

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
 Data File : BF121309.D
 Acq On : 17 Aug 2020 14:45
 Operator : JU/CG
 Sample : L3691-12MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 17 17:15:25 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	80515	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	316320	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	168164	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	338094	20.00	ng	0.00
76) Chrysene-d12	13.86	240	292135	20.00	ng	0.00
86) Perylene-d12	15.27	264	302254	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	407973	76.82	ng	0.00
7) Phenol-d6	6.35	99	489686	71.55	ng	0.00
23) Nitrobenzene-d5	7.27	82	317674	54.89	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	158302	76.46	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	585439	48.16	ng	0.00
79) Terphenyl-d14	12.80	244	663872	44.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.30	88	86510	38.278	ng	99
3) Pyridine	3.00	79	193319	32.859	ng	100
4) n-Nitrosodimethylamine	2.95	42	101888	42.286	ng	97
6) Aniline	6.36	93	213041	26.260	ng	# 59
8) 2-Chlorophenol	6.49	128	236463	40.492	ng	97
9) Benzaldehyde	6.25	77	139539	39.565	ng	94
10) Phenol	6.36	94	302824	40.790	ng	80
11) bis(2-Chloroethyl)ether	6.44	93	219208	40.906	ng	99
12) 1,3-Dichlorobenzene	6.65	146	240991	39.056	ng	99
13) 1,4-Dichlorobenzene	6.72	146	245094	39.299	ng	99
14) 1,2-Dichlorobenzene	6.87	146	233119	39.605	ng	99
15) Benzyl Alcohol	6.85	79	185931	40.558	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	311882	40.418	ng	100
17) 2-Methylphenol	6.97	107	186823	40.500	ng	99
18) Hexachloroethane	7.22	117	87844	39.829	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	147642	38.828	ng	98
20) 3+4-Methylphenols	7.12	107	233984	39.980	ng	# 80
22) Acetophenone	7.12	105	307107	37.694	ng	# 96
24) Nitrobenzene	7.29	77	236642	37.681	ng	97
25) Isophorone	7.53	82	429129	36.929	ng	97
26) 2-Nitrophenol	7.61	139	122568	40.280	ng	95
27) 2,4-Dimethylphenol	7.65	122	205022	42.052	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	275460	42.381	ng	99
29) 2,4-Dichlorophenol	7.85	162	191071	38.325	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	205139	37.280	ng	98
31) Naphthalene	8.01	128	661086	37.148	ng	100
32) Benzoic acid	7.77	122	110576	42.010	ng	99
33) 4-Chloroaniline	8.06	127	128815	17.737	ng	100
34) Hexachlorobutadiene	8.13	225	120445	36.177	ng	98
35) Caprolactam	8.43	113	63864m	42.528	ng	
36) 4-Chloro-3-methylphenol	8.55	107	202711	39.852	ng	98
37) 2-Methylnaphthalene	8.70	142	450806	38.495	ng	100
38) 1-Methylnaphthalene	8.80	142	417357	37.640	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	209609	37.200	ng	99

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 S706-N-SO-0-0.5-081320MS

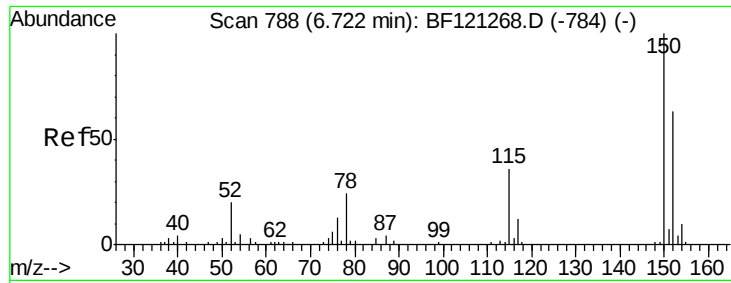
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Quant Time: Aug 17 17:15:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 10:52:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	126411	61.515	nq	97
43) 2,4,6-Trichlorophenol	8.99	196	142156	39.669	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	152913	39.286	nq	97
46) 1,1'-Biphenyl	9.17	154	547937	37.710	nq	99
47) 2-Chloronaphthalene	9.19	162	417392	37.316	nq	99
48) 2-Nitroaniline	9.29	65	128470	40.862	nq	95
49) Acenaphthylene	9.60	152	676020	38.053	nq	100
50) Dimethylphthalate	9.47	163	615283	48.623	nq	99
51) 2,6-Dinitrotoluene	9.53	165	109221	38.720	nq	94
52) Acenaphthene	9.77	154	391190	37.192	nq	99
53) 3-Nitroaniline	9.70	138	72267	22.438	nq	93
54) 2,4-Dinitrophenol	9.82	184	96115	66.739	nq	97
55) Dibenzofuran	9.95	168	602565	35.974	nq	97
56) 4-Nitrophenol	9.87	139	181946	87.538	nq	94
57) 2,4-Dinitrotoluene	9.94	165	146863	39.673	nq	98
58) Fluorene	10.29	166	457963	36.119	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	130403	42.373	nq	99
60) Diethylphthalate	10.17	149	499107	38.787	nq	98
61) 4-Chlorophenyl-phenylether	10.28	204	224793	36.452	nq	94
62) 4-Nitroaniline	10.31	138	120402	37.286	nq	99
63) Azobenzene	10.44	77	473336	36.815	nq	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	73116	36.525	nq	91
66) n-Nitrosodiphenylamine	10.40	169	428762	36.985	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	149795	37.983	nq	94
68) Hexachlorobenzene	10.84	284	167152	37.169	nq	95
69) Atrazine	10.93	200	121730	35.105	nq	98
70) Pentachlorophenol	11.03	266	178442	88.395	nq	97
71) Phenanthrene	11.25	178	757692	39.173	nq	100
72) Anthracene	11.30	178	749125	38.595	nq	99
73) Carbazole	11.46	167	703370	37.053	nq	100
74) Di-n-butylphthalate	11.79	149	852595	39.792	nq	100
75) Fluoranthene	12.43	202	926903	43.037	nq	100
77) Benzidine	12.56	184	397056	51.701	nq	100
78) Pyrene	12.66	202	927854	42.651	nq	99
80) Butylbenzylphthalate	13.29	149	386291	43.471	nq	97
81) Benzo(a)anthracene	13.85	228	774876	39.107	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	239919	30.519	nq	99
83) Chrysene	13.89	228	805082	39.797	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	485368	39.628	nq	99
85) Di-n-octyl phthalate	14.46	149	967130	43.067	nq	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	834717	37.144	nq	99
88) Benzo(b)fluoranthene	14.87	252	834013	41.182	nq	99
89) Benzo(k)fluoranthene	14.90	252	726672	38.639	nq	99
90) Benzo(a)pyrene	15.22	252	709606	38.821	nq	99
91) Dibenzo(a,h)anthracene	16.65	278	675928	35.103	nq	98
92) Benzo(g,h,i)perylene	17.04	276	700028	36.839	nq	98

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



#1

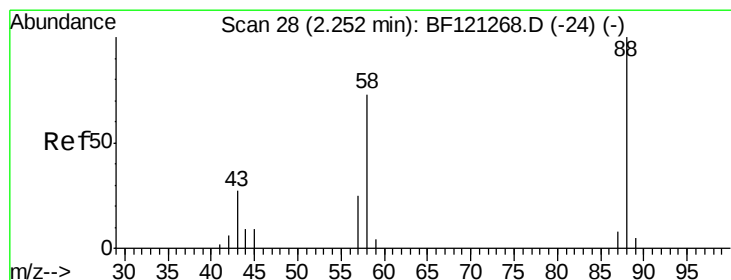
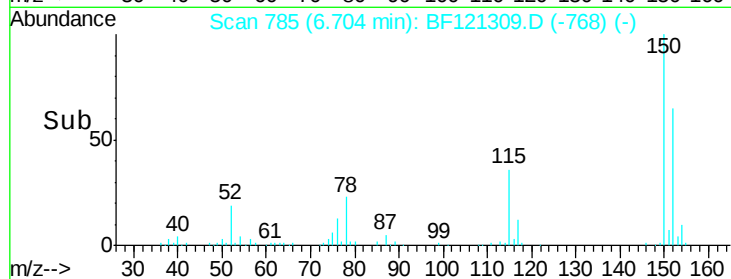
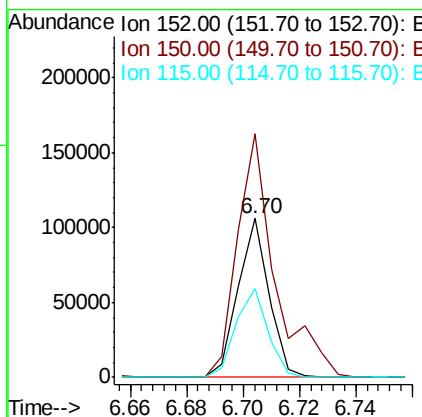
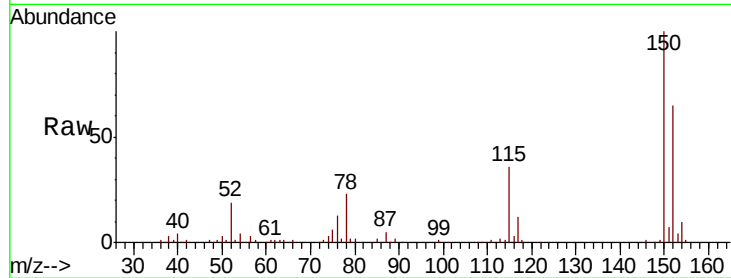
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.9	185.9
115	56.0	47.3	70.9

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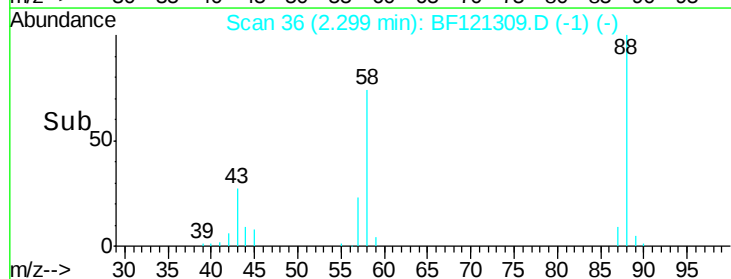
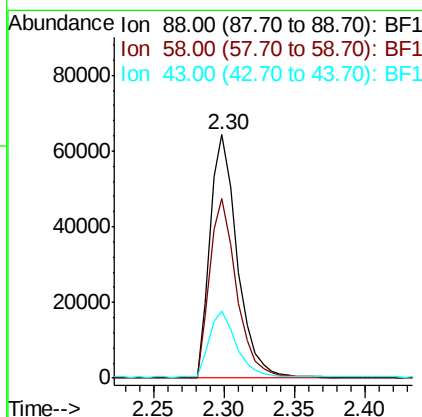
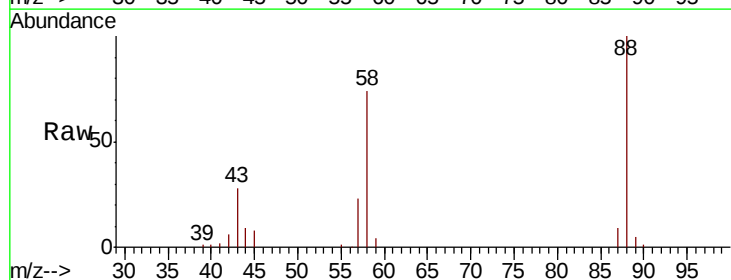
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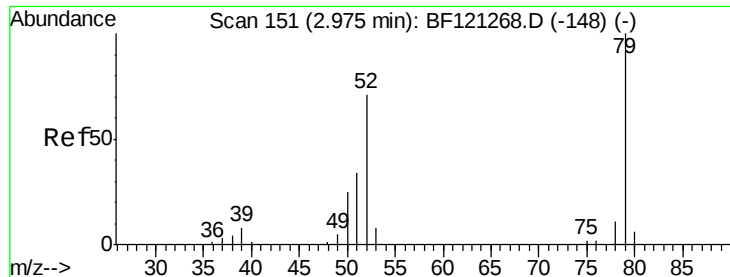


