

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119266.D
 Acq On : 6 Mar 2020 23:07
 Operator : CG/JU
 Sample : L1761-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Manual Integrations
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 3/9/2020 3:09:32 PM

Quant Time: Mar 07 07:08:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	105998	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	404387	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226523	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	431498	20.00	ng	0.00
76) Chrysene-d12	13.89	240	340246	20.00	ng	0.00
87) Perylene-d12	15.31	264	337776	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	760041	119.83	ng	0.01
7) Phenol-d6	6.38	99	833123	108.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	648568	84.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	365170	123.23	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1292746	84.07	ng	0.00
79) Terphenyl-d14	12.83	244	1770619	89.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	104096	36.861	ng	97
3) Pyridine	3.23	79	162279	21.041	ng	97
4) n-Nitrosodimethylamine	3.13	42	102697	43.957	ng	95
6) Aniline	6.40	93	70762	7.434	ng	# 1
8) 2-Chlorophenol	6.52	128	316896	46.296	ng	100
9) Benzaldehyde	6.28	77	245352	47.606	ng	97
10) Phenol	6.40	94	318227	38.156	ng	79
11) bis(2-Chloroethyl)ether	6.46	93	290587	45.537	ng	98
12) 1,3-Dichlorobenzene	6.66	146	342021	41.689	ng	96
13) 1,4-Dichlorobenzene	6.74	146	350141	42.649	ng	99
14) 1,2-Dichlorobenzene	6.89	146	322611	43.087	ng	99
15) Benzyl Alcohol	6.88	79	264391	47.423	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	230123	41.630	ng	# 32
17) 2-Methylphenol	7.00	107	248473	44.773	ng	94
18) Hexachloroethane	7.23	117	123222	41.952	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	221138	49.198	ng	96
20) 3+4-Methylphenols	7.16	107	328472	48.312	ng	# 86
22) Acetophenone	7.14	105	441899	47.229	ng	# 94
24) Nitrobenzene	7.31	77	335317	44.273	ng	96
25) Isophorone	7.55	82	598340	44.984	ng	99
26) 2-Nitrophenol	7.63	139	175302	43.684	ng	95
27) 2,4-Dimethylphenol	7.67	122	261249	47.968	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	362470	41.867	ng	99
29) 2,4-Dichlorophenol	7.88	162	280067	43.681	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	306855	40.366	ng	98
31) Naphthalene	8.03	128	1021552	48.710	ng	98
32) Benzoic acid	7.83	122	111476	30.827	ng	99
33) 4-Chloroaniline	8.09	127	49200	5.454	ng	96
34) Hexachlorobutadiene	8.15	225	185856	39.250	ng	99
35) Caprolactam	8.46	113	66883m	33.878	ng	
36) 4-Chloro-3-methylphenol	8.59	107	298107	45.941	ng	99
37) 2-Methylnaphthalene	8.72	142	665466	47.151	ng	97
38) 1-Methylnaphthalene	8.82	142	629405	47.419	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317293	41.545	ng	99

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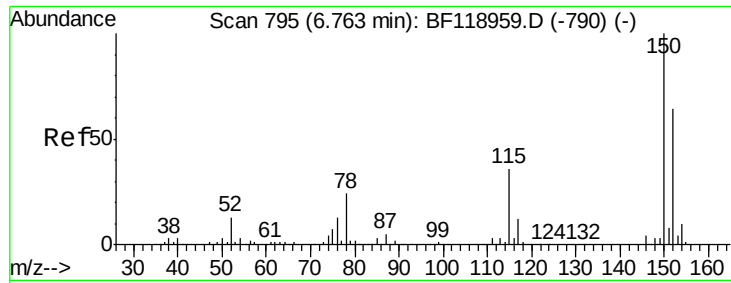
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	109374	44.117	ng	98
43) 2,4,6-Trichlorophenol	9.01	196	197854	41.023	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	206602	40.822	ng	98
46) 1,1'-Biphenyl	9.18	154	782229	42.727	ng	98
47) 2-Chloronaphthalene	9.21	162	619663	42.002	ng	97
48) 2-Nitroaniline	9.31	65	179956	43.732	ng	93
49) Acenaphthylene	9.62	152	946182	44.405	ng	99
50) Dimethylphthalate	9.49	163	790739	45.650	ng	99
51) 2,6-Dinitrotoluene	9.55	165	170175	44.220	ng #	81
52) Acenaphthene	9.79	154	575189	44.767	ng	100
53) 3-Nitroaniline	9.73	138	33372	7.822	ng	94
54) 2,4-Dinitrophenol	9.85	184	85113	48.728	ng	93
55) Dibenzofuran	9.97	168	846296	44.130	ng	98
56) 4-Nitrophenol	9.92	139	118247	46.130	ng #	83
57) 2,4-Dinitrotoluene	9.97	165	219561	44.016	ng	98
58) Fluorene	10.31	166	702072	47.113	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	186286	43.622	ng	97
60) Diethylphthalate	10.19	149	735866	45.080	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	358325	45.427	ng	95
62) 4-Nitroaniline	10.35	138	135601	31.065	ng	98
63) Azobenzene	10.46	77	660738	46.568	ng	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	100482	38.483	ng	98
66) n-Nitrosodiphenylamine	10.42	169	624259	44.183	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	236064	41.854	ng	96
68) Hexachlorobenzene	10.86	284	275764	42.406	ng	98
69) Atrazine	10.95	200	216411	43.839	ng	97
70) Pentachlorophenol	11.06	266	180459	68.890	ng	97
71) Phenanthrene	11.27	178	1085760	46.140	ng	98
72) Anthracene	11.32	178	1096595	46.639	ng	99
73) Carbazole	11.48	167	977549	46.669	ng	99
74) Di-n-butylphthalate	11.80	149	1178047	46.441	ng	98
75) Fluoranthene	12.46	202	1165643	46.666	ng	99
77) Benzidine	12.58	184	146184	10.564	ng	99
78) Pyrene	12.69	202	1171637	42.884	ng	99
80) Butylbenzylphthalate	13.30	149	512398	44.561	ng	99
81) Benzo(a)anthracene	13.87	228	1047142	45.168	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	119274	13.250	ng	99
83) Chrysene	13.91	228	1019633	44.140	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	708850	48.795	ng	99
85) Di-n-octyl phthalate	14.46	149	1159830	50.109	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1013940	45.331	ng	100
88) Benzo(b)fluoranthene	14.90	252	944753	42.433	ng	100
89) Benzo(k)fluoranthene	14.93	252	980163	47.505	ng	99
90) Benzo(a)pyrene	15.26	252	860969	42.847	ng	97
91) Dibenzo(a,h)anthracene	16.72	278	855044	48.361	ng	99
92) Benzo(g,h,i)perylene	17.14	276	855779	48.988	ng	99

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



#1

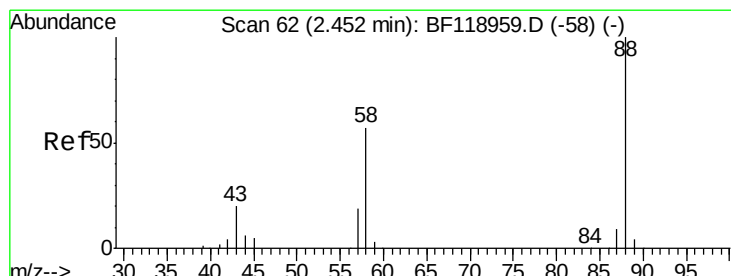
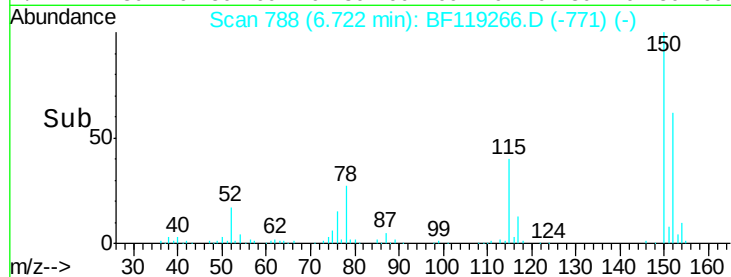
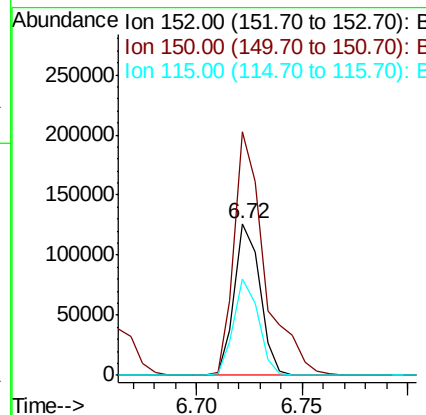
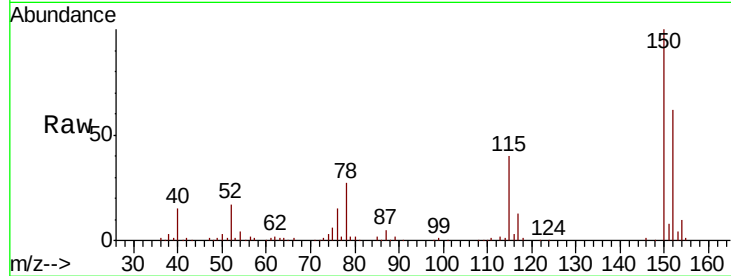
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.0	184.6
115	63.7	49.5	74.3

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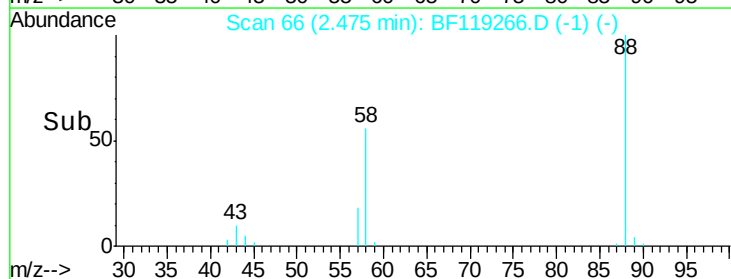
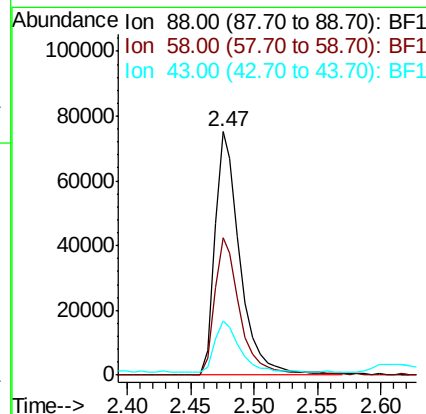
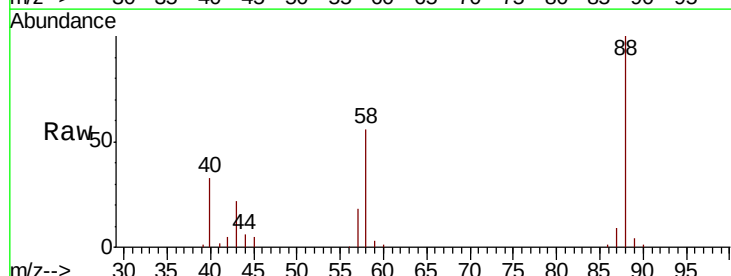
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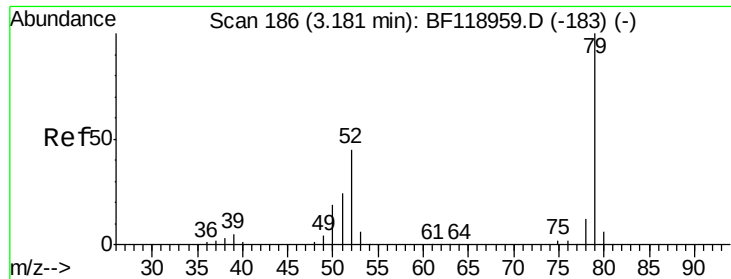


#2

1,4-Dioxane
Concen: 36.861 ng
RT: 2.47 min Scan# 66
Delta R.T. 0.09 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	43.8	65.6
43	21.5	16.2	24.4





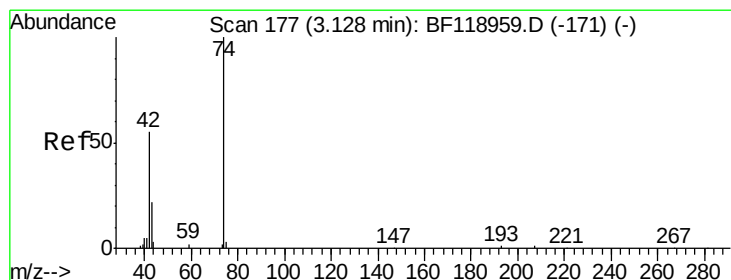
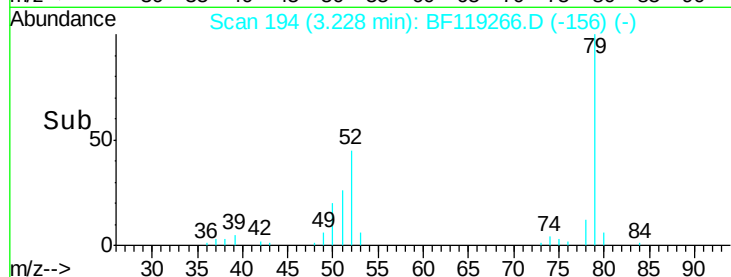
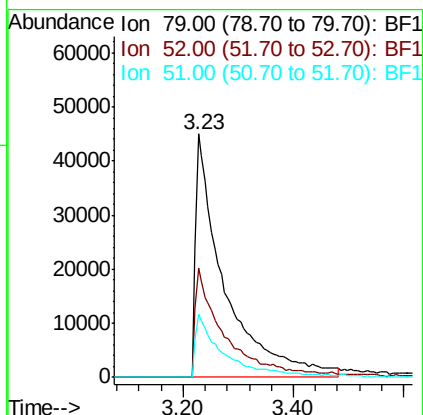
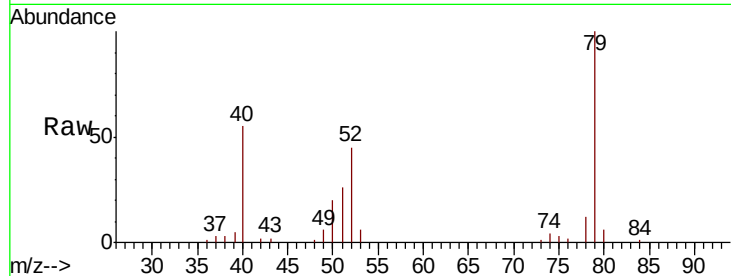
#3
 Pvridine
 Concen: 21.041 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.12 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	45.0	37.4	56.0	
51	26.1	19.8	29.6	

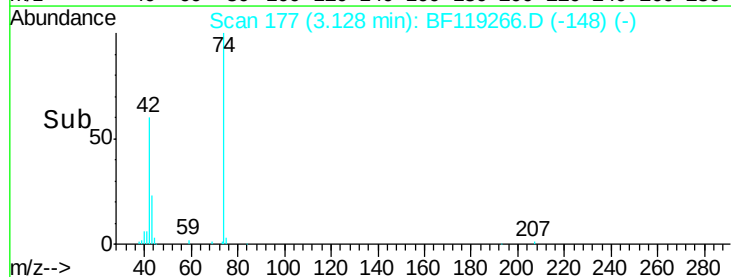
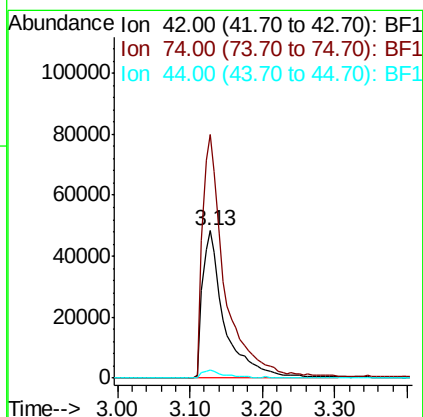
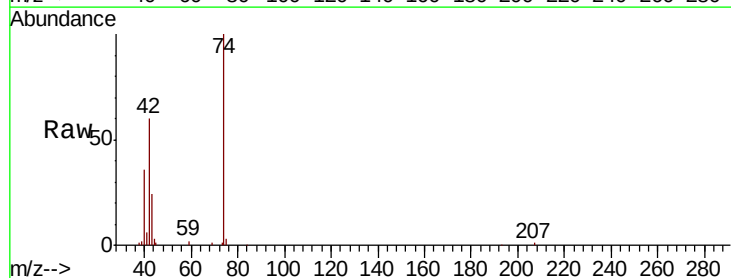
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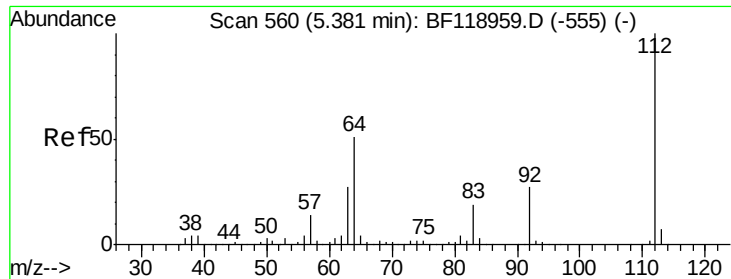
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#4
 n-Nitrosodimethylamine
 Concen: 43.957 ng
 RT: 3.13 min Scan# 177
 Delta R.T. 0.07 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	165.5	137.7	206.5	
44	5.5	4.5	6.7	





#5

2-Fluorophenol

Concen: 119.829 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

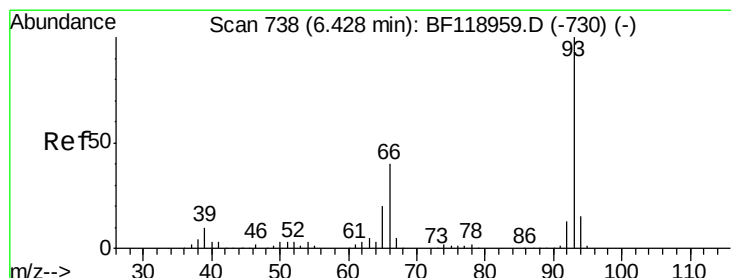
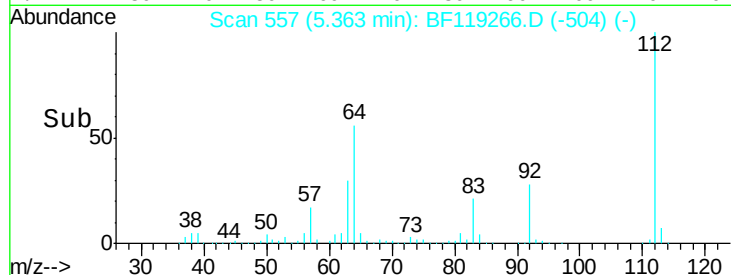
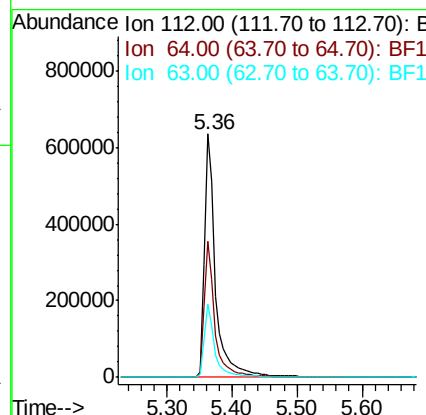
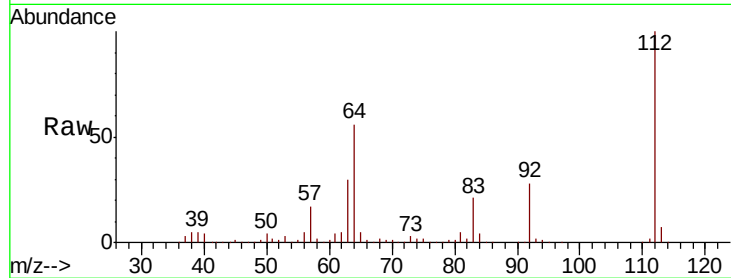
ClientSampleId :

SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	30.1	24.2	36.4

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#6

Aniline

Concen: 7.434 ng

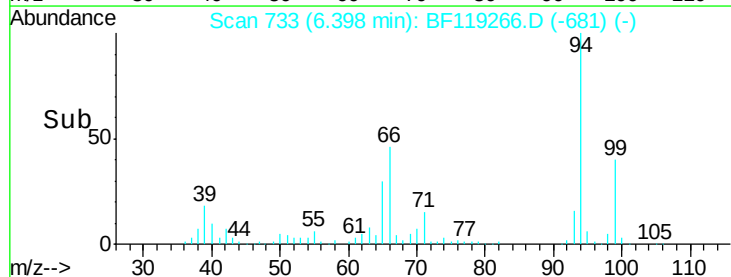
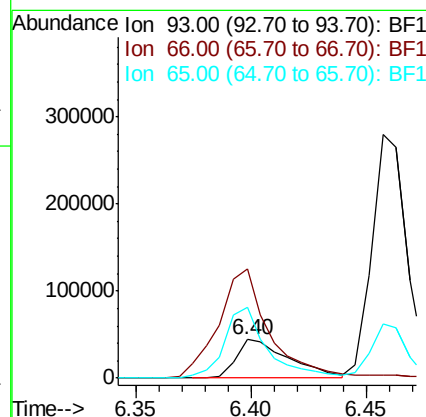
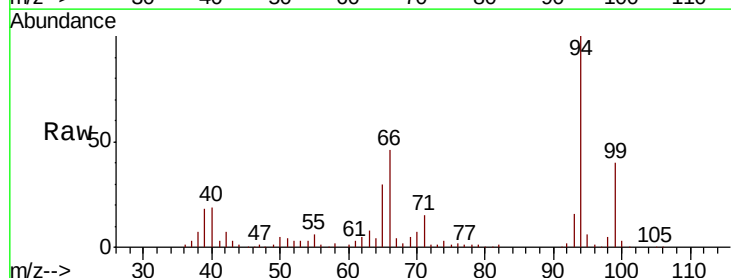
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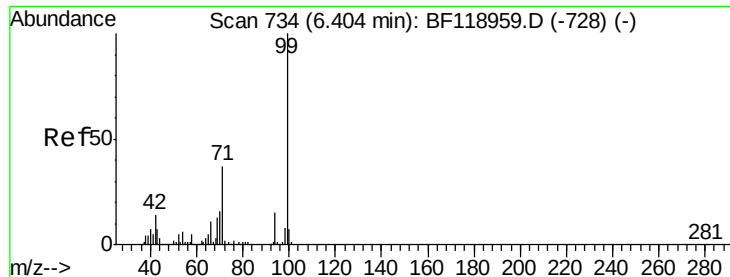
Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
93	100		
66	284.1	74.5	111.7#
65	184.2	45.3	67.9#





#7

Phenol-d6

Concen: 108.003 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

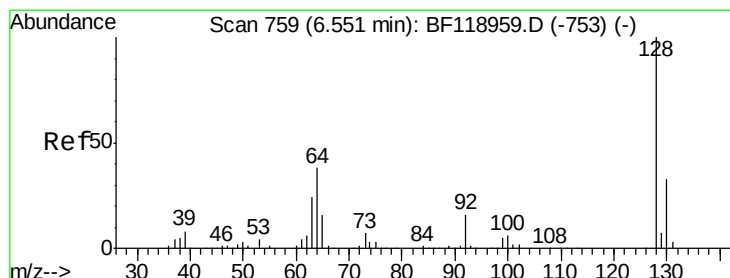
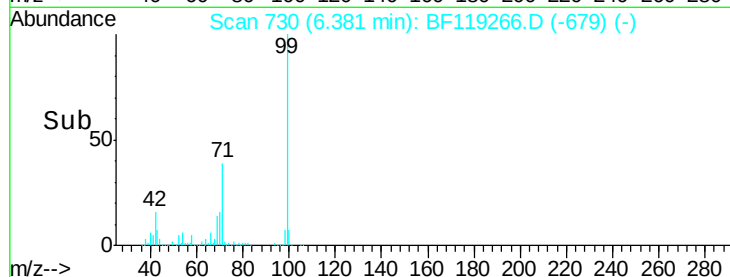
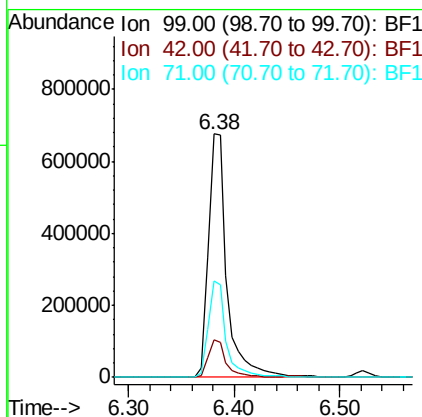
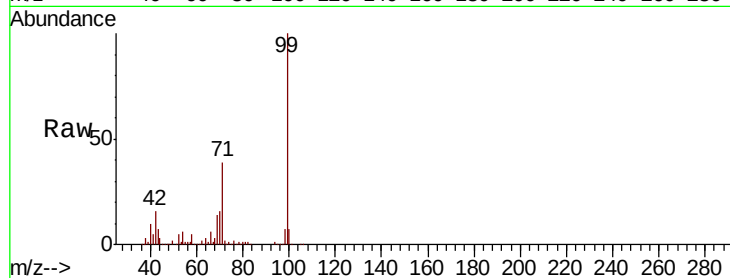
ClientSampleId :

SU-04-030420MSD

Tot Ion:	99	Resp:	833123
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	39.4	31.0	46.4

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#8

2-Chlorophenol

Concen: 46.296 ng

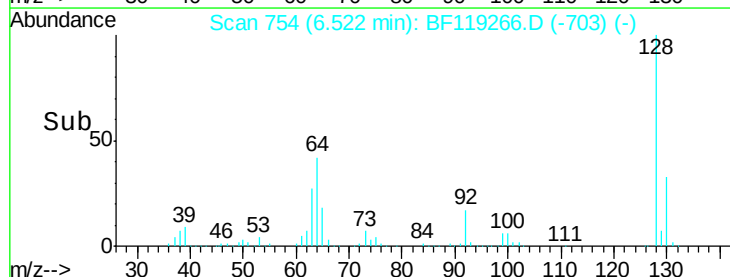
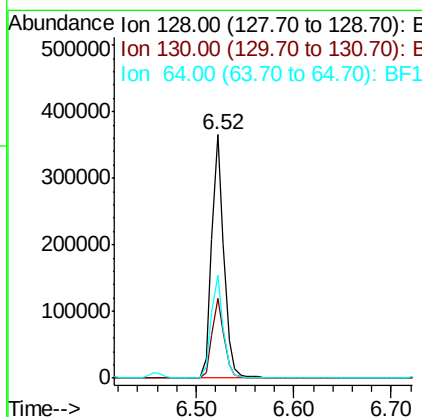
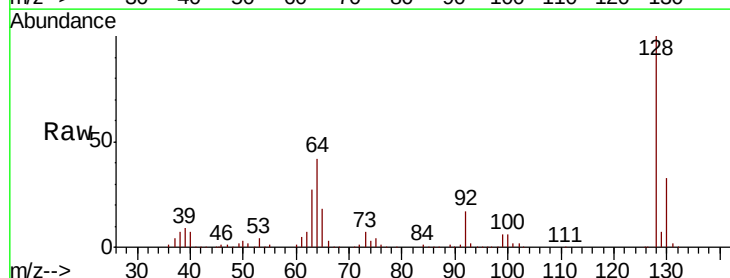
RT: 6.52 min Scan# 754

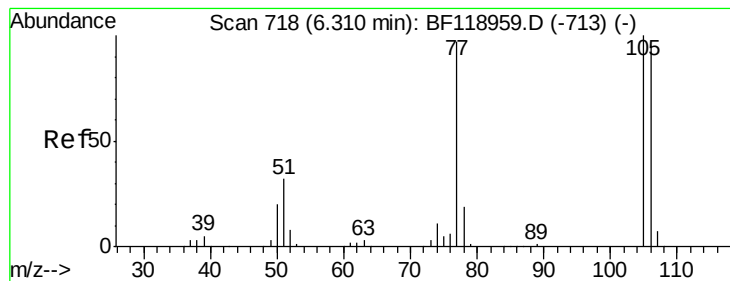
Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion:	128	Resp:	316896
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	42.1	22.3	62.3





#9

Benzaldehyde

Concen: 47.606 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

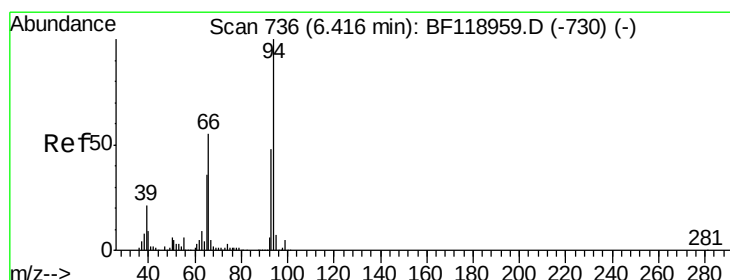
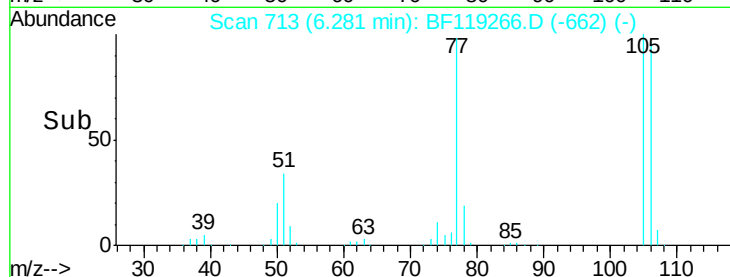
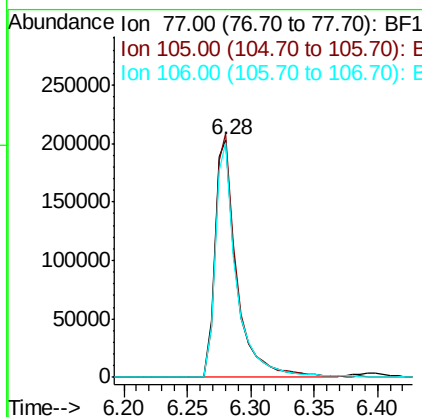
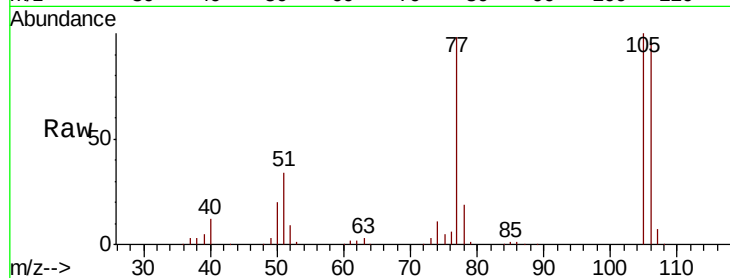
ClientSampleId :

SU-04-030420MSD

Tot Ion:	77	Resp:	245352
Ion	Ratio	Lower	Upper
77	100		
105	102.5	80.1	120.1
106	98.7	75.9	115.9

