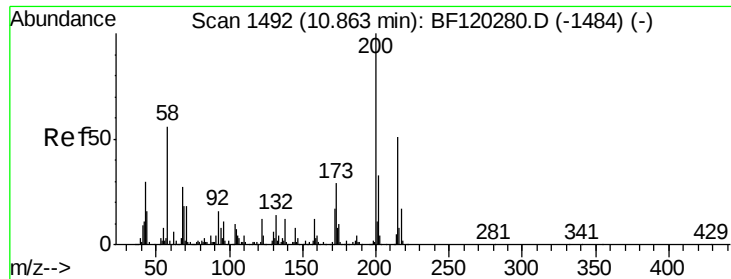
mohammad
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#68
Hexachlorobenzene
Concen: 18.406 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.5	42.7
249	30.0	24.8	37.2





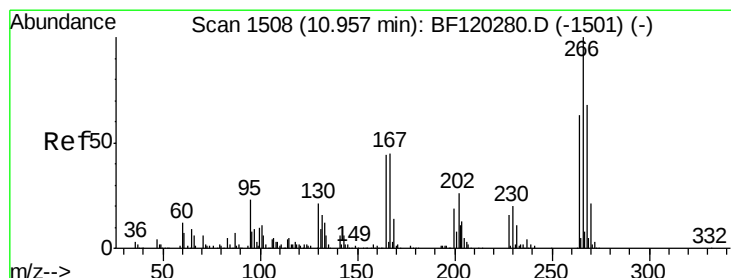
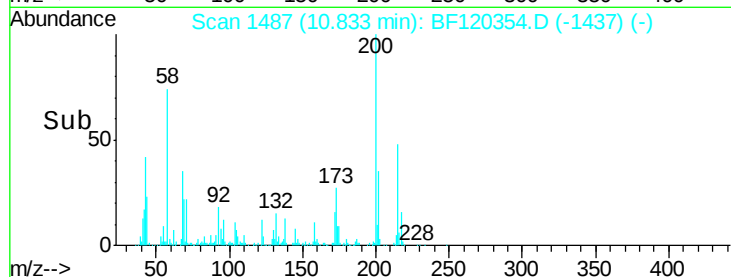
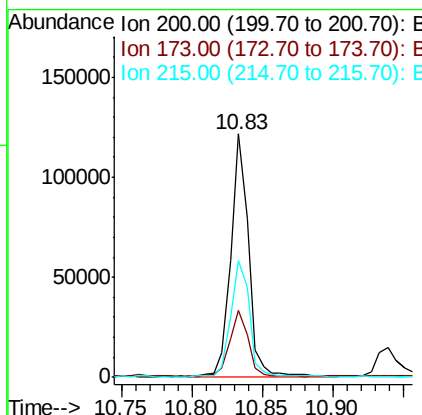
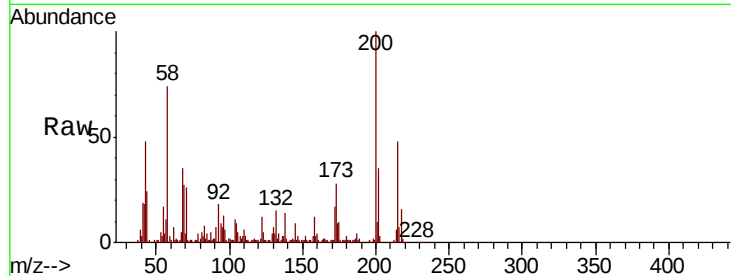
#69
Atrazine
Concen: 18.453 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.7	8.7	48.7	
215	48.1	30.6	70.6	

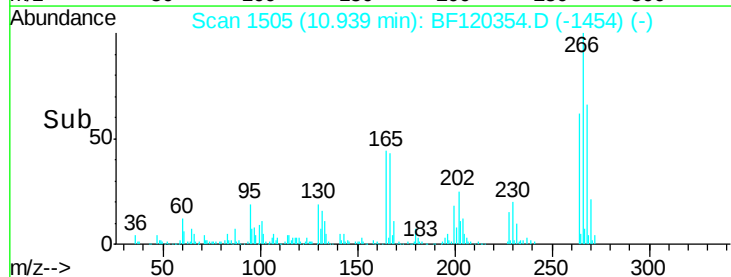
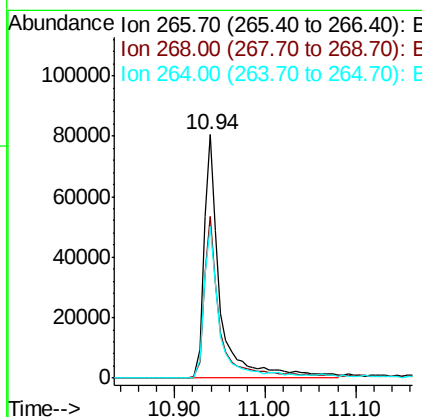
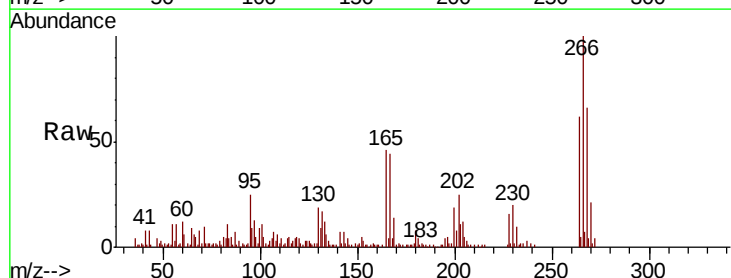
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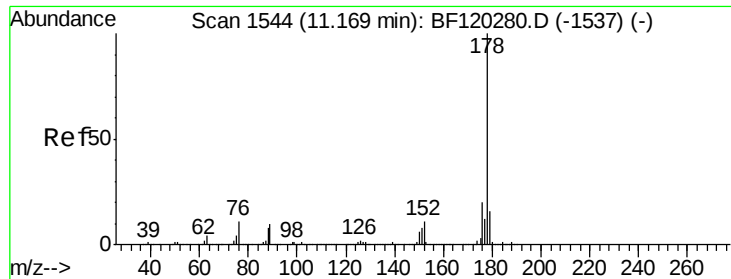
mohammad
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#70
Pentachlorophenol
Concen: 33.833 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.3	54.2	81.4	
264	62.3	50.2	75.4	





#71

Phenanthrene

Concen: 27.820 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

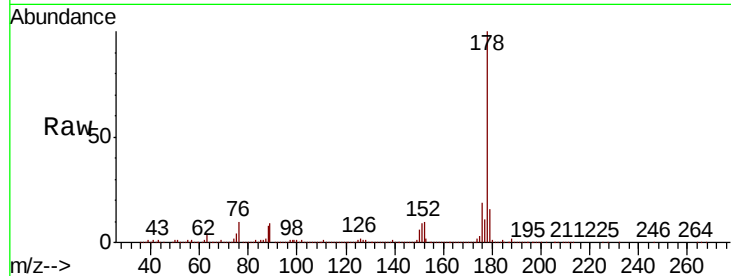
ClientSampleId :