#2

1,4-Dioxane
Concen: 38.278 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	57.8	86.8
43	28.4	22.2	33.2





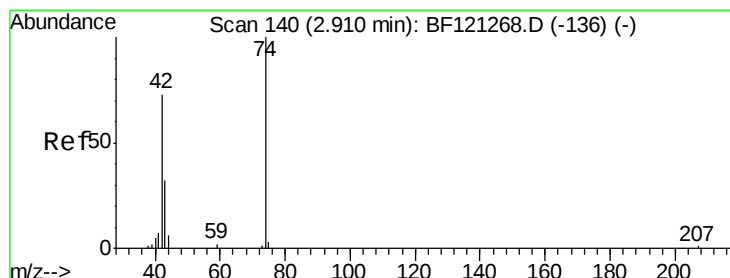
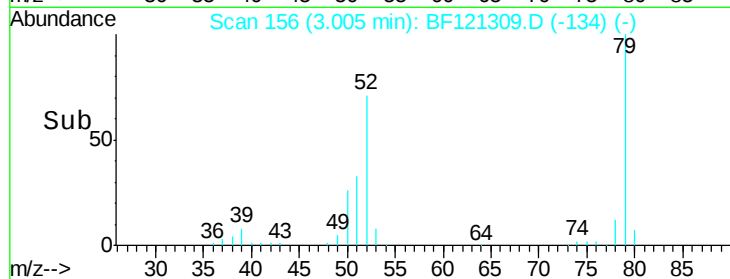
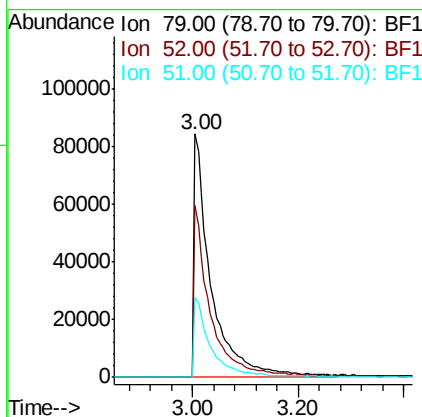
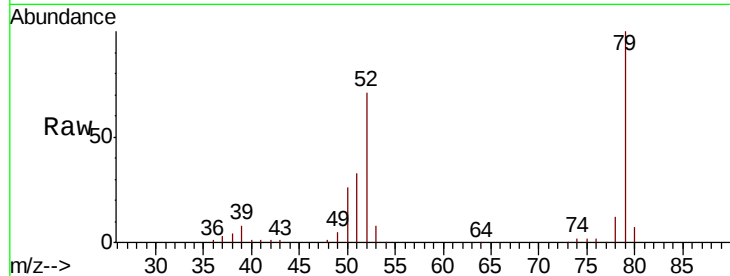
#3
 Pvridine
 Concen: 32.859 ng
 RT: 3.00 min Scan# 156
 Delta R.T. 0.03 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion:	79	Resp:	193319
Ion	Ratio	Lower	Upper
79	100		
52	70.6	56.9	85.3
51	32.8	26.3	39.5

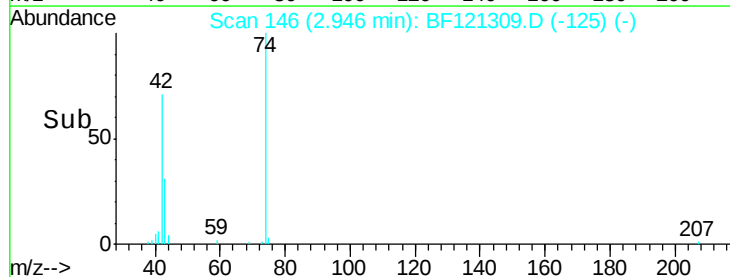
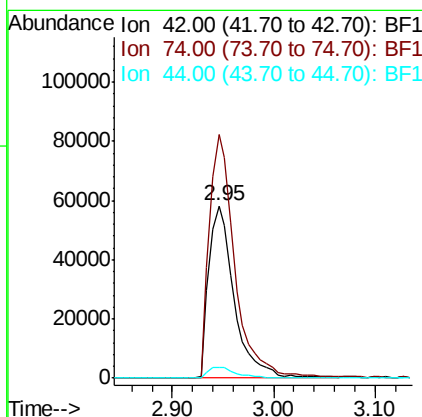
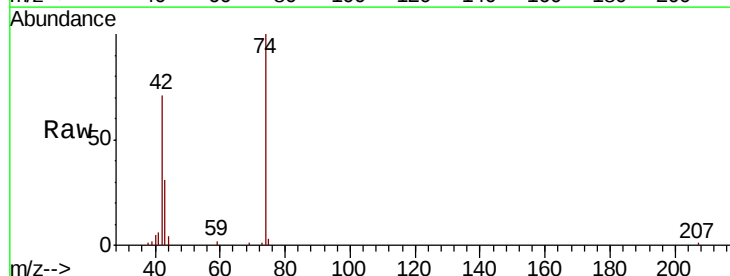
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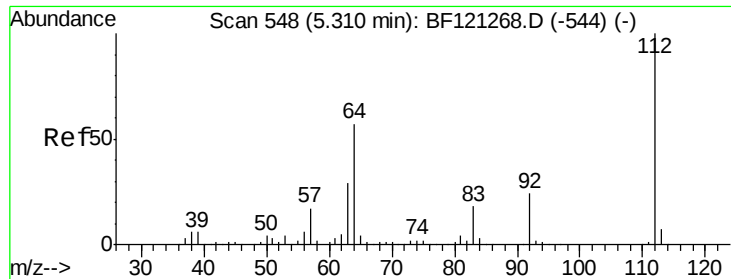
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#4
 n-Nitrosodimethylamine
 Concen: 42.286 ng
 RT: 2.95 min Scan# 146
 Delta R.T. 0.02 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:	42	Resp:	101888
Ion	Ratio	Lower	Upper
42	100		
74	141.1	115.8	173.8
44	6.1	5.7	8.5





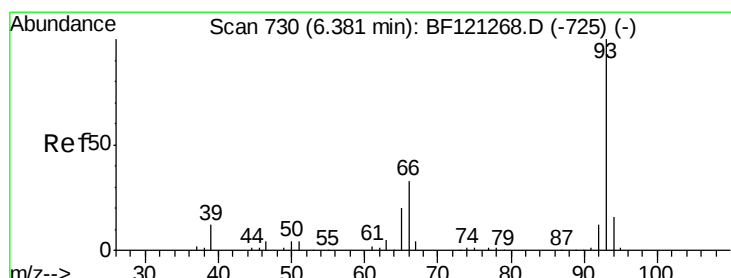
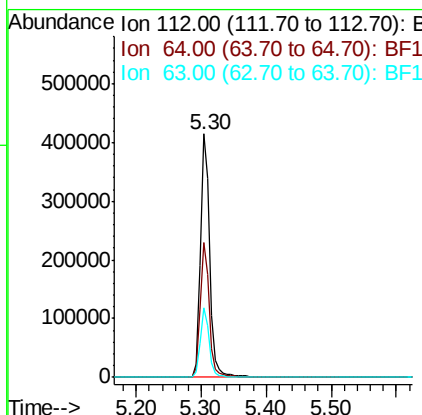
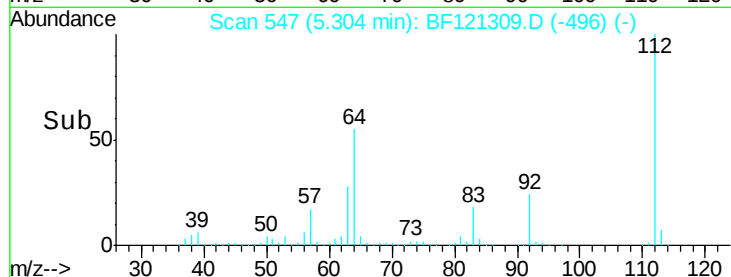
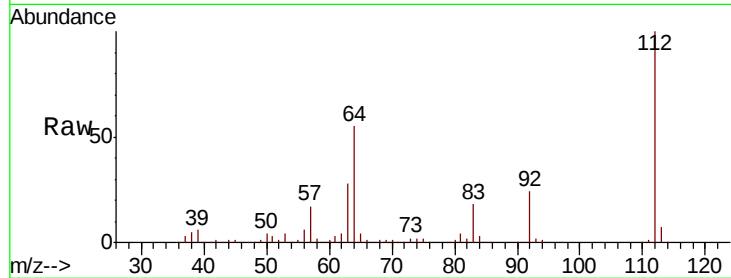
#5
2-Fluorophenol
Concen: 76.820 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Resp	Lower	Upper
112	100	407973		
64	55.1	42.9	64.3	
63	28.3	22.2	33.2	

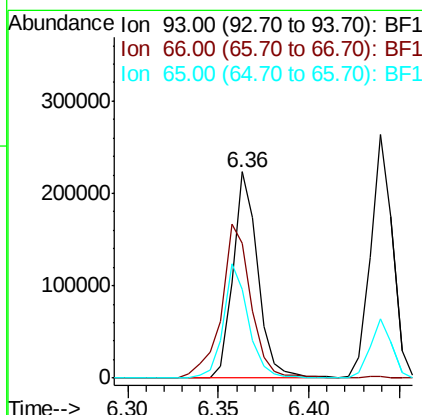
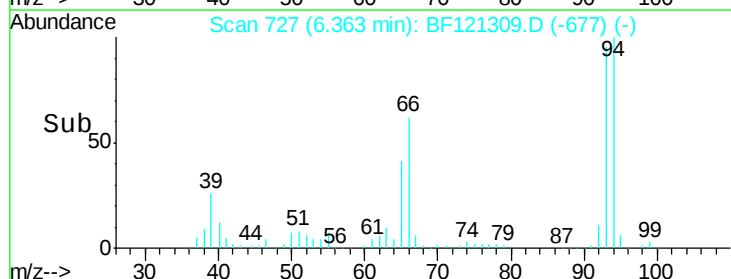
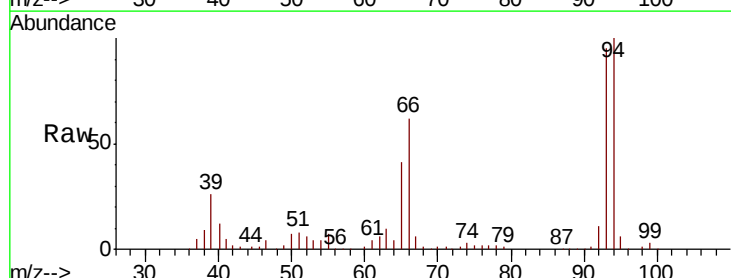
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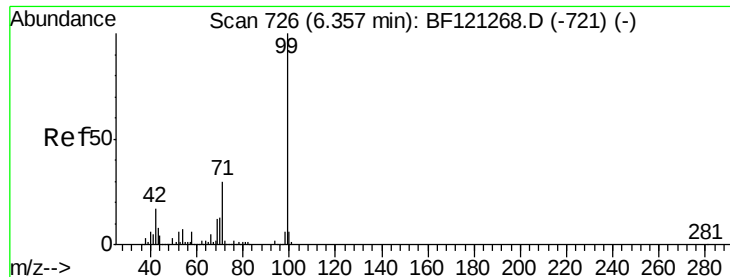
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#6
Aniline
Concen: 26.260 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213041		
66	65.3	32.2	48.4#	
65	42.8	18.2	27.4#	





