

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121310.D
 Acq On : 17 Aug 2020 15:16
 Operator : JU/CG
 Sample : L3691-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Manual Integrations
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mohammad
 8/18/2020 1:50:13 PM

Quant Time: Aug 17 17:17:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81901	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	322471	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	169336	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	336456	20.00	ng	0.00
76) Chrysene-d12	13.86	240	288319	20.00	ng	0.00
86) Perylene-d12	15.27	264	279247	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	414795	76.78	ng	0.00
7) Phenol-d6	6.35	99	506170	72.71	ng	0.00
23) Nitrobenzene-d5	7.27	82	324484	54.99	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	160512	76.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	593768	48.50	ng	0.00
79) Terphenyl-d14	12.80	244	658111	44.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	89994	39.146	ng	99
3) Pyridine	3.01	79	192208	32.118	ng	99
4) n-Nitrosodimethylamine	2.95	42	105005	42.842	ng	96
6) Aniline	6.36	93	218888	26.524	ng	# 44
8) 2-Chlorophenol	6.49	128	240358	40.462	ng	99
9) Benzaldehyde	6.25	77	144167	40.186	ng	94
10) Phenol	6.36	94	314197	41.606	ng	81
11) bis(2-Chloroethyl)ether	6.44	93	226372	41.528	ng	98
12) 1,3-Dichlorobenzene	6.65	146	247314	39.402	ng	99
13) 1,4-Dichlorobenzene	6.72	146	250732	39.522	ng	100
14) 1,2-Dichlorobenzene	6.87	146	238351	39.808	ng	98
15) Benzyl Alcohol	6.85	79	192251	41.227	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	317025	40.389	ng	99
17) 2-Methylphenol	6.97	107	193060	41.144	ng	98
18) Hexachloroethane	7.22	117	90593	40.381	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	150563	38.926	ng	98
20) 3+4-Methylphenols	7.12	107	234960	39.467	ng	# 84
22) Acetophenone	7.12	105	316625	38.121	ng	# 95
24) Nitrobenzene	7.29	77	241730	37.757	ng	97
25) Isophorone	7.53	82	437567	36.937	ng	97
26) 2-Nitrophenol	7.61	139	126686	40.839	ng	97
27) 2,4-Dimethylphenol	7.65	122	208520	41.954	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	282654	42.658	ng	99
29) 2,4-Dichlorophenol	7.85	162	197361	38.831	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	212531	37.887	ng	99
31) Naphthalene	8.01	128	675035	37.208	ng	99
32) Benzoic acid	7.78	122	111972	41.782	ng	98
33) 4-Chloroaniline	8.06	127	134601	18.180	ng	99
34) Hexachlorobutadiene	8.13	225	121909	35.918	ng	99
35) Caprolactam	8.43	113	64668m	42.242	ng	
36) 4-Chloro-3-methylphenol	8.56	107	204945	39.522	ng	94
37) 2-Methylnaphthalene	8.70	142	454848	38.099	ng	98
38) 1-Methylnaphthalene	8.80	142	428373	37.896	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	212933	37.528	ng	99

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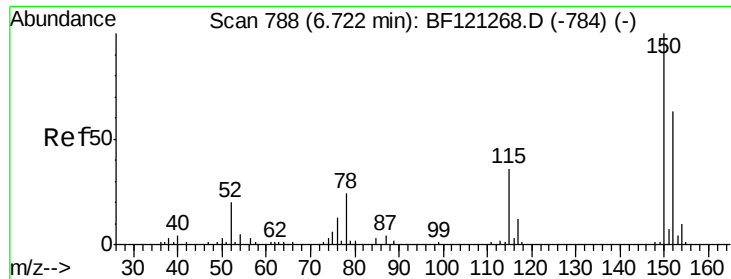
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 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	128218	61.784	nq	98
43) 2,4,6-Trichlorophenol	8.99	196	142247	39.420	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	154357	39.383	nq	98
46) 1,1'-Biphenyl	9.17	154	555790	37.986	nq	100
47) 2-Chloronaphthalene	9.19	162	422416	37.504	nq	99
48) 2-Nitroaniline	9.29	65	130910	41.350	nq	96
49) Acenaphthylene	9.60	152	682754	38.166	nq	100
50) Dimethylphthalate	9.47	163	617564	48.466	nq	100
51) 2,6-Dinitrotoluene	9.53	165	112457	39.592	nq	93
52) Acenaphthene	9.77	154	398684	37.642	nq	98
53) 3-Nitroaniline	9.70	138	73470	22.654	nq	94
54) 2,4-Dinitrophenol	9.82	184	99064	67.695	nq	96
55) Dibenzofuran	9.95	168	611817	36.273	nq	96
56) 4-Nitrophenol	9.87	139	186060	88.898	nq	94
57) 2,4-Dinitrotoluene	9.94	165	147815	39.654	nq	97
58) Fluorene	10.29	166	465540	36.462	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	130105	41.984	nq	99
60) Diethylphthalate	10.17	149	501940	38.737	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	226906	36.540	nq	95
62) 4-Nitroaniline	10.31	138	122513	37.677	nq	100
63) Azobenzene	10.45	77	483712	37.361	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	74687	37.334	nq	95
66) n-Nitrosodiphenylamine	10.40	169	430168	37.287	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	150085	38.242	nq	94
68) Hexachlorobenzene	10.84	284	170275	38.047	nq	96
69) Atrazine	10.93	200	120729	34.986	nq	97
70) Pentachlorophenol	11.03	266	182946	90.877	nq	97
71) Phenanthrene	11.25	178	760145	39.491	nq	100
72) Anthracene	11.30	178	751074	38.884	nq	99
73) Carbazole	11.46	167	705514	37.347	nq	100
74) Di-n-butylphthalate	11.79	149	851585	39.938	nq	100
75) Fluoranthene	12.43	202	924885	43.152	nq	100
77) Benzidine	12.56	184	388822	51.299	nq	99
78) Pyrene	12.66	202	923927	43.033	nq	99
80) Butylbenzylphthalate	13.29	149	385009	43.900	nq	98
81) Benzo(a)anthracene	13.85	228	760042	38.866	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	234200	30.186	nq	99
83) Chrysene	13.89	228	786521	39.394	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	483988	40.038	nq	# 98
85) Di-n-octyl phthalate	14.46	149	940569	42.438	nq	100
87) Indeno(1,2,3-cd)pyrene	16.63	276	769058	37.042	nq	100
88) Benzo(b)fluoranthene	14.87	252	822951	43.983	nq	99
89) Benzo(k)fluoranthene	14.90	252	648734	37.337	nq	99
90) Benzo(a)pyrene	15.21	252	664277	39.335	nq	98
91) Dibenzo(a,h)anthracene	16.65	278	634008	35.639	nq	99
92) Benzo(g,h,i)perylene	17.04	276	667174	38.003	nq	99

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



#1

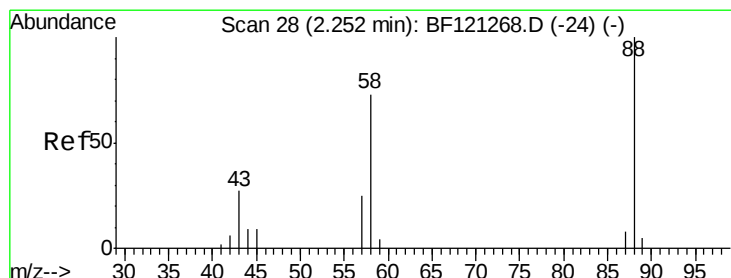
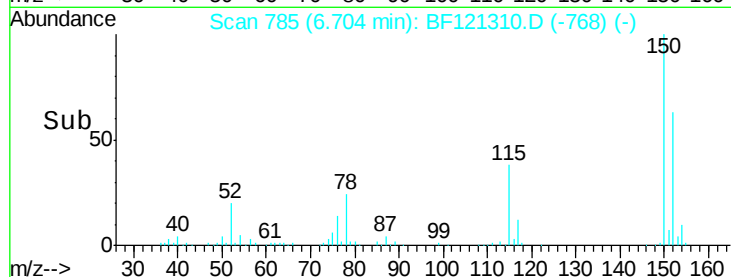
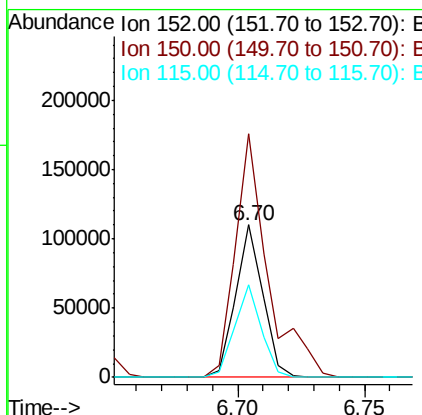
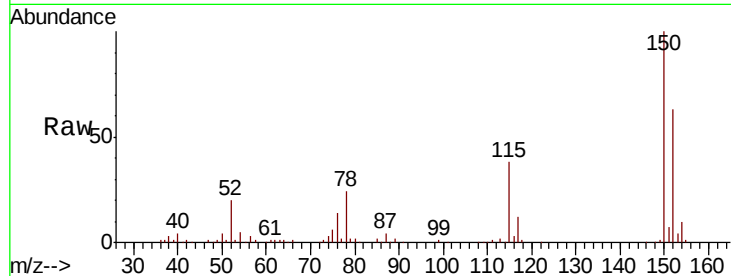
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.9	185.9
115	60.8	47.3	70.9

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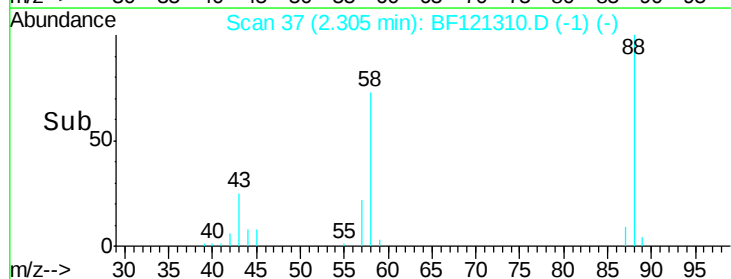
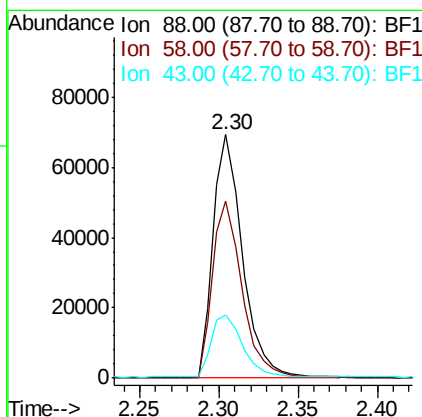
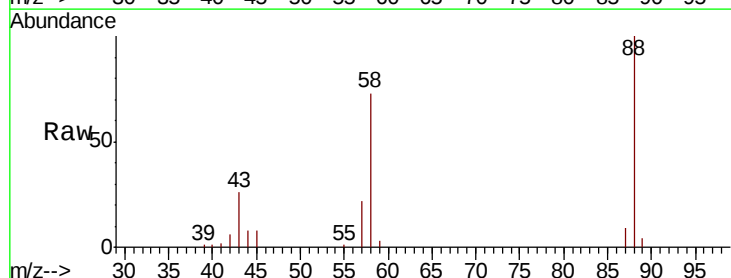
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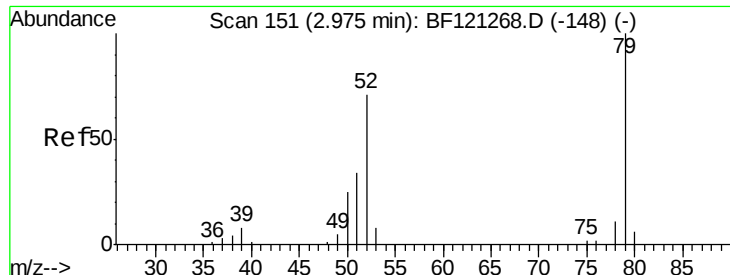


#2

1,4-Dioxane
Concen: 39.146 ng
RT: 2.30 min Scan# 37
Delta R.T. 0.04 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	57.8	86.8
43	27.7	22.2	33.2





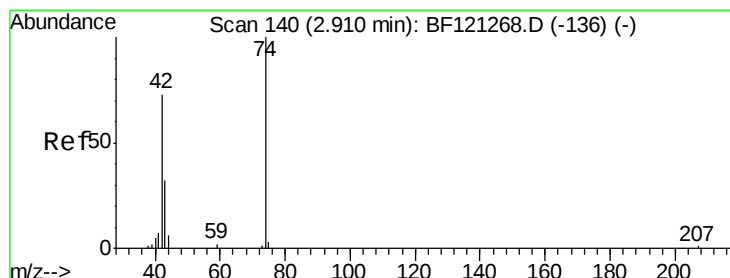
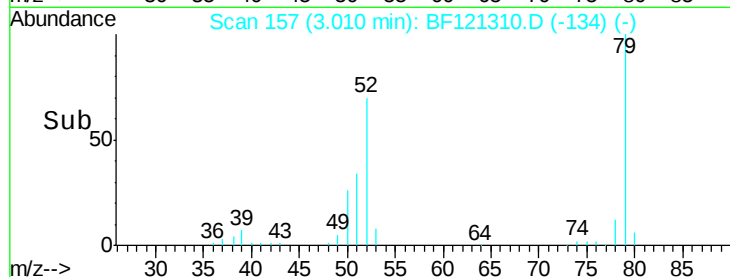
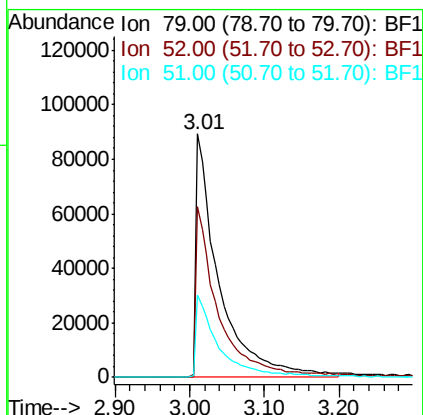
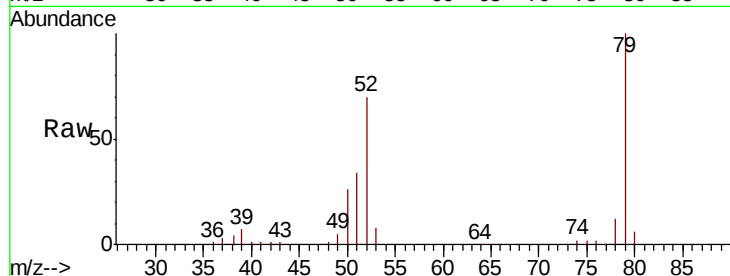
#3
 Pvridine
 Concen: 32.118 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.04 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion:	79	Resp:	192208
Ion Ratio	Lower	Upper	
79	100		
52	70.2	56.9	85.3
51	33.8	26.3	39.5

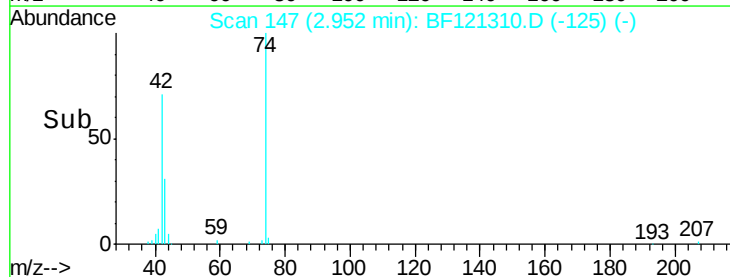
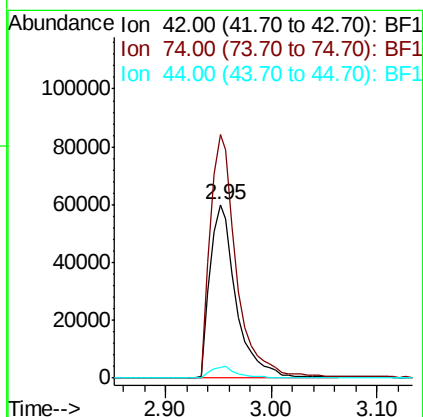
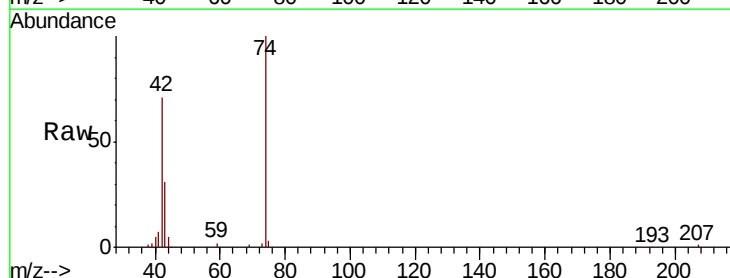
Manual Integrations
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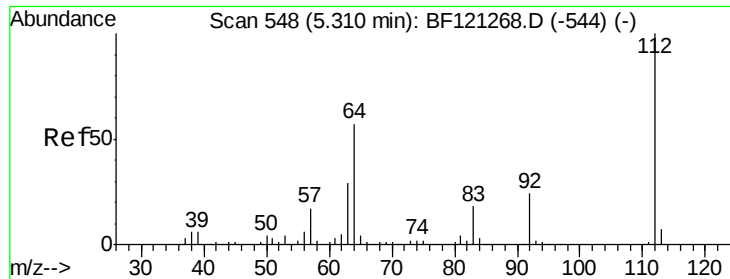
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#4
 n-Nitrosodimethylamine
 Concen: 42.842 ng
 RT: 2.95 min Scan# 147
 Delta R.T. 0.03 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:	42	Resp:	105005
Ion Ratio	Lower	Upper	
42	100		
74	140.3	115.8	173.8
44	6.4	5.7	8.5





#5

2-Fluorophenol

Concen: 76.782 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

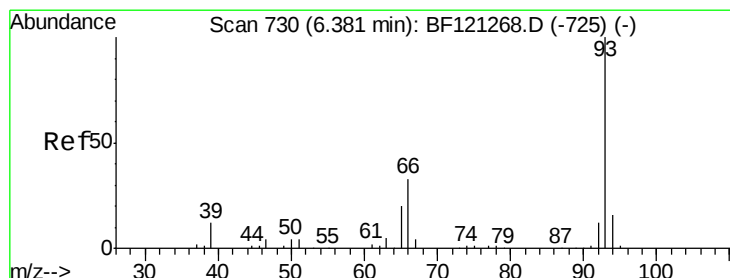
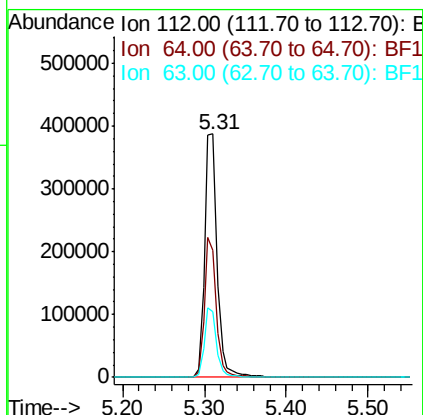
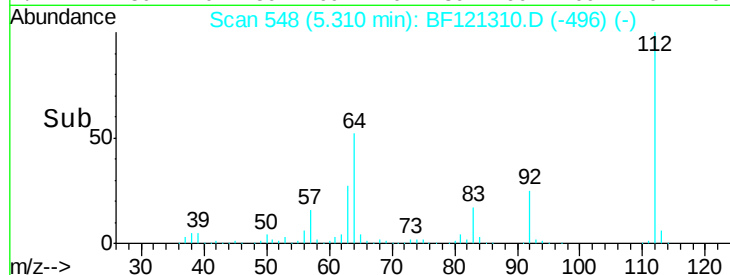
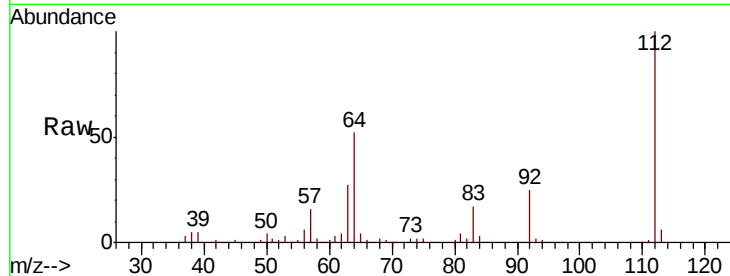
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	414795		
64	52.4	42.9	64.3	
63	26.8	22.2	33.2	

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#6

Aniline

Concen: 26.524 ng

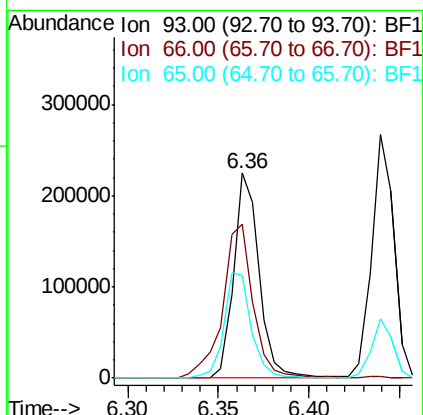
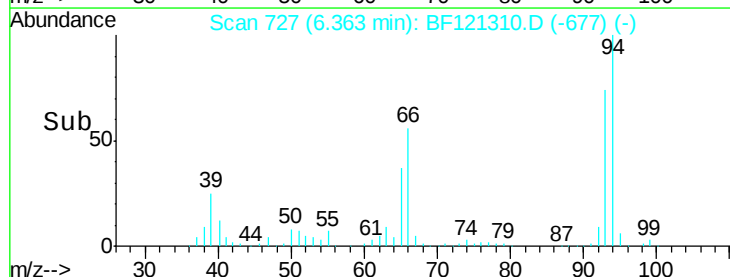
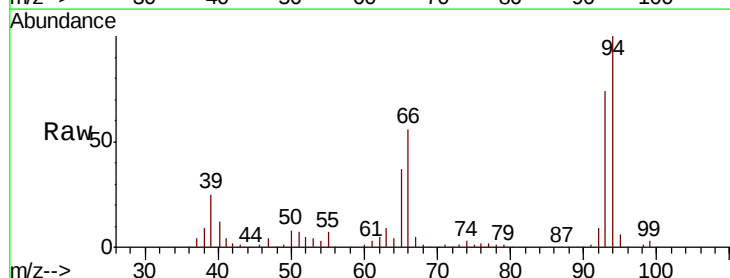
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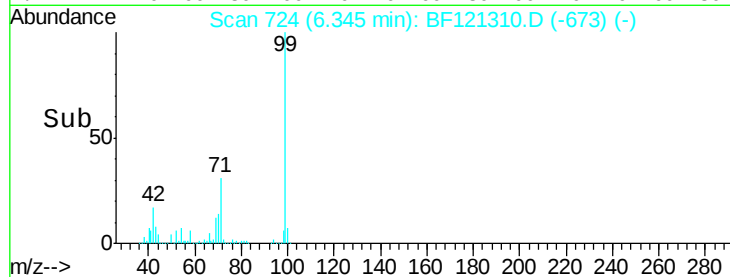
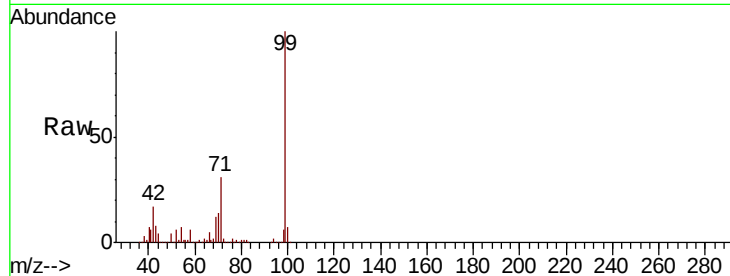
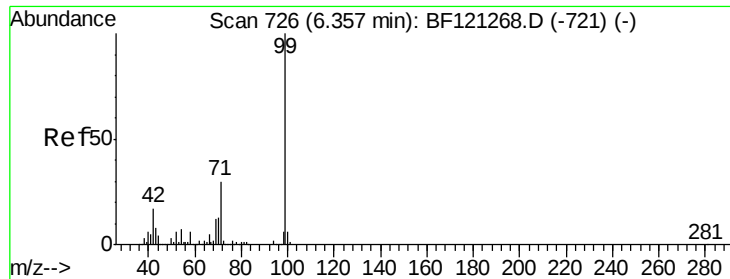
Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	218888		
66	75.1	32.2	48.4#	
65	50.1	18.2	27.4#	





#7

Phenol-d6

Concen: 72.710 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tot Ion:	99	Resp:	506170
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.8
71	30.9	24.8	37.2

Instrument :

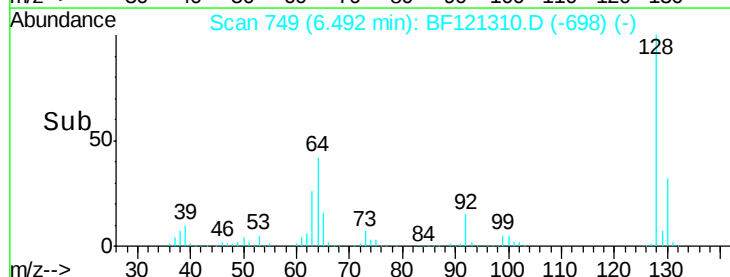
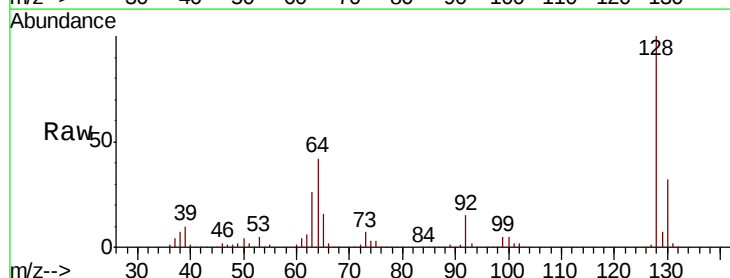
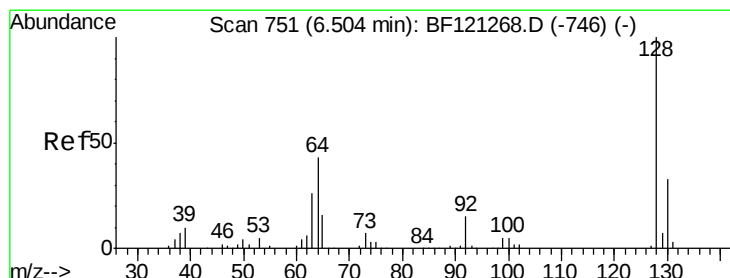
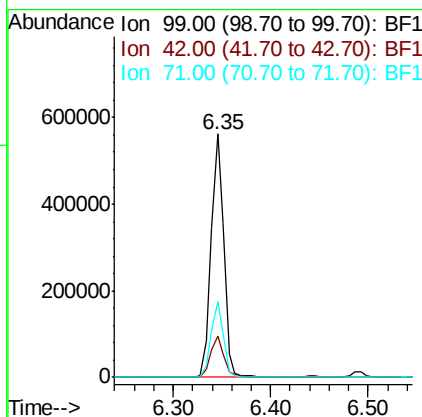
BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.462 ng

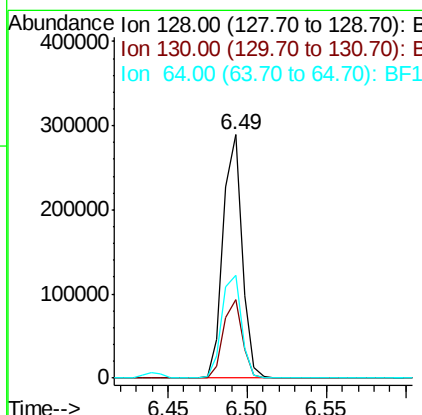
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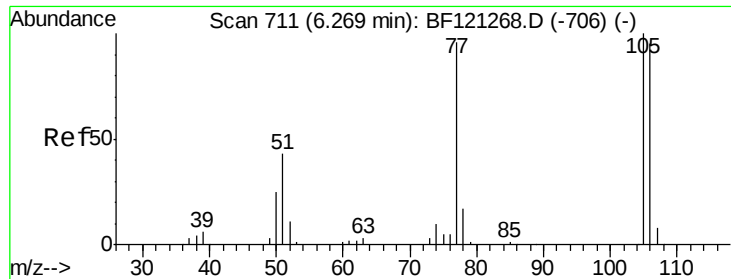
Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:	128	Resp:	240358
Ion Ratio	Lower	Upper	
128	100		
130	32.5	11.9	51.9
64	42.2	22.5	62.5





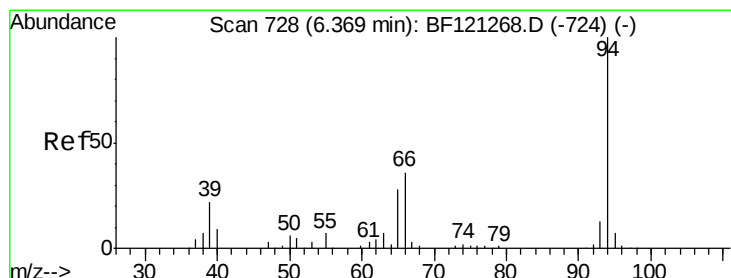
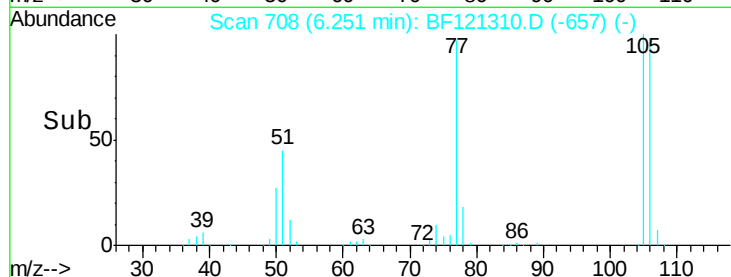
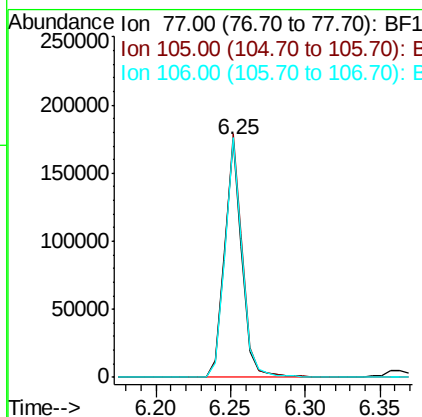
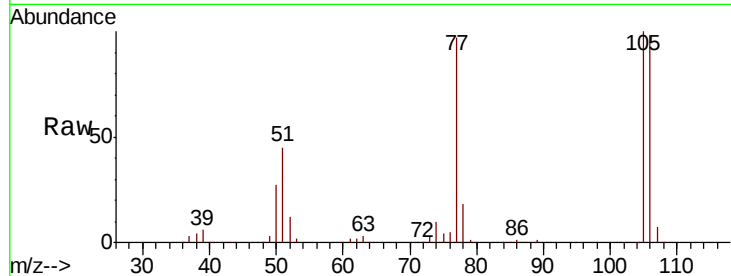
#9
Benzaldehyde
Concen: 40.186 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	77.6	117.6
106	100.9	74.9	114.9