TR-05-051520

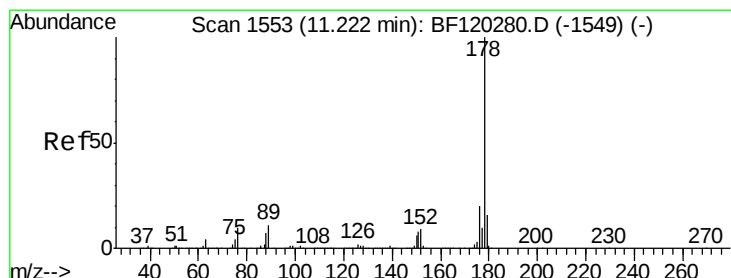
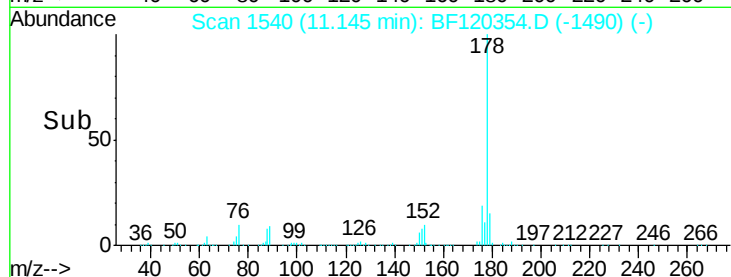
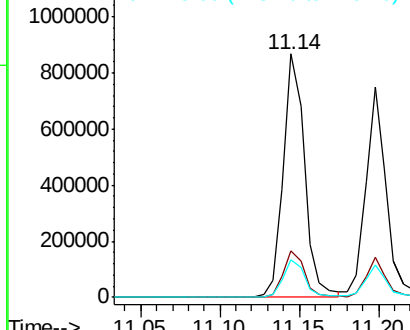
Tot Ion:	178	Resp:	809257
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	15.6	12.8	19.2

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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: 22.862 ng

RT: 11.20 min Scan# 1549

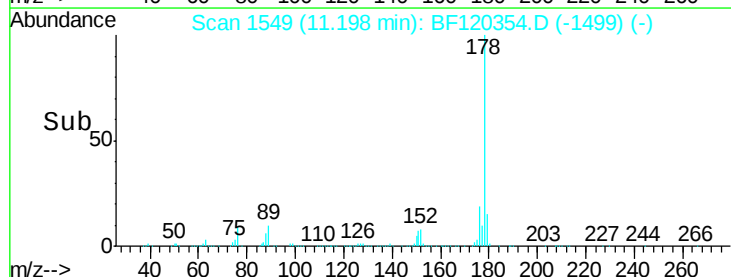
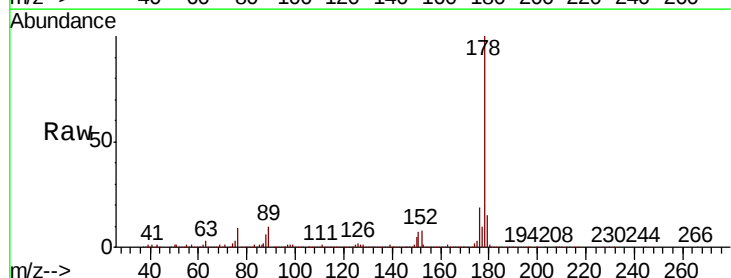
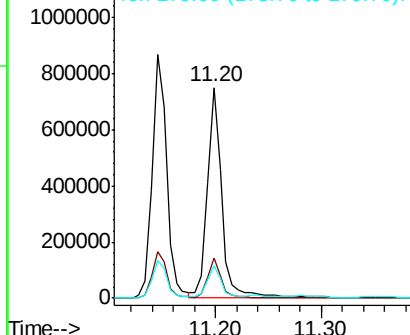
Delta R.T. -0.01 min

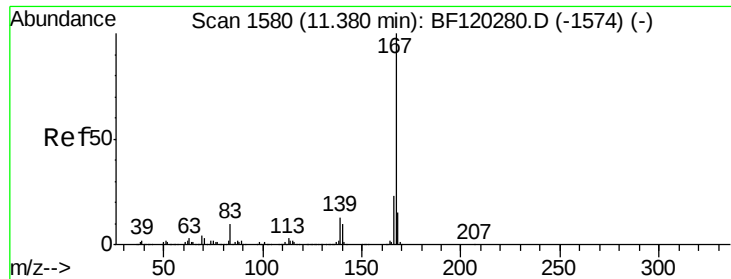
Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	178	Resp:	711939
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.7	23.5
179	15.2	13.0	19.6

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





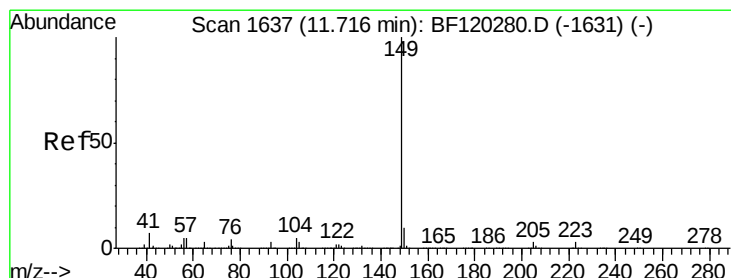
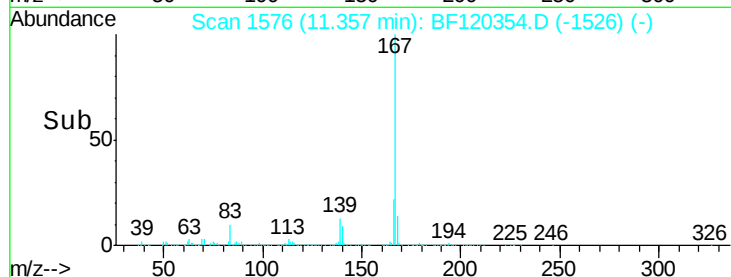
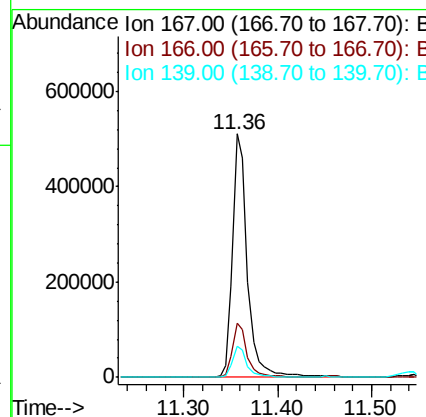
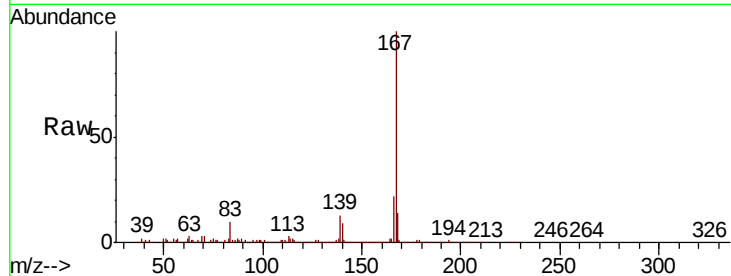
#73
 Carbazole
 Concen: 19.160 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
167	100	557488		
166	22.0		18.1	27.1
139	12.9		10.6	15.8