#7

Phenol-d6

Concen: 71.553 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

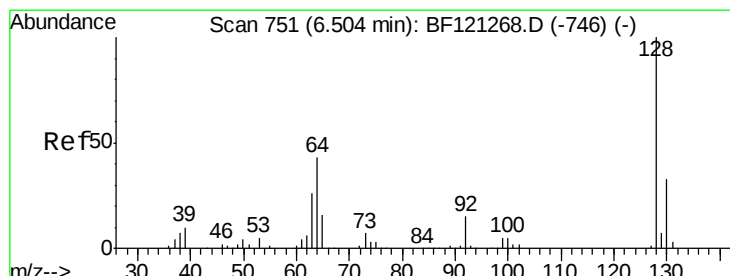
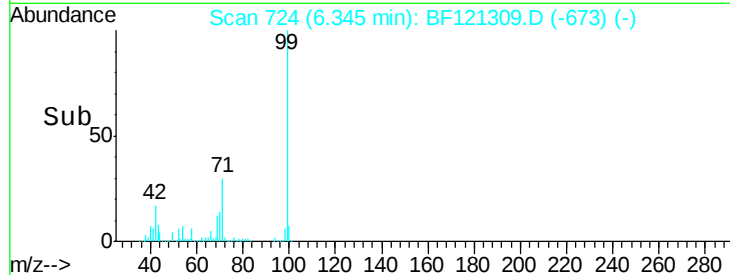
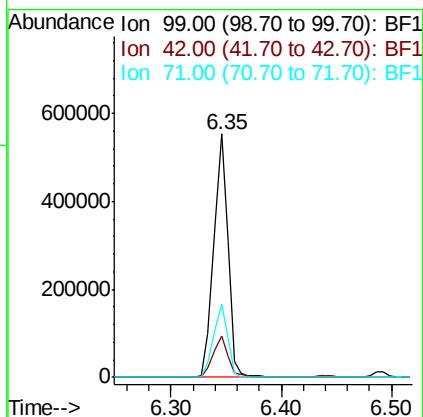
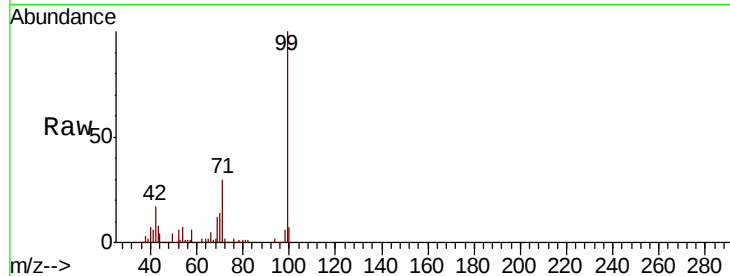
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		489686		
42	17.1	13.8	20.8		
71	30.2	24.8	37.2		

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#8

2-Chlorophenol

Concen: 40.492 ng

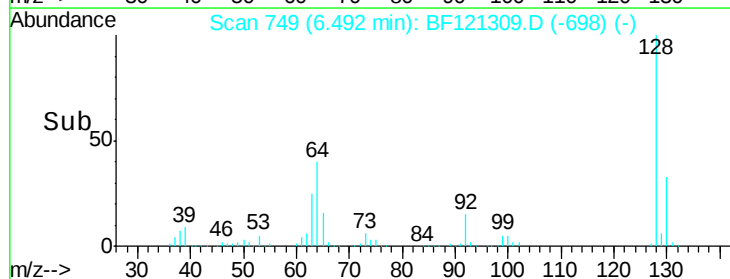
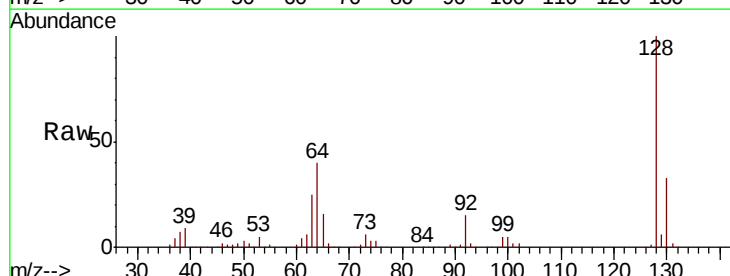
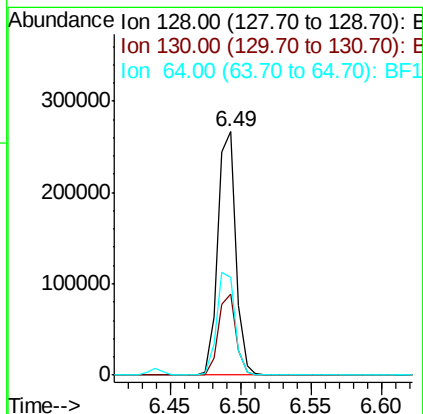
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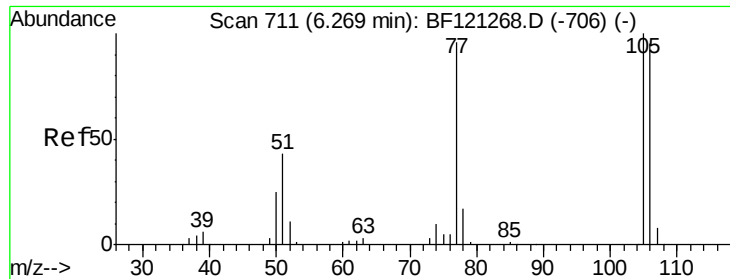
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		236463		
130	33.1	11.9	51.9		
64	40.2	22.5	62.5		





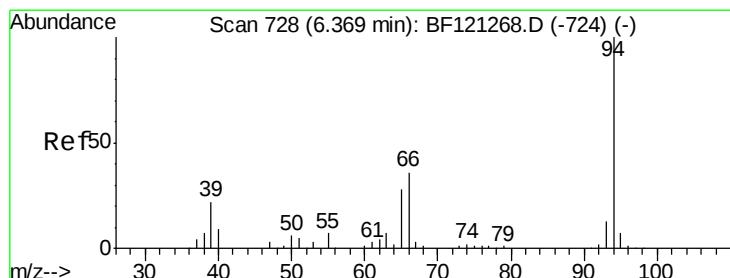
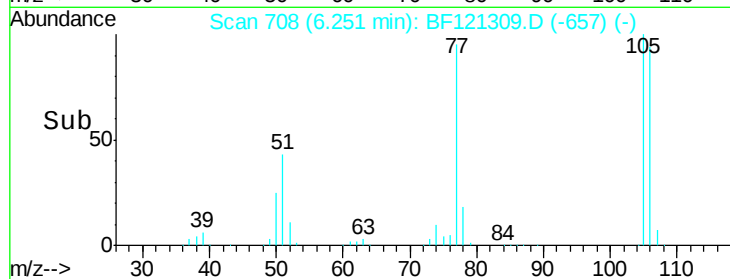
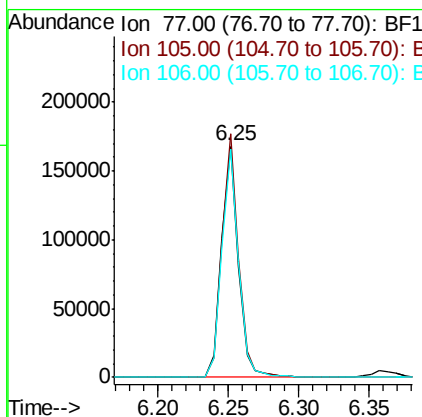
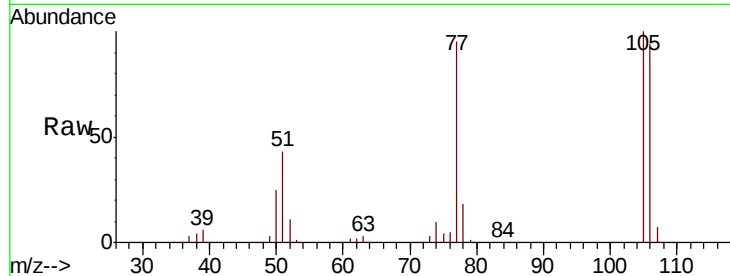
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Benzaldehyde
Concen: 39.565 ng
RT: 6.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.3	77.6	117.6
106	98.8	74.9	114.9

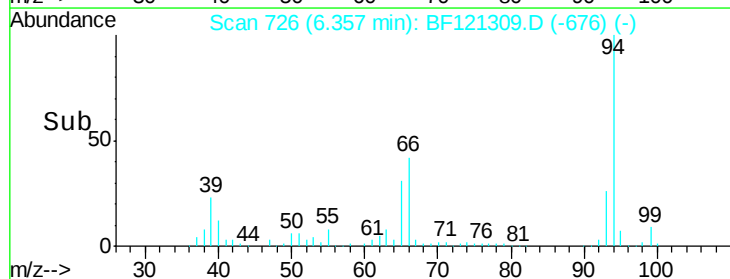
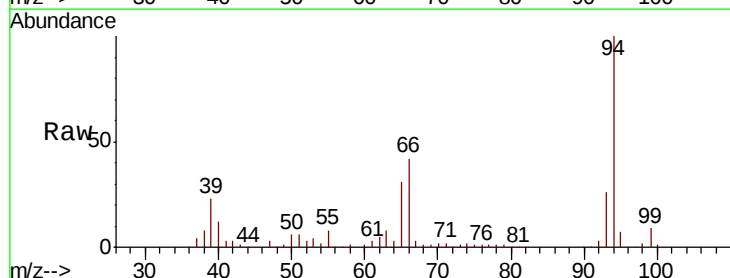
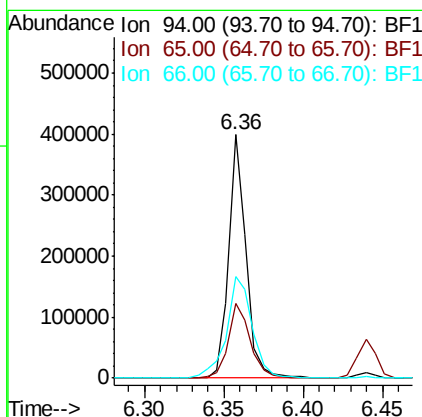
Manual Integrations
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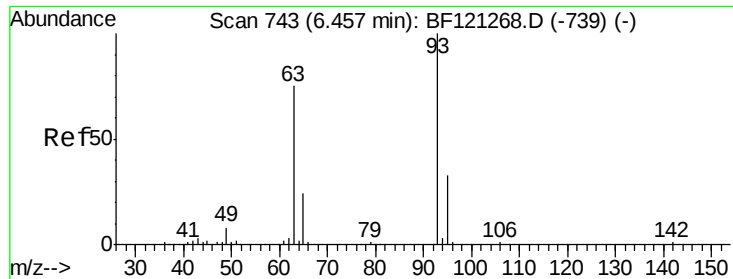
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#10
Phenol
Concen: 40.790 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.9	19.2	59.2
66	41.8	39.6	79.6





