

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121481.D
 Acq On : 31 Aug 2020 16:59
 Operator : JU/CG
 Sample : L3833-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Manual Integrations
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mohammad
 9/2/2020 1:55:54 PM

Quant Time: Aug 31 17:34:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	342922	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1310801	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	690494	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1269721	20.00	ng	0.00
76) Chrysene-d12	14.03	240	766124	20.00	ng	0.00
86) Perylene-d12	15.50	264	770126	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2277153	111.41	ng	0.01
7) Phenol-d6	6.49	99	3078280	107.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	2020236	105.37	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	951560	136.44	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3476892	81.25	ng	0.00
79) Terphenyl-d14	12.97	244	3300958	90.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	358972	36.827	ng	99
3) Pyridine	3.46	79	862114	32.478	ng	98
4) n-Nitrosodimethylamine	3.42	42	457844	39.020	ng	92
6) Aniline	6.52	93	987590	29.140	ng	99
8) 2-Chlorophenol	6.65	128	986112	47.536	ng	98
9) Benzaldehyde	6.41	77	566877	40.369	ng	98
10) Phenol	6.50	94	1225485	43.858	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	933820	41.134	ng	98
12) 1,3-Dichlorobenzene	6.80	146	982030	39.317	ng	99
13) 1,4-Dichlorobenzene	6.88	146	999127	39.915	ng	100
14) 1,2-Dichlorobenzene	7.03	146	970268	41.629	ng	98
15) Benzyl Alcohol	7.00	79	824213	43.963	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1342912	39.930	ng	99
17) 2-Methylphenol	7.12	107	787937	43.655	ng	99
18) Hexachloroethane	7.37	117	369761	43.162	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	676778	42.398	ng	97
20) 3+4-Methylphenols	7.27	107	927871	42.482	ng	98
22) Acetophenone	7.27	105	1250644	38.711	ng	# 97
24) Nitrobenzene	7.45	77	1004187	52.250	ng	96
25) Isophorone	7.69	82	1871156	43.389	ng	100
26) 2-Nitrophenol	7.76	139	504004	57.615	ng	98
27) 2,4-Dimethylphenol	7.80	122	903869	50.534	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1193476	40.698	ng	99
29) 2,4-Dichlorophenol	8.00	162	815316	46.166	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	859279	39.718	ng	100
31) Naphthalene	8.17	128	2636927	40.521	ng	100
32) Benzoic acid	7.93	122	599442	51.597	ng	99
33) 4-Chloroaniline	8.21	127	433866	14.969	ng	99
34) Hexachlorobutadiene	8.29	225	499431	38.819	ng	98
35) Caprolactam	8.59	113	268225m	46.567	ng	
36) 4-Chloro-3-methylphenol	8.70	107	840754	45.152	ng	99
37) 2-Methylnaphthalene	8.86	142	1843409	42.755	ng	99
38) 1-Methylnaphthalene	8.96	142	1739705	42.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	833749	40.733	ng	99

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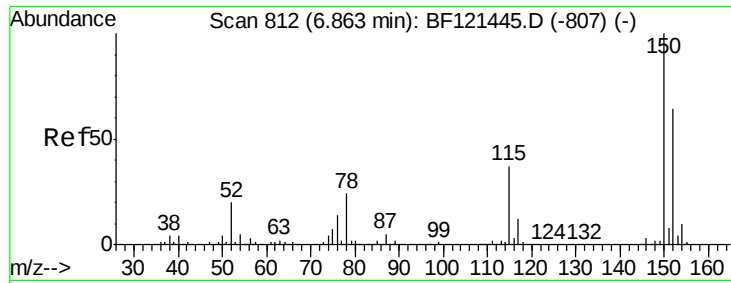
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	809743	94.075	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	602869	46.600	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	619824	48.451	nq	99
46) 1,1'-Biphenyl	9.33	154	2177050	41.782	nq	97
47) 2-Chloronaphthalene	9.35	162	1647025	38.457	nq	99
48) 2-Nitroaniline	9.45	65	547519	45.888	nq	88
49) Acenaphthylene	9.76	152	2686535	41.820	nq	100
50) Dimethylphthalate	9.63	163	2144393	45.211	nq	100
51) 2,6-Dinitrotoluene	9.69	165	452396	50.505	nq	93
52) Acenaphthene	9.94	154	1762638	43.454	nq	100
53) 3-Nitroaniline	9.85	138	269537	26.547	nq	# 98
54) 2,4-Dinitrophenol	9.96	184	295818	75.513	nq	91
55) Dibenzofuran	10.11	168	2404936	40.815	nq	99
56) 4-Nitrophenol	10.02	139	770232	83.703	nq	93
57) 2,4-Dinitrotoluene	10.09	165	591003	53.096	nq	97
58) Fluorene	10.45	166	1800248	40.529	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	532942	50.037	nq	99
60) Diethylphthalate	10.33	149	2002841	42.030	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	893987	40.169	nq	99
62) 4-Nitroaniline	10.47	138	428688	38.028	nq	96
63) Azobenzene	10.60	77	1916212	40.663	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	215826	54.271	nq	81
66) n-Nitrosodiphenylamine	10.56	169	1682462	41.896	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	586366	41.979	nq	99
68) Hexachlorobenzene	11.00	284	660377	40.430	nq	99
69) Atrazine	11.09	200	481725	41.362	nq	97
70) Pentachlorophenol	11.19	266	754214	101.071	nq	97
71) Phenanthrene	11.42	178	3083658	47.325	nq	99
72) Anthracene	11.46	178	2741700	42.781	nq	100
73) Carbazole	11.62	167	2526978	40.890	nq	100
74) Di-n-butylphthalate	11.95	149	2964457	43.180	nq	100
75) Fluoranthene	12.60	202	3926533	55.913	nq	99
77) Benzidine	12.72	184	913990	54.702	nq	100
78) Pyrene	12.83	202	3691116	67.461	nq	98
80) Butylbenzylphthalate	13.45	149	1190172	56.462	nq	100
81) Benzo(a)anthracene	14.02	228	2364566	50.559	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	607365	35.456	nq	99
83) Chrysene	14.06	228	2457649	52.526	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1544924	56.747	nq	100
85) Di-n-octyl phthalate	14.62	149	2520648	54.633	nq	98
87) Indeno(1,2,3-cd)pyrene	16.97	276	2440581	51.506	nq	99
88) Benzo(b)fluoranthene	15.07	252	2744167	54.778	nq	100
89) Benzo(k)fluoranthene	15.10	252	1936288	41.555	nq	99
90) Benzo(a)pyrene	15.44	252	2140627	47.520	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1730872	44.624	nq	99
92) Benzo(g,h,i)perylene	17.42	276	2100912	56.228	nq	98

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



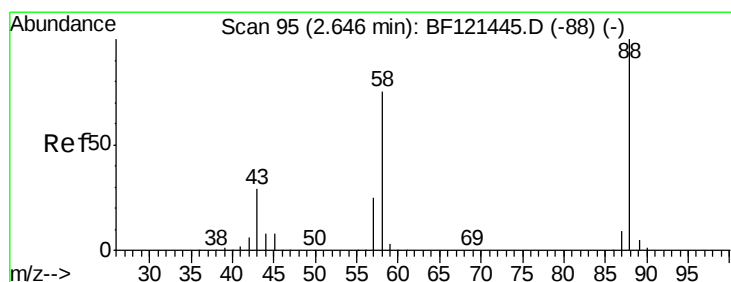
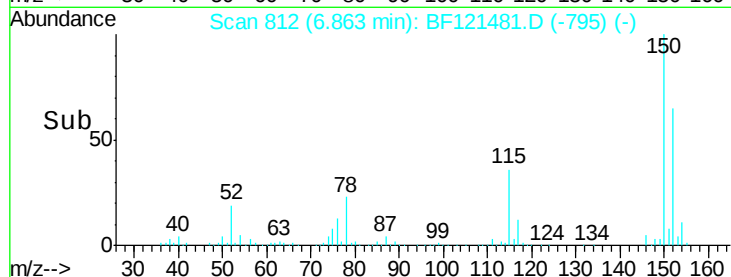
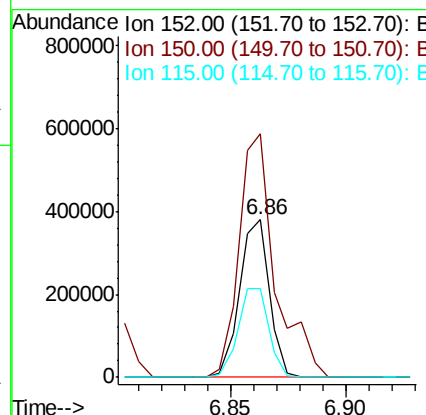
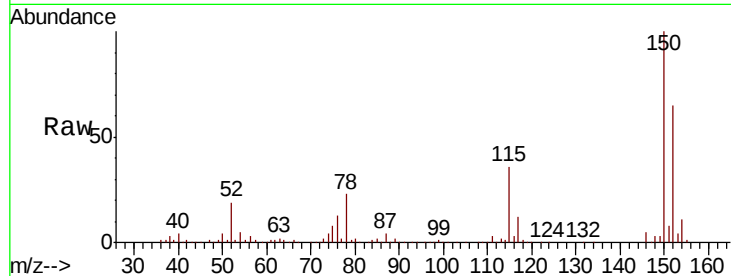
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.8	188.6
115	56.1	46.6	69.8

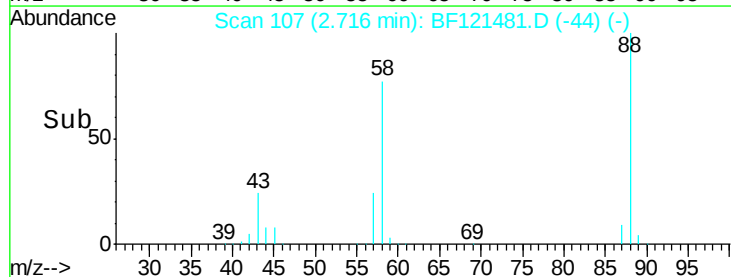
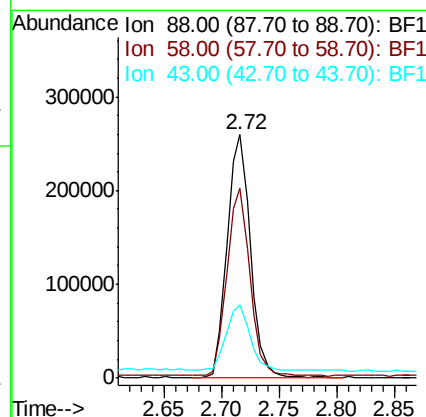
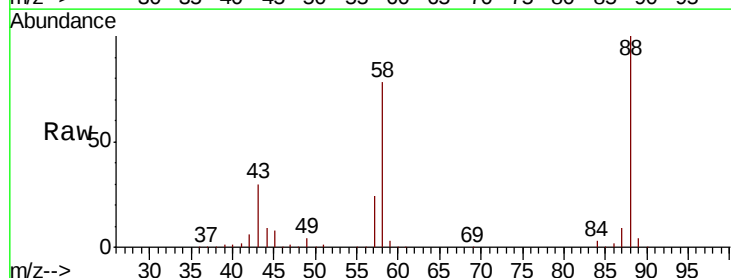
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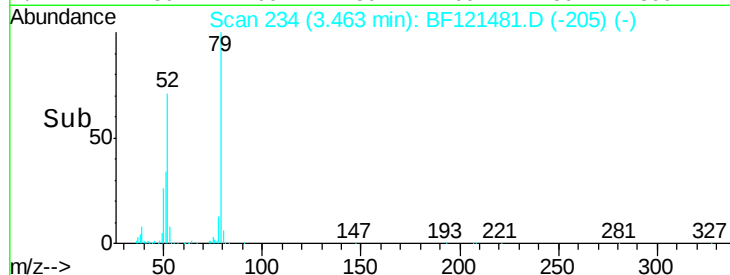
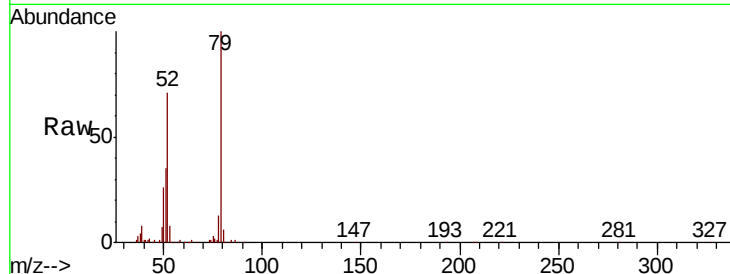
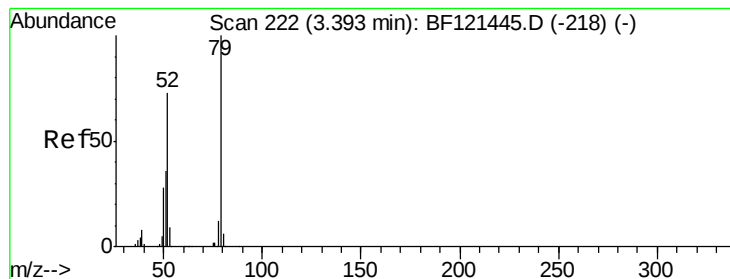
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#2
 1,4-Dioxane
 Concen: 36.827 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.07 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	61.1	91.7
43	28.0	23.4	35.0





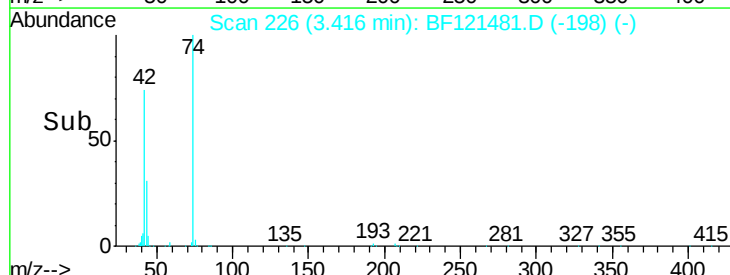
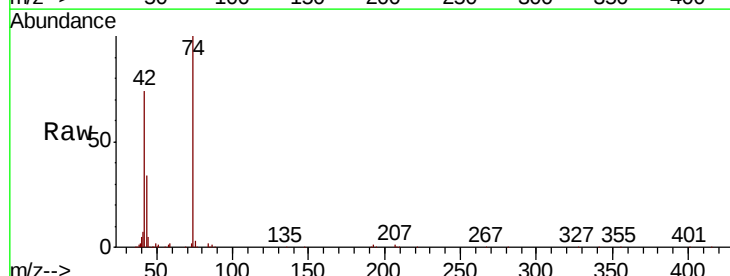
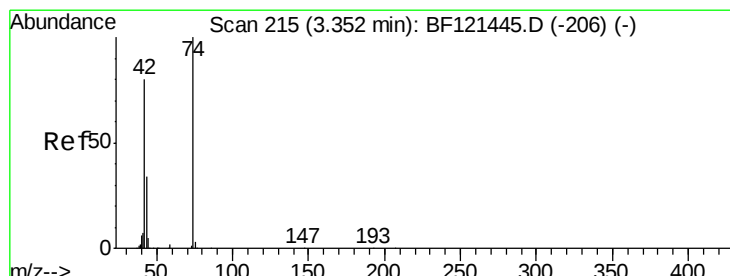
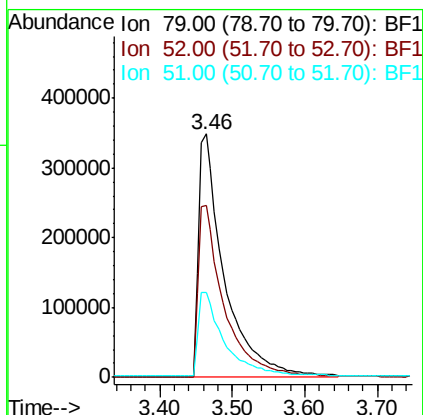
#3
Pvridine
Concen: 32.478 ng
RT: 3.46 min Scan# 234
Delta R.T. 0.07 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	862114		
52	52	70.8		58.2	87.4
51	51	35.0		29.1	43.7

Instrument :
BNA_F
ClientSampleId :
12018MS

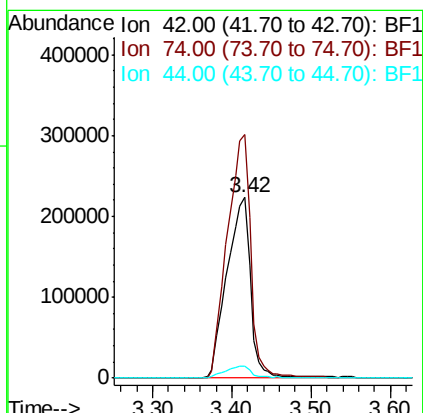
Manual Integrations
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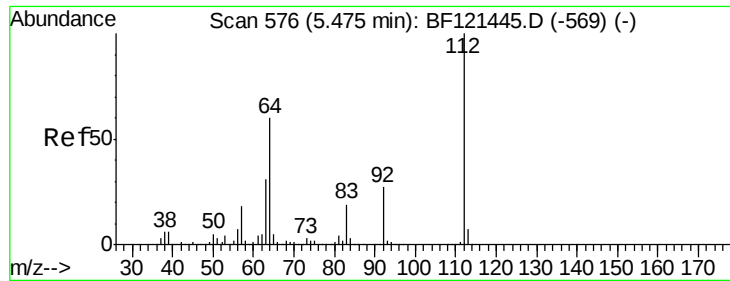
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#4
n-Nitrosodimethylamine
Concen: 39.020 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.06 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	457844		
74	74	134.8		100.2	150.4
44	44	6.9		5.4	8.0





#5

2-Fluorophenol

Concen: 111.410 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampled :

12018MS

Tot Ion: 112 Resp: 2277153

Ion Ratio Lower Upper

112 100

64 61.4 48.2 72.2

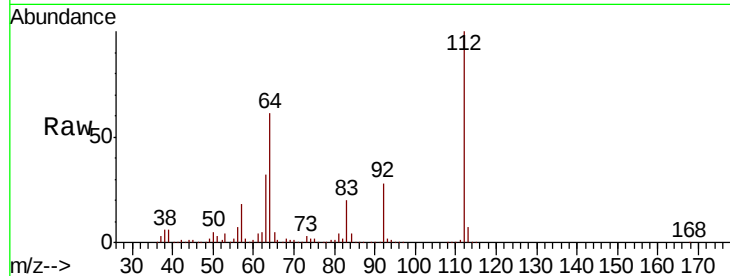
63 31.7 24.8 37.2

Manual Integrations

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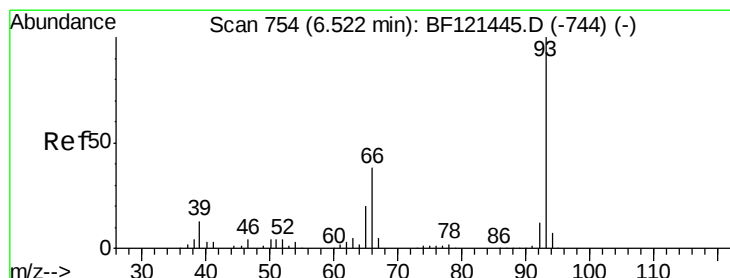
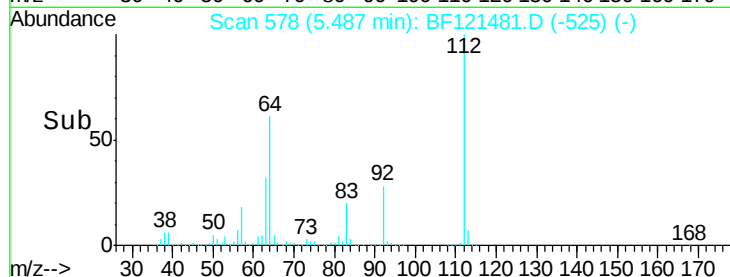
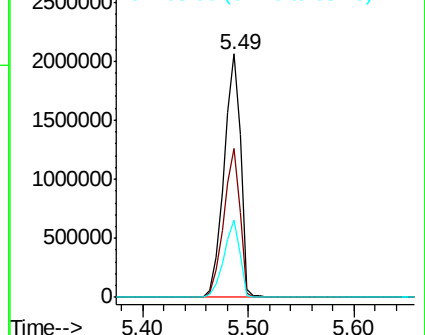
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.140 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

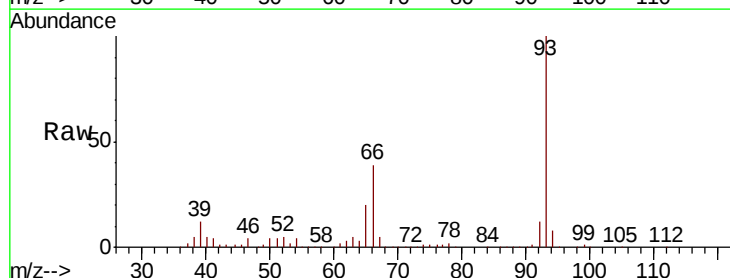
Tgt Ion: 93 Resp: 987590

Ion Ratio Lower Upper

93 100

66 39.1 30.9 46.3

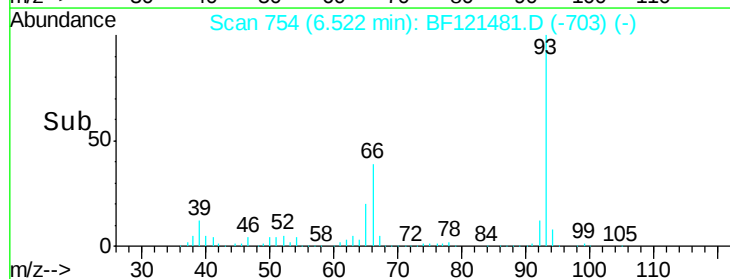
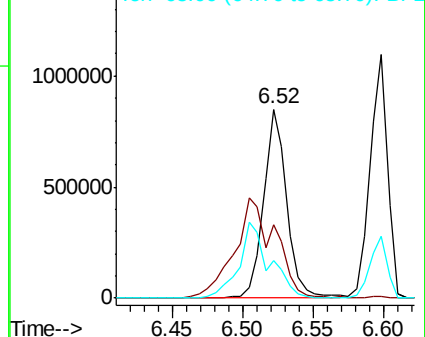
65 19.9 15.9 23.9

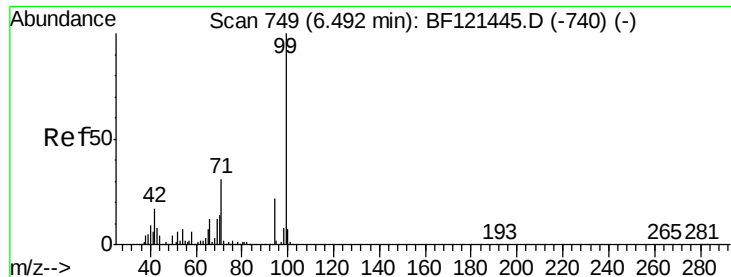


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.770 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampled :

12018MS

Tot Ion: 99 Resp: 3078280

Ion Ratio Lower Upper

99 100

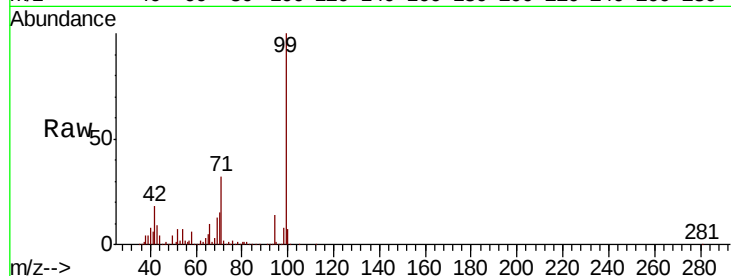
42 17.5 13.5 20.3

71 32.3 24.6 37.0

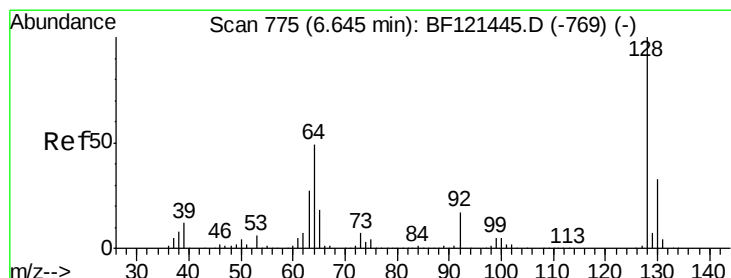
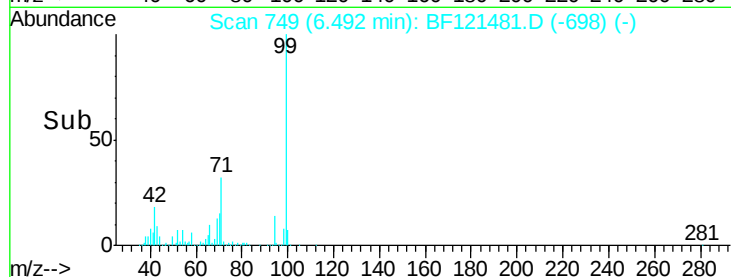
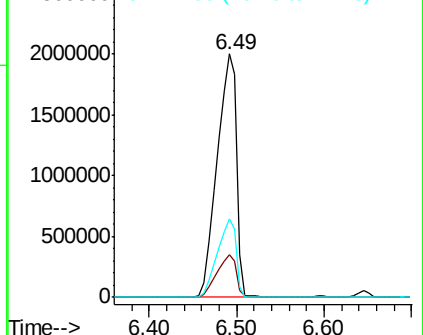
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.536 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

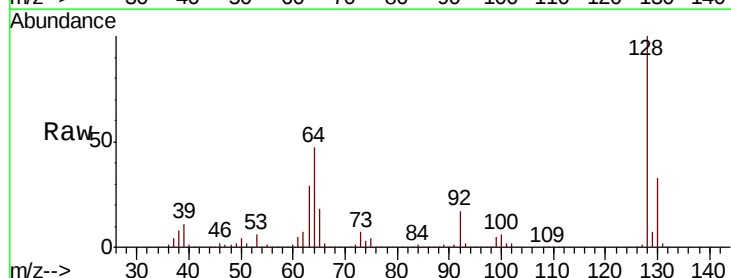
Tgt Ion: 128 Resp: 986112

Ion Ratio Lower Upper

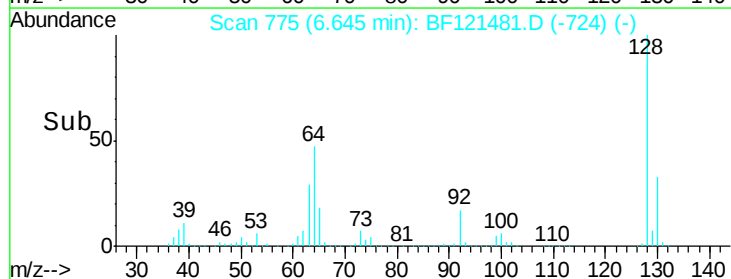
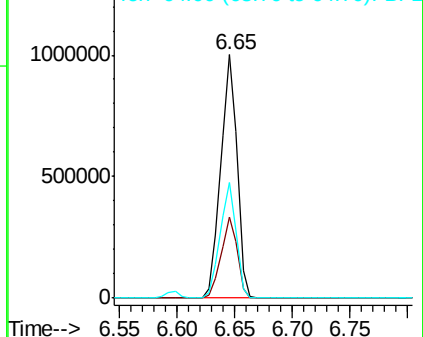
128 100

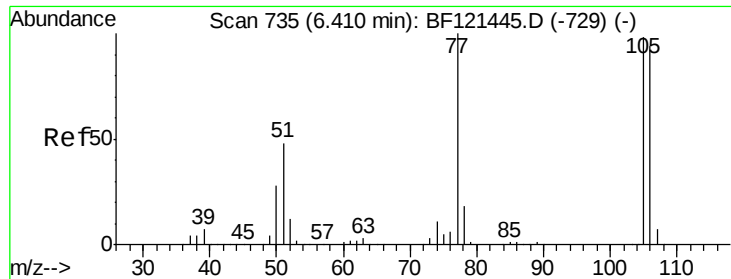
130 33.5 12.6 52.6

64 47.4 29.5 69.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





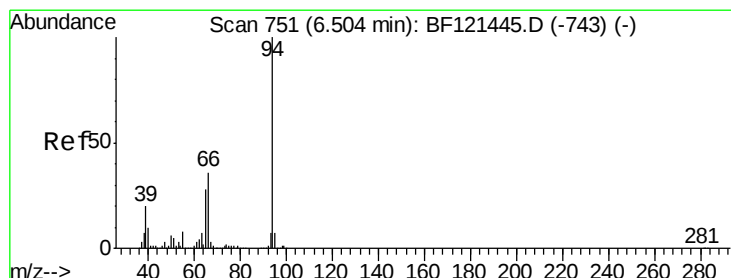
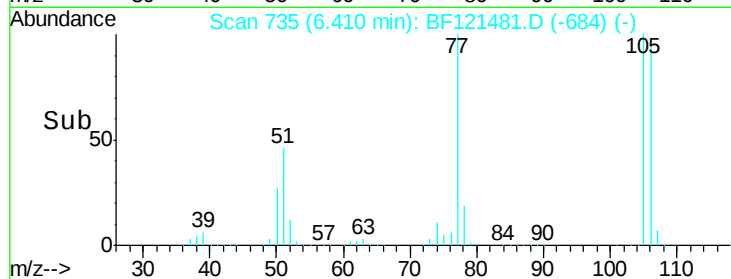
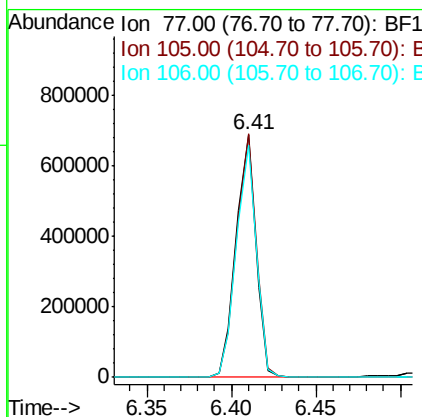
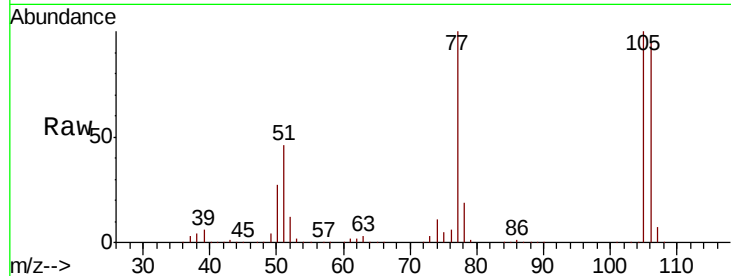
#9
Benzaldehyde
Concen: 40.369 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
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12018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.4	78.1	118.1		
106	95.5	74.3	114.3		