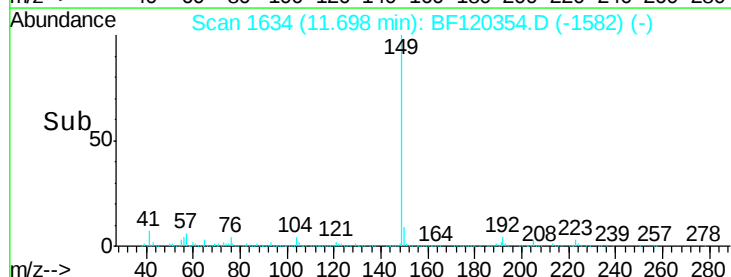
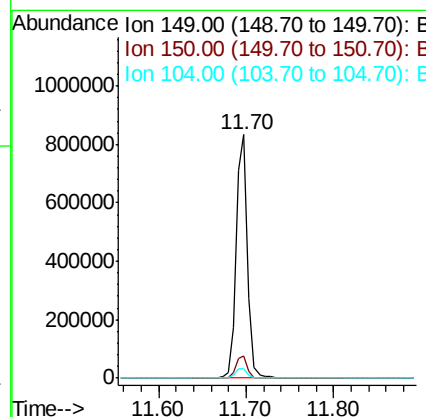
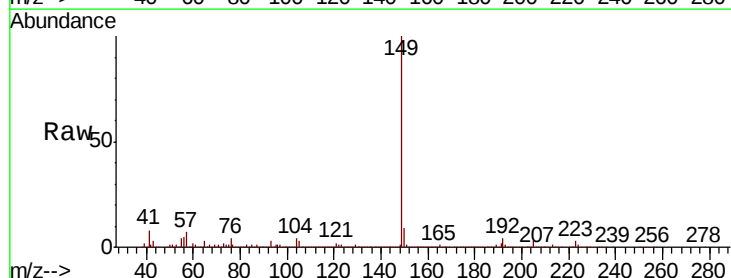
Manual Integrations
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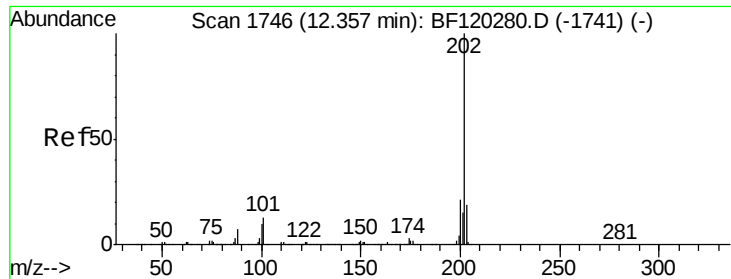
mohammad
 5/19/2020 3:05:37 PM



#74
 Di-n-butylphthalate
 Concen: 20.995 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	736231		
150	9.1		8.2	12.4
104	4.0		3.8	5.8





#75

Fluoranthene

Concen: 34.508 ng

RT: 12.34 min Scan# 1743

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

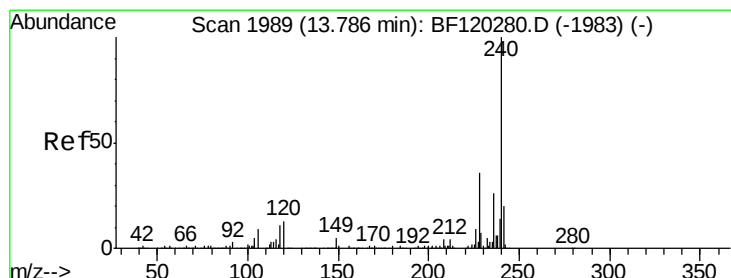
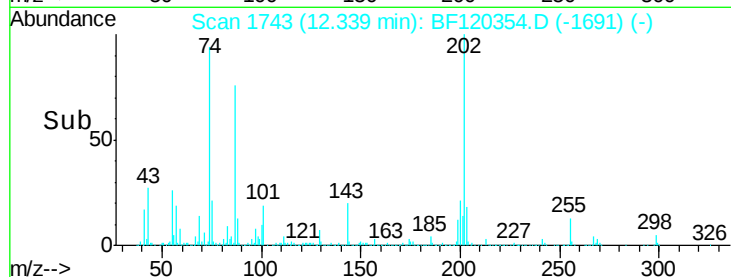
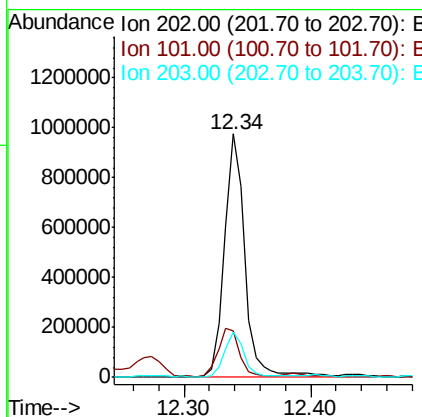
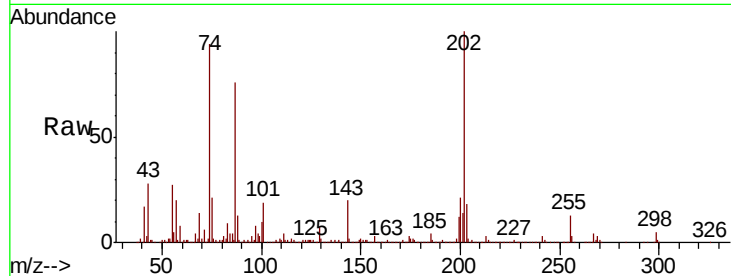
ClientSampleId :

TR-05-051520

Tot Ion:	202	Resp:	1075923
Ion	Ratio	Lower	Upper
202	100		
101	19.2	0.0	33.2
203	18.4	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

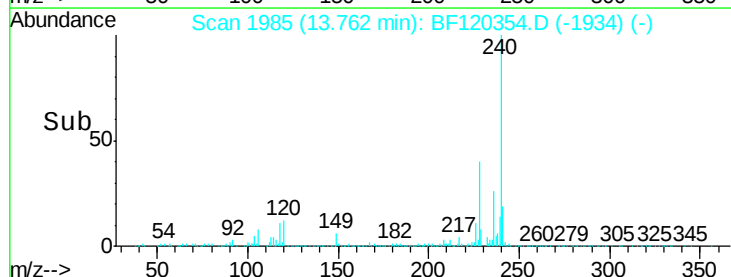
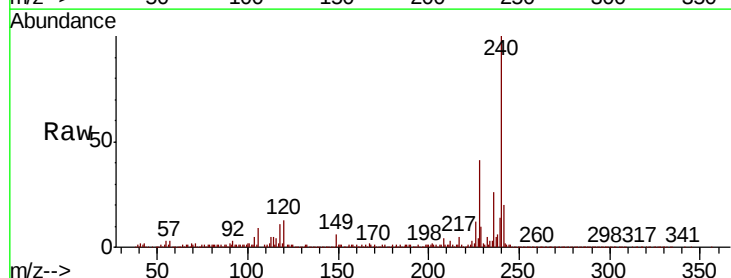
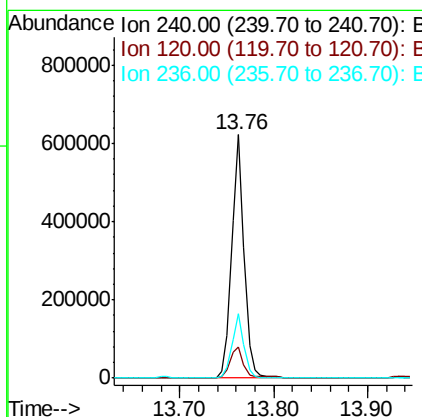
RT: 13.76 min Scan# 1985

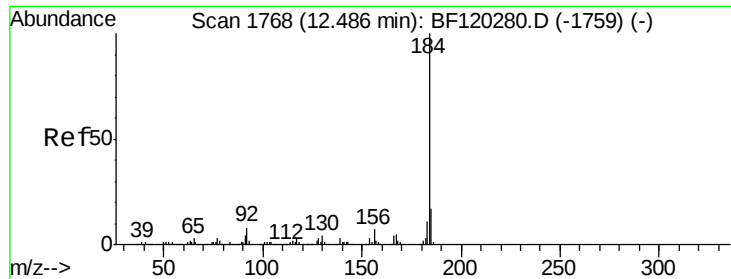
Delta R.T. -0.00 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	240	Resp:	571143
Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.4	15.6
236	26.2	21.0	31.6





#77

Benzidine

Concen: 10.076 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.02 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

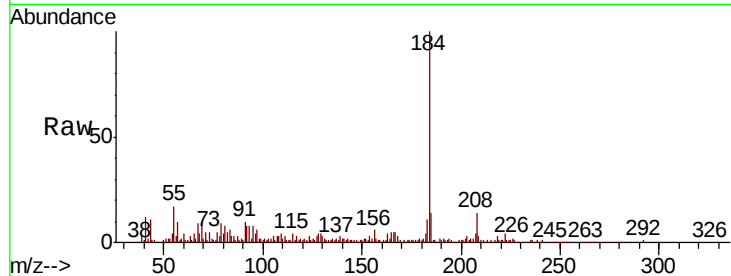
ClientSampleId :