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#10

Phenol

Concen: 38.156 ng

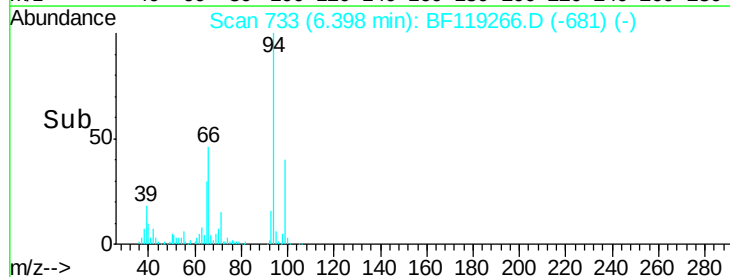
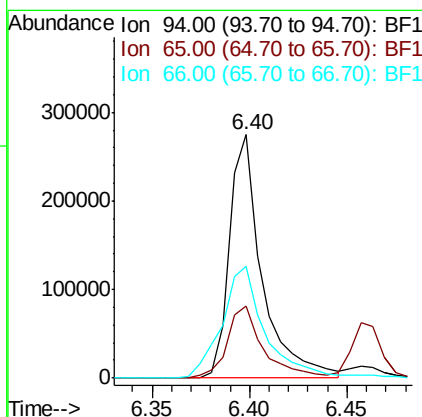
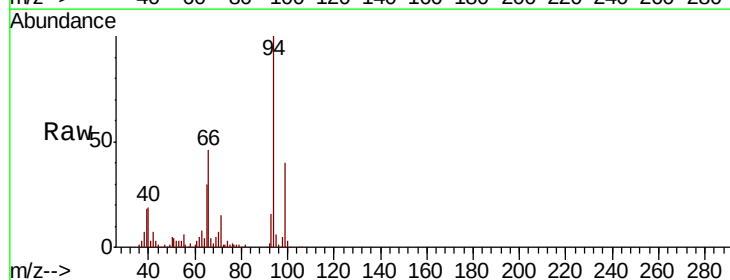
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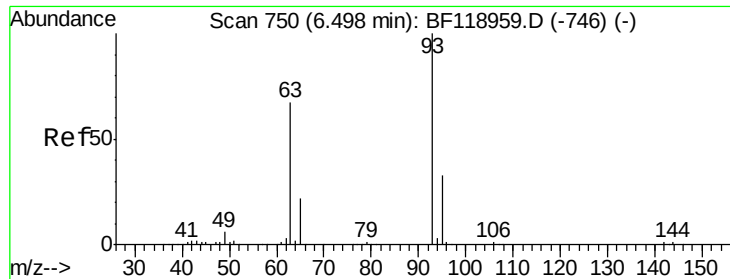
Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion:	94	Resp:	318227
Ion	Ratio	Lower	Upper
94	100		
65	29.6	19.2	59.2
66	45.7	44.4	84.4





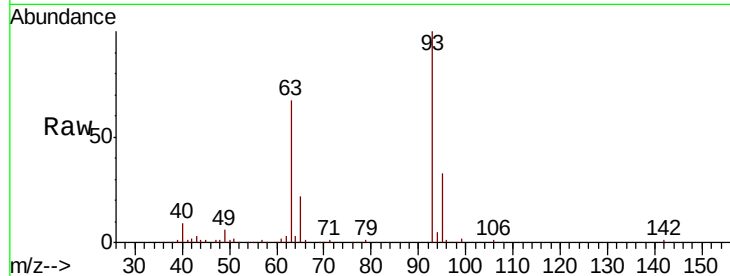
#11
bis(2-Chloroethyl)ether
Concen: 45.537 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

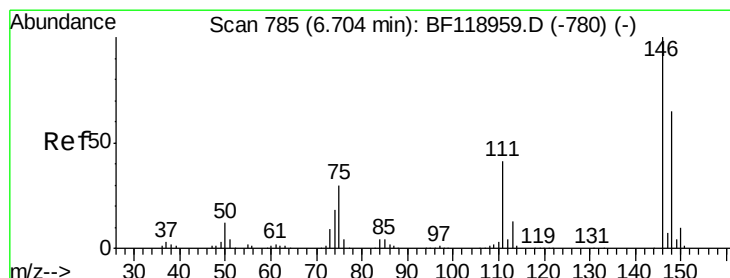
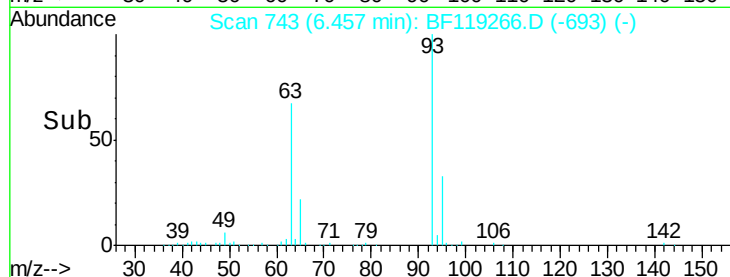
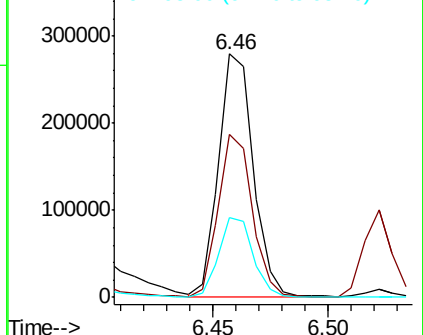
Tot Ion:	93	Resp:	290587
Ion	Ratio	Lower	Upper
93	100		
63	67.0	45.4	85.4
95	32.7	13.5	53.5

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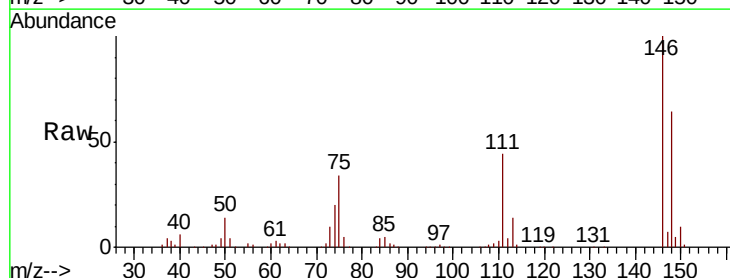


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

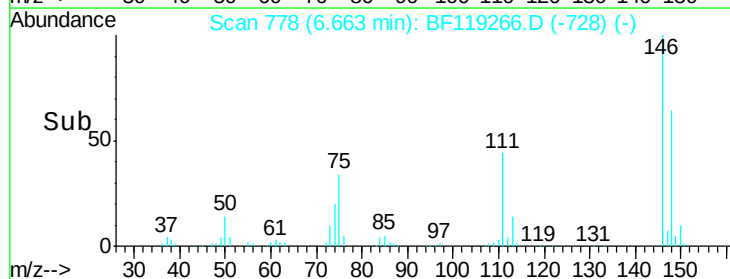
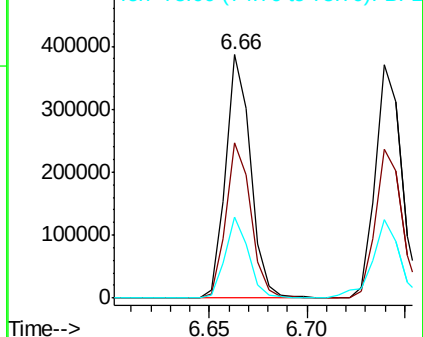


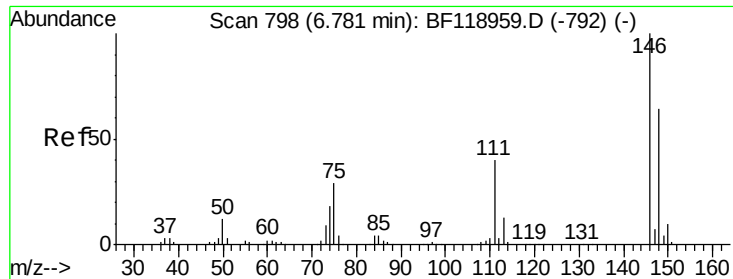
#12
1,3-Dichlorobenzene
Concen: 41.689 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:	146	Resp:	342021
Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.5	78.7
75	33.5	23.6	35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





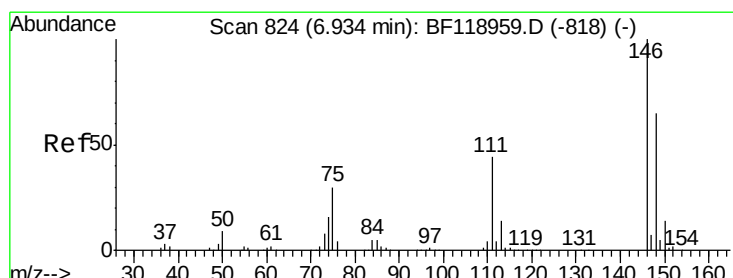
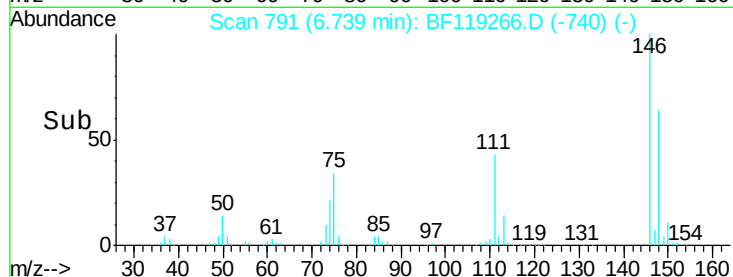
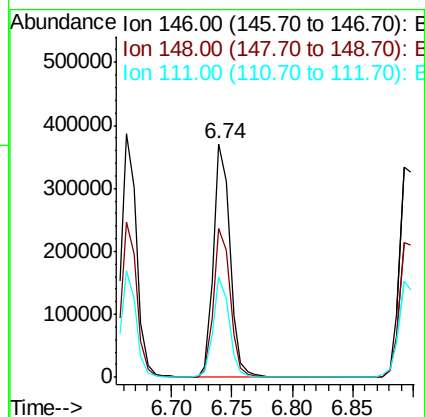
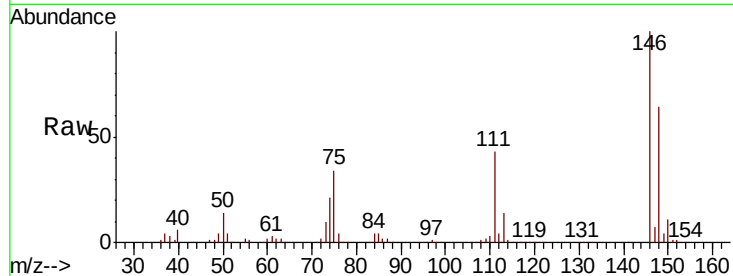
#13
1,4-Dichlorobenzene
Concen: 42.649 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	42.7	34.8	52.2

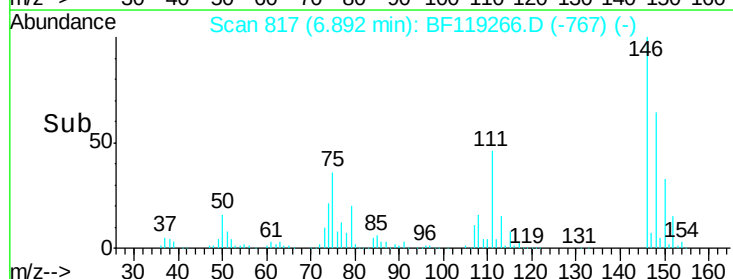
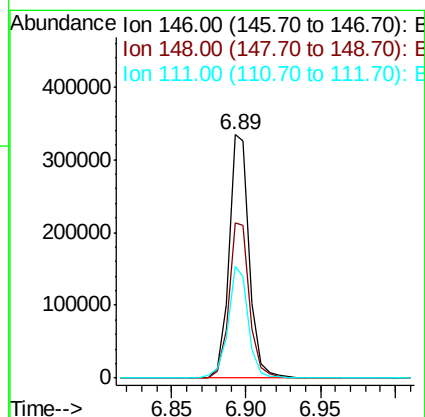
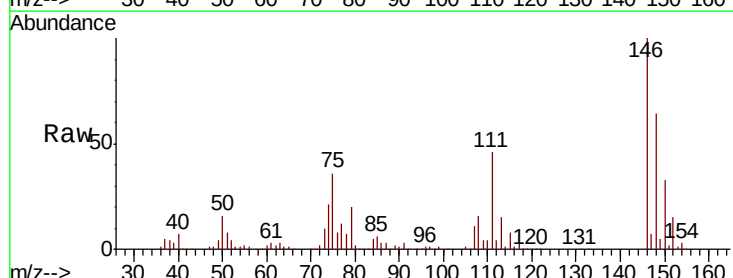
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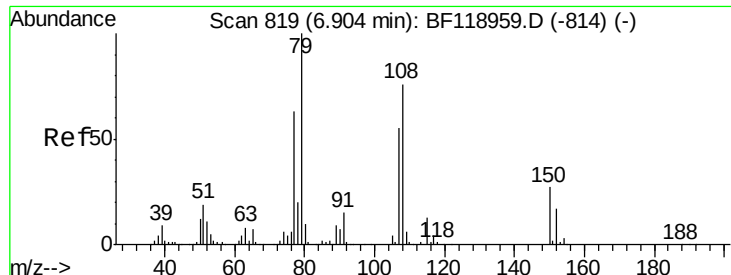
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.087 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	45.7	36.2	54.2





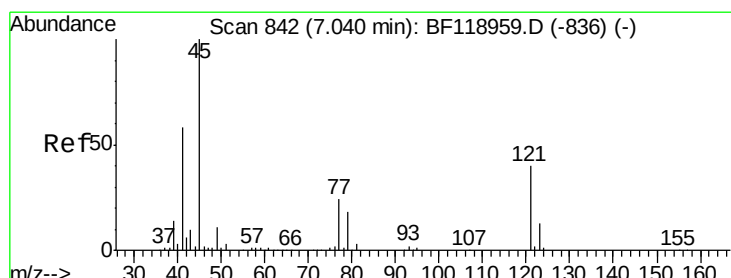
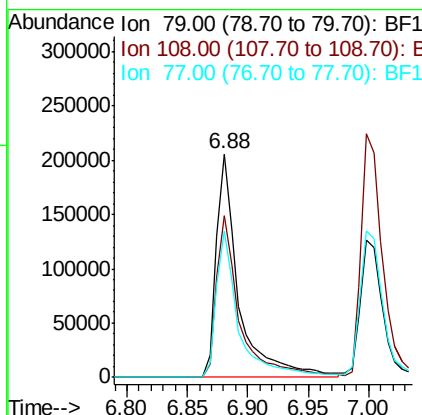
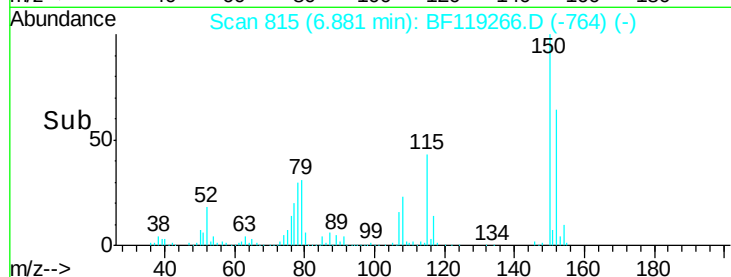
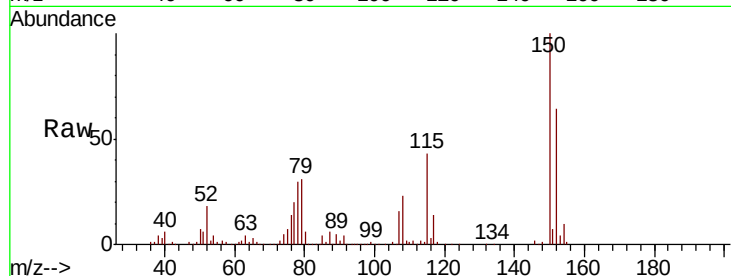
#15
Benzyl Alcohol
Concen: 47.423 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	58.2	87.2
77	65.3	51.2	76.8

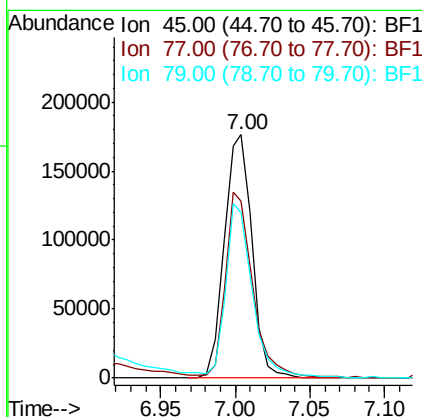
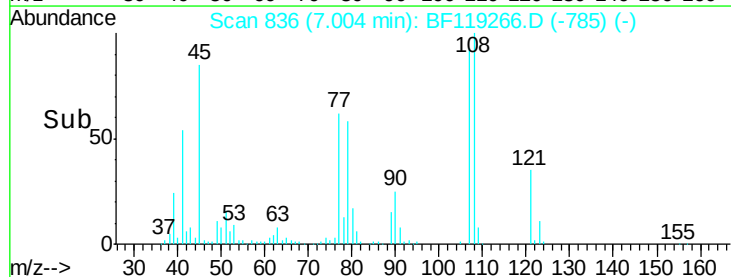
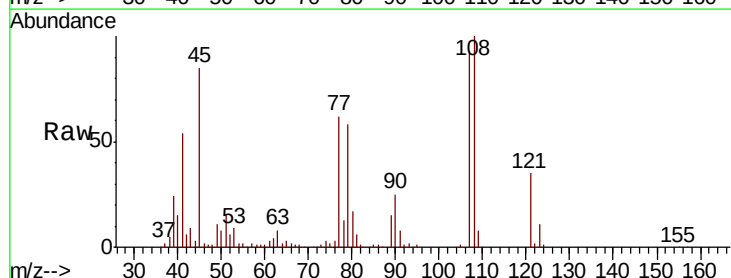
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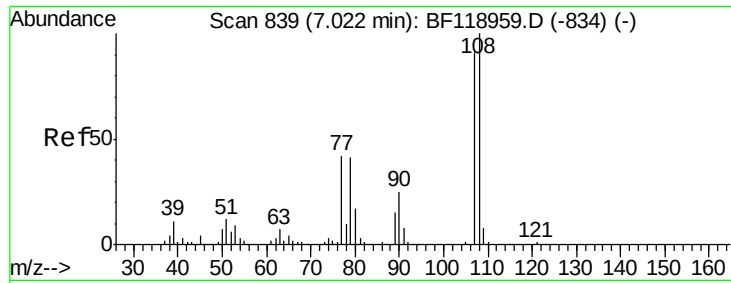
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.630 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	72.7	15.0	55.0#
79	67.8	9.4	49.4#





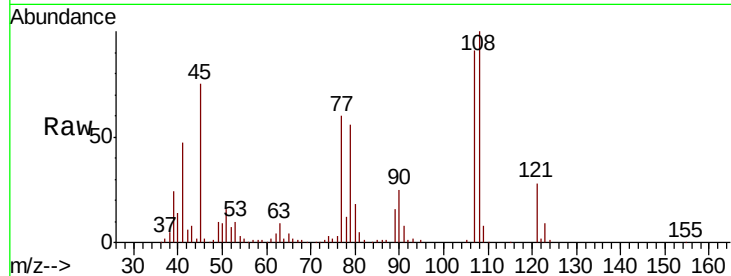
#17
2-Methylphenol
Concen: 44.773 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.9	131.9	
77	66.0	45.3	67.9	
79	61.9	43.0	64.4	

Manual Integrations
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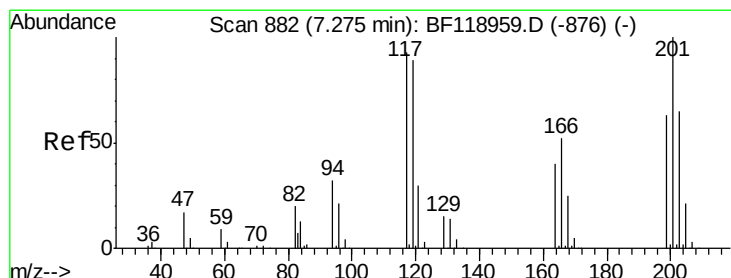
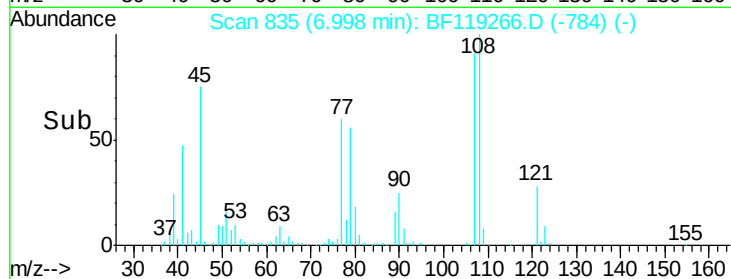
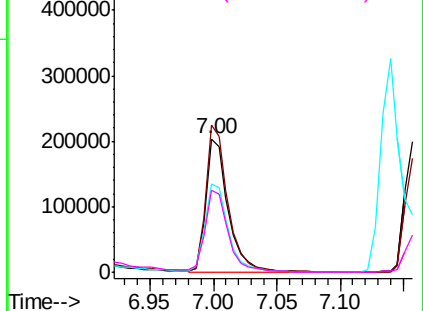
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

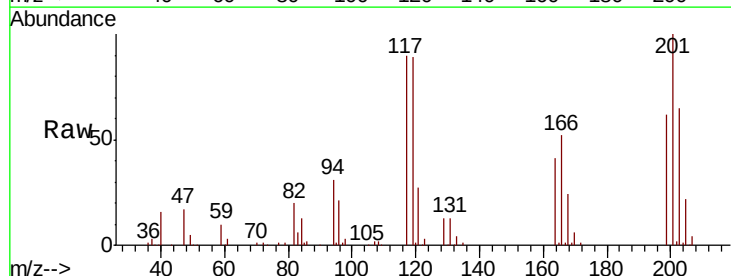
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.952 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	77.5	116.3	
201	110.9	82.6	123.8	

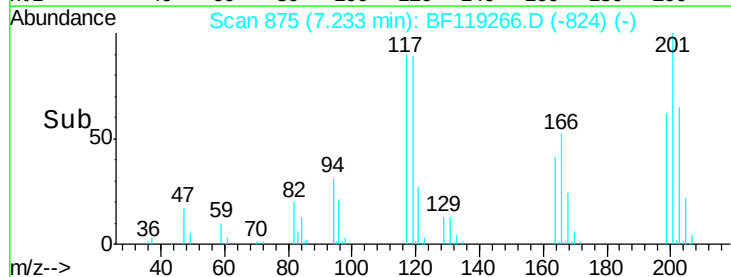
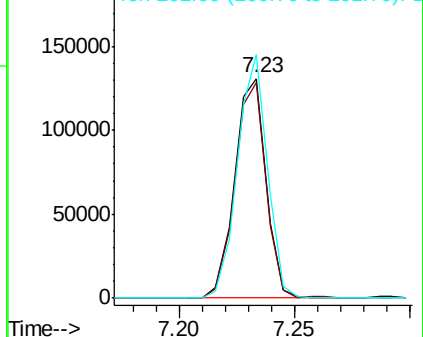


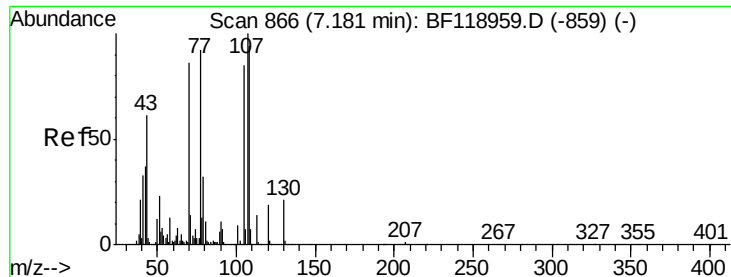
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





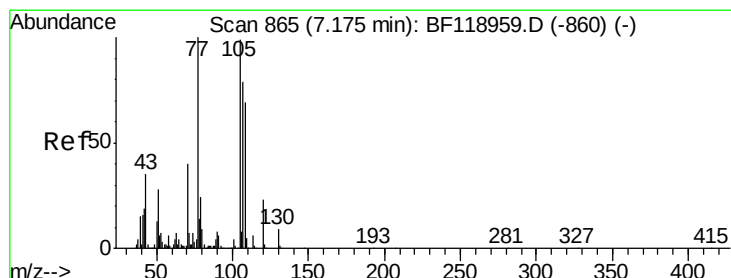
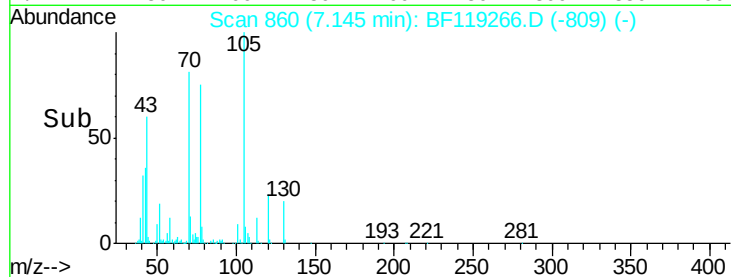
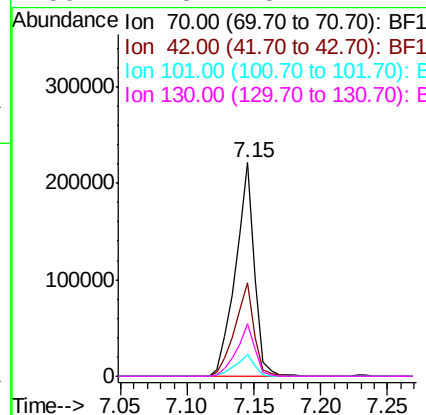
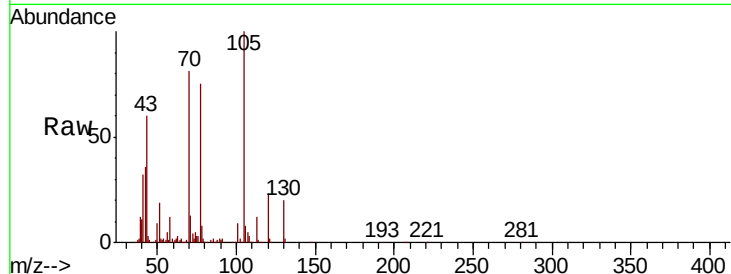
#19
n-Nitroso-di-n-propylamine
Concen: 49.198 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.8	38.0	57.0	
101	10.5	8.2	12.4	
130	24.3	18.2	27.4	

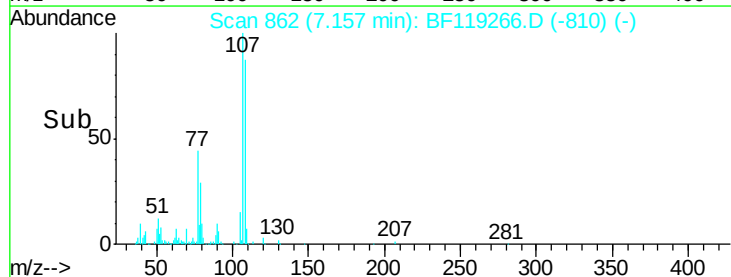
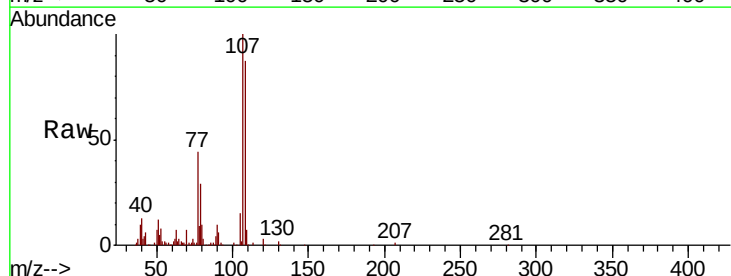
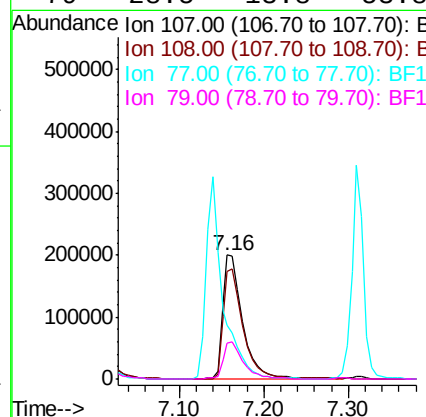
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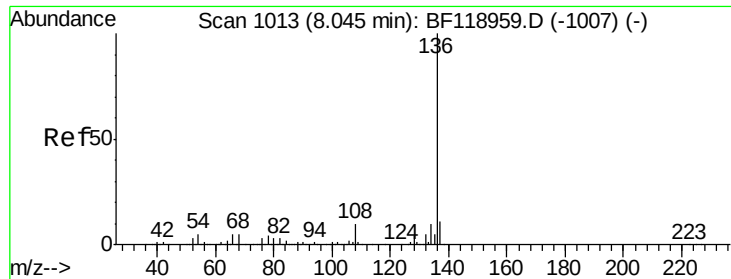
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#20
3+4-Methylphenols
Concen: 48.312 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	71.5	111.5	
77	43.8	45.9	85.9	
79	28.5	13.8	53.8	





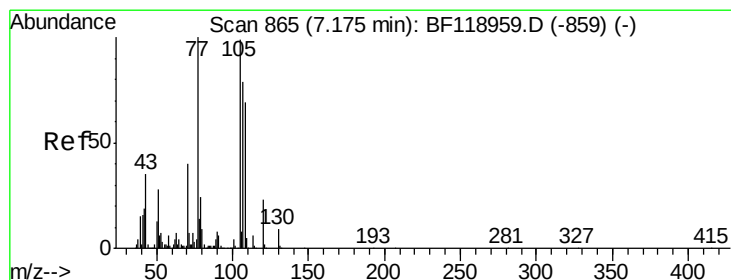
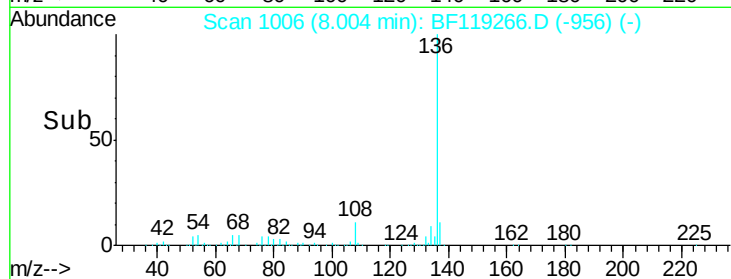
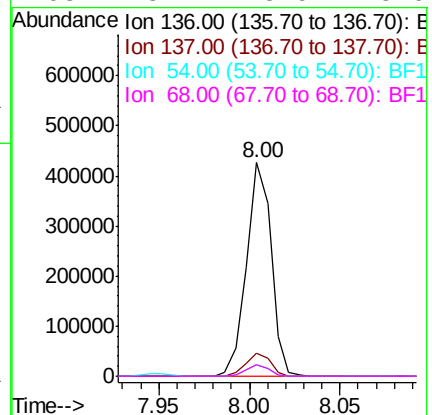
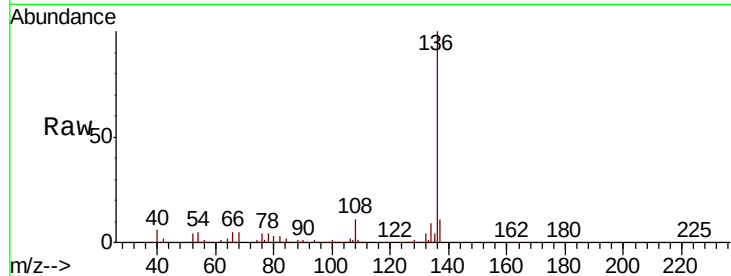
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		404387		
137	10.9		8.8	13.2	
54	5.3		3.8	5.6	
68	5.1		3.9	5.9	