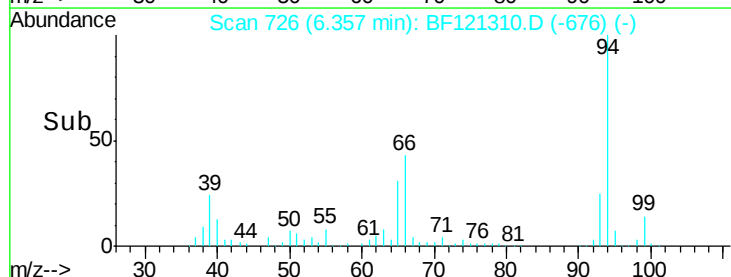
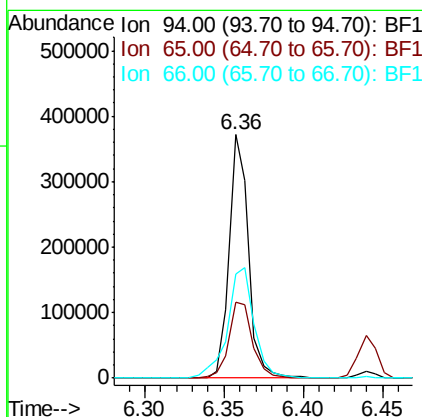
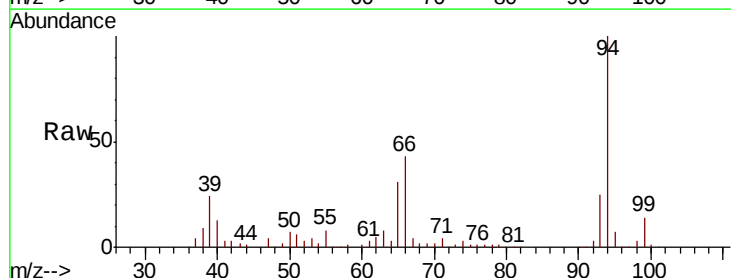
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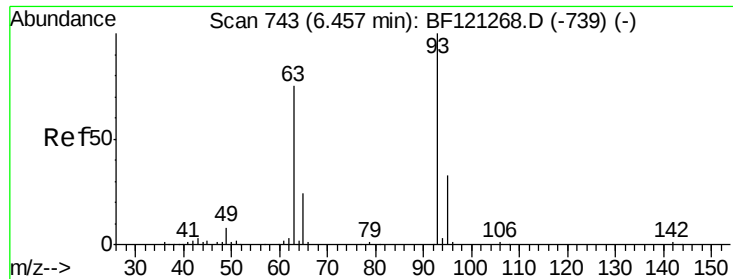
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8/18/2020 1:50:13 PM



#10
Phenol
Concen: 41.606 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	19.2	59.2
66	42.5	39.6	79.6





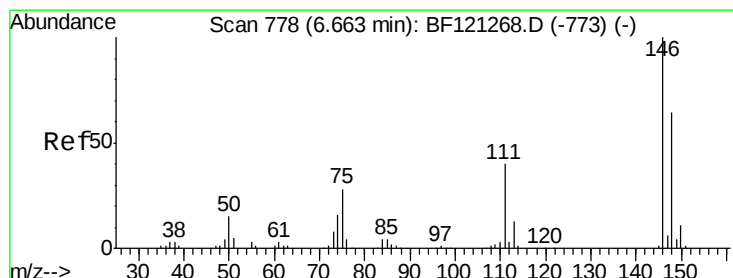
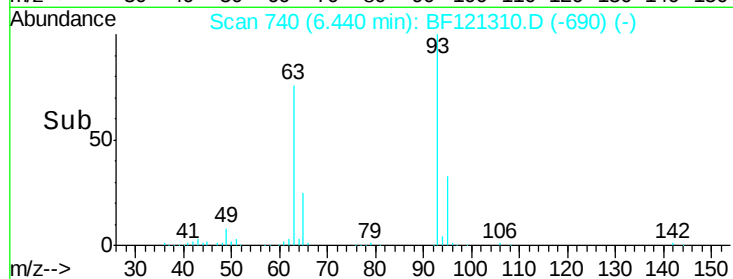
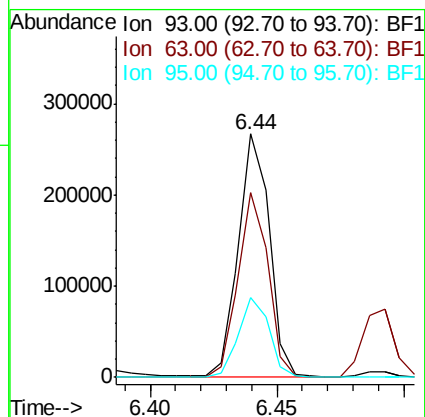
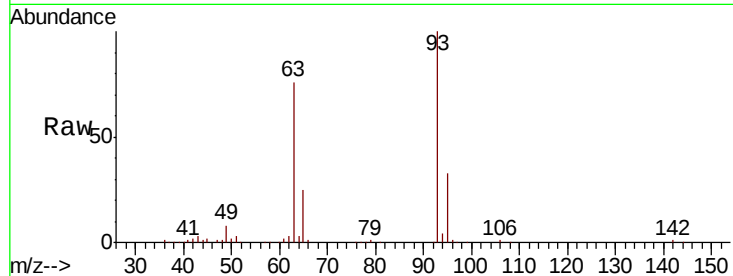
#11
bis(2-Chloroethyl)ether
Concen: 41.528 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		226372		
63	75.7	53.9	93.9		
95	33.0	12.4	52.4		

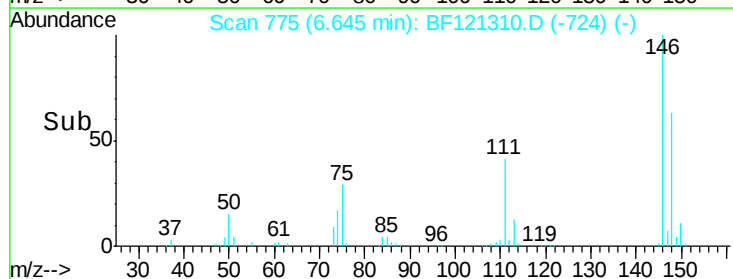
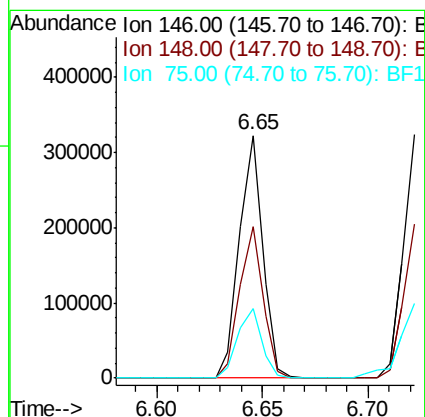
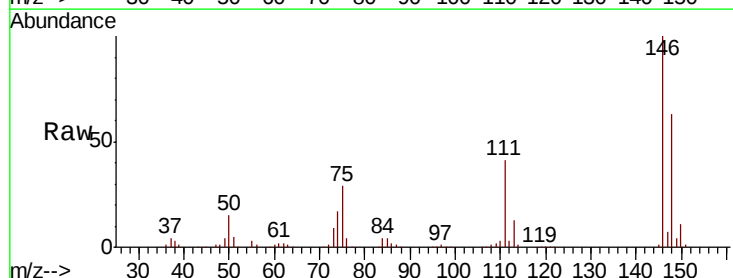
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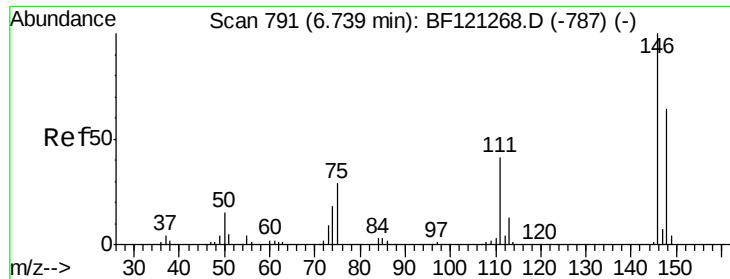
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.402 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		247314		
148	62.7	50.8	76.2		
75	28.9	24.1	36.1		





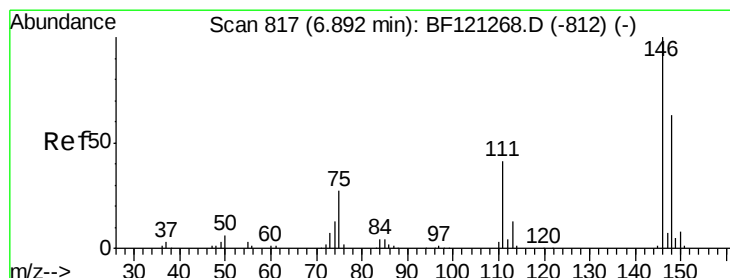
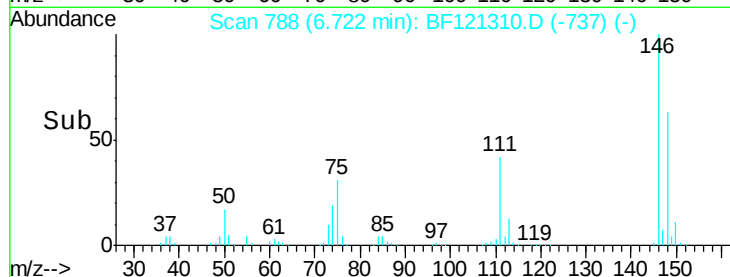
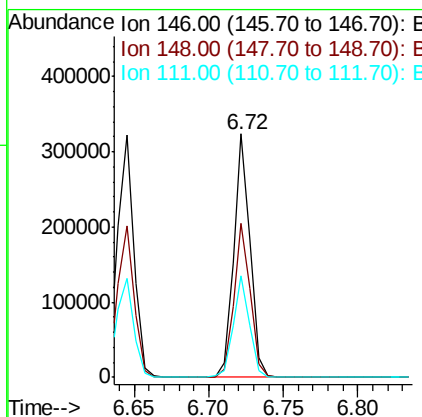
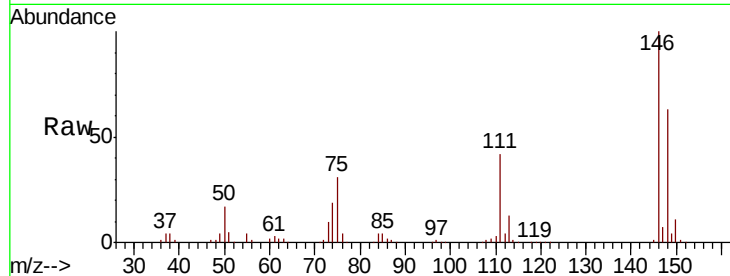
#13
 1,4-Dichlorobenzene
 Concen: 39.522 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	41.6	33.0	49.6

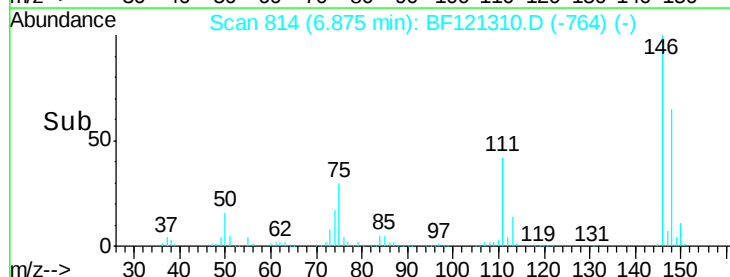
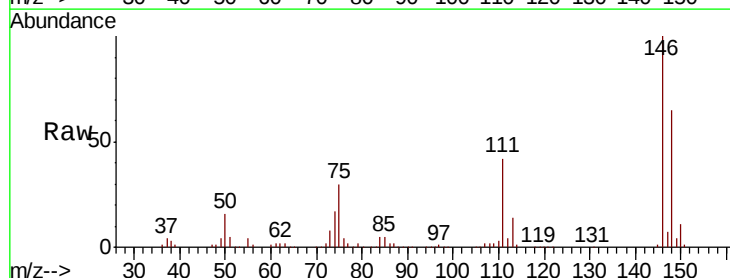
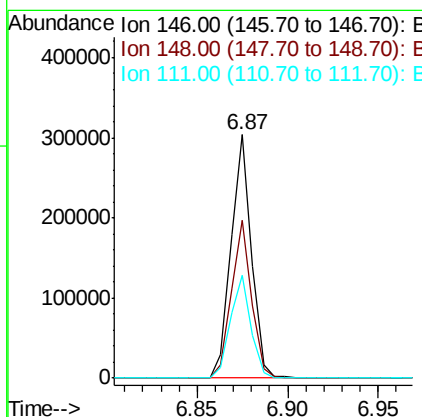
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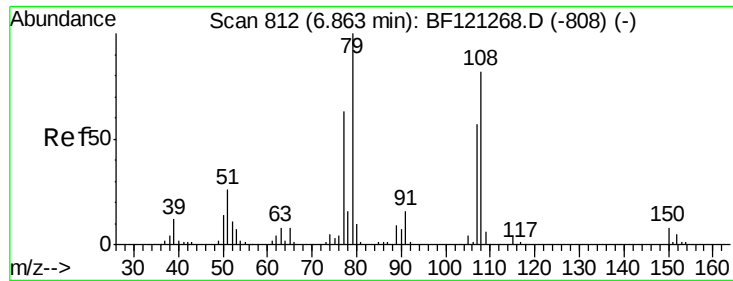
mohammad
 8/18/2020 1:50:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.808 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
111	42.5	32.3	48.5





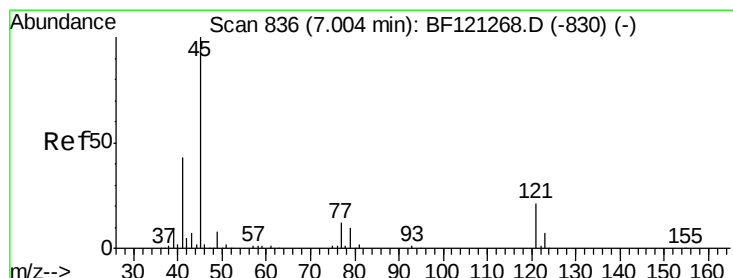
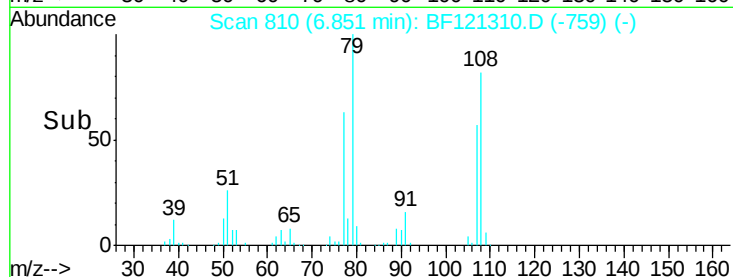
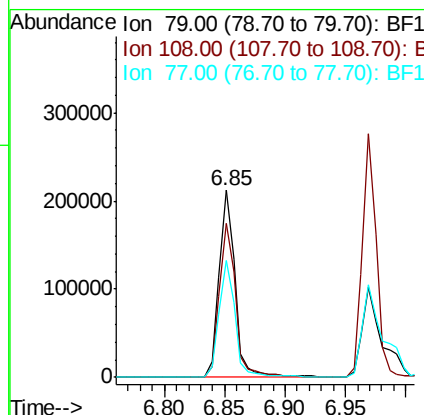
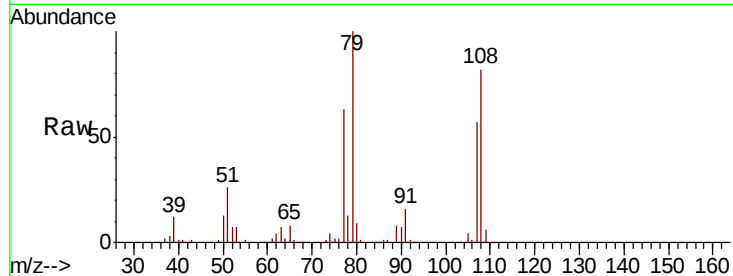
#15
Benzyl Alcohol
Concen: 41.227 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.2	66.3	99.5	
77	62.8	50.0	75.0	

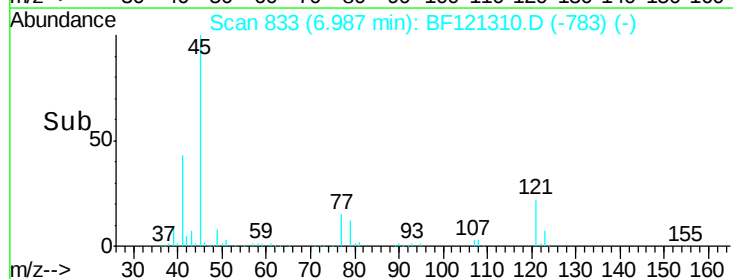
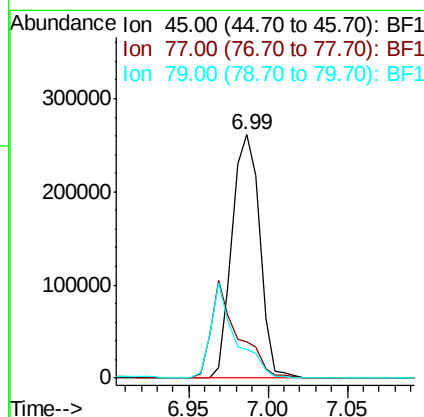
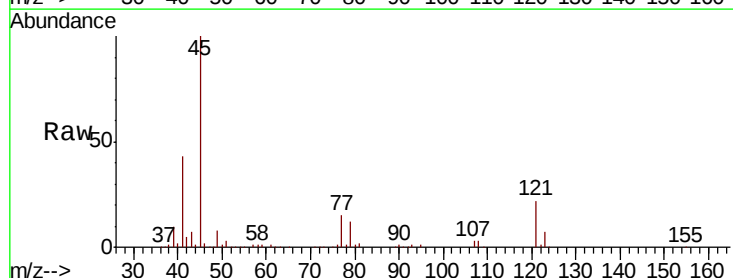
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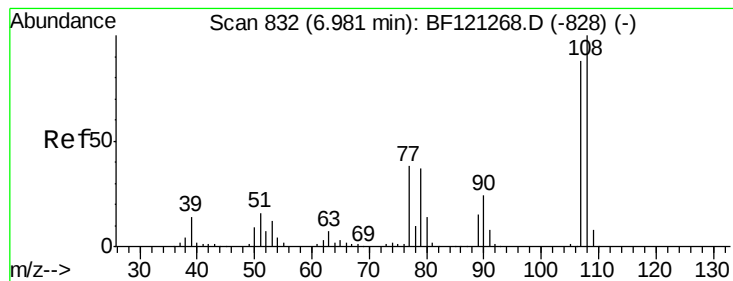
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.389 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.7	0.0	34.4	
79	11.7	0.0	31.5	





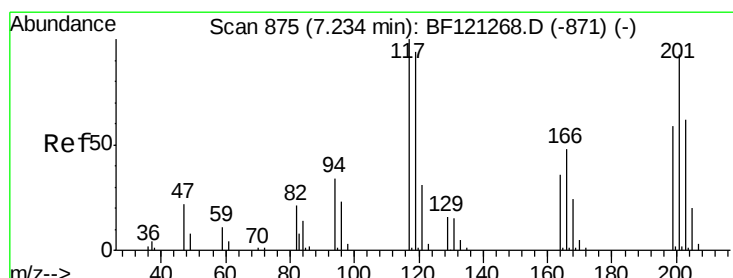
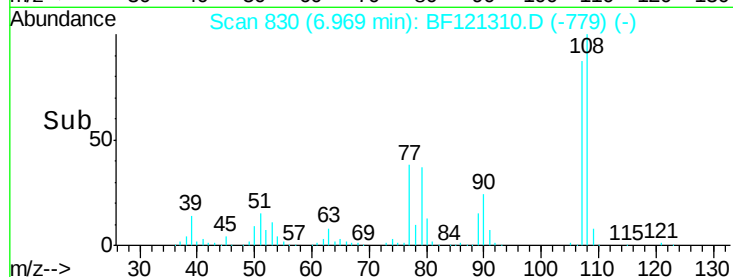
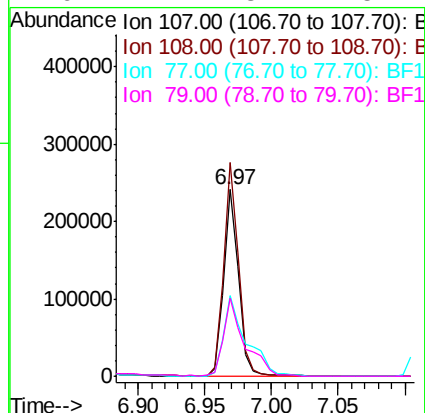
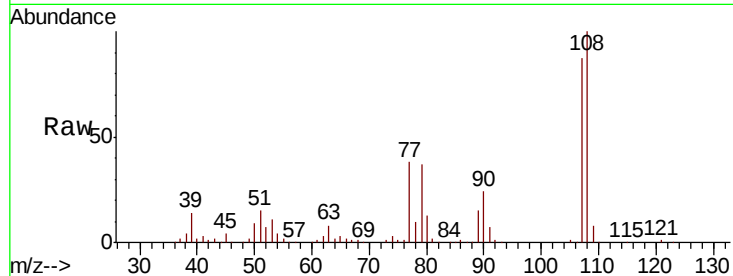
#17
2-Methylphenol
Concen: 41.144 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.4	140.0	
77	43.5	35.7	53.5	
79	42.2	34.1	51.1	

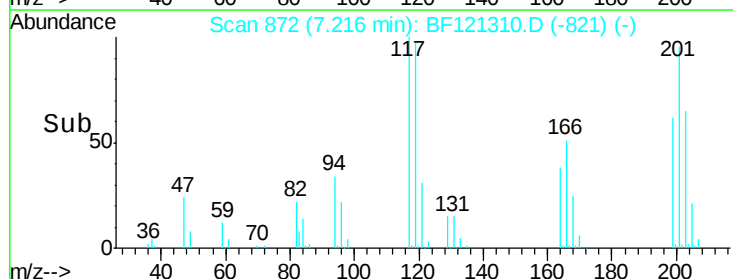
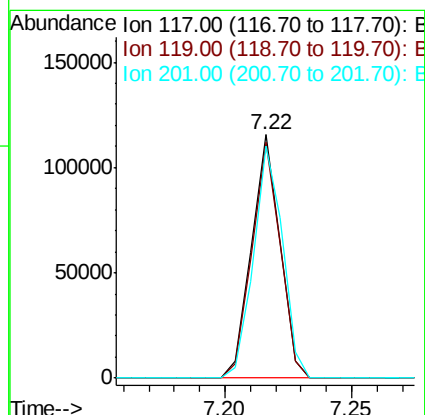
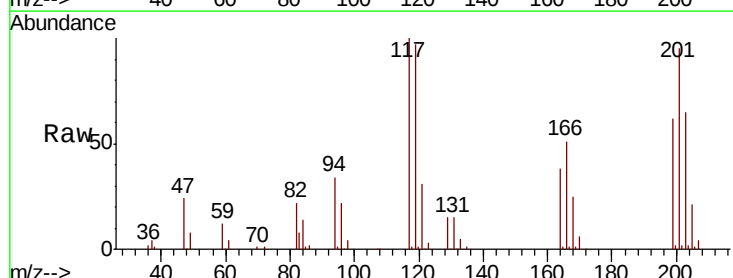
Manual Integrations
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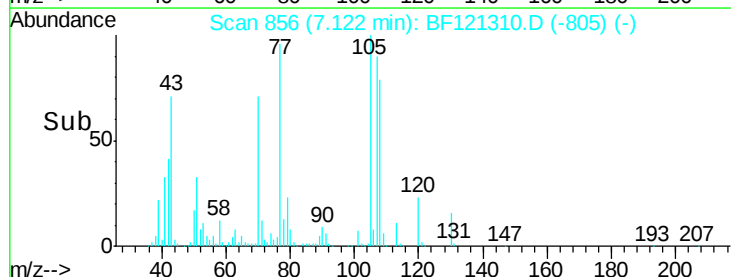
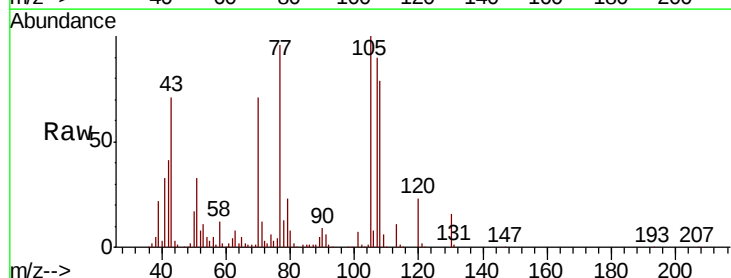
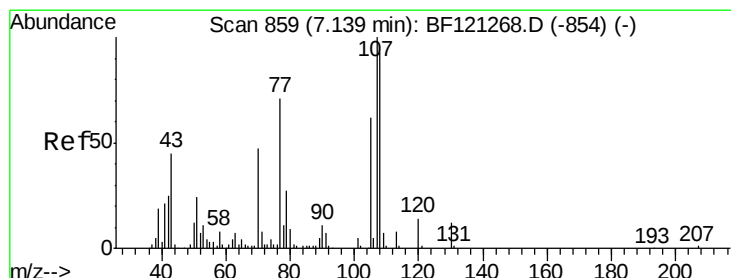
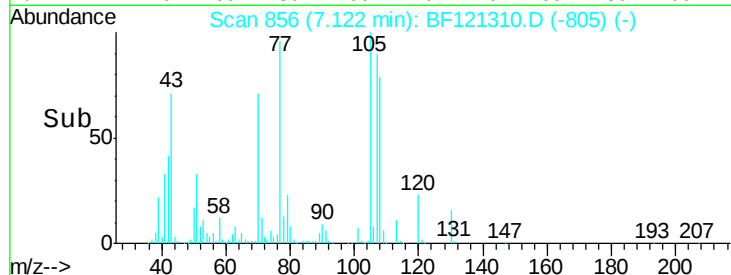
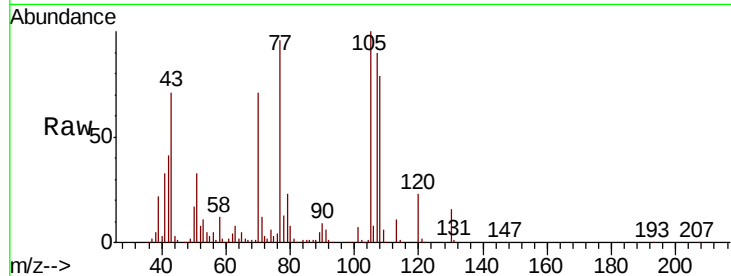
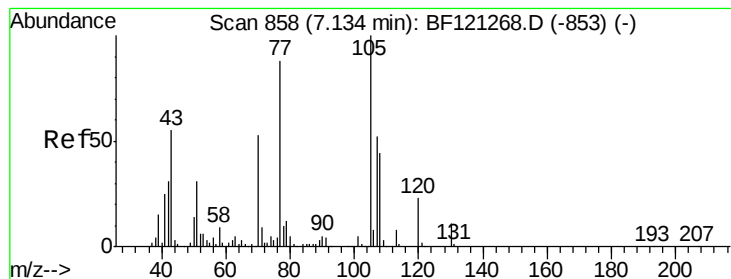
mohammad
8/18/2020 1:50:13 PM



#18
Hexachloroethane
Concen: 40.381 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	74.6	112.0	
201	95.4	69.8	104.8	





#19

n-Nitroso-di-n-propylamine

Concen: 38.926 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion: 70 Resp: 150563

Ion Ratio Lower Upper

70 100

42 57.2 47.0 70.6

101 10.1 7.6 11.4

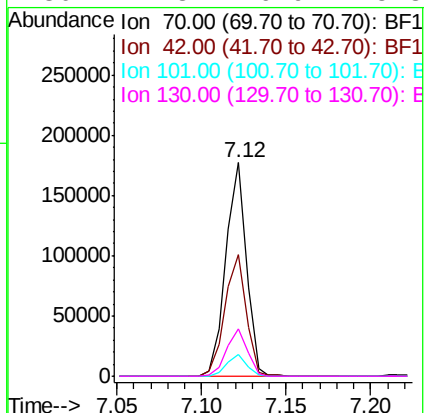
130 22.3 16.9 25.3

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#20

3+4-Methylphenols

Concen: 39.467 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion: 107 Resp: 234960

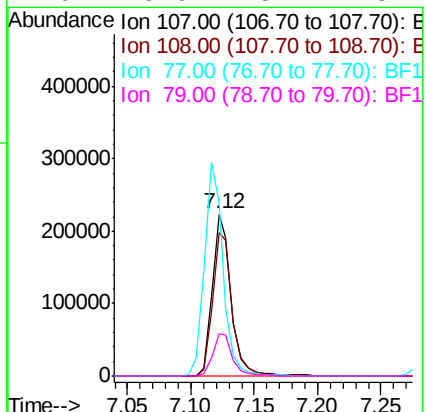
Ion Ratio Lower Upper

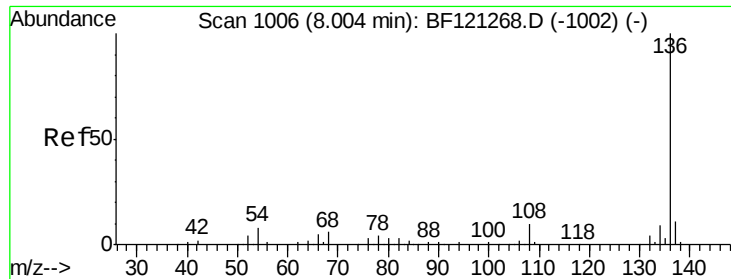
107 100

108 88.5 66.3 106.3

77 106.7 119.8 159.8#

79 25.9 5.1 45.1





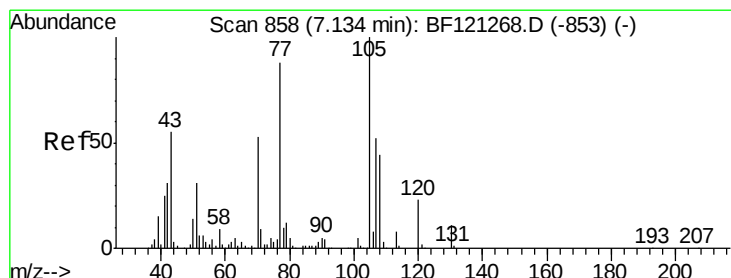
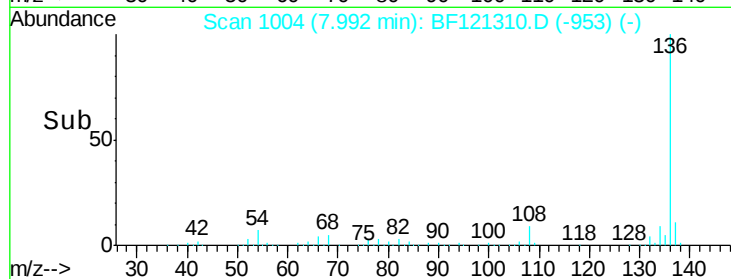
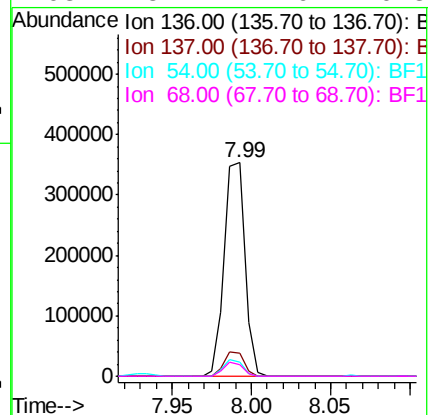
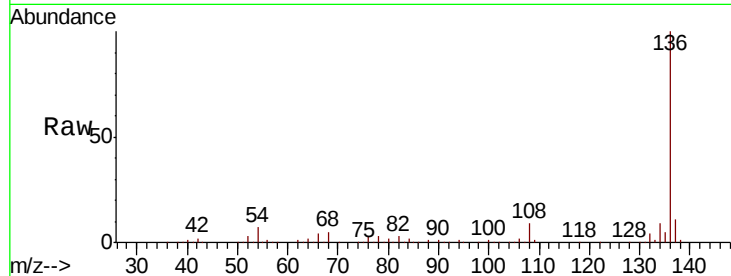
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	322471		
137	10.7	8.6	13.0	
54	6.8	5.4	8.2	
68	5.4	4.6	6.8	