TR-05-051520

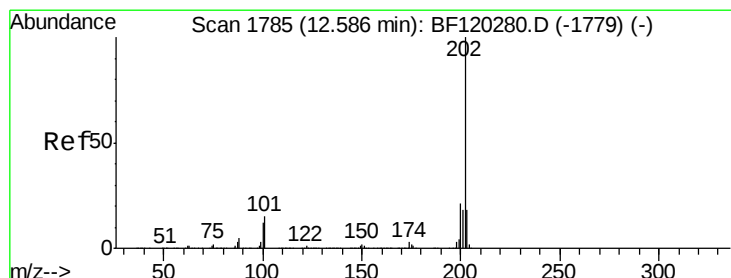
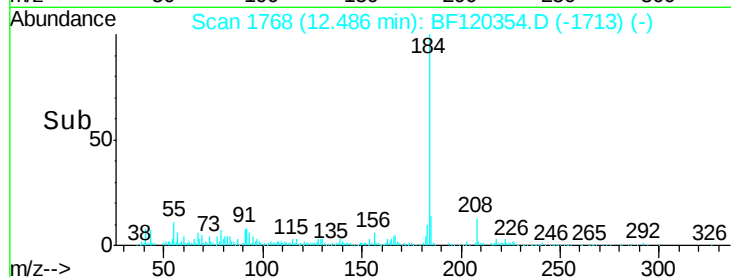
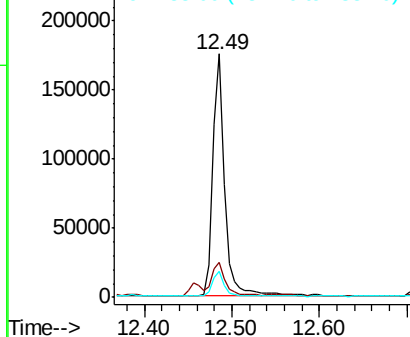
Tot Ion:	184	Resp:	168053
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.7	20.5
183	10.6	8.7	13.1

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



#78

Pyrene

Concen: 35.674 ng

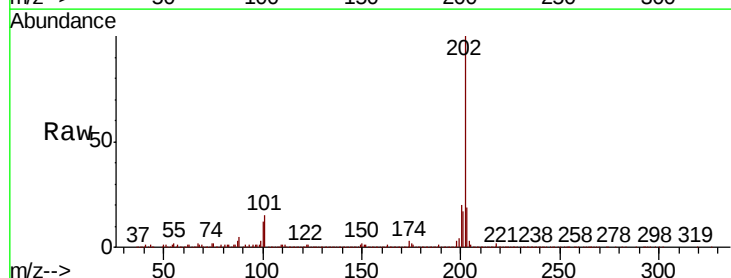
RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

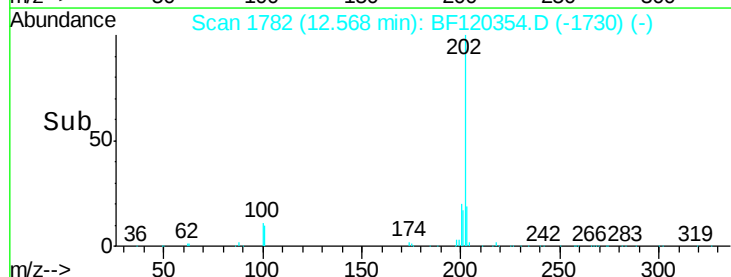
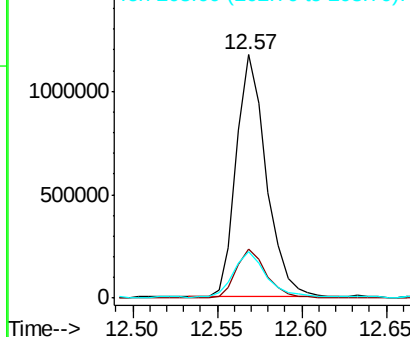
Lab File: BF120354.D

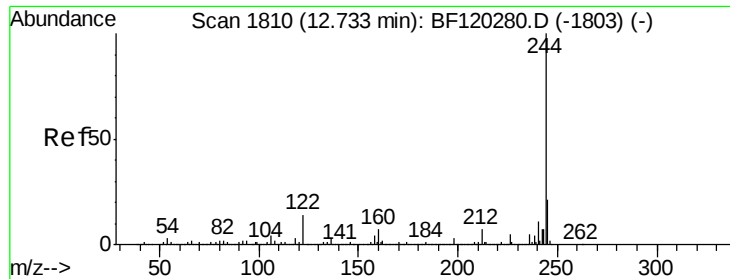
Acq: 18 May 2020 20:55

Tgt Ion:	202	Resp:	1452550
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	25.0
203	19.1	14.6	22.0



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





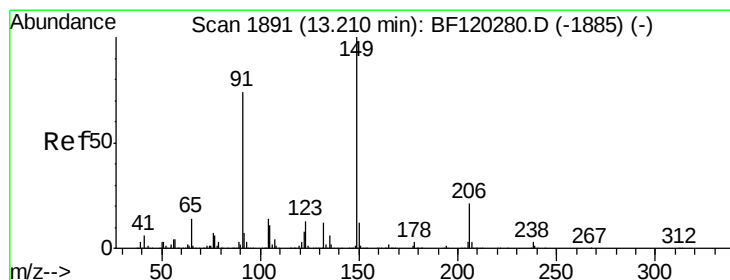
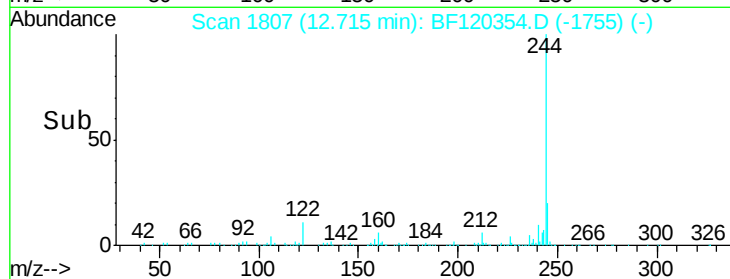
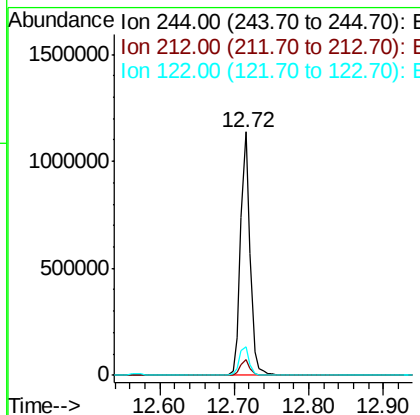
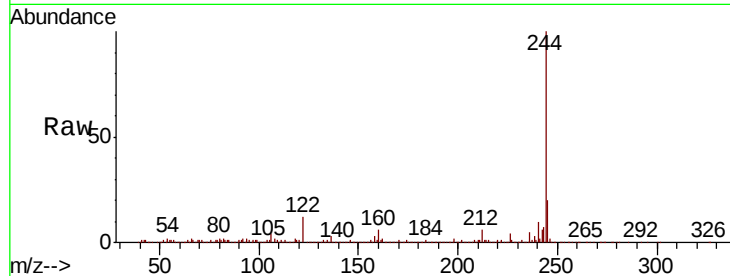
#79
 Terphenyl-d14
 Concen: 38.909 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	11.8	10.8	16.2