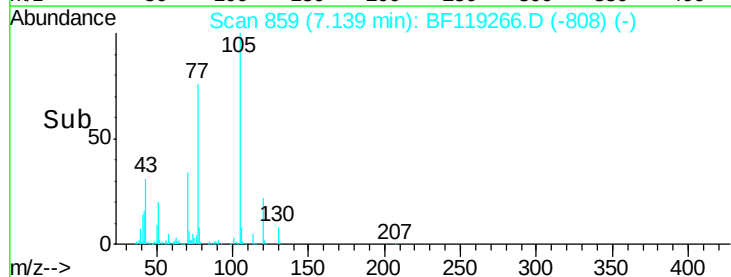
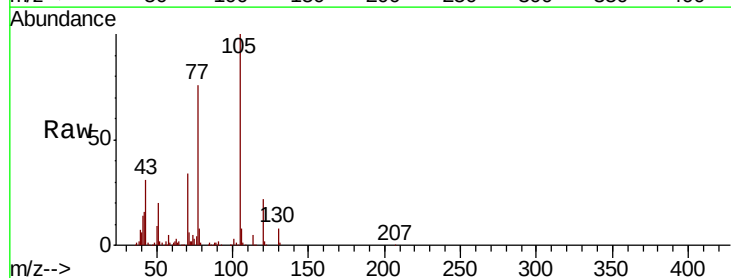
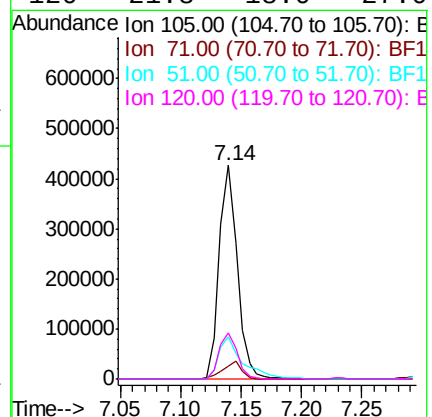
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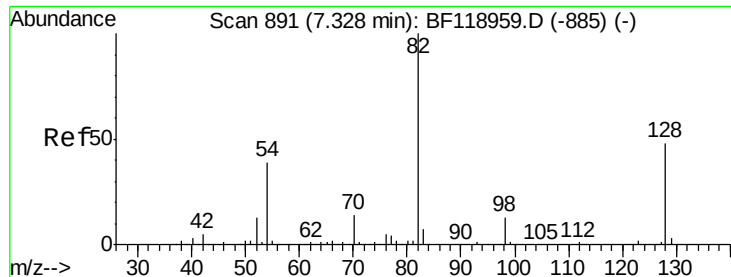
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#22
Acetophenone
Concen: 47.229 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		441899		
71	5.8		3.0	4.4#	
51	20.0		20.1	30.1#	
120	21.8		18.0	27.0	





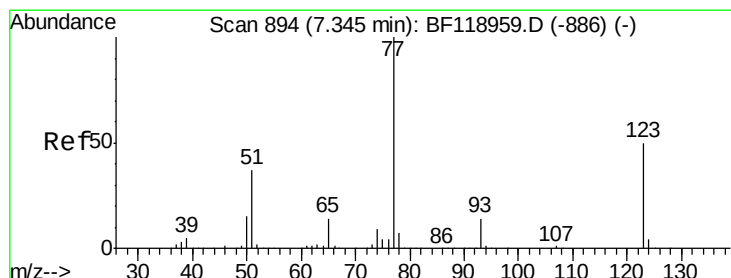
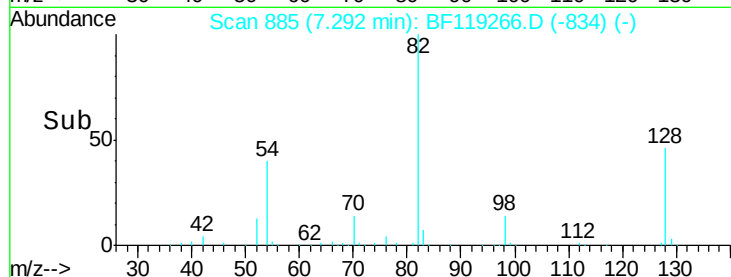
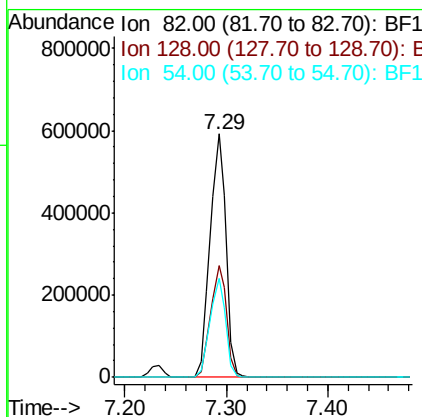
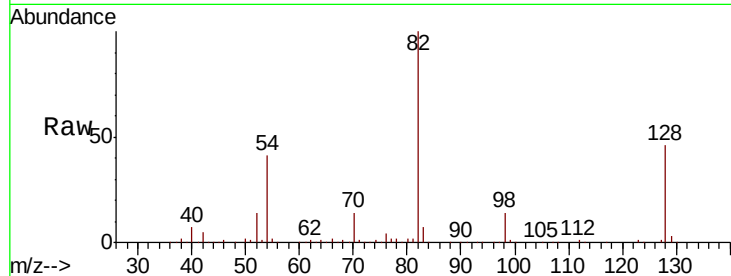
#23
 Nitrobenzene-d5
 Concen: 84.682 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion:	82	Resp:	648568
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.9	56.9
54	40.6	33.4	50.2

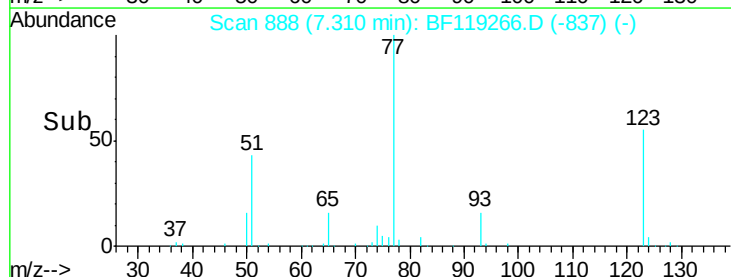
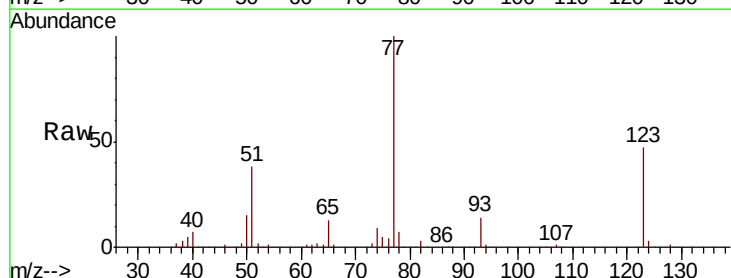
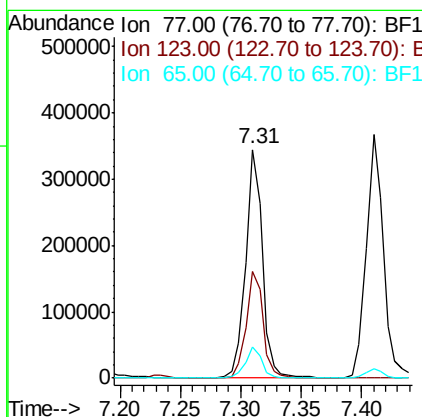
Manual Integrations
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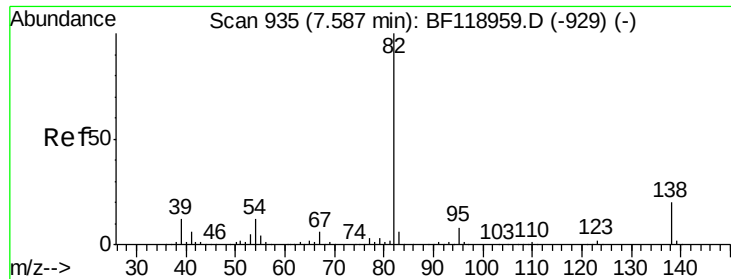
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#24
 Nitrobenzene
 Concen: 44.273 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:	77	Resp:	335317
Ion Ratio	Lower	Upper	
77	100		
123	46.9	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 44.984 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

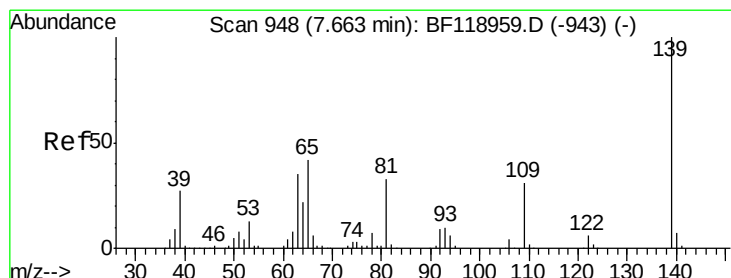
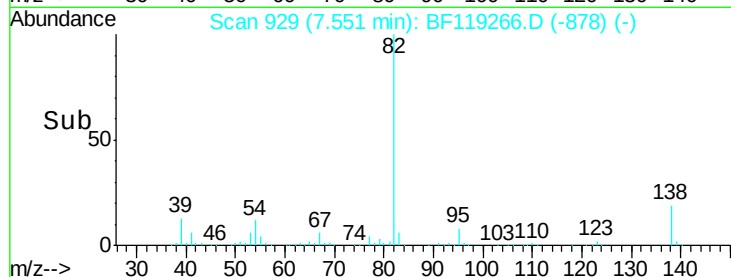
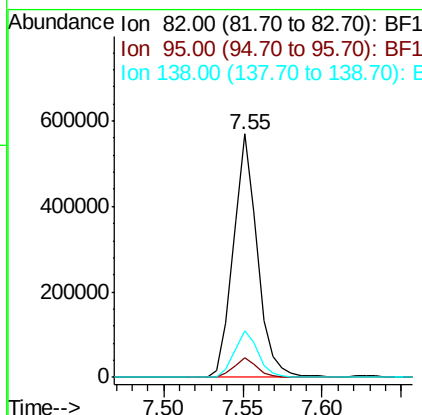
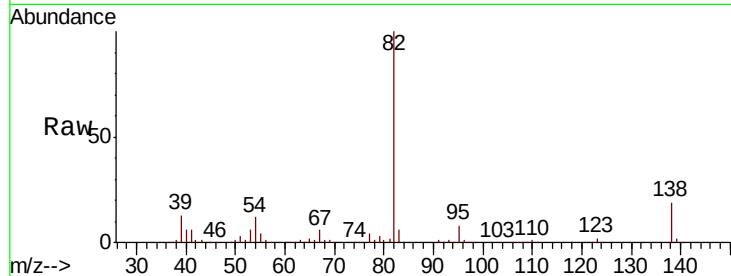
ClientSampleId :

SU-04-030420MSD

Tot Ion:	82	Resp:	598340
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.4	9.6
138	19.0	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.684 ng

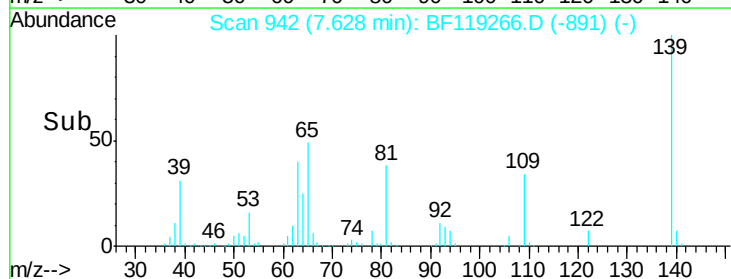
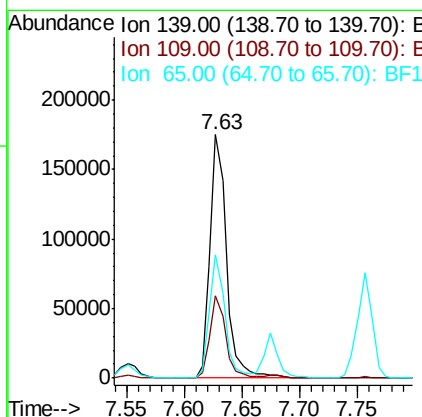
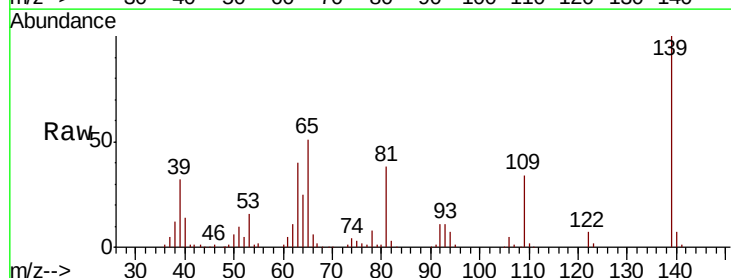
RT: 7.63 min Scan# 942

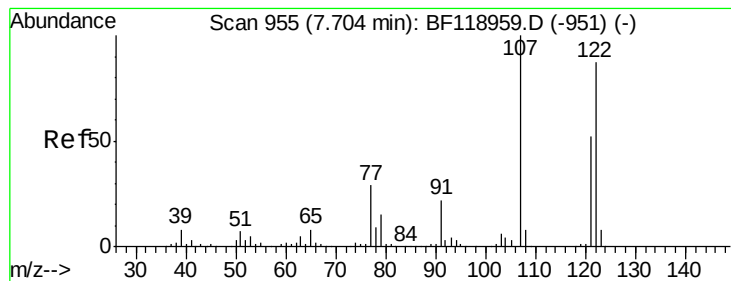
Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion:	139	Resp:	175302
Ion Ratio	Lower	Upper	
139	100		
109	33.8	25.7	38.5
65	50.7	37.1	55.7





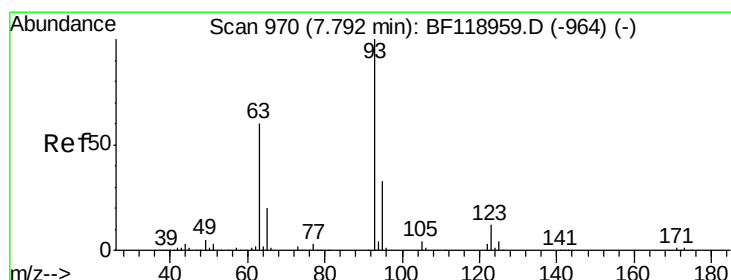
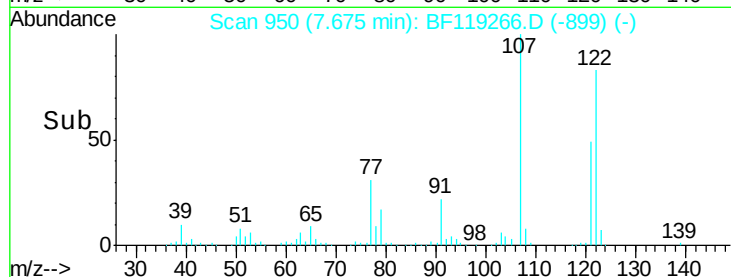
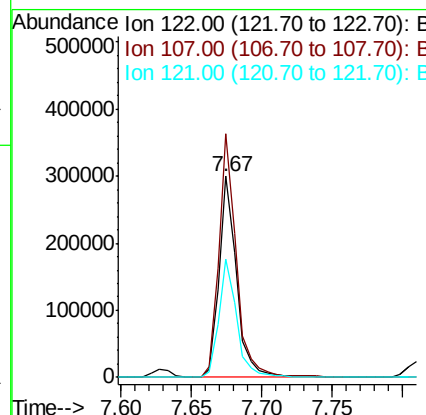
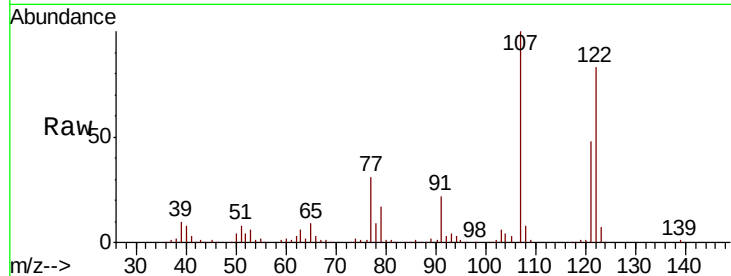
#27
2,4-Dimethylphenol
Concen: 47.968 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
261249	122	100			
	107	121.2	93.8	140.6	
	121	58.8	48.2	72.2	

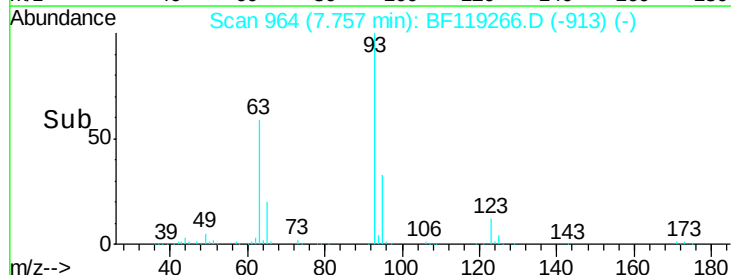
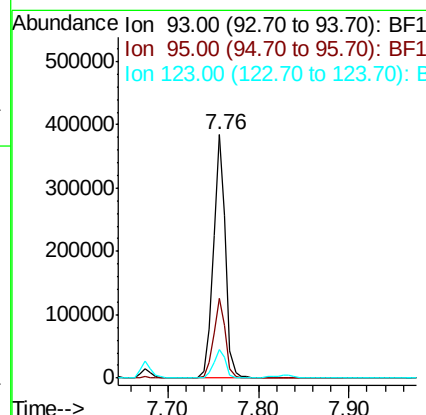
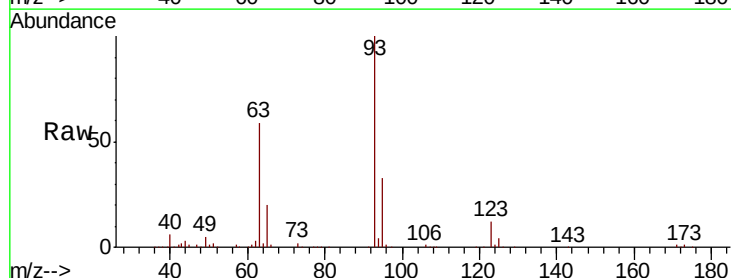
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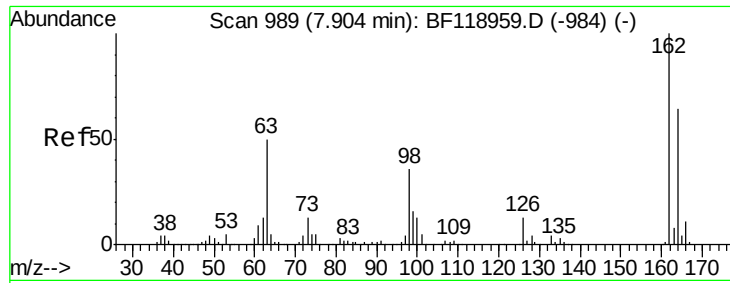
mohammad
3/9/2020 3:09:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.867 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
362470	93	100			
	95	32.6	26.5	39.7	
	123	11.6	10.2	15.2	





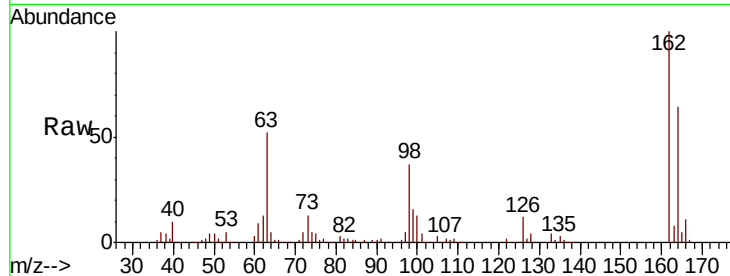
#29
2,4-Dichlorophenol
Concen: 43.681 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	280067		
164	64.2	45.2	85.2	
98	36.7	17.4	57.4	

Manual Integrations
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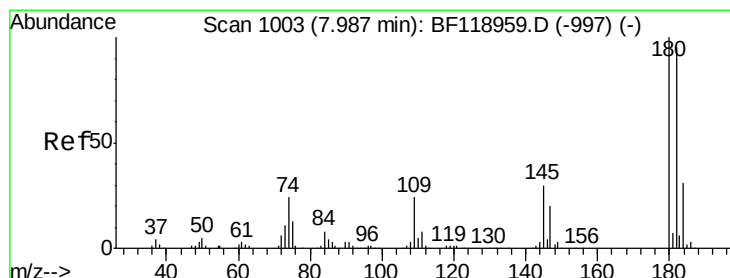
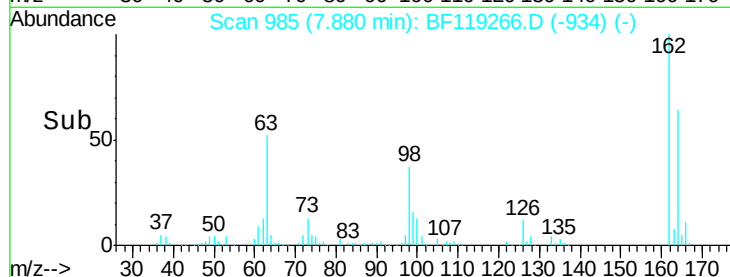
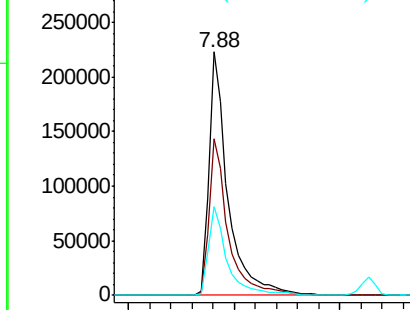


Abundance

Ion 162.00 (161.70 to 162.70): E

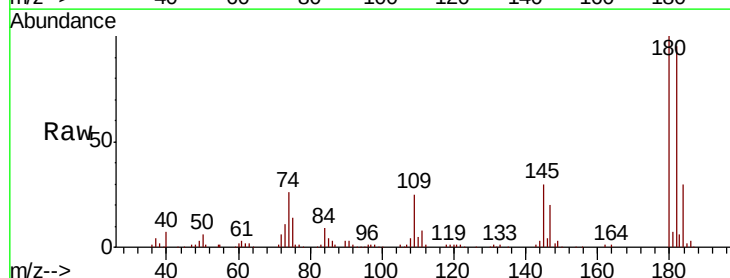
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.366 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306855		
182	94.7	77.8	116.6	
145	30.5	25.2	37.8	

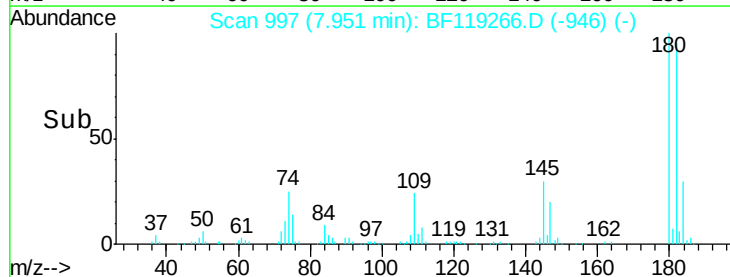
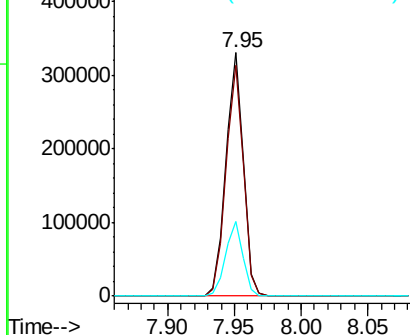


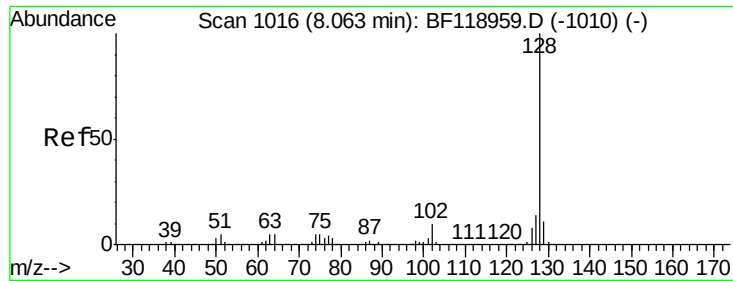
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





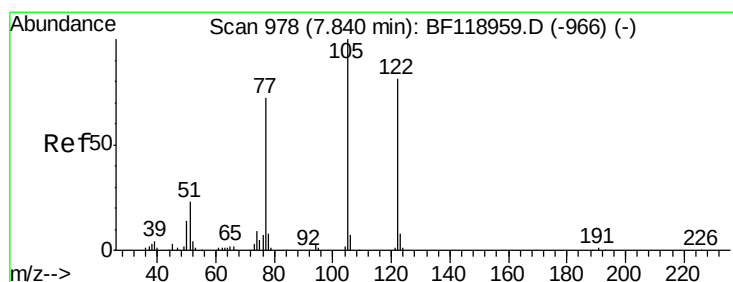
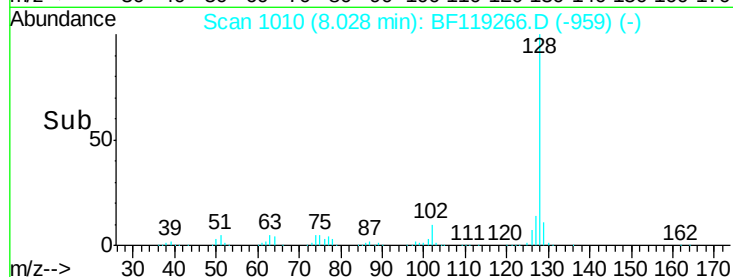
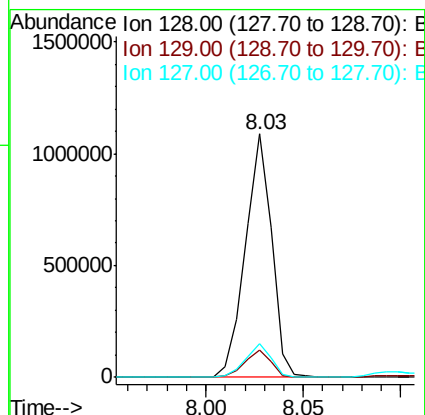
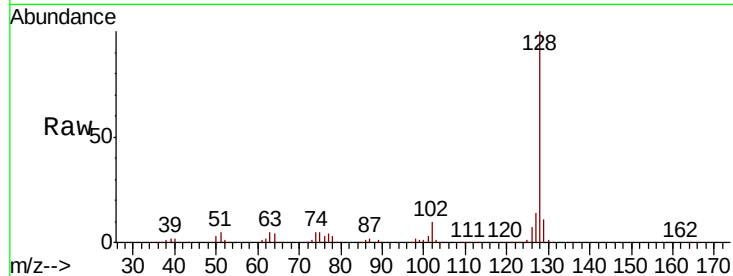
#31
Naphthalene
Concen: 48.710 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.6	11.4	17.2

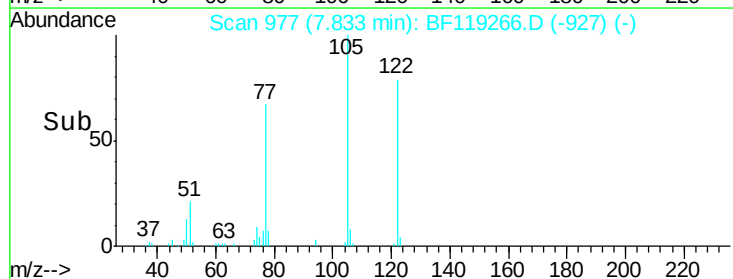
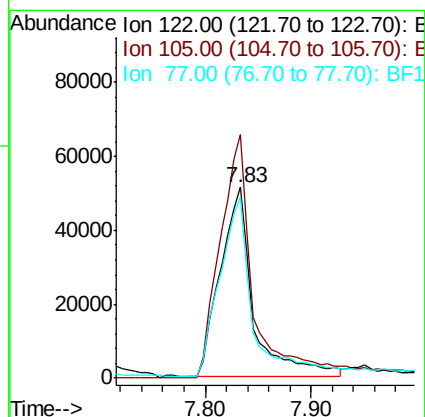
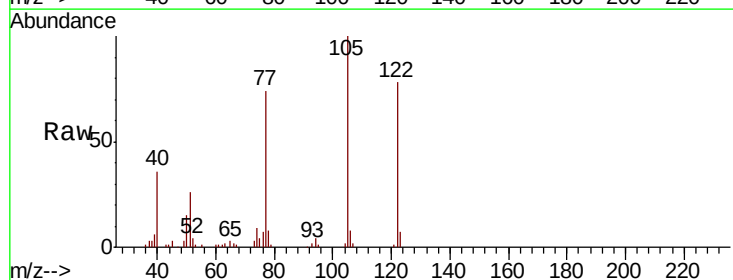
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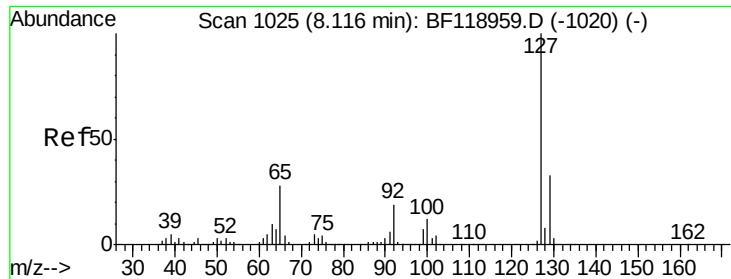
mohammad
3/9/2020 3:09:32 PM



#32
Benzoic acid
Concen: 30.827 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	106.3	146.3
77	94.6	73.1	113.1