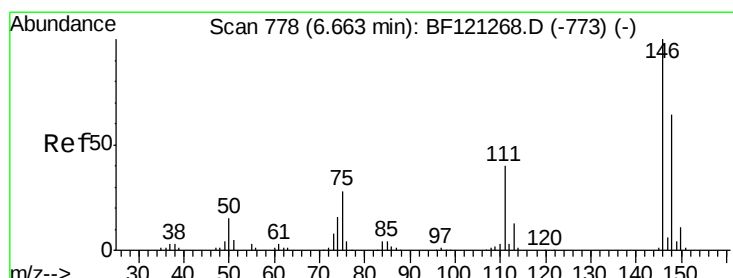
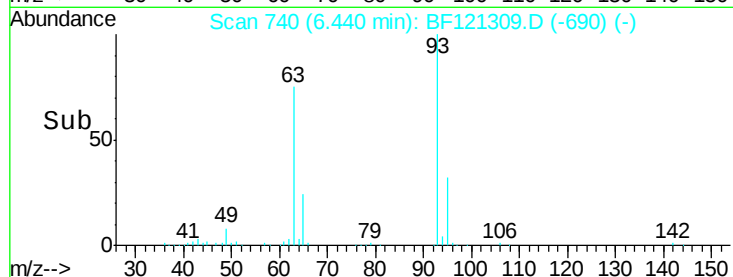
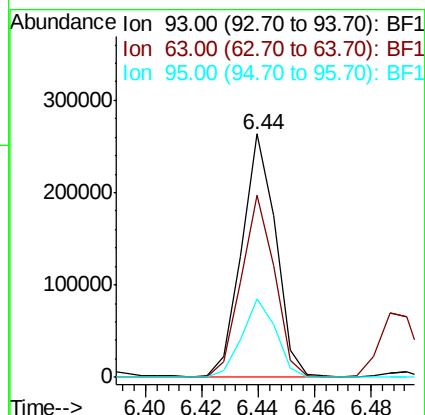
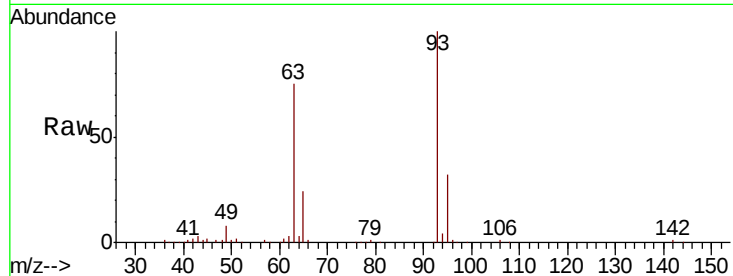
#11
bis(2-Chloroethyl)ether
Concen: 40.906 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	93	Resp	219208
Ion	Ratio	Lower	Upper
93	100		
63	74.6	53.9	93.9
95	32.1	12.4	52.4

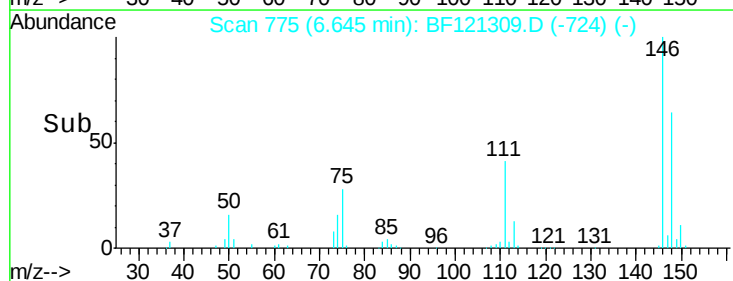
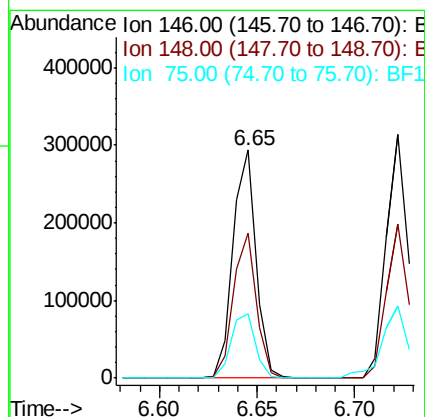
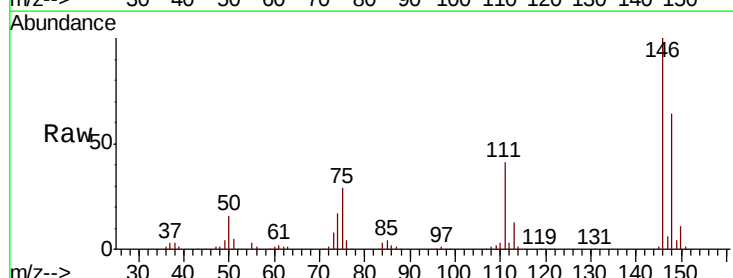
Manual Integrations
APPROVED

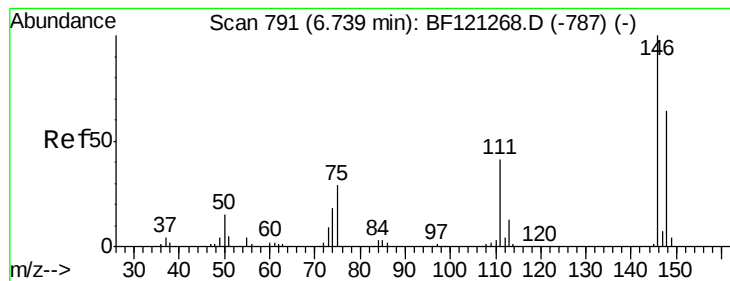
mohammad
8/18/2020 1:50:10 PM



#12
1,3-Dichlorobenzene
Concen: 39.056 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	146	Resp	240991
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
75	28.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 39.299 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

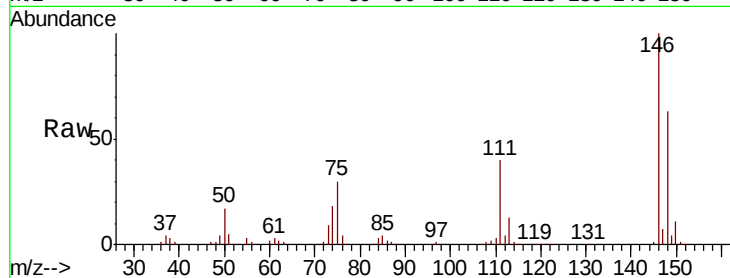
ClientSampleId :

S706-N-SO-0-0.5-081320MS

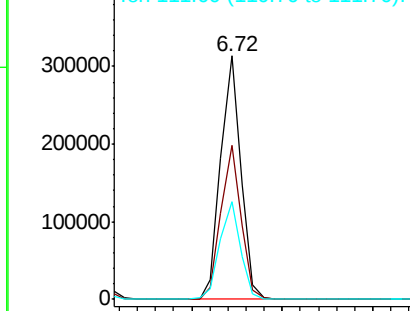
Tot Ion:	146	Resp:	245094
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	40.2	33.0	49.6

Manual Integrations
APPROVED

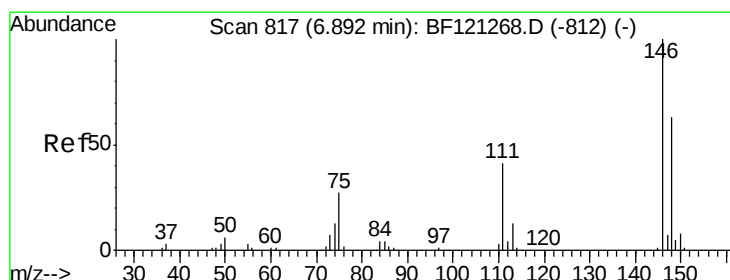
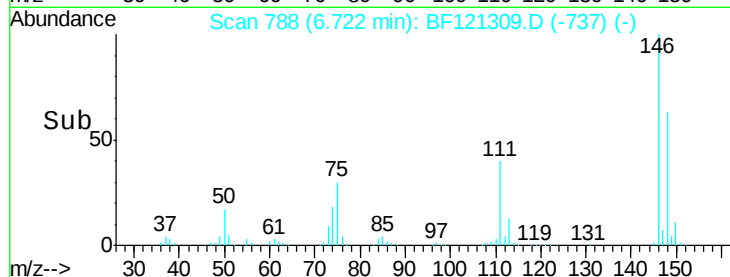
mohammad
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 39.605 ng

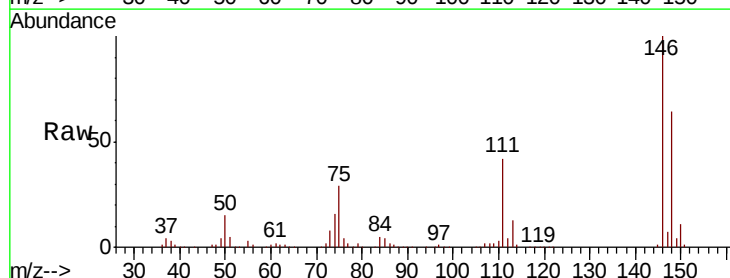
RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

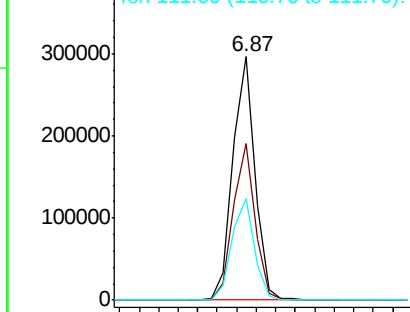
Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

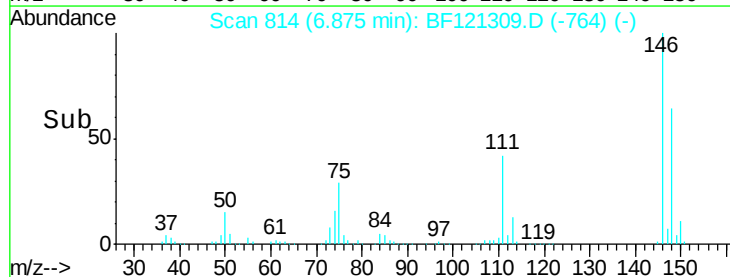
Tgt Ion:	146	Resp:	233119
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.4	77.0
111	41.7	32.3	48.5

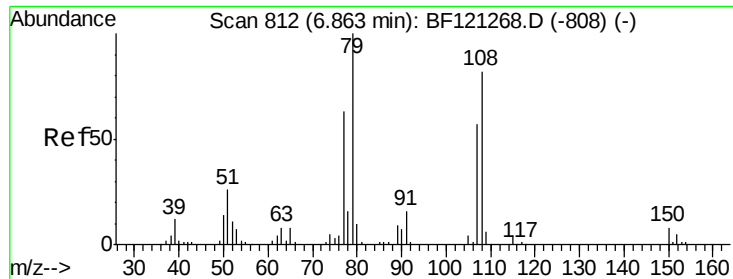


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time-->





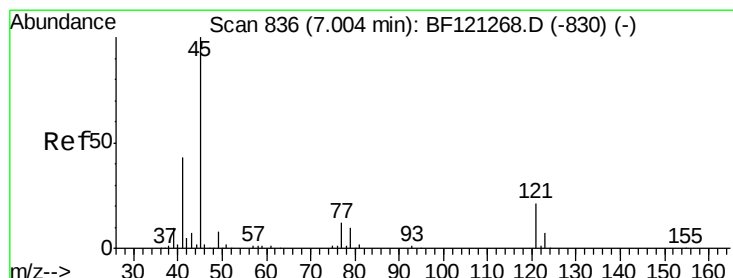
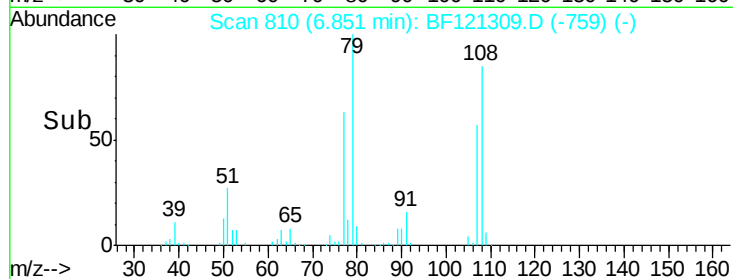
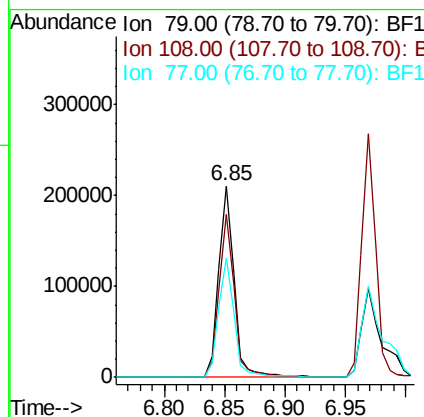
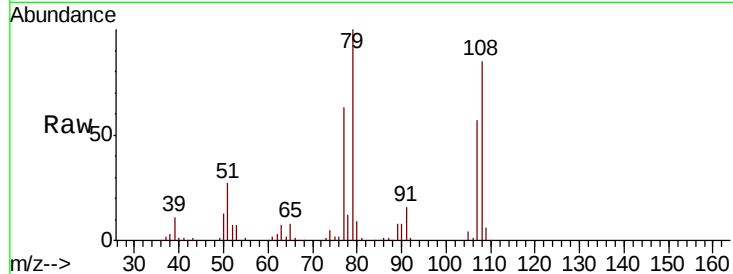
#15
Benzyl Alcohol
Concen: 40.558 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.2	66.3	99.5
77	62.5	50.0	75.0