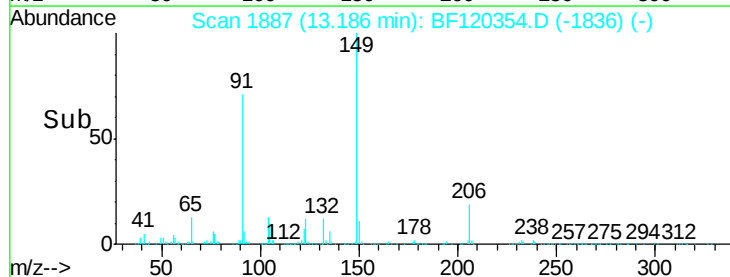
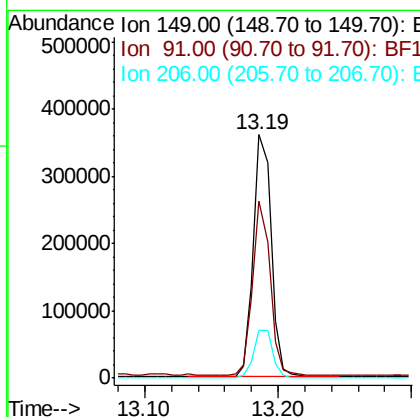
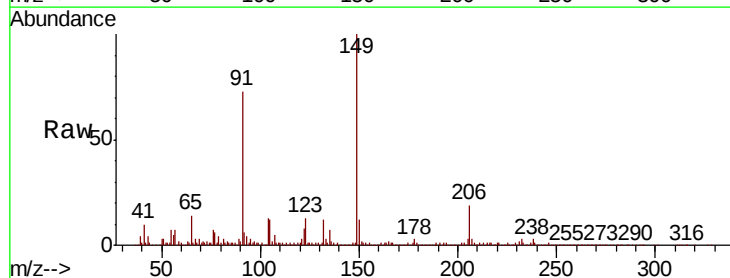
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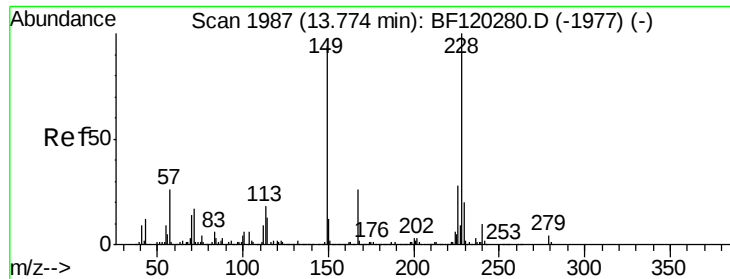
mohammad
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#80
 Butylbenzylphthalate
 Concen: 17.293 ng
 RT: 13.19 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BF120354.D
 Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	59.0	88.4
206	19.4	16.8	25.2





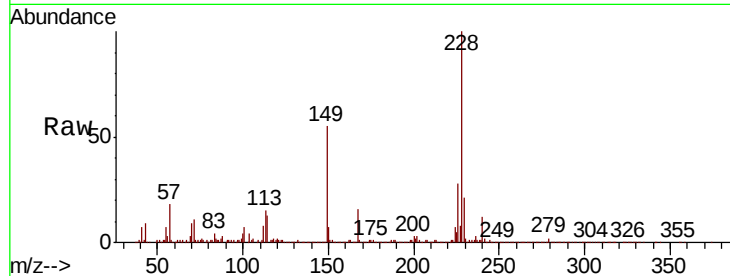
#81
Benzo(a)anthracene
Concen: 32.487 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.9	16.4	24.6

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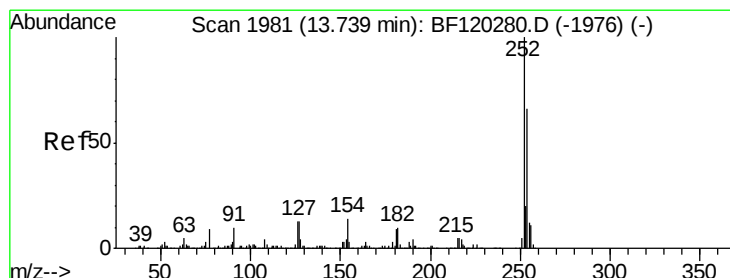
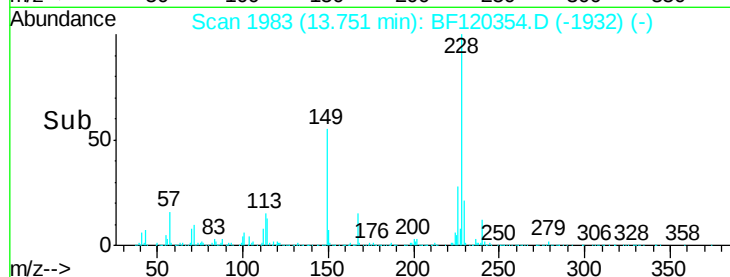
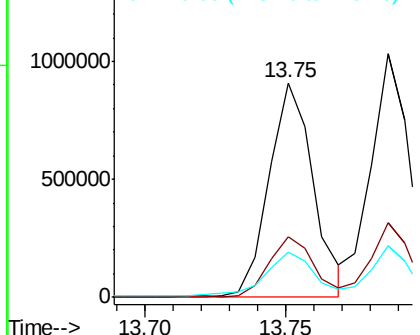


Abundance

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



#82
3,3'-Dichlorobenzidine
Concen: 14.147 ng
RT: 13.72 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

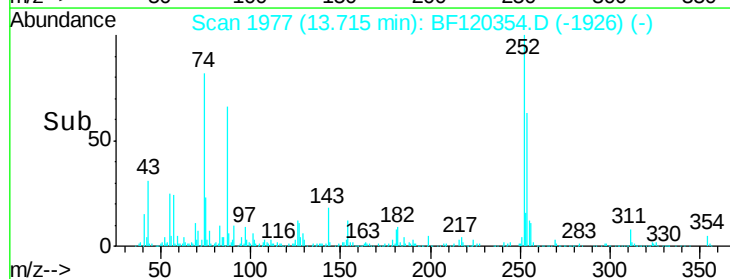
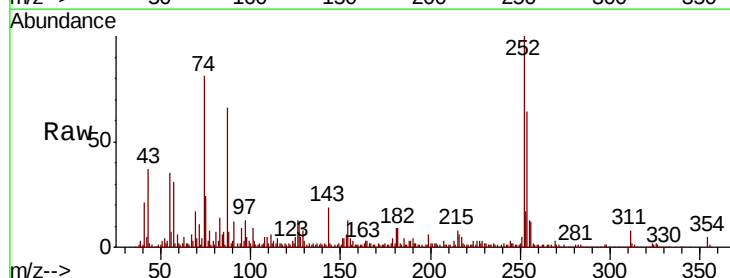
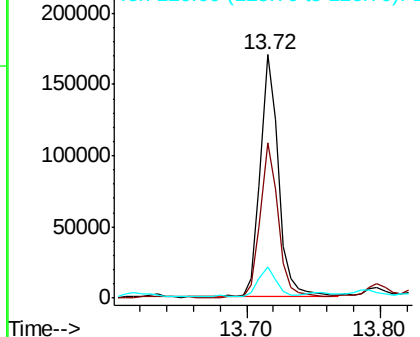
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.6	78.8
126	12.6	10.7	16.1

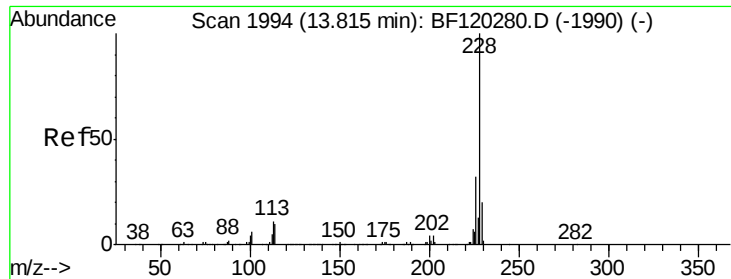
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