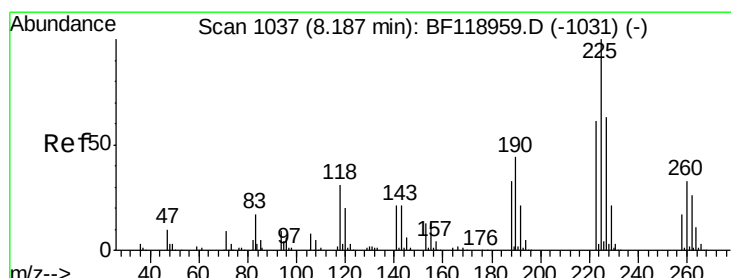
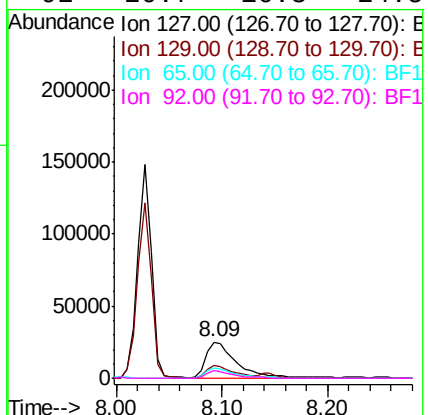
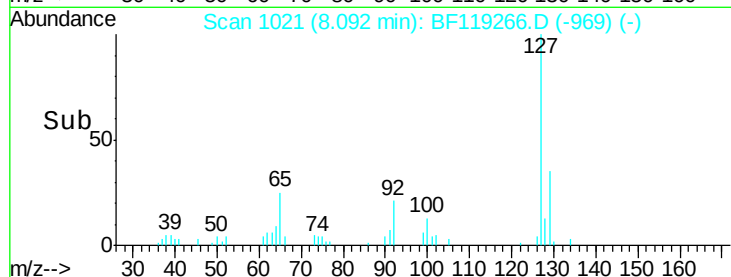
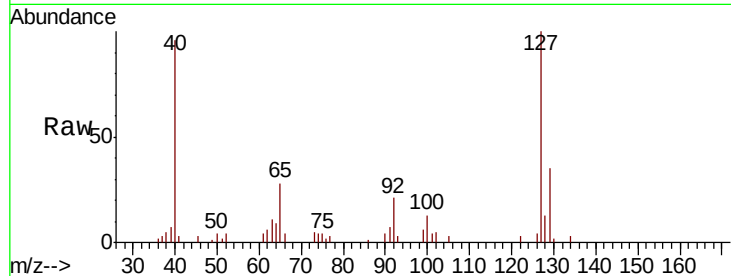
#33
4-Chloroaniline
Concen: 5.454 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		49200		
129	35.1	25.9	38.9		
65	27.7	23.9	35.9		
92	20.7	16.3	24.5		

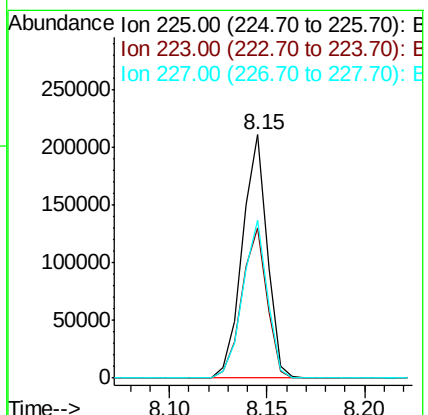
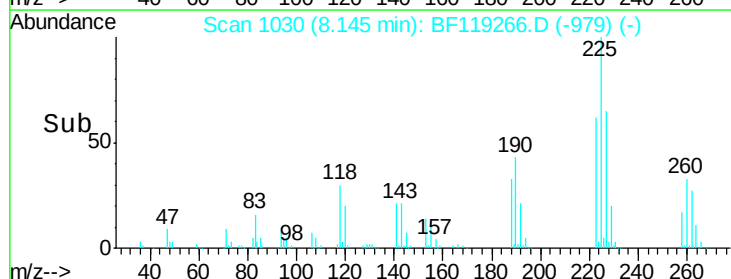
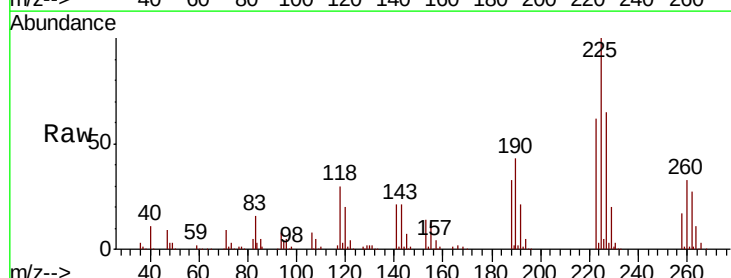
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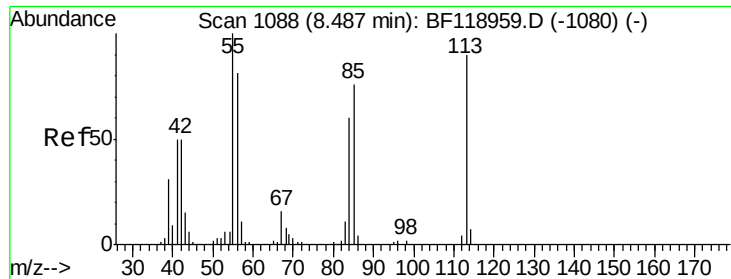
mohammad
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#34
Hexachlorobutadiene
Concen: 39.250 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		185856		
223	61.6	49.4	74.2		
227	64.7	52.9	79.3		





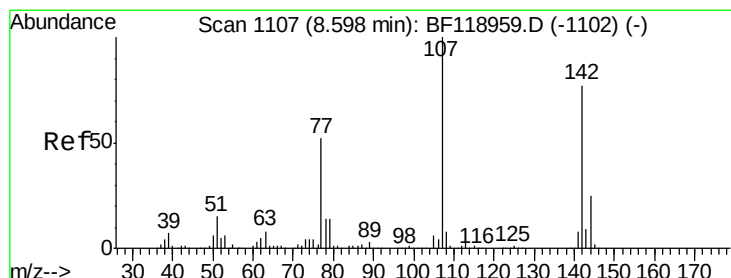
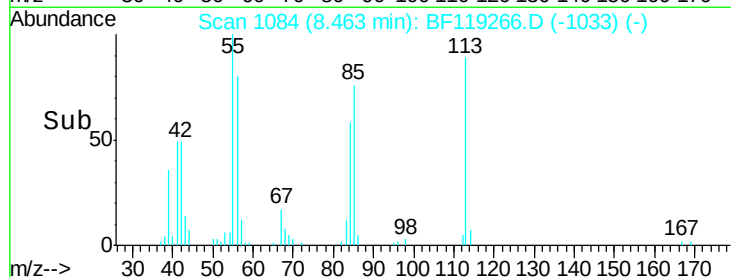
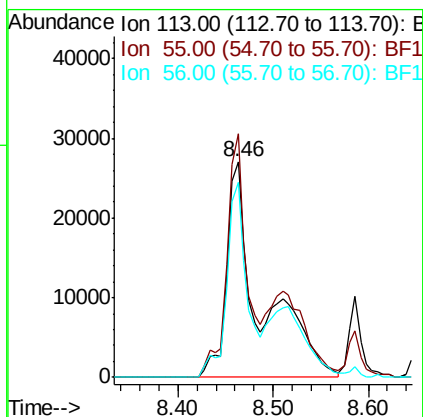
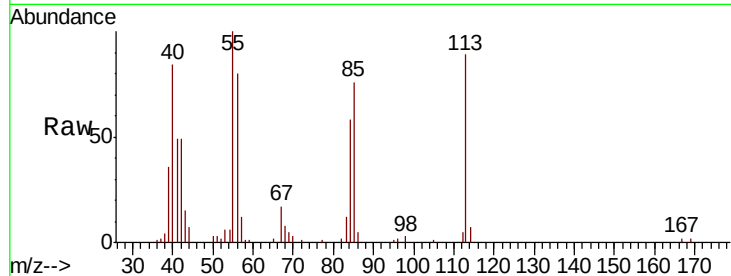
#35
 Caprolactam
 Concen: 33.878 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.8	95.7	135.7
56	90.3	73.1	113.1

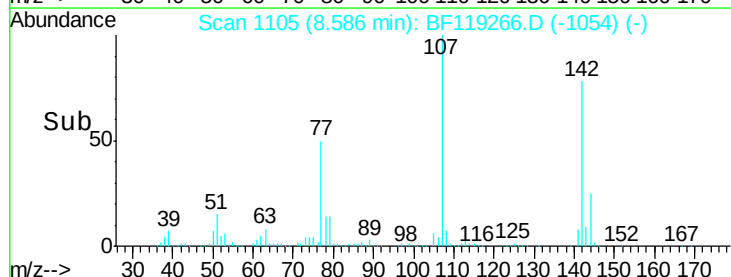
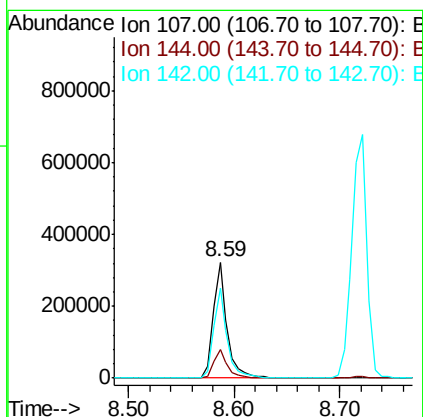
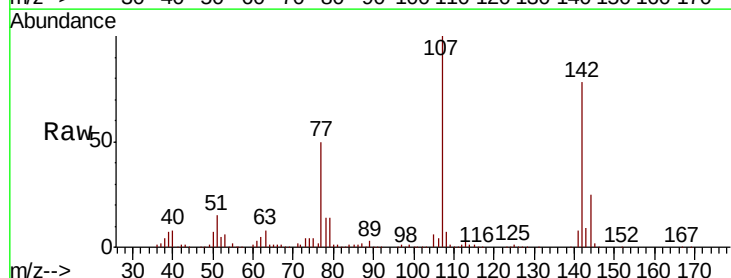
Manual Integrations
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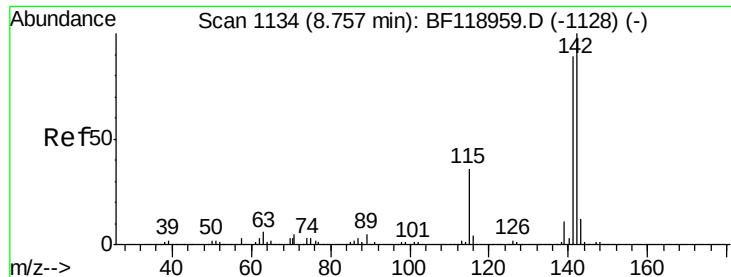
mohammad
 3/9/2020 3:09:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.941 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.1	30.1
142	78.2	61.4	92.2





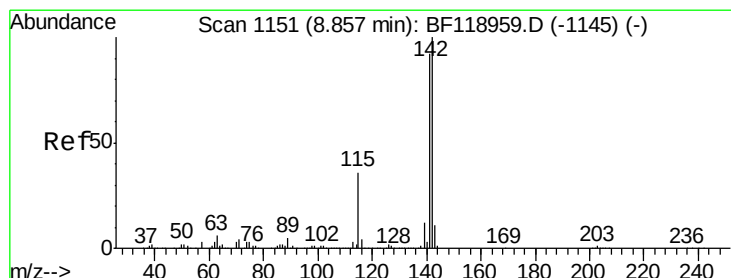
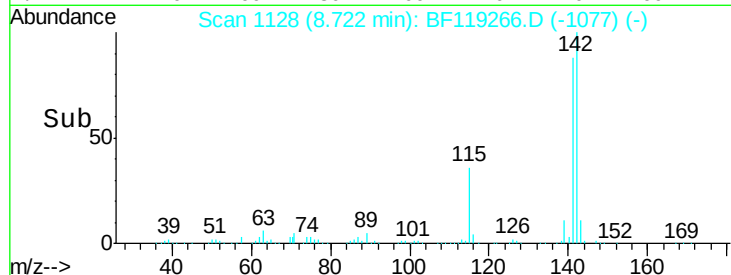
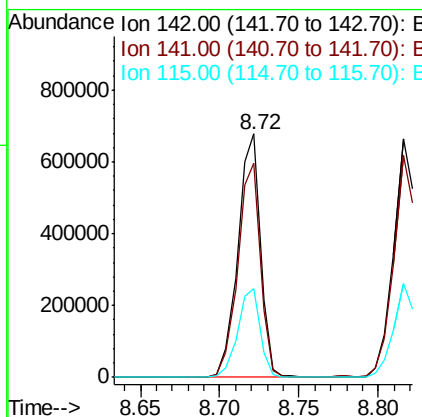
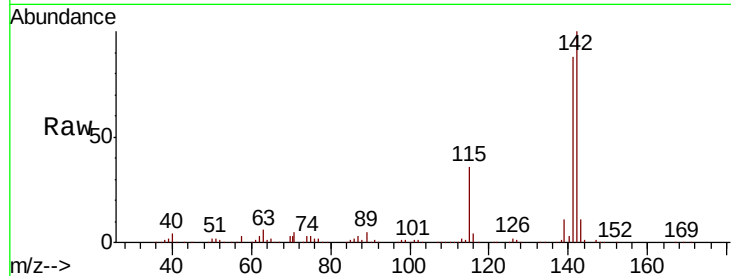
#37
2-Methylnaphthalene
Concen: 47.151 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.3	108.5
115	36.2	30.6	45.8

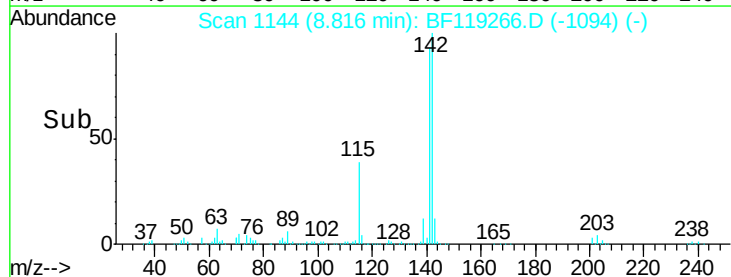
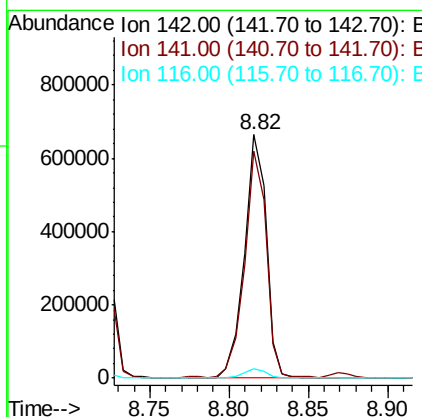
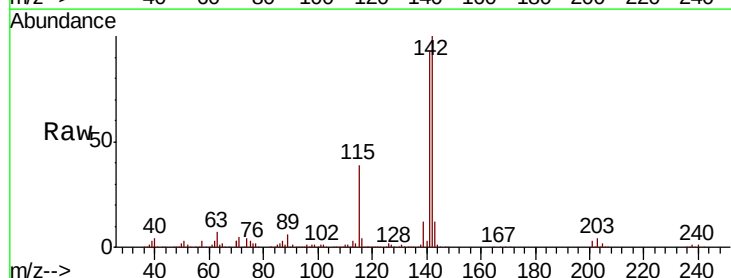
Manual Integrations
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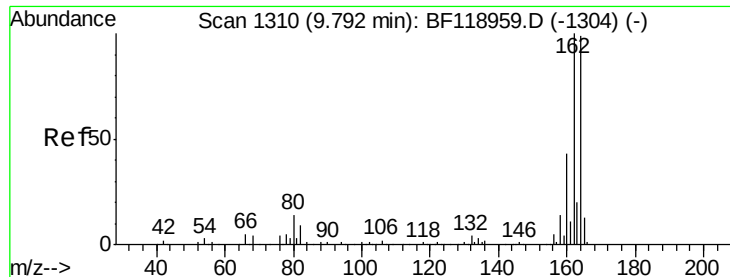
mohammad
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#38
1-Methylnaphthalene
Concen: 47.419 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.8	113.6
116	4.1	3.1	4.7





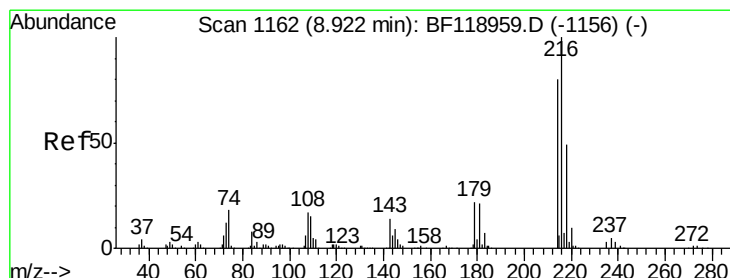
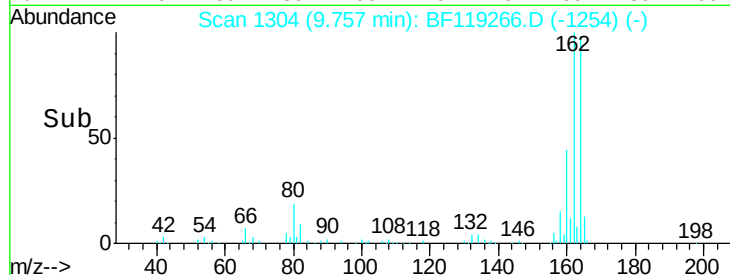
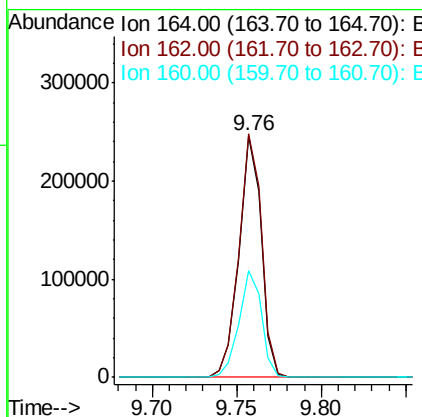
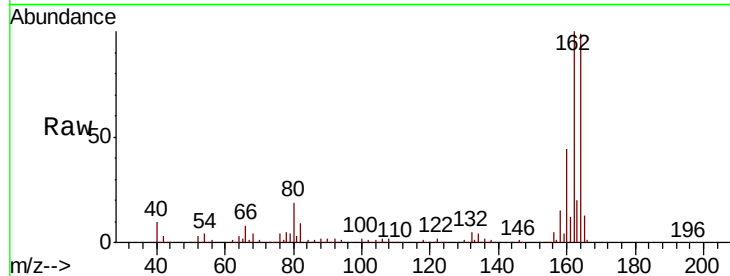
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.8
160	44.1	36.0	54.0

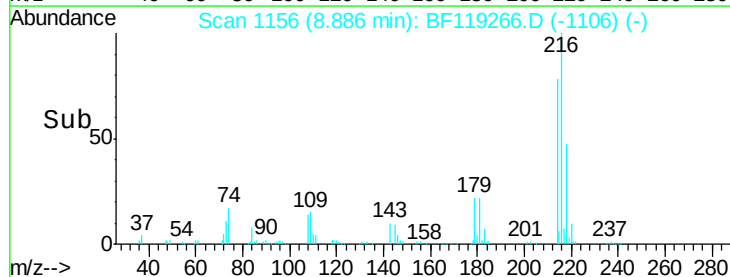
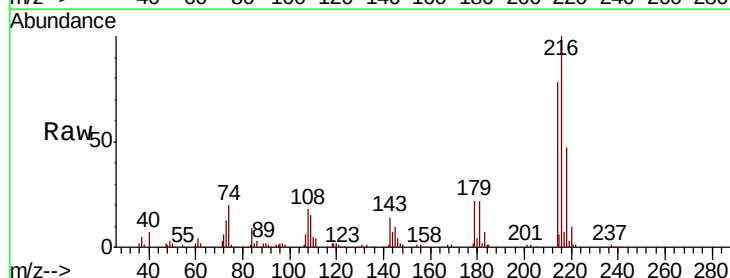
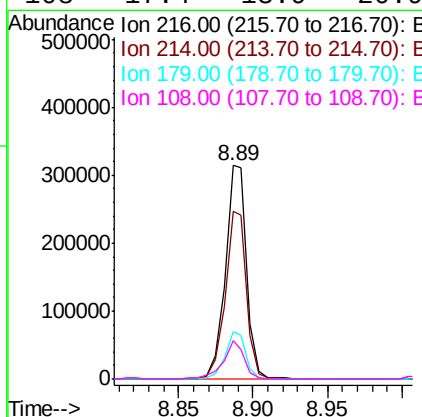
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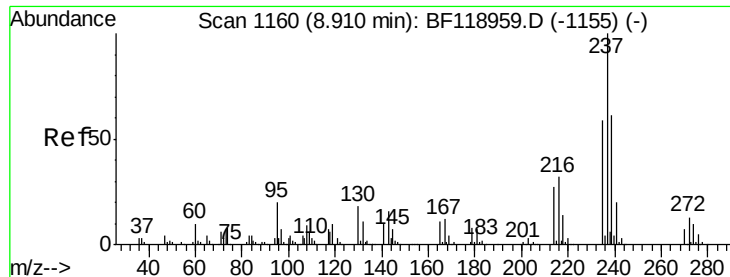
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.545 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	21.5	17.7	26.5
108	17.4	13.9	20.9





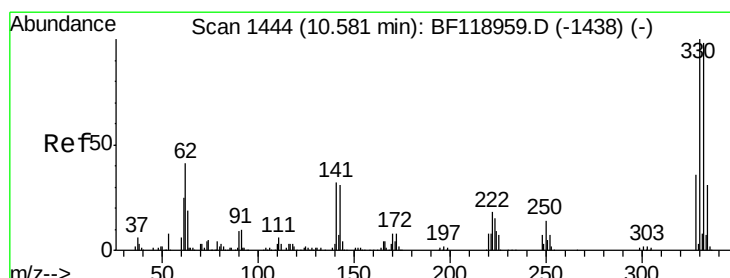
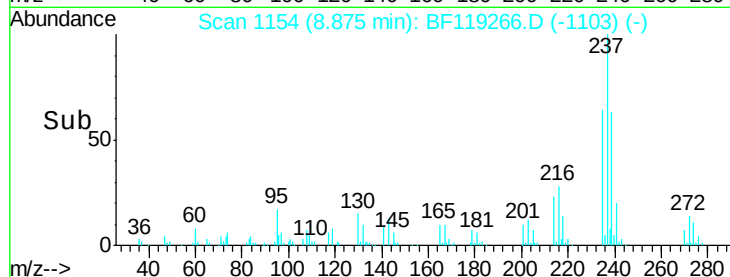
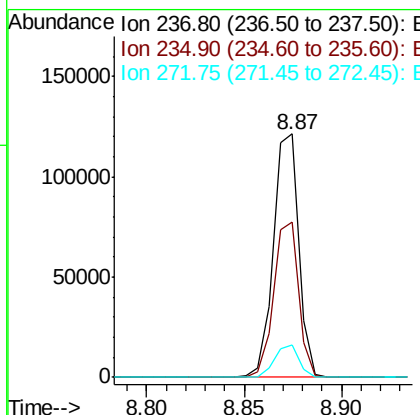
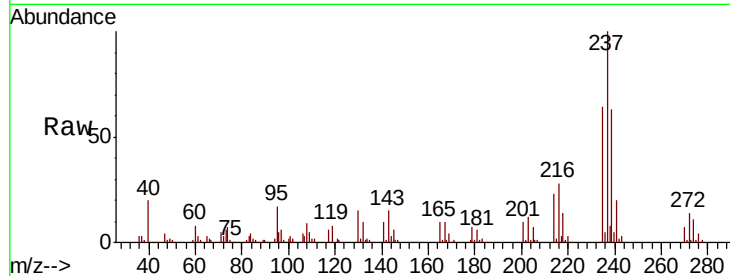
#41
Hexachlorocyclopentadiene
Concen: 44.117 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	109374		
235	64.0	42.3	82.3	
272	13.5	0.0	33.5	

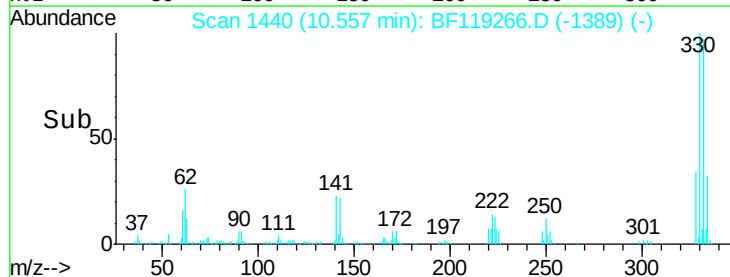
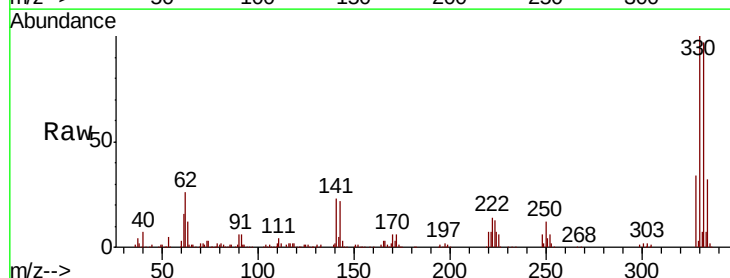
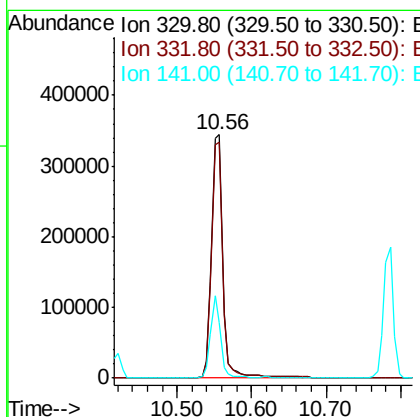
Manual Integrations
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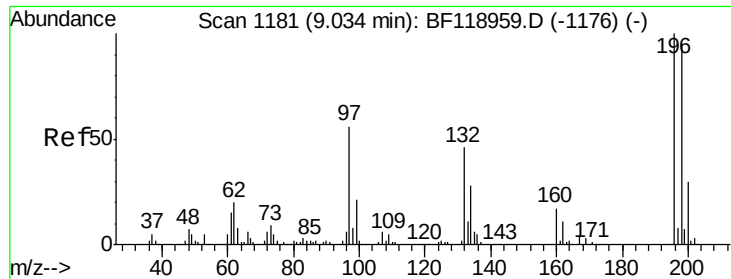
mohammad
3/9/2020 3:09:32 PM



#42
2,4,6-Tribromophenol
Concen: 123.231 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	365170		
332	96.6	76.0	114.0	
141	29.6	22.9	34.3	





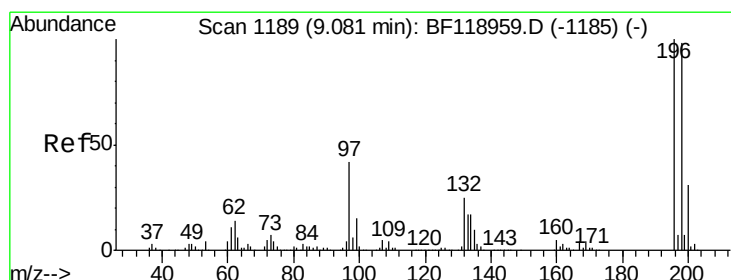
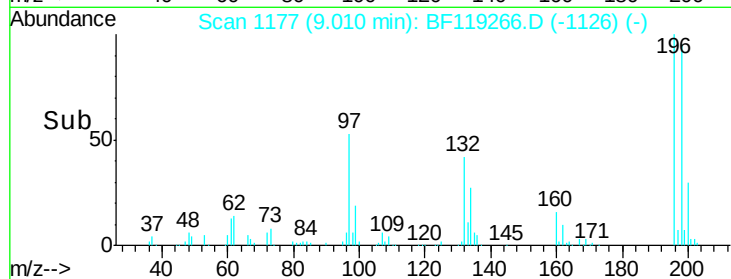
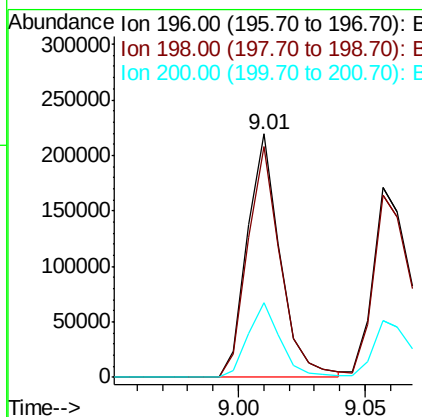
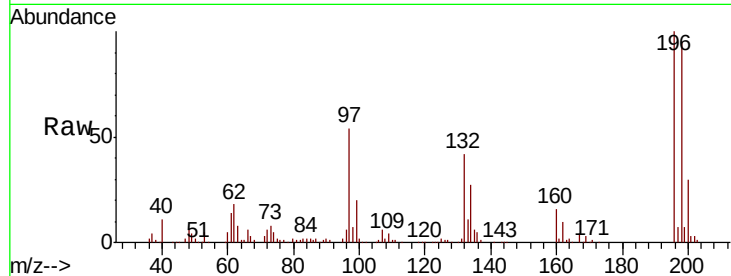
#43
 2,4,6-Trichlorophenol
 Concen: 41.023 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197854		
198	95.0	77.1	115.7	
200	30.5	25.0	37.6	

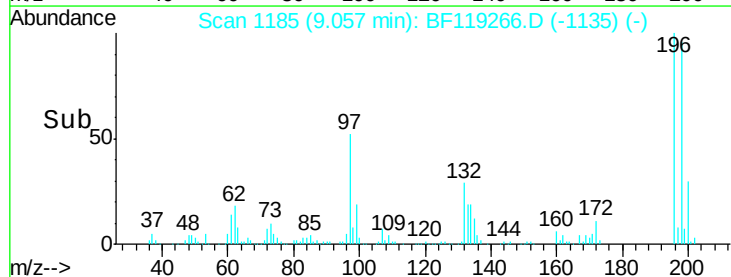
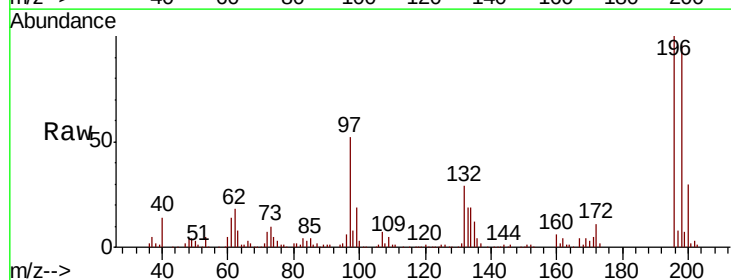
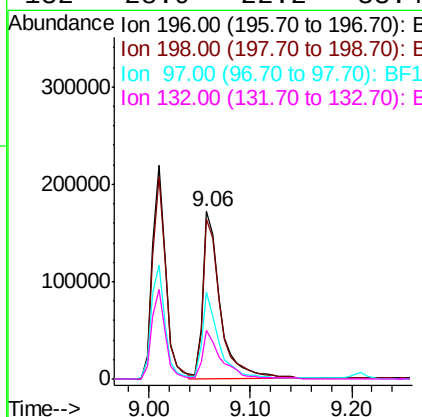
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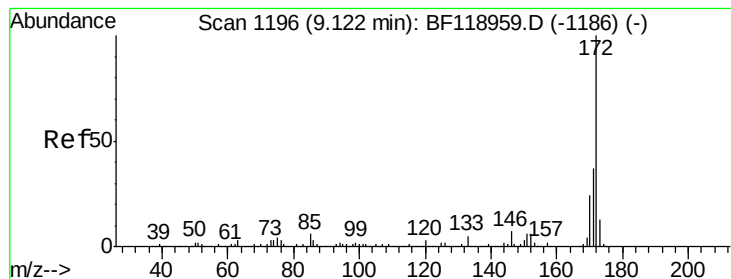
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.822 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	206602		
198	95.9	76.8	115.2	
97	51.8	38.5	57.7	
132	28.9	22.2	33.4	