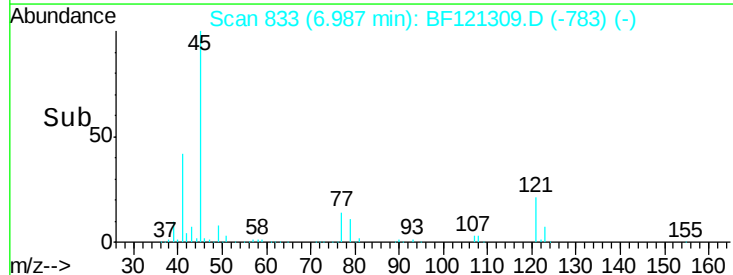
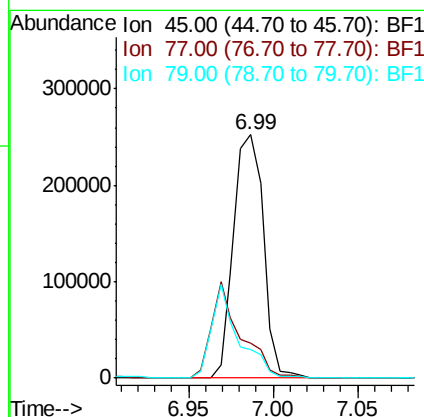
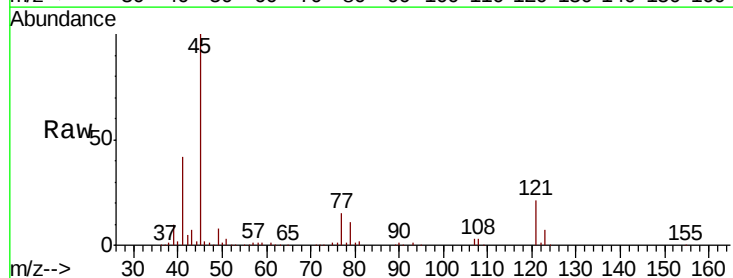
Manual Integrations
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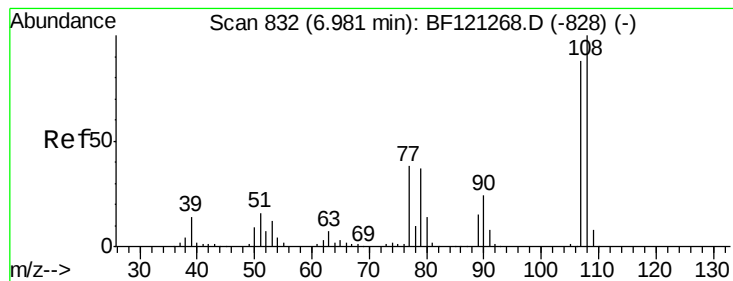
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.418 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.4
79	11.5	0.0	31.5





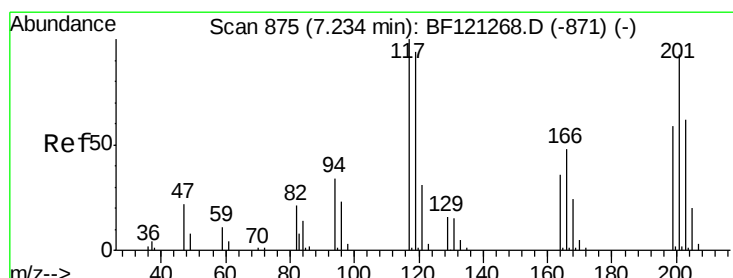
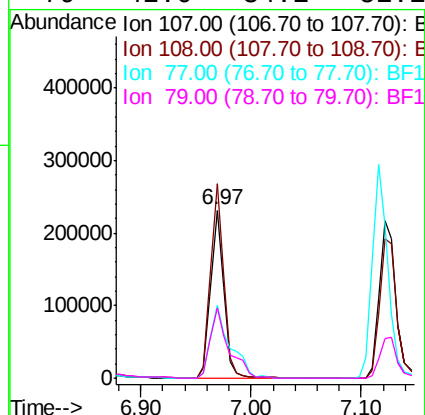
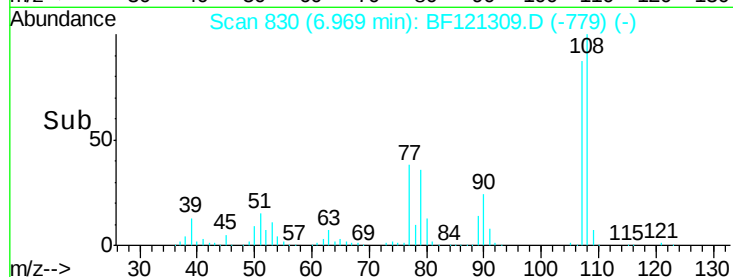
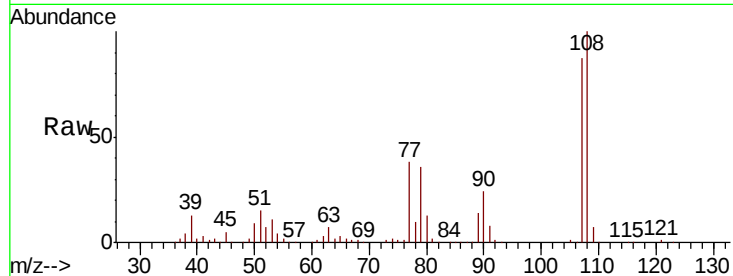
#17
2-Methylphenol
Concen: 40.500 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	93.4	140.0	
77	43.4	35.7	53.5	
79	42.0	34.1	51.1	

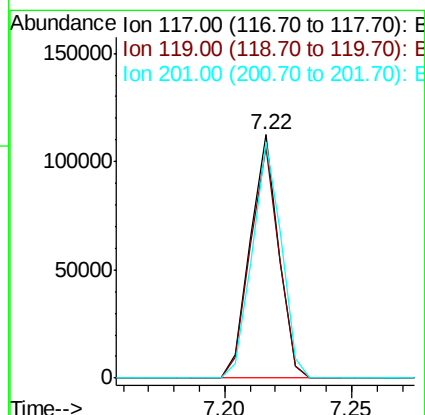
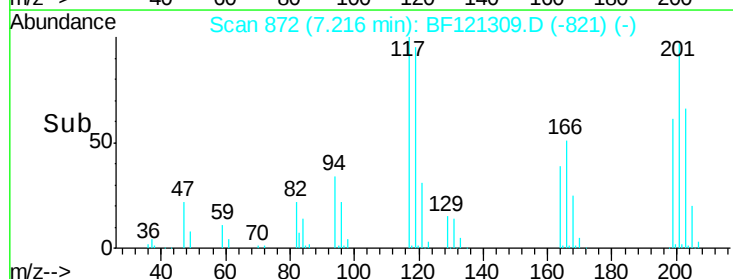
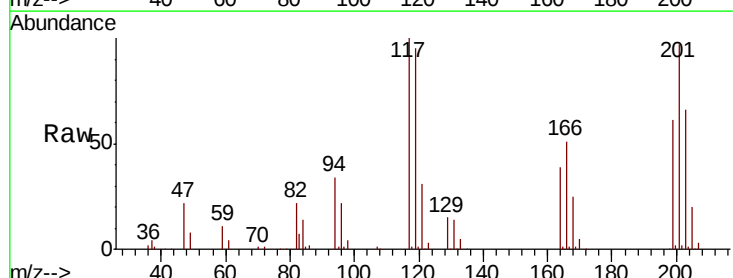
Manual Integrations
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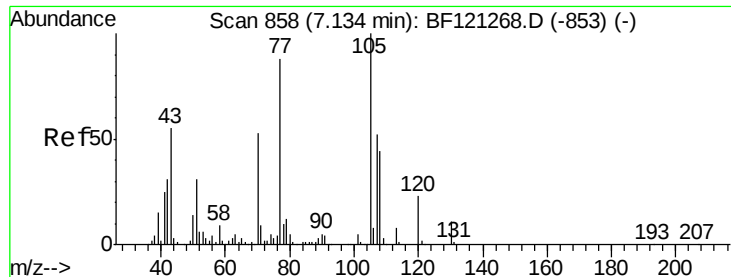
mohammad
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#18
Hexachloroethane
Concen: 39.829 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	74.6	112.0	
201	96.9	69.8	104.8	





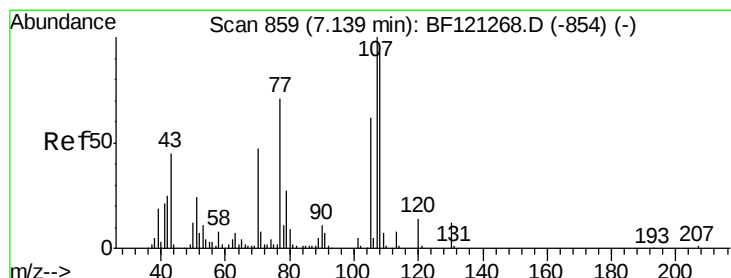
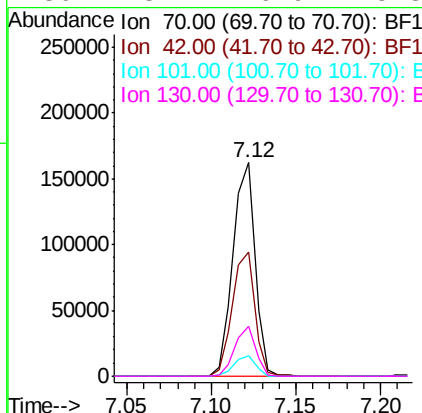
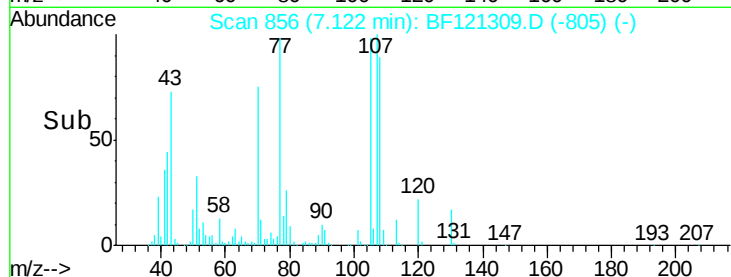
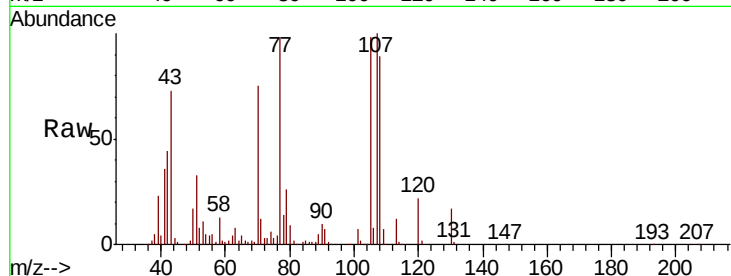
#19
n-Nitroso-di-n-propylamine
Concen: 38.828 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.0	70.6
101	9.6	7.6	11.4
130	23.1	16.9	25.3