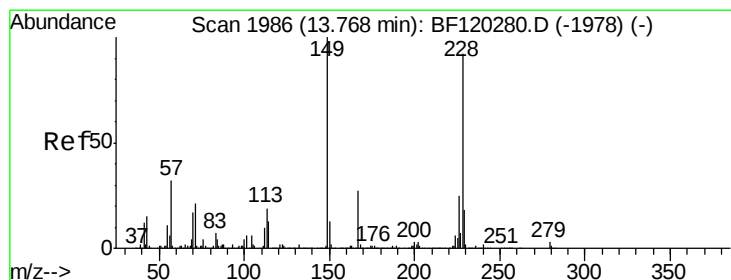
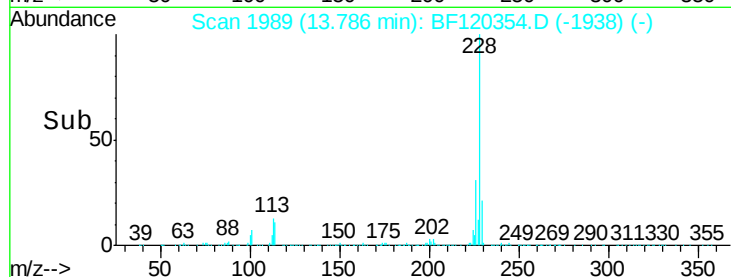
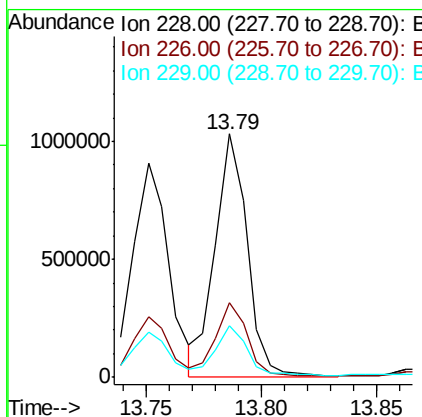
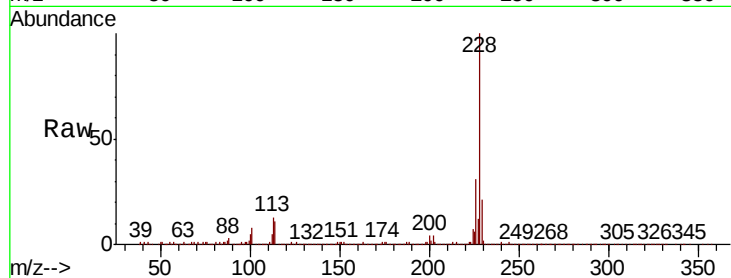
#83
Chrysene
Concen: 30.623 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.2	16.2	24.4

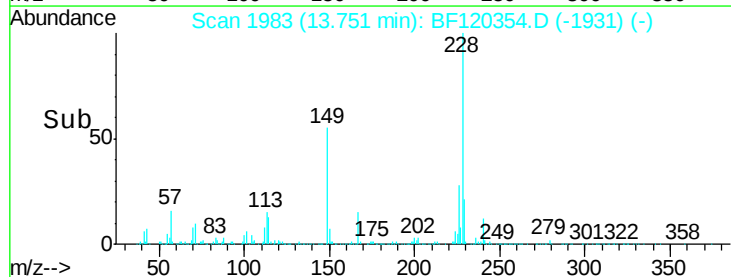
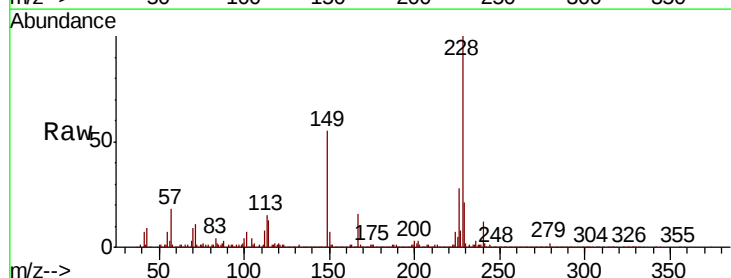
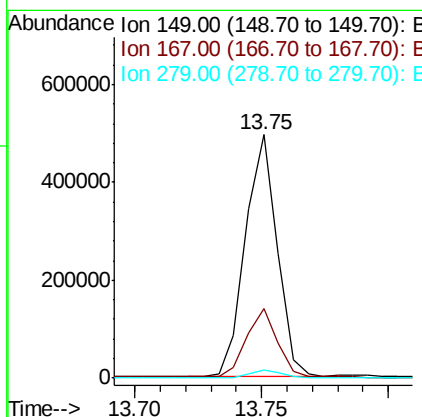
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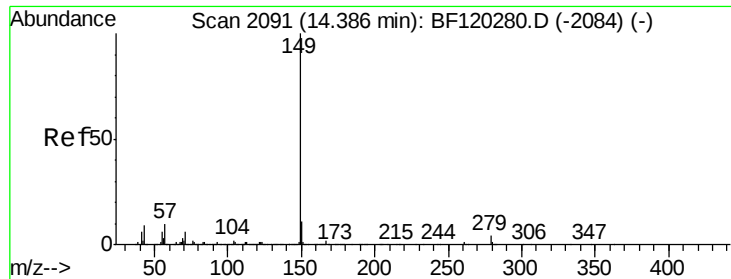
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 18.161 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.8
279	3.5	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 18.720 ng

RT: 14.36 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Instrument :

BNA_F

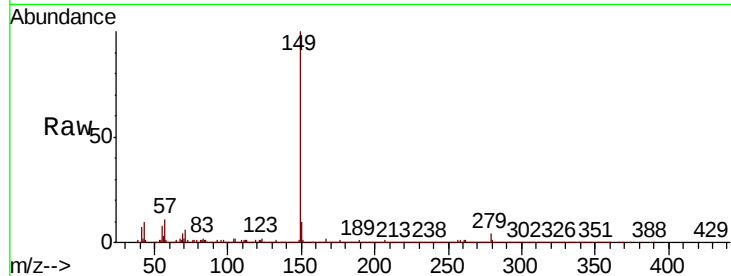
ClientSampleId :

TR-05-051520

Tot Ion:	149	Resp:	803351
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.2	7.5	11.3

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

14.36

800000

600000

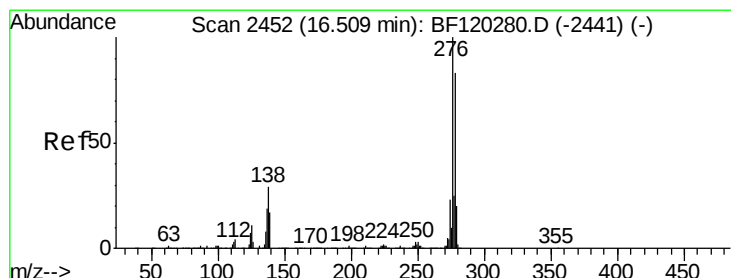
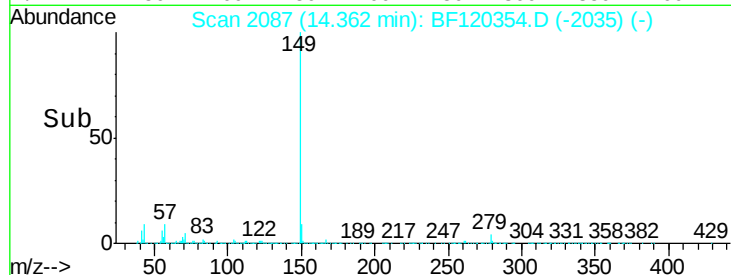
400000