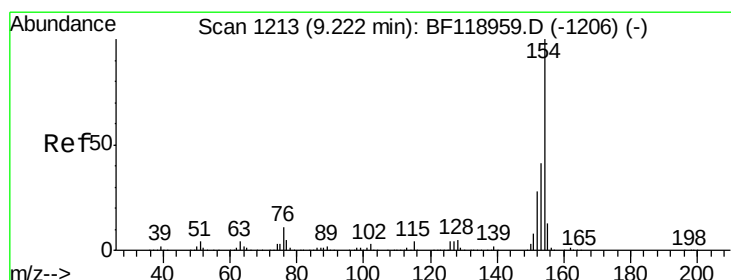
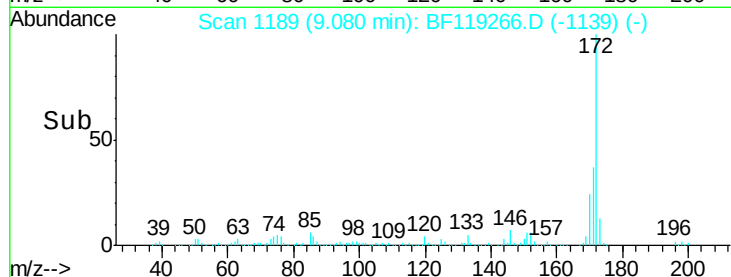
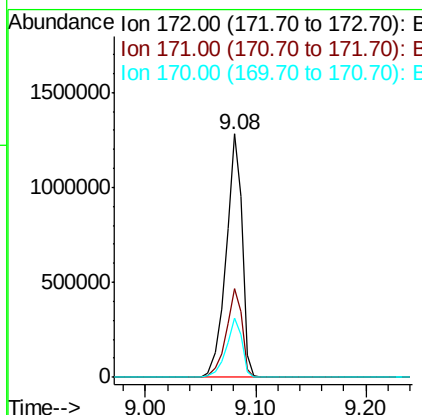
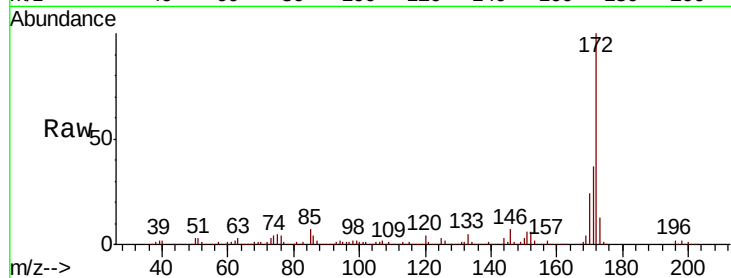
#45
2-Fluorobiphenyl
Concen: 84.073 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.1	20.2	30.2

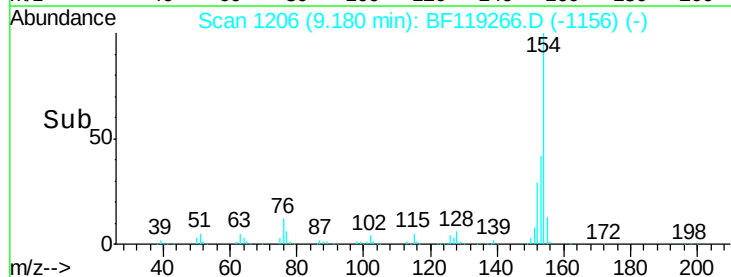
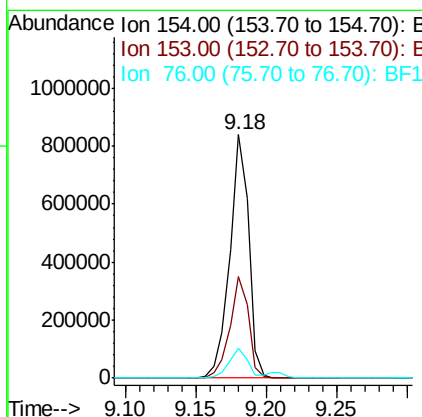
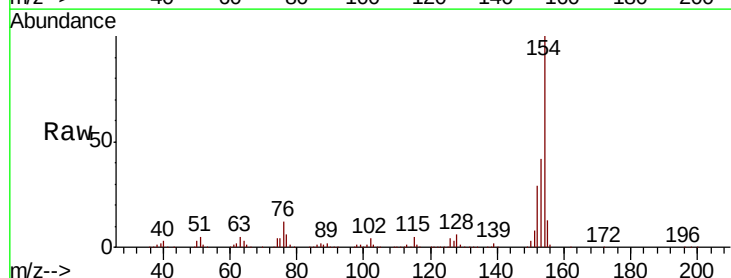
Manual Integrations
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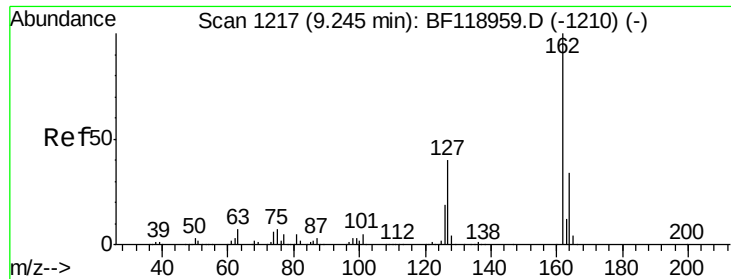
mohammad
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#46
1,1'-Biphenyl
Concen: 42.727 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.0	0.0	32.2





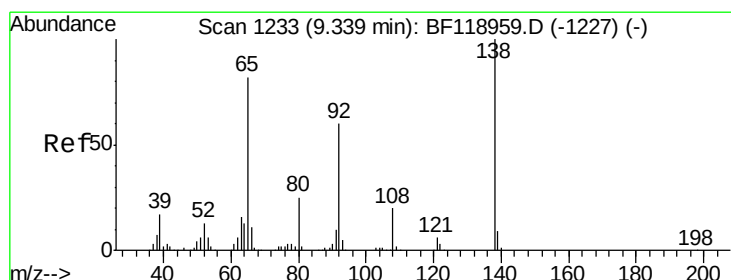
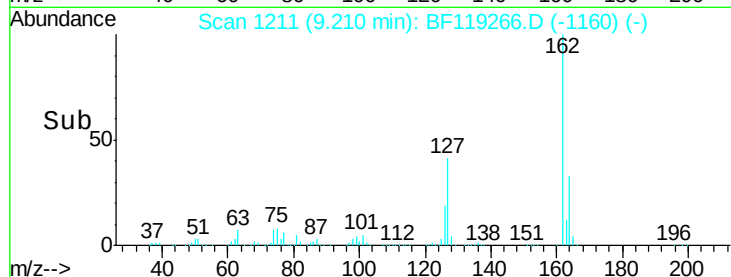
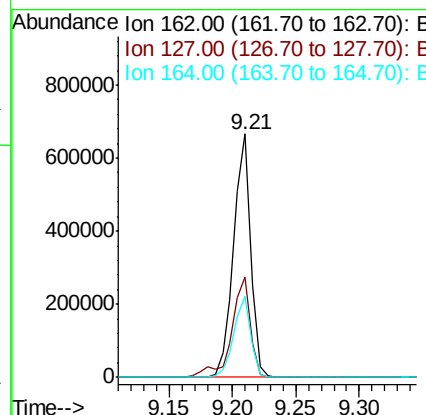
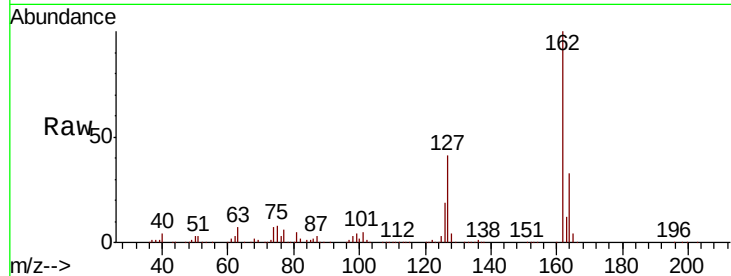
#47
 2-Chloronaphthalene
 Concen: 42.002 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	35.0	52.4
164	33.1	27.2	40.8

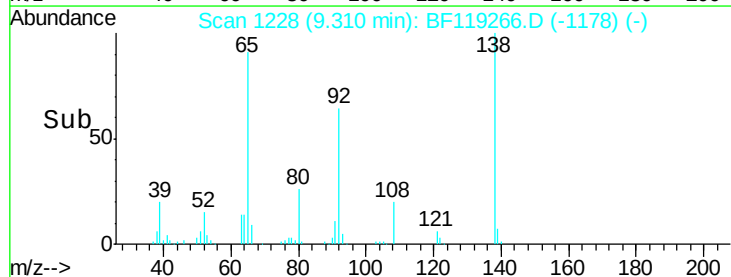
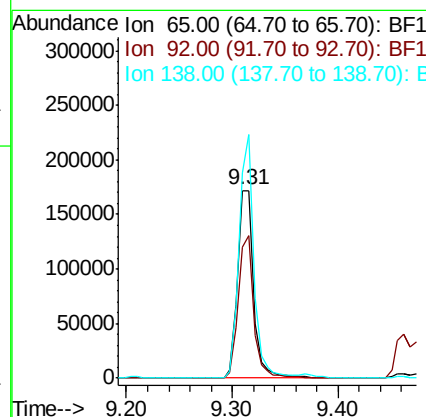
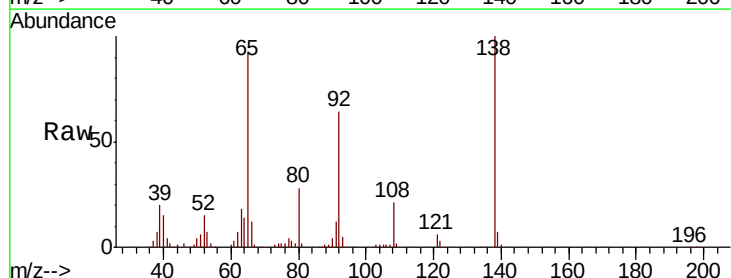
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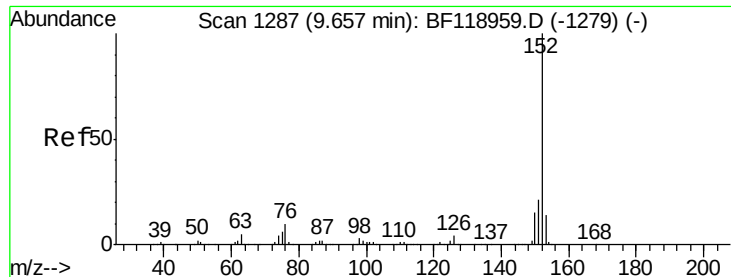
mohammad
 3/9/2020 3:09:32 PM



#48
 2-Nitroaniline
 Concen: 43.732 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	58.2	87.2
138	109.3	95.6	143.4





#49

Acenaphthylene

Concen: 44.405 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

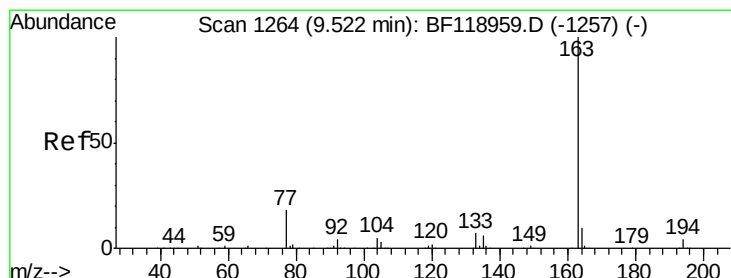
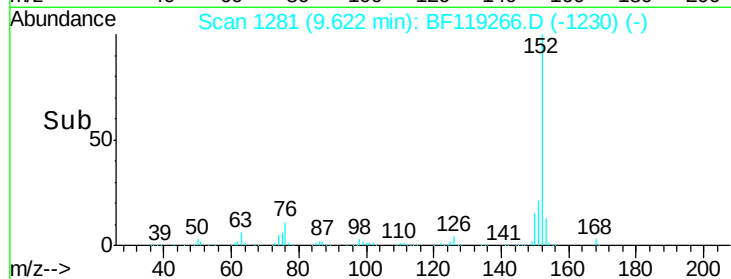
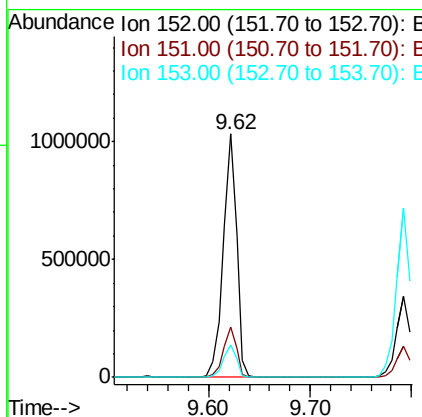
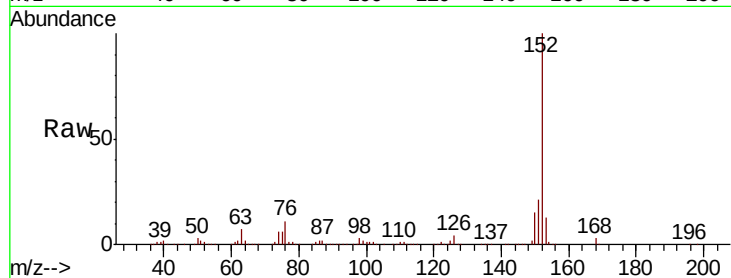
ClientSampleId :

SU-04-030420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		946182		
151	20.9		16.9	25.3	
153	13.5		11.0	16.6	

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.650 ng

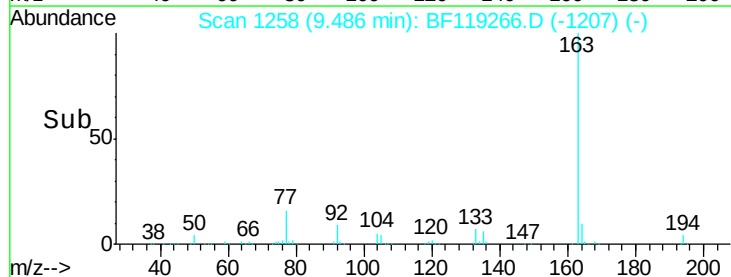
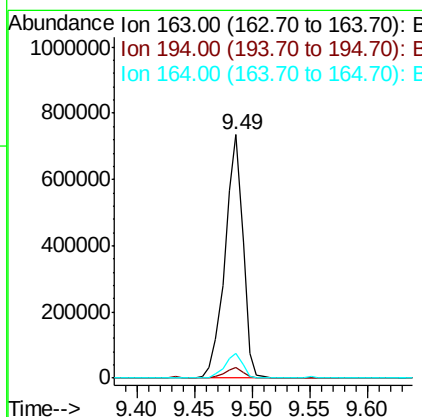
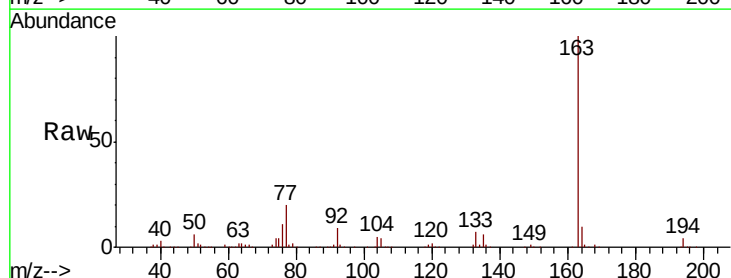
RT: 9.49 min Scan# 1258

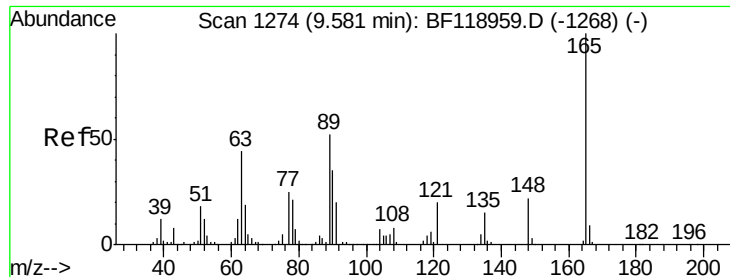
Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		790739		
194	4.2		3.5	5.3	
164	10.2		8.4	12.6	





#51

2,6-Dinitrotoluene

Concen: 44.220 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

SU-04-030420MSD

Tot Ion:165 Resp: 170175

Ion Ratio Lower Upper

165 100

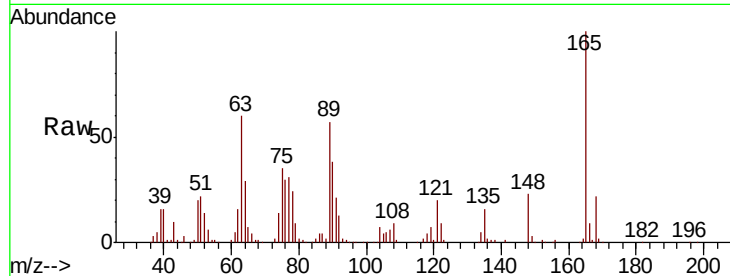
63 59.6 34.3 51.5#

89 56.7 38.3 57.5

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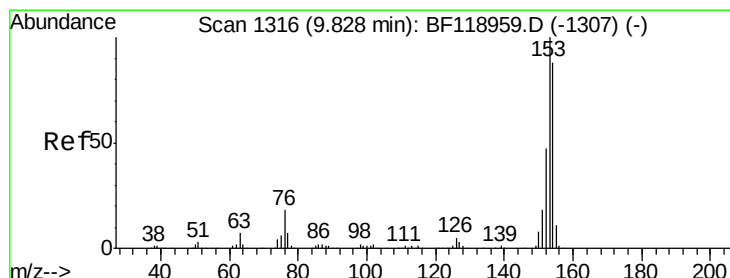
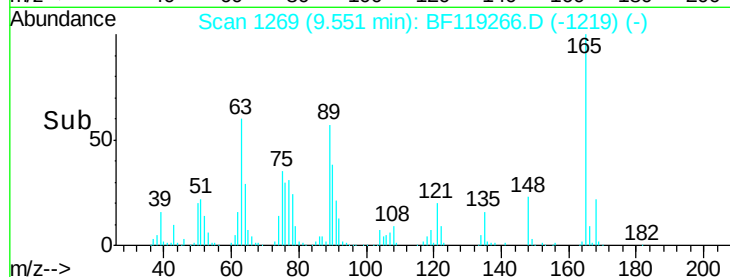
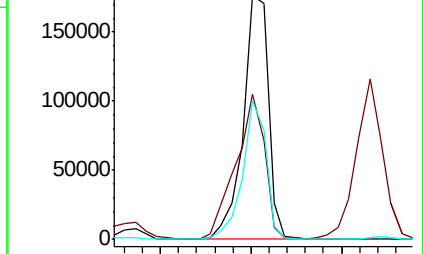
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.767 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

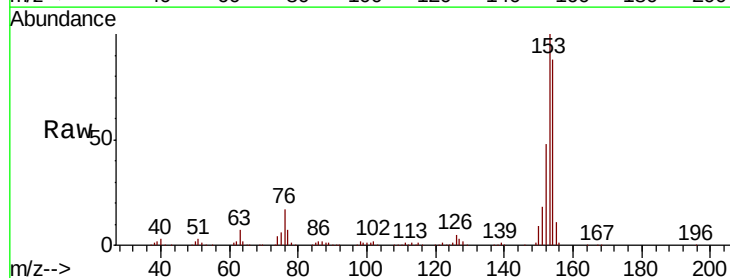
Tgt Ion:154 Resp: 575189

Ion Ratio Lower Upper

154 100

153 113.4 90.3 135.5

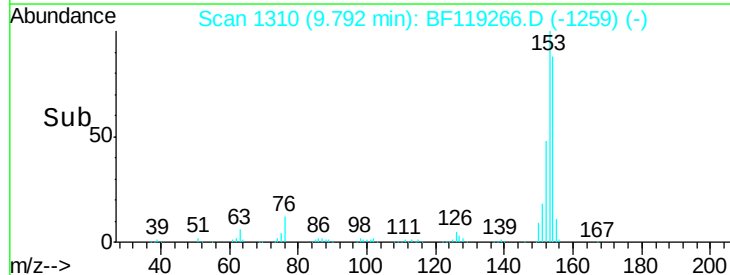
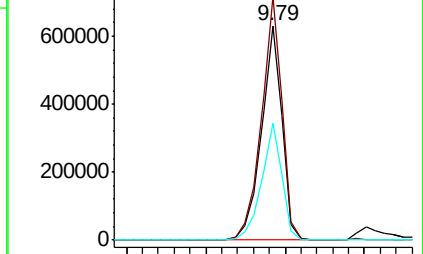
152 54.5 43.8 65.8

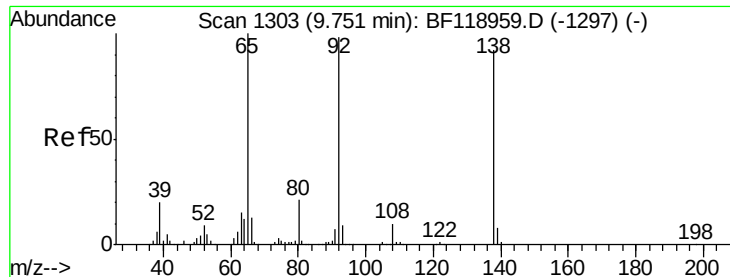


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





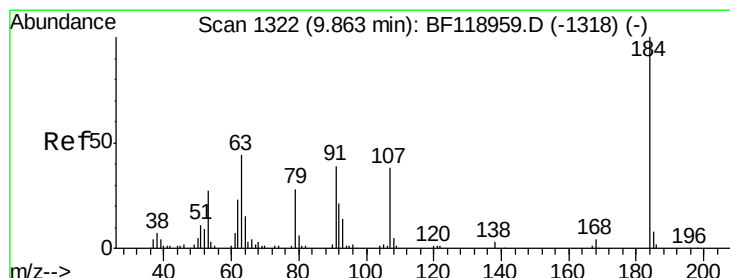
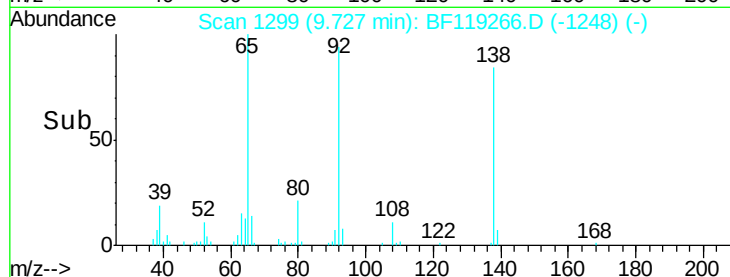
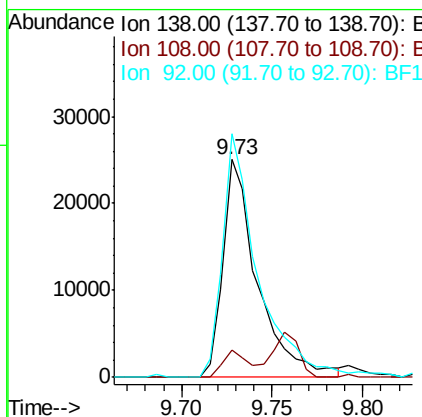
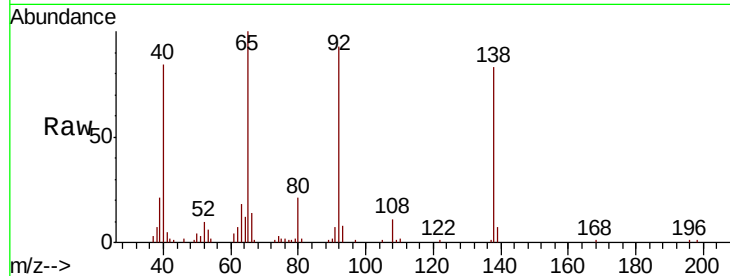
#53
3-Nitroaniline
Concen: 7.822 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.8	13.2
92	111.9	84.8	127.2

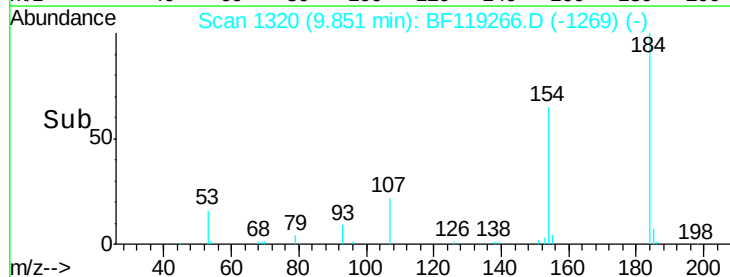
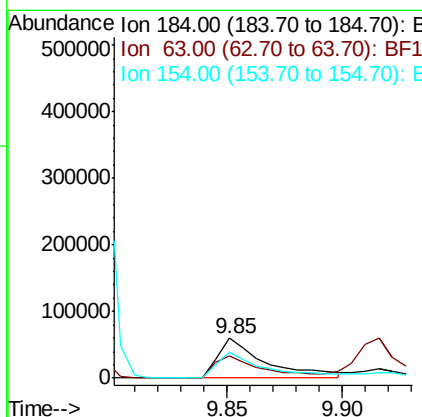
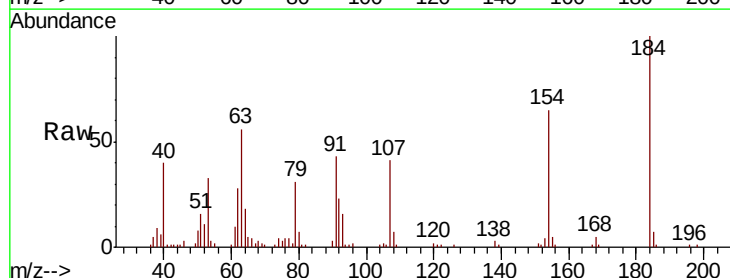
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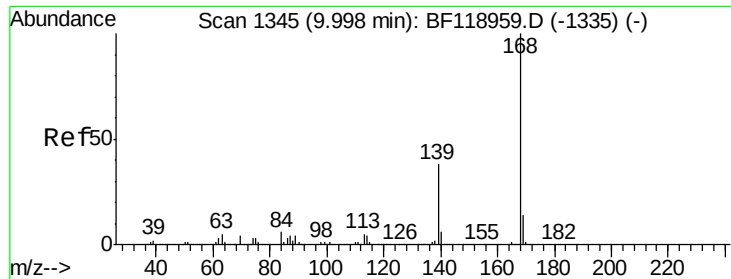
mohammad
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#54
2,4-Dinitrophenol
Concen: 48.728 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.9	38.7	58.1
154	64.7	49.7	74.5





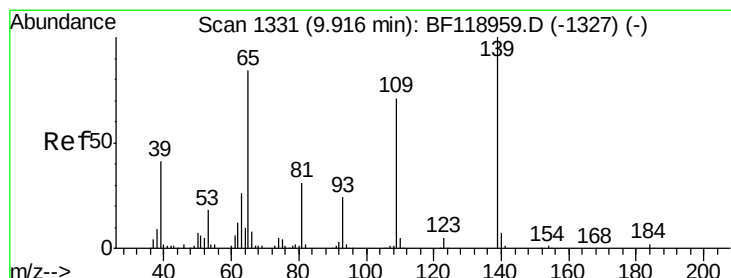
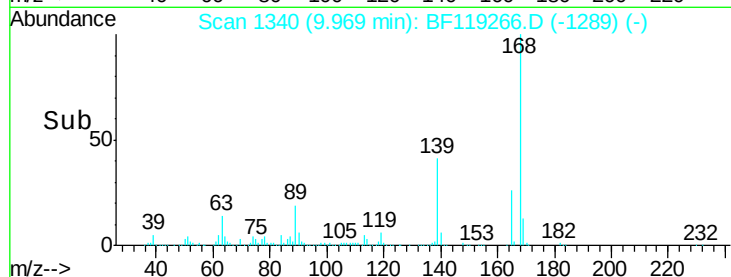
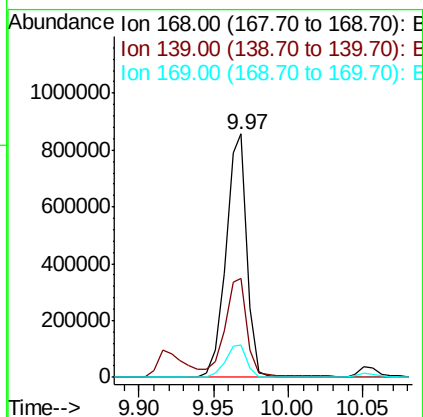
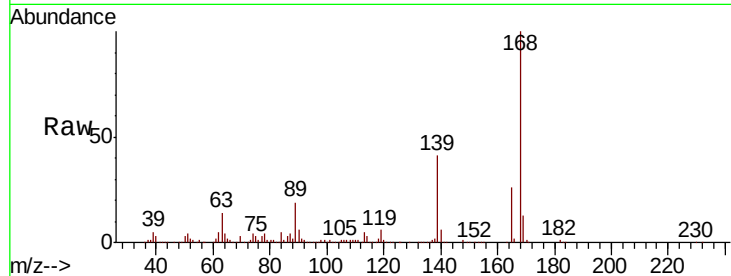
#55
Dibenzofuran
Concen: 44.130 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	34.0	51.0
169	13.5	11.0	16.4

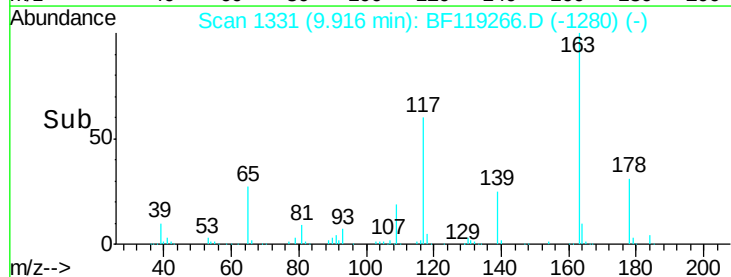
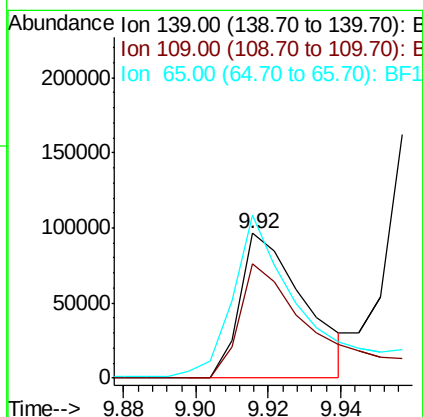
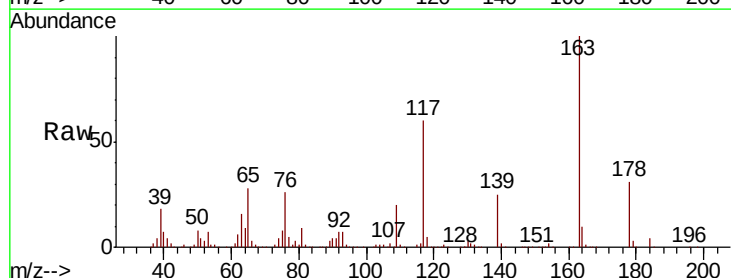
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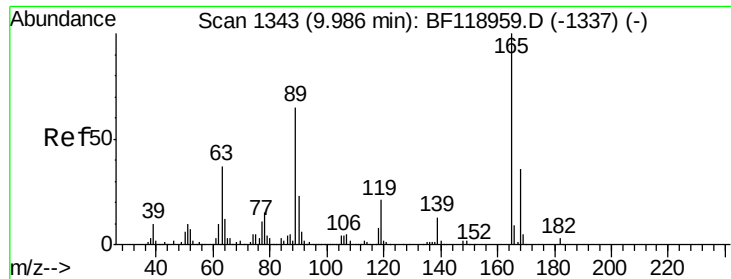
mohammad
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#56
4-Nitrophenol
Concen: 46.130 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.8	56.7	96.7
65	112.2	65.0	105.0#