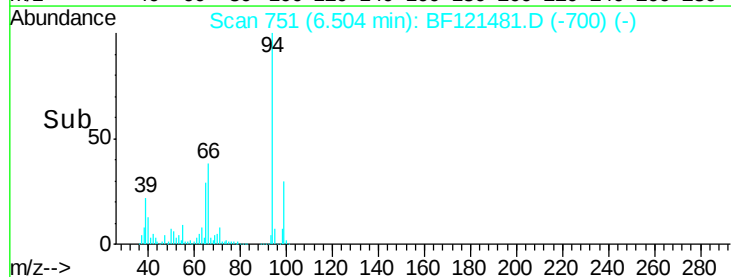
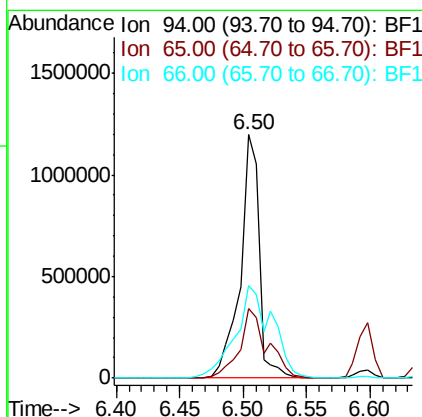
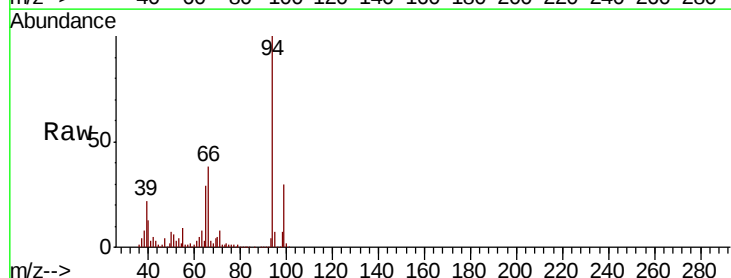
Manual Integrations
APPROVED

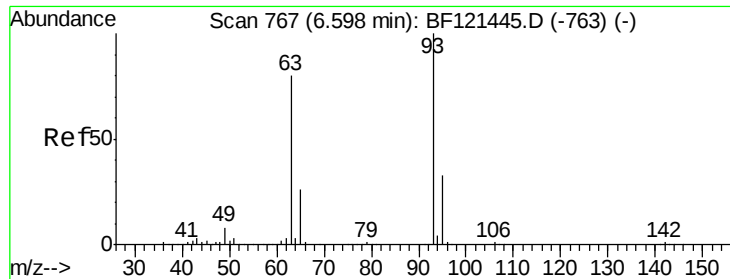
mohammad
9/2/2020 1:55:54 PM



#10
Phenol
Concen: 43.858 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.7	7.9	47.9		
66	37.8	16.0	56.0		





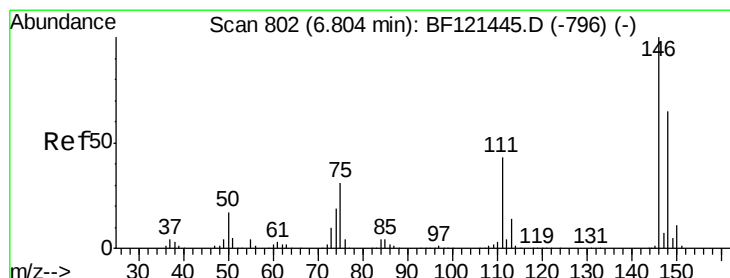
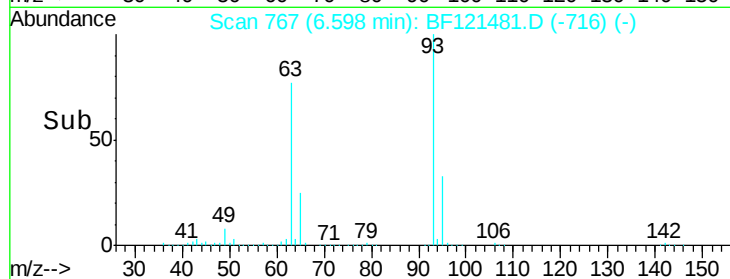
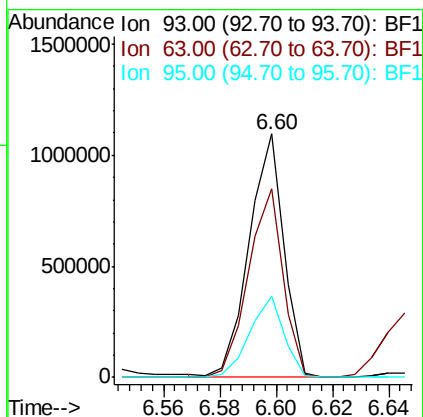
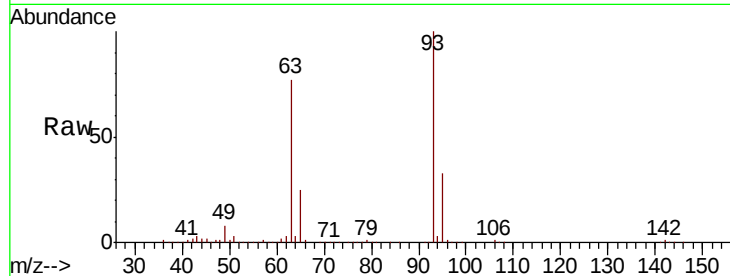
#11
bis(2-Chloroethyl)ether
Concen: 41.134 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampled :
12018MS

Tot Ion:	93	Resp:	933820
Ion	Ratio	Lower	Upper
93	100		
63	77.2	59.3	99.3
95	33.2	13.0	53.0

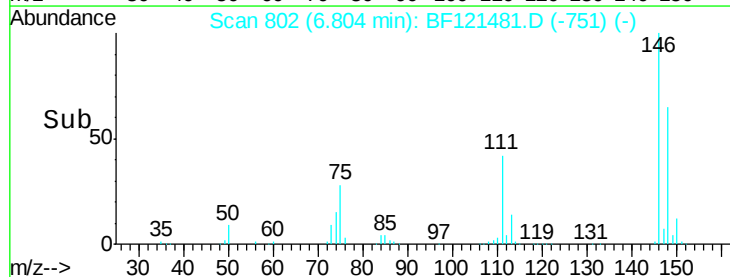
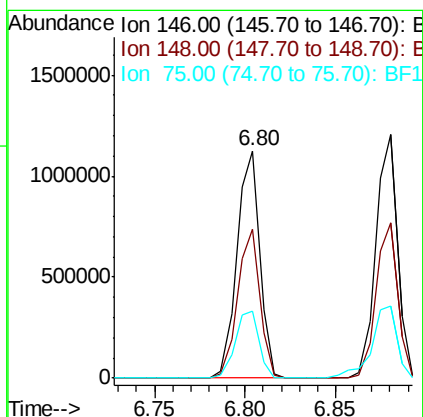
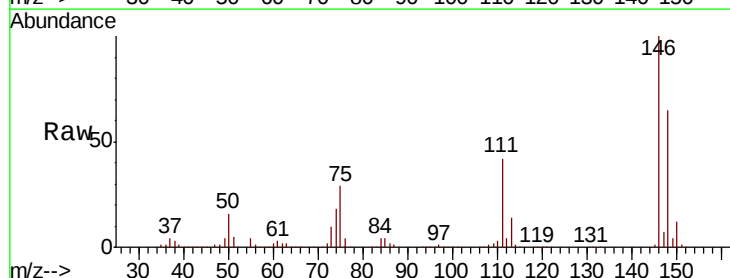
Manual Integrations
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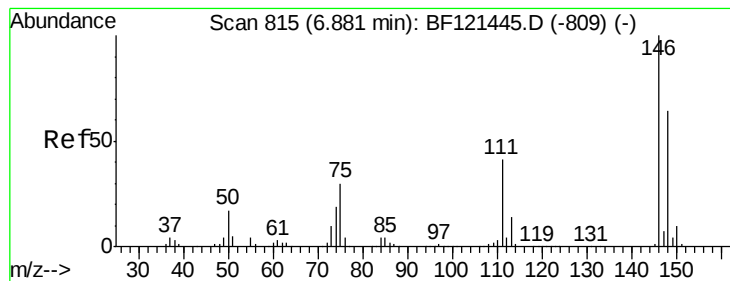
mohammad
9/2/2020 1:55:54 PM



#12
1,3-Dichlorobenzene
Concen: 39.317 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:	146	Resp:	982030
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
75	29.5	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 39.915 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

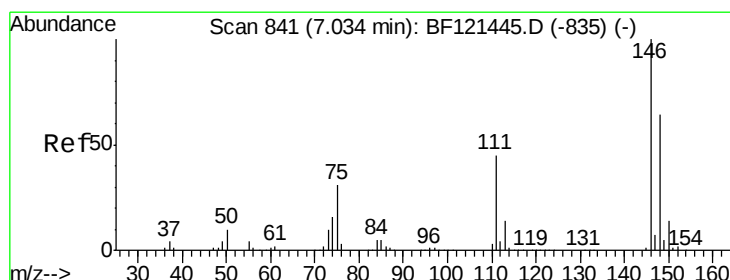
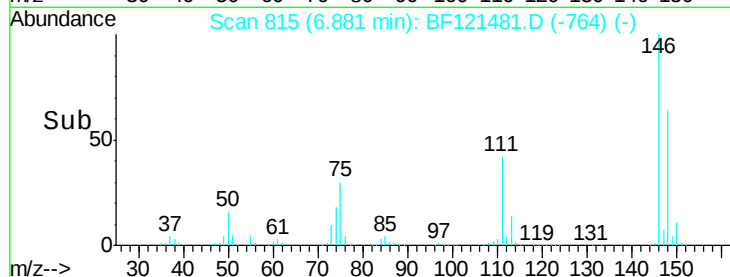
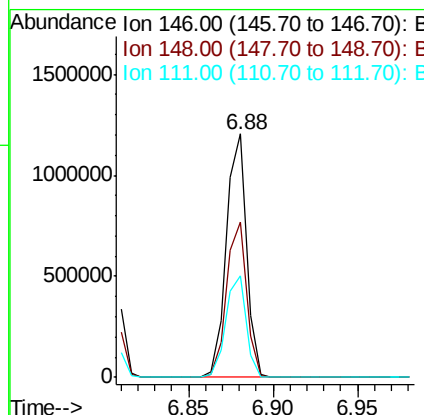
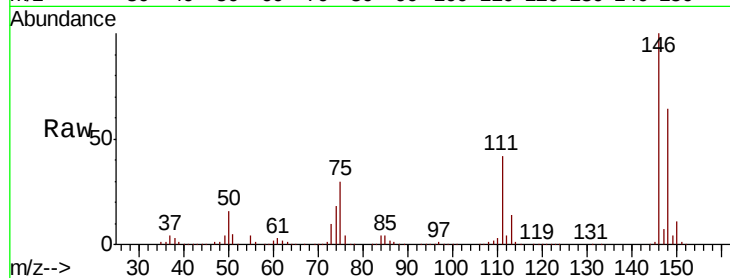
ClientSampleId :

12018MS

Tot Ion:	146	Resp:	999127
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.2	76.8
111	41.6	33.0	49.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.629 ng

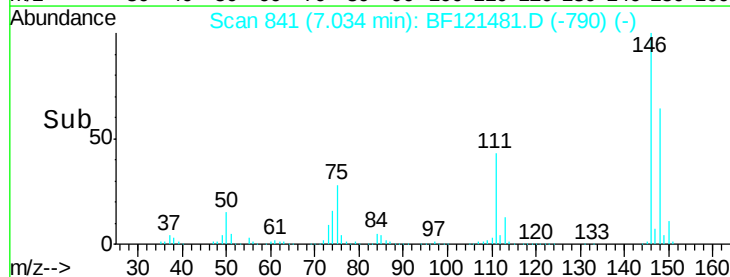
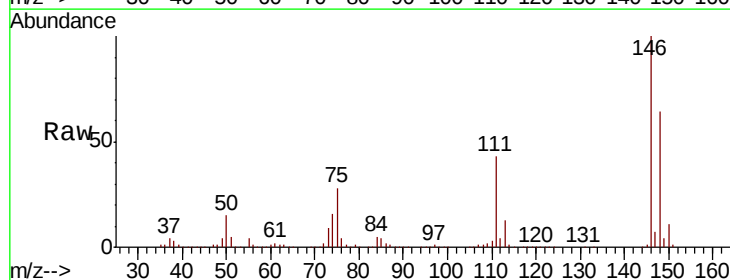
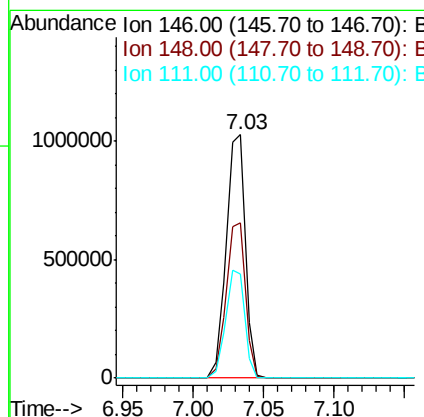
RT: 7.03 min Scan# 841

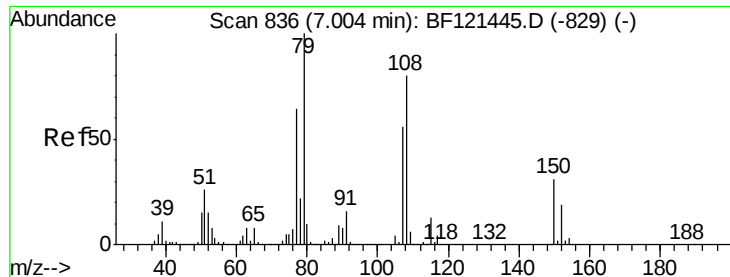
Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Tgt Ion:	146	Resp:	970268
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	42.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 43.963 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

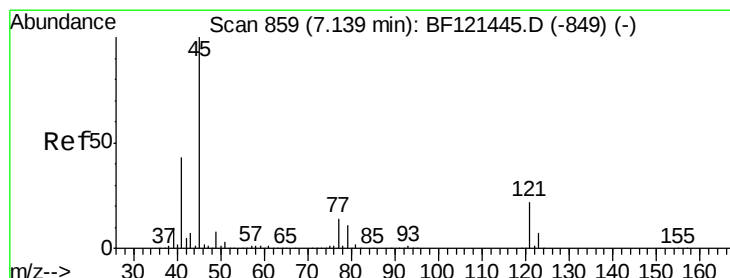
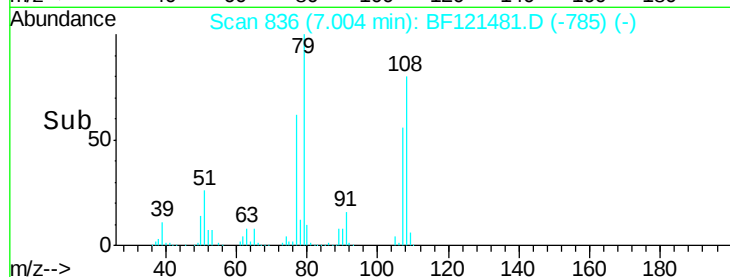
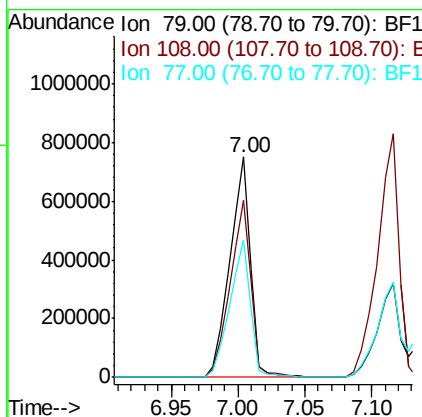
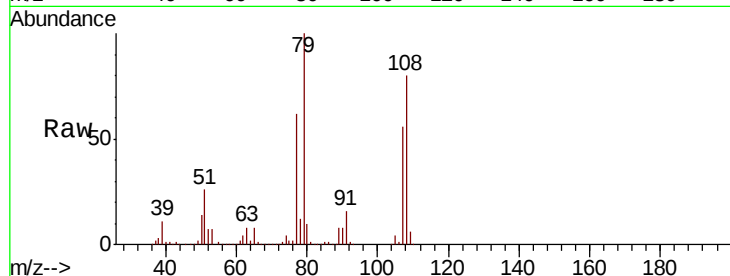
ClientSampled :

12018MS

Tot Ion:	79	Resp:	824213
Ion	Ratio	Lower	Upper
79	100		
108	80.3	64.0	96.0
77	62.2	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.930 ng

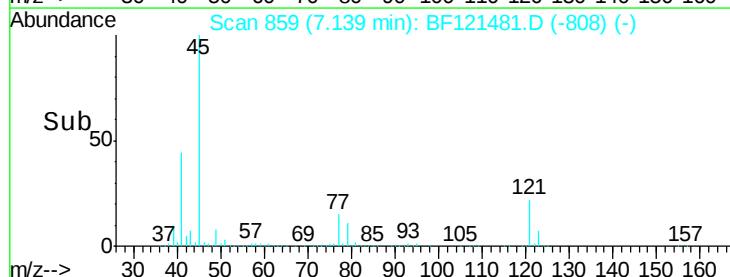
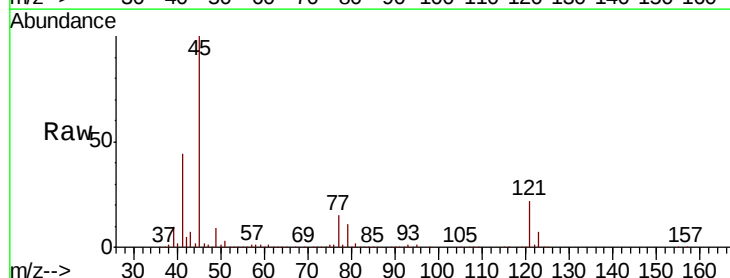
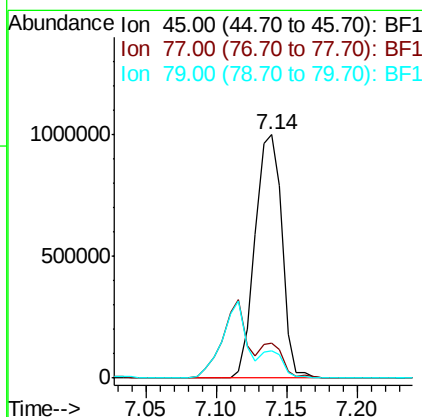
RT: 7.14 min Scan# 859

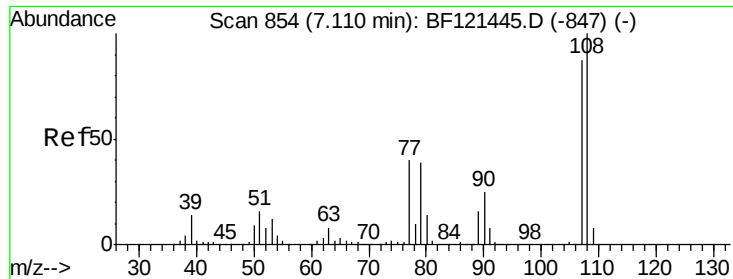
Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Tgt Ion:	45	Resp:	1342912
Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.8
79	11.2	0.0	31.1





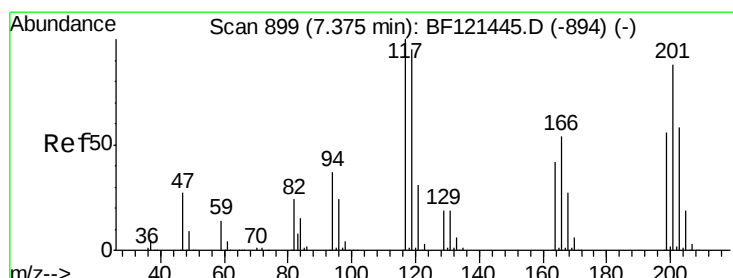
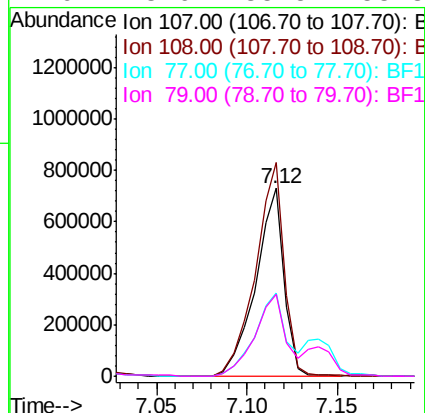
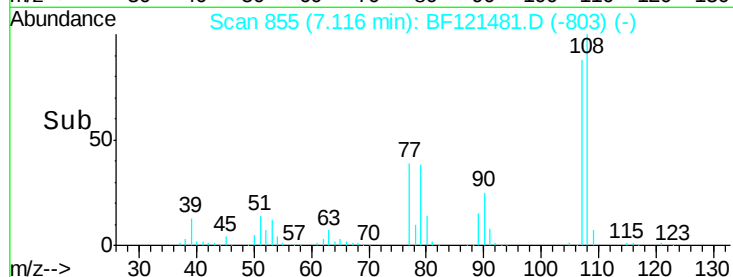
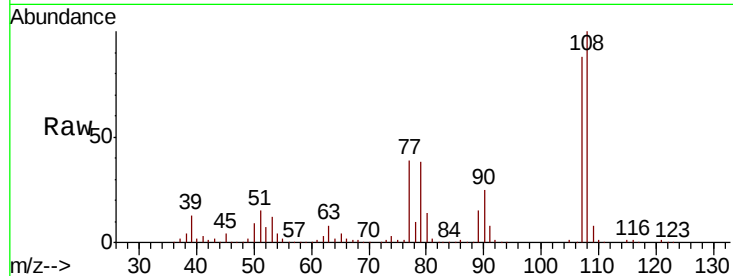
#17
2-Methylphenol
Concen: 43.655 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.8	91.7	137.5	
77	77	44.3	36.4	54.6	
79	79	43.6	35.5	53.3	

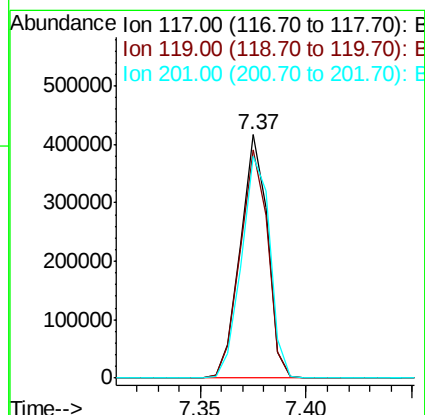
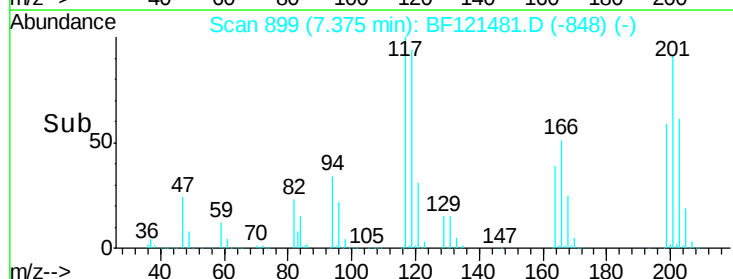
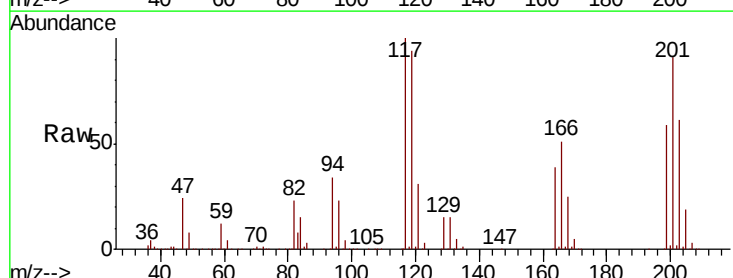
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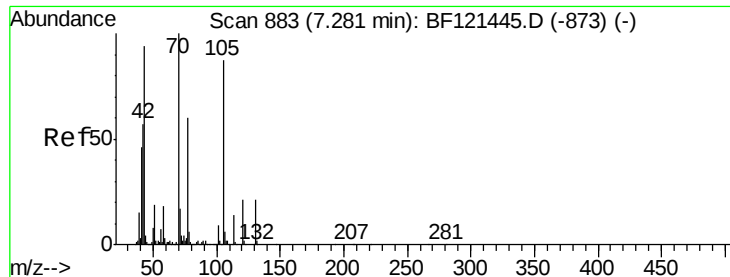
mohammad
9/2/2020 1:55:54 PM



#18
Hexachloroethane
Concen: 43.162 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	93.8	75.8	113.8	
201	201	91.1	70.4	105.6	





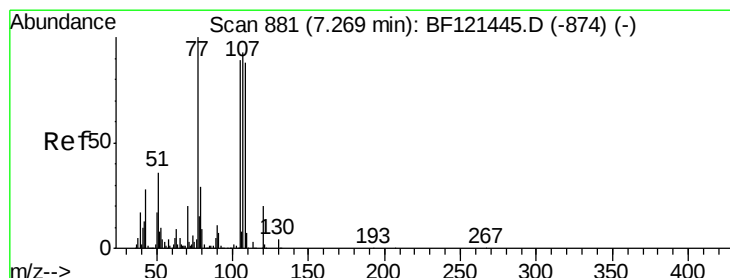
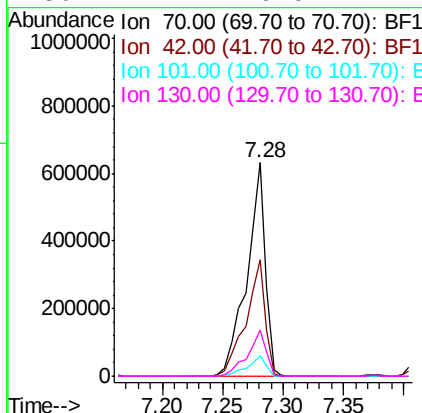
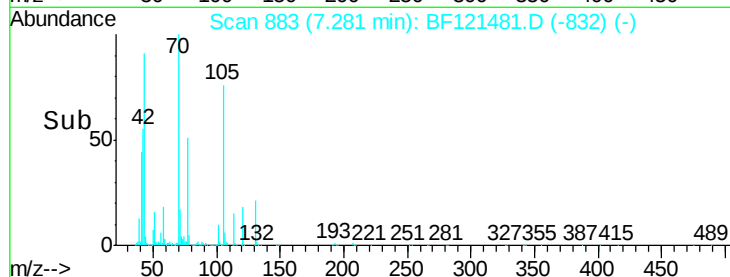
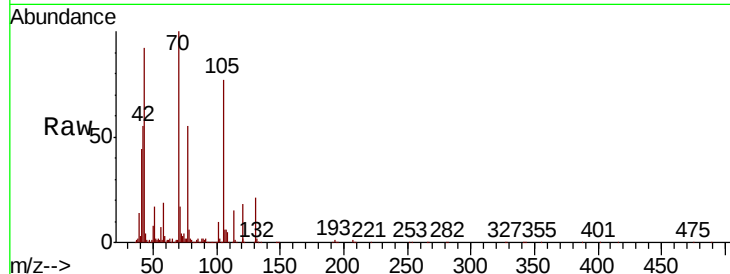
#19
n-Nitroso-di-n-propylamine
Concen: 42.398 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		676778		
42	54.7		45.8	68.6	
101	9.7		7.5	11.3	
130	21.4		16.5	24.7	

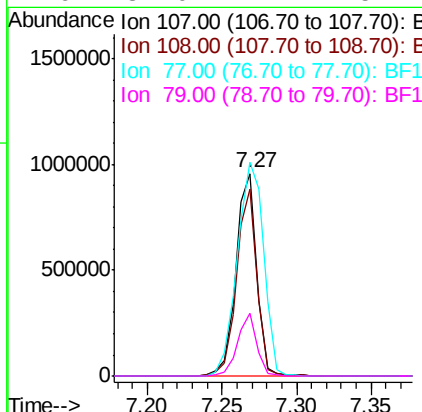
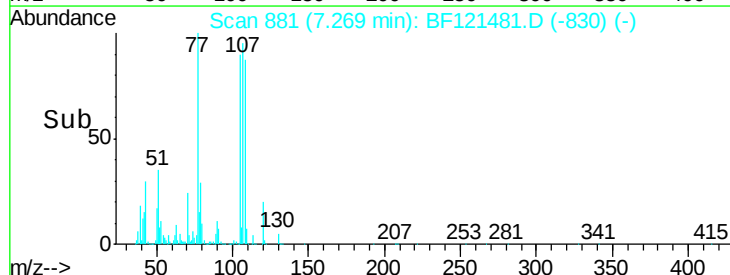
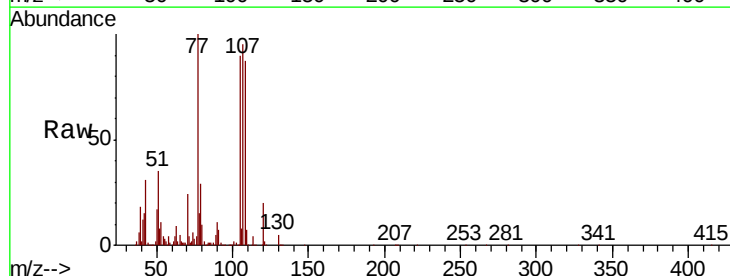
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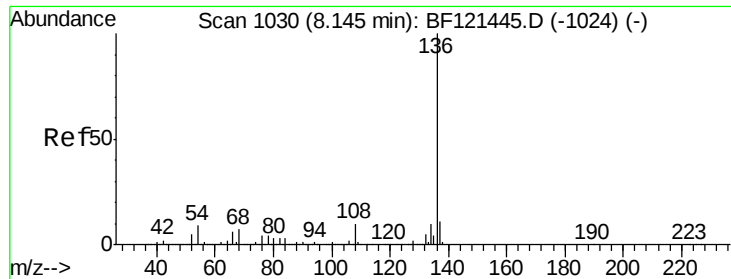
mohammad
9/2/2020 1:55:54 PM



#20
3+4-Methylphenols
Concen: 42.482 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		927871		
108	92.1		75.0	115.0	
77	105.6		87.5	127.5	
79	31.0		11.1	51.1	