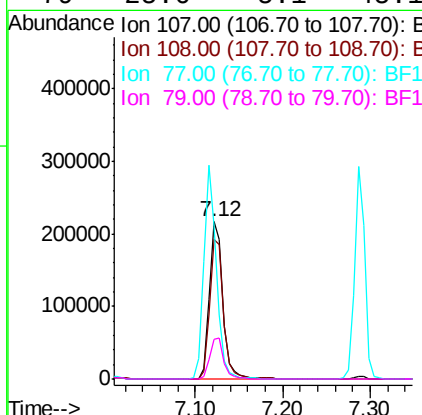
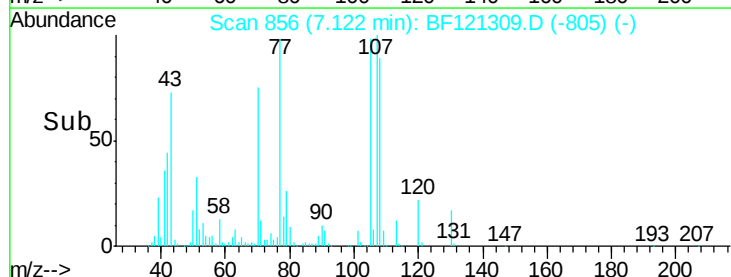
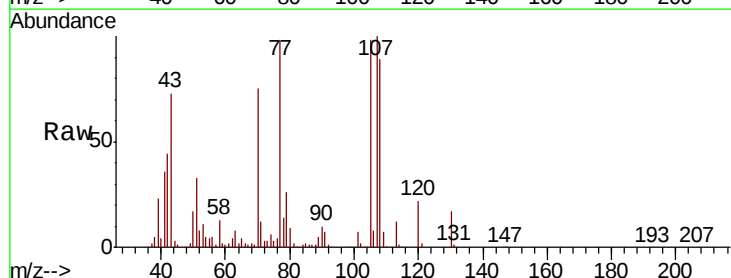
Manual Integrations
APPROVED

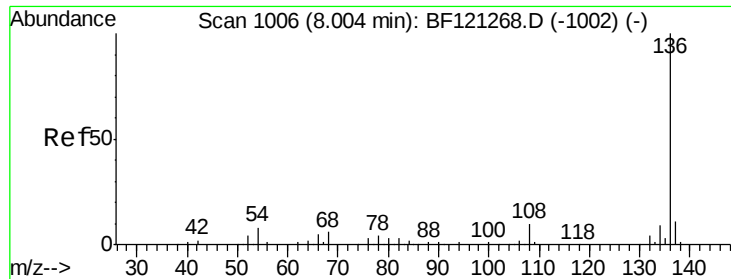
mohammad
8/18/2020 1:50:10 PM



#20
3+4-Methylphenols
Concen: 39.980 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.3	106.3
77	97.5	119.8	159.8#
79	25.6	5.1	45.1





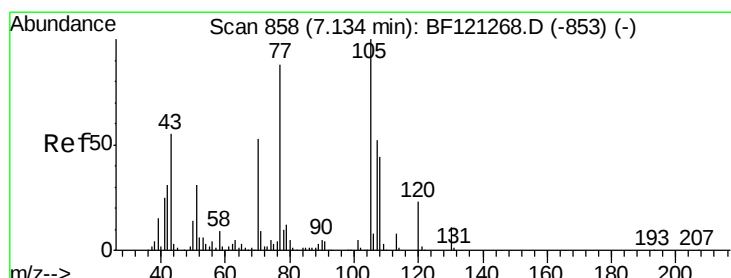
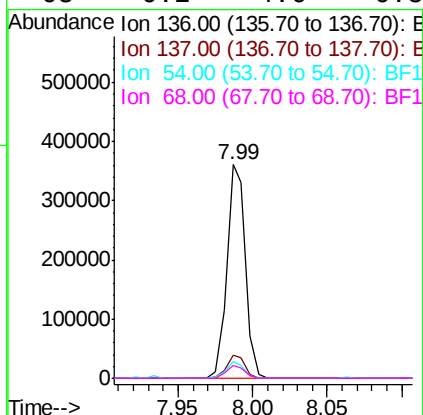
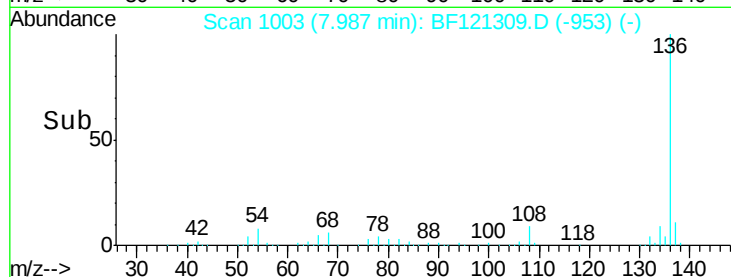
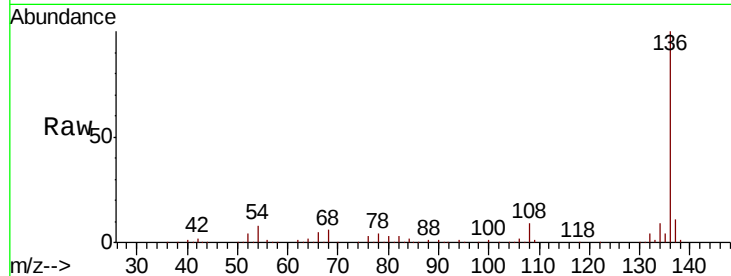
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.6	13.0	
54	7.7	5.4	8.2	
68	6.2	4.6	6.8	

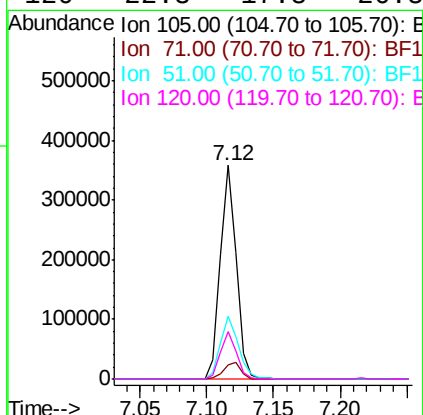
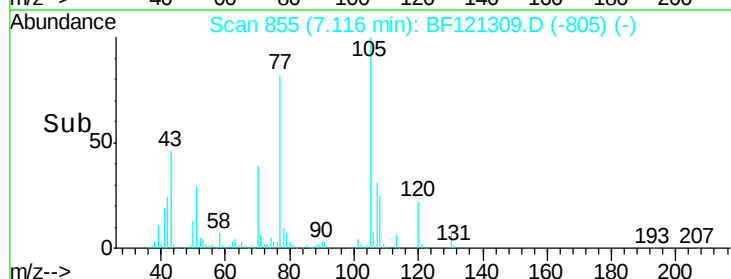
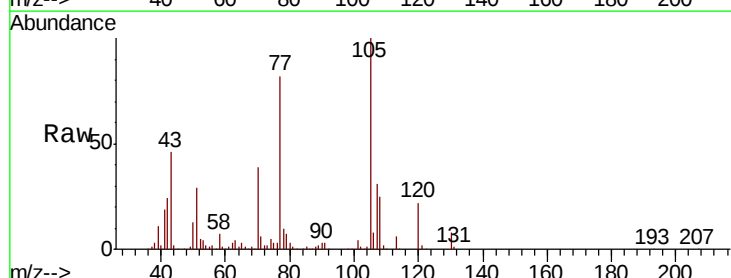
Manual Integrations
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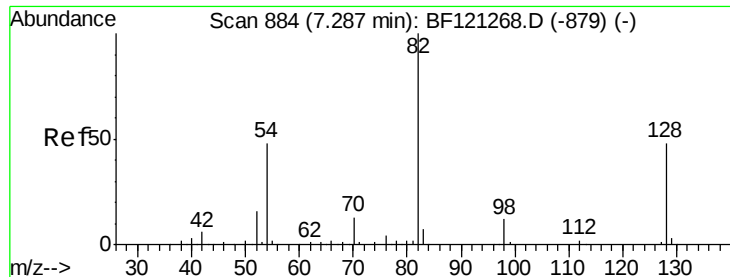
mohammad
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#22
Acetophenone
Concen: 37.694 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	7.1	10.7#	
51	29.2	25.9	38.9	
120	22.3	17.8	26.8	





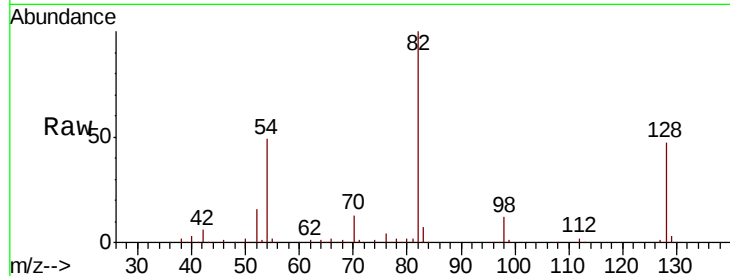
#23
Nitrobenzene-d5
Concen: 54.887 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

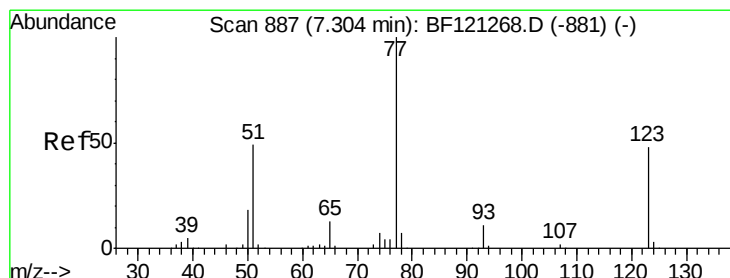
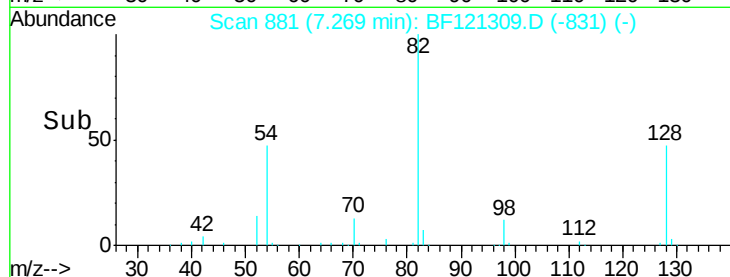
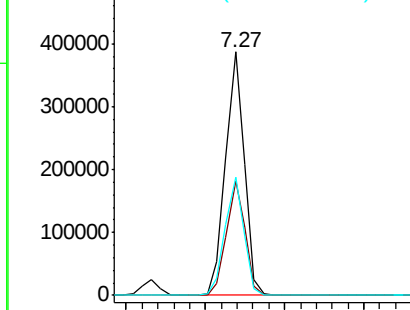
Tot Ion	Ratio	Resp	Lower	Upper
82	100	317674		
128	47.1		38.2	57.2
54	48.7		38.2	57.4