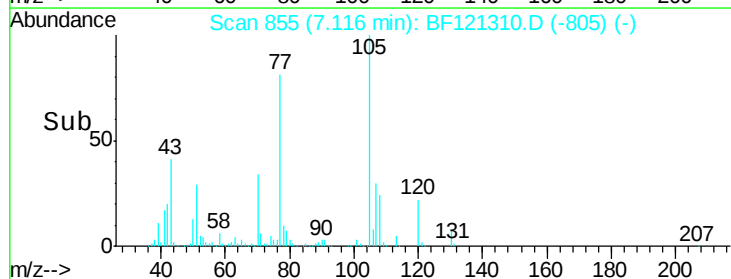
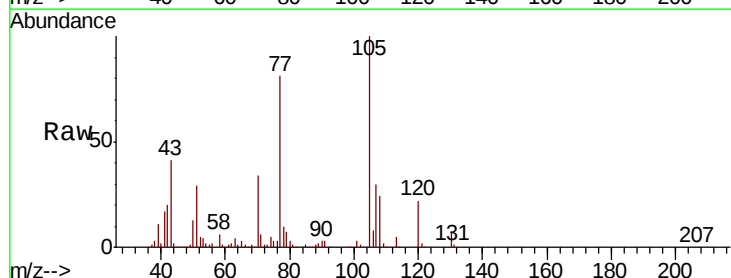
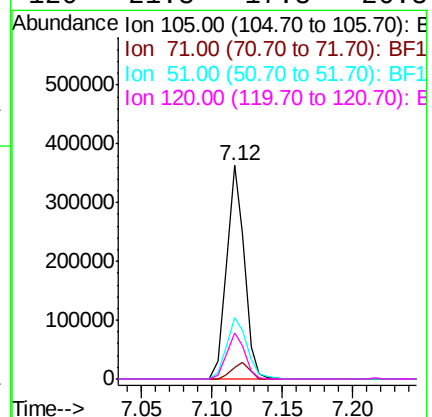
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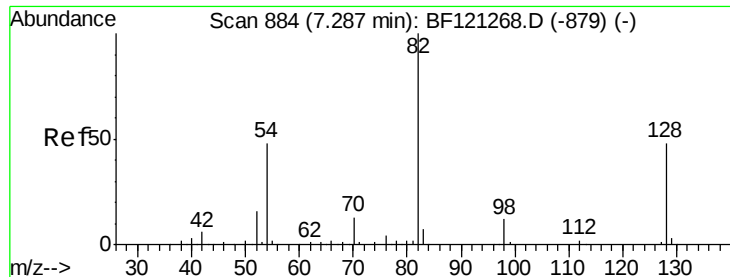
mohammad
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#22
Acetophenone
Concen: 38.121 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	316625		
71	5.6	7.1	10.7#	
51	29.0	25.9	38.9	
120	21.8	17.8	26.8	





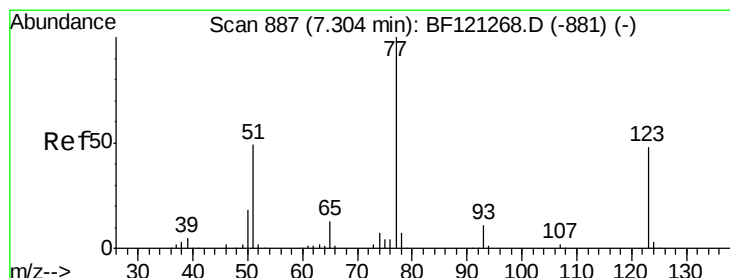
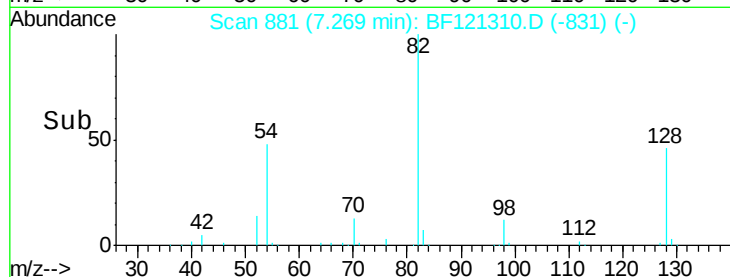
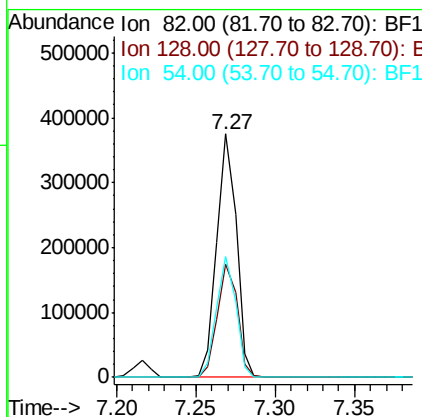
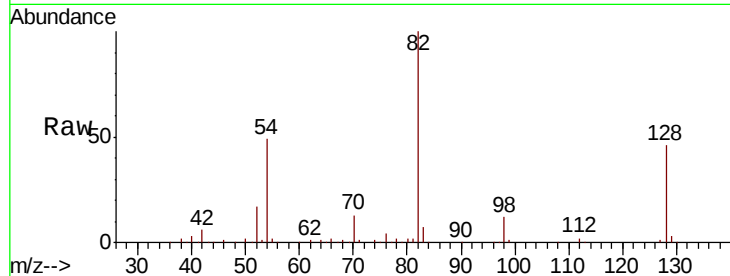
#23
 Nitrobenzene-d5
 Concen: 54.994 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion:	82	Resp:	324484
Ion Ratio	Lower	Upper	
82	100		
128	46.4	38.2	57.2
54	49.4	38.2	57.4

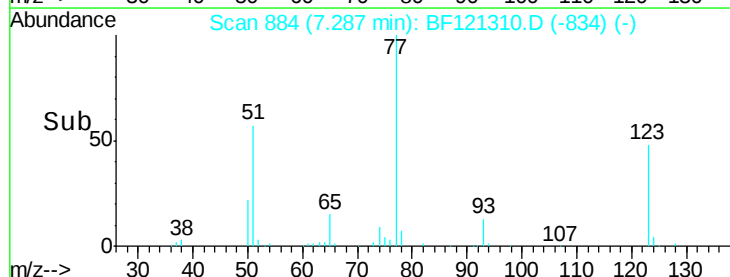
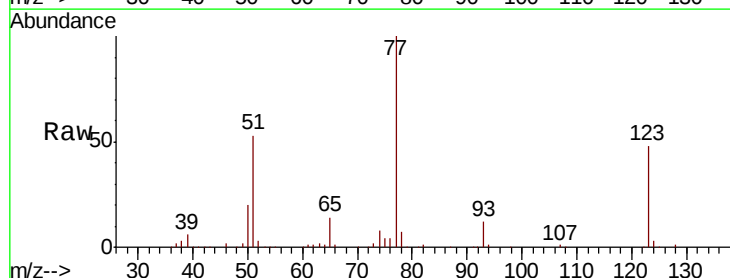
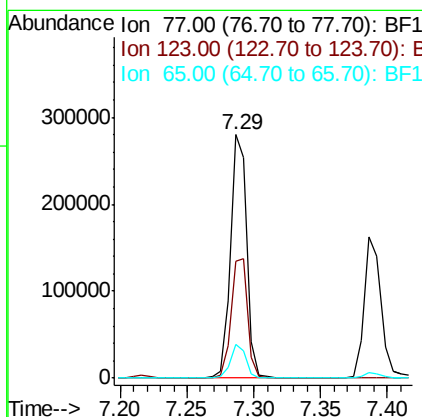
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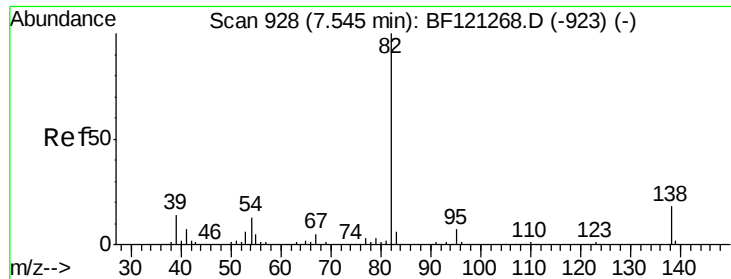
mohammad
 8/18/2020 1:50:13 PM



#24
 Nitrobenzene
 Concen: 37.757 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:	77	Resp:	241730
Ion Ratio	Lower	Upper	
77	100		
123	48.1	40.3	60.5
65	13.6	10.2	15.4





#25

Isophorone

Concen: 36.937 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

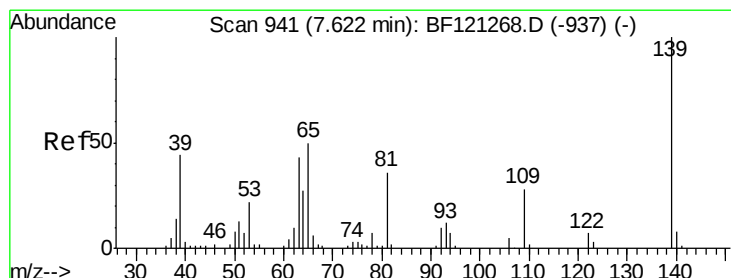
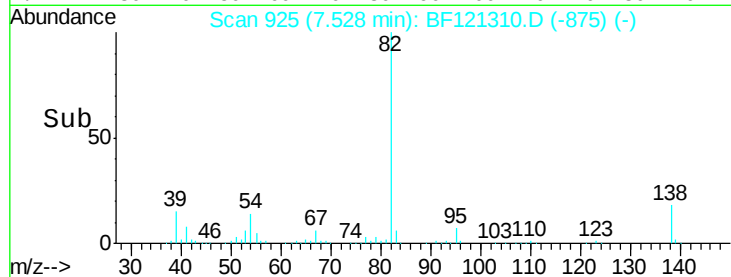
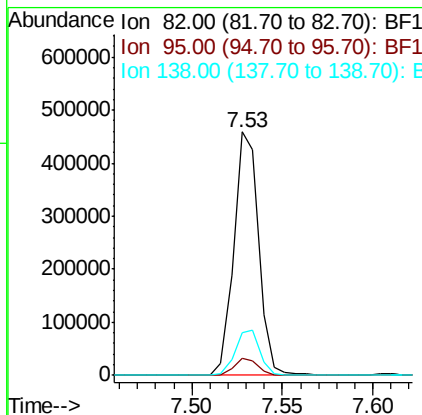
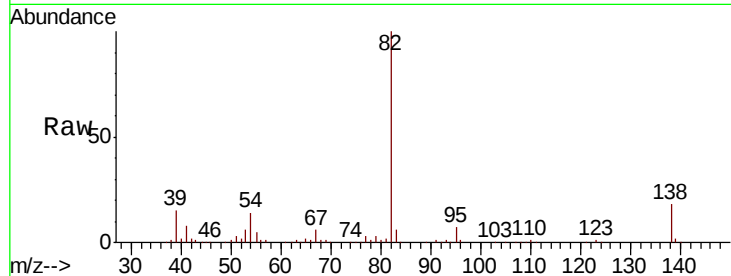
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:	82	Resp:	437567
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	17.6	15.6	23.4

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#26

2-Nitrophenol

Concen: 40.839 ng

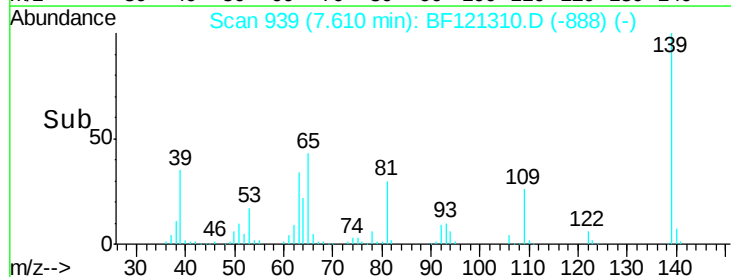
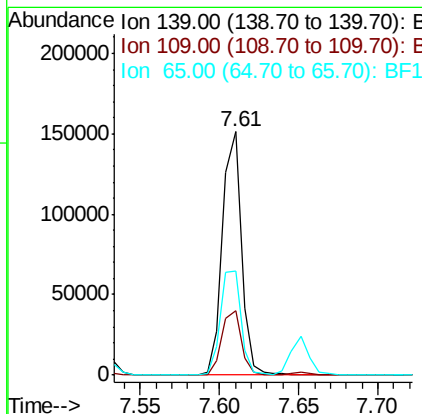
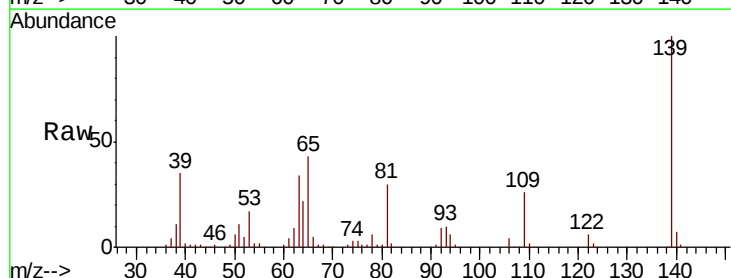
RT: 7.61 min Scan# 939

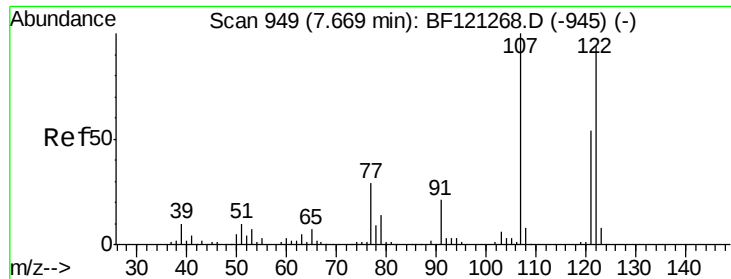
Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:	139	Resp:	126686
Ion Ratio	Lower	Upper	
139	100		
109	26.2	20.8	31.2
65	42.7	36.4	54.6





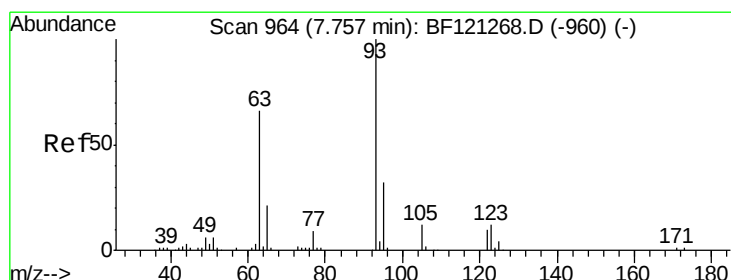
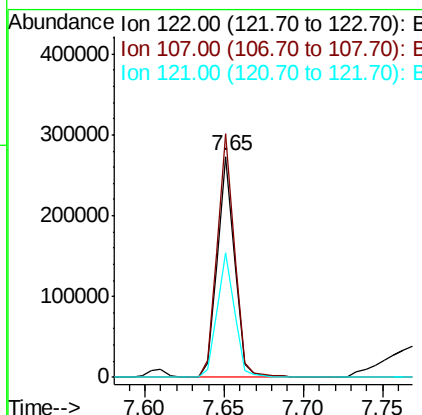
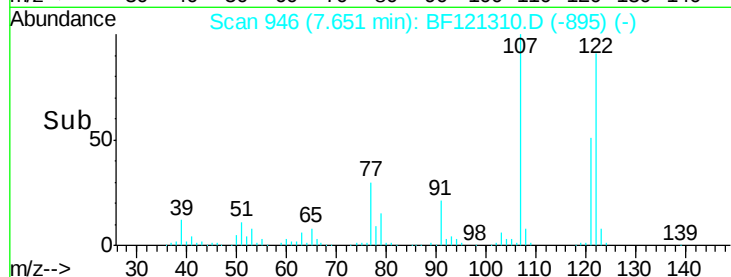
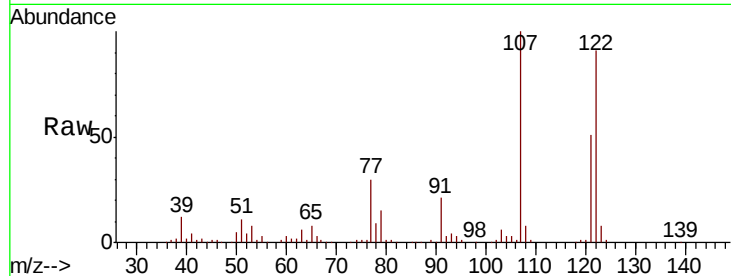
#27
2,4-Dimethylphenol
Concen: 41.954 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	208520		
107	110.4	87.2	130.8	
121	56.8	45.7	68.5	

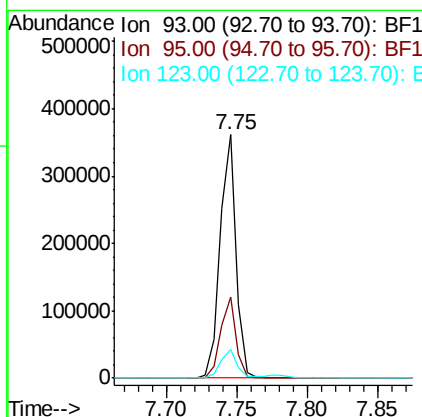
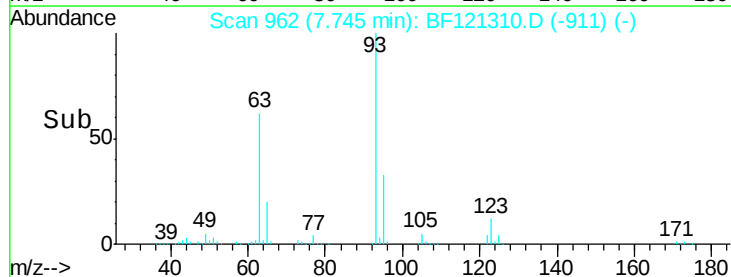
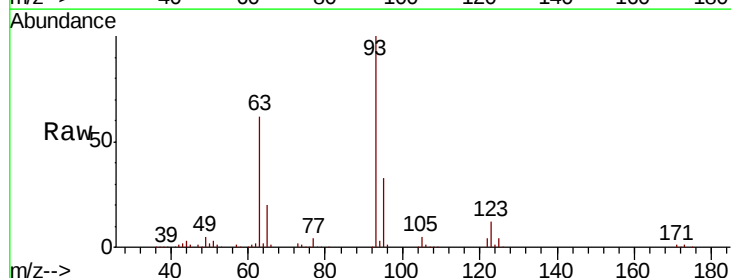
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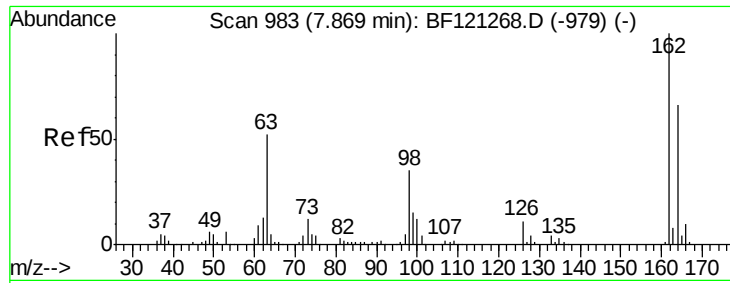
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.658 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	282654		
95	33.1	26.7	40.1	
123	11.6	9.1	13.7	





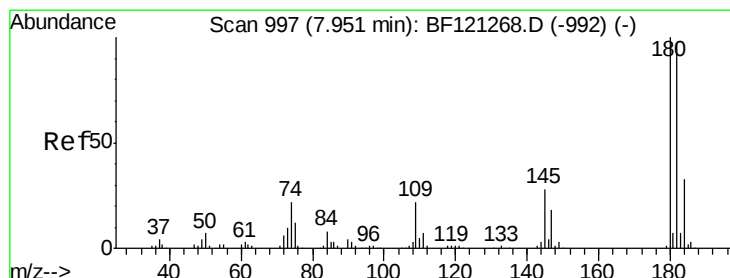
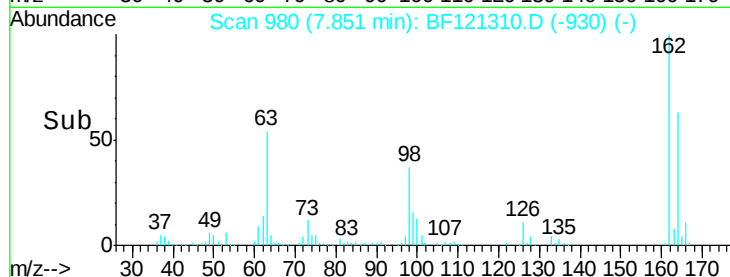
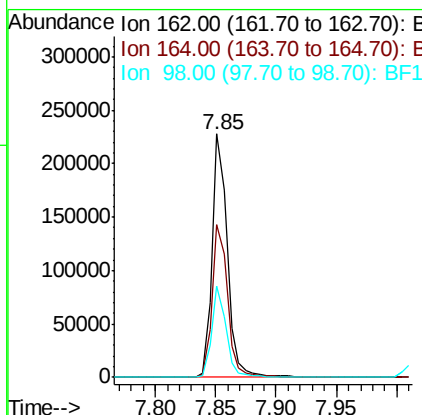
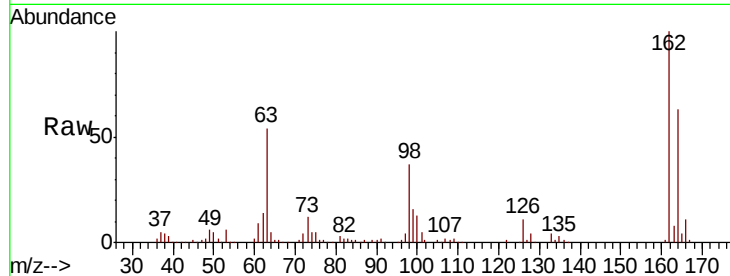
#29
2,4-Dichlorophenol
Concen: 38.831 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		197361		
164	62.6	45.0	85.0		
98	37.5	13.7	53.7		

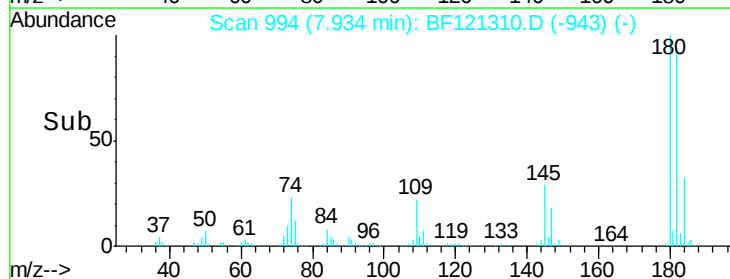
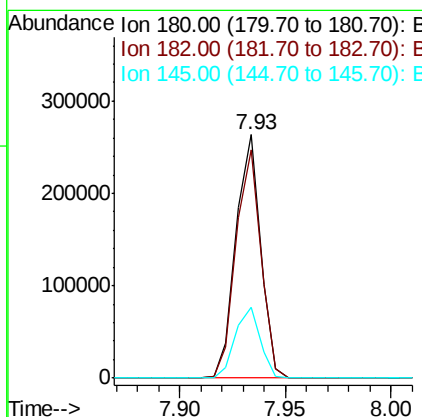
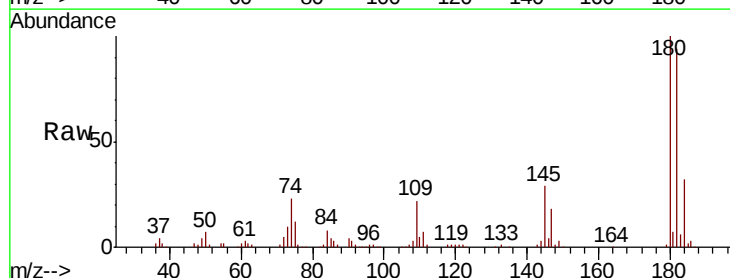
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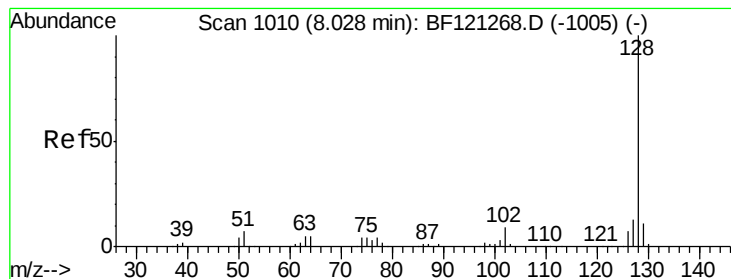
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.887 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		212531		
182	94.0	75.8	113.6		
145	28.9	23.4	35.0		





#31

Naphthalene

Concen: 37.208 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

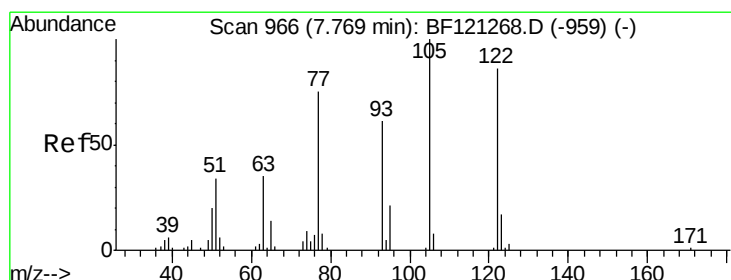
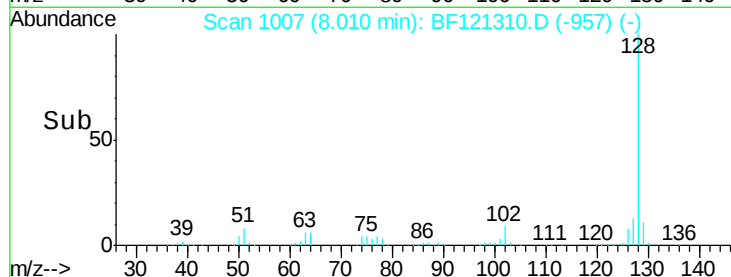
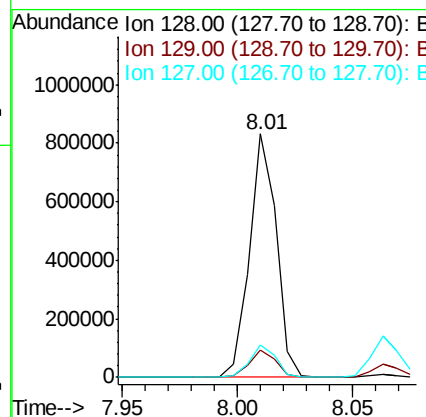
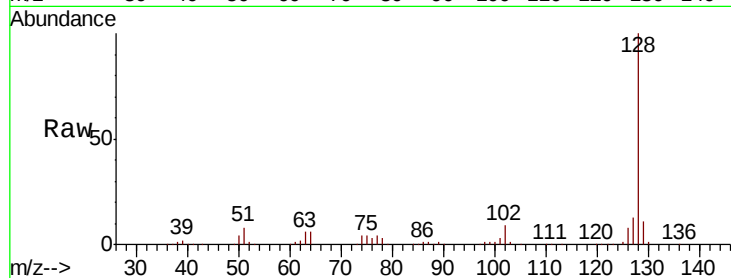
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:	128	Resp:	675035
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.5	10.6	15.8

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#32

Benzoic acid

Concen: 41.782 ng

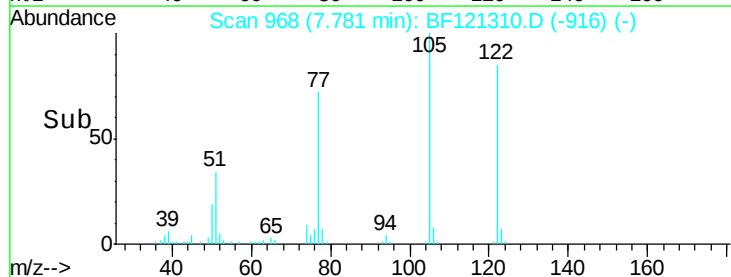
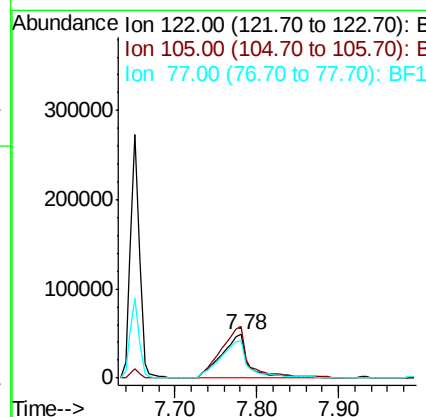
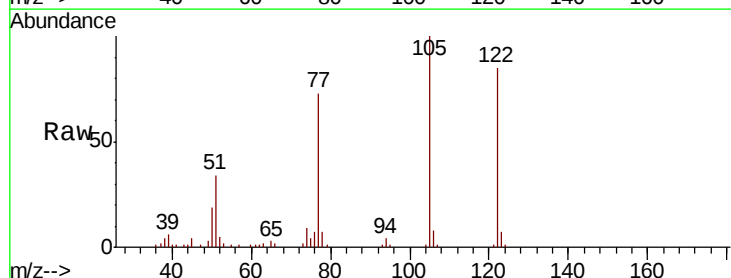
RT: 7.78 min Scan# 968

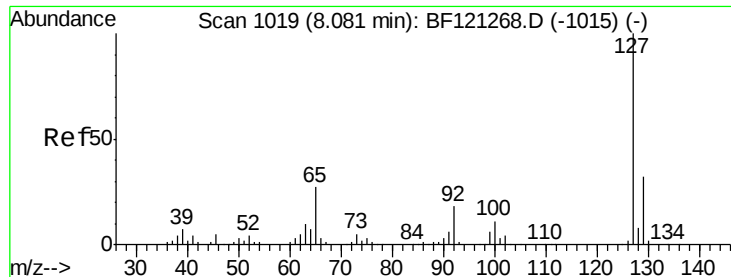
Delta R.T. 0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:	122	Resp:	111972
Ion Ratio	Lower	Upper	
122	100		
105	118.0	101.1	141.1
77	86.2	67.8	107.8





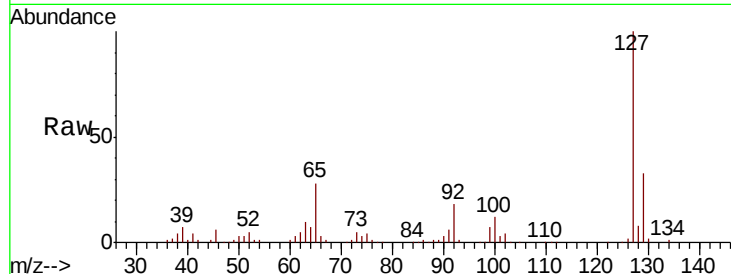
#33
4-Chloroaniline
Concen: 18.180 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