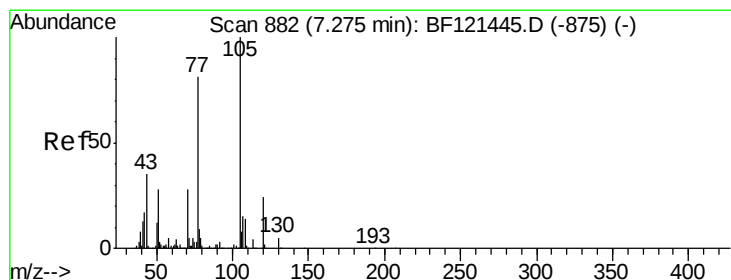
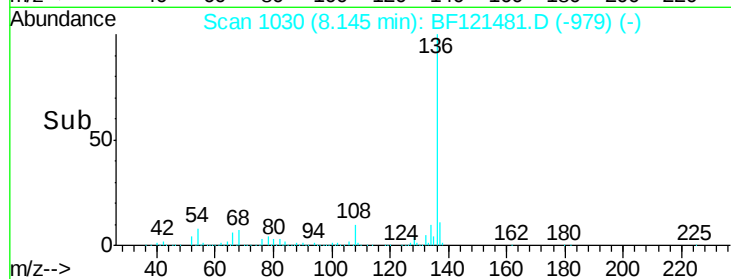
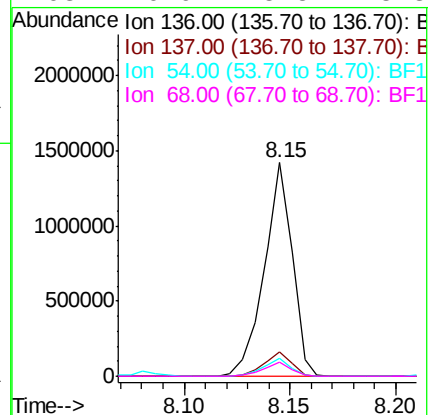
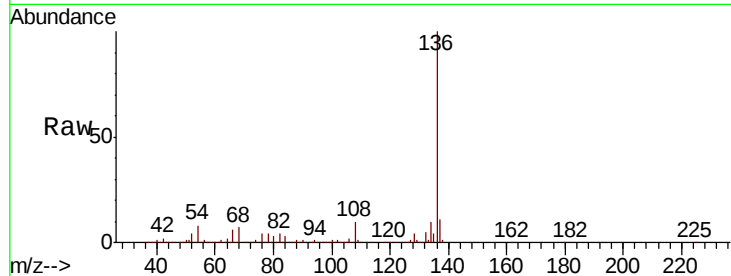
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1310801		
137	11.4	9.1	13.7		
54	8.5	7.0	10.4		
68	6.9	5.5	8.3		

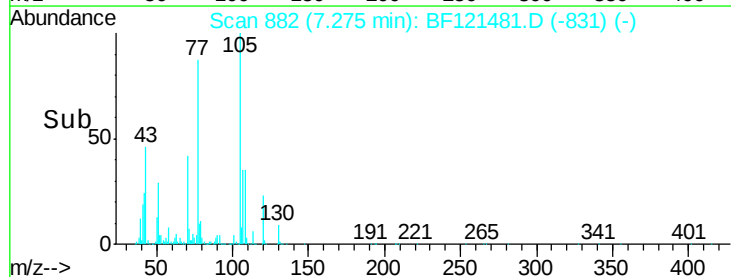
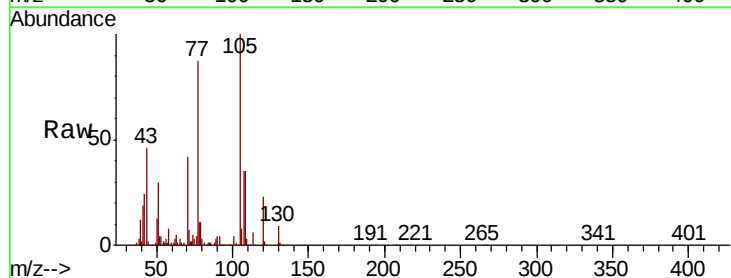
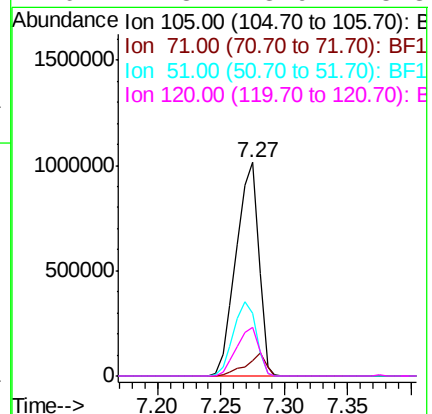
Manual Integrations
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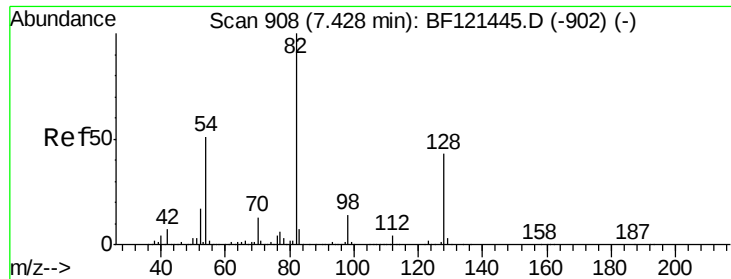
mohammad
9/2/2020 1:55:54 PM



#22
Acetophenone
Concen: 38.711 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1250644		
71	7.3	3.8	5.6#		
51	29.6	22.6	33.8		
120	22.8	18.9	28.3		





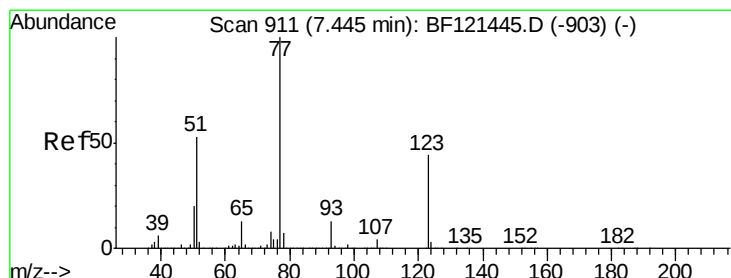
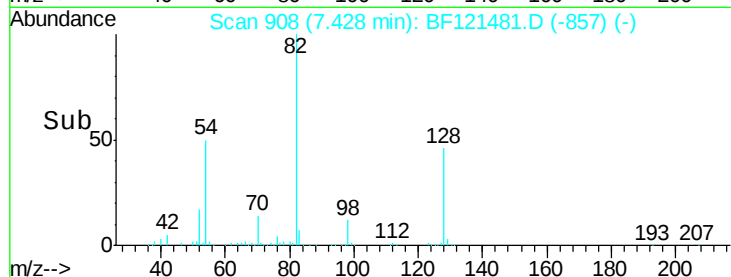
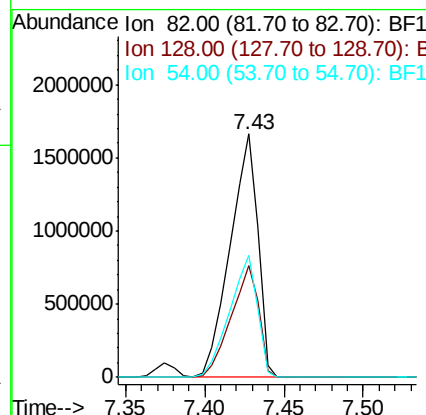
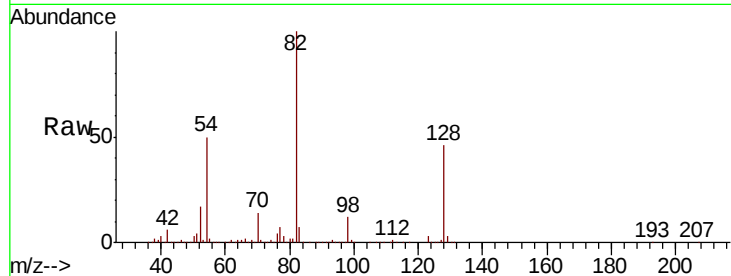
#23
Nitrobenzene-d5
Concen: 105.367 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	82	Resp	2020236
Ion Ratio	100	Lower	Upper
82	100		
128	46.0	34.1	51.1
54	50.2	41.0	61.6

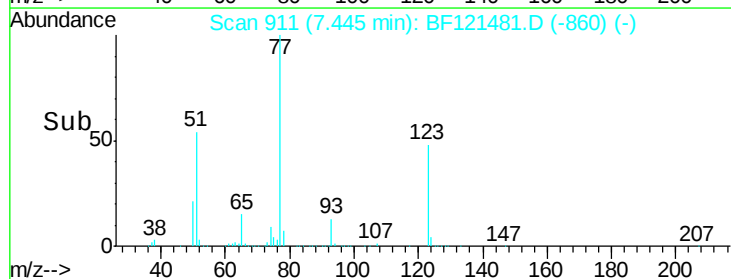
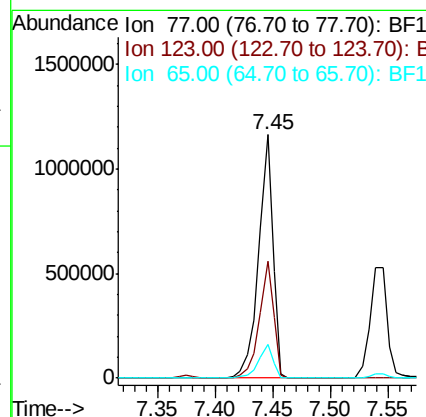
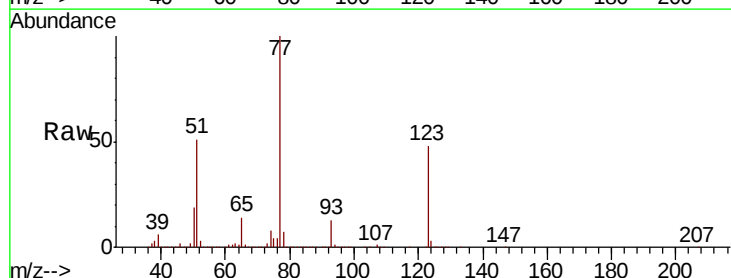
Manual Integrations
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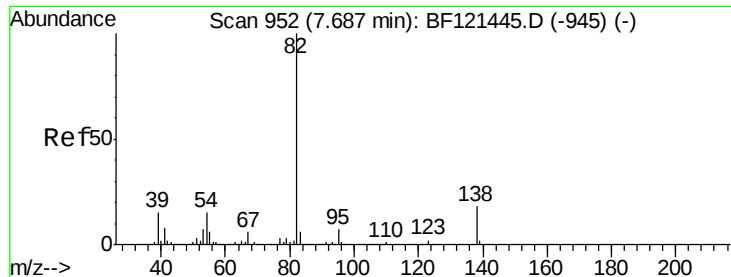
mohammad
9/2/2020 1:55:54 PM



#24
Nitrobenzene
Concen: 52.250 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	77	Resp	1004187
Ion Ratio	100	Lower	Upper
77	100		
123	47.8	35.5	53.3
65	13.8	10.6	16.0





#25

Isophorone

Concen: 43.389 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

Tot Ion: 82 Resp: 1871156

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

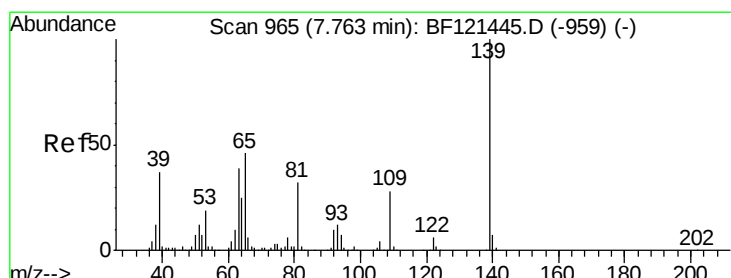
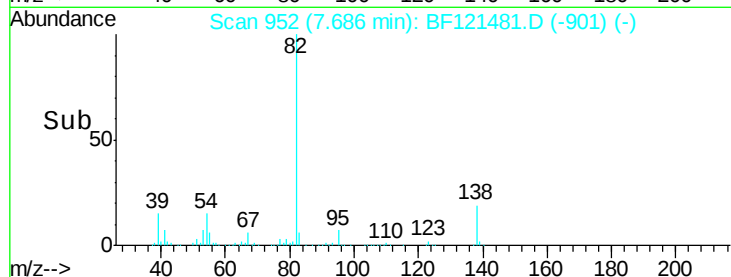
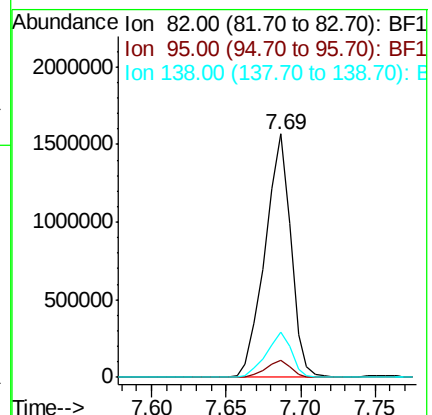
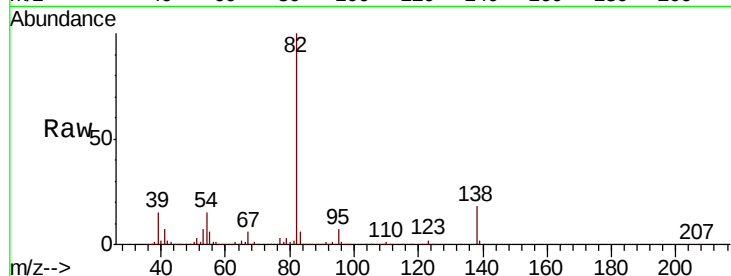
138 18.4 14.8 22.2

Manual Integrations

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mohammad

9/2/2020 1:55:54 PM



#26

2-Nitrophenol

Concen: 57.615 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

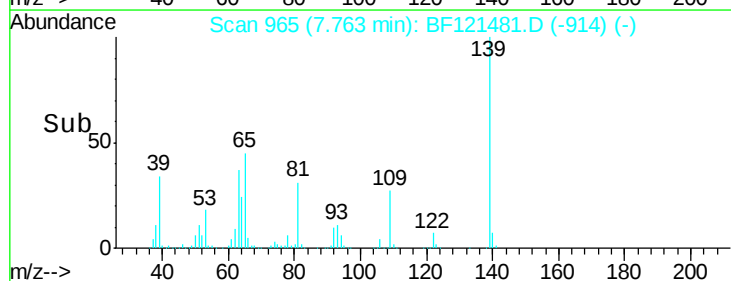
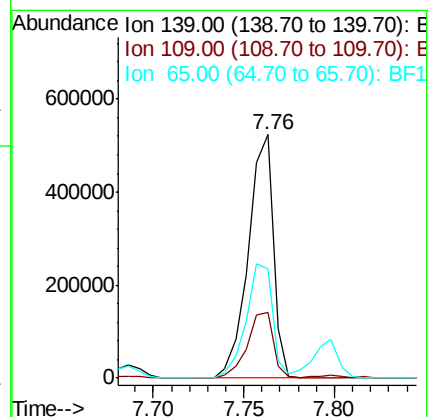
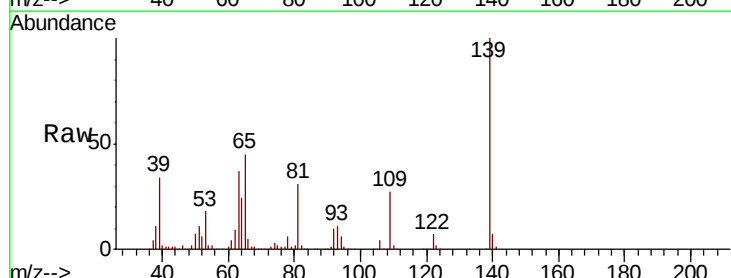
Tgt Ion: 139 Resp: 504004

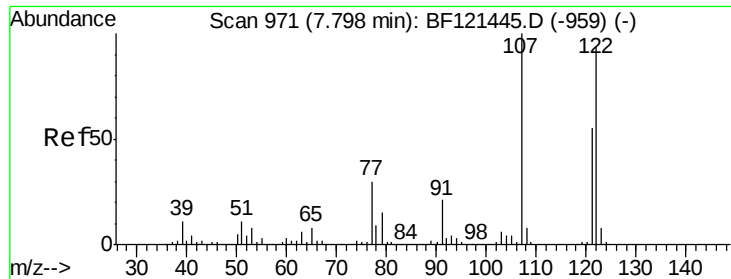
Ion Ratio Lower Upper

139 100

109 27.0 22.1 33.1

65 45.0 37.2 55.8





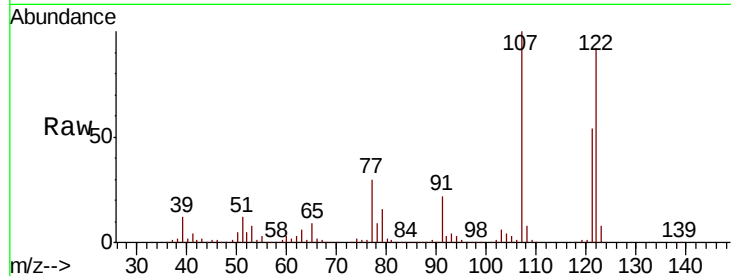
#27
2,4-Dimethylphenol
Concen: 50.534 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampled :
12018MS

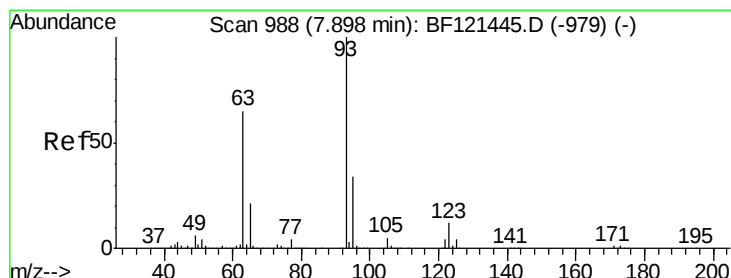
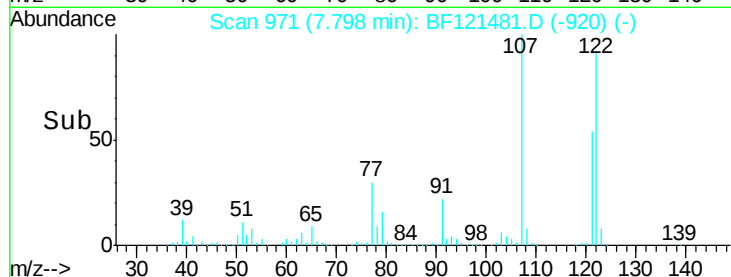
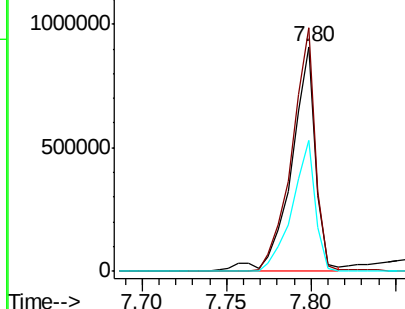
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	84.9	127.3
121	58.4	46.4	69.6

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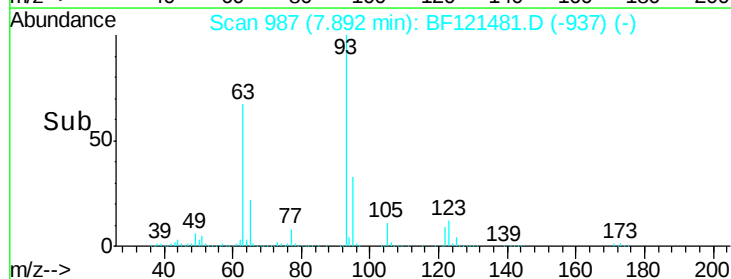
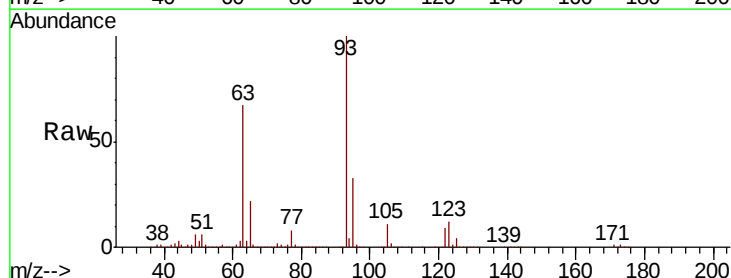
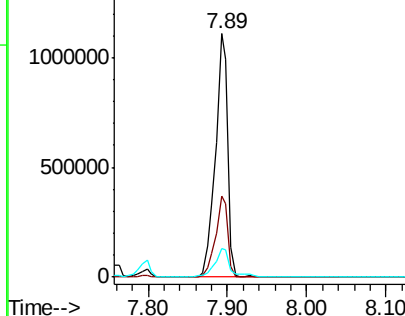
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

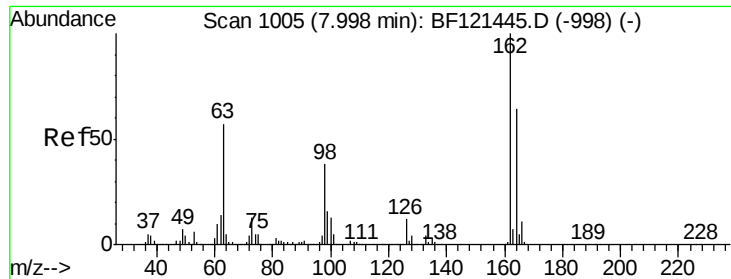


#28
bis(2-Chloroethoxy)methane
Concen: 40.698 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	11.9	9.6	14.4

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





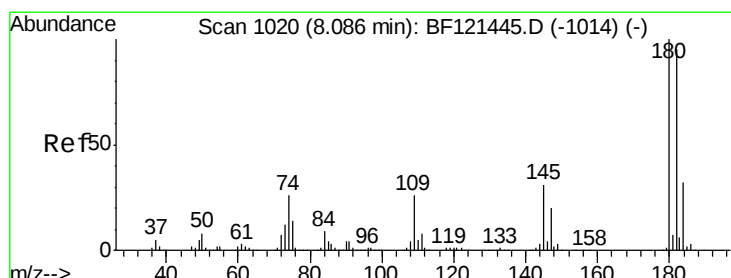
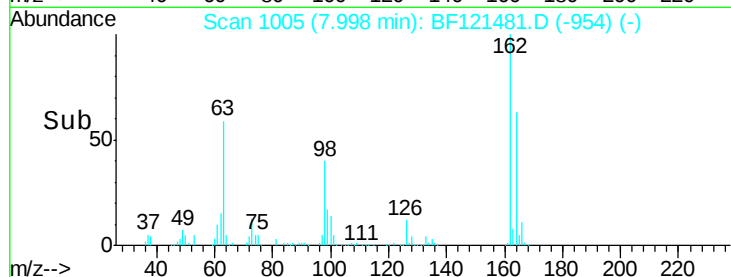
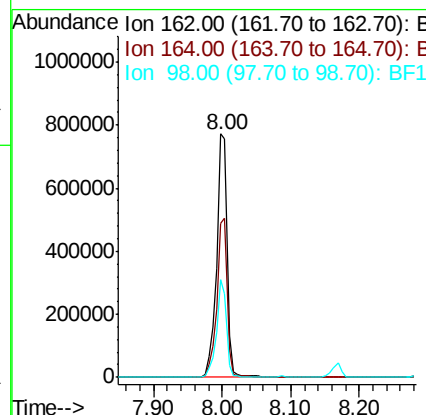
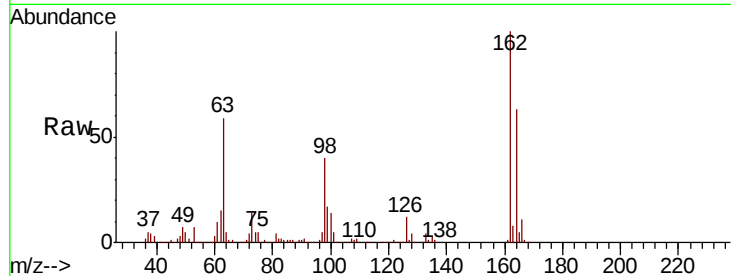
#29
 2,4-Dichlorophenol
 Concen: 46.166 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampled :
 12018MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	815316		
164	63.2	44.0	84.0	
98	39.9	18.4	58.4	

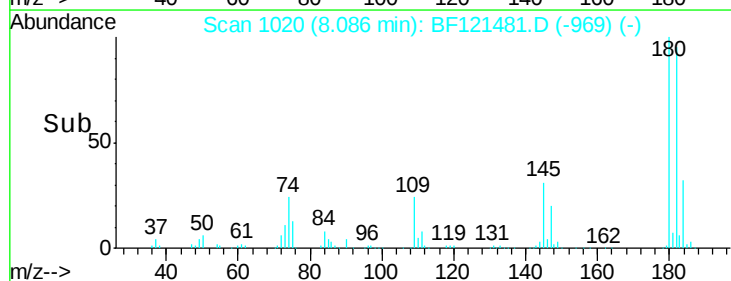
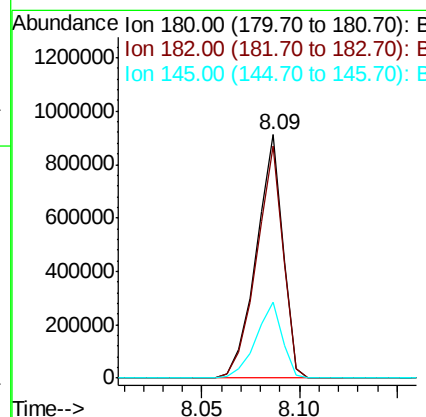
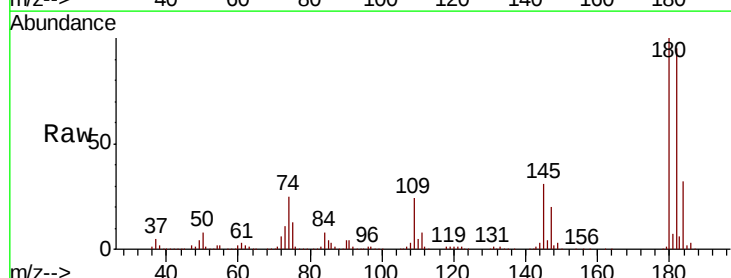
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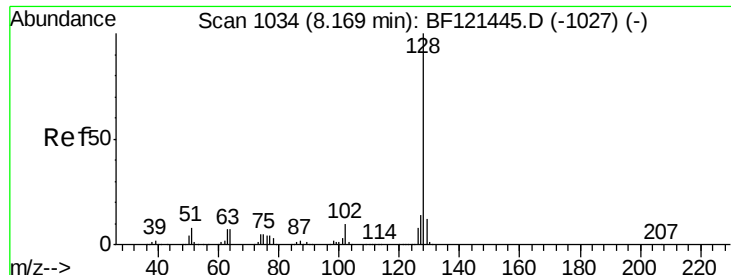
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.718 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	859279		
182	95.3	76.2	114.4	
145	31.2	25.2	37.8	





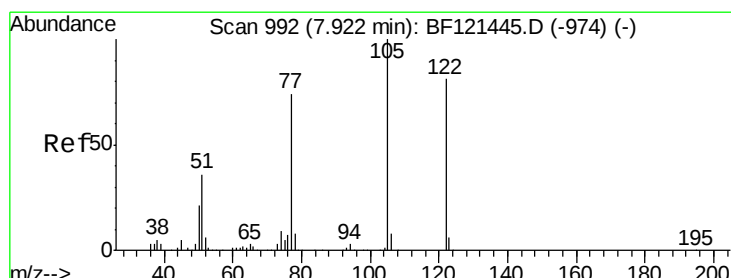
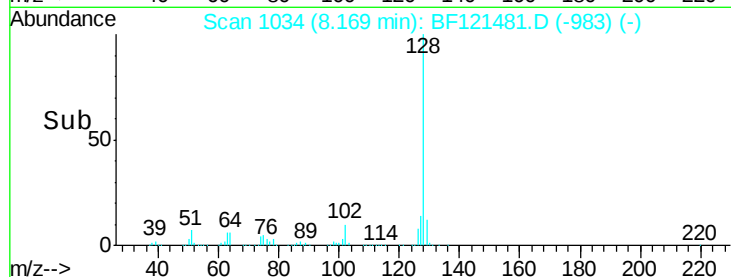
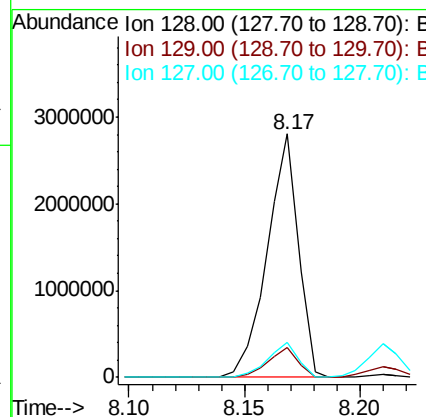
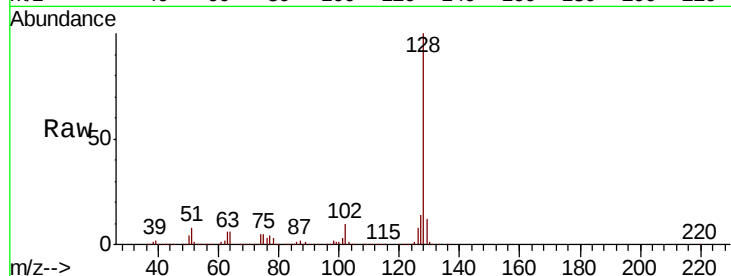
#31
Naphthalene
Concen: 40.521 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.4	11.4	17.2

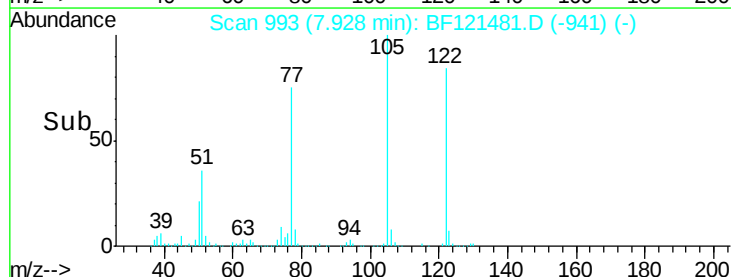
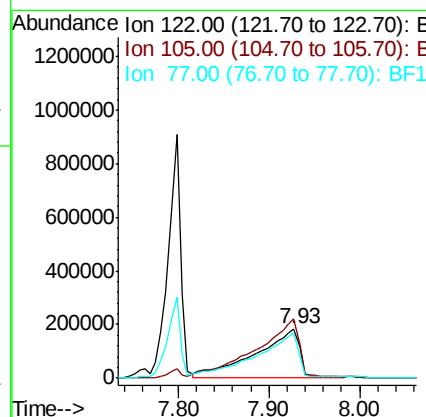
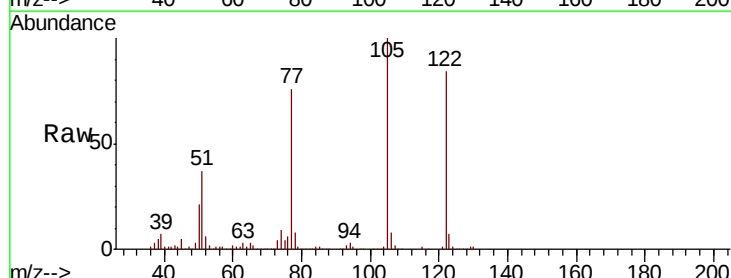
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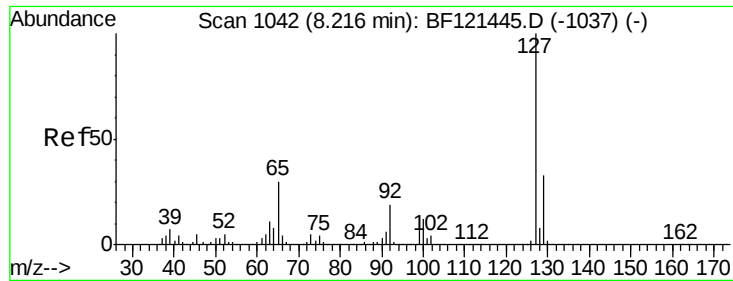
mohammad
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#32
Benzoic acid
Concen: 51.597 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	100.8	140.8
77	90.4	71.5	111.5