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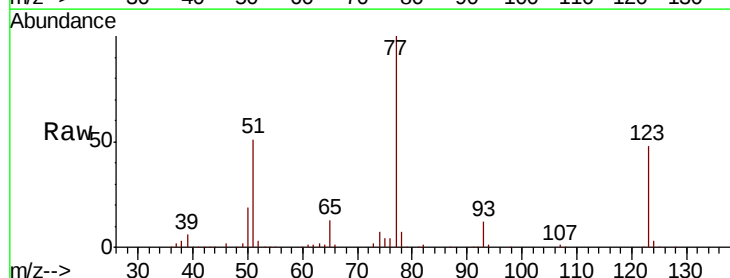


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

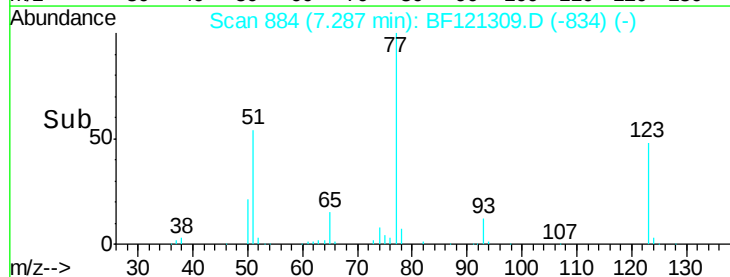
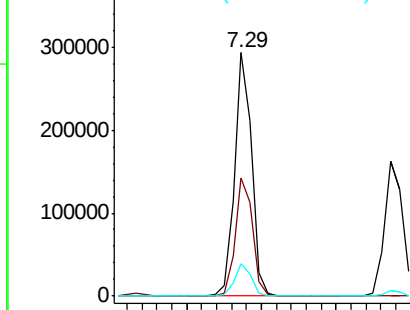


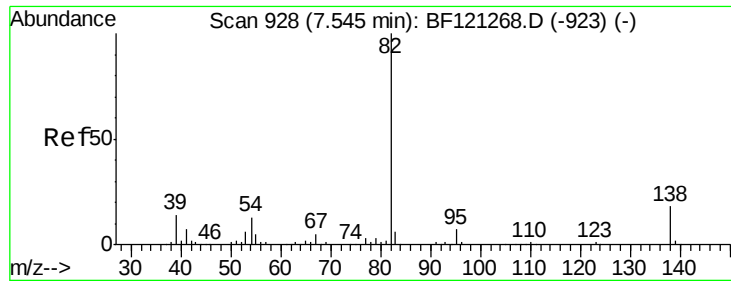
#24
Nitrobenzene
Concen: 37.681 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	236642		
123	48.3		40.3	60.5
65	13.2		10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.929 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

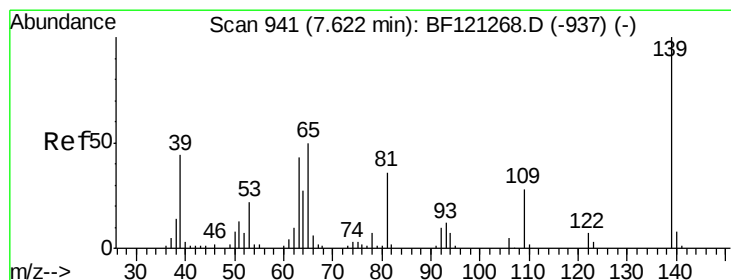
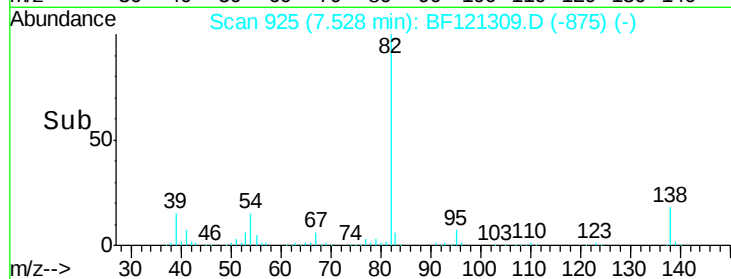
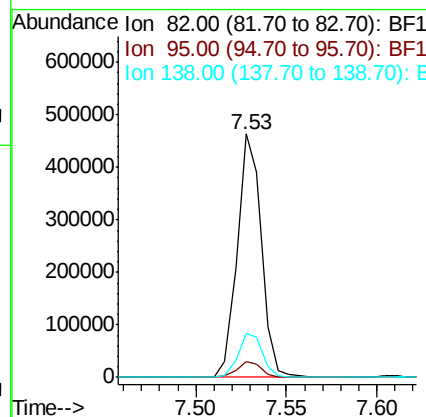
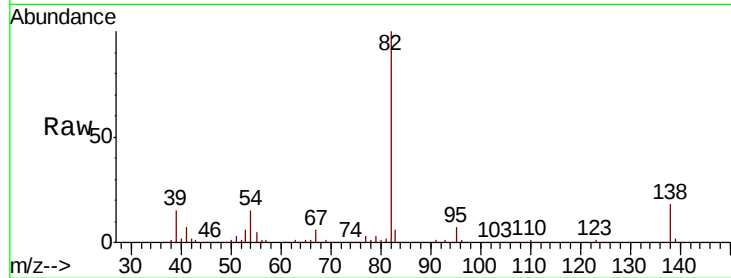
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:	82	Resp:	429129
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.2
138	17.9	15.6	23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.280 ng

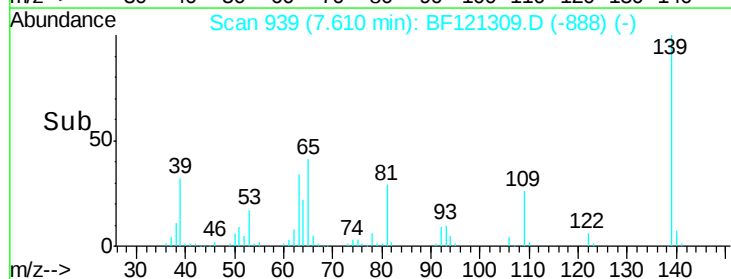
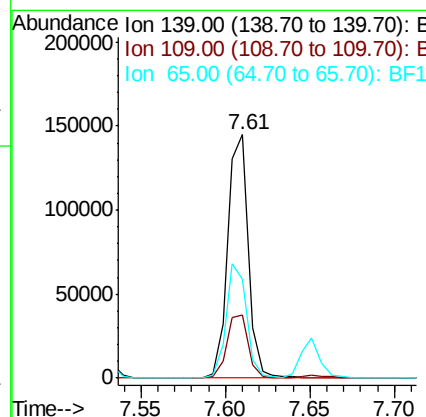
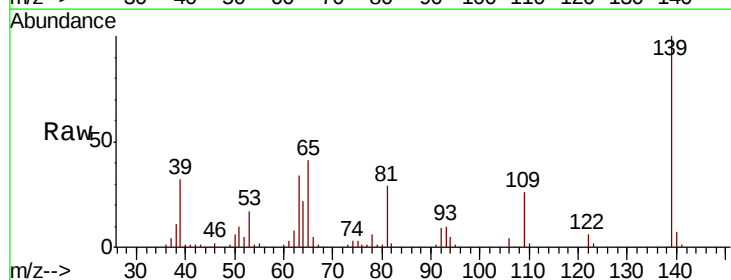
RT: 7.61 min Scan# 939

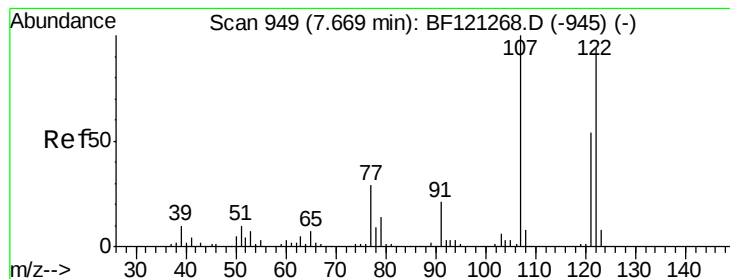
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion:	139	Resp:	122568
Ion Ratio	Lower	Upper	
139	100		
109	25.8	20.8	31.2
65	40.6	36.4	54.6





#27

2,4-Dimethylphenol

Concen: 42.052 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

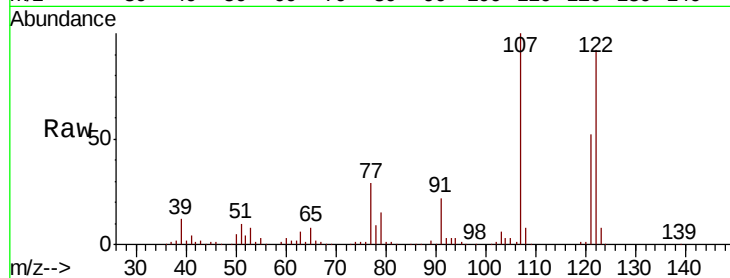
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.6	87.2	130.8
121	56.2	45.7	68.5

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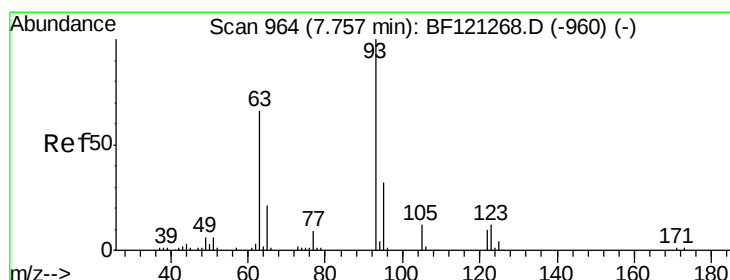
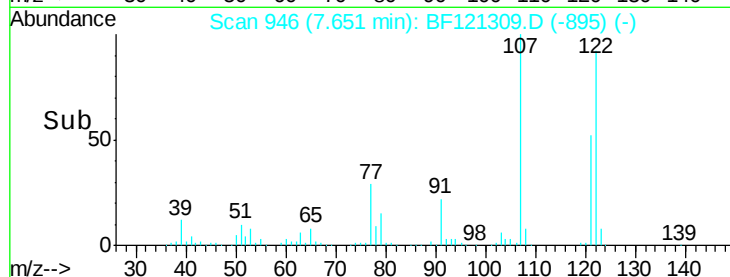
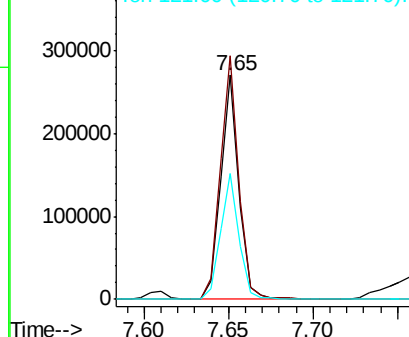


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.381 ng

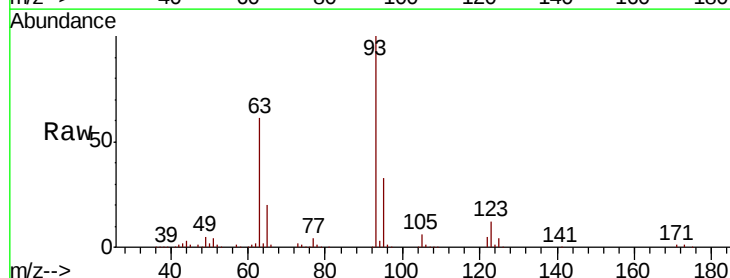
RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.7	40.1
123	11.9	9.1	13.7