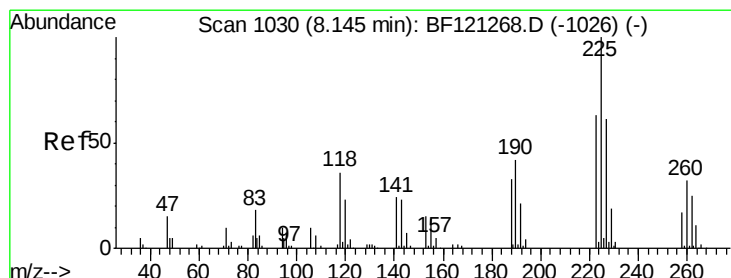
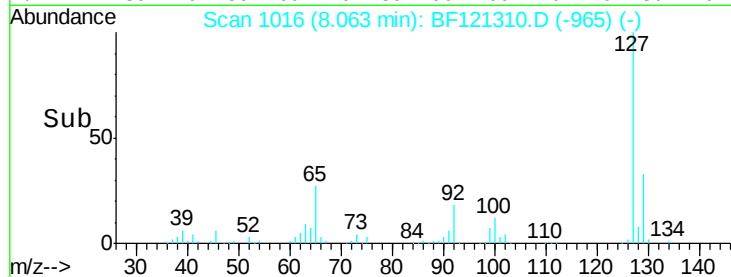
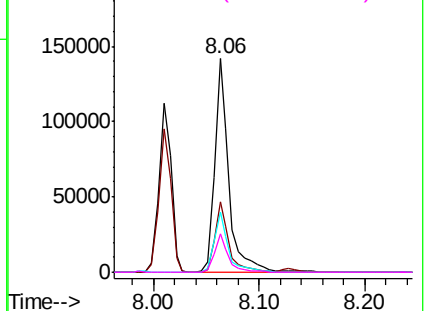
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		134601		
129	33.2	25.7	38.5		
65	28.4	22.9	34.3		
92	18.1	15.0	22.4		

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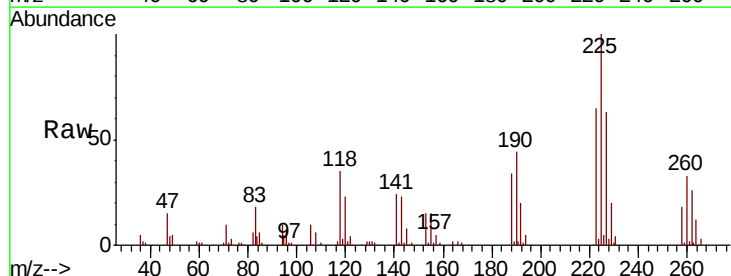


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

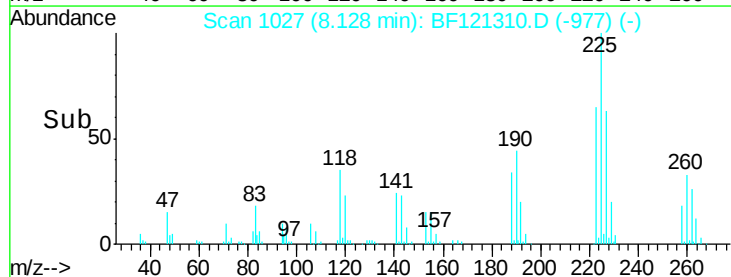
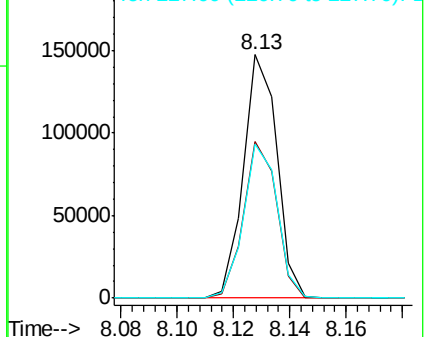


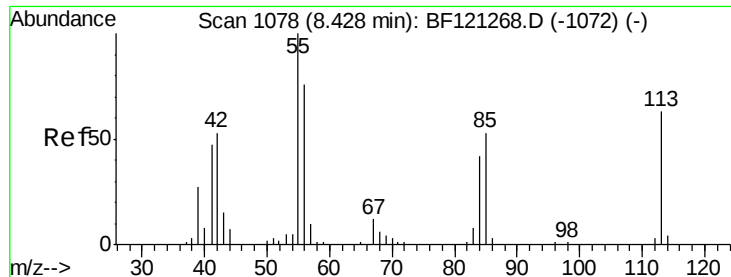
#34
Hexachlorobutadiene
Concen: 35.918 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		121909		
223	64.5	51.0	76.4		
227	63.2	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.242 ng/mL

RT: 8.43 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

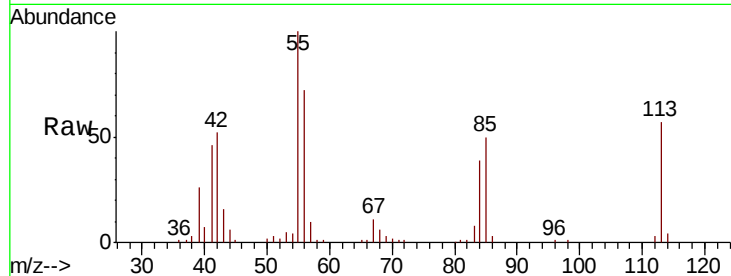
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

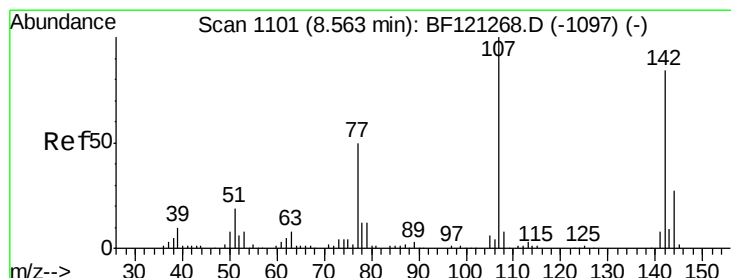
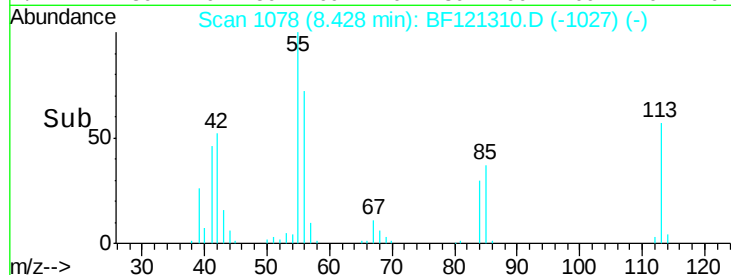
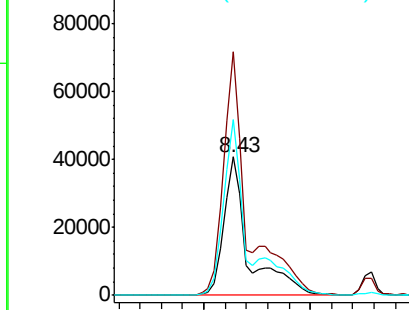
Tot Ion:	113	Resp:	64668
Ion	Ratio	Lower	Upper
113	100		
55	176.0	146.1	186.1
56	127.0	103.3	143.3

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.522 ng/mL

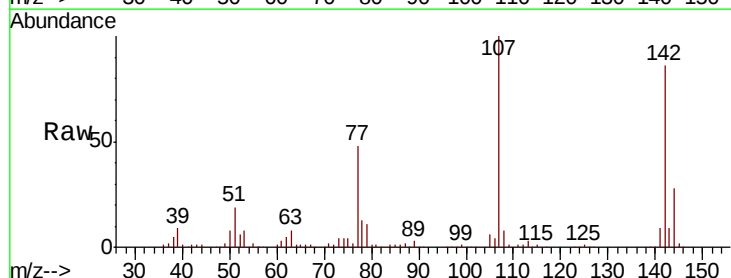
RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

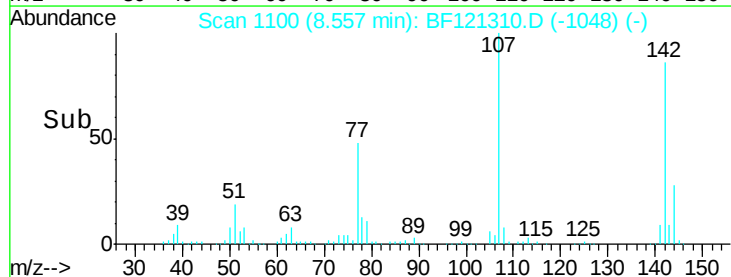
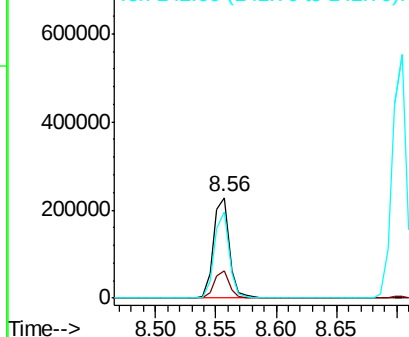
Lab File: BF121310.D

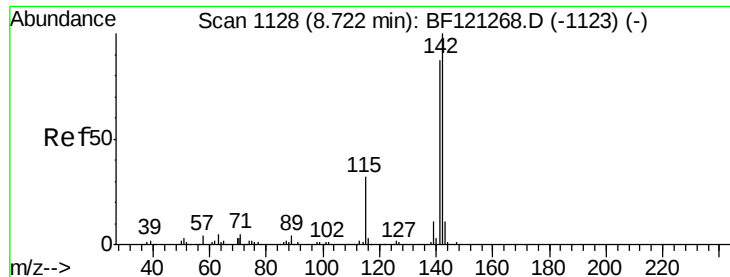
Acq: 17 Aug 2020 15:16

Tgt Ion:	107	Resp:	204945
Ion	Ratio	Lower	Upper
107	100		
144	27.6	20.4	30.6
142	86.1	63.8	95.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





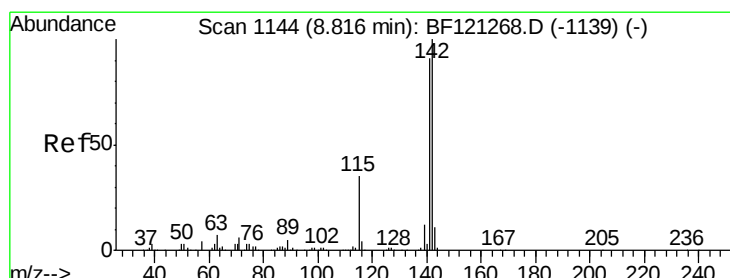
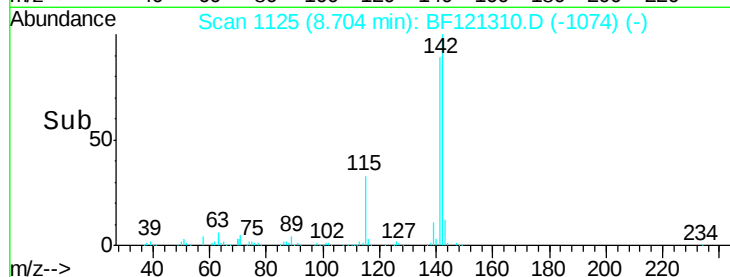
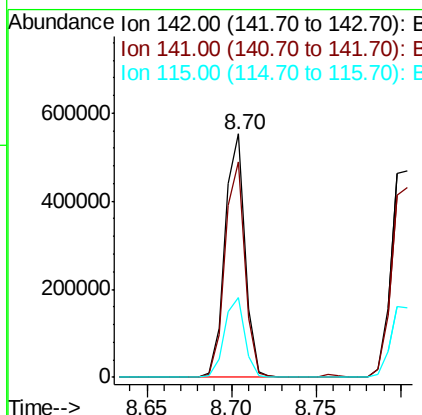
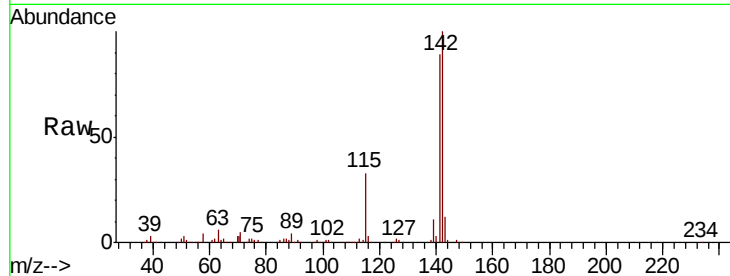
#37
2-Methylnaphthalene
Concen: 38.099 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	454848		
141	88.6	69.2	103.8	
115	32.7	25.8	38.8	

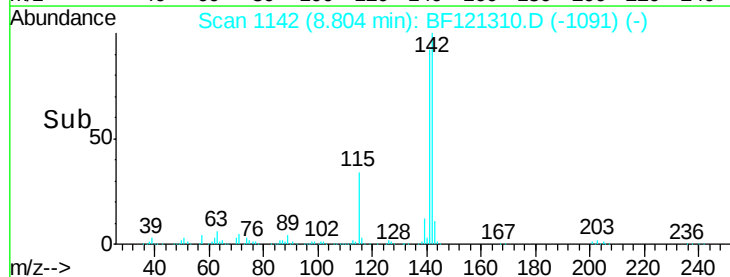
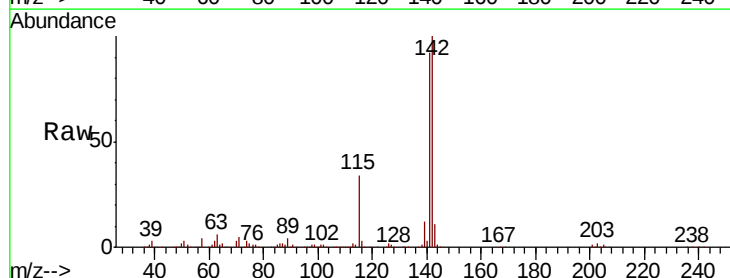
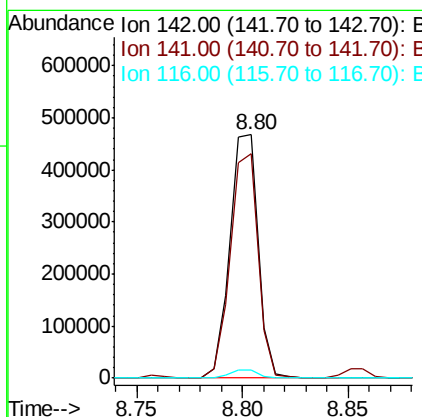
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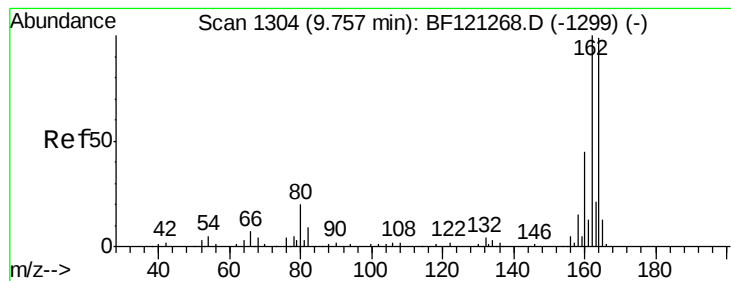
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#38
1-Methylnaphthalene
Concen: 37.896 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	428373		
141	92.1	72.6	109.0	
116	3.3	2.8	4.2	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

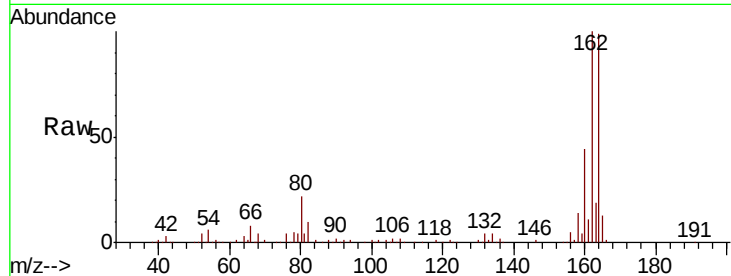
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

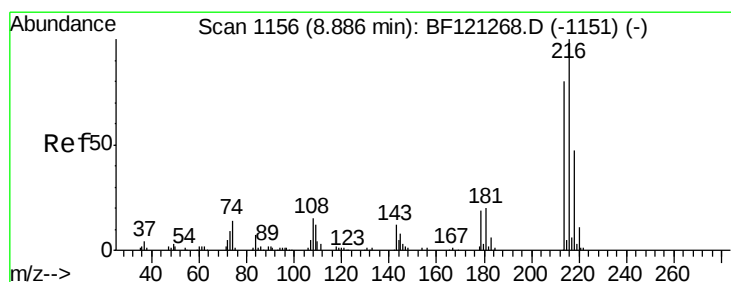
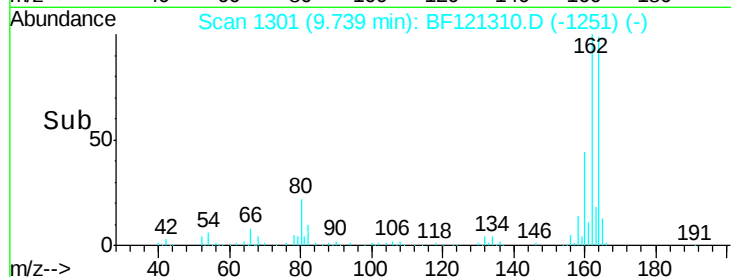
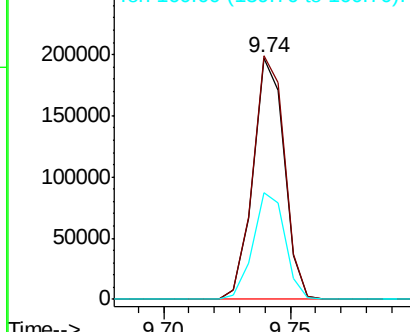
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	80.2	120.2	
160	44.4	36.5	54.7	

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.528 ng

RT: 8.87 min Scan# 1153

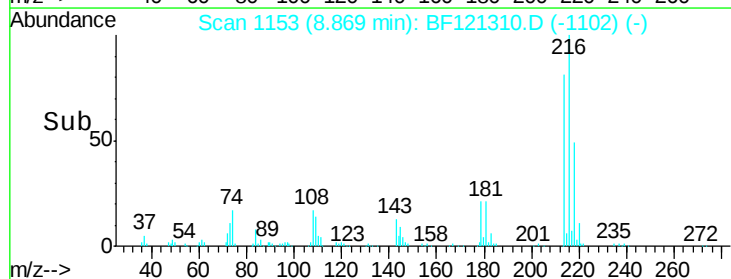
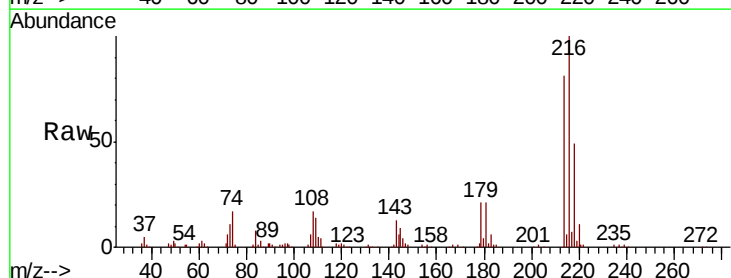
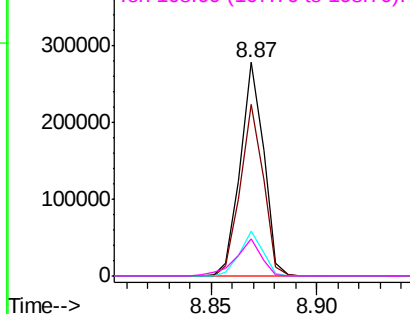
Delta R.T. 0.00 min

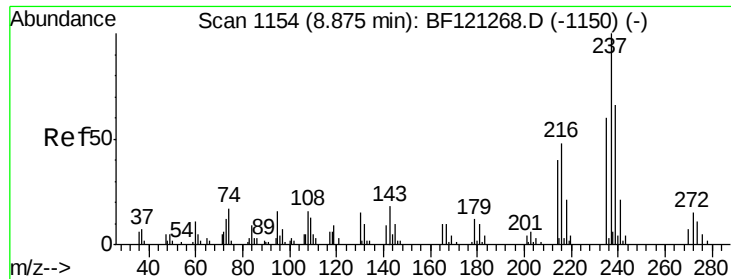
Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.2	94.8	
179	20.5	15.8	23.6	
108	18.9	14.1	21.1	

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





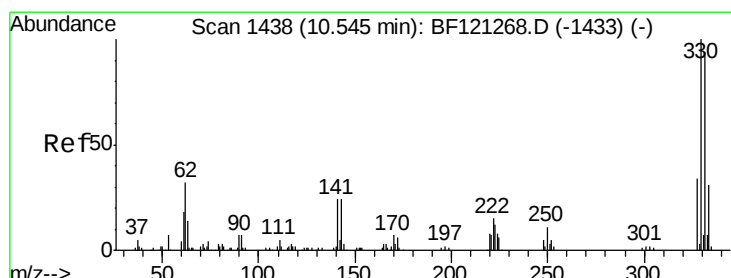
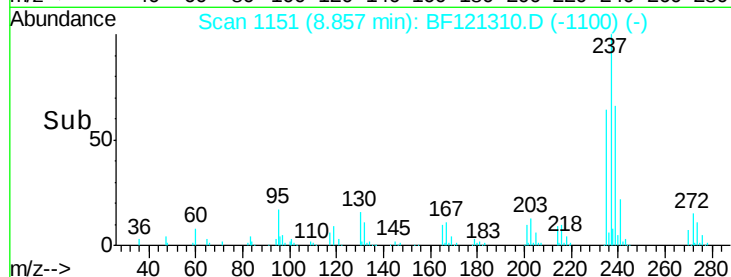
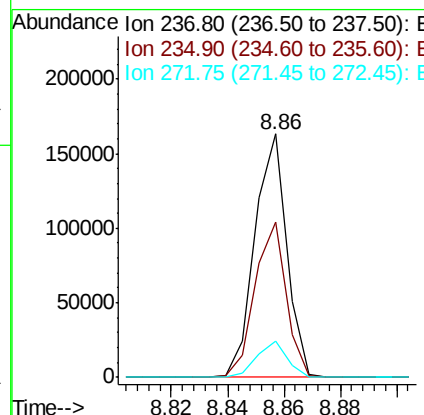
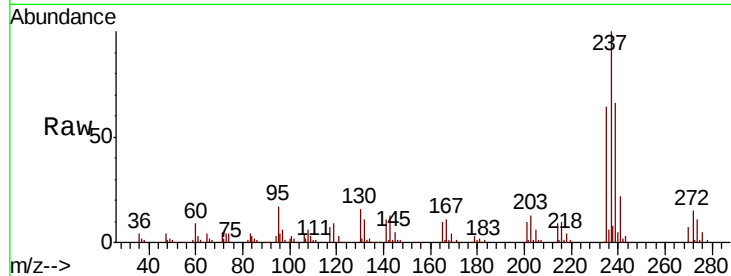
#41
Hexachlorocyclopentadiene
Concen: 61.784 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion:	237	Resp:	128218
Ion Ratio	Lower	Upper	
237	100		
235	63.6	41.5	81.5
272	14.7	0.0	34.2

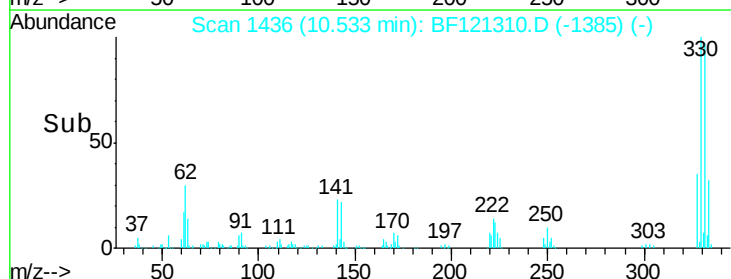
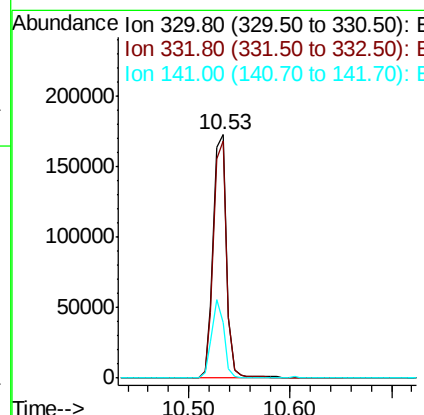
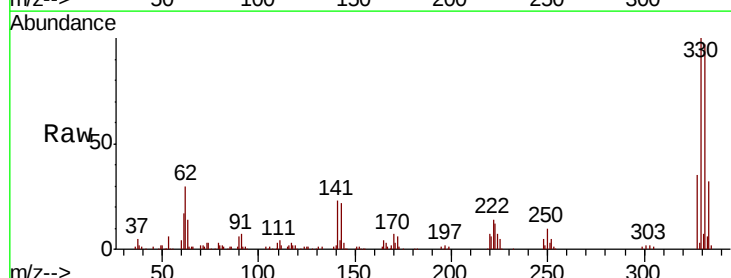
Manual Integrations
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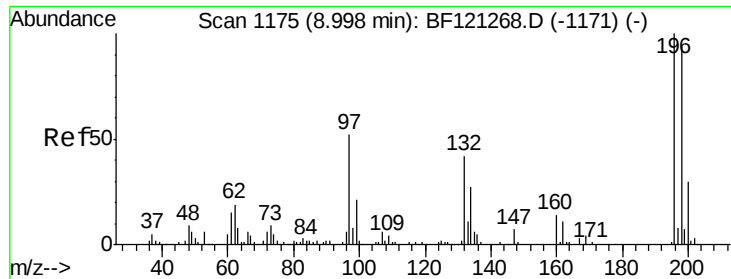
mohammad
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#42
2,4,6-Tribromophenol
Concen: 76.989 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion:	330	Resp:	160512
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.0
141	29.8	24.2	36.4





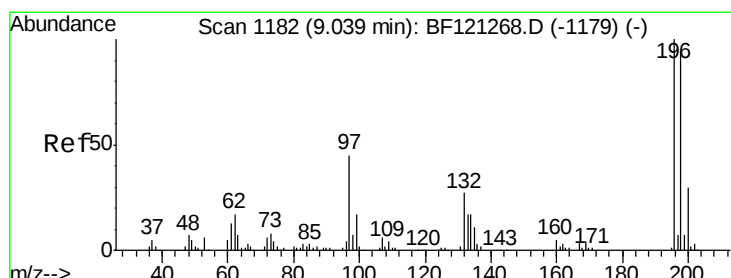
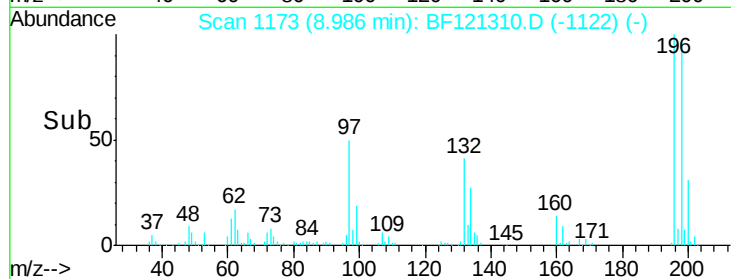
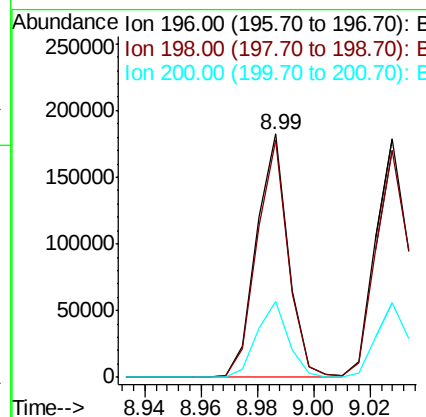
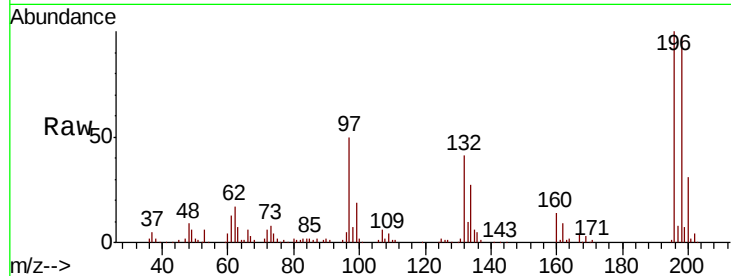
#43
 2,4,6-Trichlorophenol
 Concen: 39.420 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion:	196	Resp:	142247
Ion Ratio	Lower	Upper	
196	100		
198	97.3	76.9	115.3
200	31.3	24.6	37.0

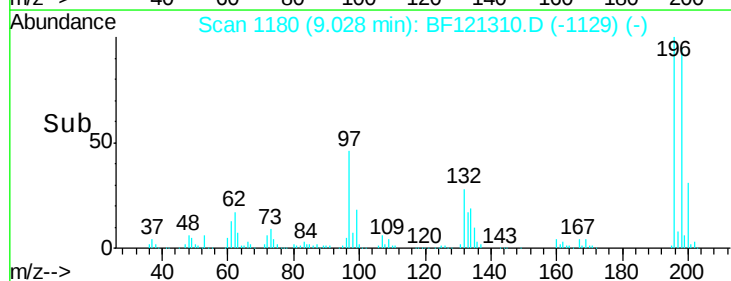
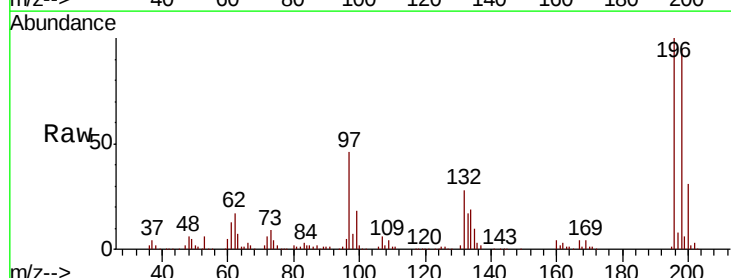
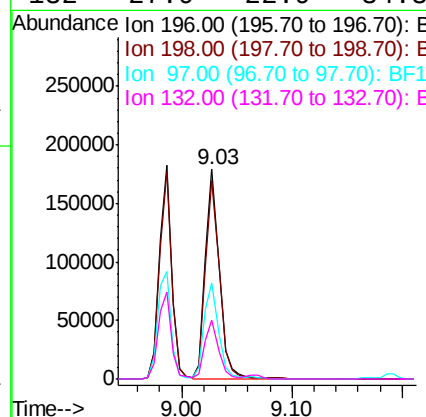
Manual Integrations
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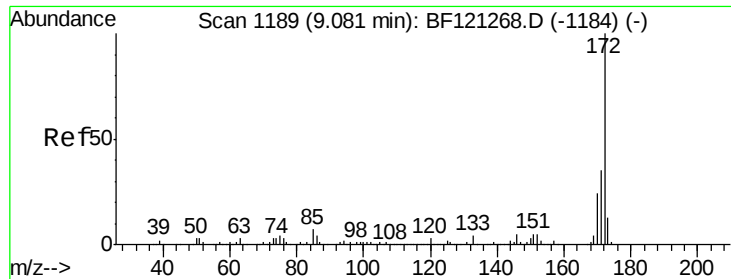
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.383 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:	196	Resp:	154357
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.5	113.3
97	45.6	39.4	59.2
132	27.9	22.9	34.3