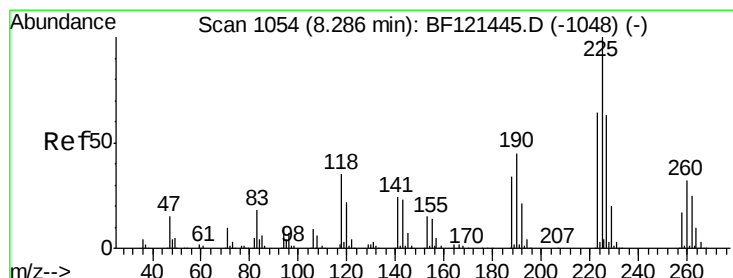
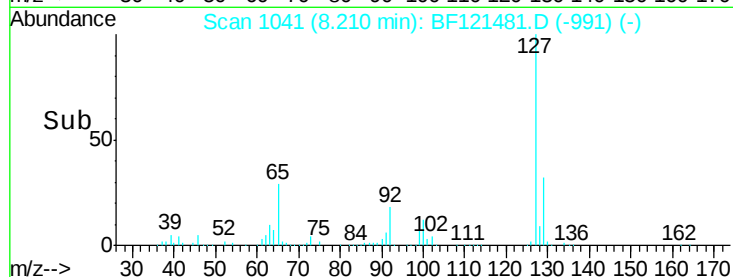
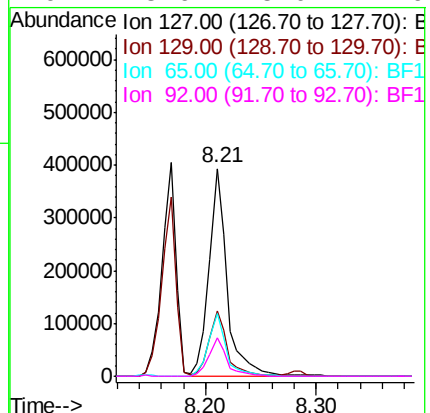
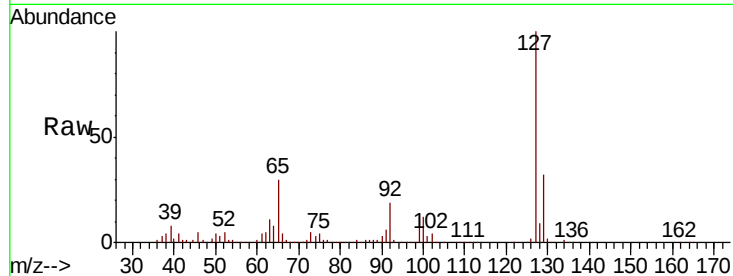
#33
4-Chloroaniline
Concen: 14.969 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		433866		
129	31.7	26.1	39.1		
65	30.1	23.7	35.5		
92	18.6	15.0	22.6		

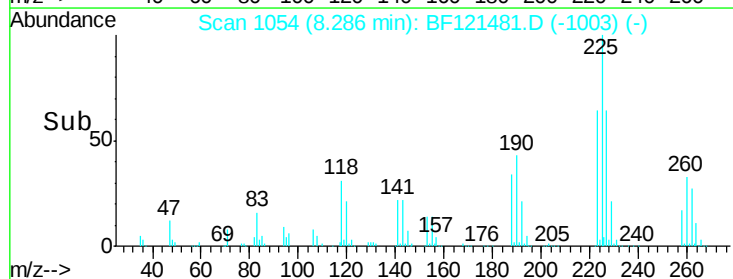
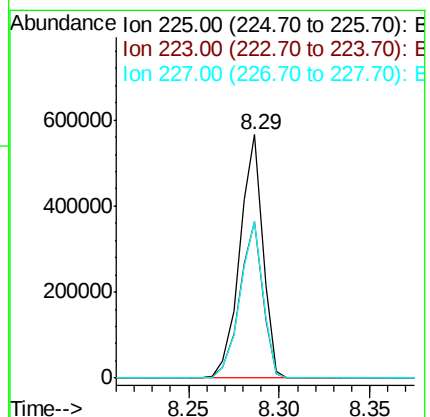
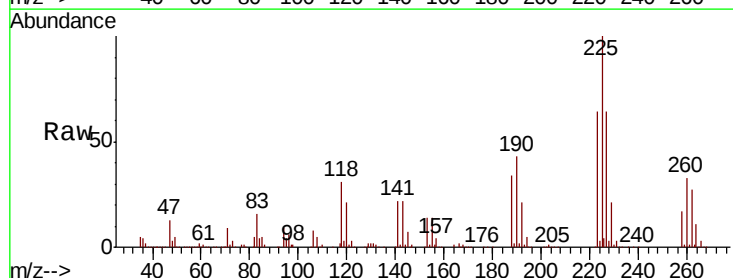
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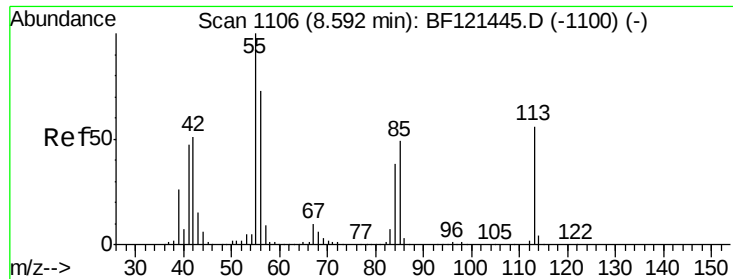
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#34
Hexachlorobutadiene
Concen: 38.819 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		499431		
223	64.3	51.0	76.4		
227	64.4	50.0	75.0		





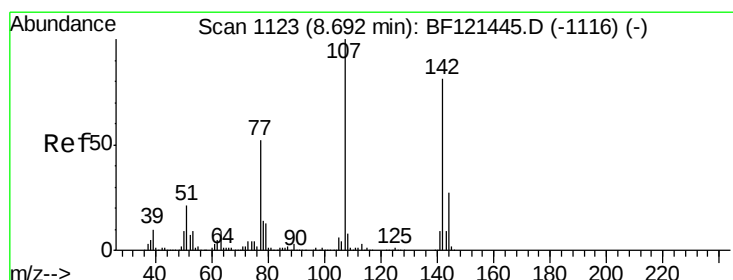
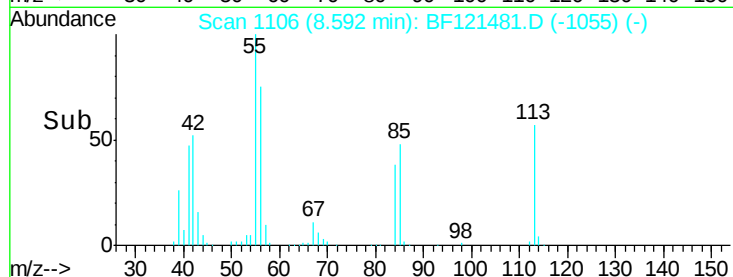
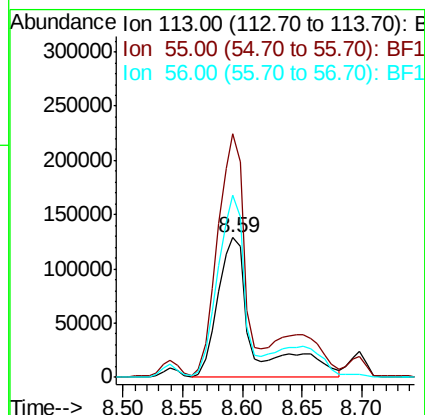
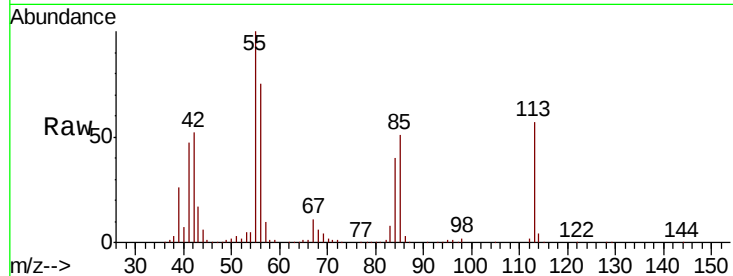
#35
 Caprolactam
 Concen: 46.567 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleID :
 12018MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.7	159.9	199.9
56	130.3	111.4	151.4

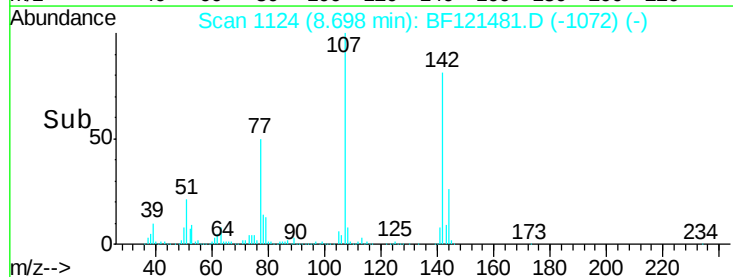
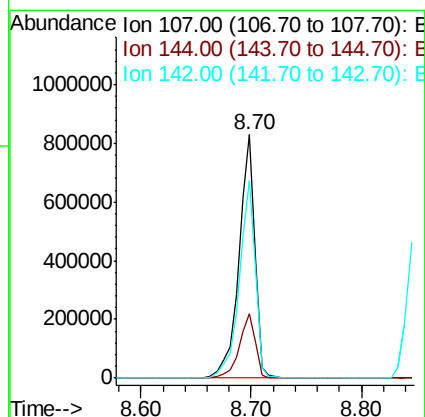
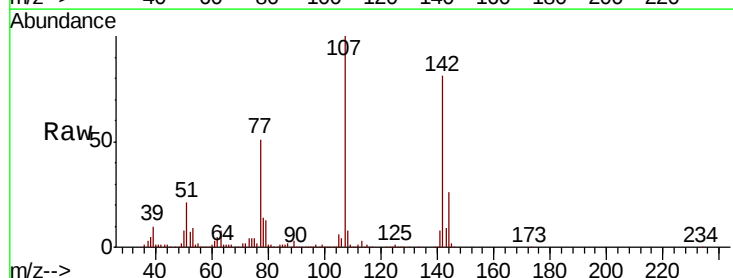
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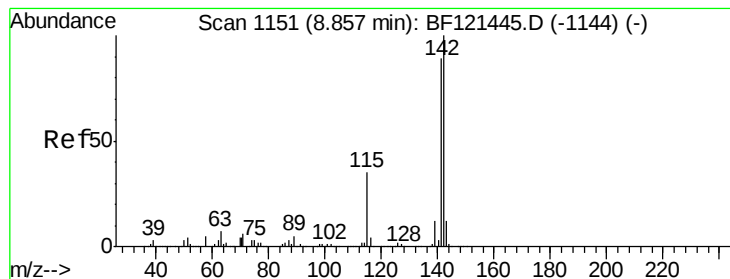
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#36
 4-Chloro-3-methylphenol
 Concen: 45.152 ng/ml
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.4	32.2
142	80.9	65.0	97.4





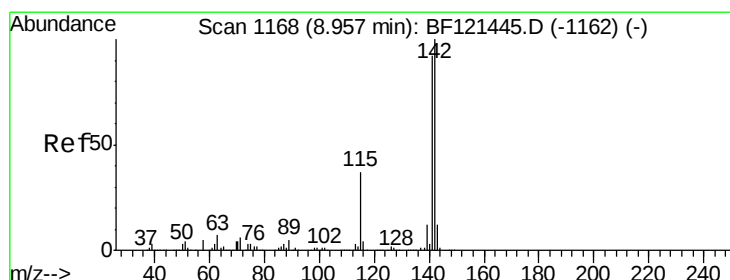
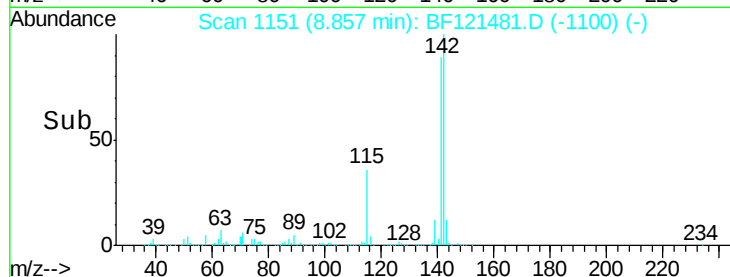
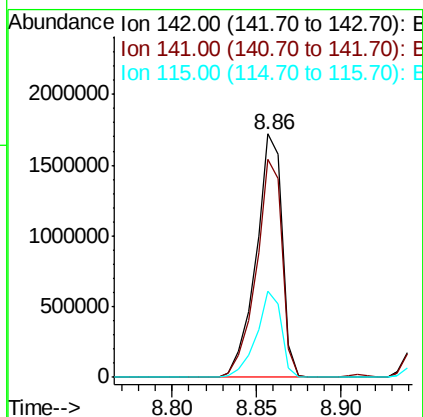
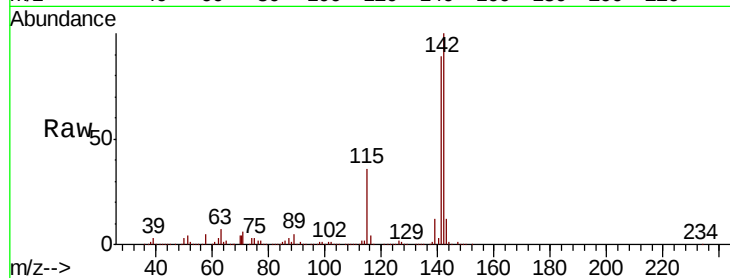
#37
2-Methylnaphthalene
Concen: 42.755 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	35.5	28.2	42.4

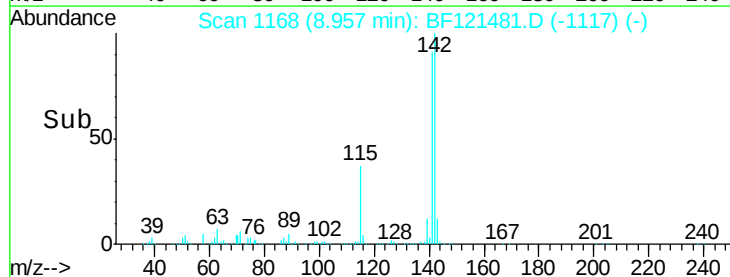
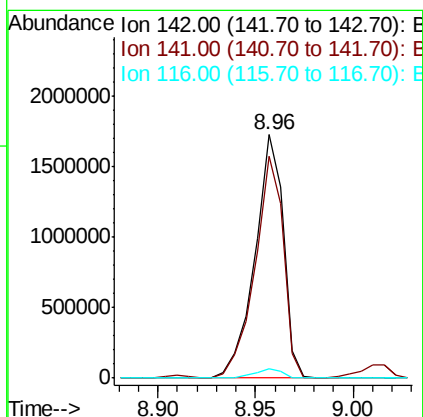
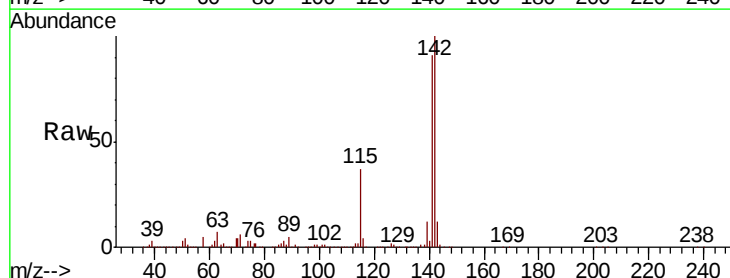
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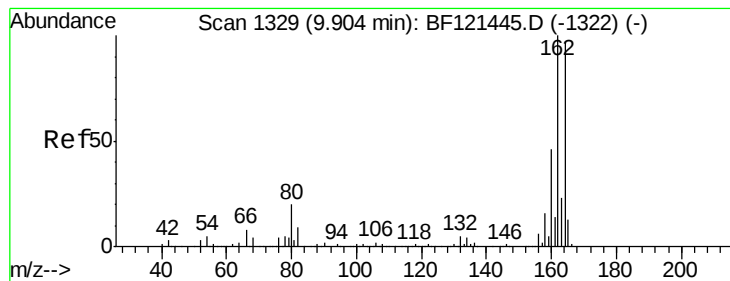
mohammad
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#38
1-Methylnaphthalene
Concen: 42.731 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

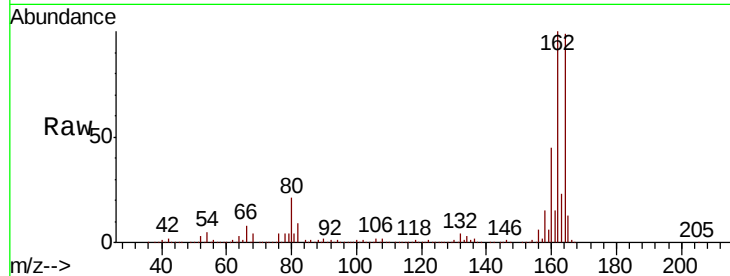
BNA_F

ClientSampleId :
12018MS

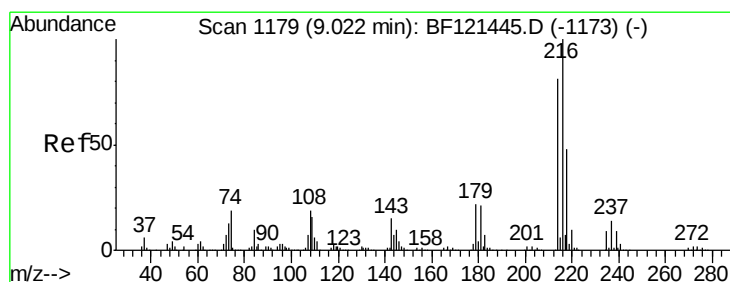
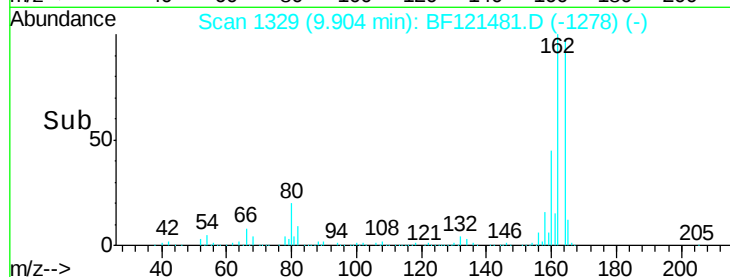
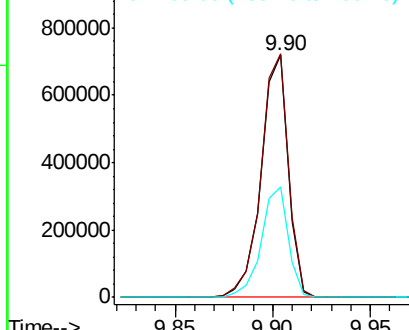
Tot Ion:	164	Resp:	690494
Ion Ratio	Lower	Upper	
164	100		
162	100.5	82.4	123.6
160	45.6	37.6	56.4

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.733 ng

RT: 9.03 min Scan# 1180

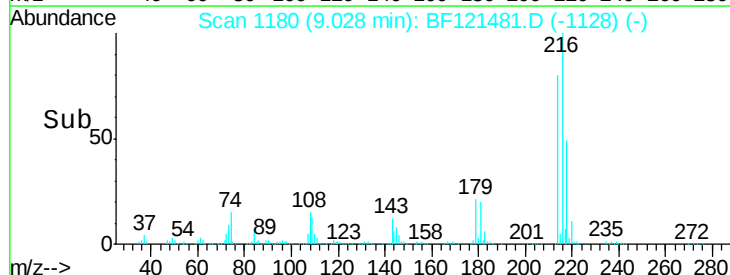
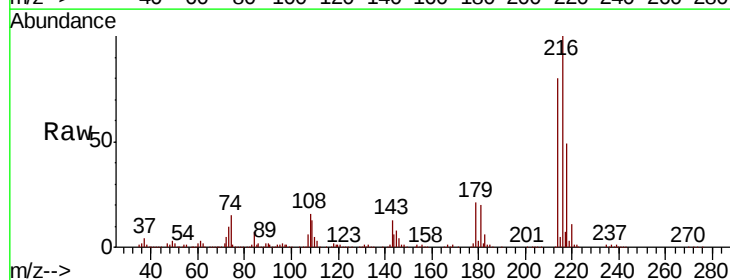
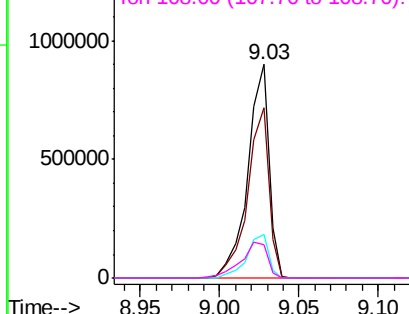
Delta R.T. 0.01 min

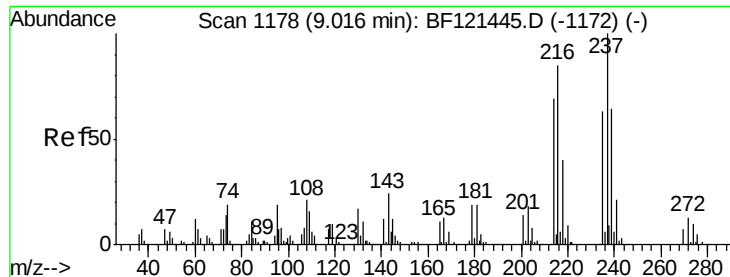
Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Tgt Ion:	216	Resp:	833749
Ion Ratio	Lower	Upper	
216	100		
214	80.0	64.2	96.4
179	21.1	17.0	25.4
108	20.7	15.3	22.9

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





#41

Hexachlorocyclopentadiene

Concen: 94.075 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

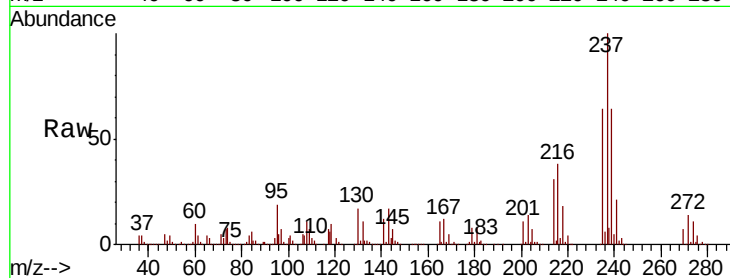
ClientSampled :

12018MS

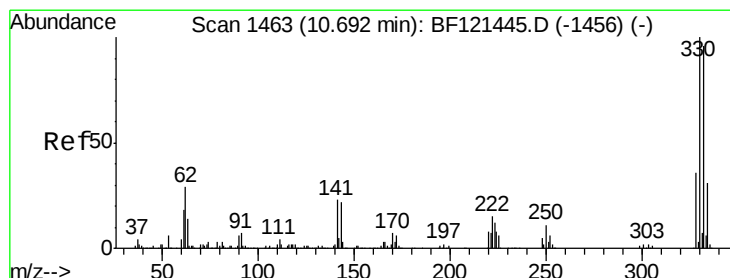
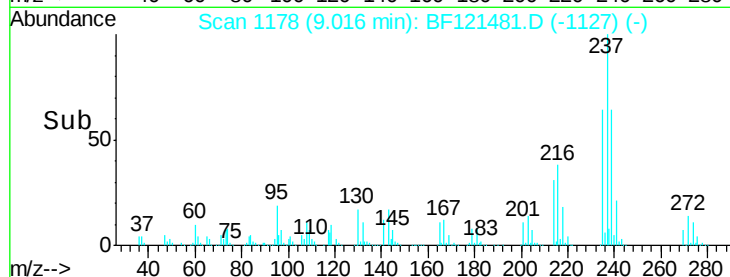
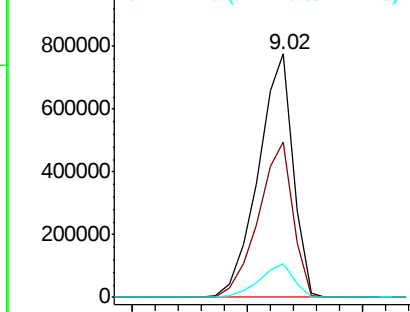
Tot Ion:	237	Resp:	809743
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.9	82.9
272	13.8	0.0	33.1

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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: 136.437 ng

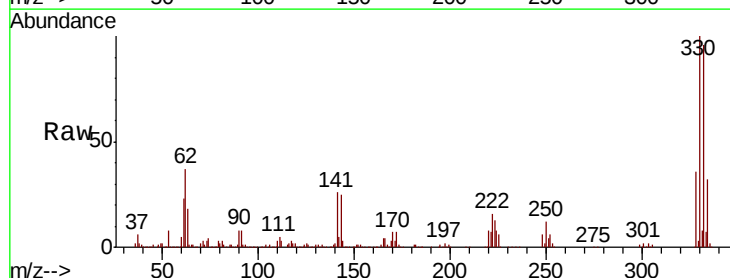
RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

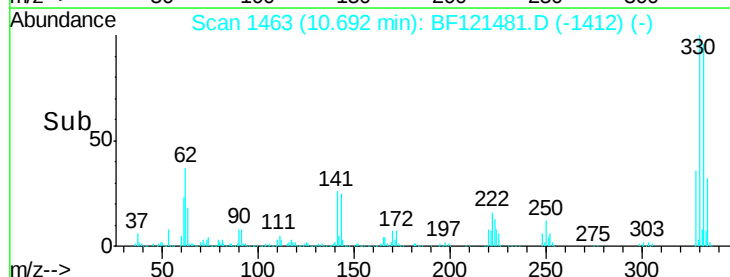
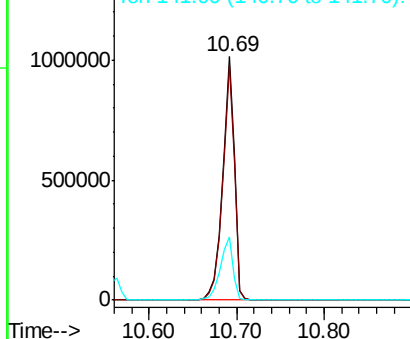
Lab File: BF121481.D

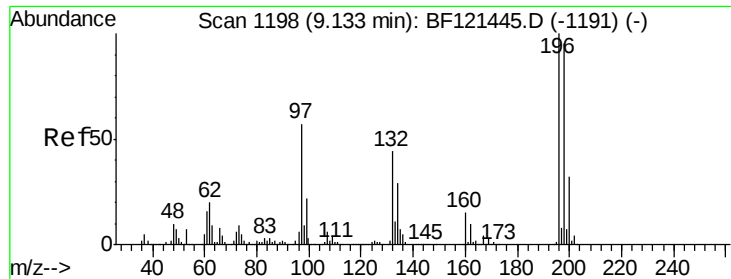
Acq: 31 Aug 2020 16:59

Tgt Ion:	330	Resp:	951560
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.2	114.2
141	27.8	24.6	36.8



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





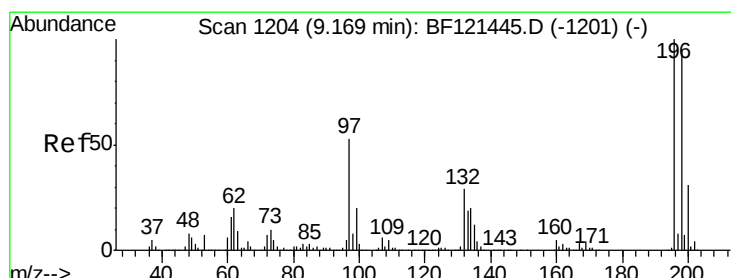
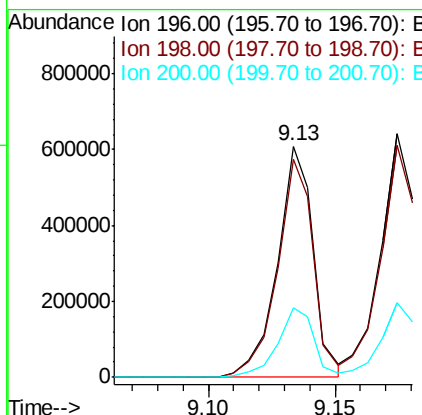
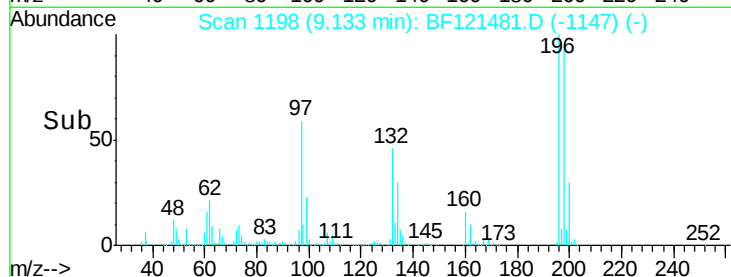
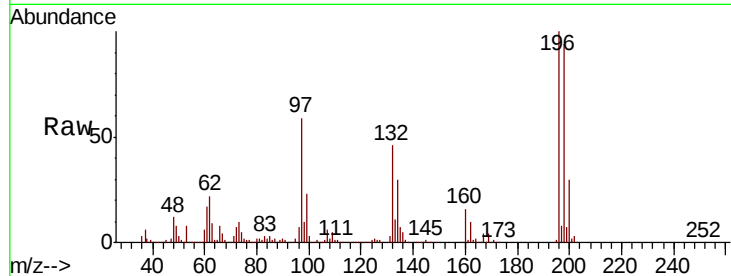
#43
 2,4,6-Trichlorophenol
 Concen: 46.600 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion:	196	Resp:	602869
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.8	113.6
200	30.2	25.3	37.9

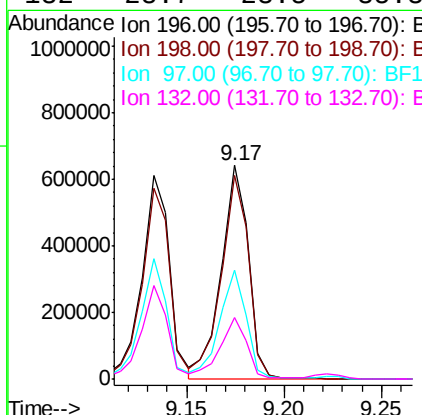
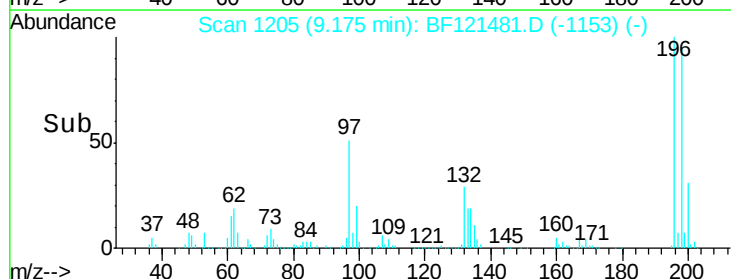
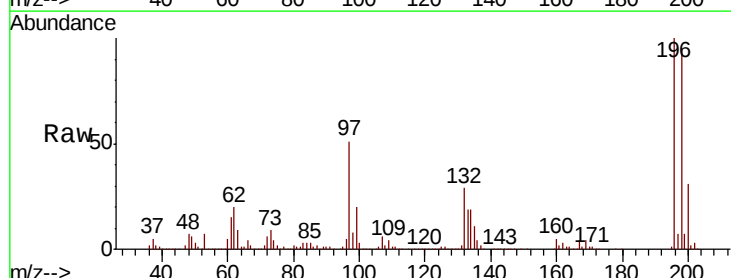
Manual Integrations
 APPROVED