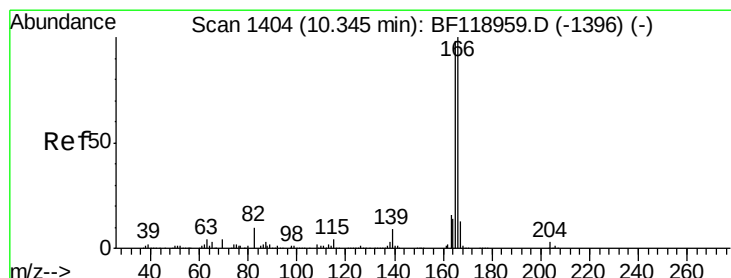
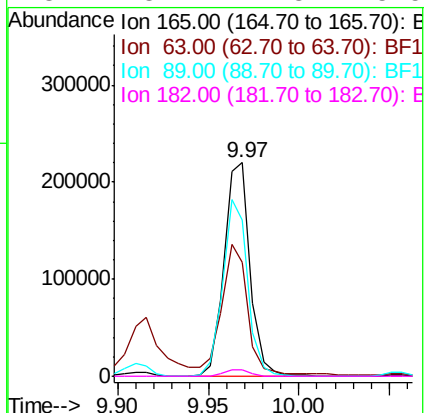
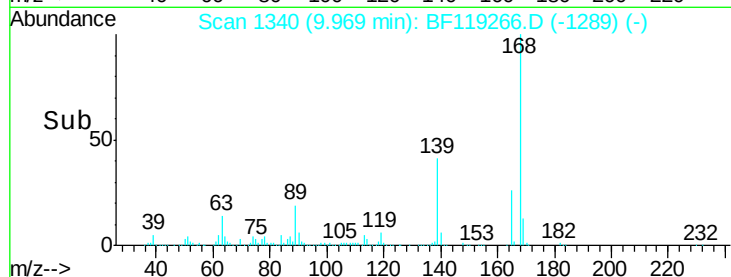
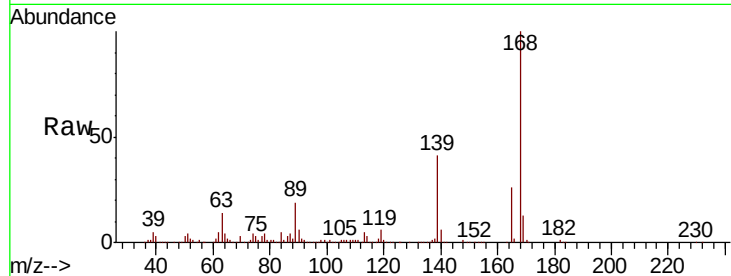
#57
2,4-Dinitrotoluene
Concen: 44.016 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		219561		
63	53.2	42.3	63.5		
89	73.2	60.2	90.4		
182	3.1	2.3	3.5		

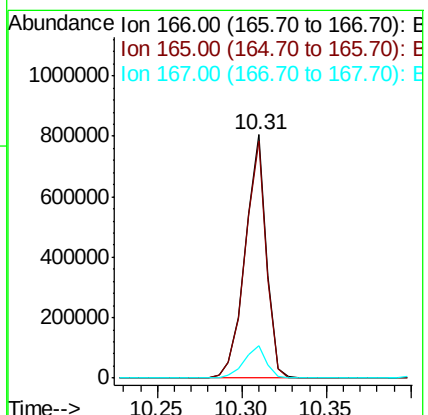
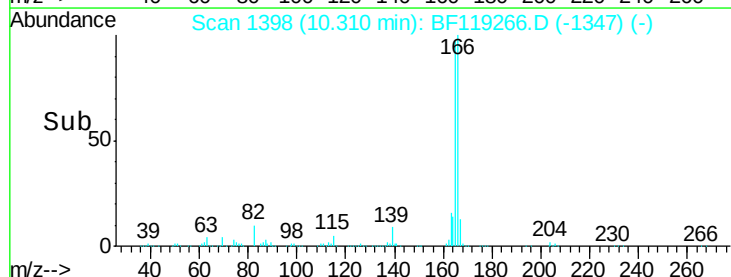
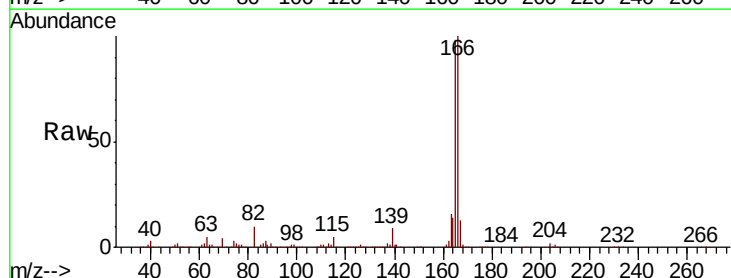
Manual Integrations
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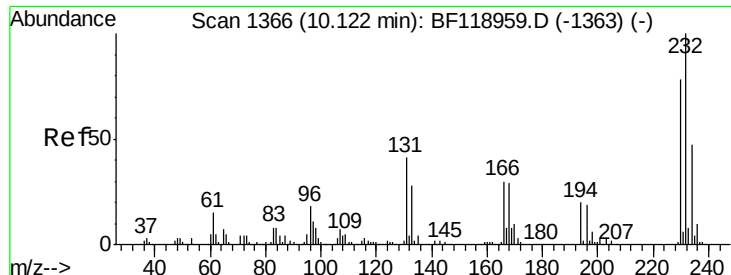
mohammad
3/9/2020 3:09:32 PM



#58
Fluorene
Concen: 47.113 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		702072		
165	97.5	78.5	117.7		
167	13.4	11.0	16.4		





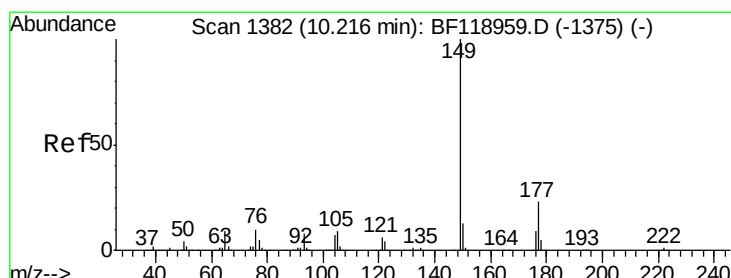
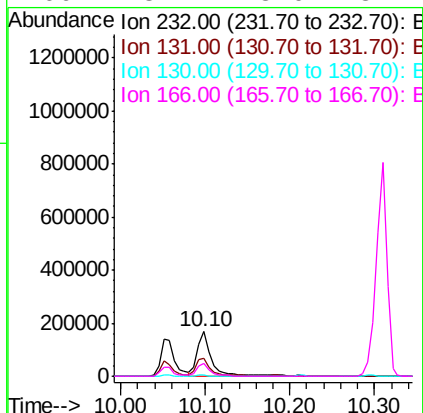
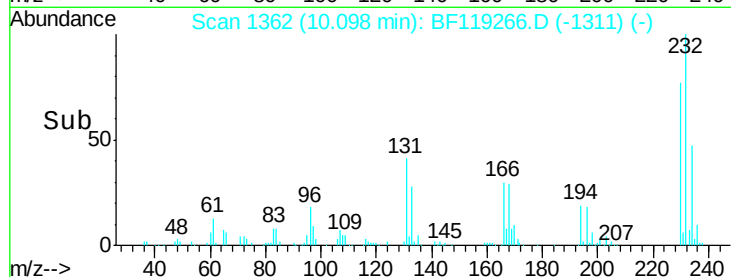
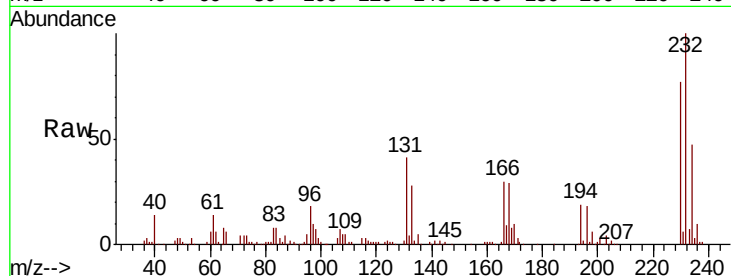
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.622 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		186286		
131	39.7	33.8	50.8		
130	2.4	1.8	2.6		
166	28.2	23.0	34.4		

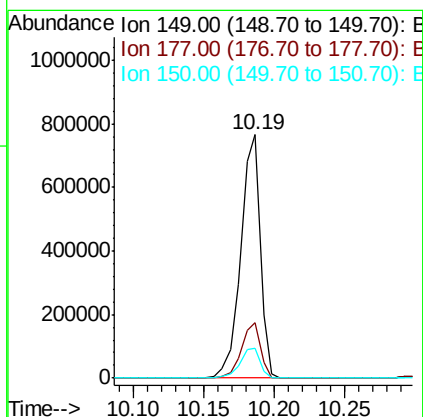
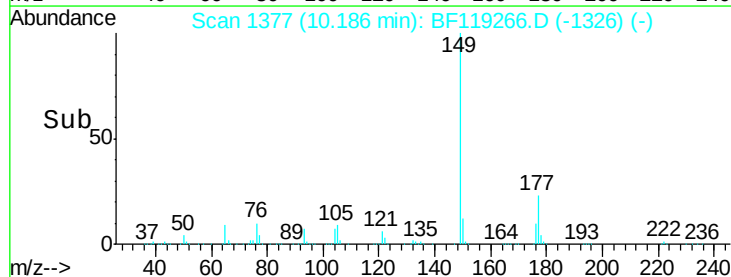
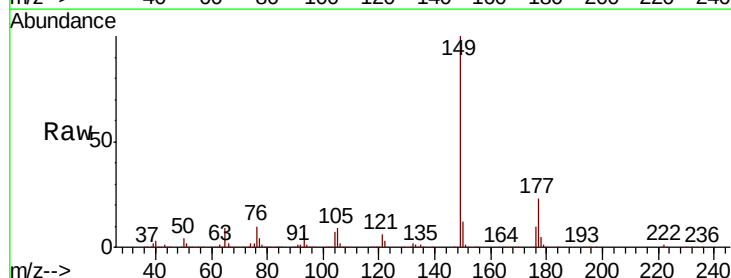
Manual Integrations
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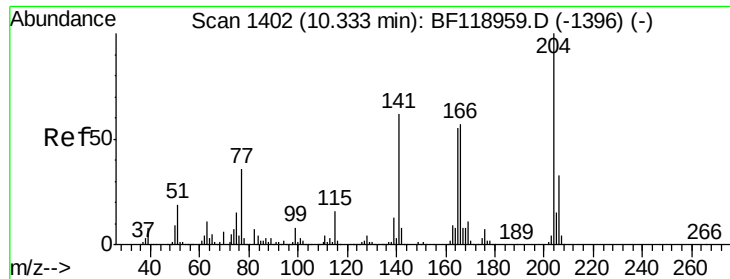
mohammad
 3/9/2020 3:09:32 PM



#60
 Diethylphthalate
 Concen: 45.080 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		735866		
177	22.9	18.2	27.2		
150	12.5	10.5	15.7		





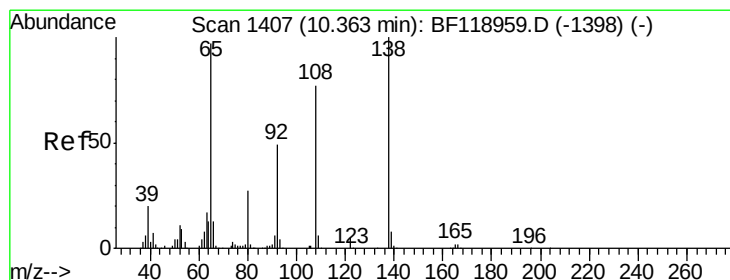
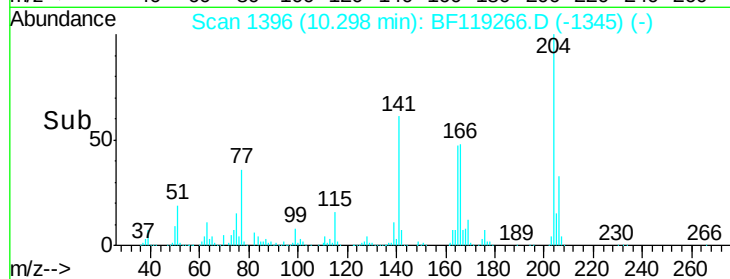
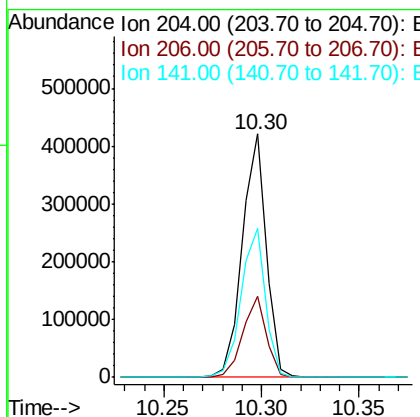
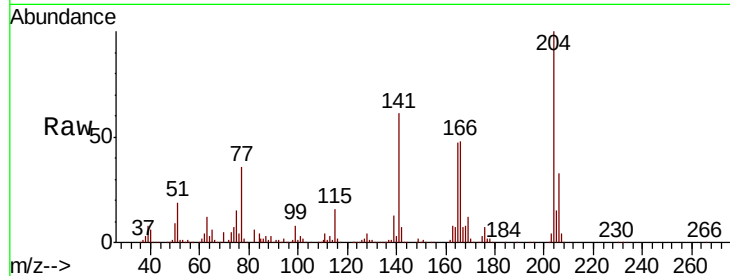
#61
4-Chlorophenyl-phenylether
Concen: 45.427 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	358325		
206	33.2		27.1	40.7
141	61.1		52.9	79.3

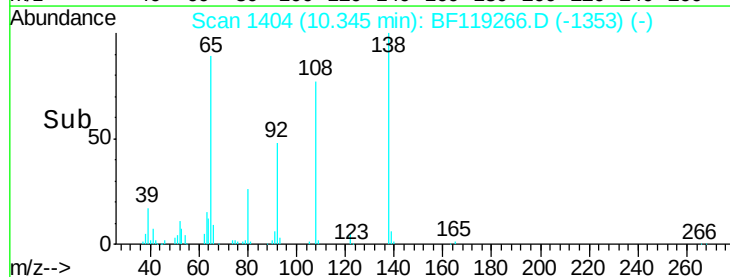
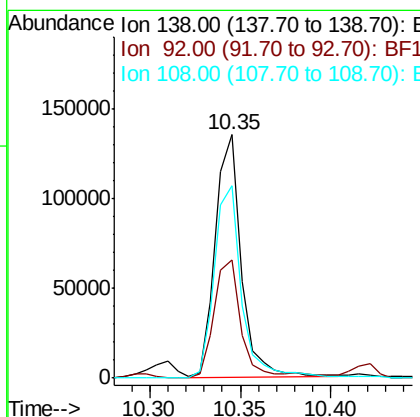
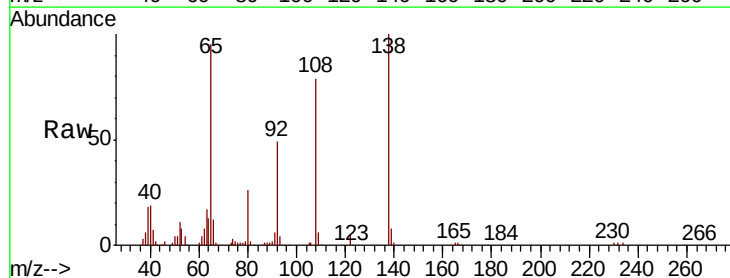
Manual Integrations
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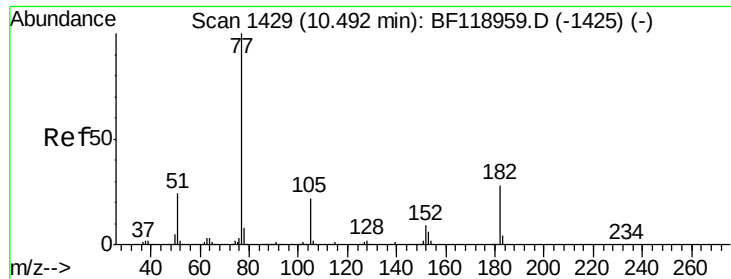
mohammad
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#62
4-Nitroaniline
Concen: 31.065 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	135601		
92	48.7		27.3	67.3
108	79.0		57.0	97.0





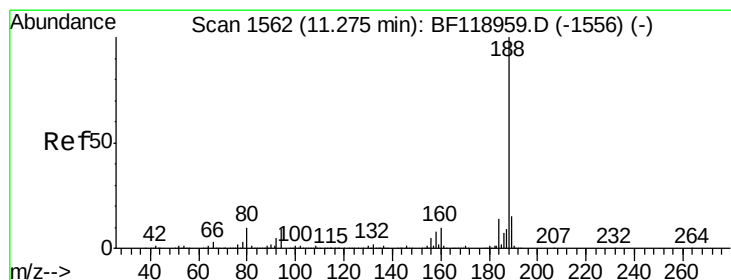
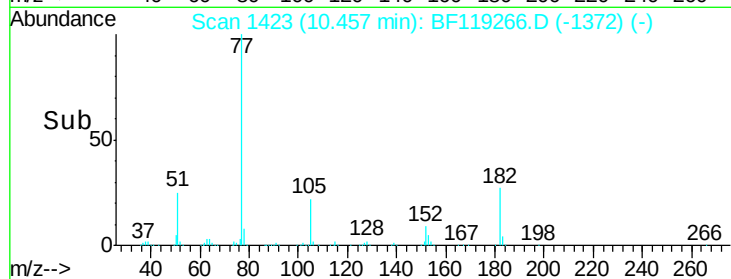
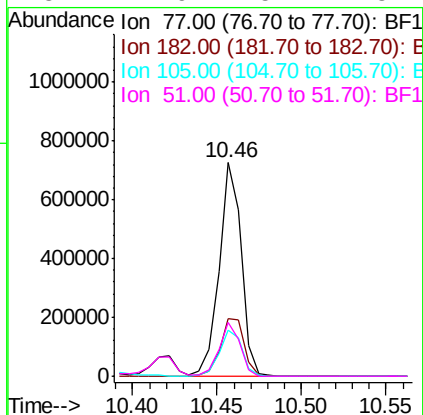
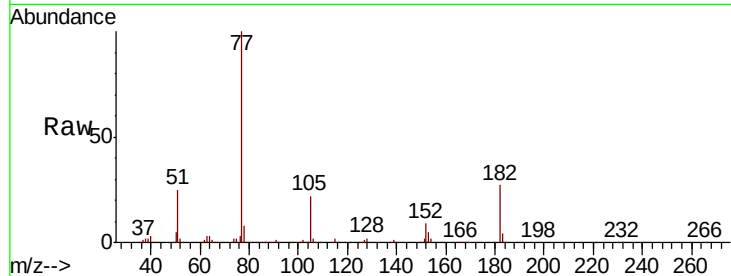
#63
Azobenzene
Concen: 46.568 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	11.4	51.4	
105	21.8	3.4	43.4	
51	24.9	5.1	45.1	

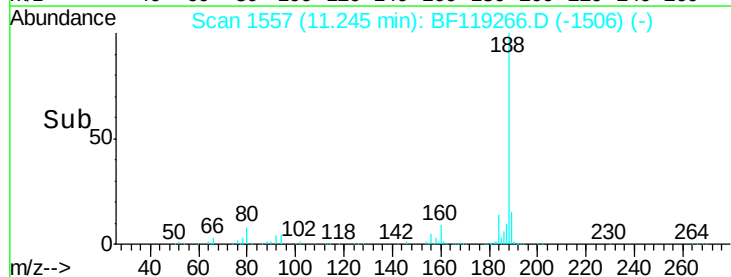
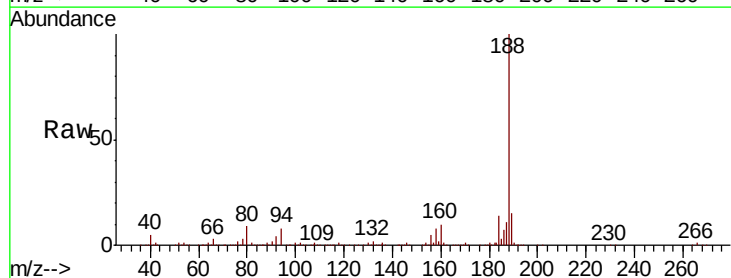
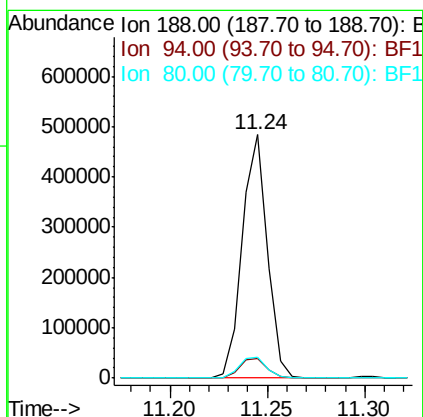
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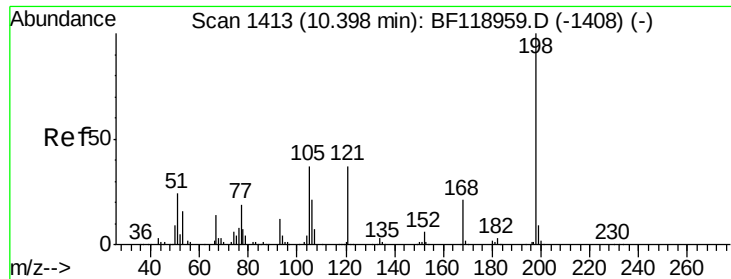
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	7.1	10.7	
80	8.8	7.8	11.8	





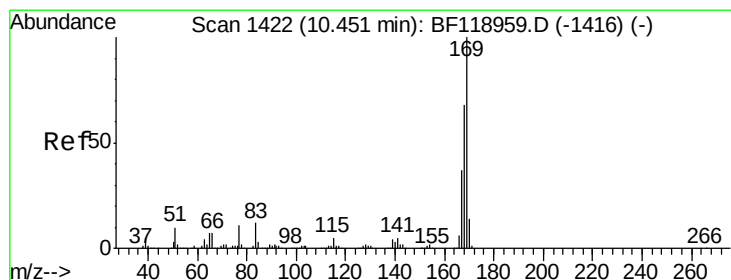
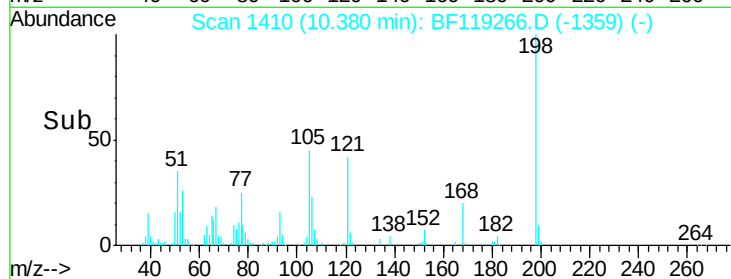
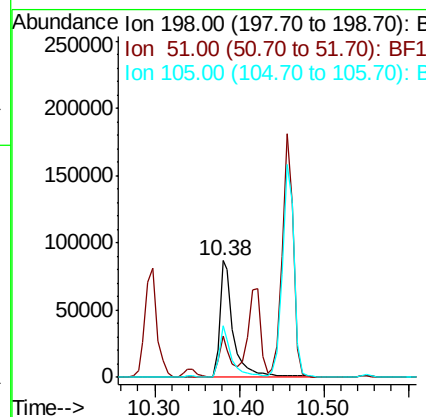
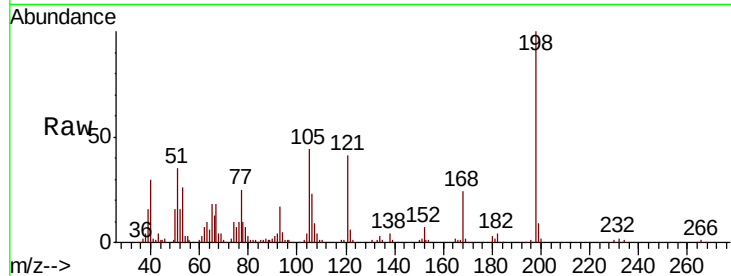
#65
4,6-Dinitro-2-methylphenol
Concen: 38.483 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	100482		
51	35.2		14.2	54.2
105	44.4		22.7	62.7

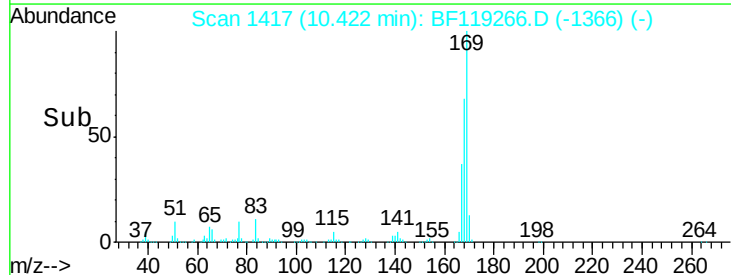
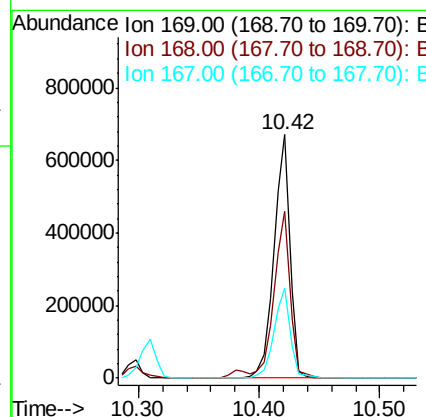
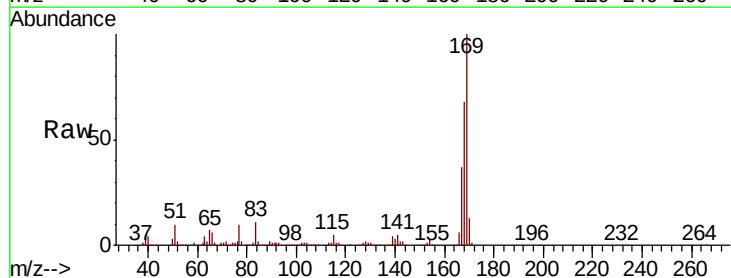
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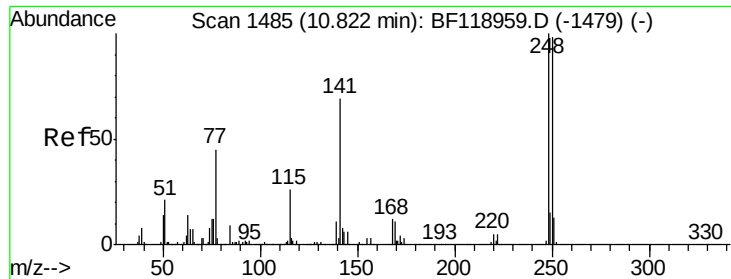
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#66
n-Nitrosodiphenylamine
Concen: 44.183 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	624259		
168	68.4		54.1	81.1
167	36.8		29.4	44.0





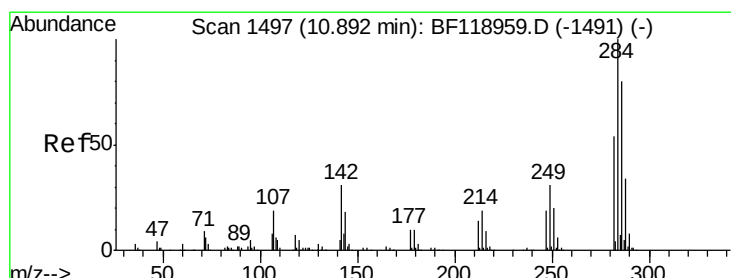
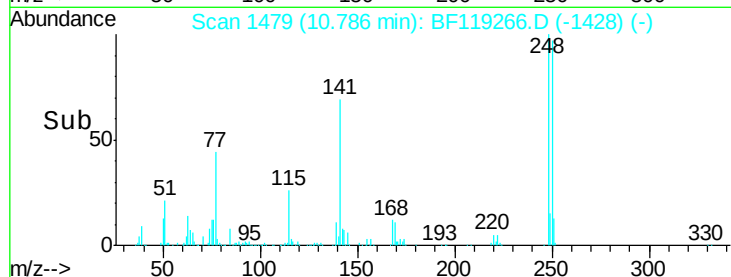
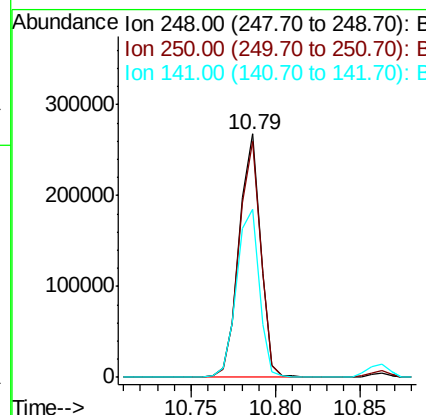
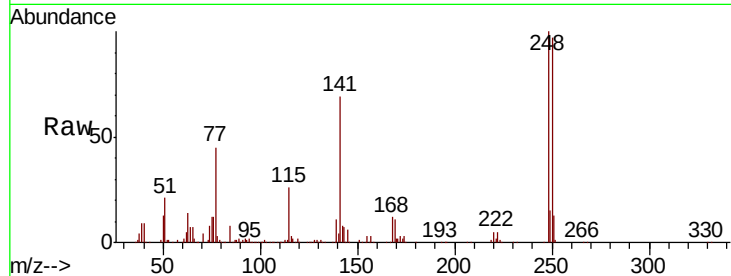
#67
4-Bromophenyl-phenylether
Concen: 41.854 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.7	115.1
141	69.2	60.7	91.1