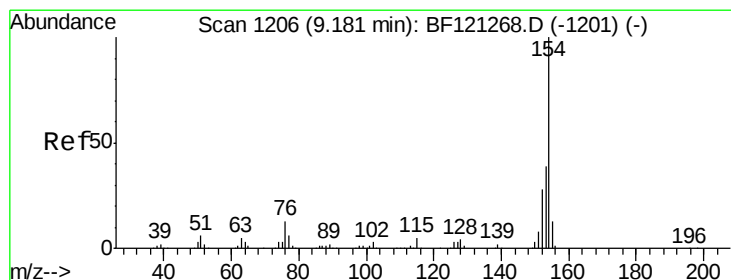
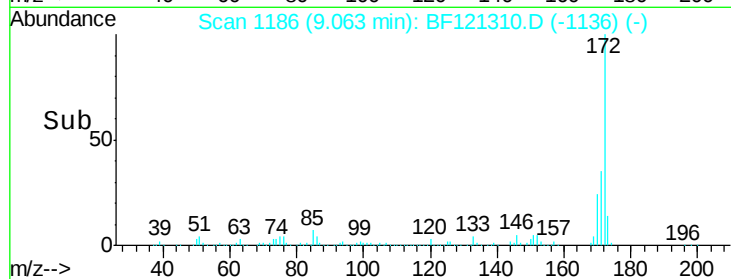
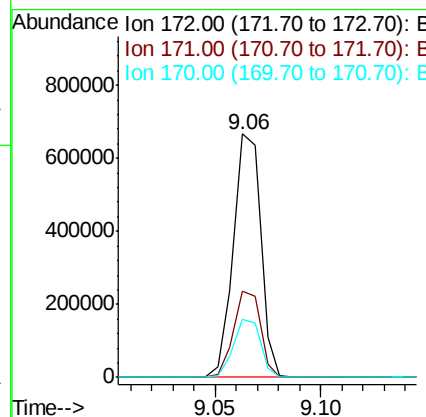
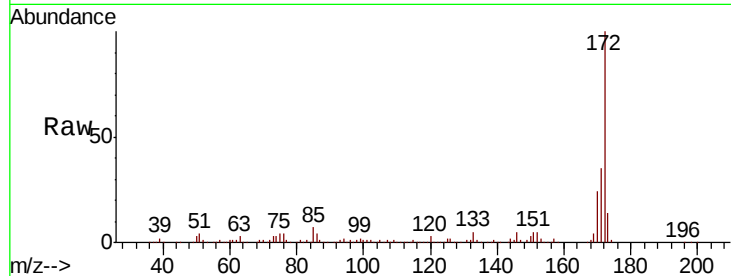
#45
2-Fluorobiphenyl
Concen: 48.504 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.7	19.3	28.9

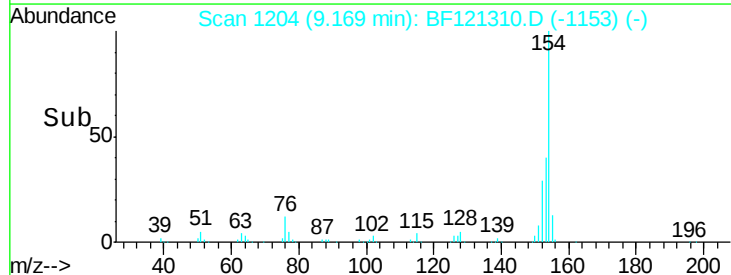
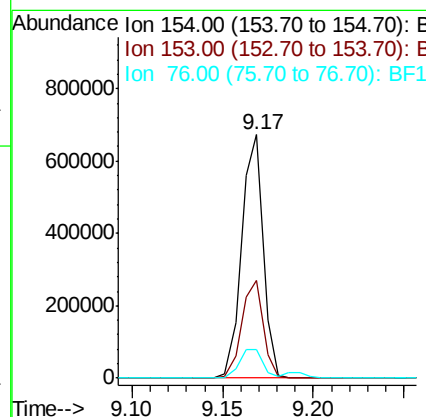
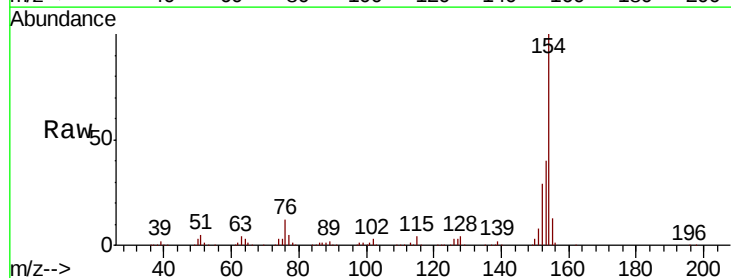
Manual Integrations
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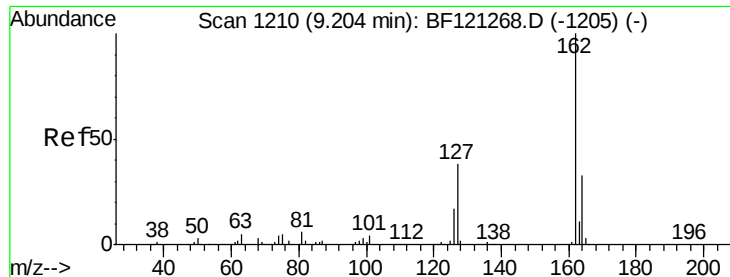
mohammad
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#46
1,1'-Biphenyl
Concen: 37.986 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	11.7	0.0	31.9





#47

2-Chloronaphthalene

Concen: 37.504 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

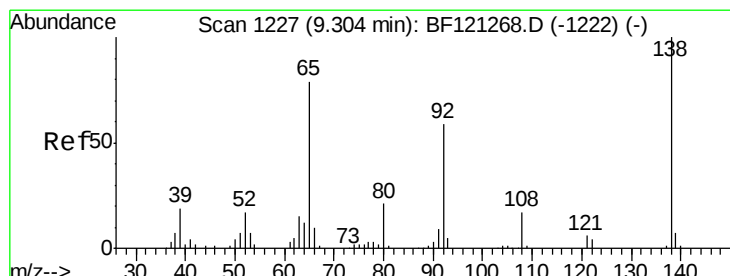
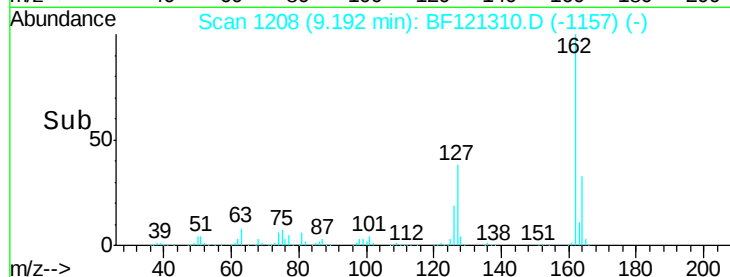
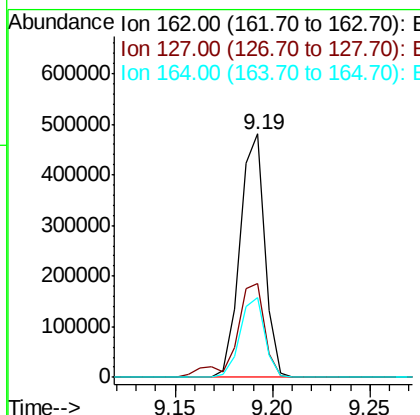
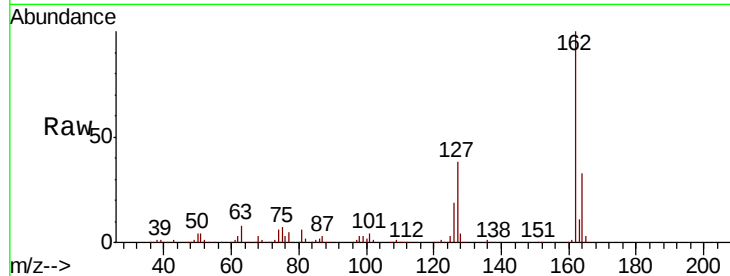
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:	162	Resp:	422416
Ion Ratio	Lower	Upper	
162	100		
127	38.3	31.4	47.2
164	32.9	26.5	39.7

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#48

2-Nitroaniline

Concen: 41.350 ng

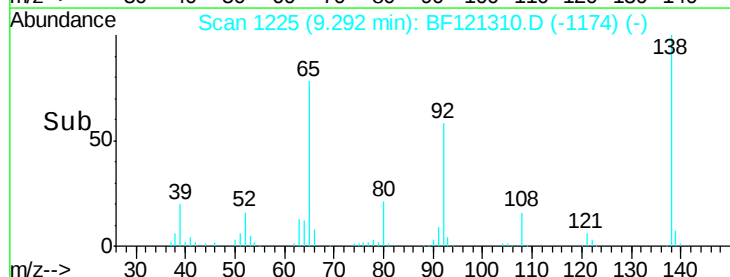
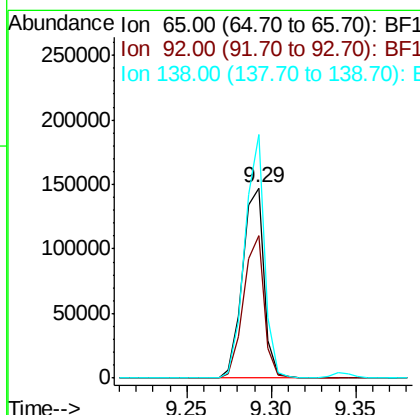
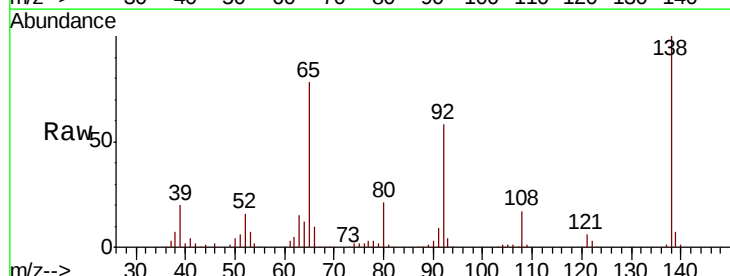
RT: 9.29 min Scan# 1225

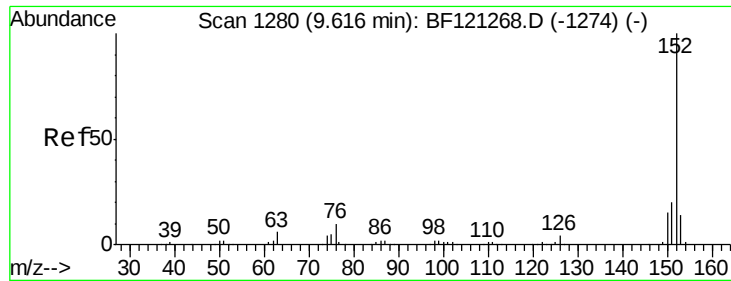
Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:	65	Resp:	130910
Ion Ratio	Lower	Upper	
65	100		
92	74.7	58.2	87.2
138	128.1	97.5	146.3





#49

Acenaphthylene

Concen: 38.166 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

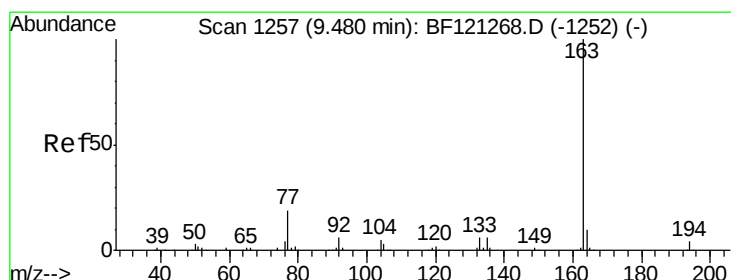
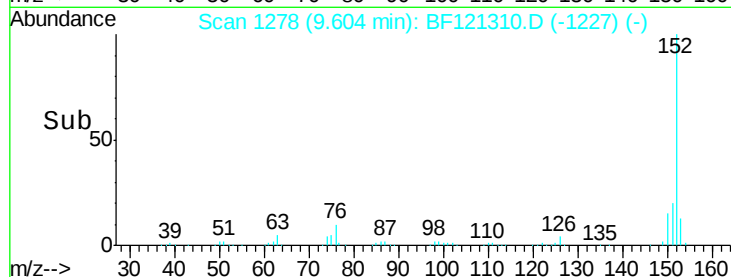
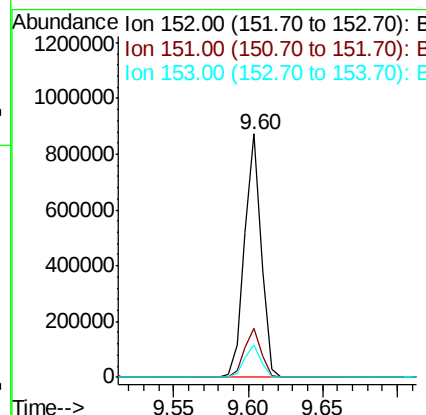
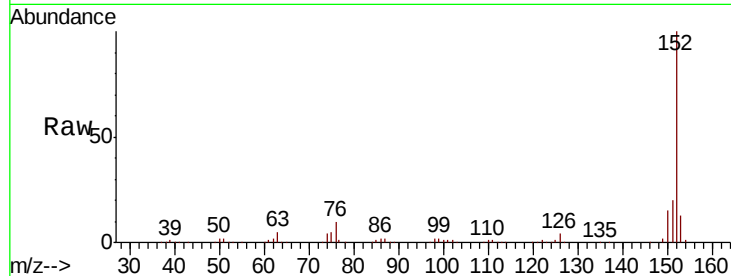
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:	152	Resp:	682754
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.1	10.6	15.8

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#50

Dimethylphthalate

Concen: 48.466 ng

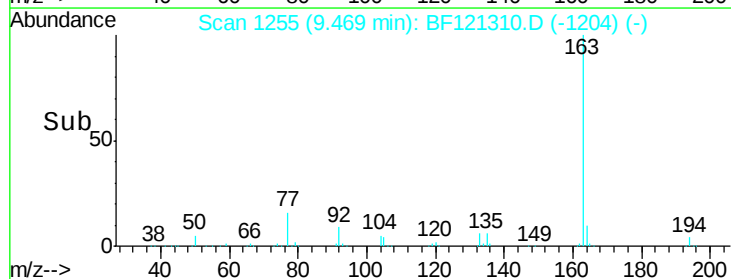
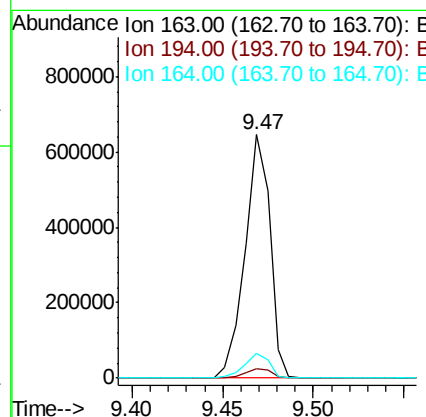
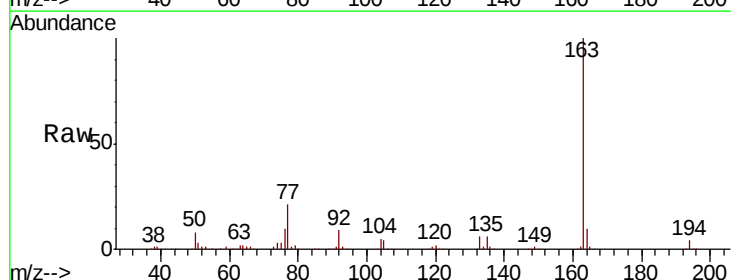
RT: 9.47 min Scan# 1255

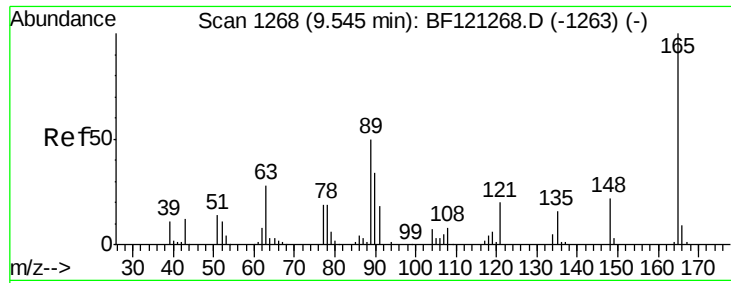
Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:	163	Resp:	617564
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.9	4.3
164	10.4	8.4	12.6





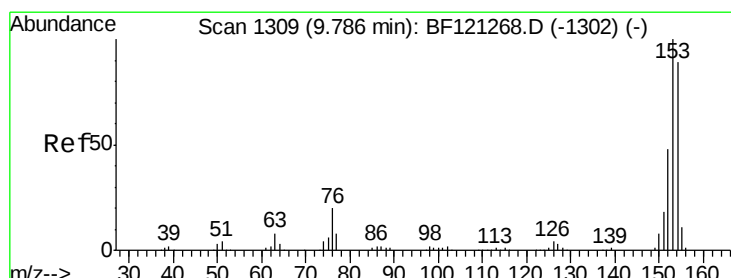
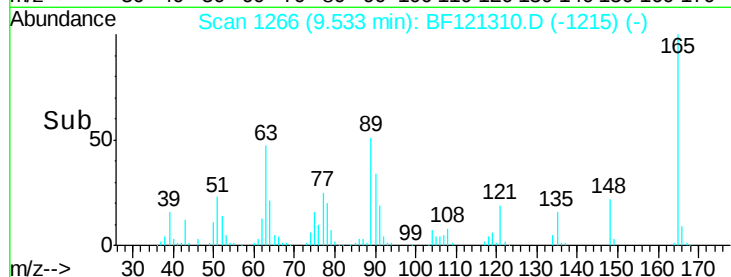
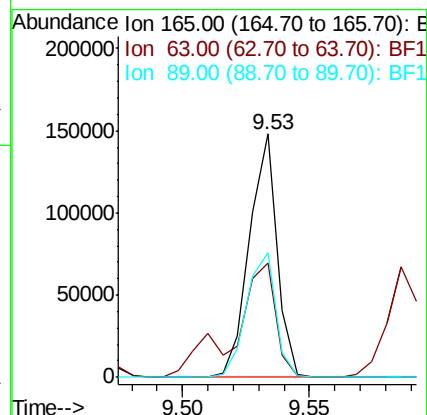
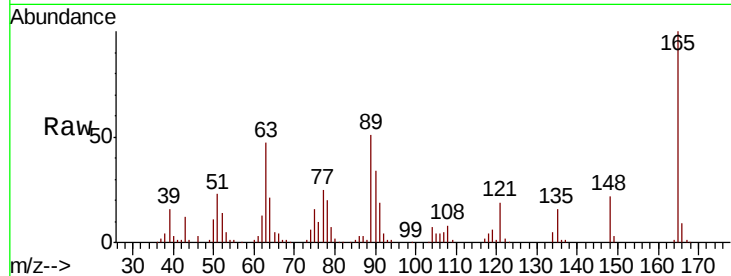
#51
 2,6-Dinitrotoluene
 Concen: 39.592 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion:	165	Resp:	112457
Ion Ratio	Lower	Upper	
165	100		
63	47.2	42.0	63.0
89	51.3	44.7	67.1

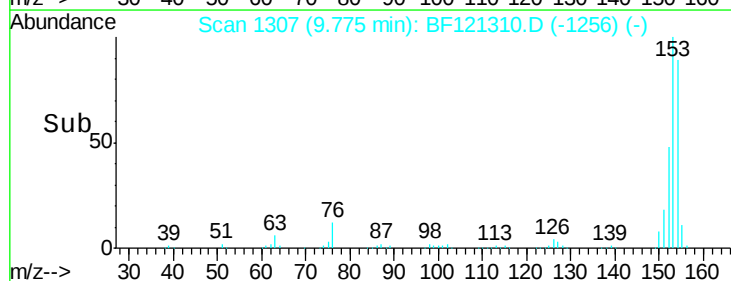
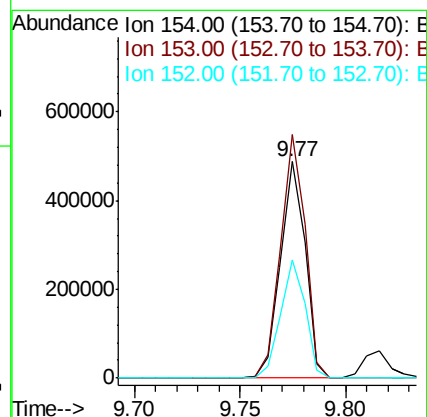
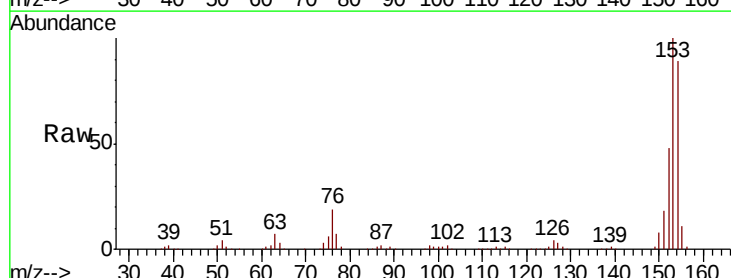
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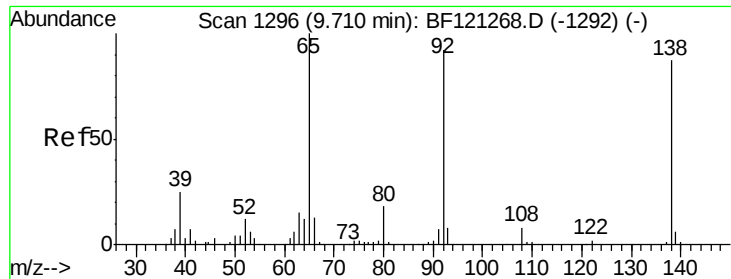
mohammad
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#52
 Acenaphthene
 Concen: 37.642 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion:	154	Resp:	398684
Ion Ratio	Lower	Upper	
154	100		
153	112.4	88.0	132.0
152	54.5	43.0	64.4





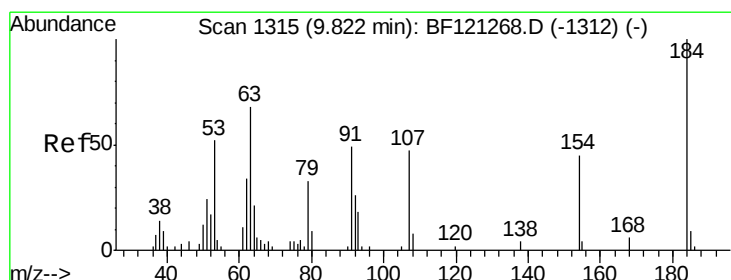
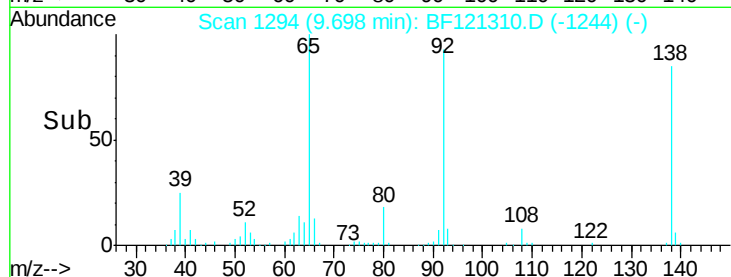
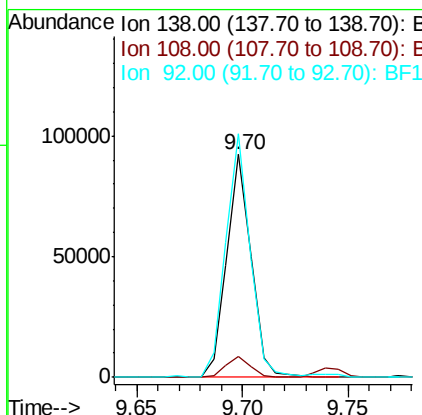
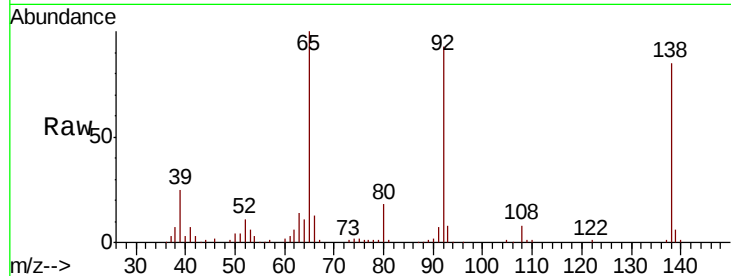
#53
 3-Nitroaniline
 Concen: 22.654 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.6	11.4
92	109.3	82.6	123.8

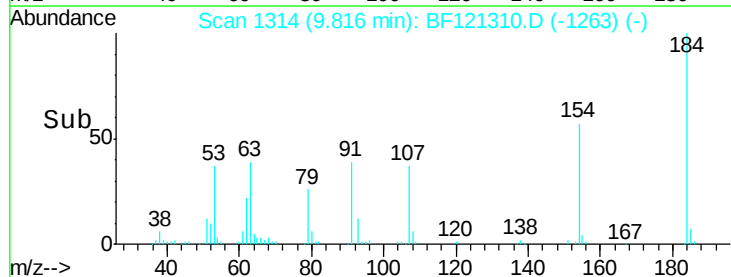
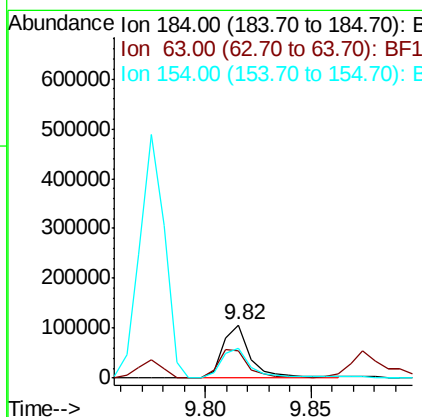
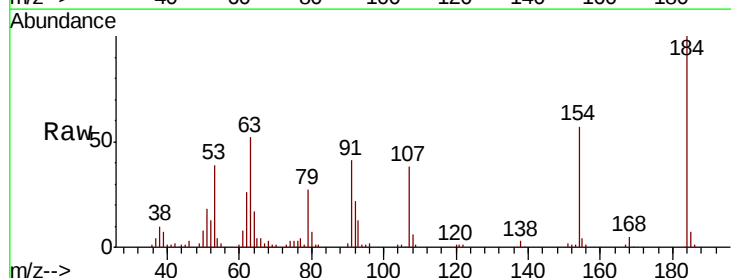
Manual Integrations
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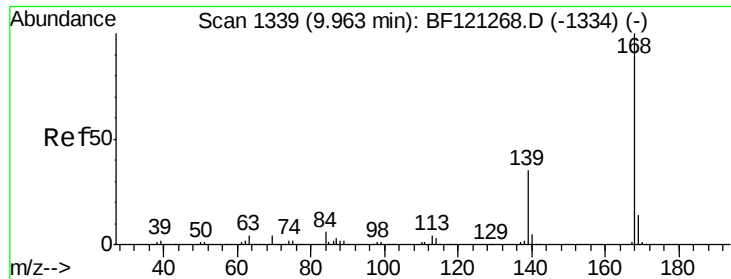
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 67.695 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.3	45.3	67.9
154	56.7	46.4	69.6





#55

Dibenzofuran

Concen: 36.273 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

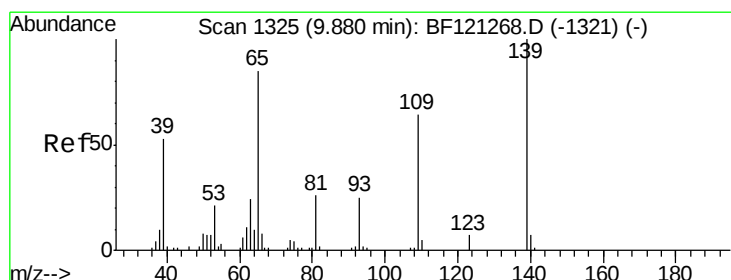
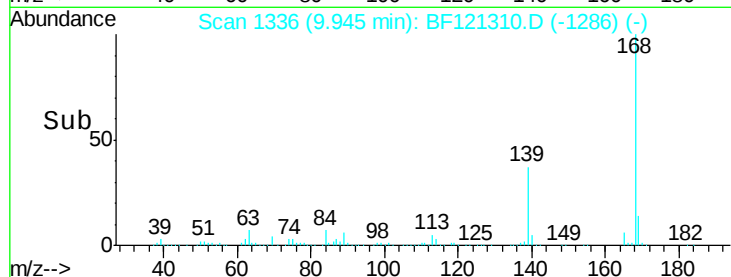
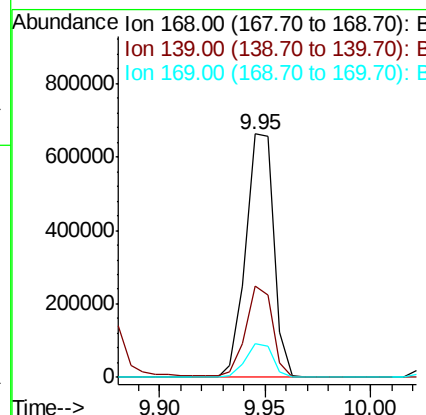
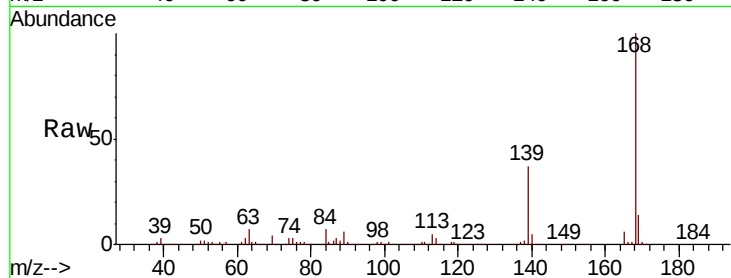
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:168	Resp:	611817
Ion Ratio	Lower	Upper
168	100	
139	37.4	27.9 41.9
169	13.7	10.5 15.7

Manual Integrations
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#56

4-Nitrophenol

Concen: 88.898 ng

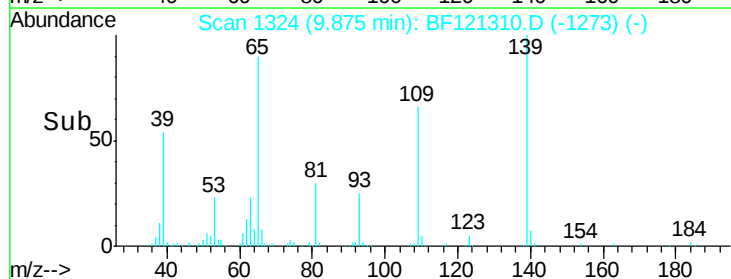
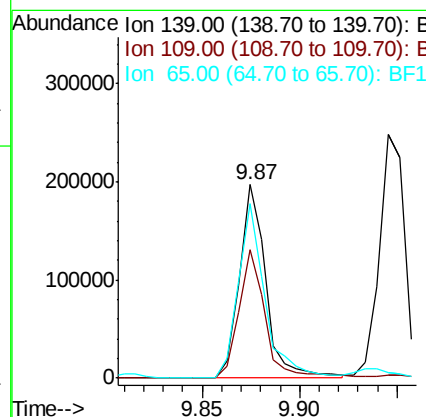
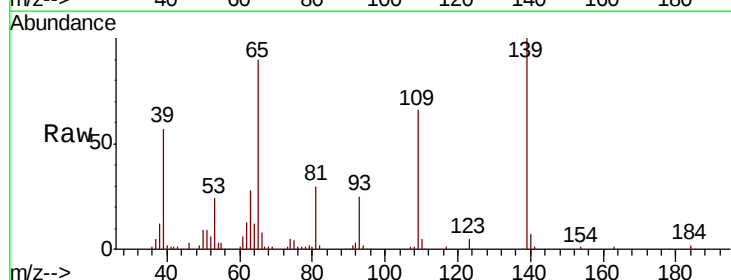
RT: 9.87 min Scan# 1324