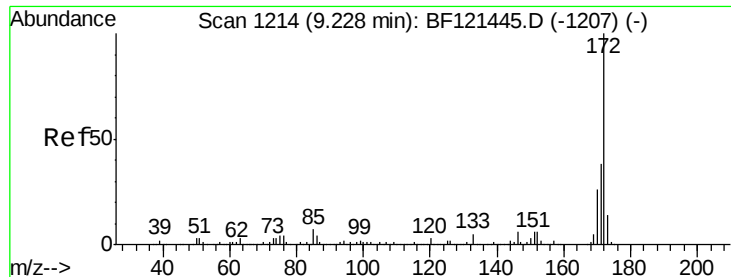
mohammad
 9/2/2020 1:55:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.451 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:	196	Resp:	619824
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.2	114.2
97	51.2	42.6	64.0
132	28.7	23.5	35.3





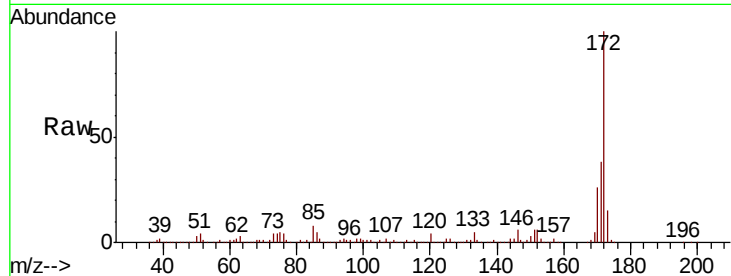
#45
 2-Fluorobiphenyl
 Concen: 81.247 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.6	45.8
170	26.1	20.6	31.0

Manual Integrations
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 9/2/2020 1:55:54 PM

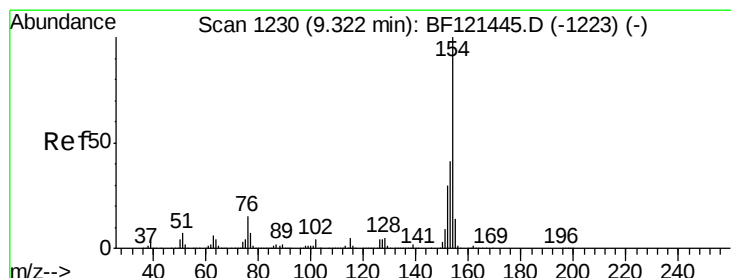
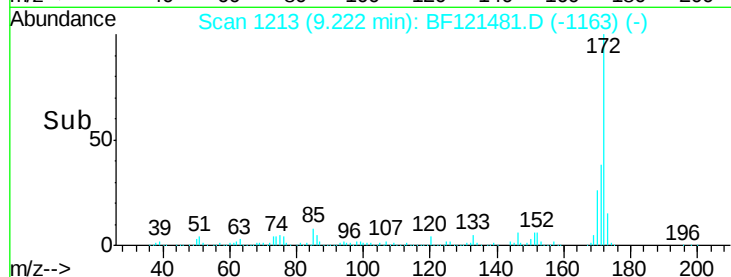
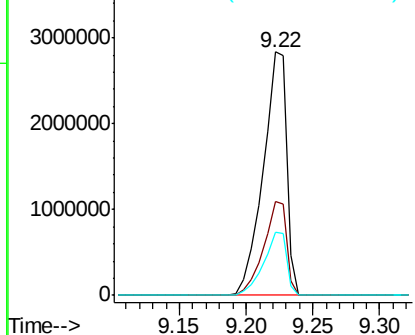


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 41.782 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

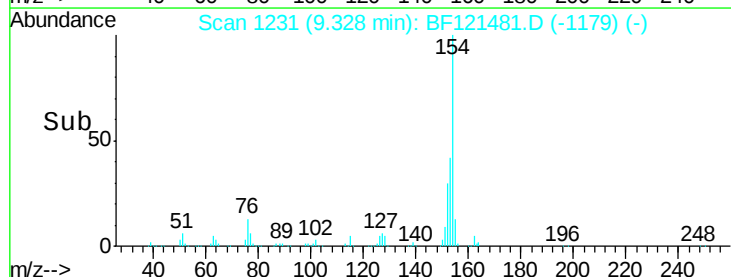
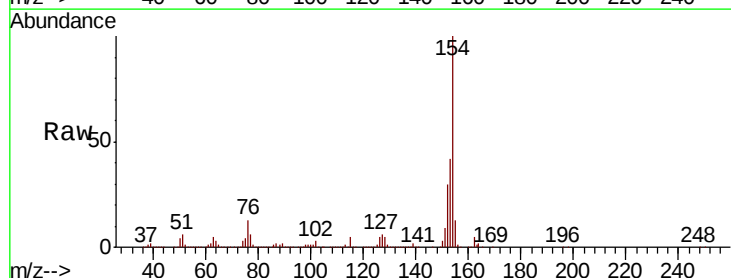
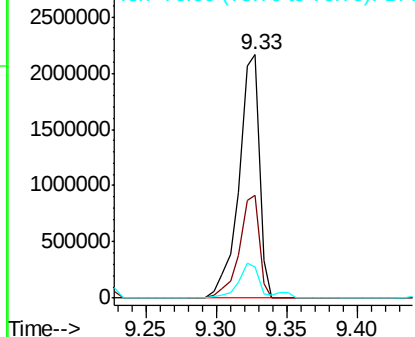
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.2	61.2
76	13.0	0.0	35.2

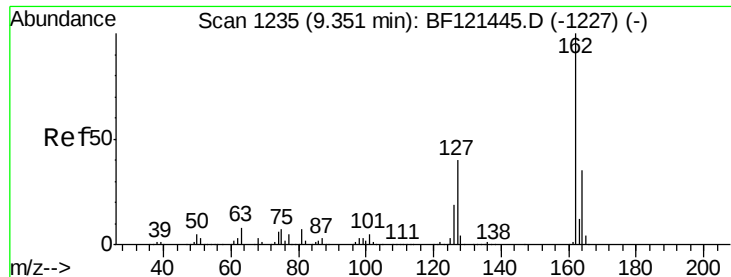
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





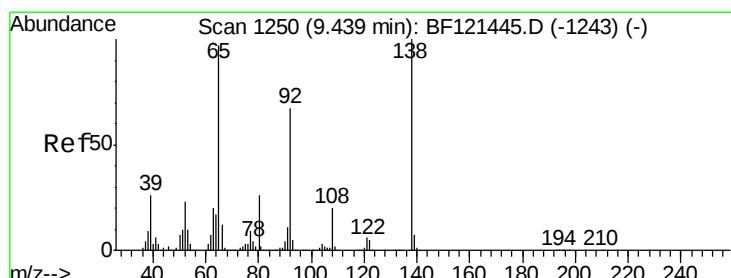
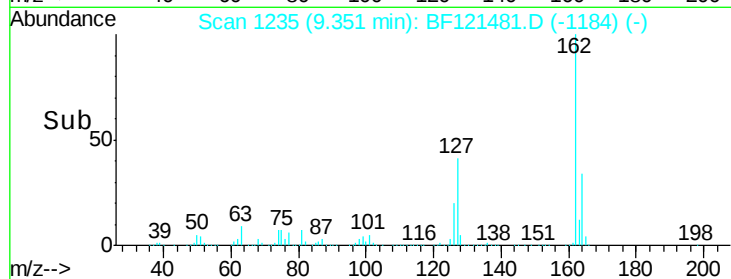
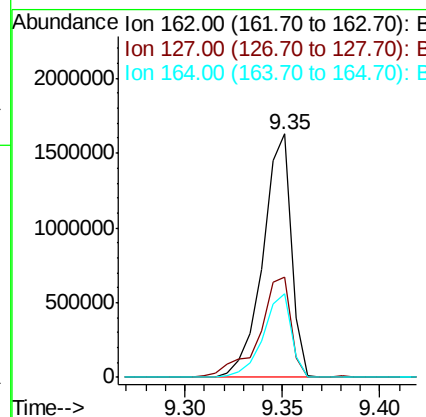
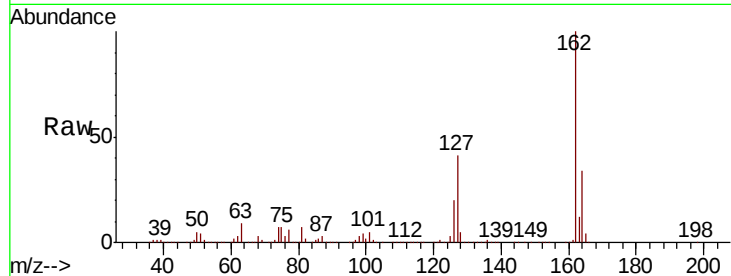
#47
 2-Chloronaphthalene
 Concen: 38.457 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	34.4	27.8	41.6

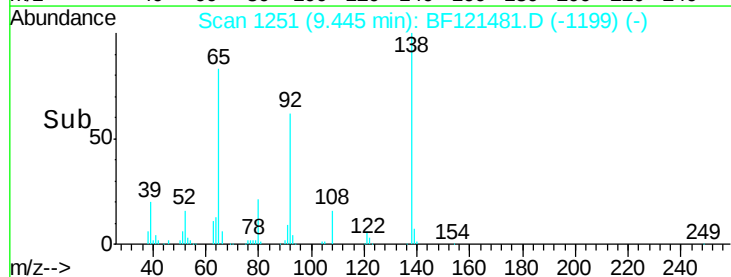
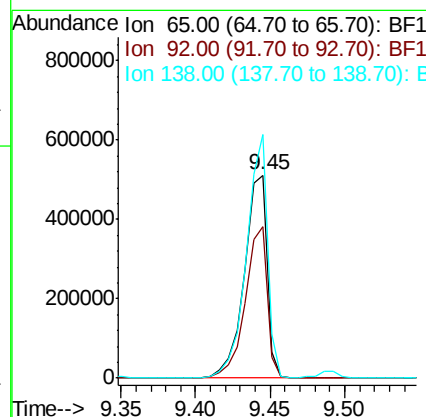
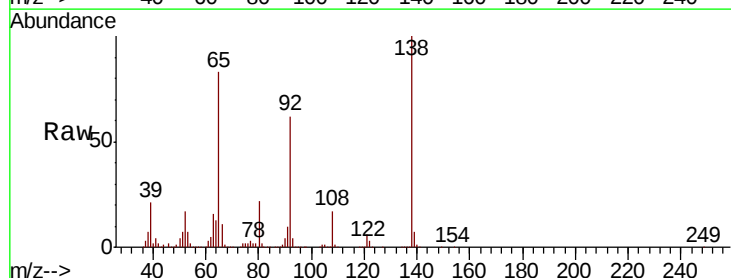
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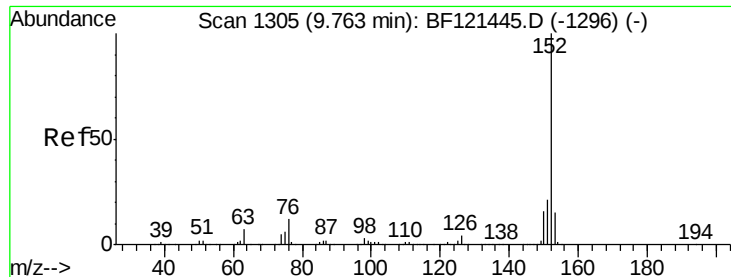
mohammad
 9/2/2020 1:55:54 PM



#48
 2-Nitroaniline
 Concen: 45.888 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	55.6	83.4
138	120.0	82.9	124.3





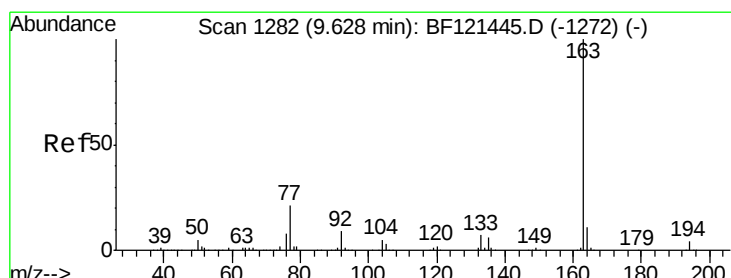
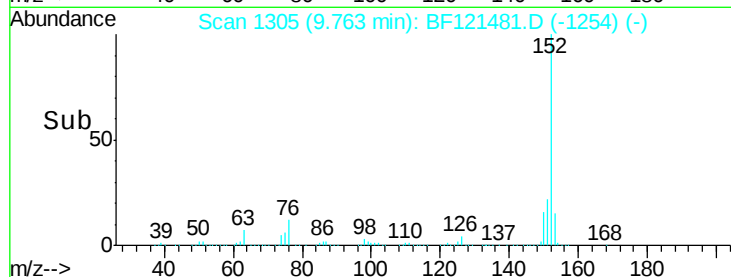
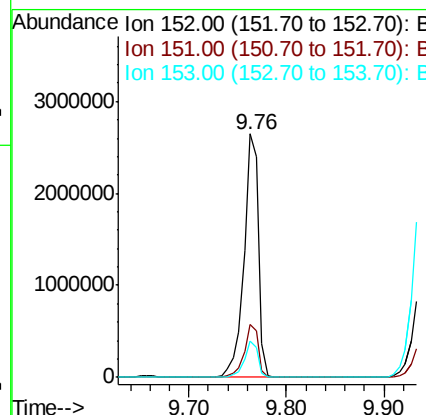
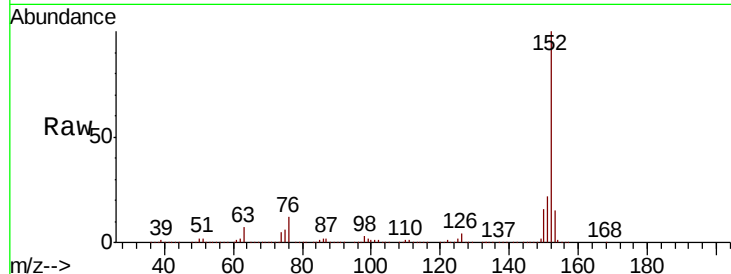
#49
Acenaphthylene
Concen: 41.820 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	14.7	11.6	17.4

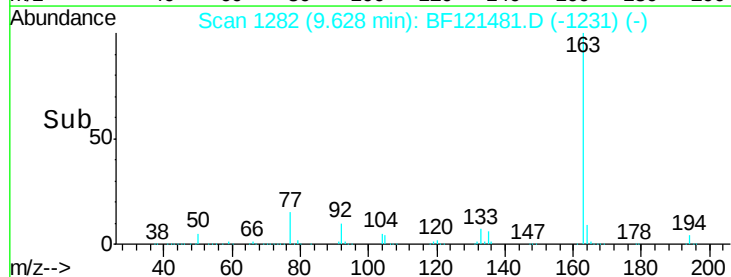
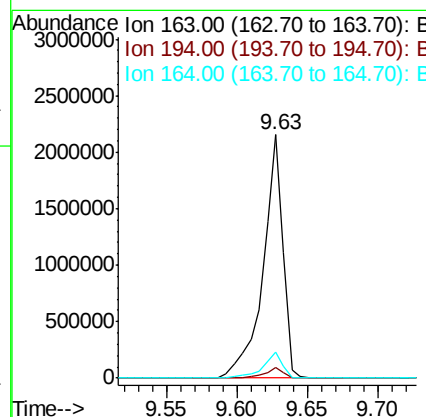
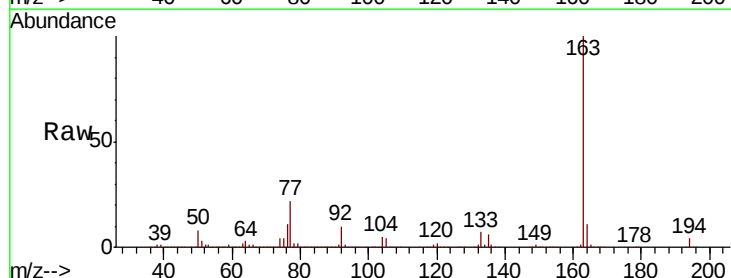
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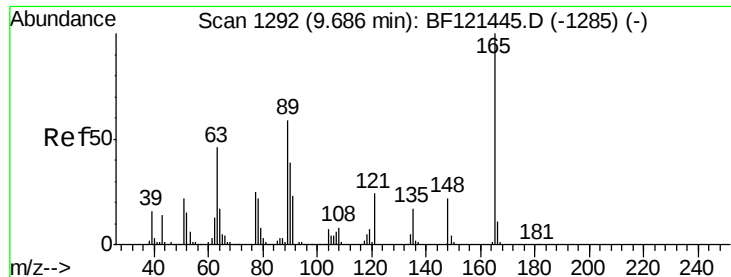
mohammad
9/2/2020 1:55:54 PM



#50
Dimethylphthalate
Concen: 45.211 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.6	8.6	12.8





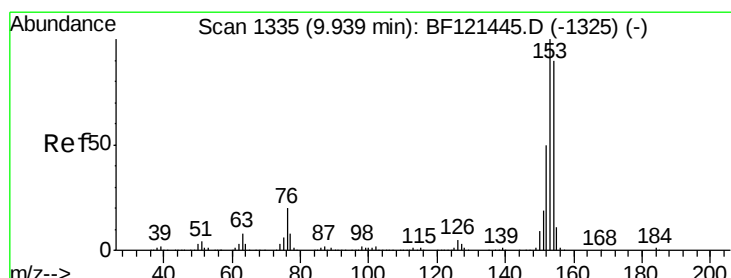
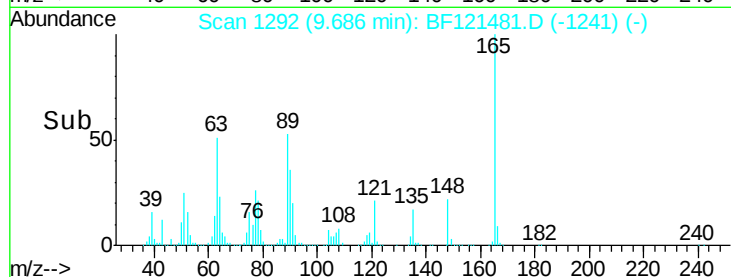
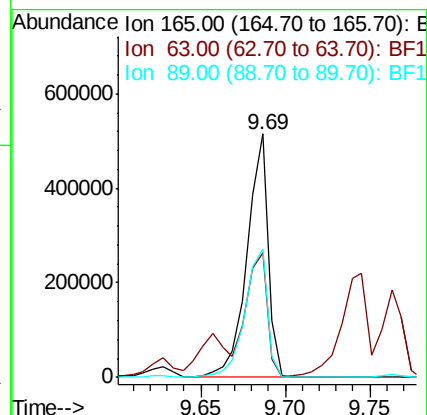
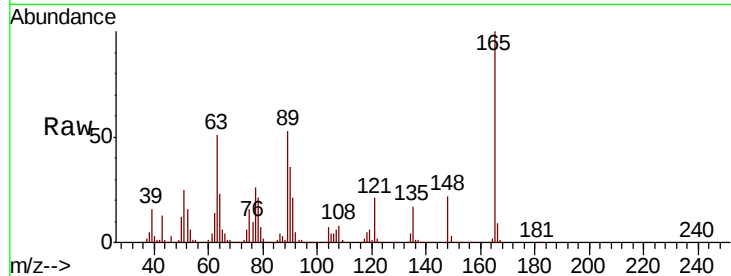
#51
 2,6-Dinitrotoluene
 Concen: 50.505 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	452396		
63	51.2	43.6	65.4	
89	52.9	47.4	71.2	

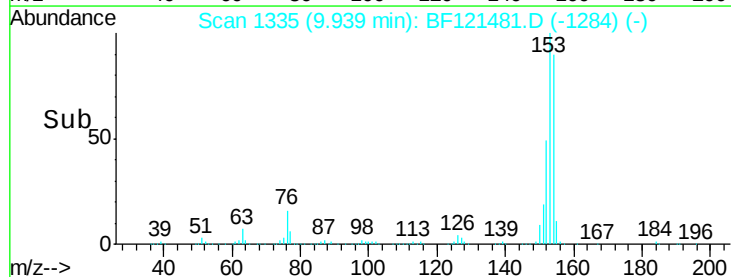
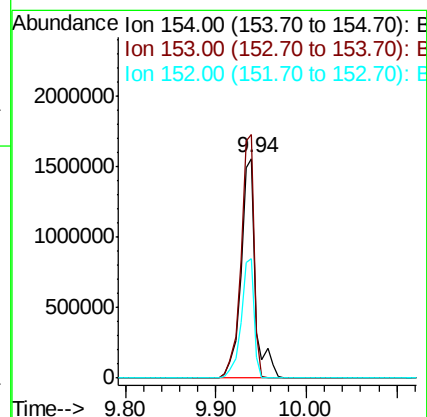
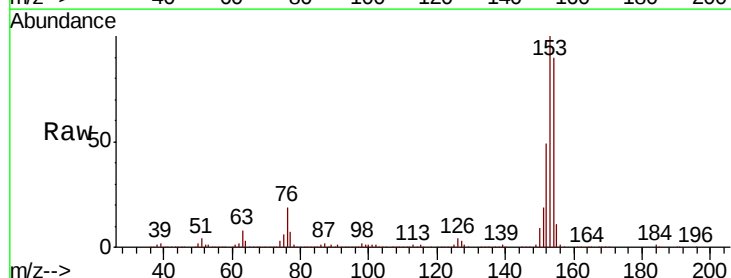
Manual Integrations
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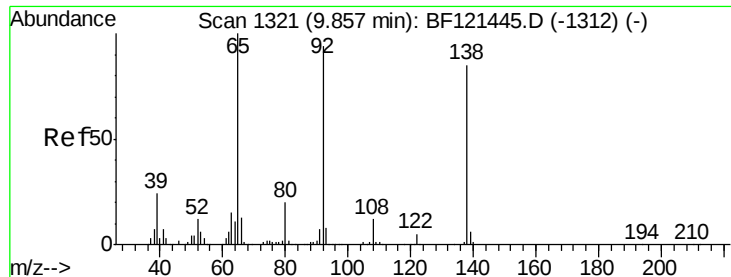
mohammad
 9/2/2020 1:55:54 PM



#52
 Acenaphthene
 Concen: 43.454 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1762638		
153	111.0	88.9	133.3	
152	54.6	44.1	66.1	





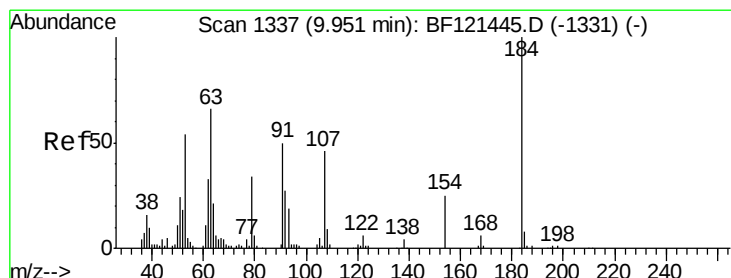
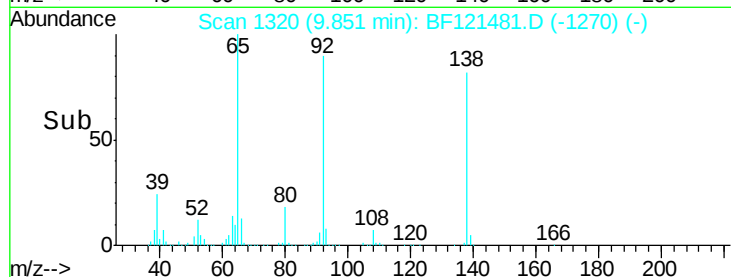
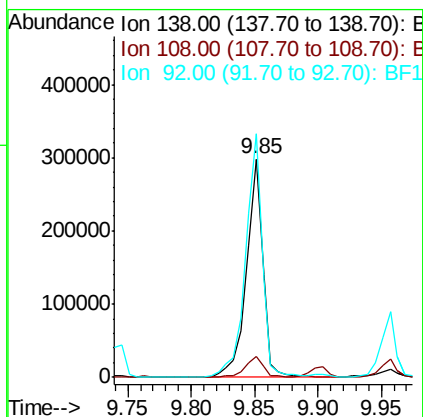
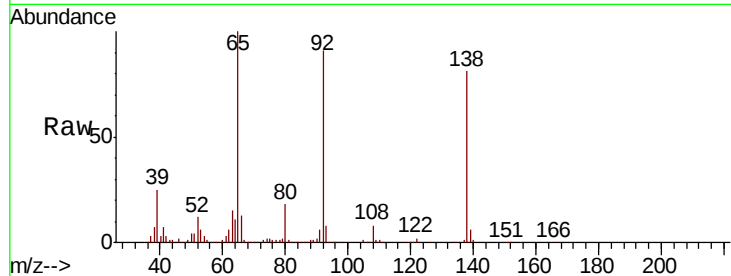
#53
3-Nitroaniline
Concen: 26.547 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	11.6	17.4#
92	111.4	88.6	132.8

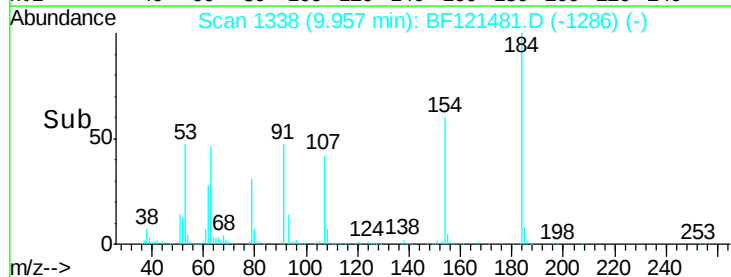
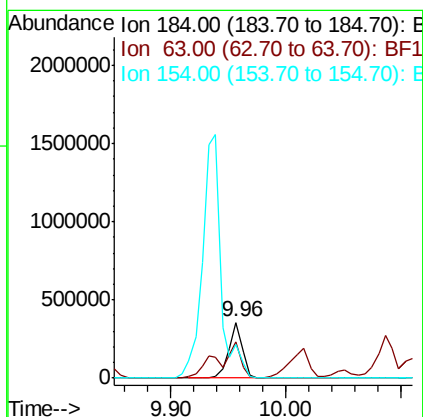
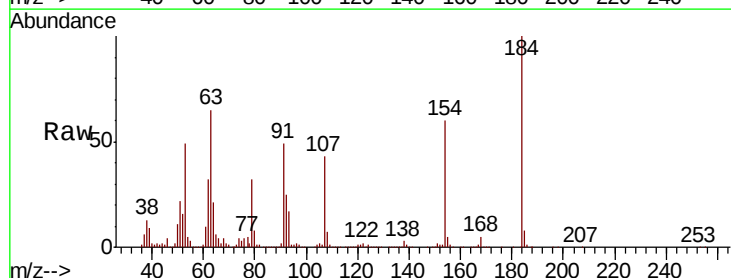
Manual Integrations
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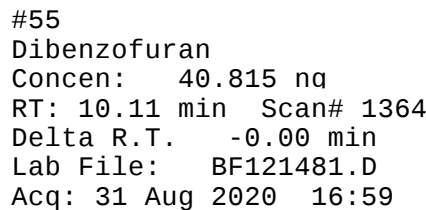
mohammad
9/2/2020 1:55:54 PM



#54
2,4-Dinitrophenol
Concen: 75.513 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	56.8	85.2
154	60.3	55.9	83.9



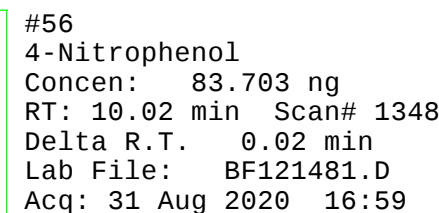
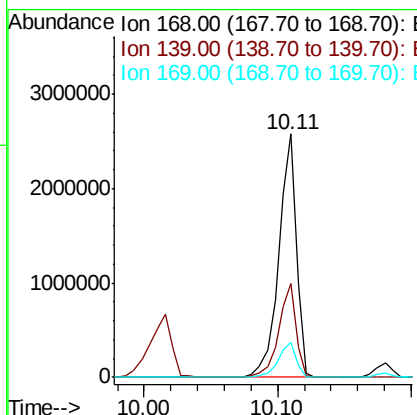


Instrument :
BNA_F
ClientSampleId :
12018MS

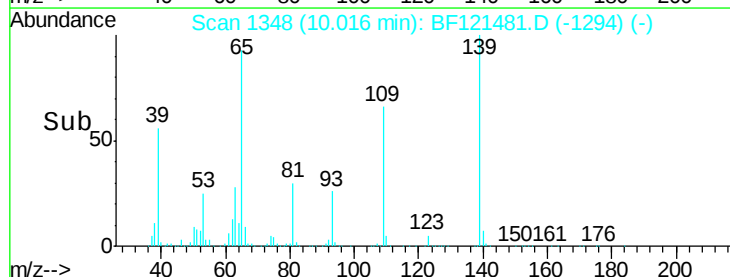
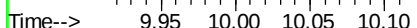
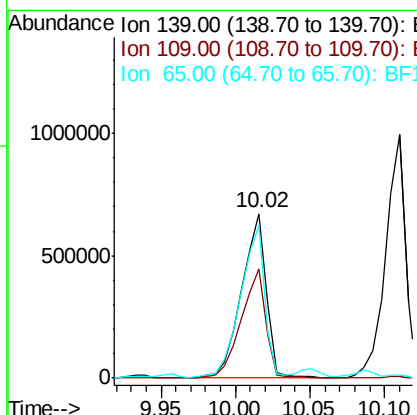
Manual Integrations
APPROVED

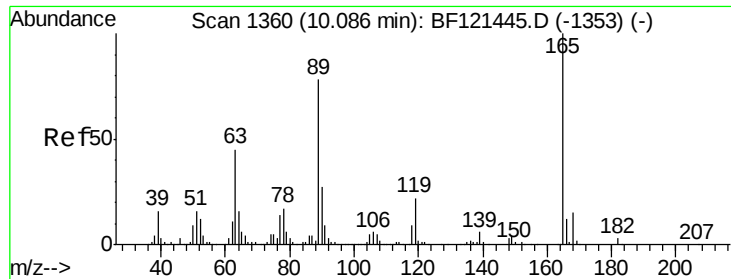
mohammad
9/2/2020 1:55:54 PM

Tqt	Ion:168	Resp:	2404936
Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	14.2	11.2	16.8



Tgt	Ion:139	Resp:	770232
Ion	Ratio	Lower	Upper
139	100		
109	66.2	50.5	90.5
65	92.8	80.2	120.2