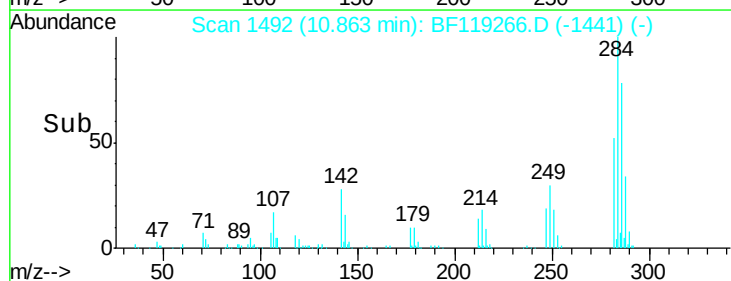
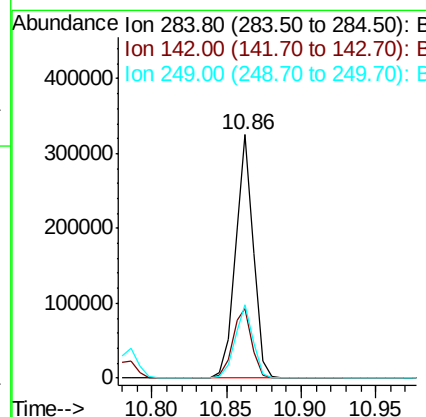
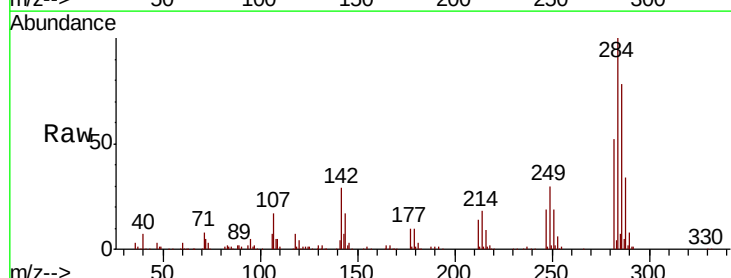
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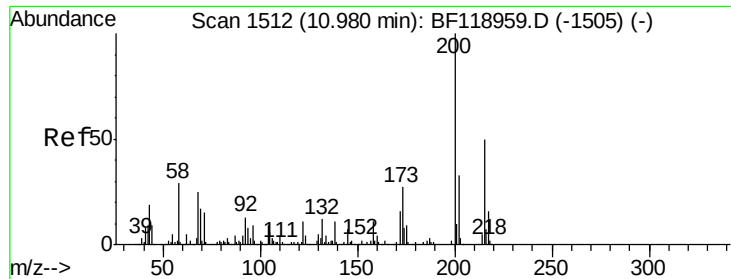
mohammad
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#68
Hexachlorobenzene
Concen: 42.406 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	23.7	35.5
249	30.3	25.0	37.6





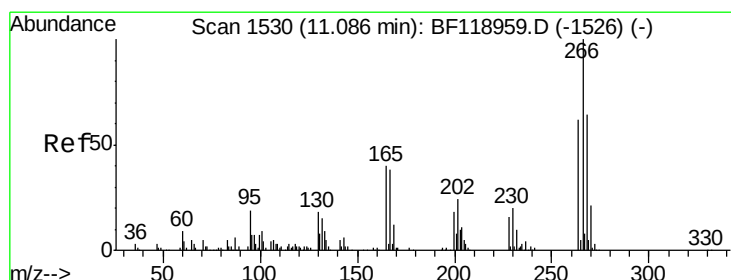
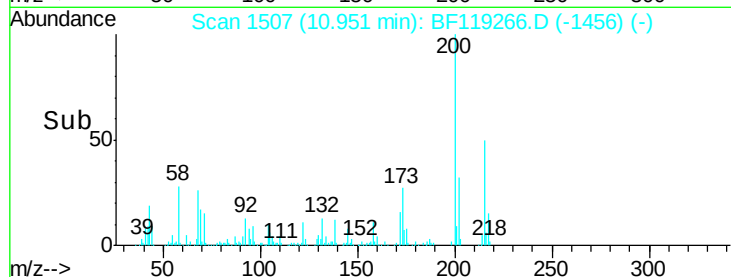
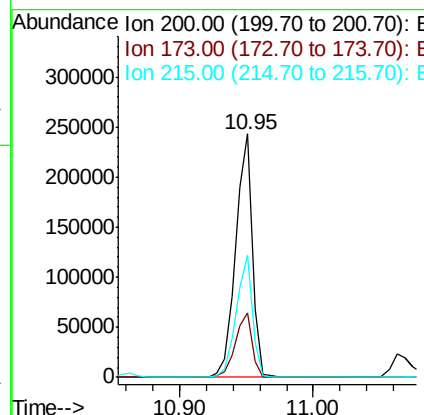
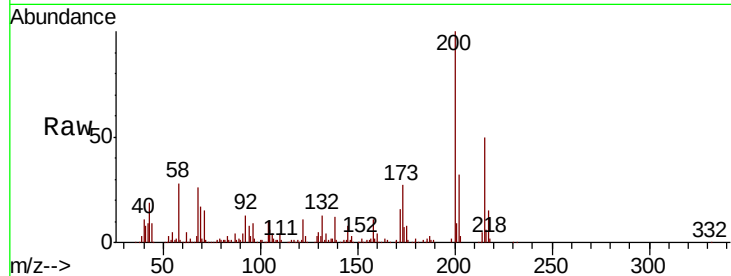
#69
Atrazine
Concen: 43.839 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.4	46.4
215	49.9	27.4	67.4

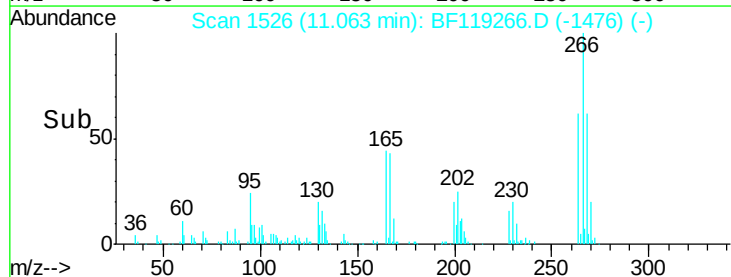
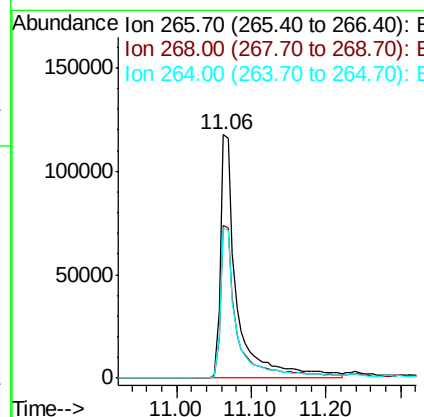
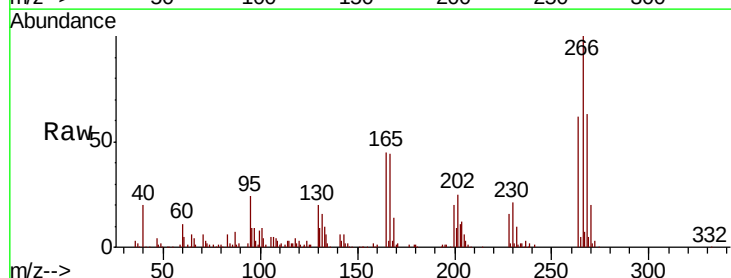
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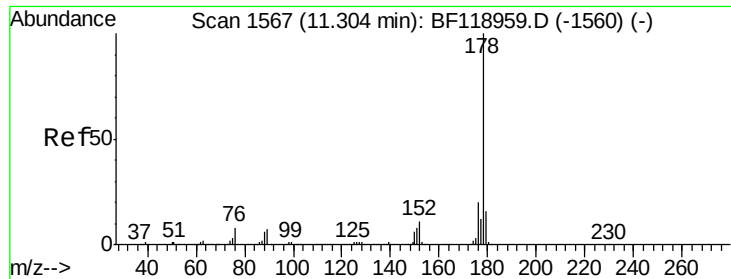
mohammad
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#70
Pentachlorophenol
Concen: 68.890 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.9	77.9
264	61.9	51.0	76.4





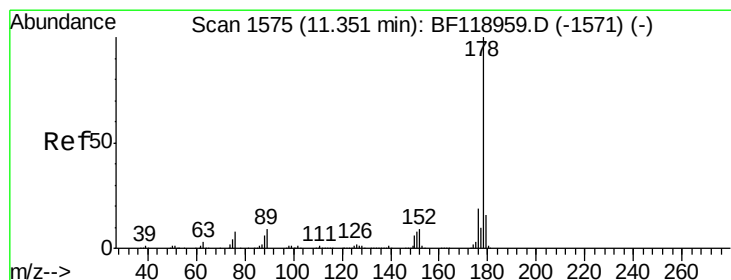
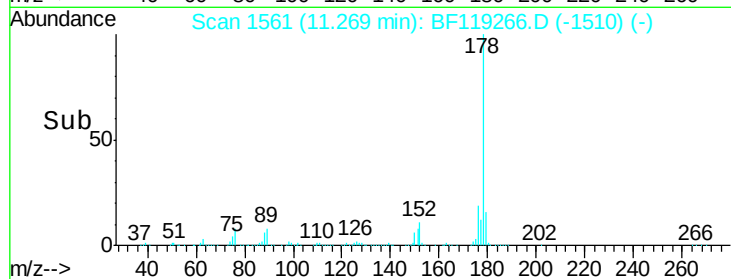
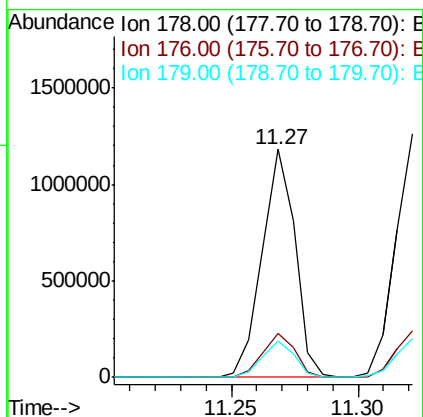
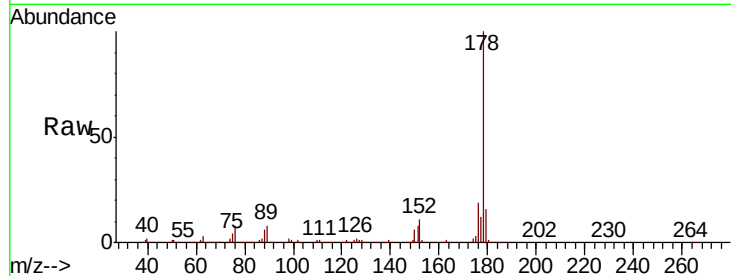
#71
Phenanthrene
Concen: 46.140 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion:178 Resp: 1085760
Ion Ratio Lower Upper
178 100
176 19.5 16.5 24.7
179 15.6 13.0 19.6

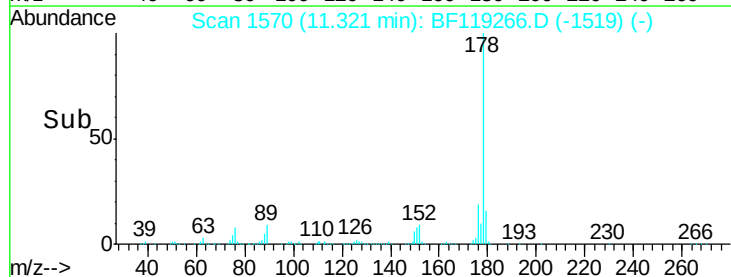
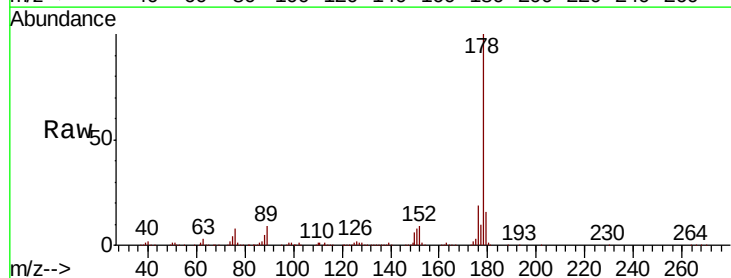
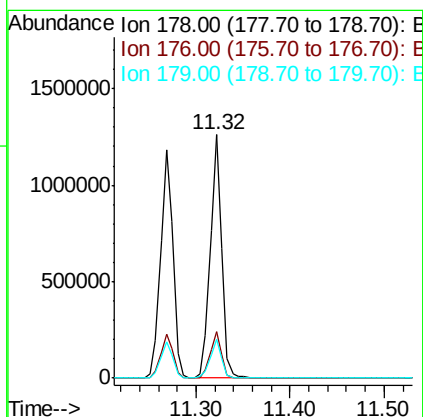
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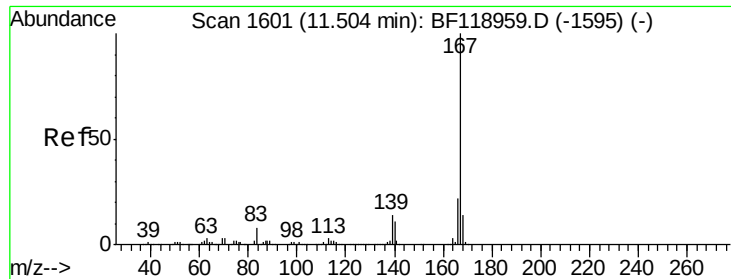
mohammad
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#72
Anthracene
Concen: 46.639 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:178 Resp: 1096595
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.1 13.1 19.7





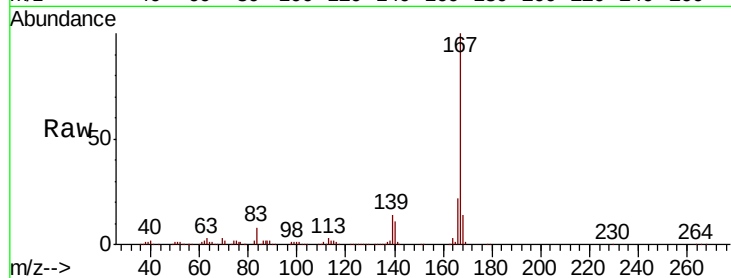
#73
 Carbazole
 Concen: 46.669 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

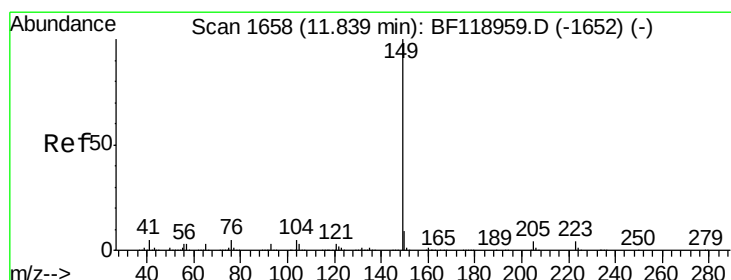
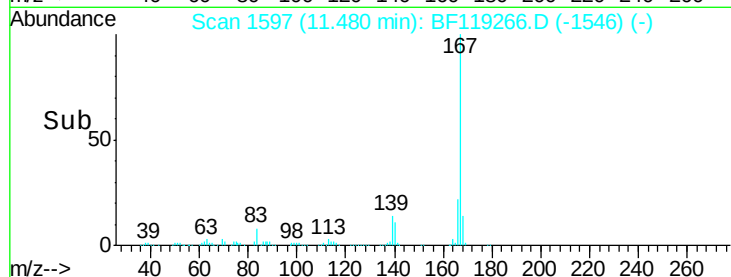
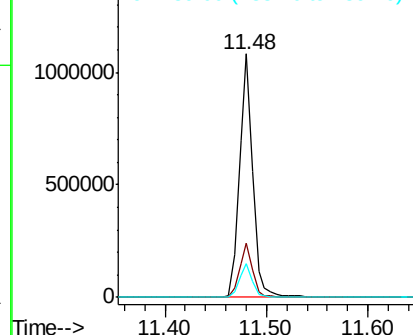
Tot Ion:	167	Resp:	977549
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.2	27.4
139	13.8	11.7	17.5

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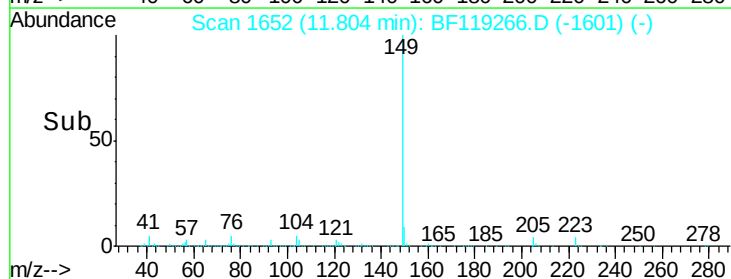
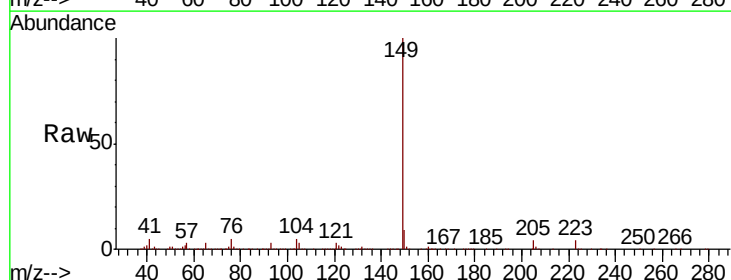
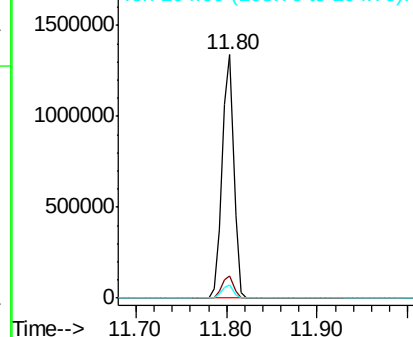
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

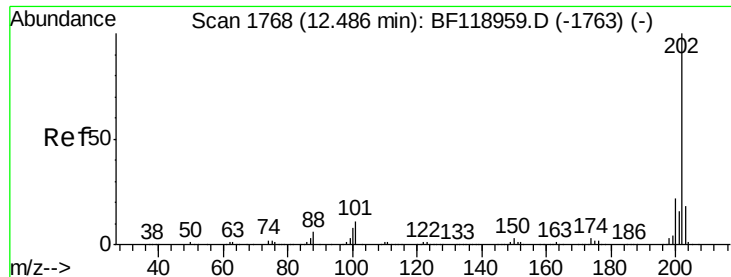


#74
 Di-n-butylphthalate
 Concen: 46.441 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:	149	Resp:	1178047
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.9	11.9
104	5.2	4.6	6.8

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.666 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

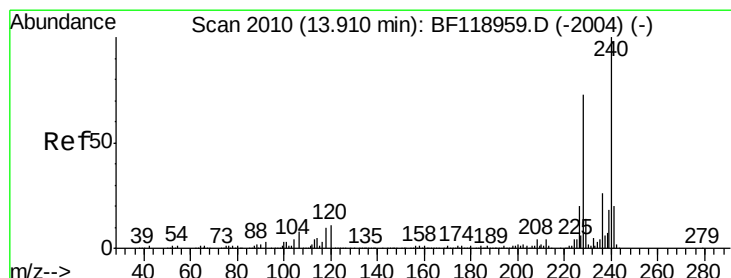
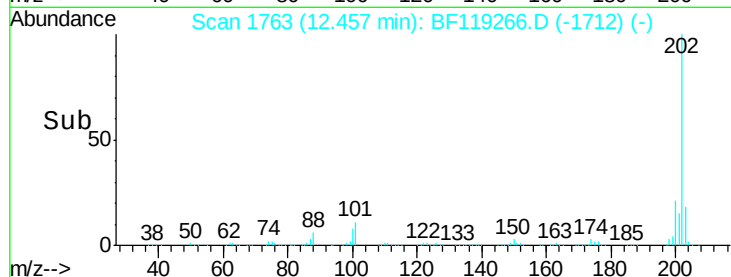
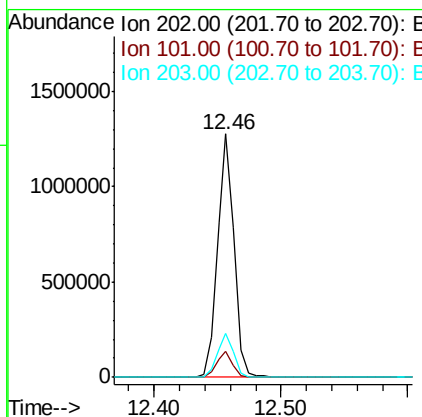
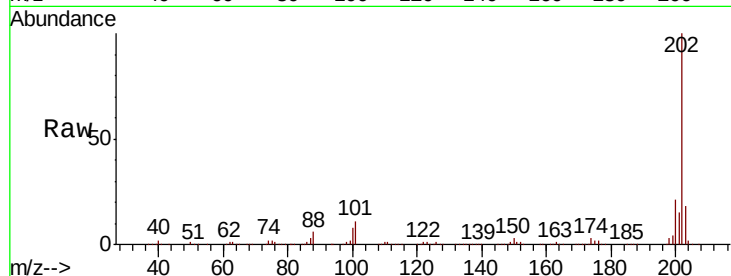
ClientSampleId :

SU-04-030420MSD

Tot Ion:	202	Resp:	1165643
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.3
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

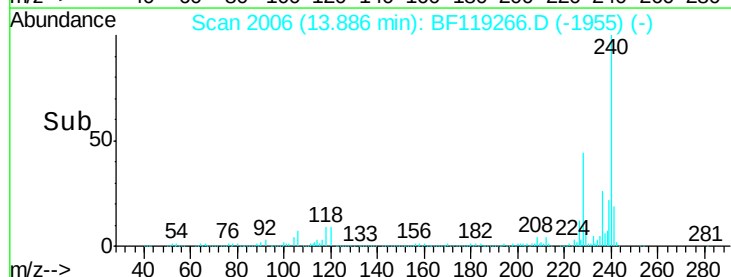
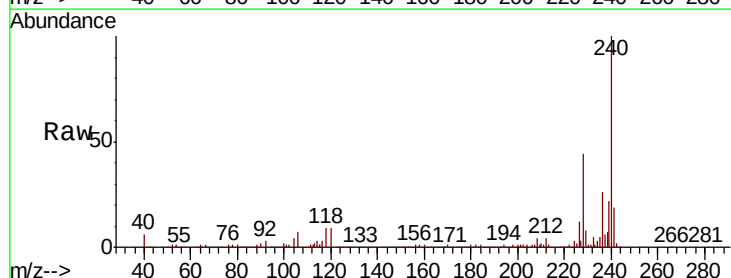
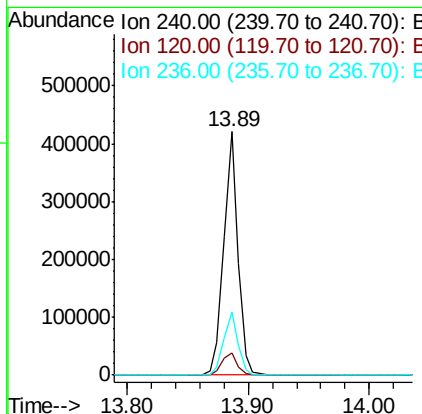
RT: 13.89 min Scan# 2006

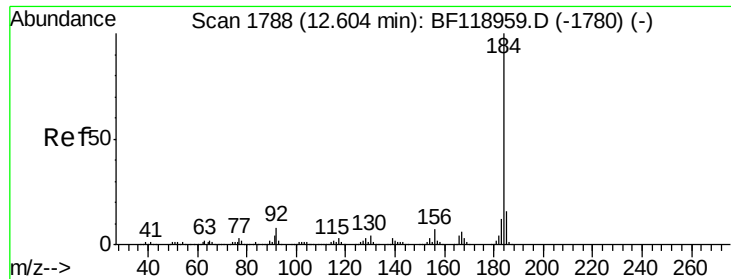
Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion:	240	Resp:	340246
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.4	12.6
236	26.0	21.0	31.4





#77

Benzidine

Concen: 10.564 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

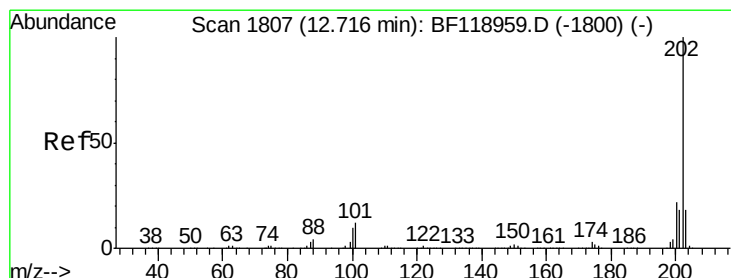
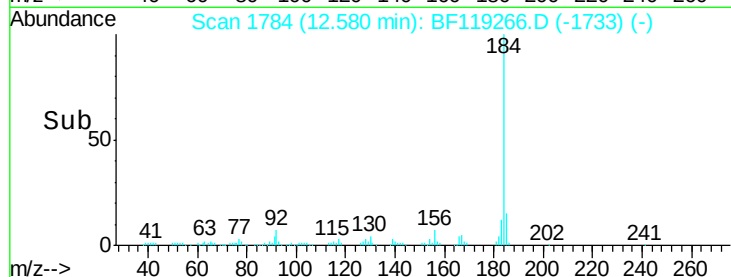
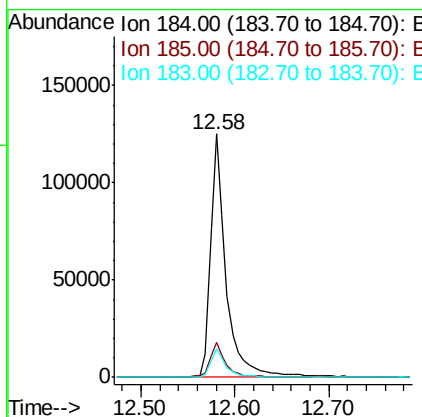
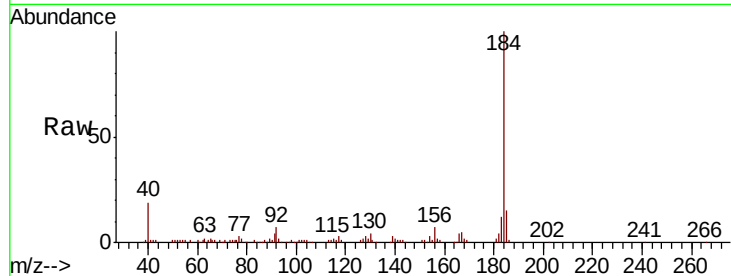
ClientSampleId :

SU-04-030420MSD

Tot Ion:	184	Resp:	146184
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.4
183	11.9	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 42.884 ng

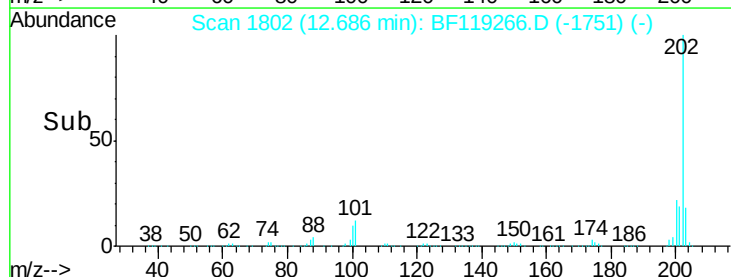
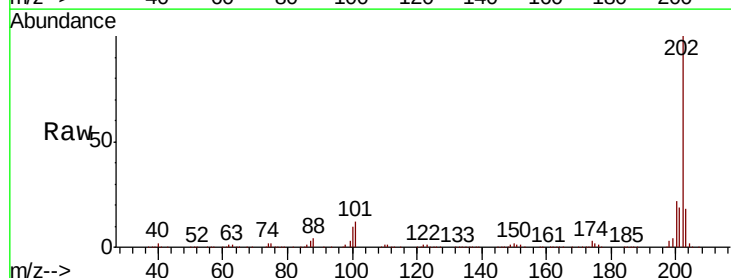
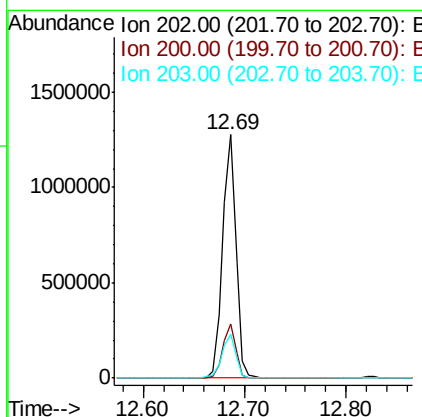
RT: 12.69 min Scan# 1802

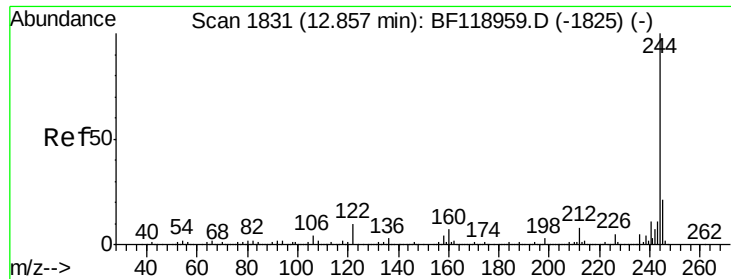
Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion:	202	Resp:	1171637
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.0	27.0
203	18.2	14.6	22.0





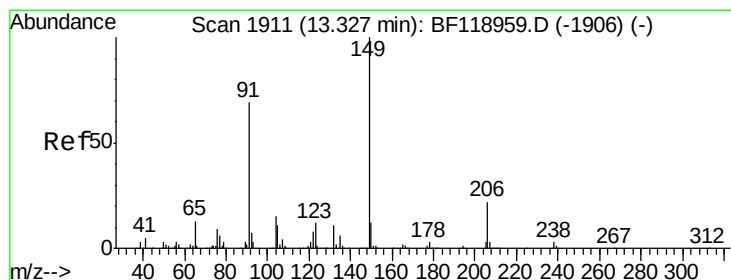
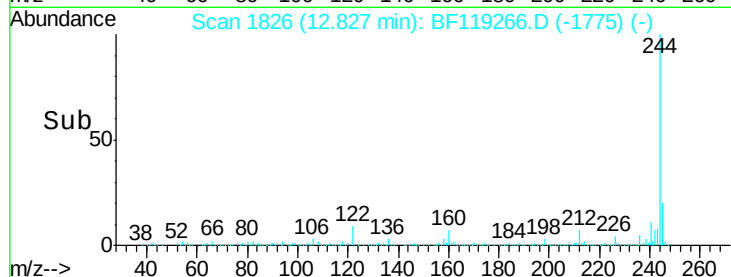
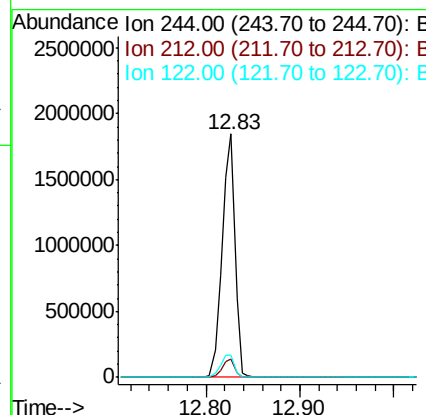
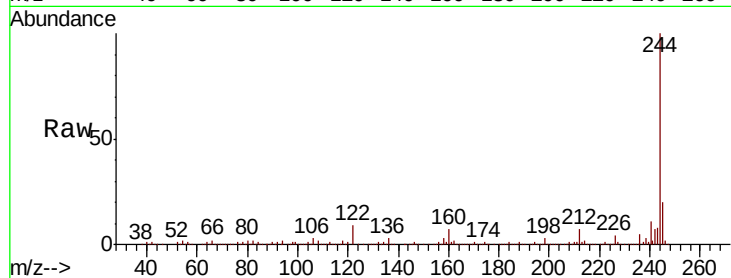
#79
 Terphenyl-d14
 Concen: 89.595 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	9.3	8.2	12.2