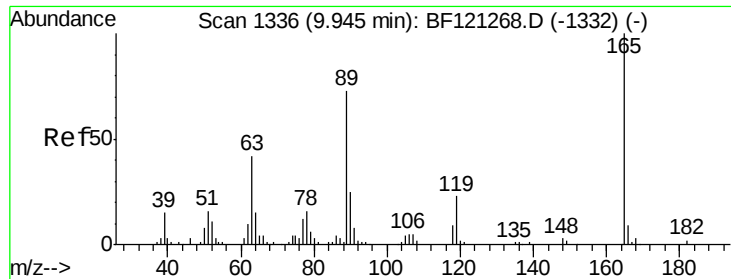
Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:139	Resp:	186060
Ion Ratio	Lower	Upper
139	100	
109	66.3	44.3 84.3
65	90.1	62.4 102.4





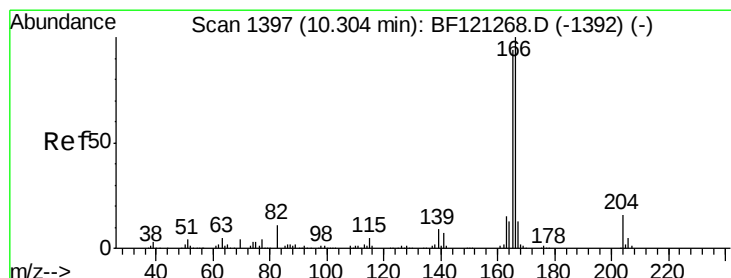
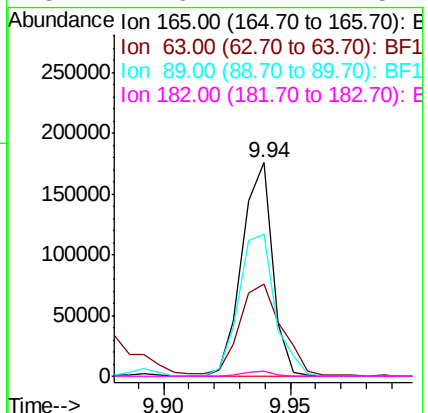
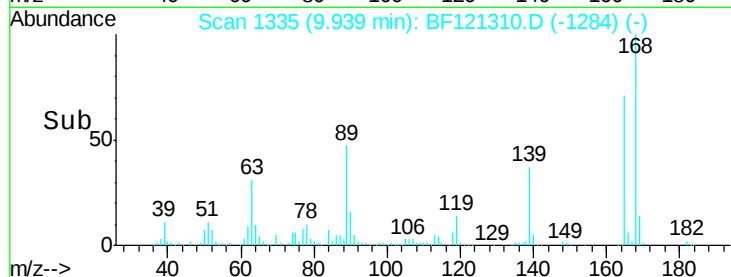
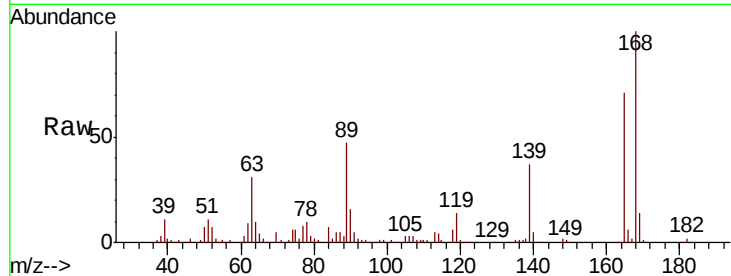
#57
2,4-Dinitrotoluene
Concen: 39.654 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	31.7	47.5
89	66.4	52.8	79.2
182	2.6	2.1	3.1

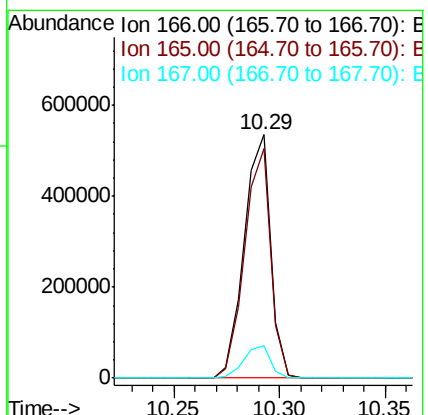
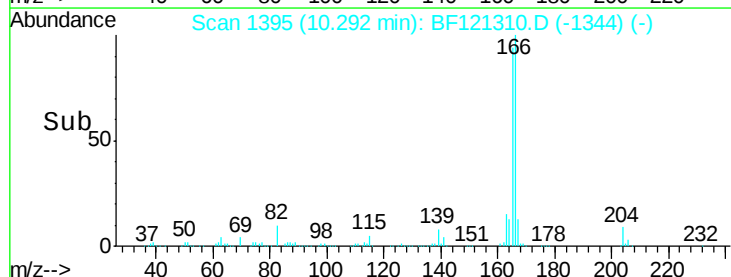
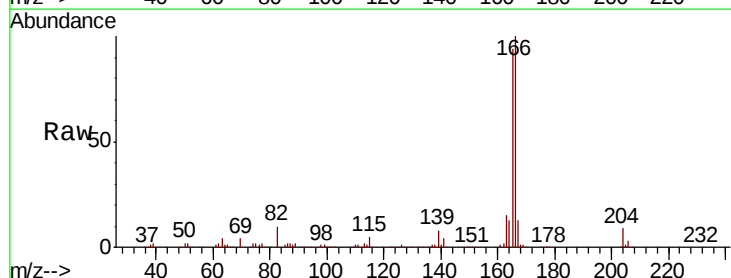
Manual Integrations
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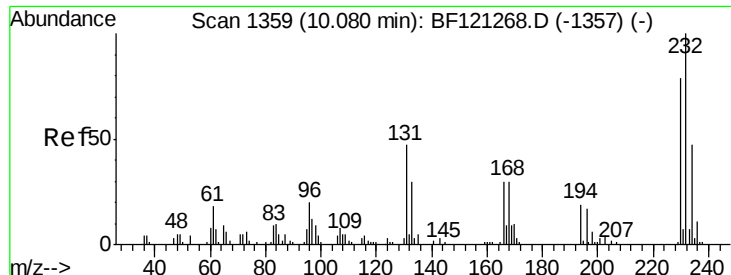
mohammad
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#58
Fluorene
Concen: 36.462 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	74.5	111.7
167	13.2	10.7	16.1





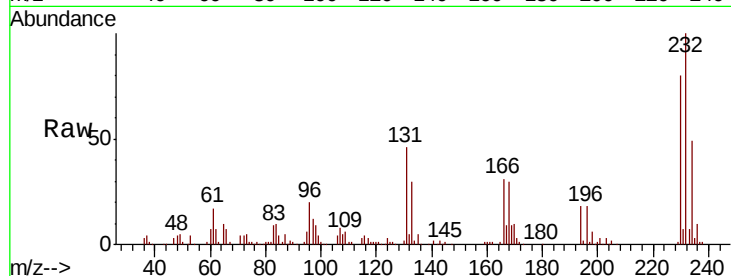
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.984 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

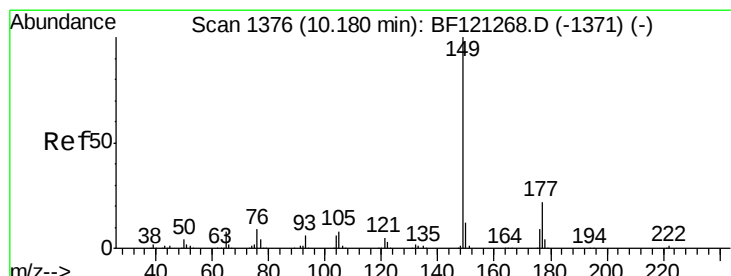
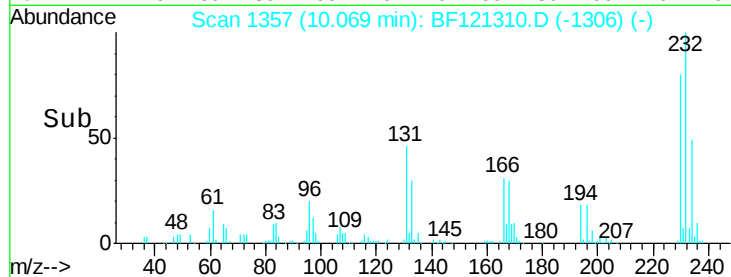
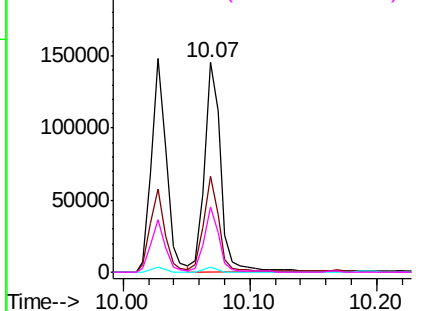
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		130105		
131	42.8	33.6	50.4		
130	2.1	1.4	2.2		
166	29.3	22.9	34.3		

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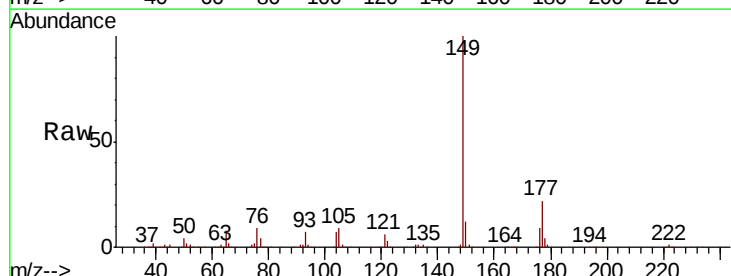


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

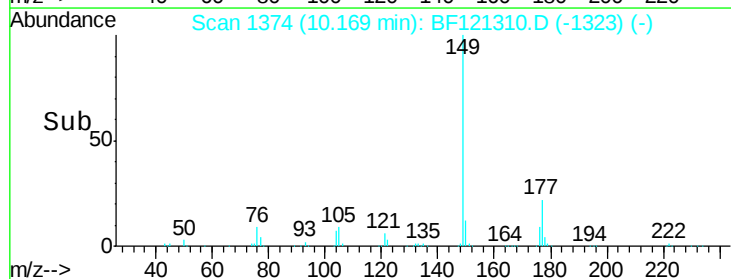
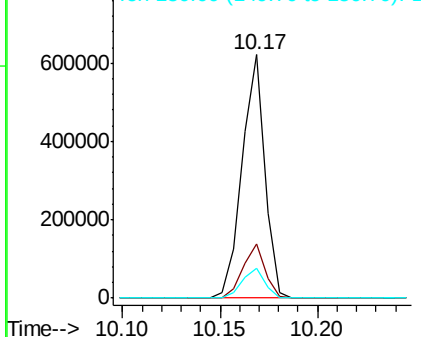


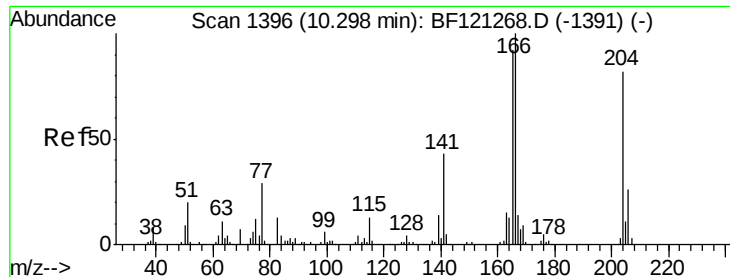
#60
Diethylphthalate
Concen: 38.737 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		501940		
177	22.1	17.3	25.9		
150	12.5	10.1	15.1		



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





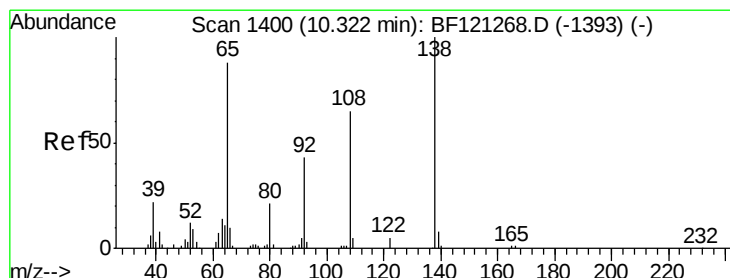
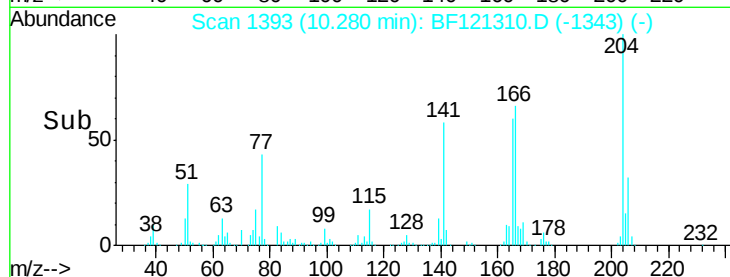
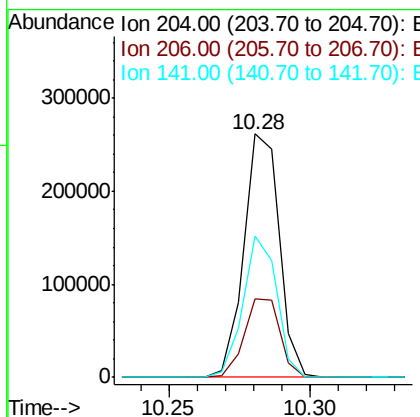
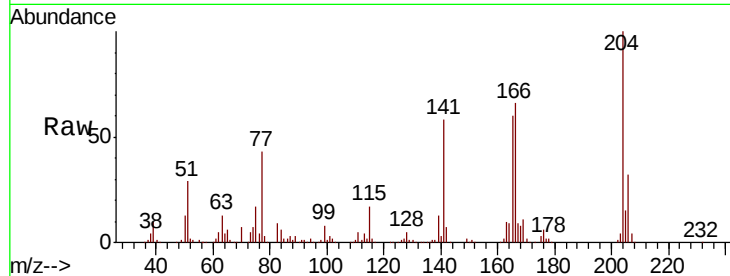
#61
4-Chlorophenyl-phenylether
Concen: 36.540 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	57.8	41.7	62.5

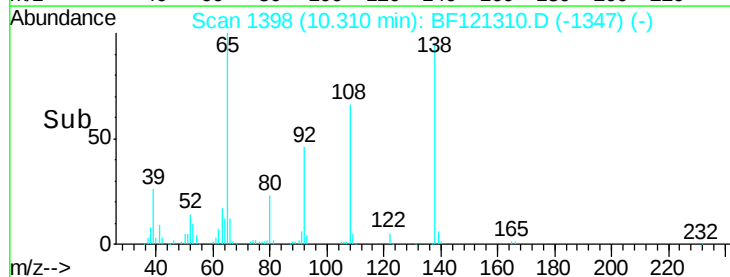
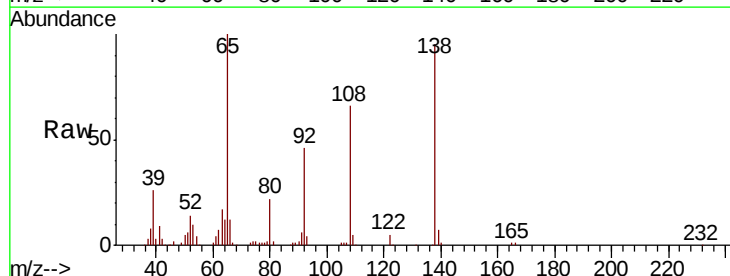
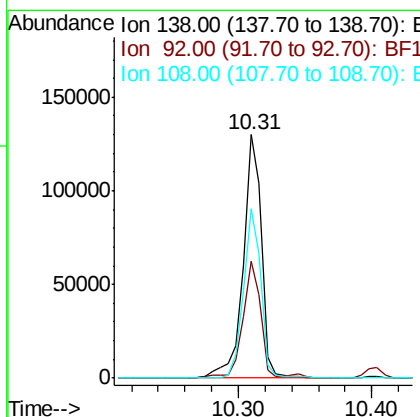
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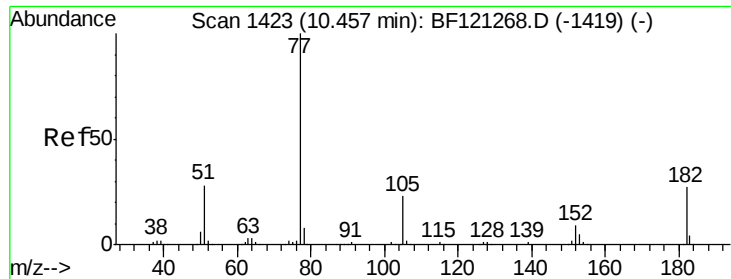
mohammad
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#62
4-Nitroaniline
Concen: 37.677 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	28.2	68.2
108	69.4	50.0	90.0





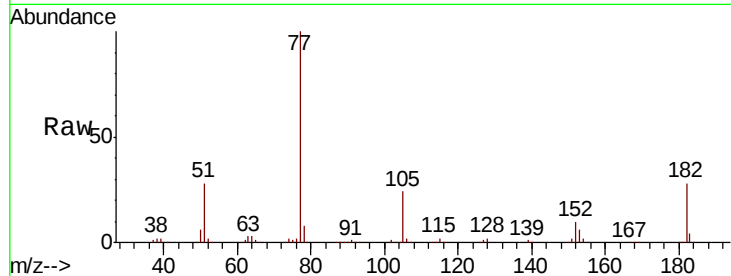
#63
Azobenzene
Concen: 37.361 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

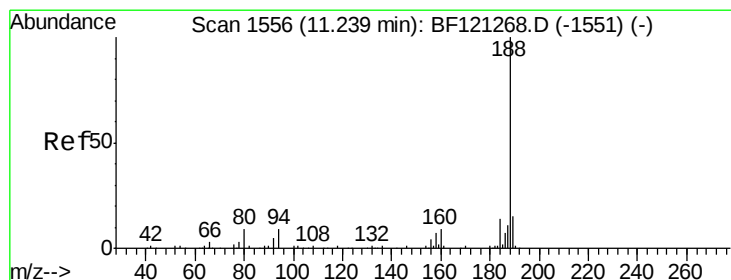
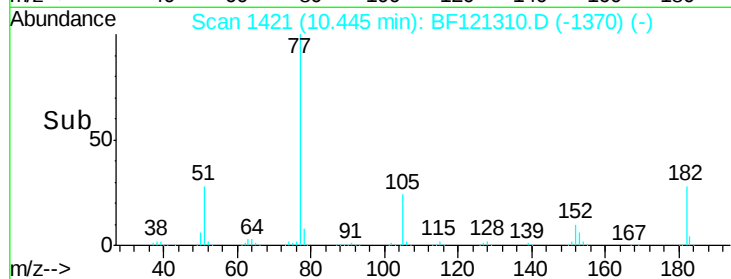
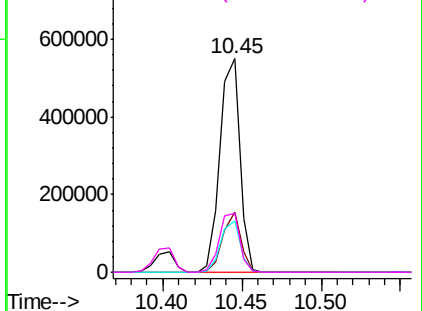
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		483712		
182	28.1	6.7	46.7		
105	24.1	3.7	43.7		
51	27.7	8.1	48.1		

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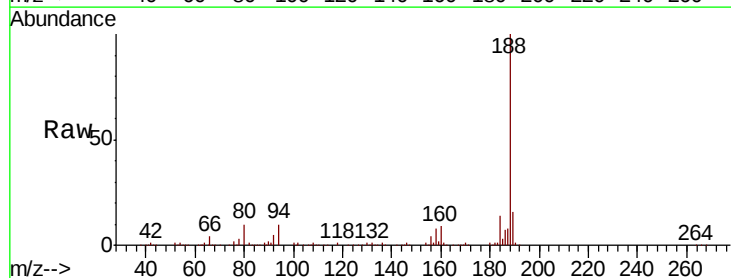


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

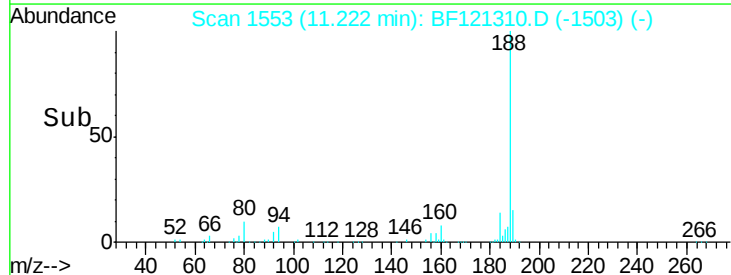
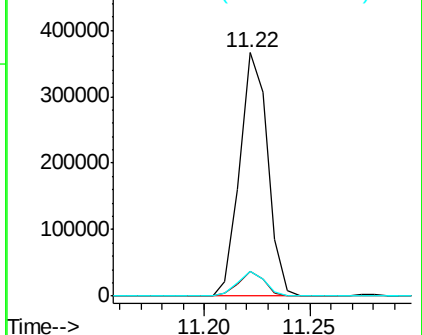


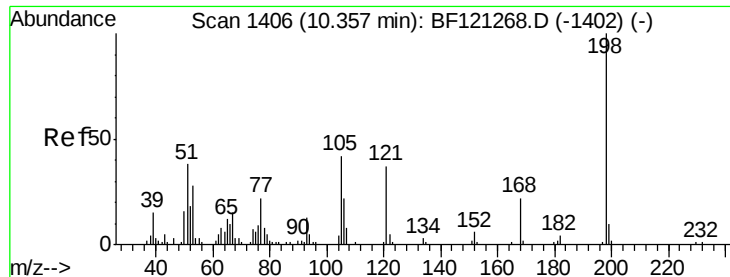
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		336456		
94	9.9	6.4	9.6#		
80	10.1	7.0	10.4		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.334 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

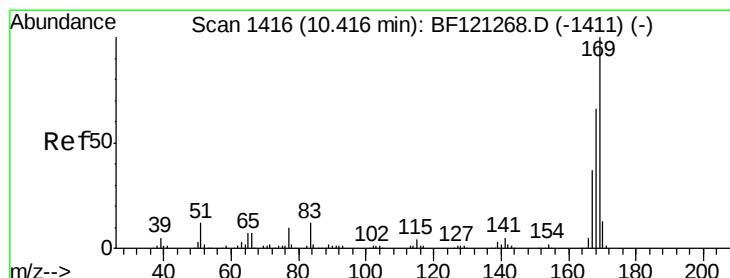
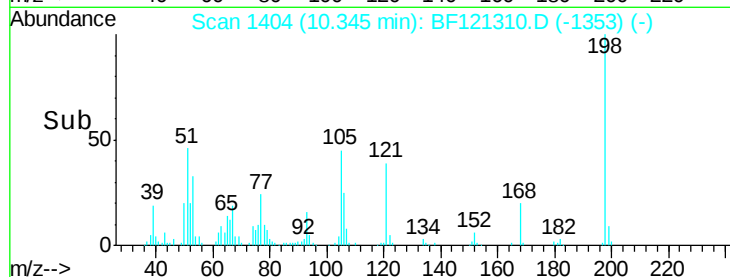
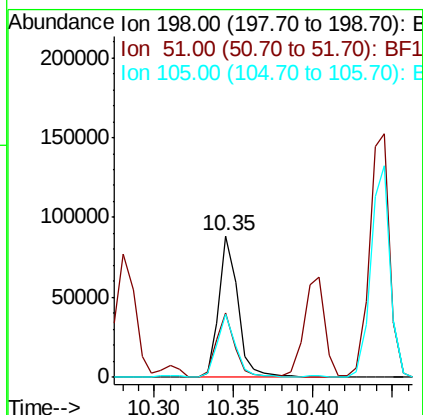
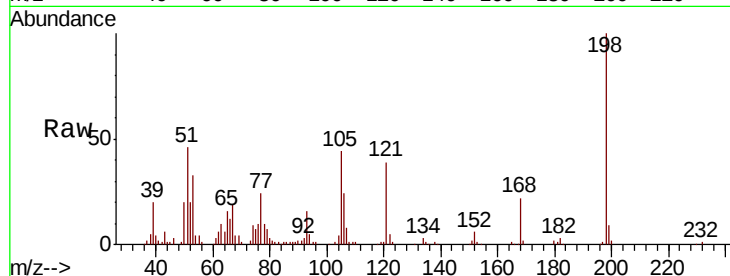
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:	198	Resp:	74687
Ion Ratio	Lower	Upper	
198	100		
51	45.9	29.1	69.1
105	44.4	28.5	68.5

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#66

n-Nitrosodiphenylamine

Concen: 37.287 ng

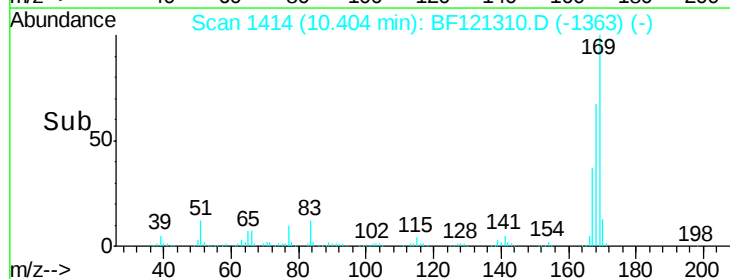
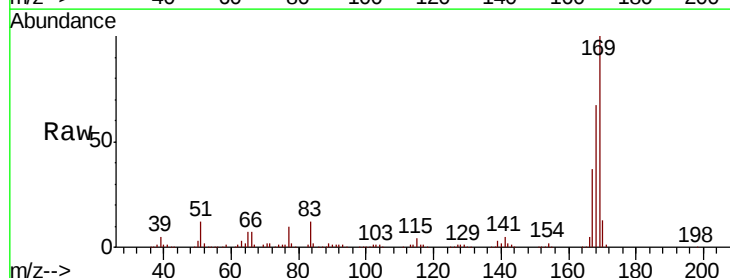
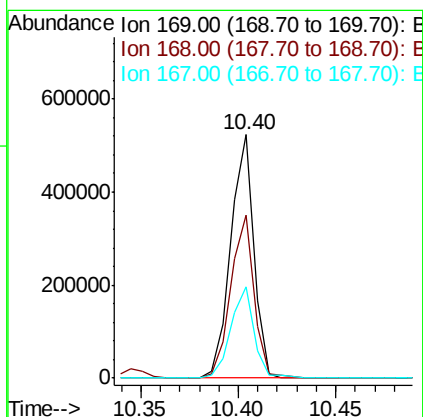
RT: 10.40 min Scan# 1414

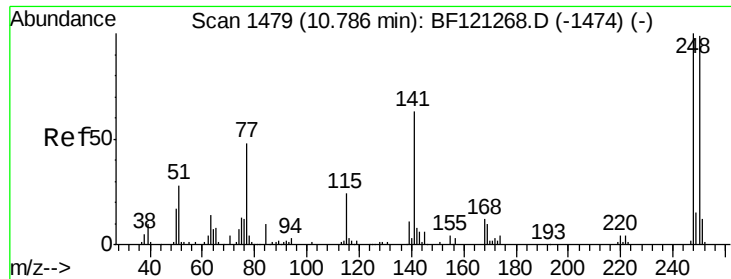
Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:	169	Resp:	430168
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.4	80.0
167	37.3	29.3	43.9





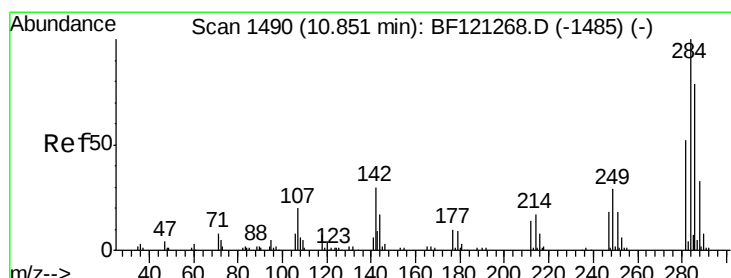
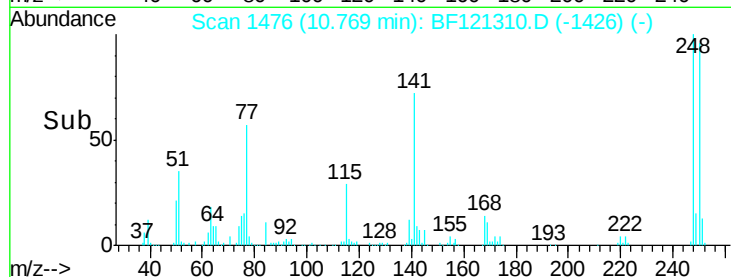
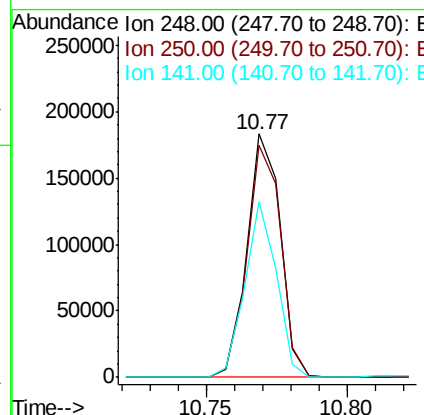
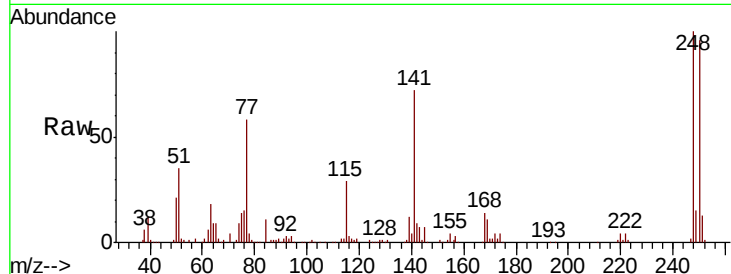
#67
4-Bromophenyl-phenylether
Concen: 38.242 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.4	116.0
141	72.1	48.9	73.3

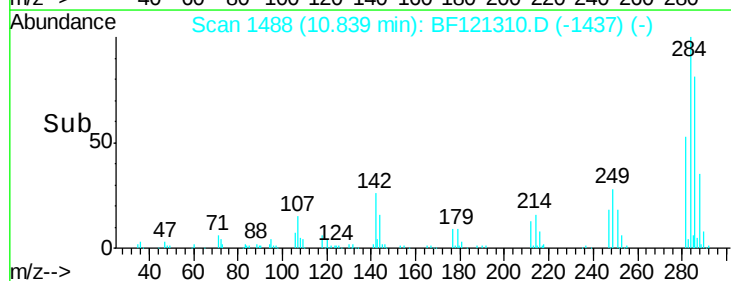
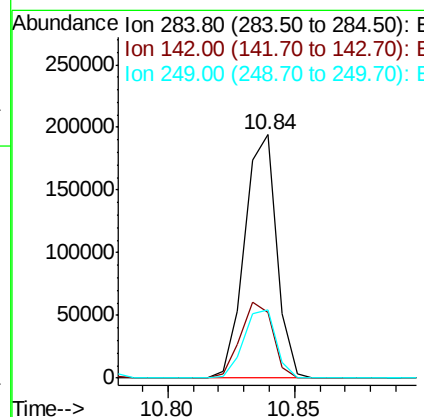
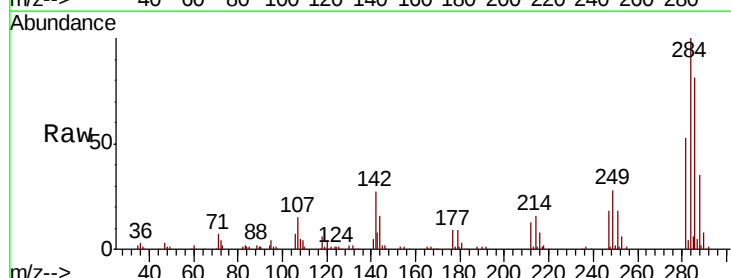
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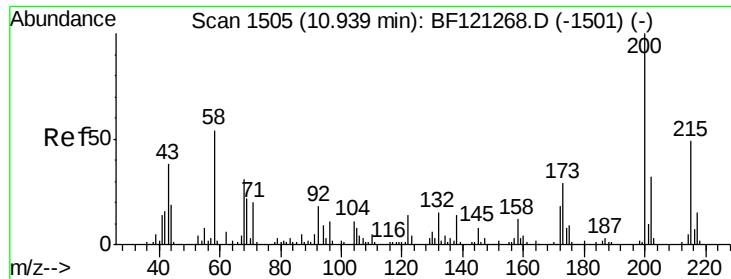
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#68
Hexachlorobenzene
Concen: 38.047 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	24.6	36.8
249	28.1	23.2	34.8