#57

2,4-Dinitrotoluene

Concen: 53.096 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

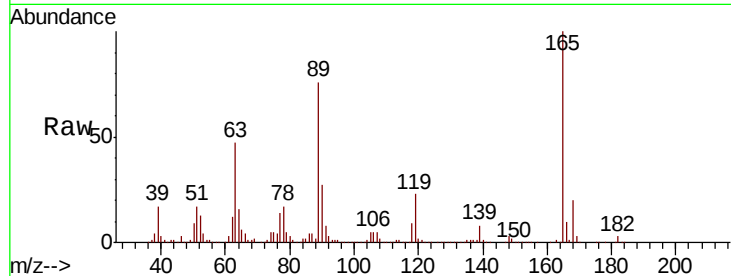
ClientSampleId :

12018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		591003		
63	47.5	36.0	54.0		
89	76.2	62.6	93.8		
182	2.6	2.2	3.2		

Manual Integrations
APPROVED

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9/2/2020 1:55:54 PM

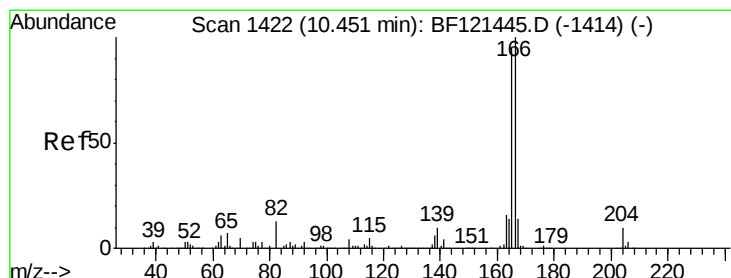
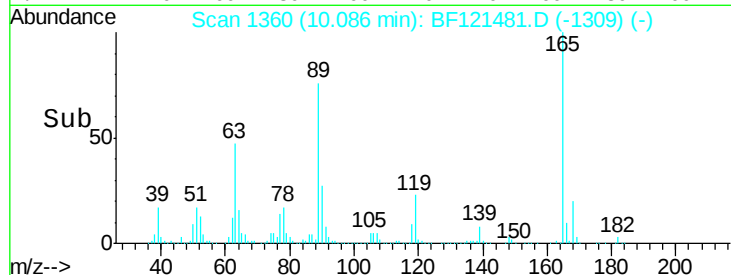
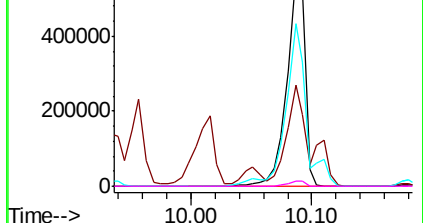


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.529 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF121481.D

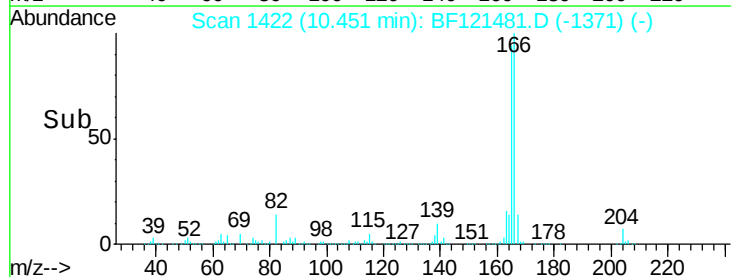
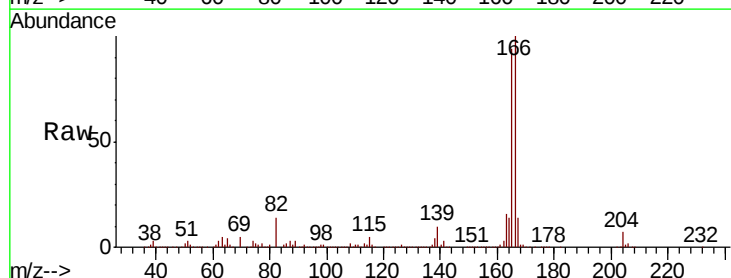
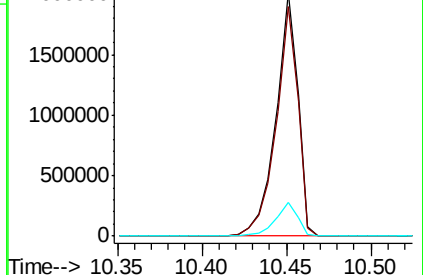
Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1800248		
165	94.2	75.7	113.5		
167	13.9	11.1	16.7		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





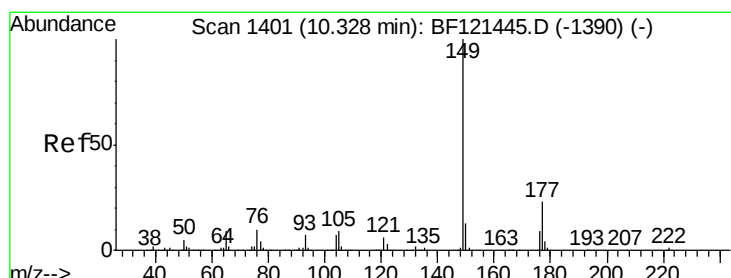
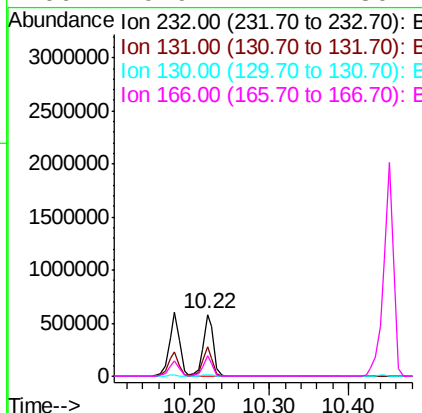
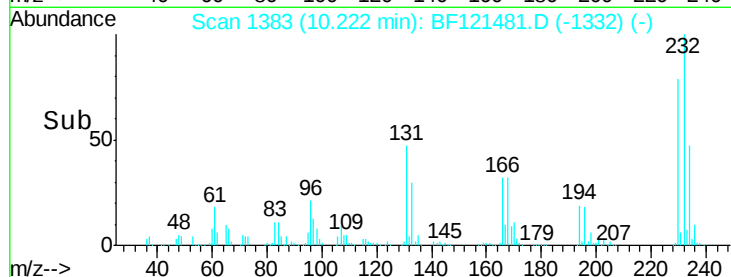
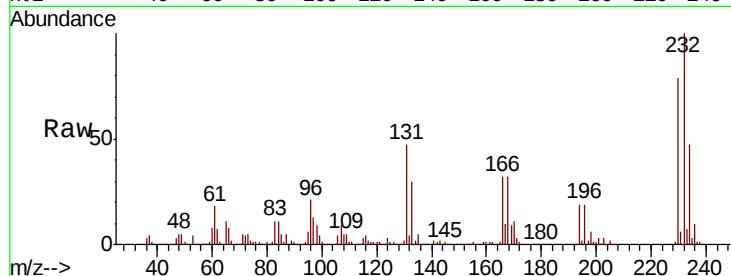
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.037 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		532942		
131	43.4	35.7	53.5		
130	2.2	1.8	2.6		
166	29.9	24.1	36.1		

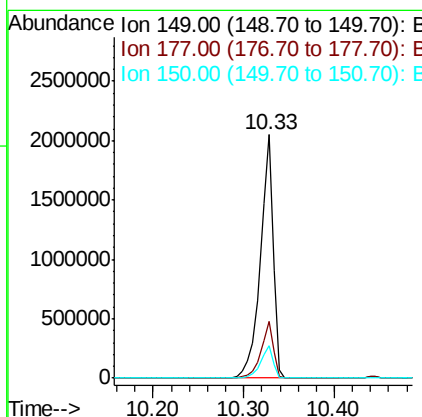
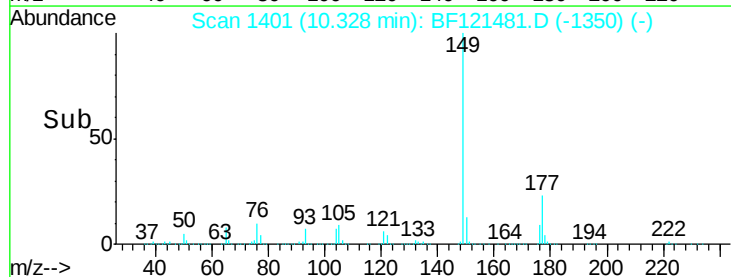
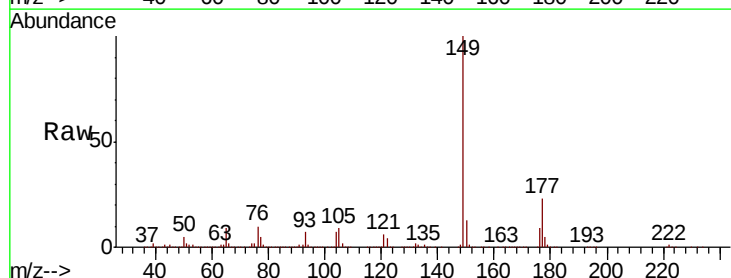
Manual Integrations
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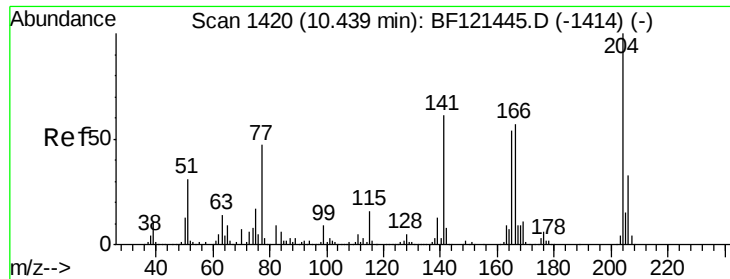
mohammad
 9/2/2020 1:55:54 PM



#60
 Diethylphthalate
 Concen: 42.030 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		2002841		
177	23.4	18.3	27.5		
150	13.3	10.4	15.6		





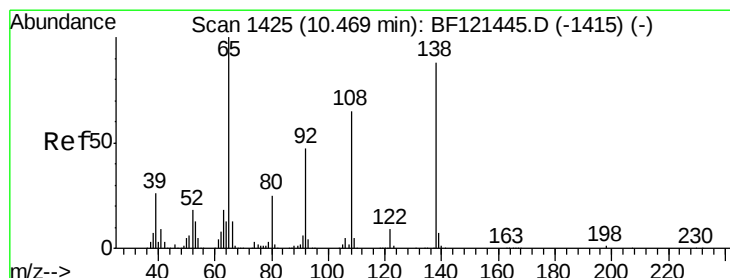
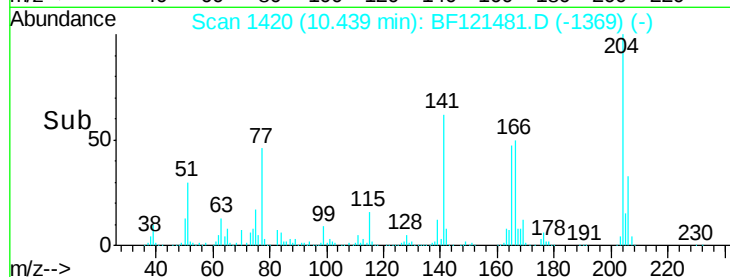
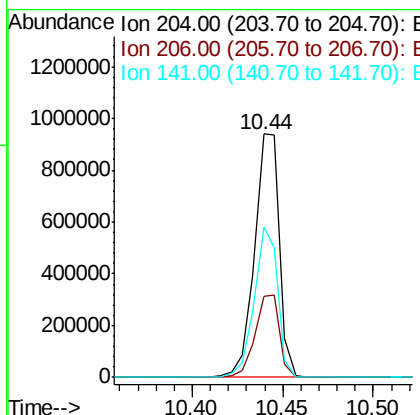
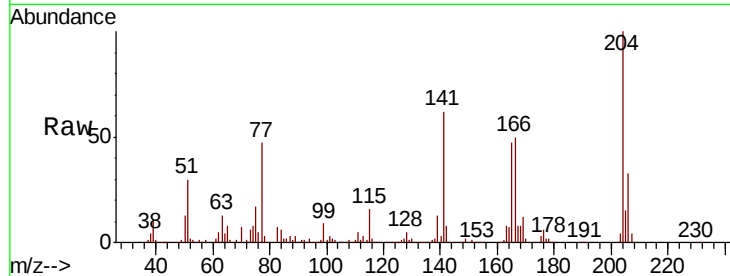
#61
 4-Chlorophenyl-phenylether
 Concen: 40.169 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.3	39.5
141	61.7	48.7	73.1

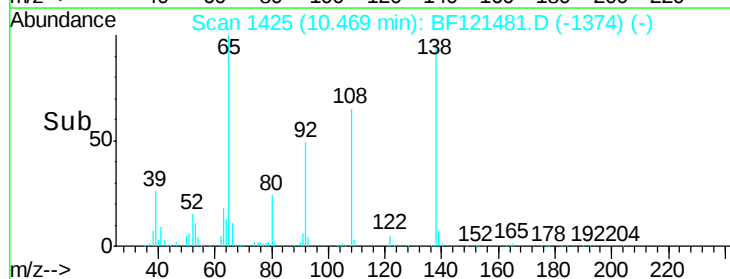
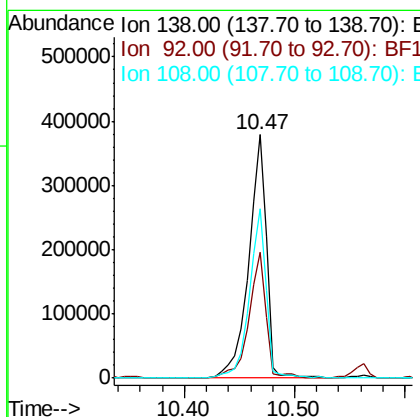
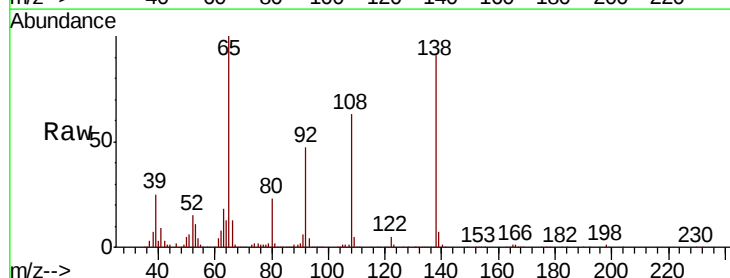
Manual Integrations
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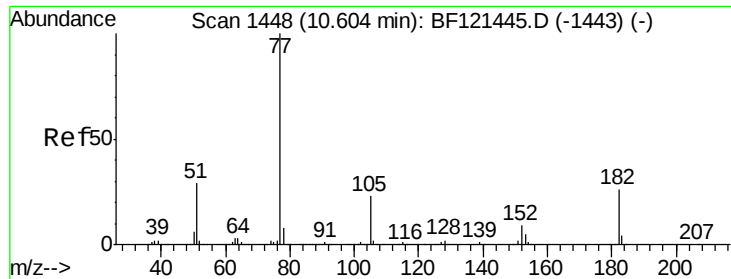
mohammad
 9/2/2020 1:55:54 PM



#62
 4-Nitroaniline
 Concen: 38.028 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	33.2	73.2
108	69.7	53.6	93.6





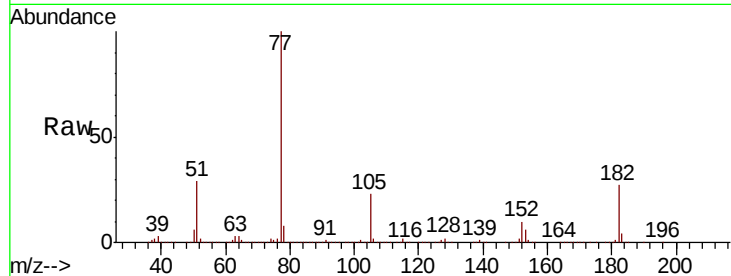
#63
Azobenzene
Concen: 40.663 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.1	6.2	46.2	
105	23.3	3.3	43.3	
51	28.9	9.5	49.5	

Manual Integrations
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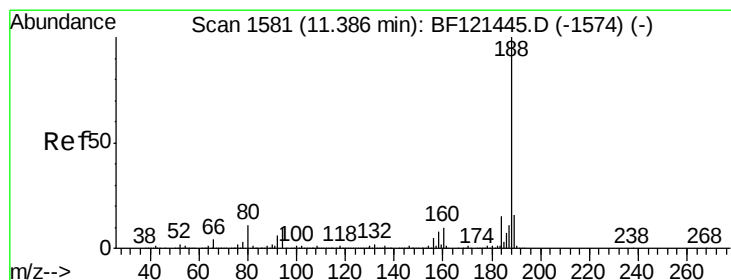
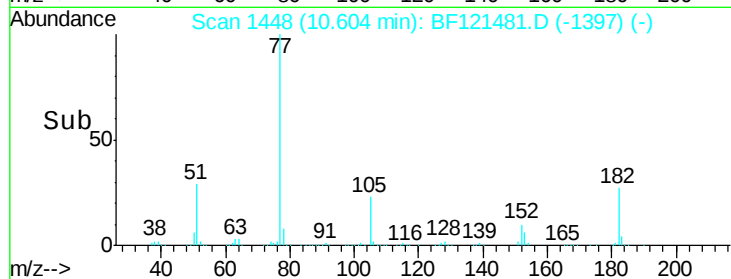
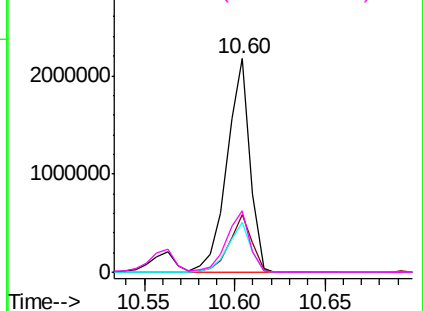


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

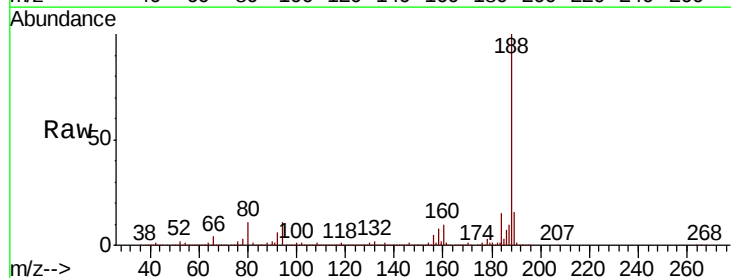
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

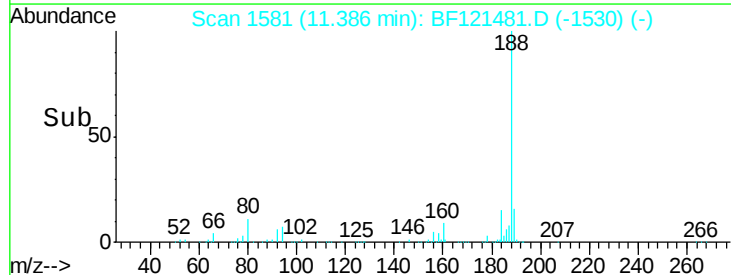
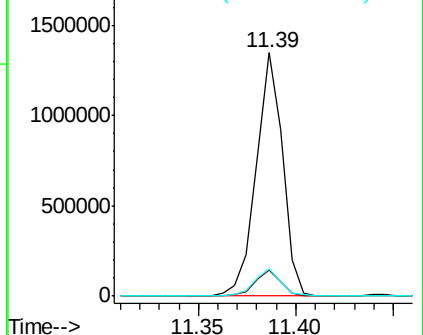
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.3	12.5	
80	11.4	8.6	13.0	

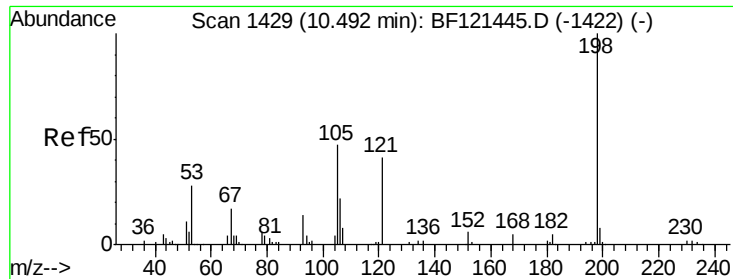


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





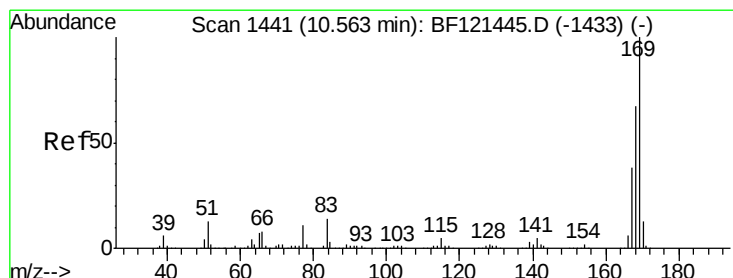
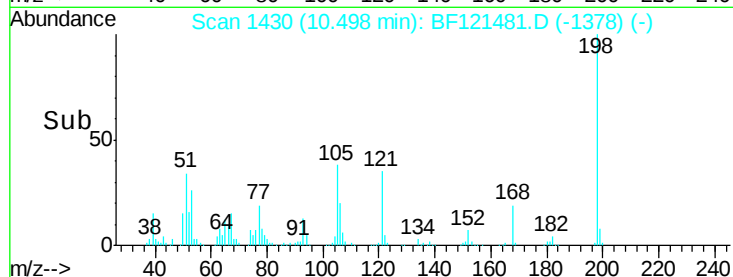
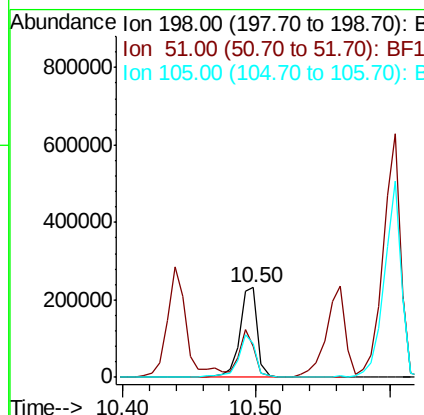
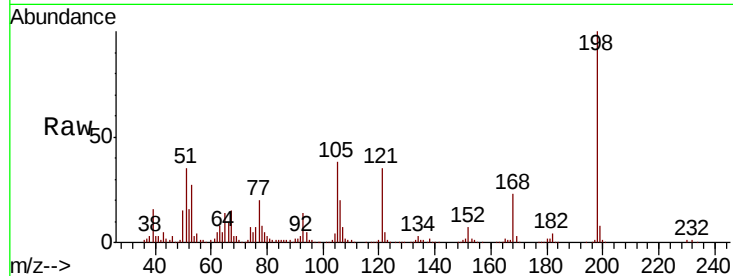
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.271 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	215826		
51	34.5	29.0	69.0	
105	37.6	29.1	69.1	

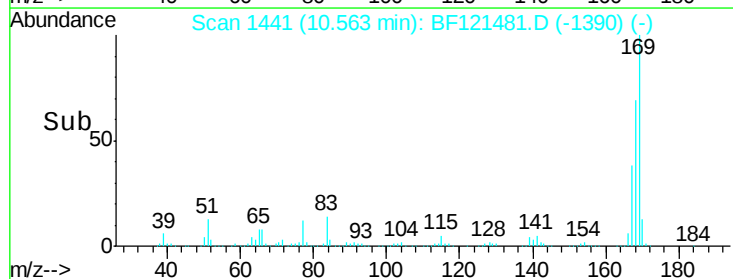
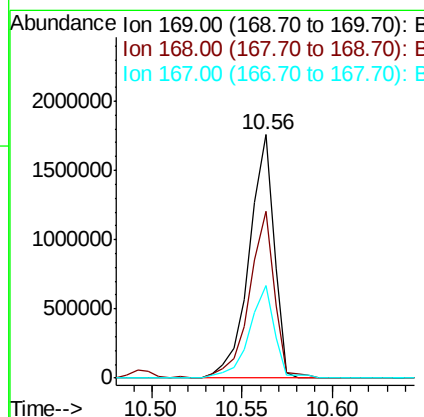
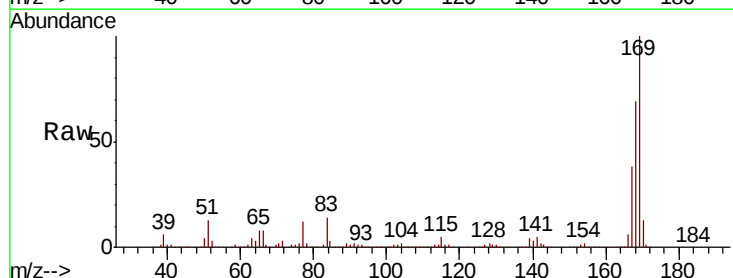
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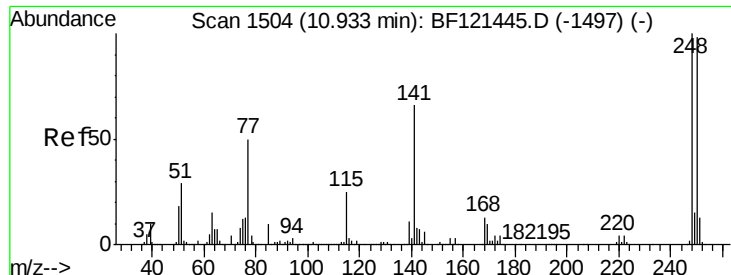
mohammad
 9/2/2020 1:55:54 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.896 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1682462		
168	68.7	54.0	81.0	
167	38.0	30.2	45.2	





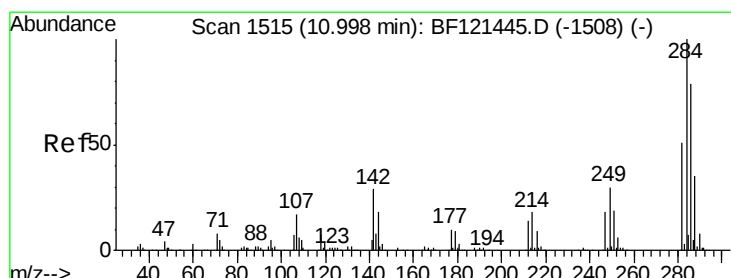
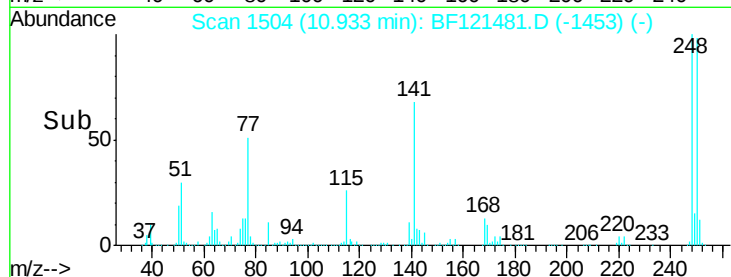
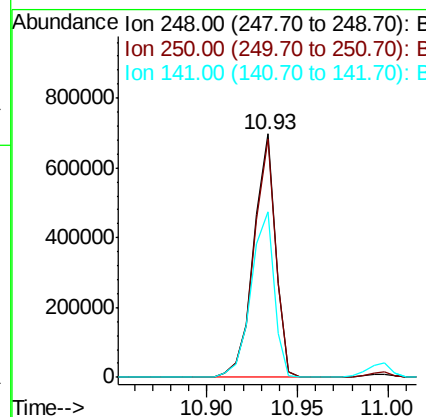
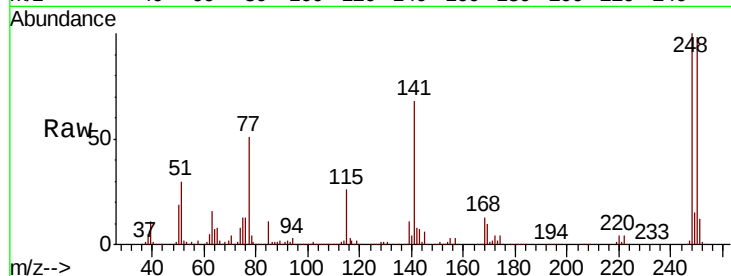
#67
4-Bromophenyl-phenylether
Concen: 41.979 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampled :
12018MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.7	118.1
141	67.9	52.6	78.8

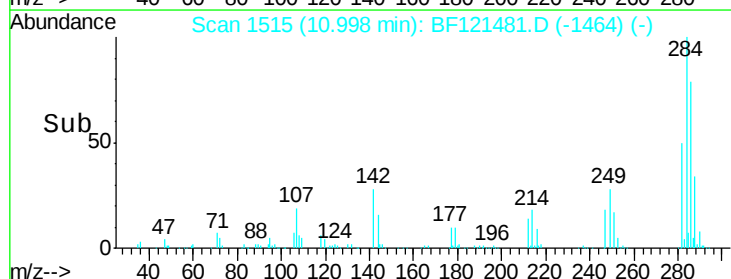
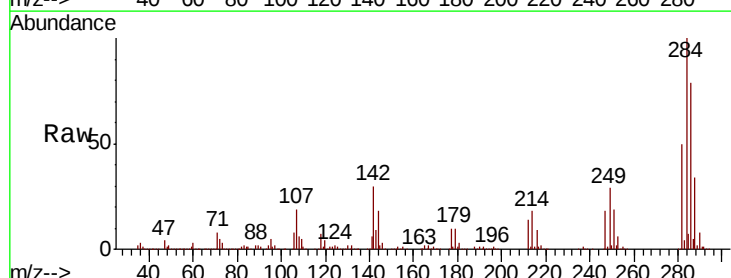
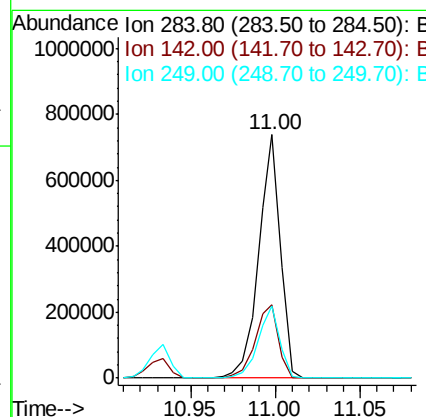
Manual Integrations
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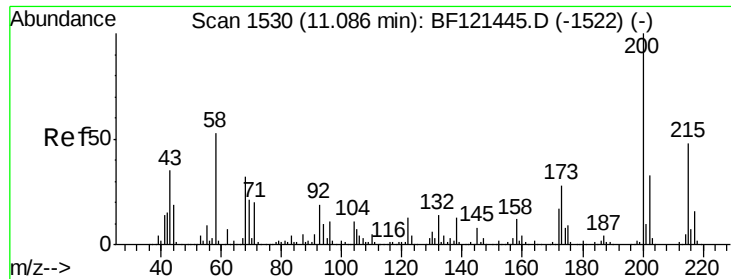
mohammad
9/2/2020 1:55:54 PM



#68
Hexachlorobenzene
Concen: 40.430 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	23.4	35.0
249	29.4	23.8	35.6