200000

0

14.30 14.40

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 16.845 ng

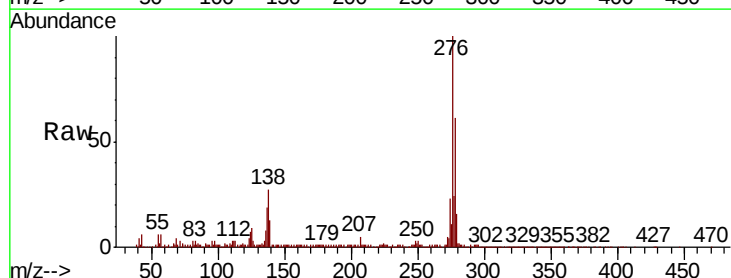
RT: 16.46 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BF120354.D

Acq: 18 May 2020 20:55

Tgt Ion:	276	Resp:	494558
Ion Ratio	Lower	Upper	
276	100		
138	26.3	23.3	34.9
277	24.9	20.2	30.4



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

16.46

300000

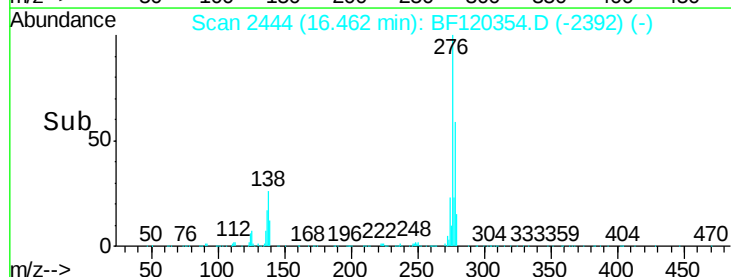
200000

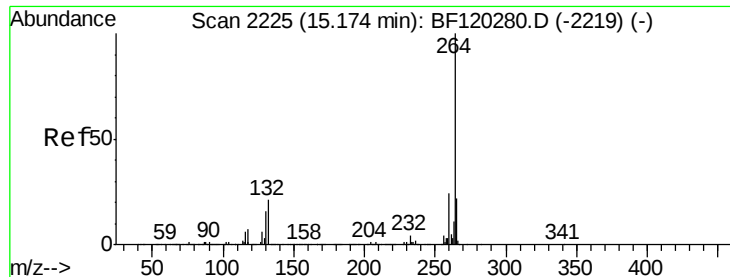
100000

0

16.40 16.50

Time-->





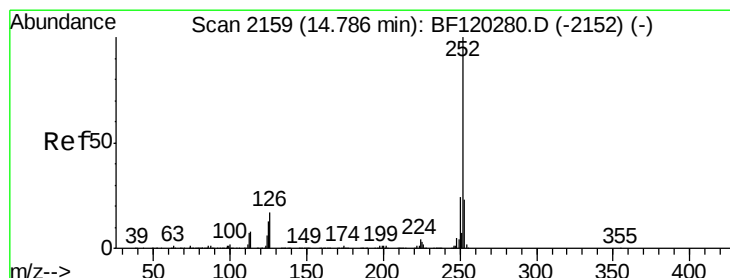
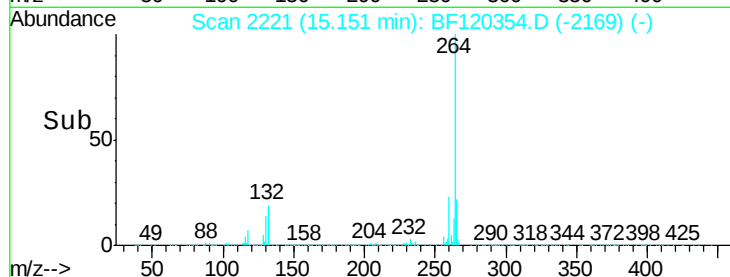
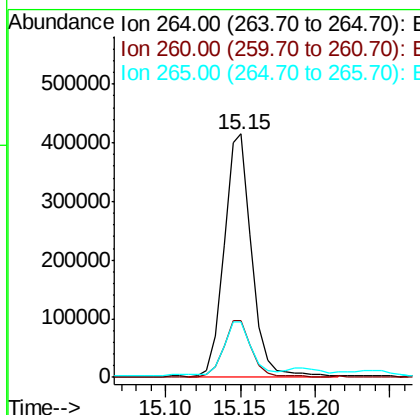
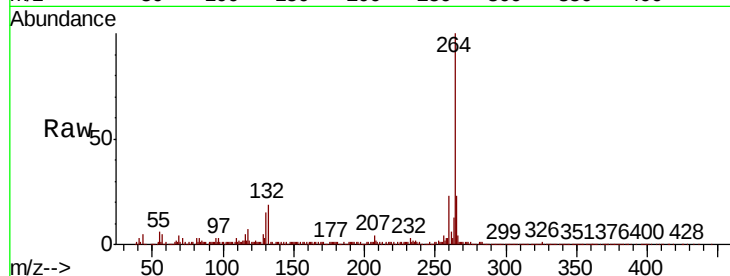
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.5	17.5	26.3

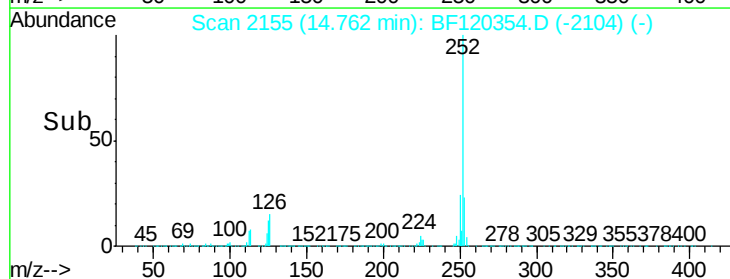
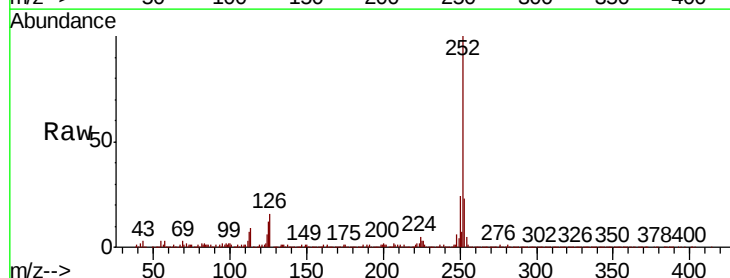
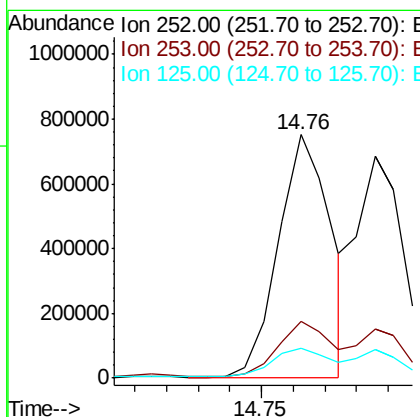
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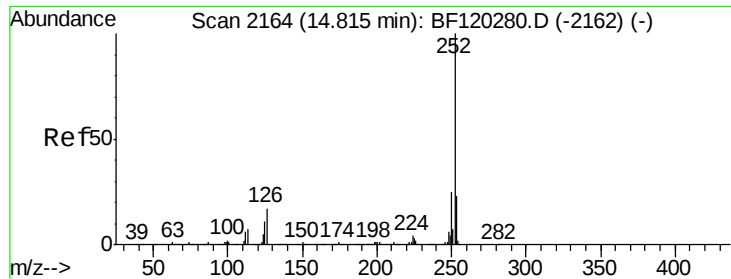
mohammad
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#88
Benzo(b)fluoranthene
Concen: 29.534 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.2	10.4	15.6