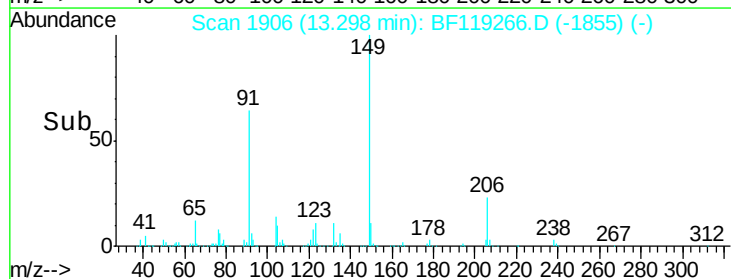
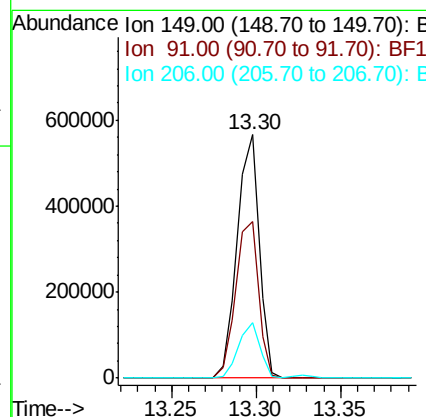
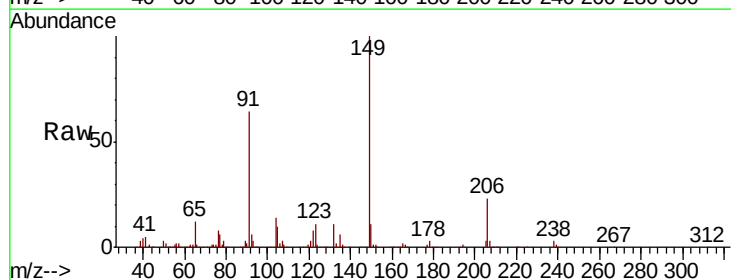
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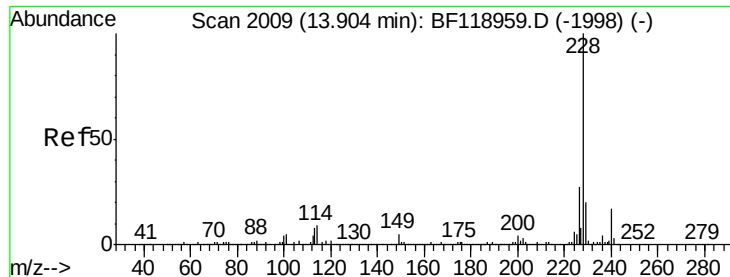
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#80
 Butylbenzylphthalate
 Concen: 44.561 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.5	52.3	78.5
206	22.7	18.5	27.7





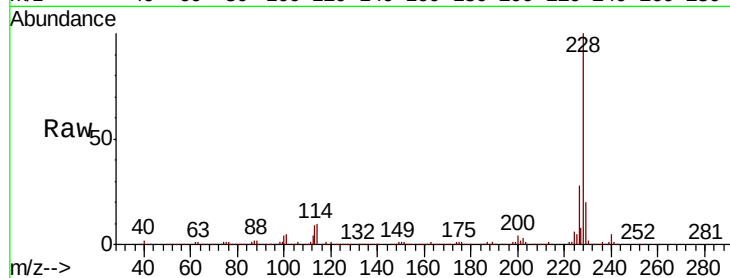
#81
Benzo(a)anthracene
Concen: 45.168 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.9	16.6	24.8

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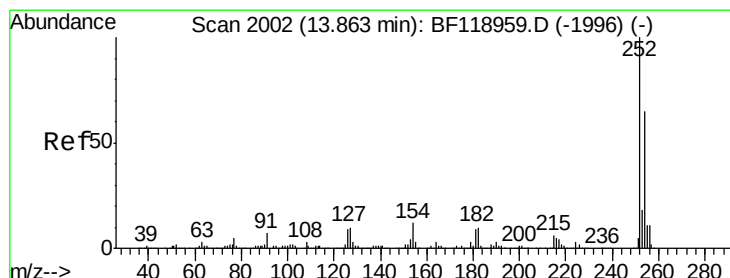
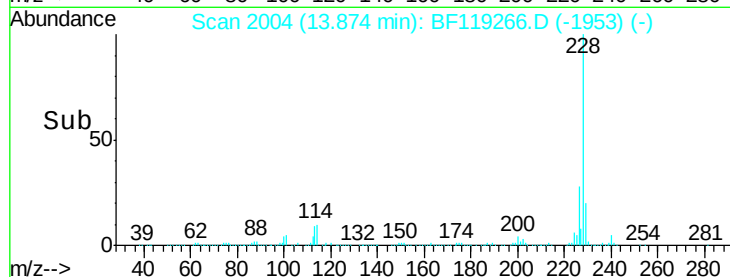
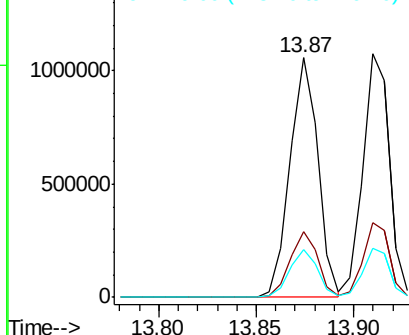


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 13.250 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

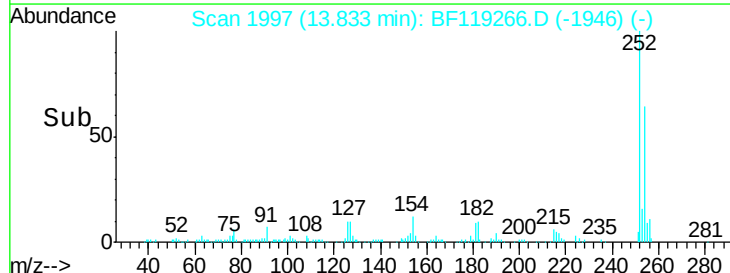
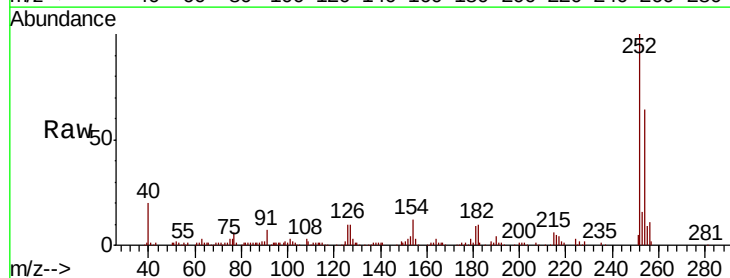
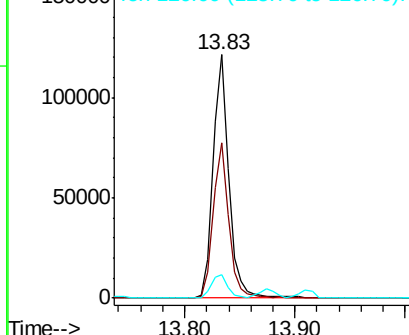
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.6	77.4
126	9.5	7.4	11.0

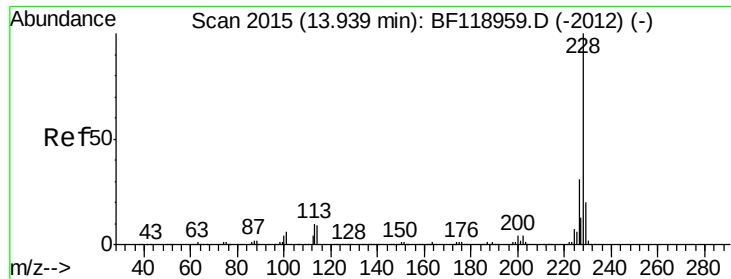
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





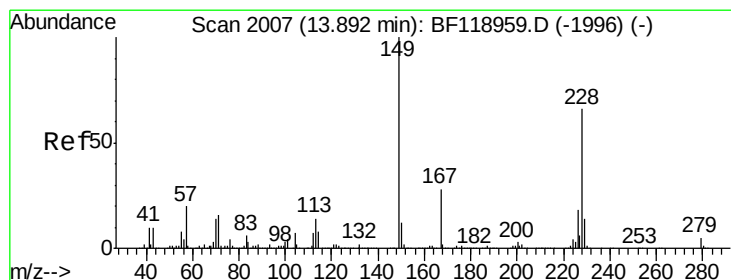
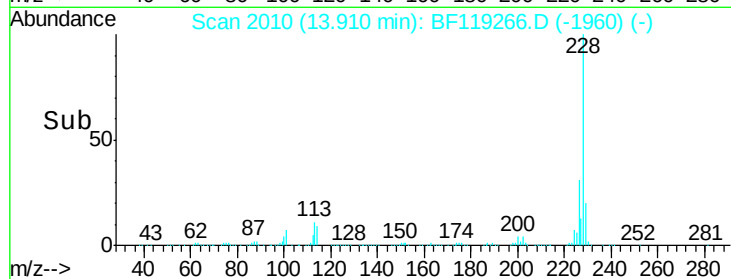
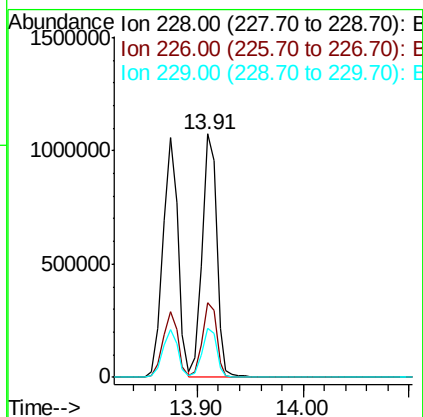
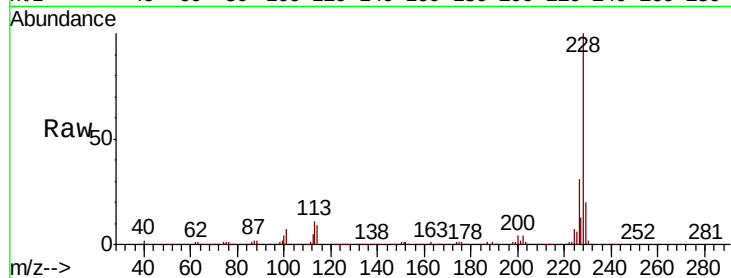
#83
 Chrvsene
 Concen: 44.140 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.1	37.7
229	20.0	16.3	24.5

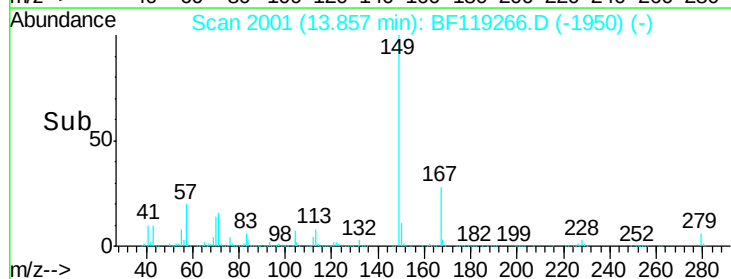
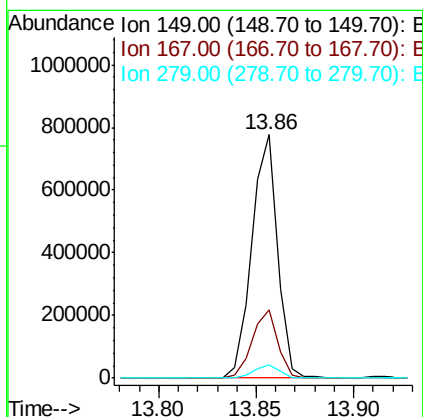
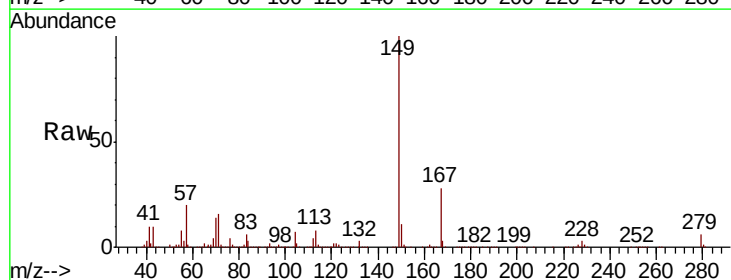
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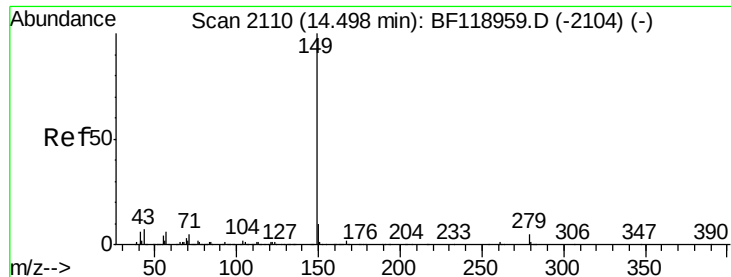
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.795 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	5.5	4.6	6.8





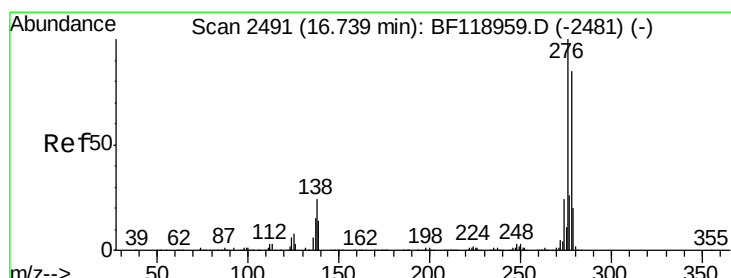
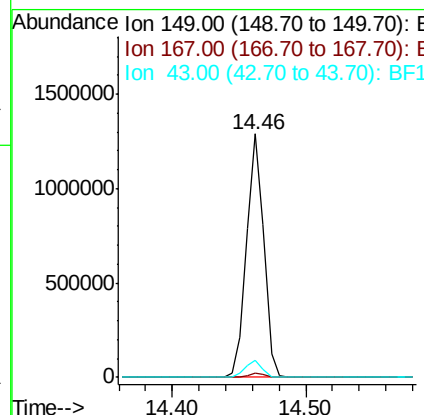
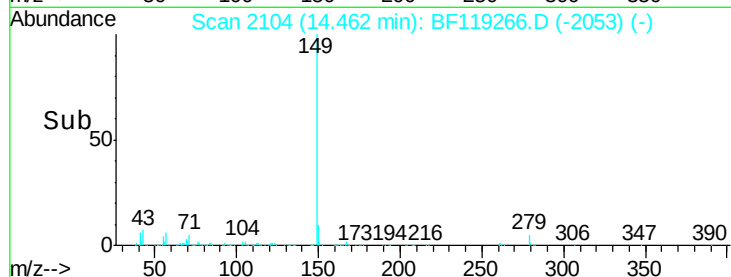
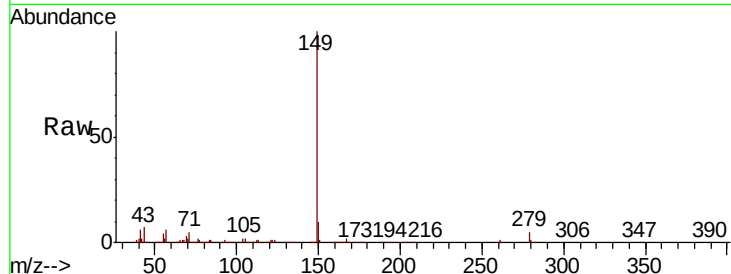
#85
Di-n-octyl phthalate
Concen: 50.109 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.7	5.7	8.5

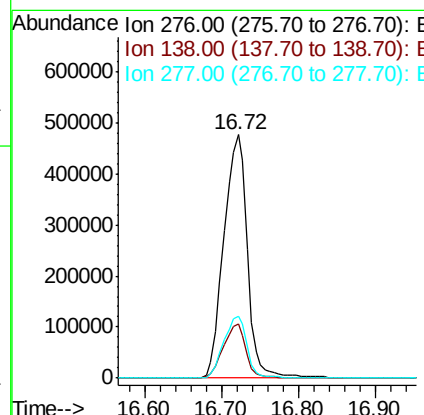
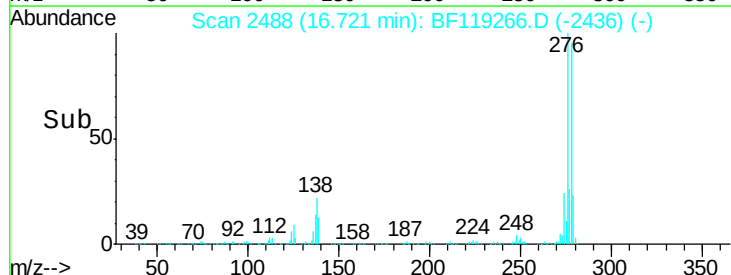
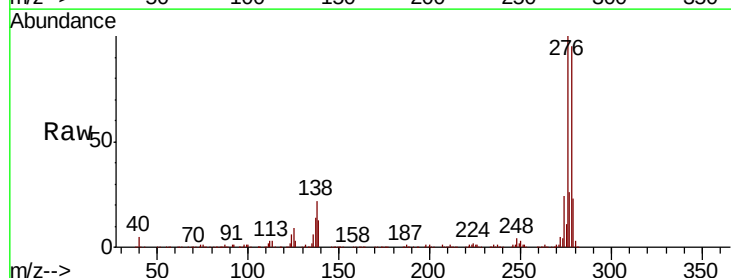
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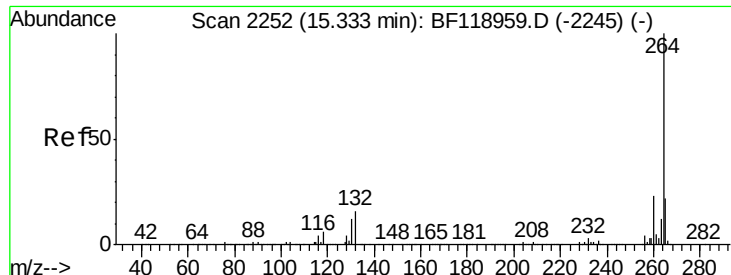
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.331 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.4	26.0
277	25.4	20.3	30.5





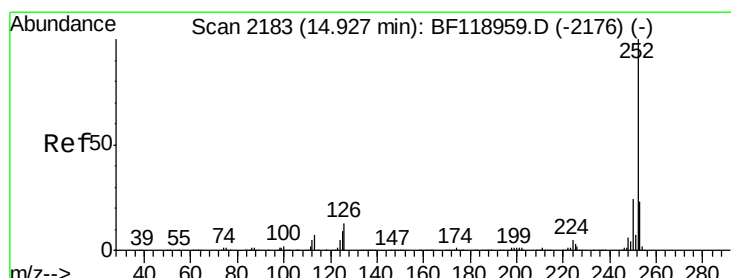
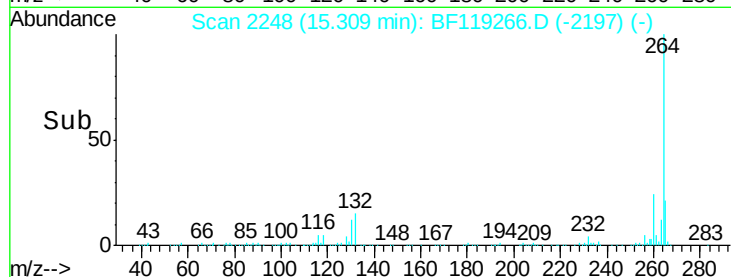
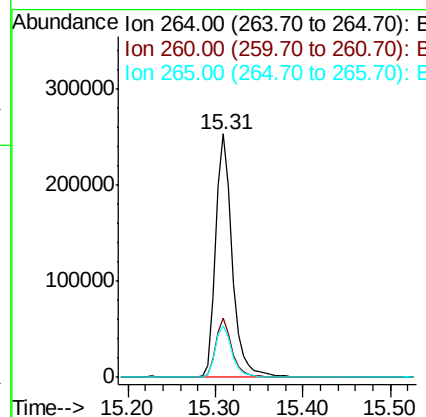
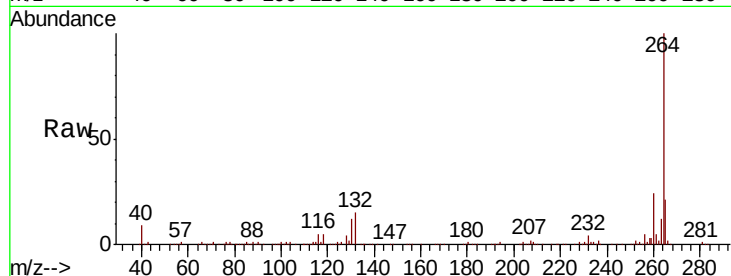
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.7	26.5

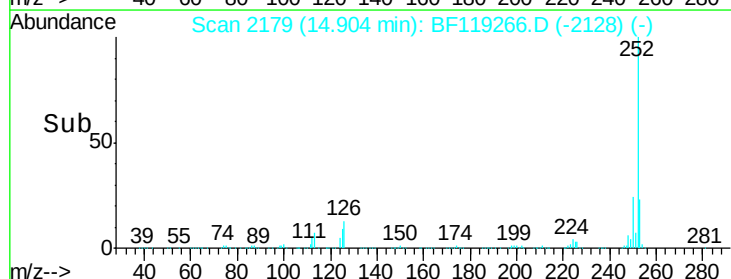
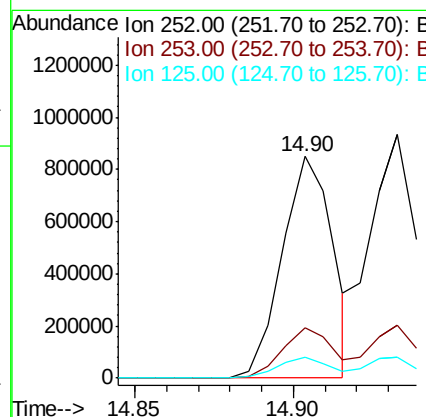
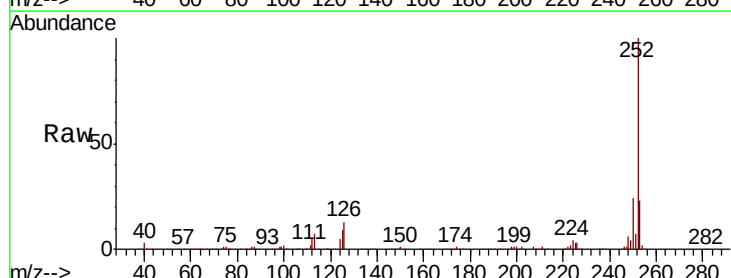
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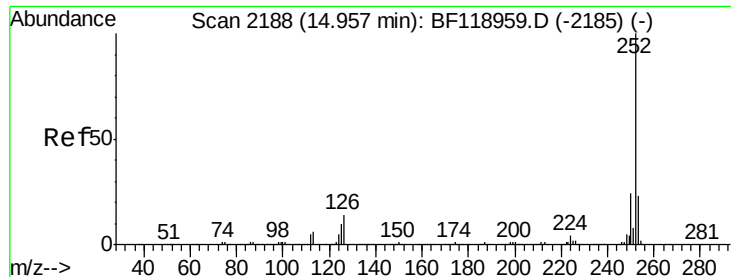
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.433 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.5	7.4	11.0





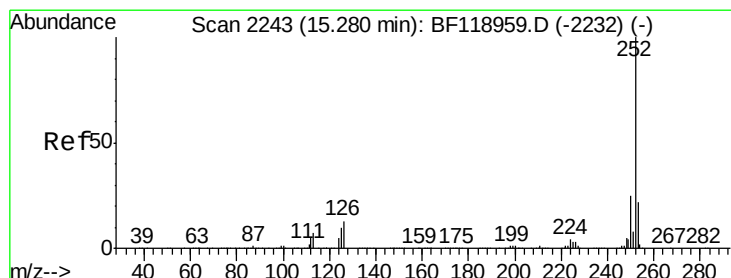
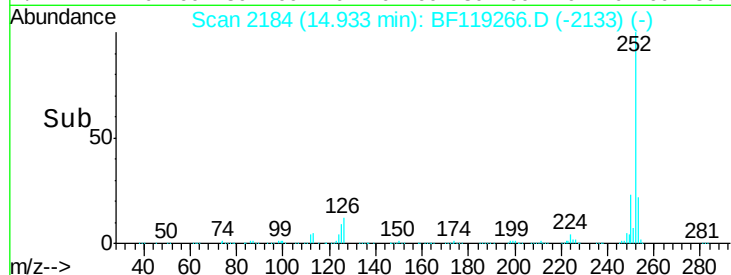
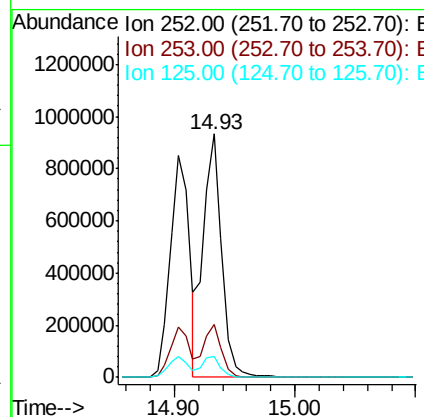
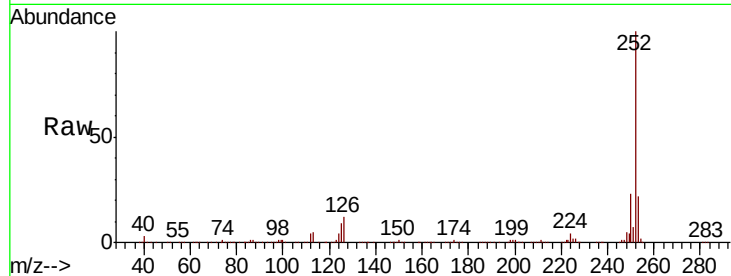
#89
Benzo(k)fluoranthene
Concen: 47.505 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.7	7.5	11.3

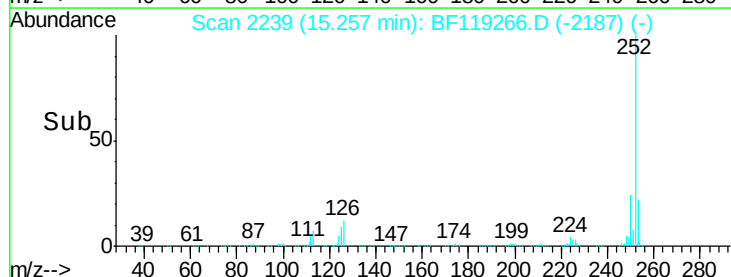
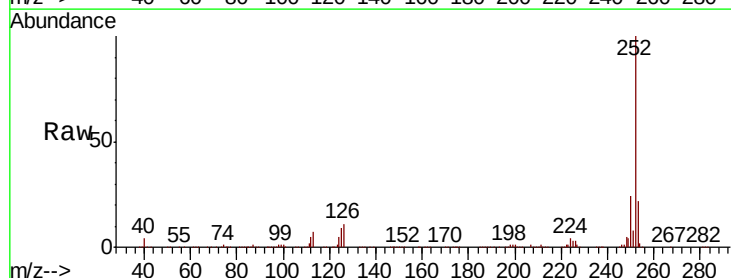
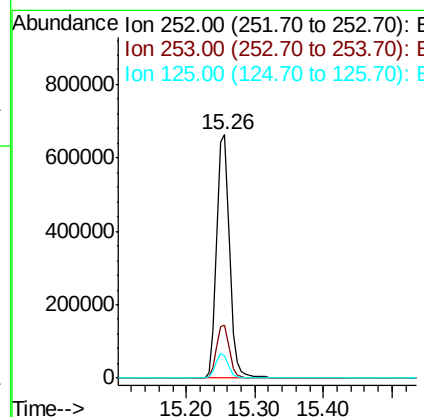
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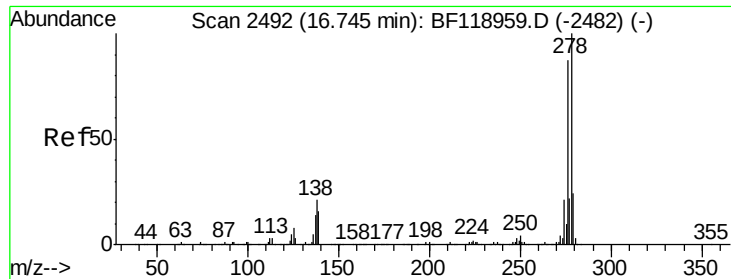
mohammad
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#90
Benzo(a)pyrene
Concen: 42.847 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	9.2	8.6	12.8





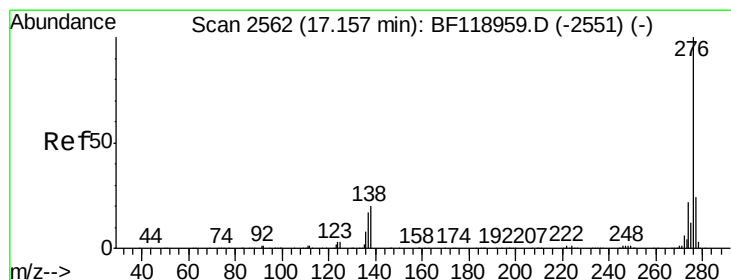
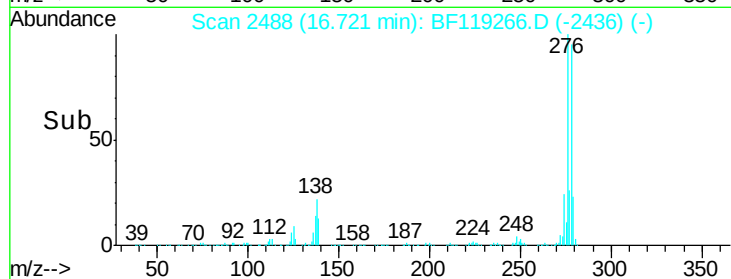
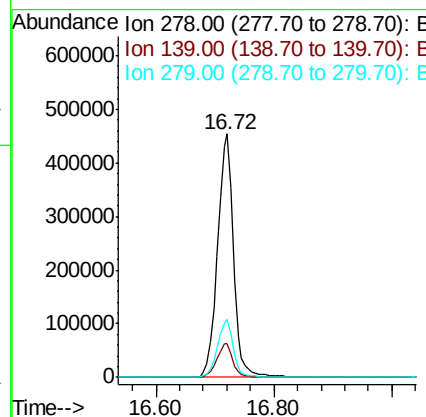
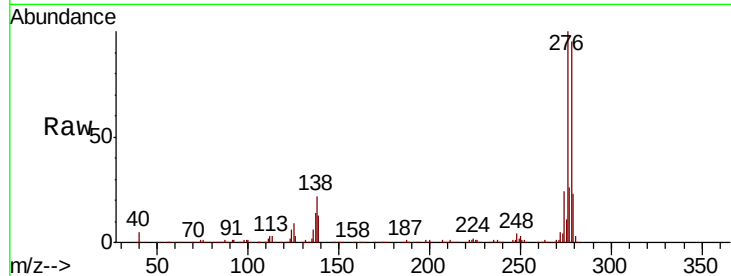
#91
Dibenzo(a,h)anthracene
Concen: 48.361 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.0	16.4
279	23.8	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.988 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	18.6	14.3	21.5