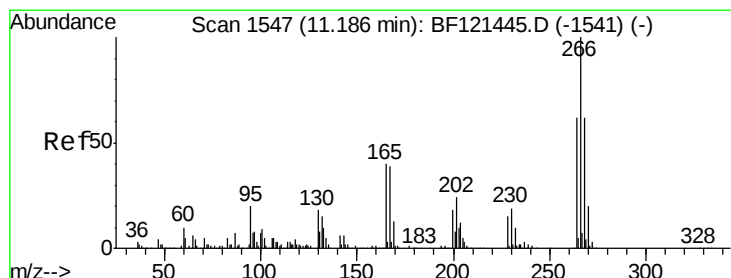
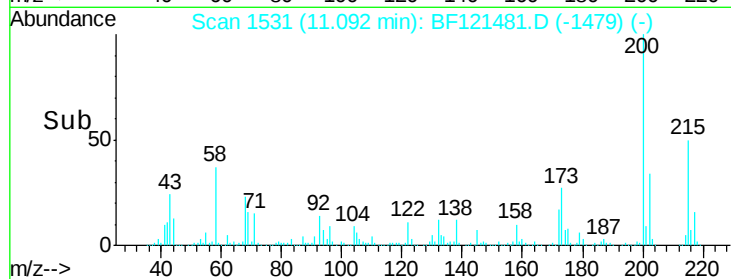
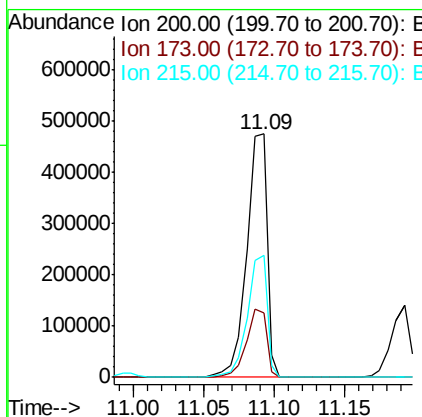
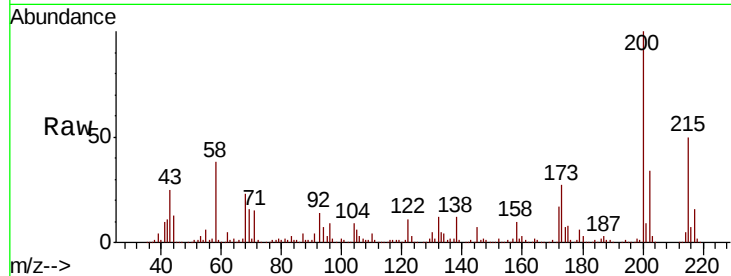
#69
Atrazine
Concen: 41.362 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	8.1	48.1
215	50.4	28.5	68.5

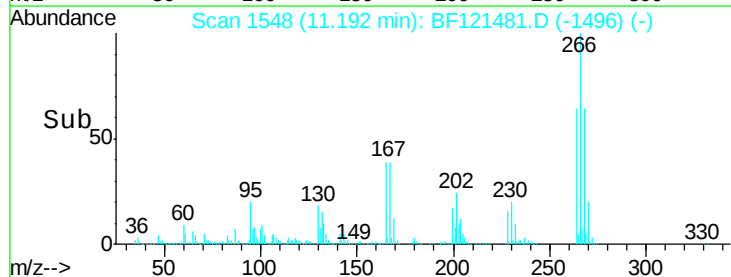
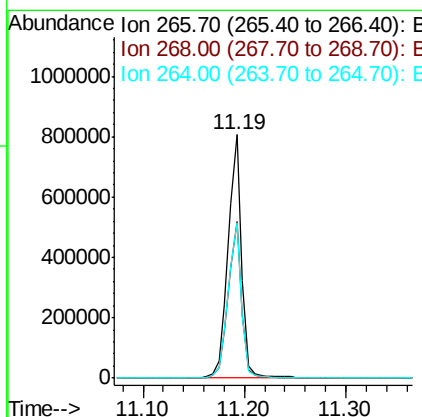
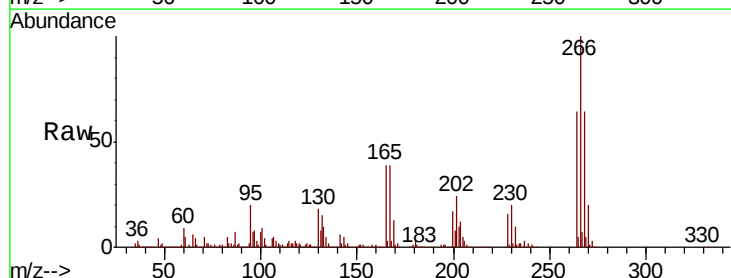
Manual Integrations
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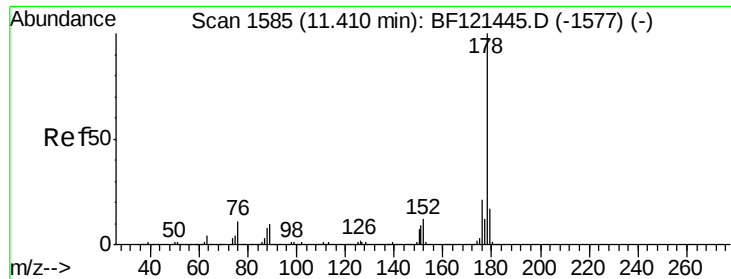
mohammad
9/2/2020 1:55:54 PM



#70
Pentachlorophenol
Concen: 101.071 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	49.7	74.5
264	63.7	49.4	74.0





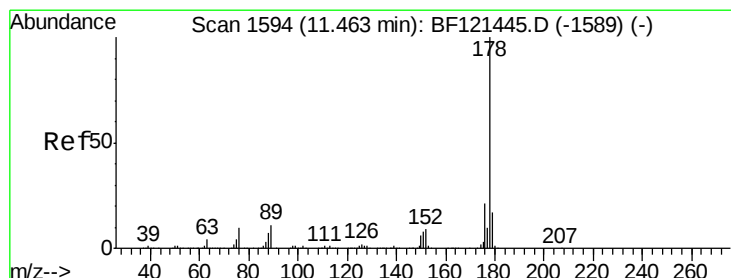
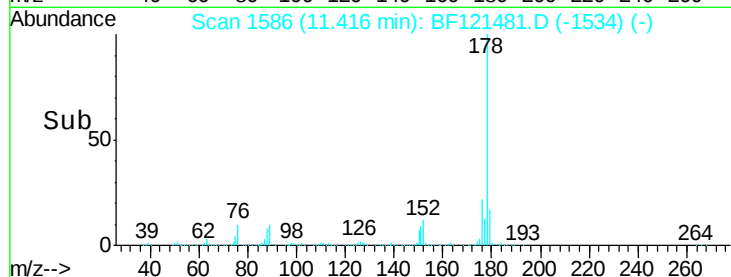
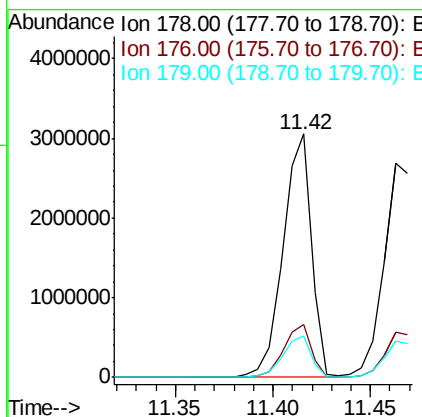
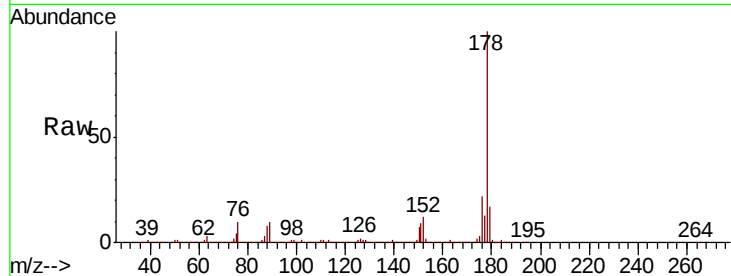
#71
Phenanthrene
Concen: 47.325 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion:178 Resp: 3083658
Ion Ratio Lower Upper
178 100
176 21.9 16.9 25.3
179 17.0 13.4 20.0

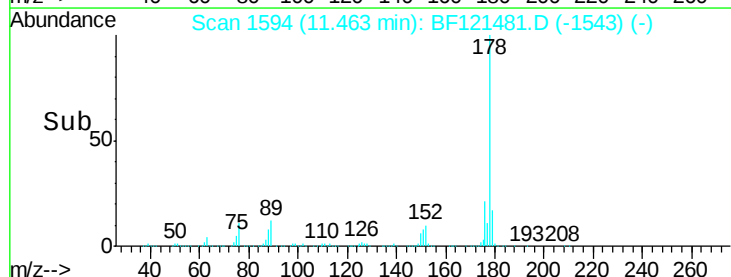
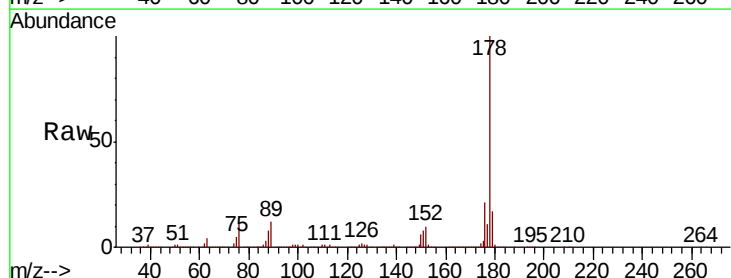
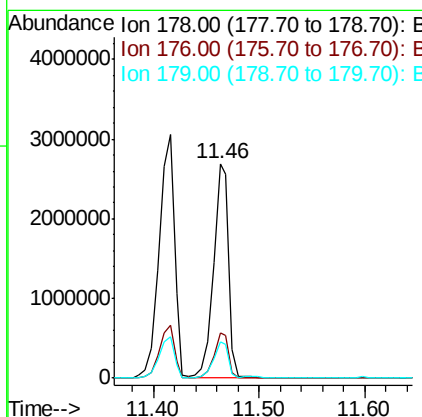
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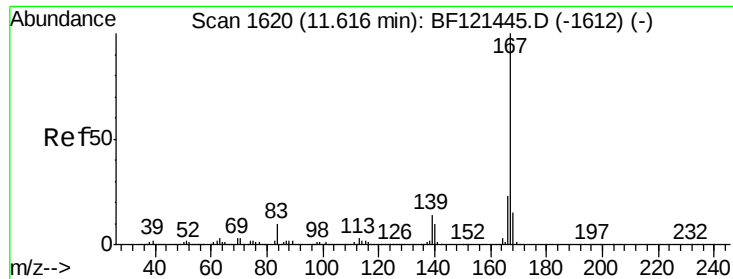
mohammad
9/2/2020 1:55:54 PM



#72
Anthracene
Concen: 42.781 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion:178 Resp: 2741700
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 16.9 13.4 20.2





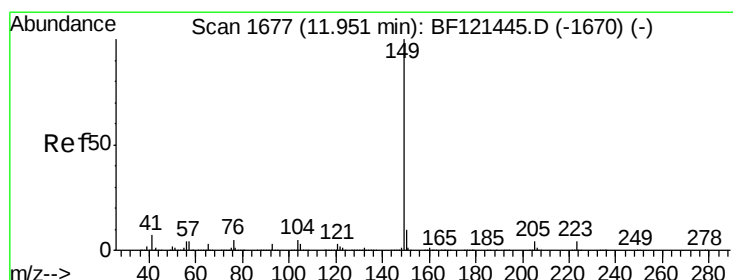
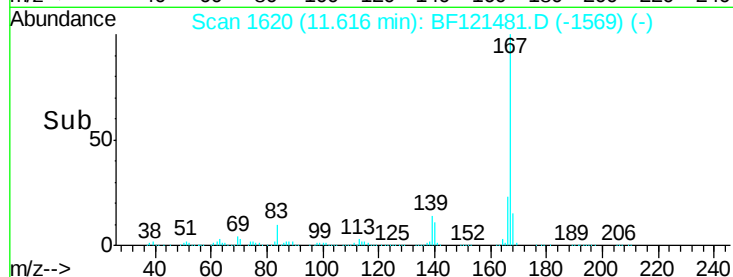
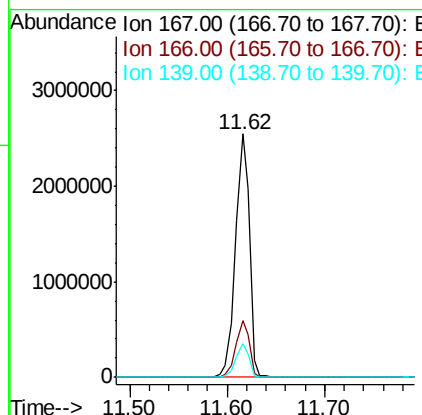
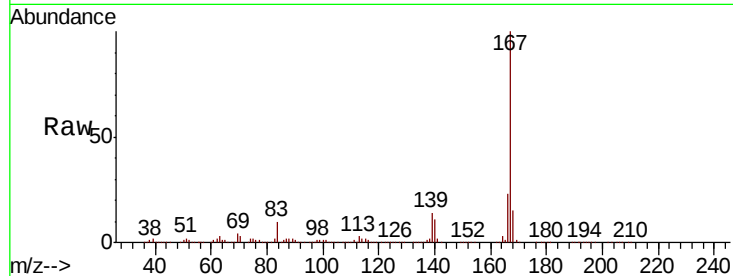
#73
 Carbazole
 Concen: 40.890 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	14.0	11.0	16.6

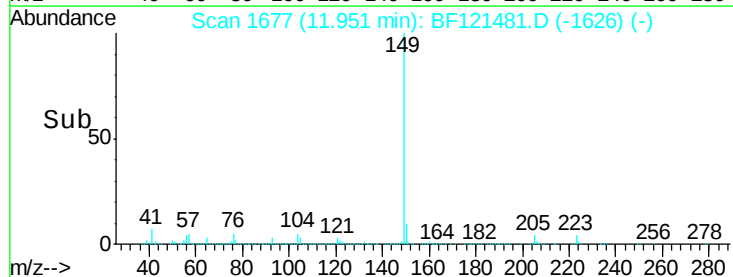
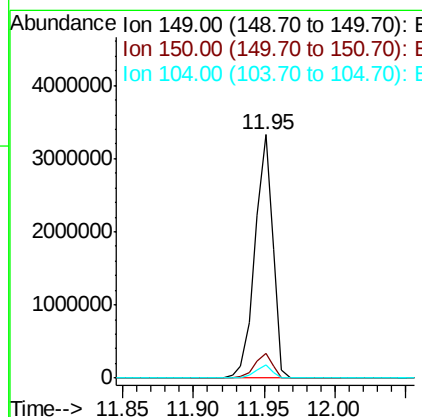
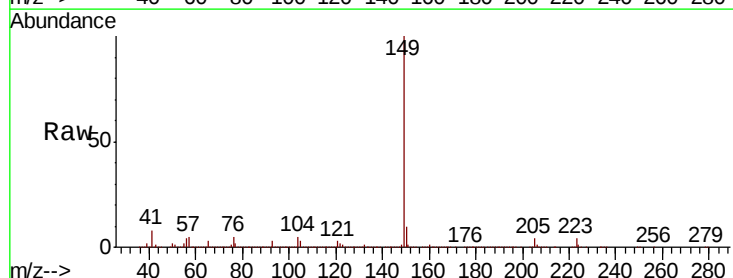
Manual Integrations
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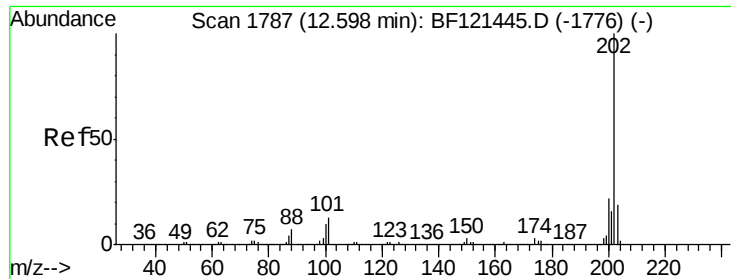
mohammad
 9/2/2020 1:55:54 PM



#74
 Di-n-butylphthalate
 Concen: 43.180 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 55.913 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

Tot Ion:202 Resp: 3926533

Ion Ratio Lower Upper

202 100

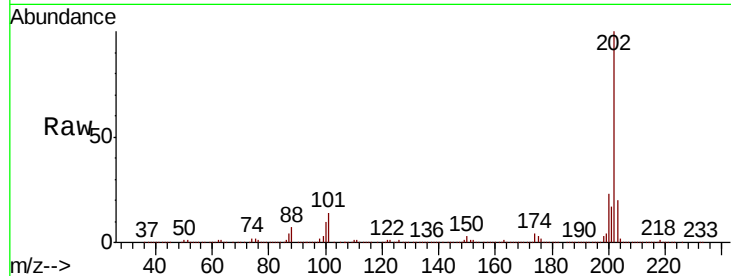
101 13.6 0.0 33.3

203 19.9 0.0 39.1

Manual Integrations
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mohammad

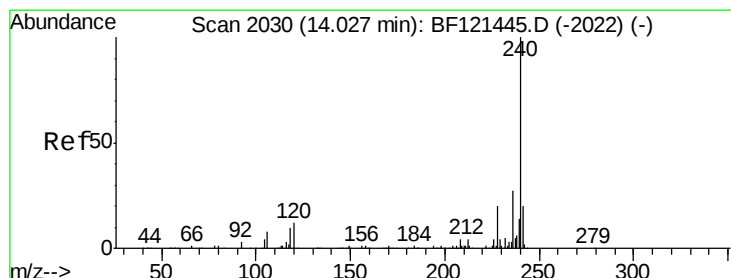
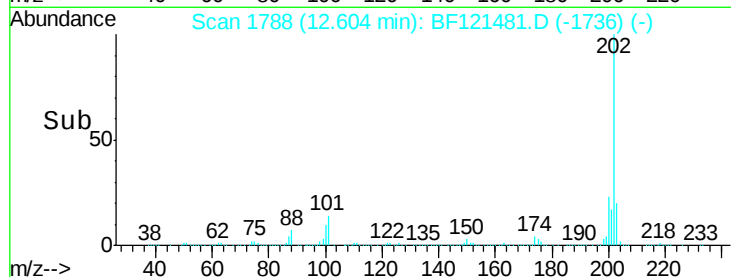
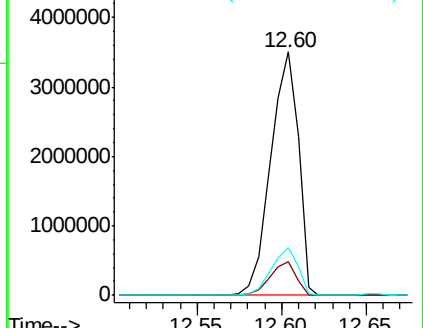
9/2/2020 1:55:54 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

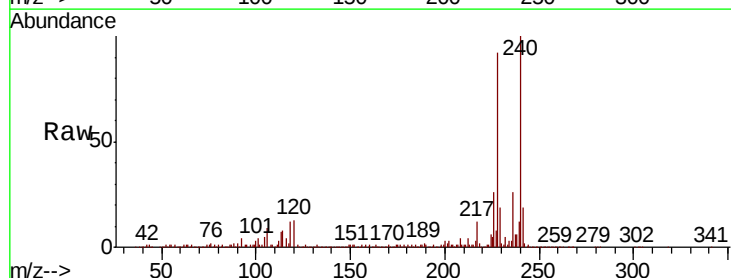
Tgt Ion:240 Resp: 766124

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

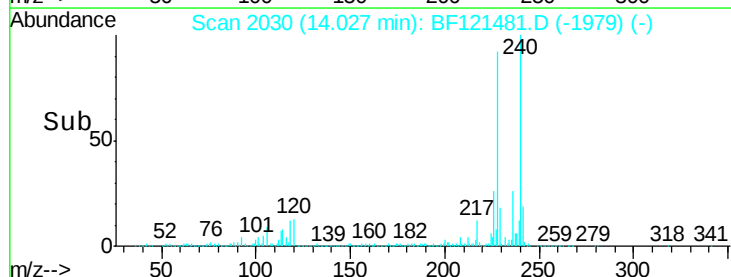
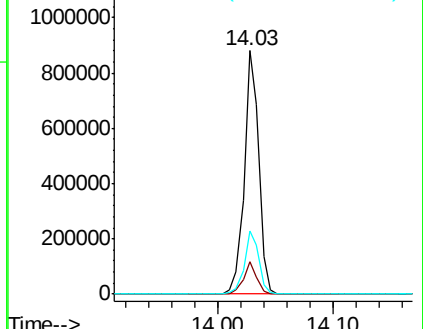
236 26.1 21.8 32.6

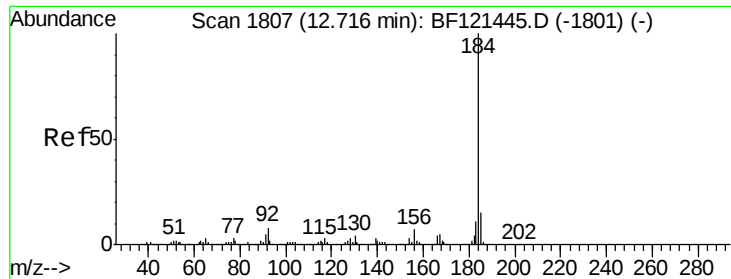


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.702 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

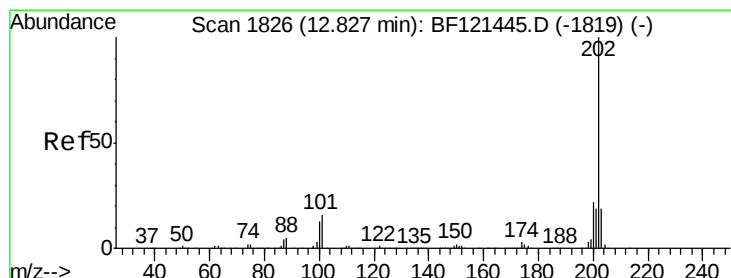
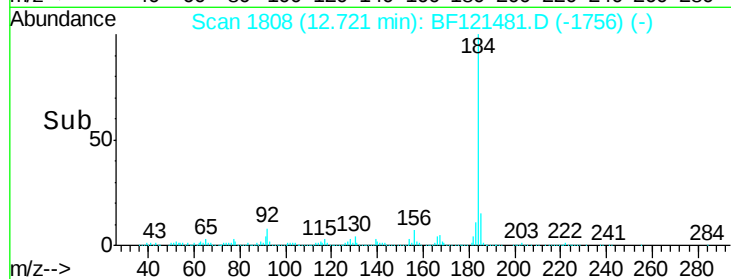
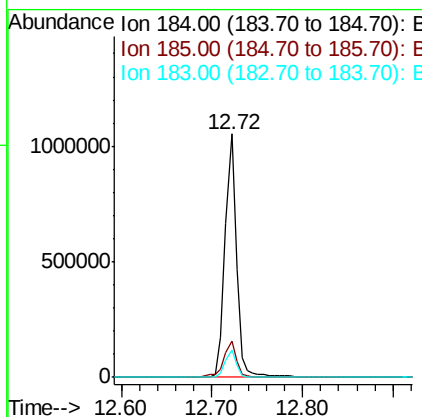
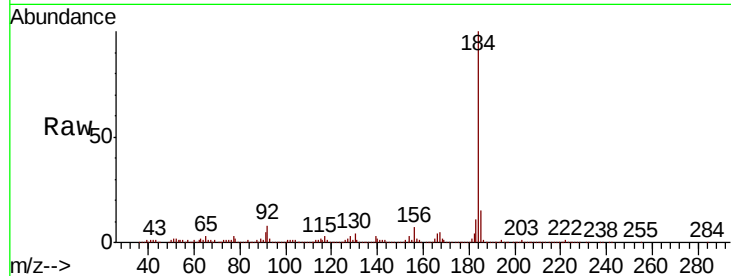
ClientSampleId :

12018MS

Tot Ion:	184	Resp:	913990
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.1	18.1
183	11.2	8.9	13.3

Manual Integrations
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#78

Pyrene

Concen: 67.461 ng

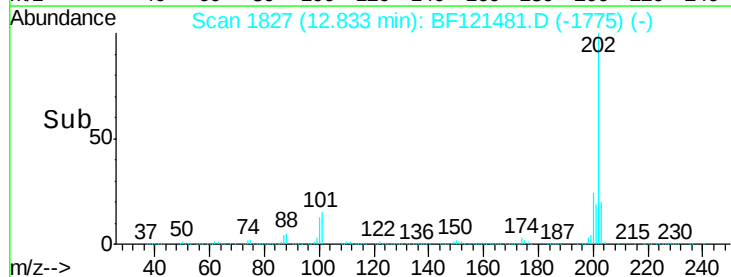
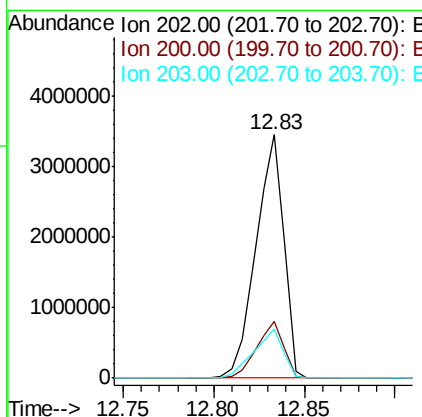
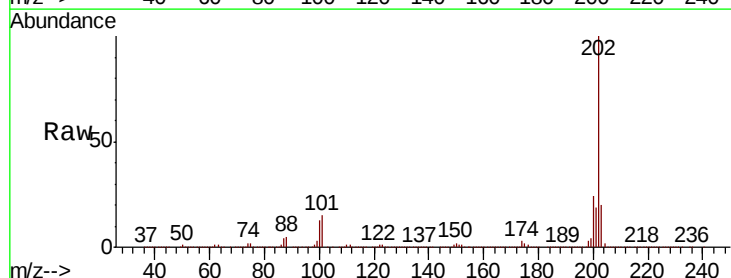
RT: 12.83 min Scan# 1827

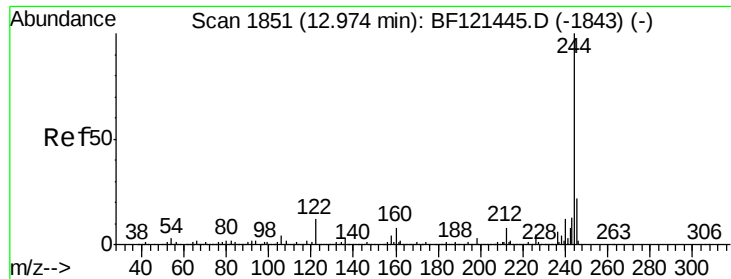
Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Tgt Ion:	202	Resp:	3691116
Ion Ratio	Lower	Upper	
202	100		
200	23.6	18.0	27.0
203	20.0	15.3	22.9





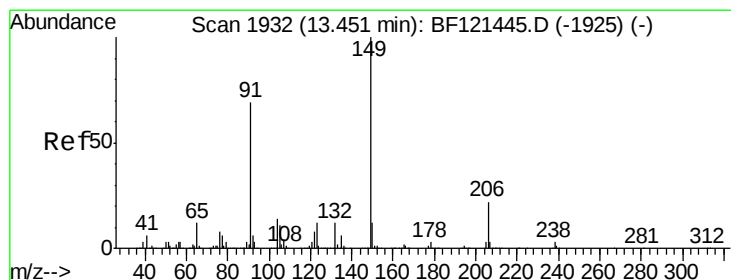
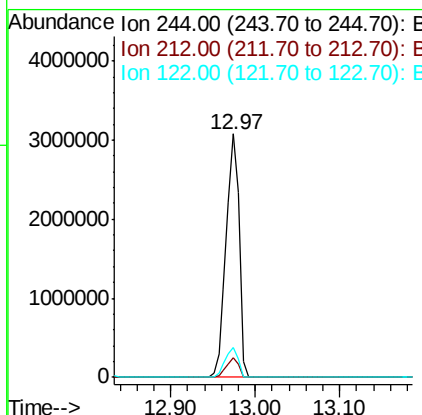
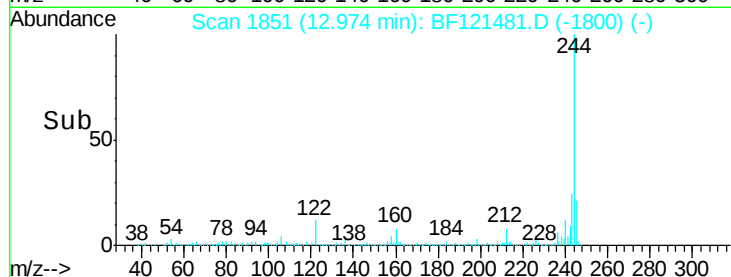
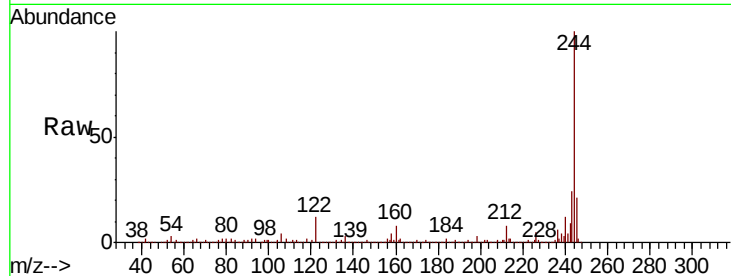
#79
 Terphenyl-d14
 Concen: 90.695 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	12.3	9.5	14.3

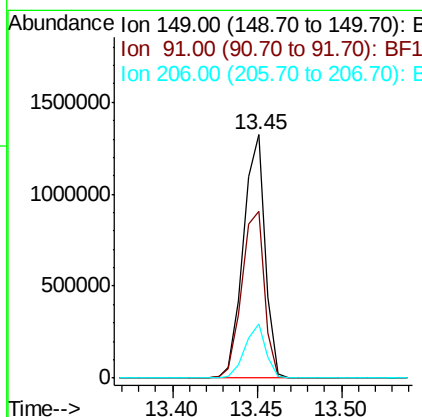
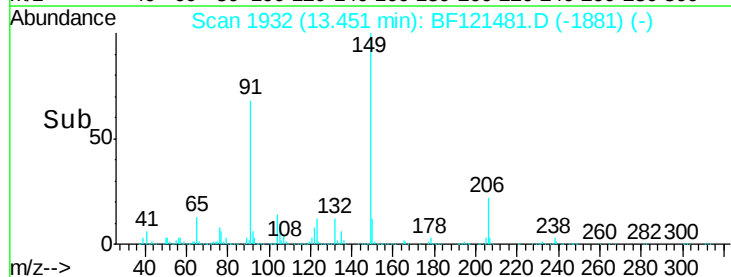
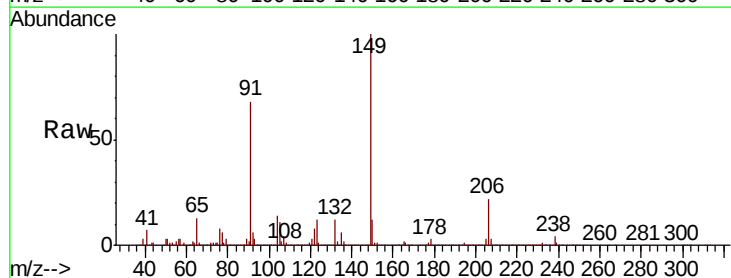
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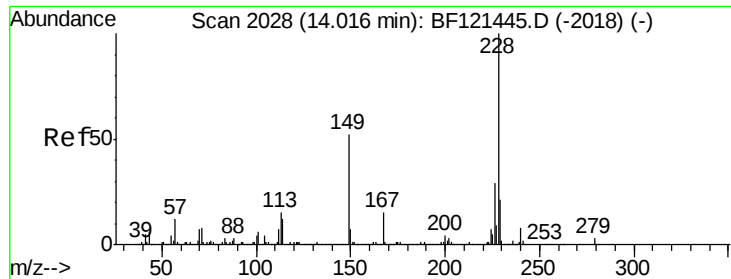
mohammad
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#80
 Butylbenzylphthalate
 Concen: 56.462 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	55.0	82.4
206	22.1	17.8	26.6