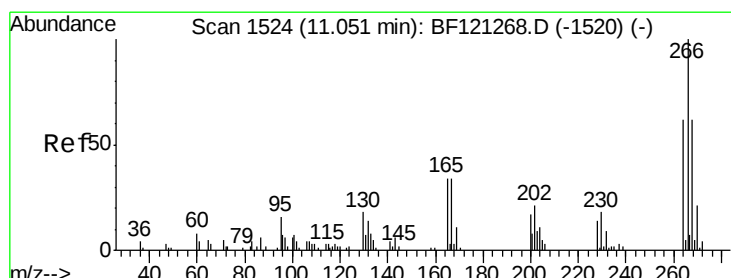
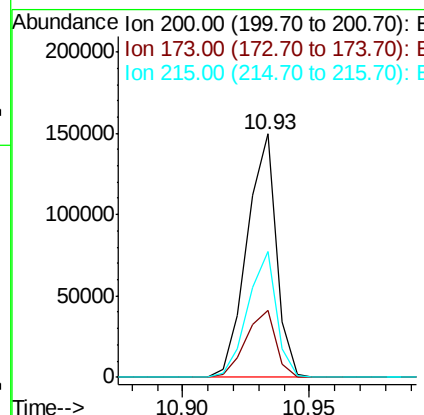
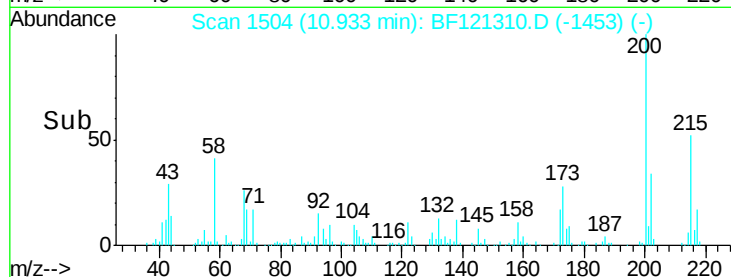
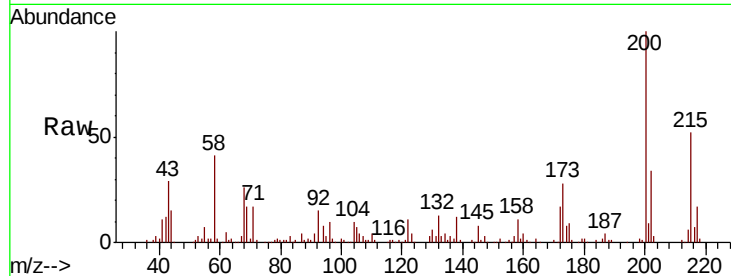
#69
Atrazine
Concen: 34.986 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	51.9	29.1	69.1

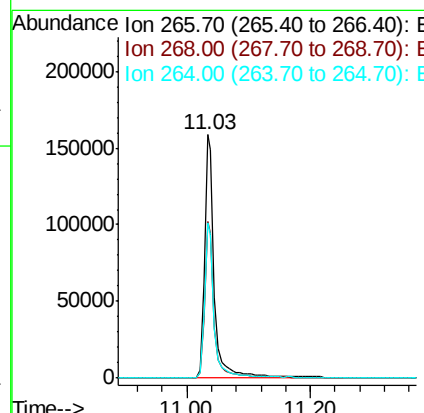
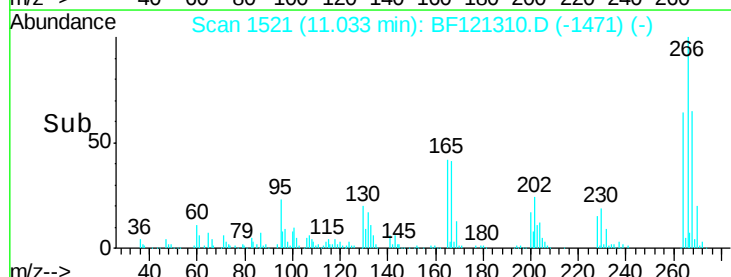
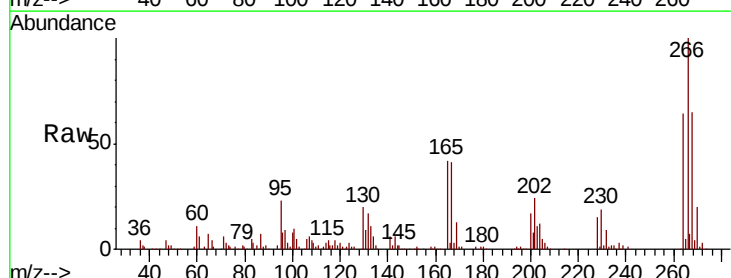
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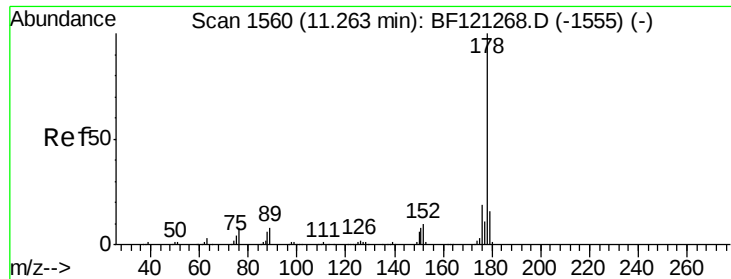
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#70
Pentachlorophenol
Concen: 90.877 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	53.3	79.9
264	63.7	49.4	74.0





#71

Phenanthrene

Concen: 39.491 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

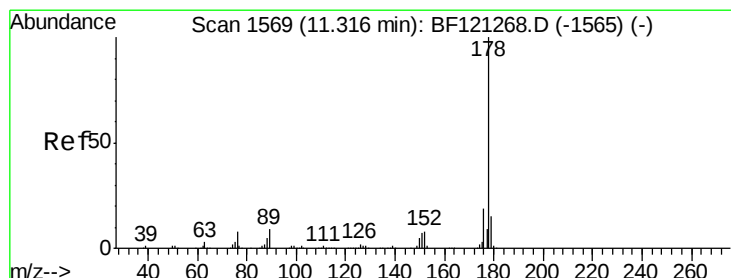
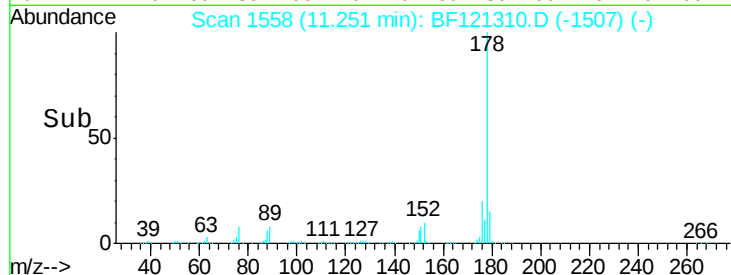
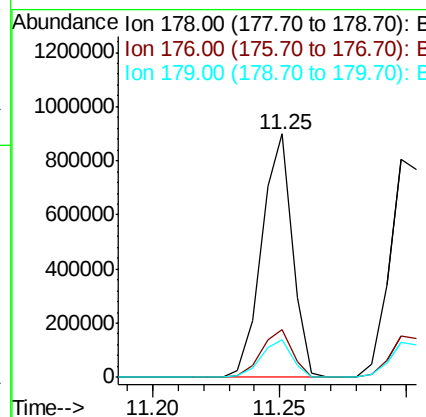
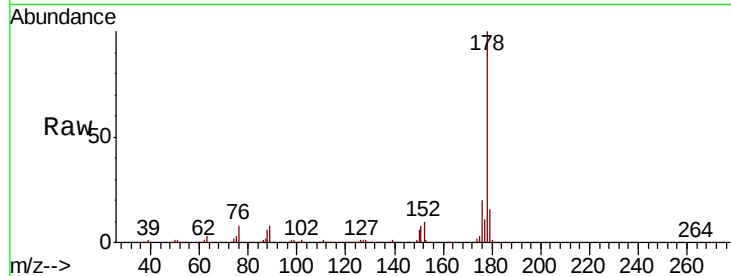
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion:178	Resp:	760145
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.6 23.4
179	15.7	12.3 18.5

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#72

Anthracene

Concen: 38.884 ng

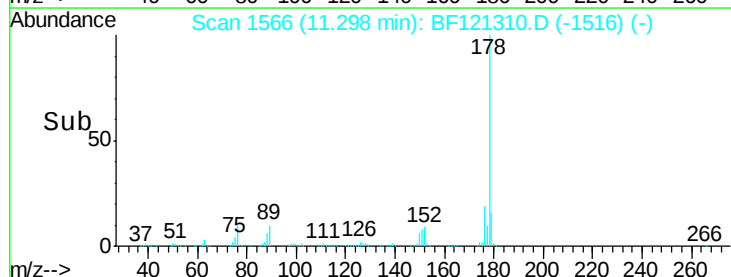
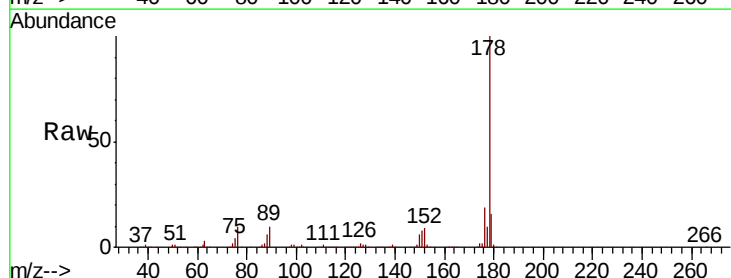
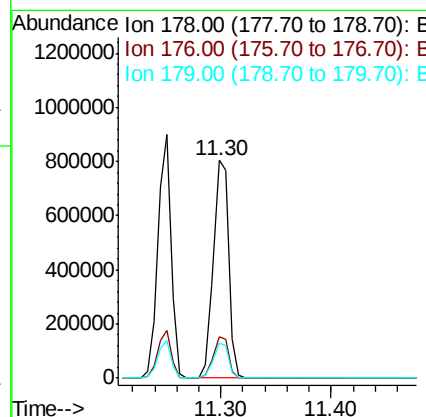
RT: 11.30 min Scan# 1566

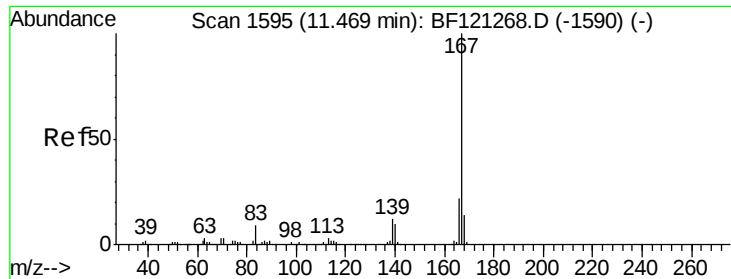
Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion:178	Resp:	751074
Ion Ratio	Lower	Upper
178	100	
176	19.0	14.9 22.3
179	15.9	12.2 18.4





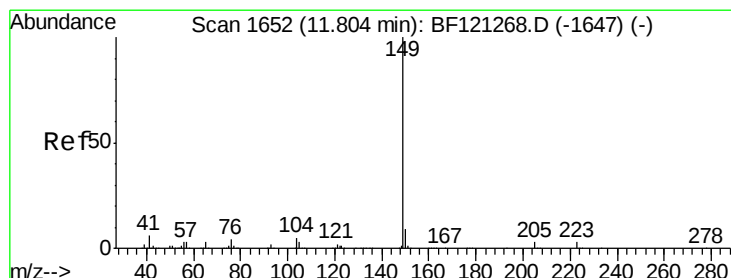
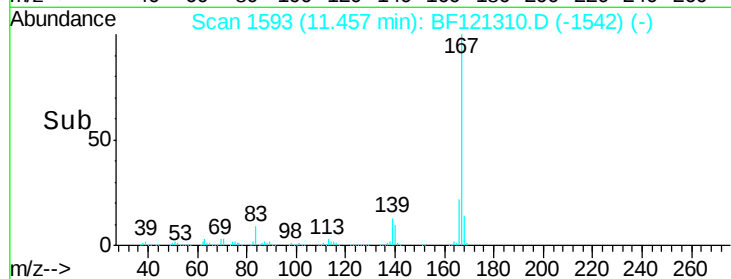
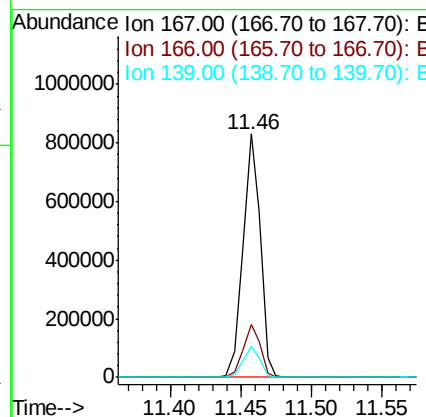
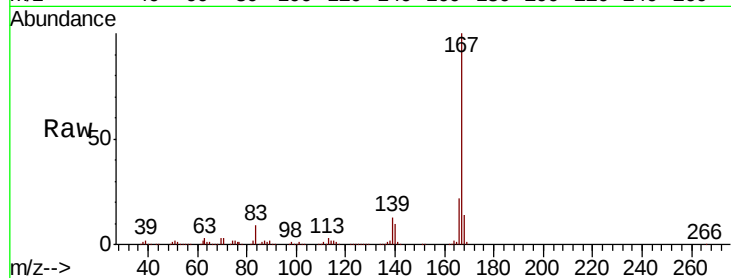
#73
 Carbazole
 Concen: 37.347 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	12.8	10.2	15.4

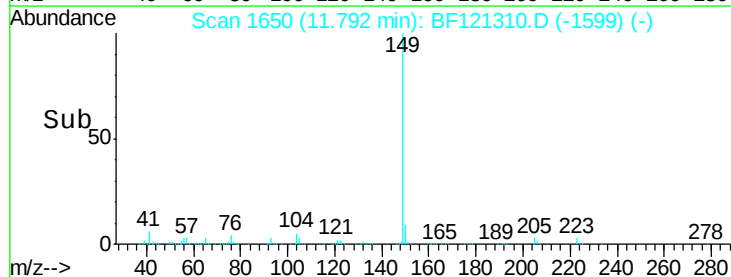
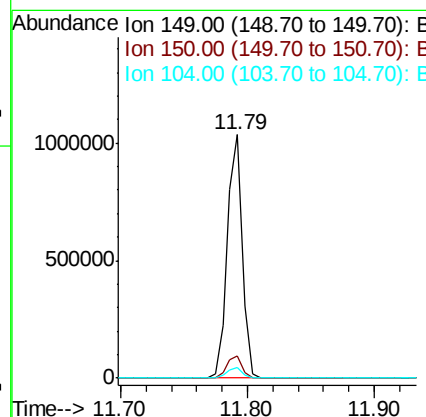
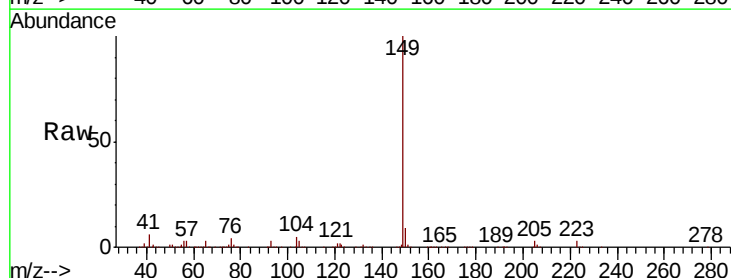
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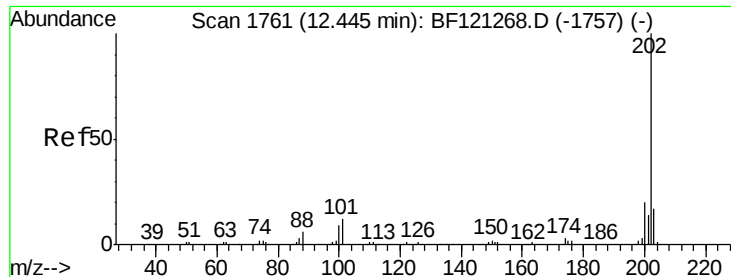
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#74
 Di-n-butylphthalate
 Concen: 39.938 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 43.152 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

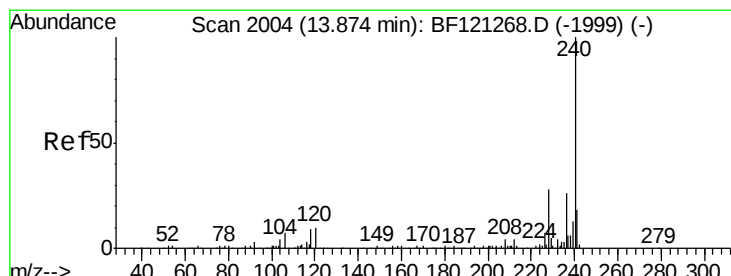
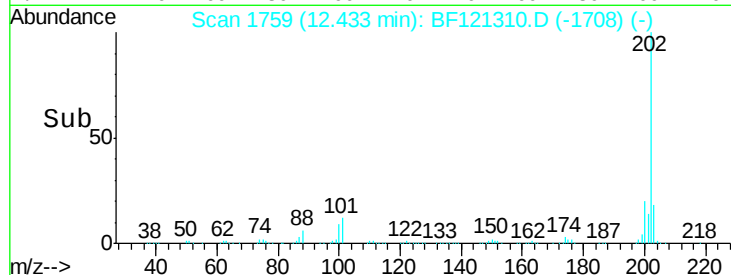
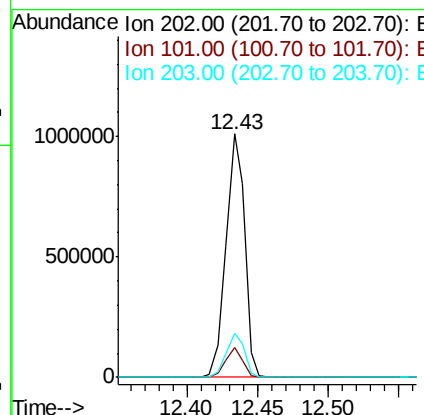
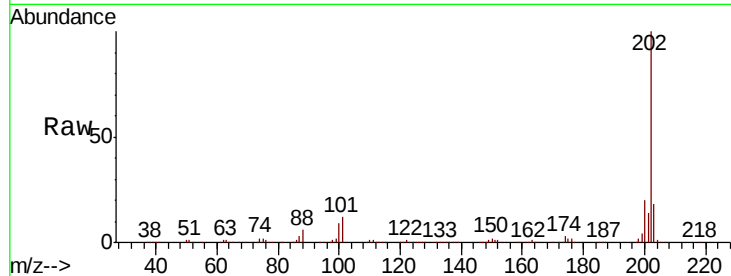
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	924885		
101	12.3	0.0	32.2	
203	18.0	0.0	38.2	

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#76

Chrysene-d12

Concen: 20.000 ng

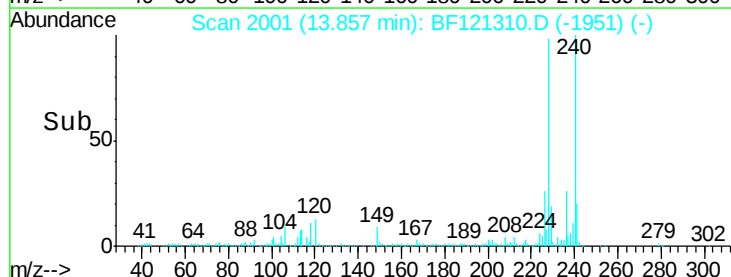
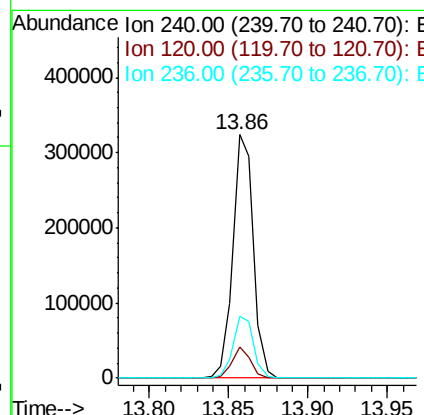
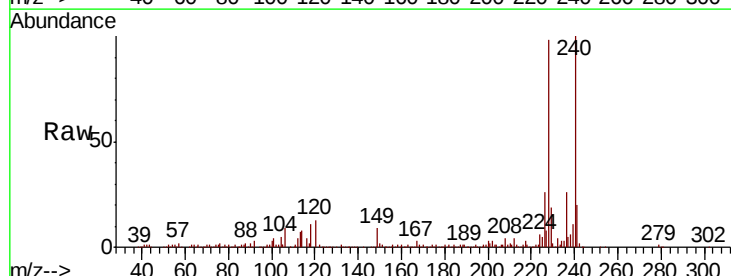
RT: 13.86 min Scan# 2001

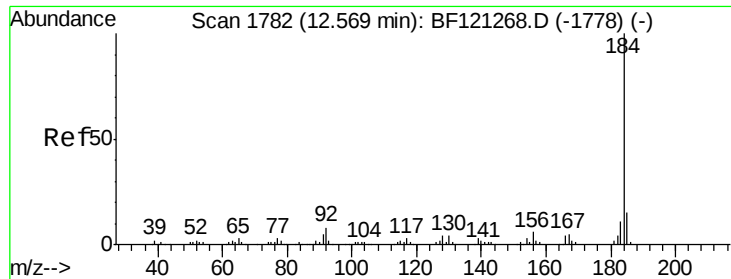
Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	288319		
120	12.6	8.3	12.5#	
236	25.6	21.2	31.8	





#77

Benzidine

Concen: 51.299 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121310.D

Acq: 17 Aug 2020 15:16

Instrument :

BNA_F

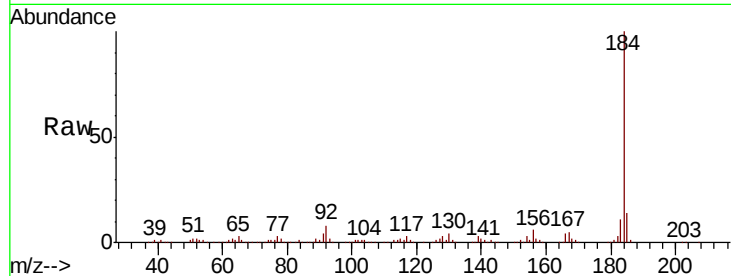
ClientSampleId :

S706-N-SO-0-0.5-081320MSD

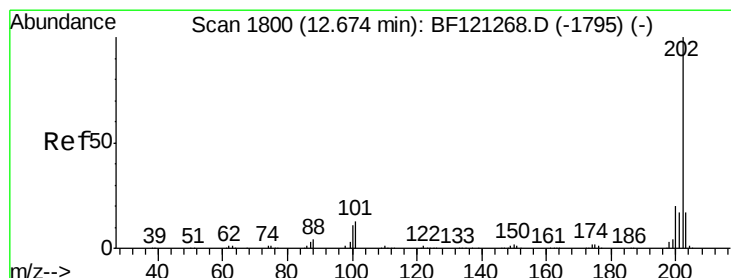
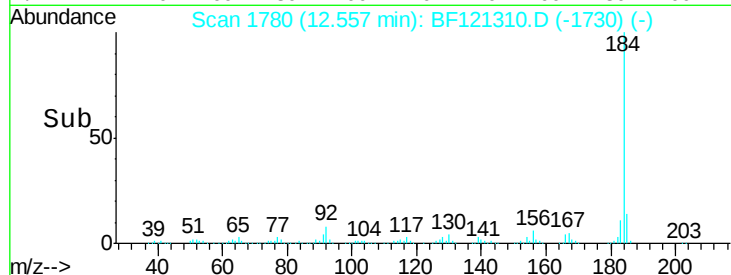
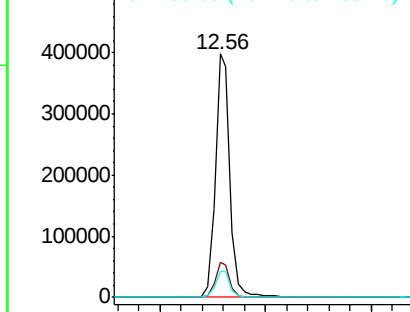
Tot Ion:	184	Resp:	388822
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.1	16.7
183	10.7	8.6	13.0

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



#78

Pyrene

Concen: 43.033 ng

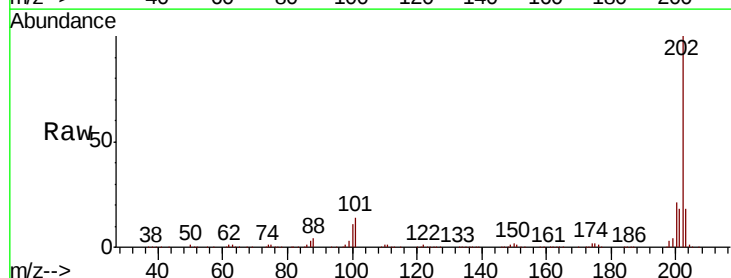
RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

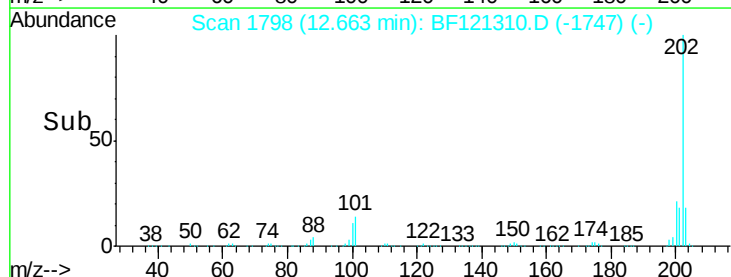
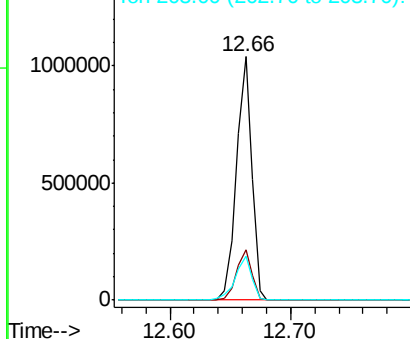
Lab File: BF121310.D

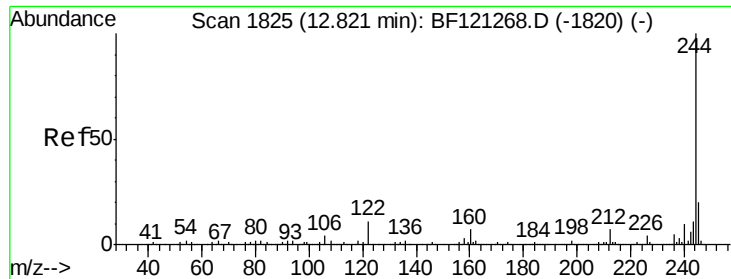
Acq: 17 Aug 2020 15:16

Tgt Ion:	202	Resp:	923927
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.4	24.6
203	18.1	14.2	21.4



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





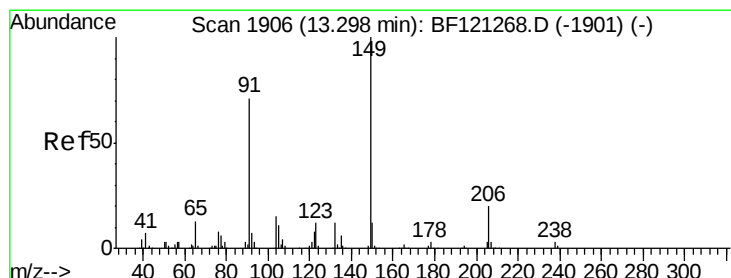
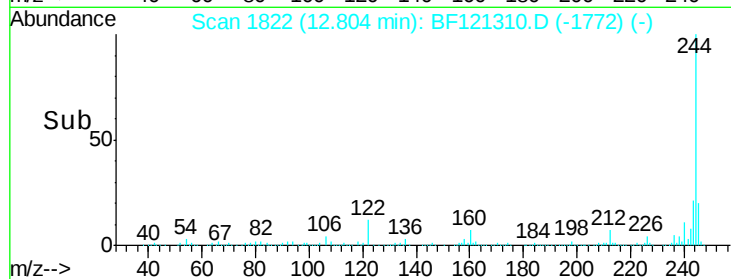
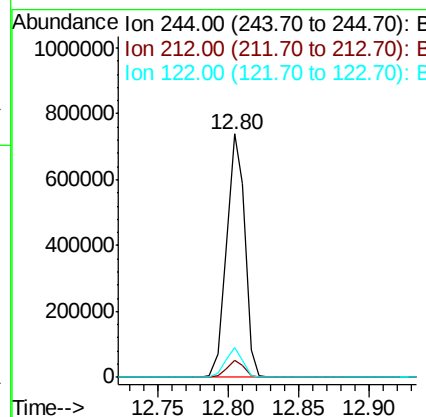
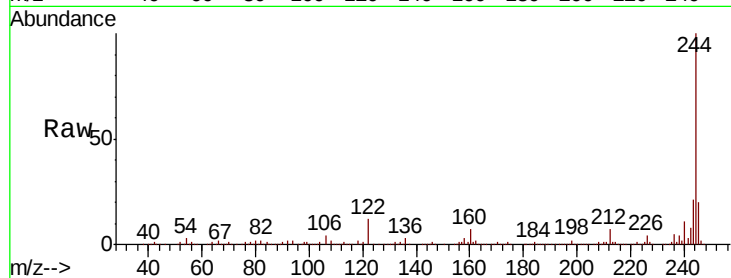
#79
 Terphenyl-d14
 Concen: 44.495 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.4	8.0	
122	12.1	9.0	13.6	