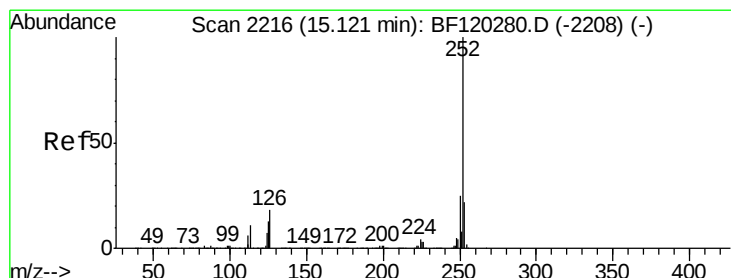
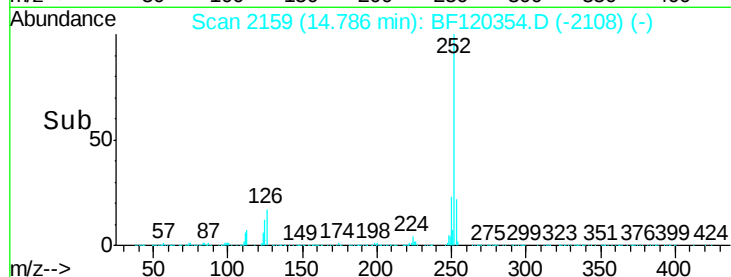
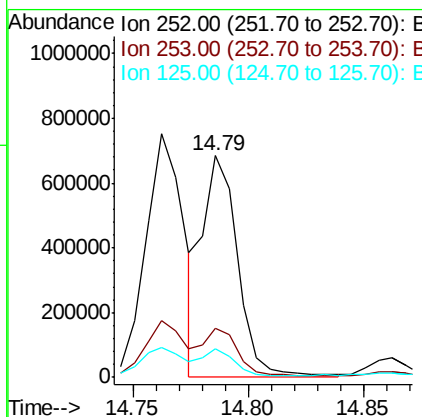
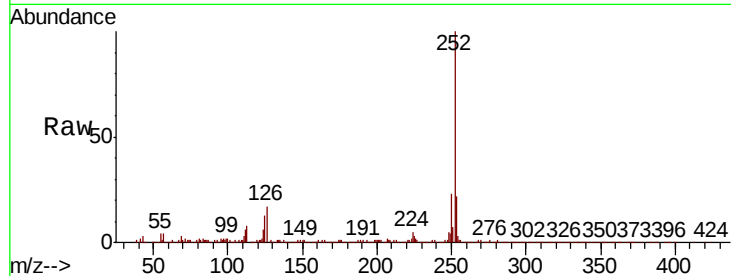
#89
Benzo(k)fluoranthene
Concen: 28.437 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.7	9.9	14.9

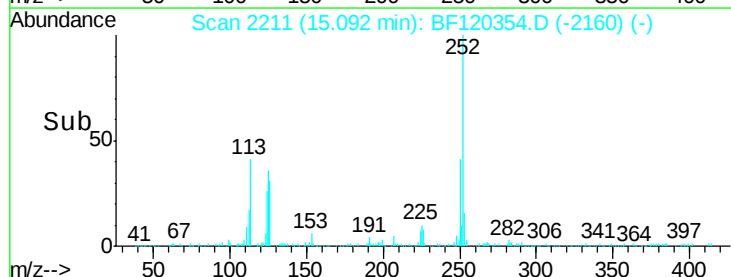
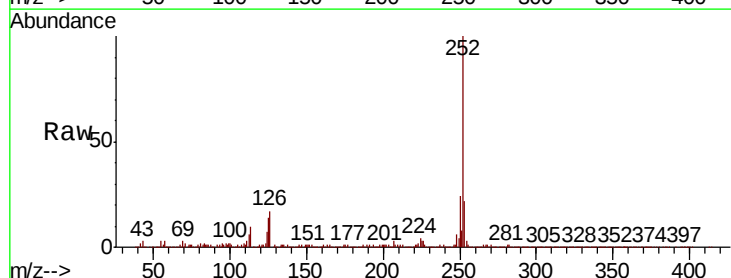
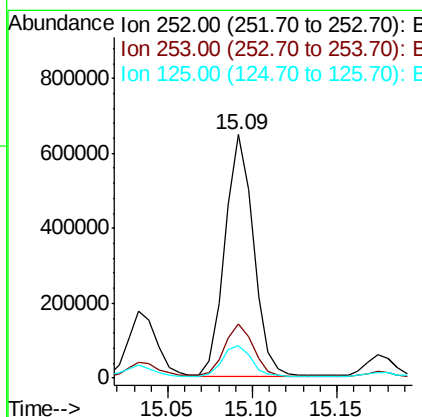
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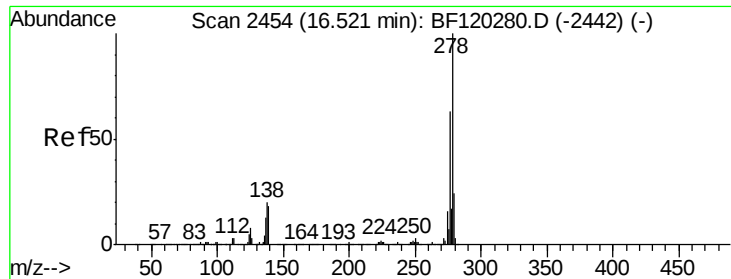
mohammad
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#90
Benzo(a)pyrene
Concen: 29.368 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	13.6	10.6	16.0





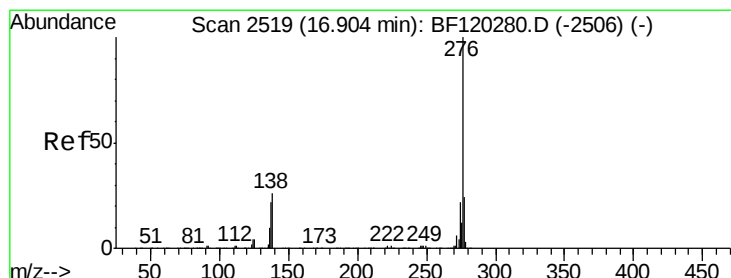
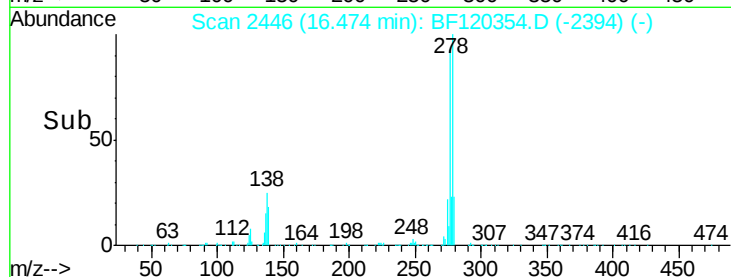
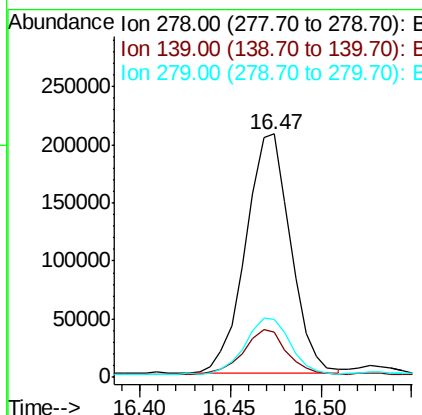
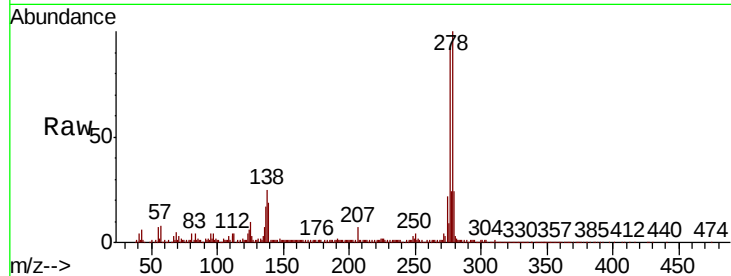
#91
Dibenzo(a,h)anthracene
Concen: 15.416 ng
RT: 16.47 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.7	22.1
279	24.1	19.2	28.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 18.215 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120354.D
Acq: 18 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	24.6	20.8	31.2