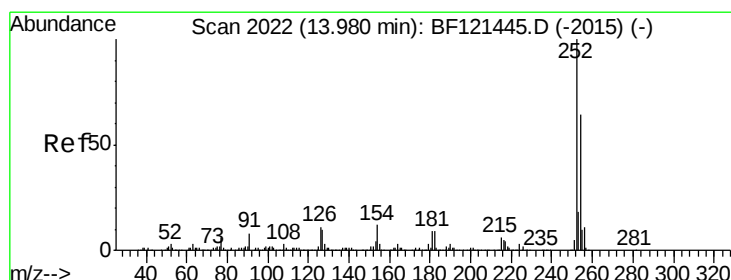
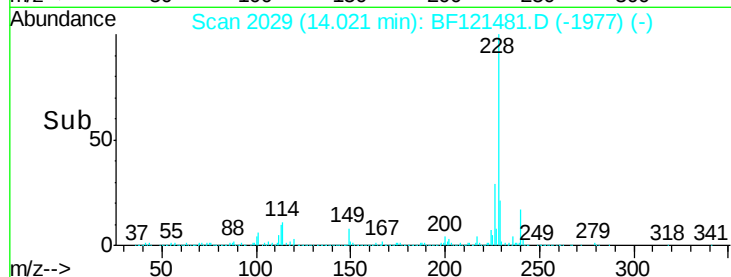
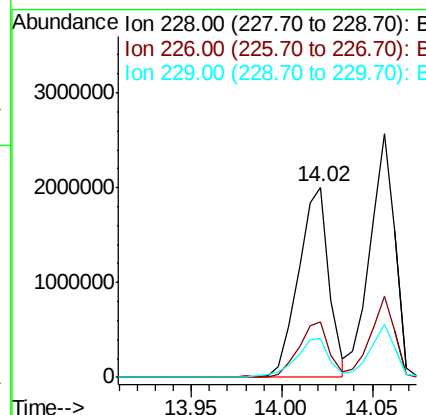
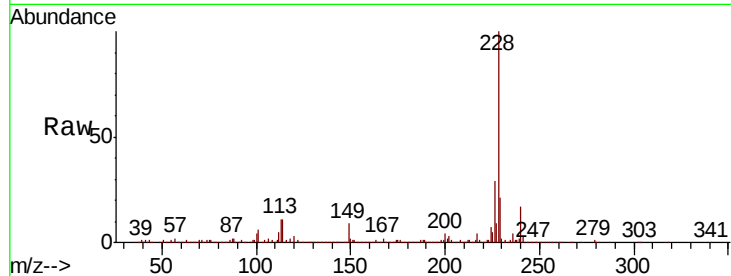
#81
Benzo(a)anthracene
Concen: 50.559 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampleId :
12018MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	20.7	16.6	24.8

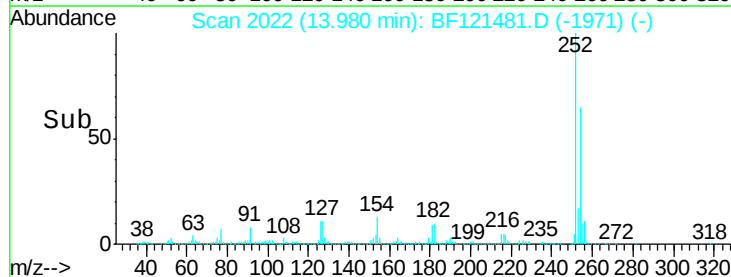
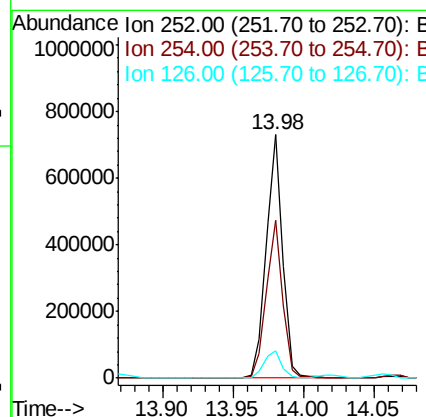
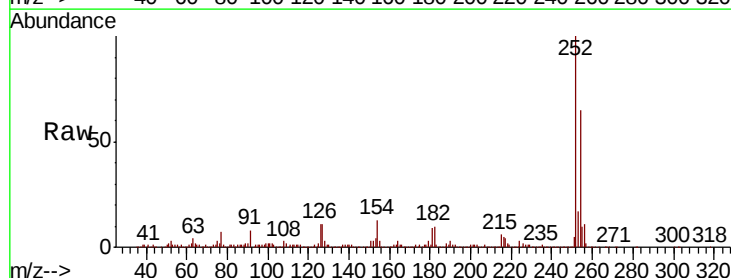
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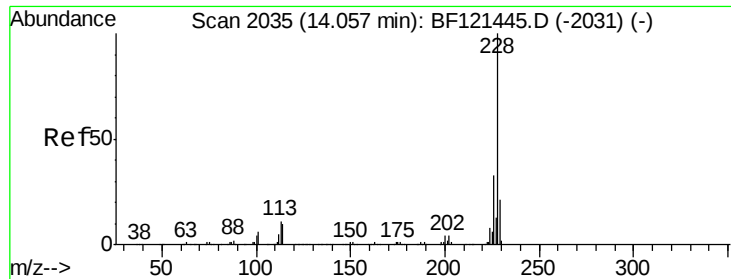
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.456 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.4	77.2
126	11.2	8.5	12.7





#83
 Chrysene
 Concen: 52.526 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

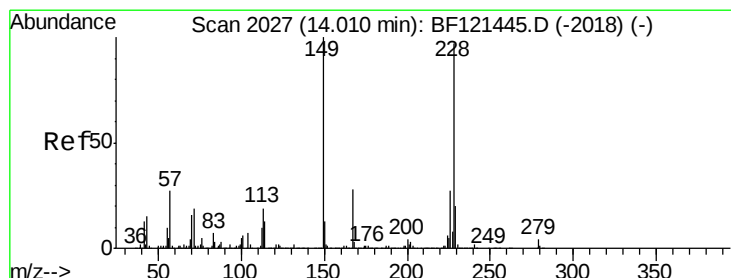
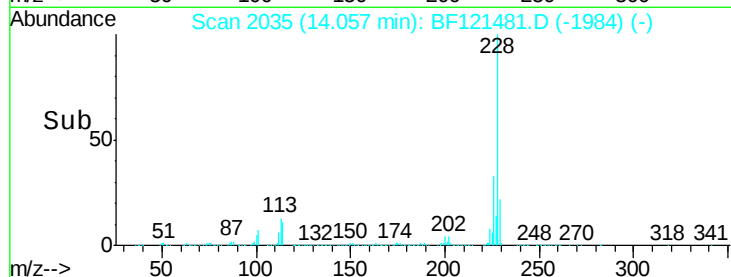
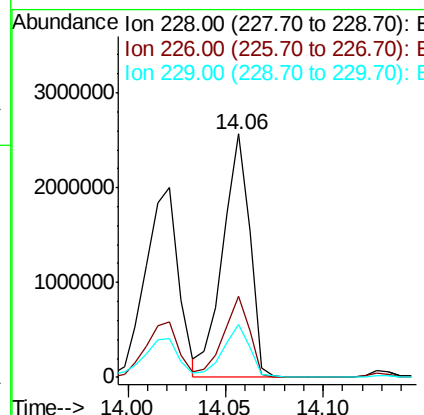
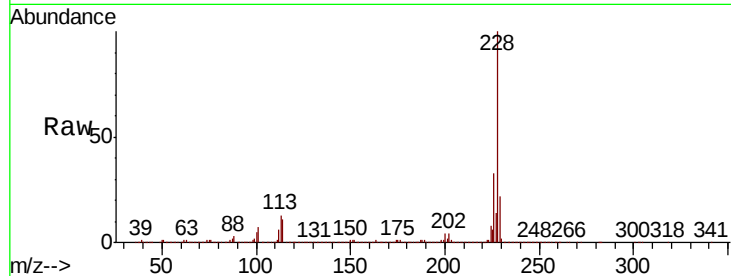
Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion:228 Resp: 2457649

Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.2	39.2
229	21.9	16.6	25.0

Manual Integrations
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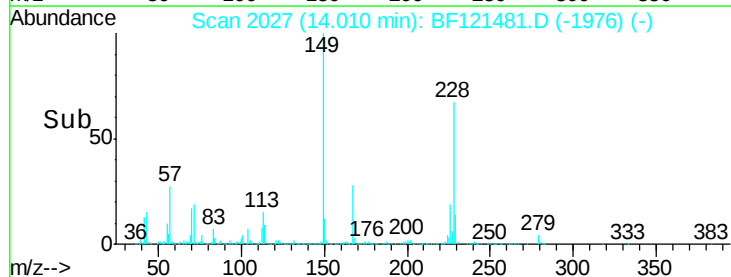
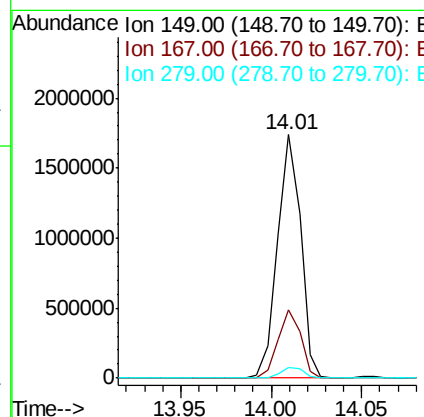
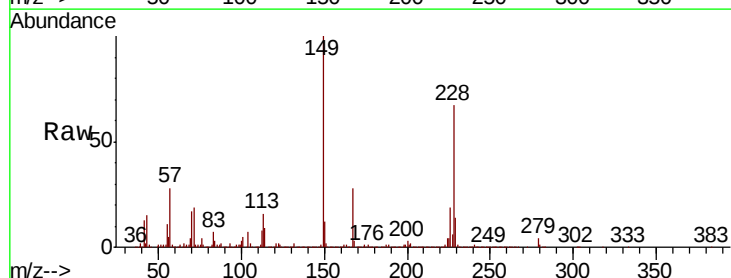
mohammad
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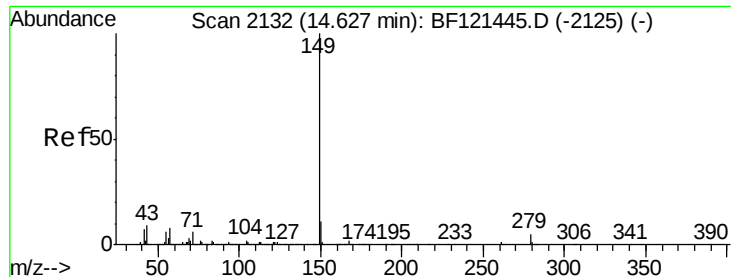


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.747 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion:149 Resp: 1544924

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	4.1	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 54.633 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampleId :

12018MS

Tot Ion:149 Resp: 2520648

Ion Ratio Lower Upper

149 100

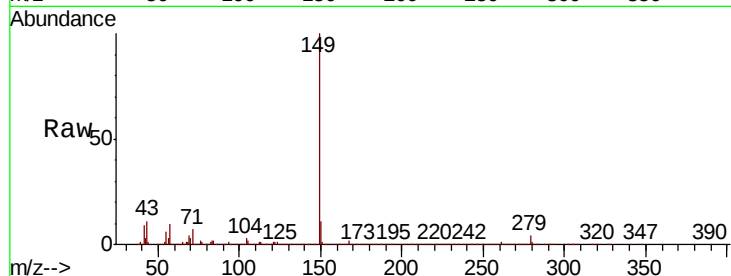
167 1.7 1.4 2.0

43 9.7 8.3 12.5

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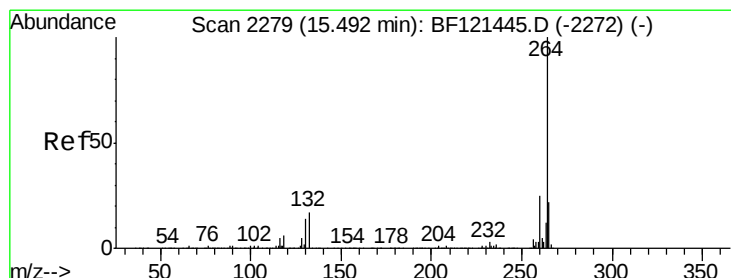
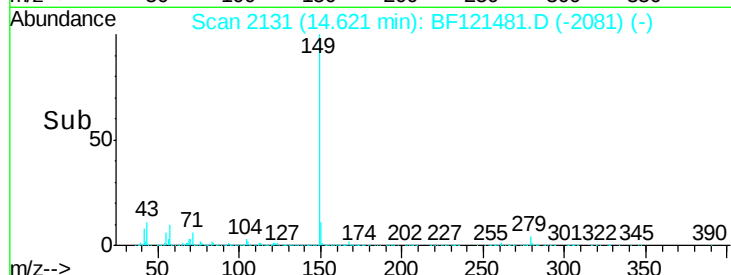
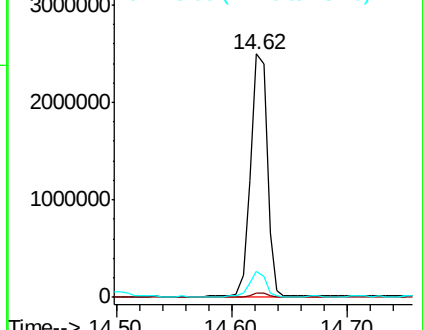
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

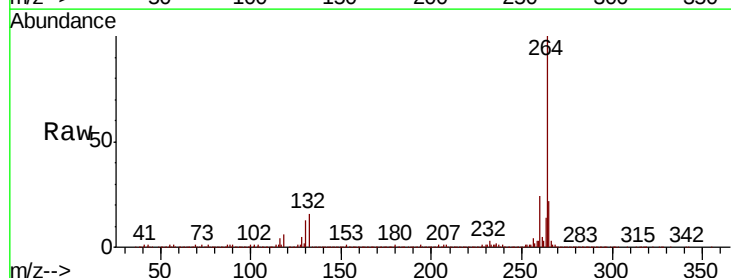
Tgt Ion:264 Resp: 770126

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

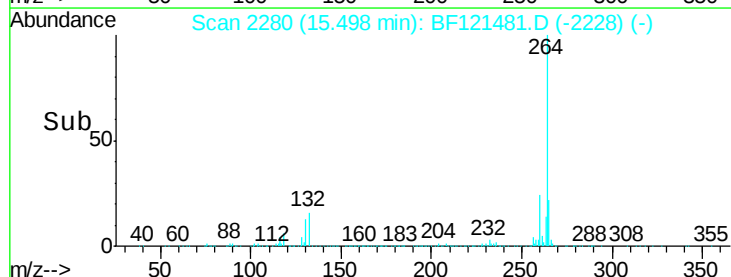
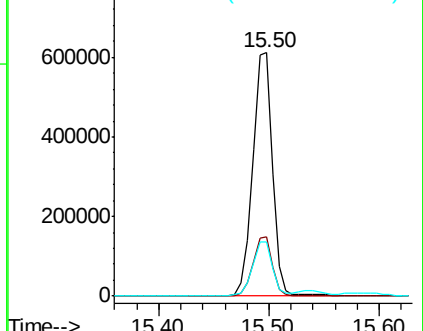
265 22.0 17.8 26.6

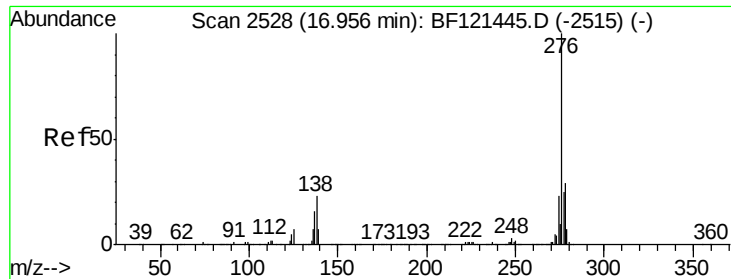


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





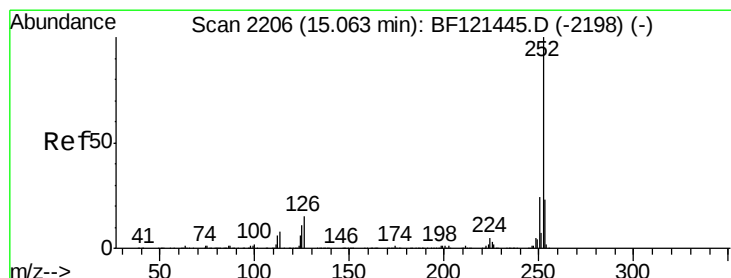
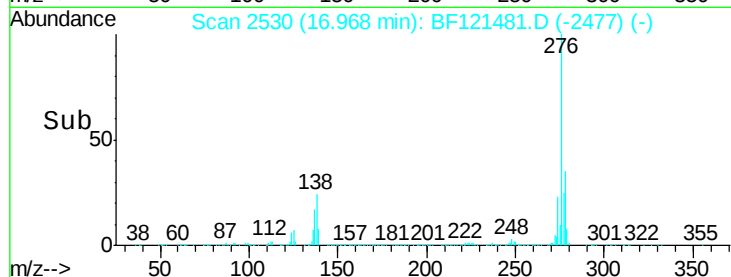
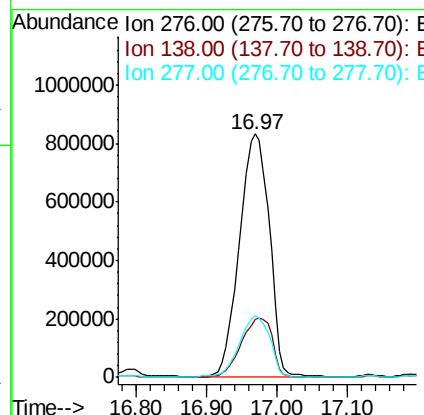
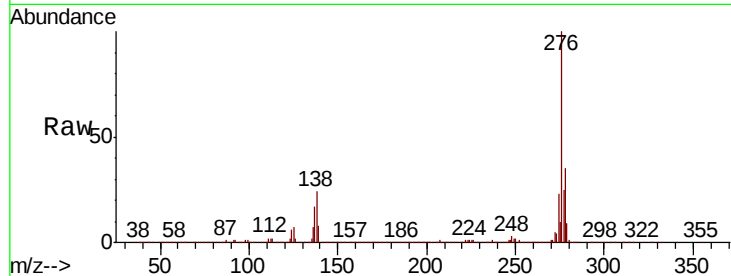
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.506 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Instrument :
 BNA_F
 ClientSampleId :
 12018MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.6	31.0
277	25.1	20.5	30.7

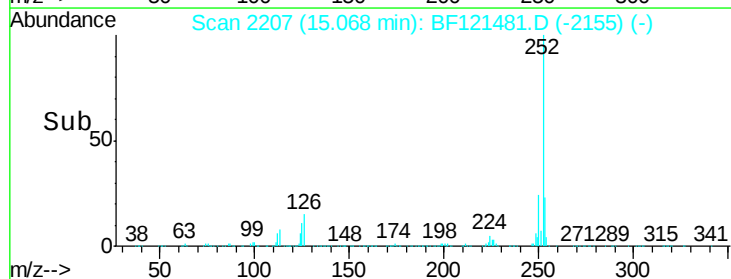
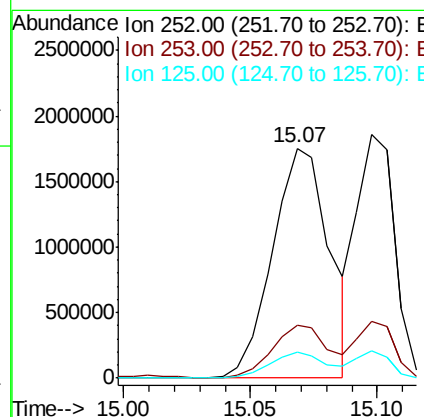
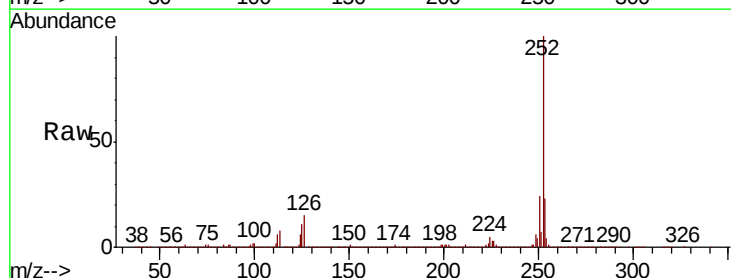
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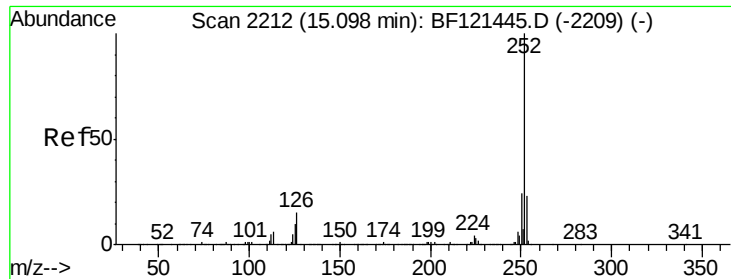
mohammad
 9/2/2020 1:55:54 PM



#88
 Benzo(b)fluoranthene
 Concen: 54.778 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BF121481.D
 Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	11.4	9.2	13.8





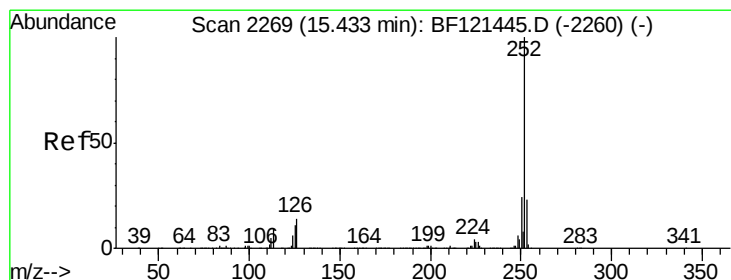
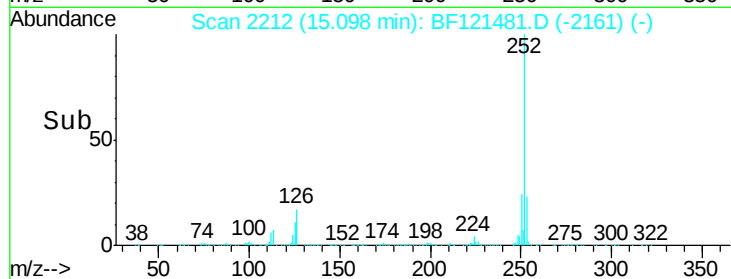
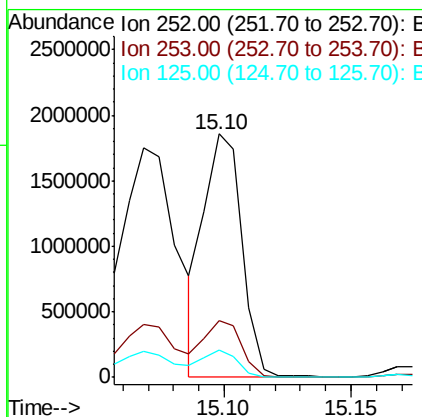
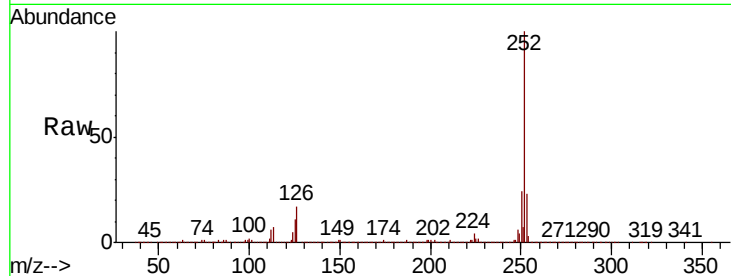
#89
Benzo(k)fluoranthene
Concen: 41.555 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Instrument :
BNA_F
ClientSampled :
12018MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	11.4	8.5	12.7

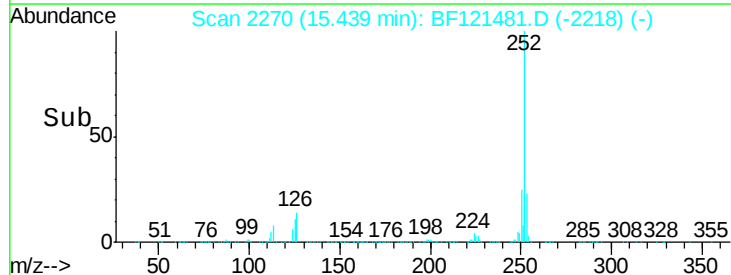
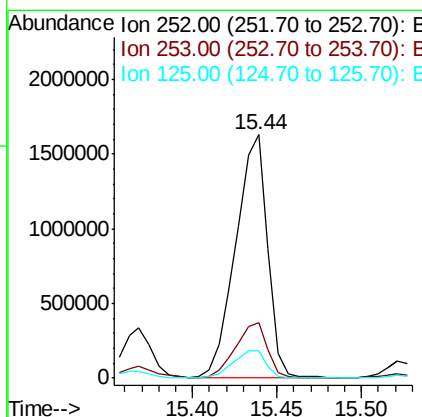
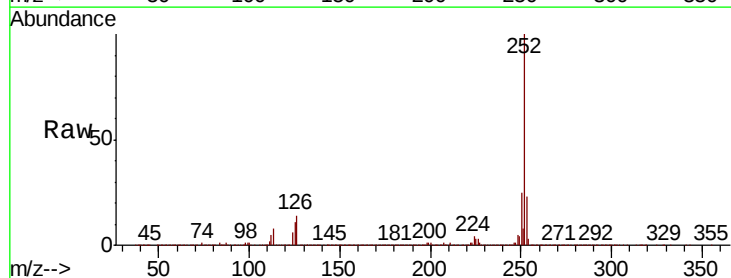
Manual Integrations
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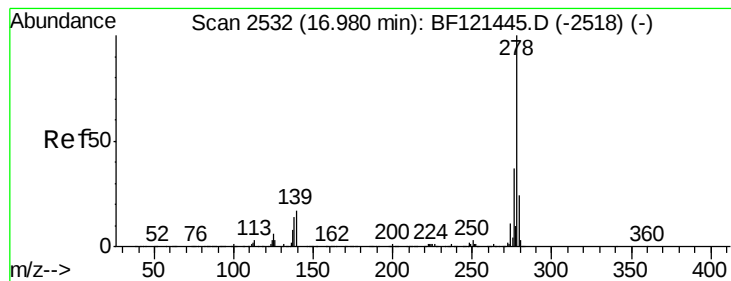
mohammad
9/2/2020 1:55:54 PM



#90
Benzo(a)pyrene
Concen: 47.520 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF121481.D
Acq: 31 Aug 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.1	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 44.624 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

Instrument :

BNA_F

ClientSampled :

12018MS

Tot Ion:278 Resp: 1730872

Ion Ratio Lower Upper

278 100

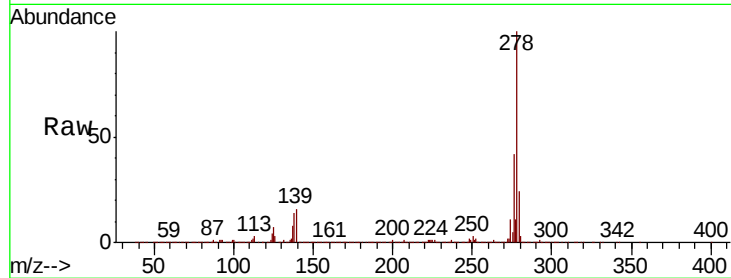
139 16.2 13.3 19.9

279 24.4 19.4 29.0

Manual Integrations
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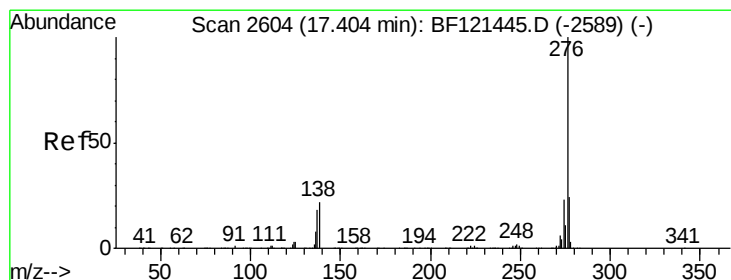
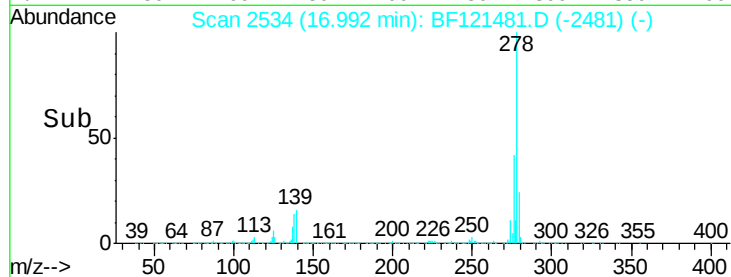
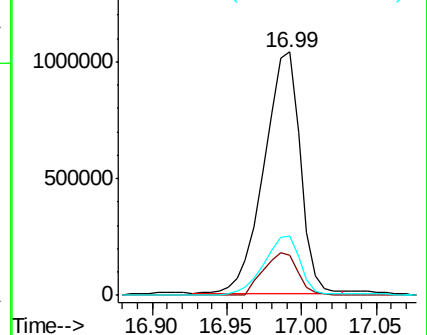
9/2/2020 1:55:54 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.228 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF121481.D

Acq: 31 Aug 2020 16:59

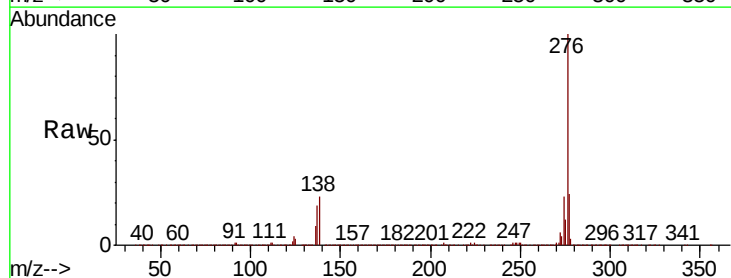
Tgt Ion:276 Resp: 2100912

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 22.8 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