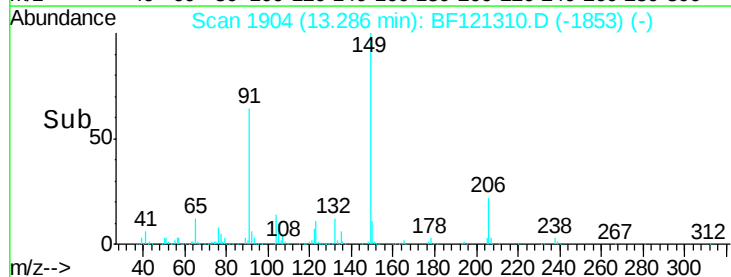
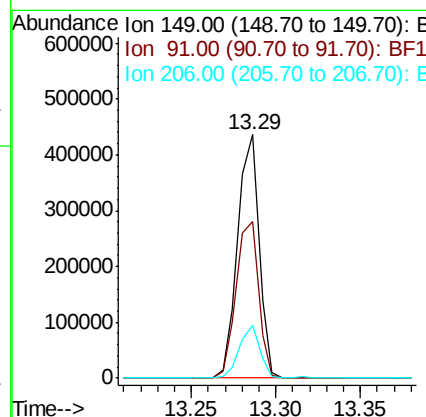
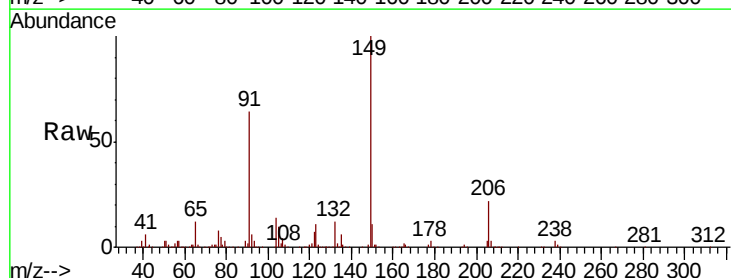
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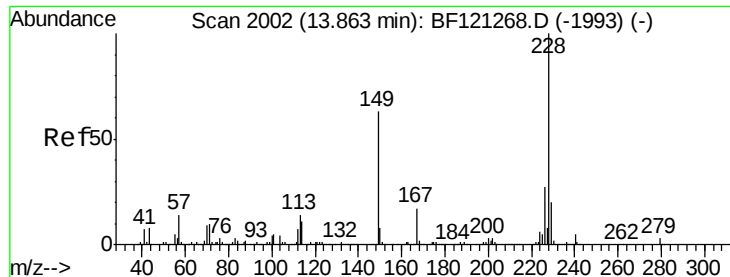
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.900 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.3	53.0	79.4	
206	21.7	16.7	25.1	





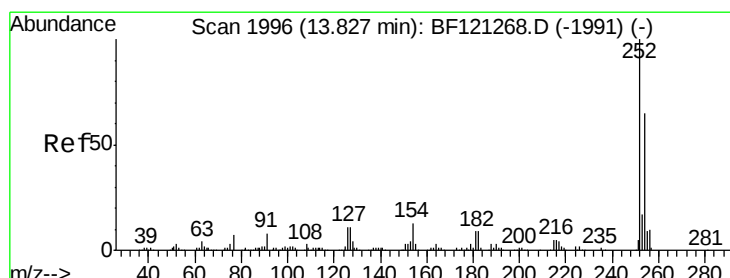
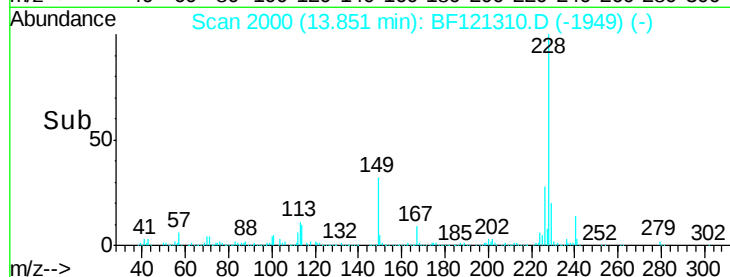
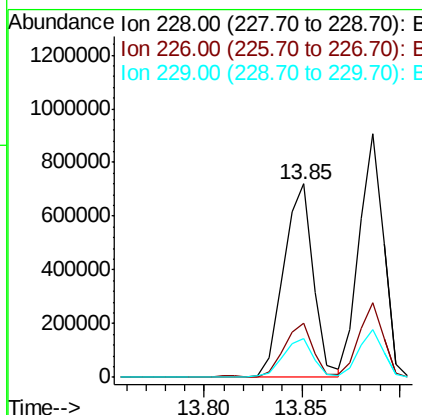
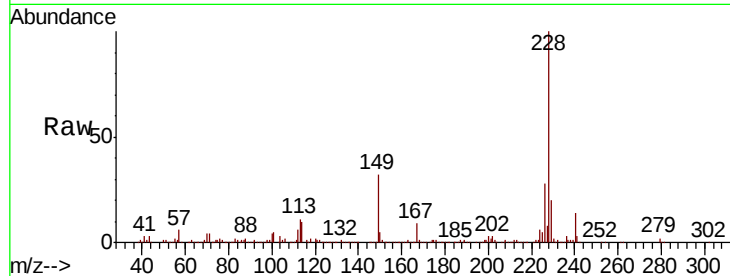
#81
Benzo(a)anthracene
Concen: 38.866 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.1	15.8	23.6

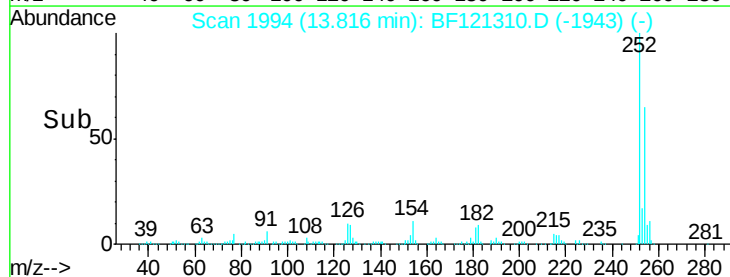
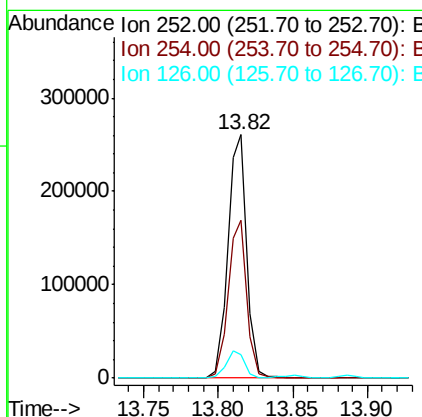
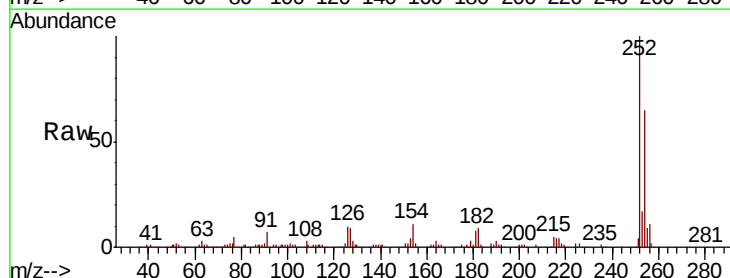
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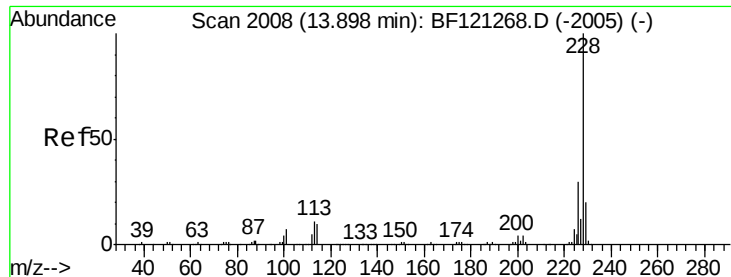
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.186 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.2	78.2
126	9.6	9.1	13.7





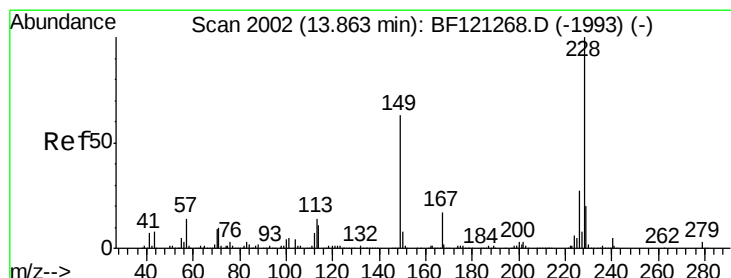
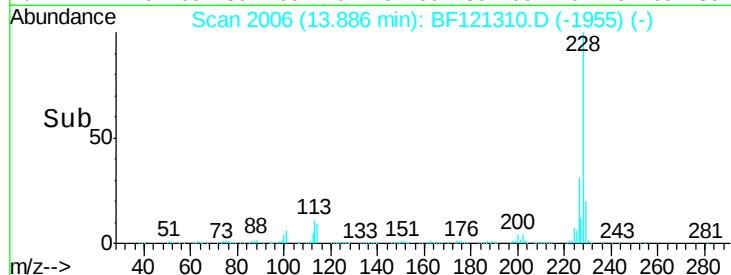
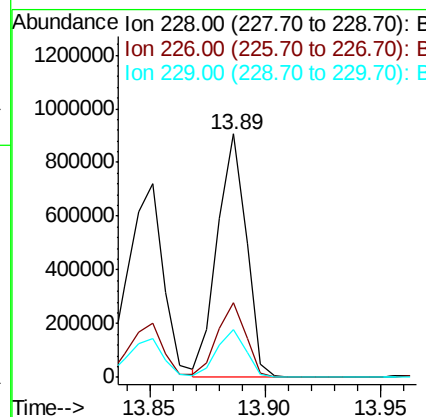
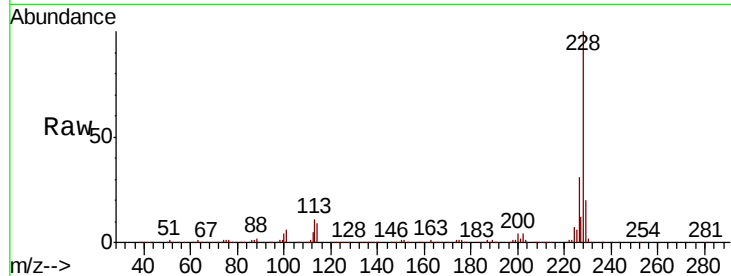
#83
Chrysene
Concen: 39.394 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	19.9	16.3	24.5

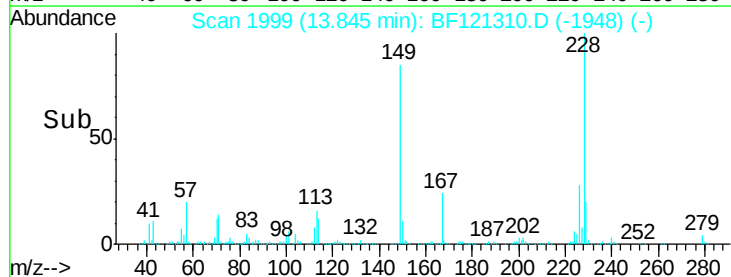
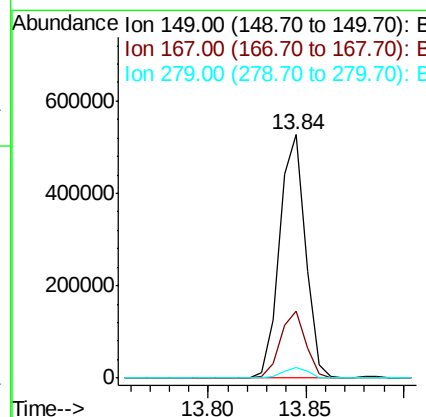
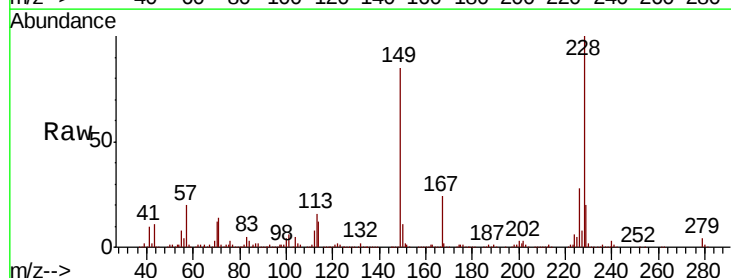
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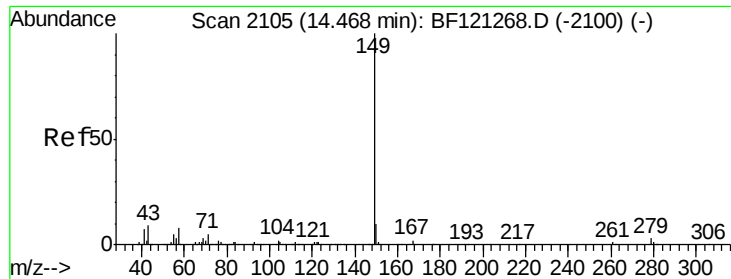
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.038 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.5	32.3
279	4.4	2.9	4.3#





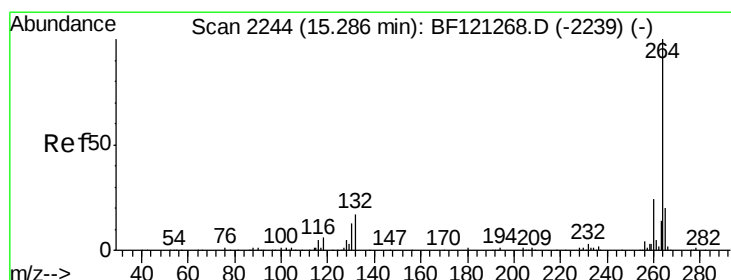
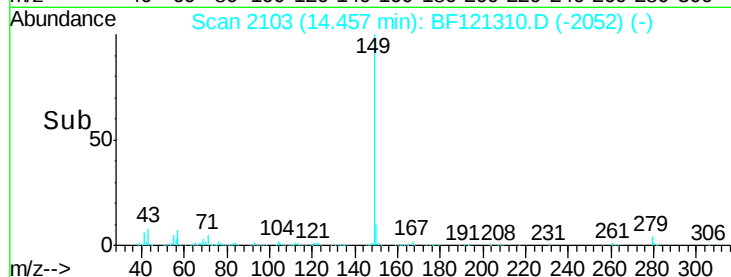
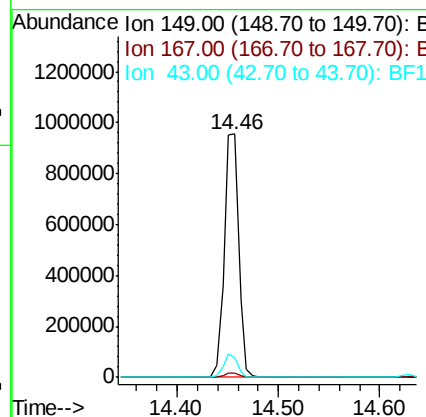
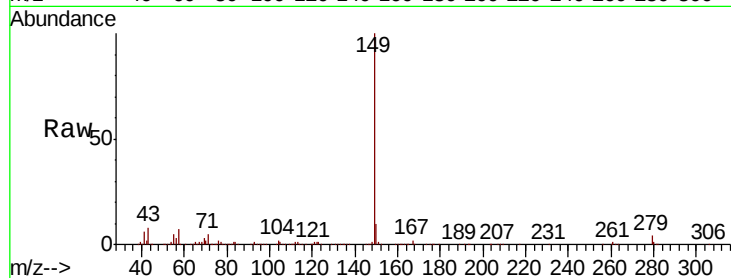
#85
Di-n-octyl phthalate
Concen: 42.438 ng
RT: 14.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	940569		
167	1.6		1.2	1.8
43	9.1		7.2	10.8

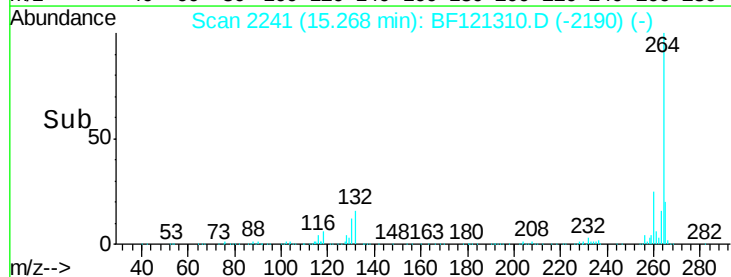
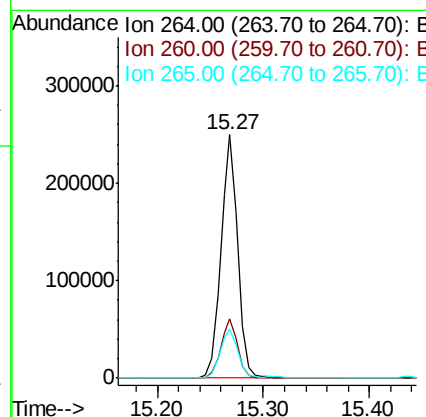
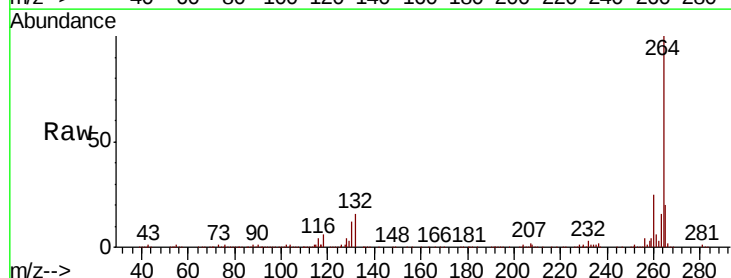
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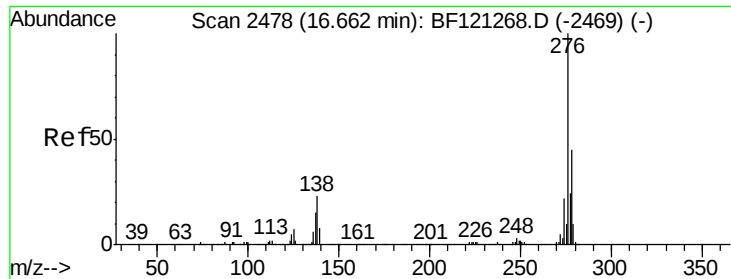
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	279247		
260	24.6		19.1	28.7
265	20.4		17.1	25.7





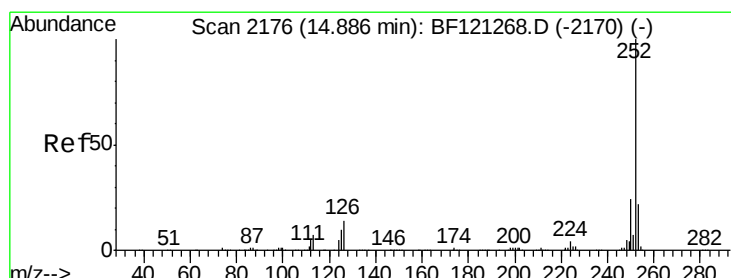
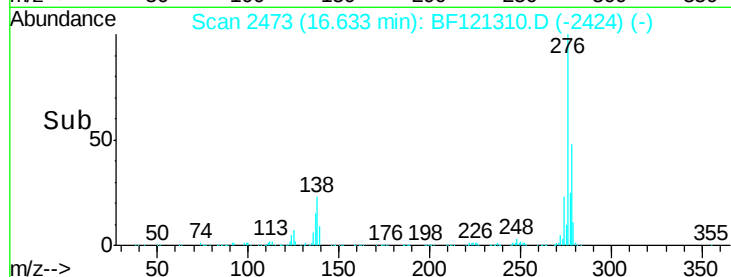
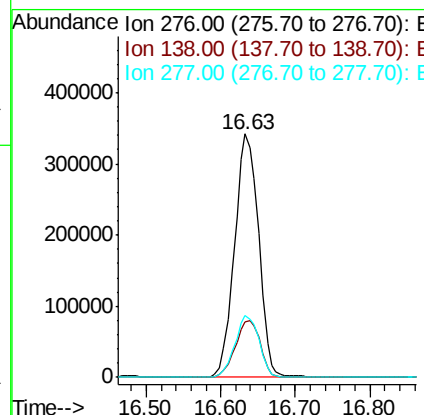
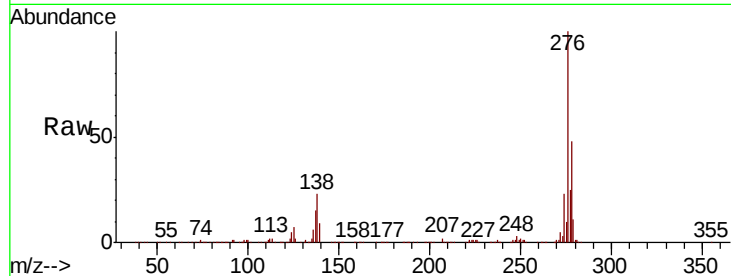
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.042 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.6	29.4
277	25.7	20.4	30.6

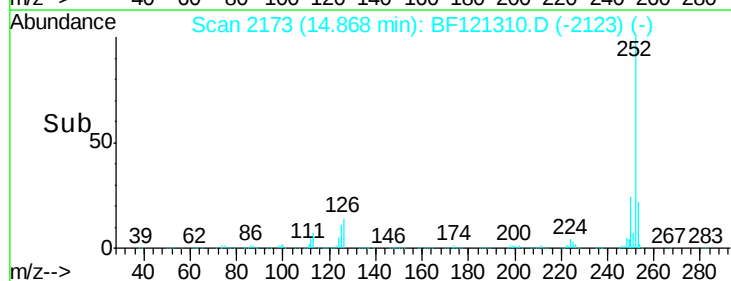
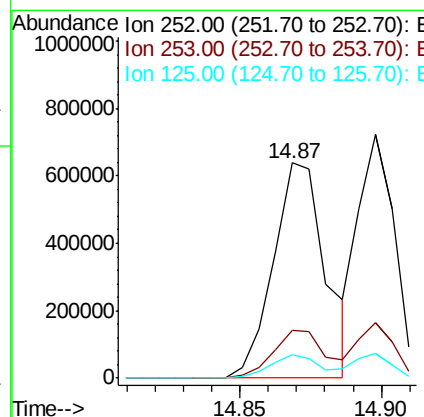
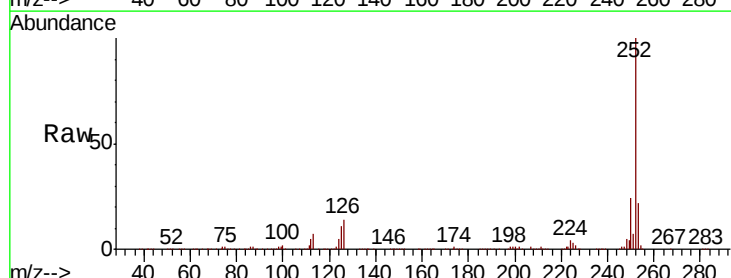
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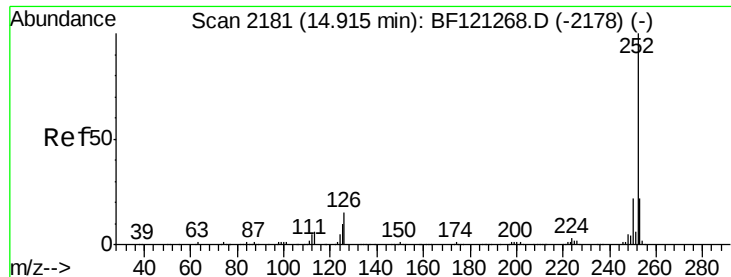
mohammad
 8/18/2020 1:50:13 PM



#88
 Benzo(b)fluoranthene
 Concen: 43.983 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF121310.D
 Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	7.5	11.3





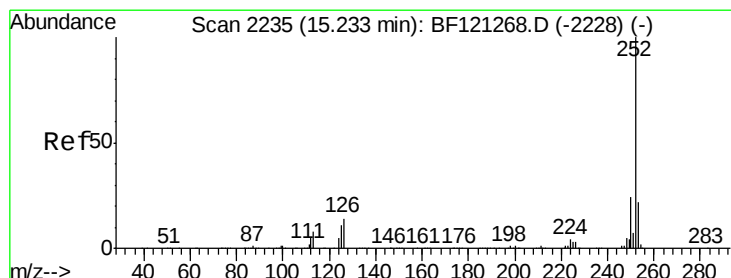
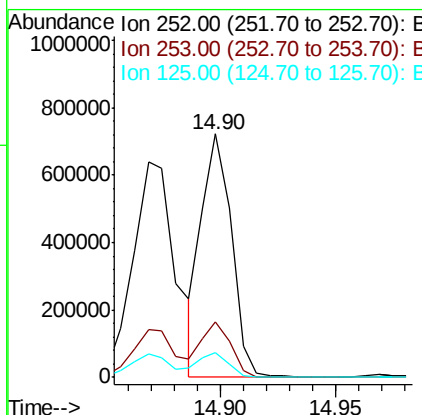
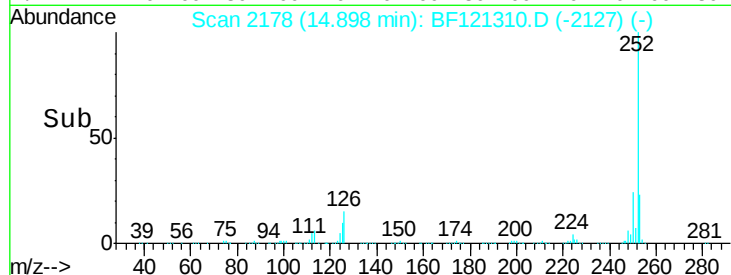
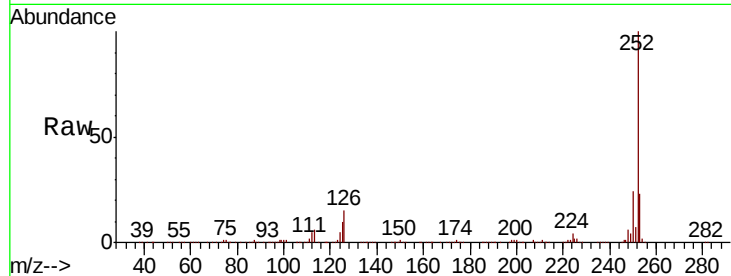
#89
Benzo(k)fluoranthene
Concen: 37.337 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.4	8.2	12.4

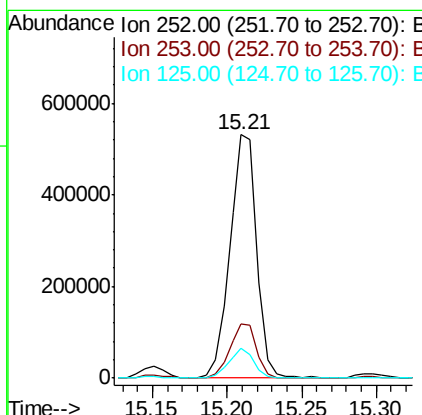
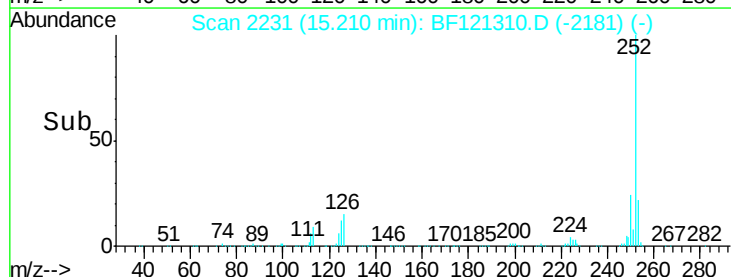
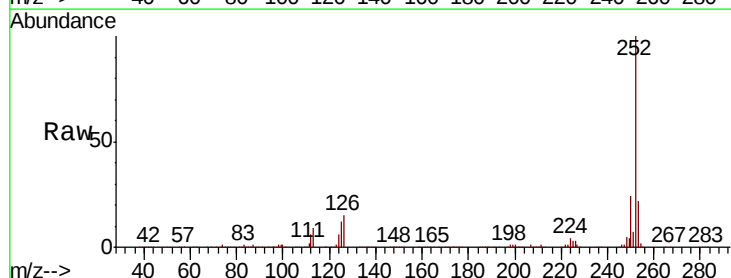
Manual Integrations
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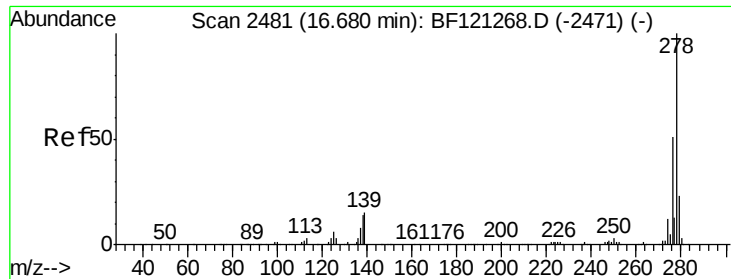
mohammad
8/18/2020 1:50:13 PM



#90
Benzo(a)pyrene
Concen: 39.335 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	12.1	8.7	13.1





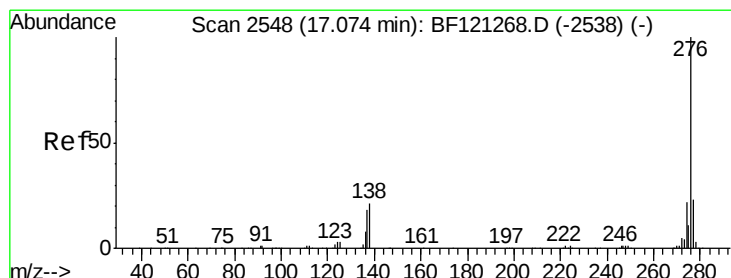
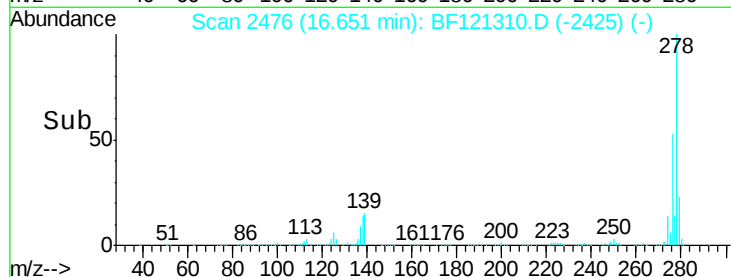
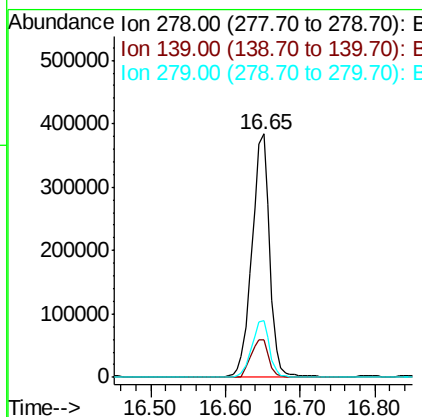
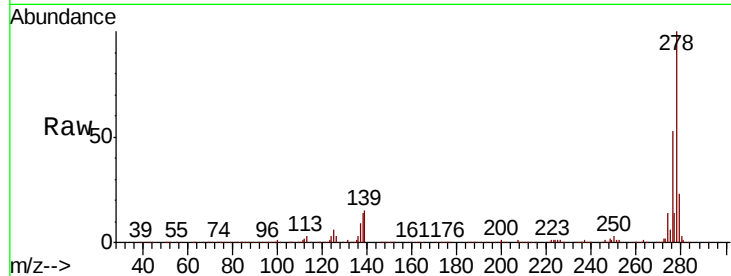
#91
Dibenzo(a,h)anthracene
Concen: 35.639 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Instrument :
BNA_F
ClientSampleId :
S706-N-SO-0-0.5-081320MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.1	19.7
279	23.5	18.6	27.8

Manual Integrations
APPROVED

mohammad
8/18/2020 1:50:13 PM



#92
Benzo(g,h,i)perylene
Concen: 38.003 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF121310.D
Acq: 17 Aug 2020 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	20.5	16.6	24.8