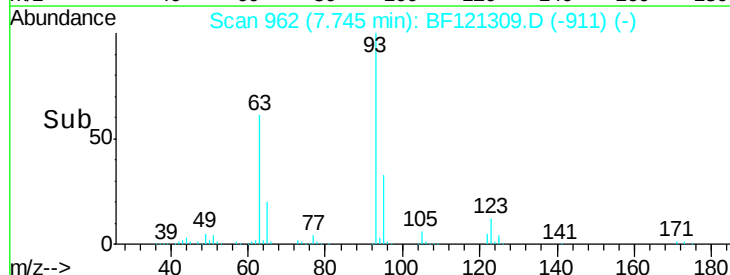
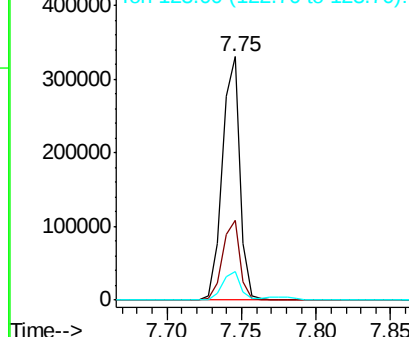


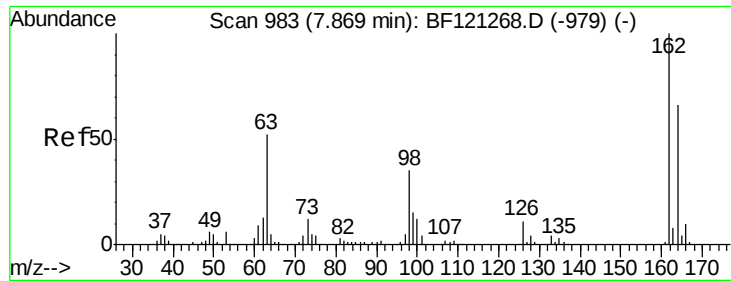
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





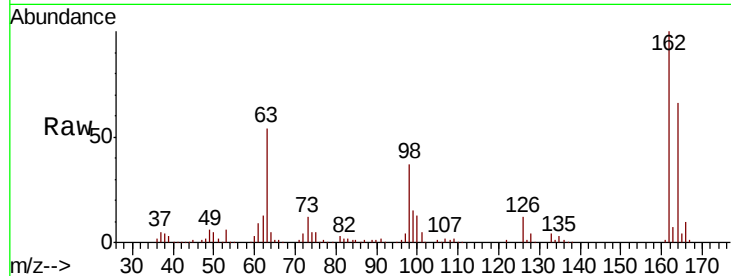
#29
2,4-Dichlorophenol
Concen: 38.325 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

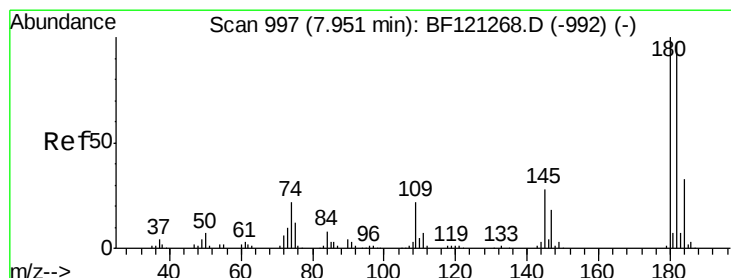
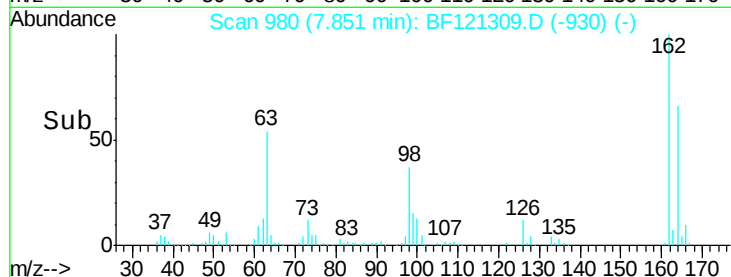
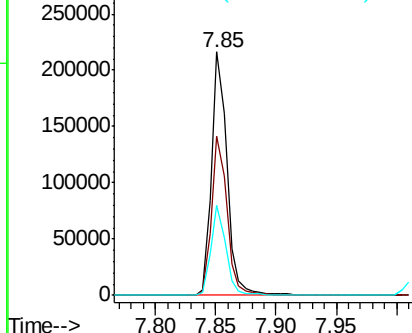
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		191071		
164	65.6	45.0	85.0		
98	37.2	13.7	53.7		

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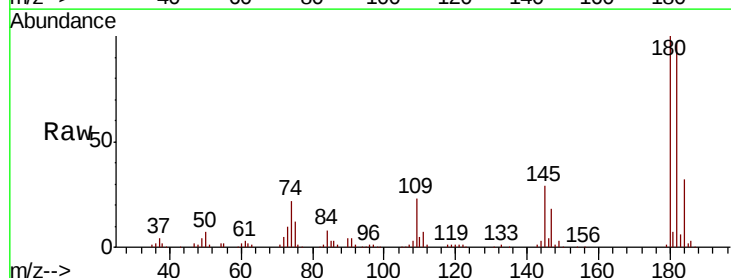


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

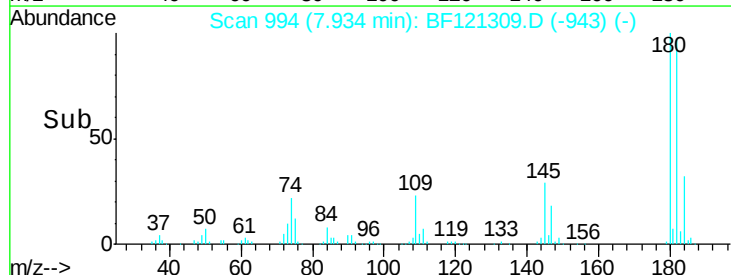
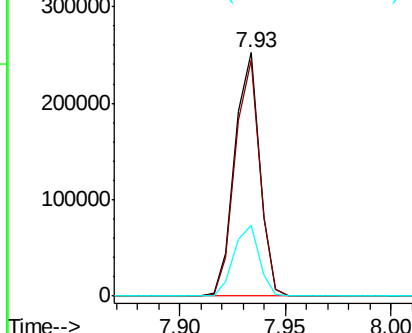


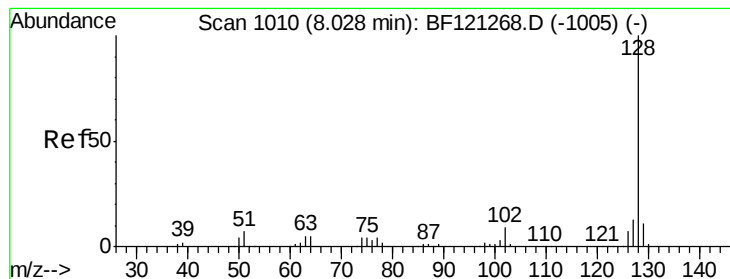
#30
1,2,4-Trichlorobenzene
Concen: 37.280 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		205139		
182	97.0	75.8	113.6		
145	28.9	23.4	35.0		



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.148 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

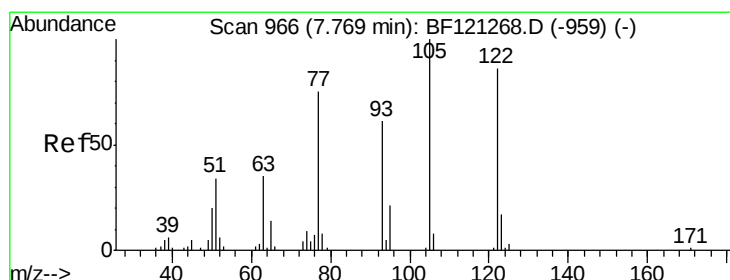
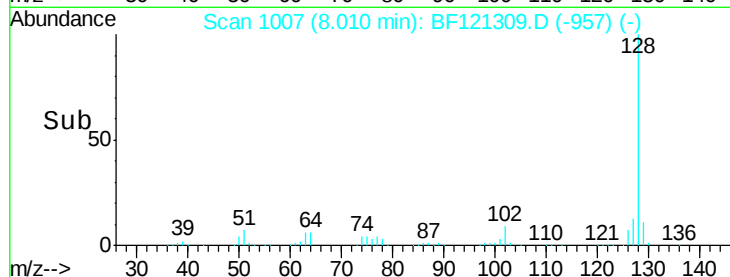
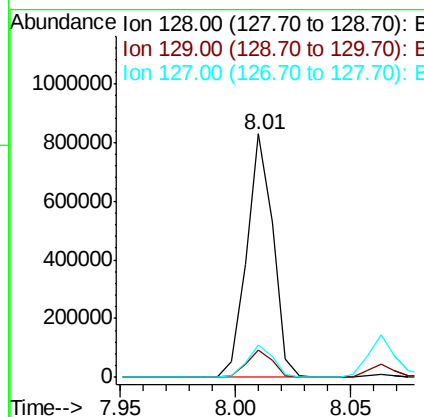
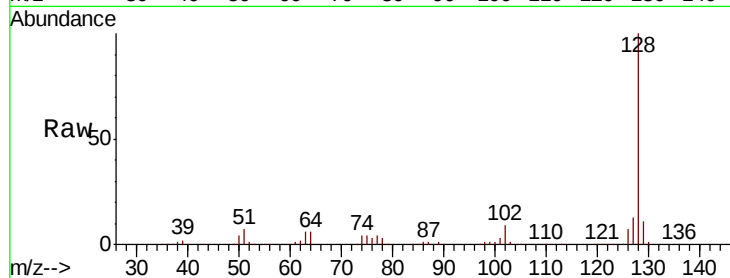
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:	128	Resp:	661086
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.3	10.6	15.8

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#32

Benzoic acid

Concen: 42.010 ng

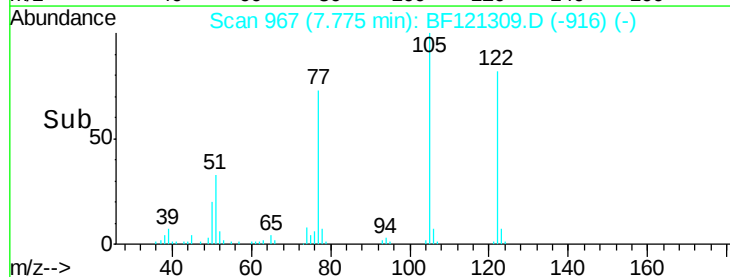
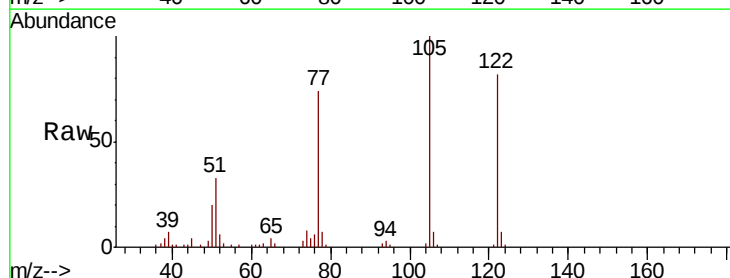
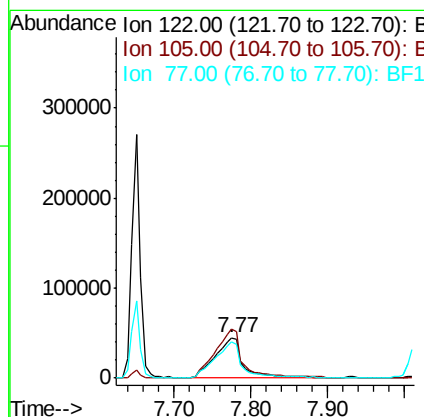
RT: 7.77 min Scan# 967

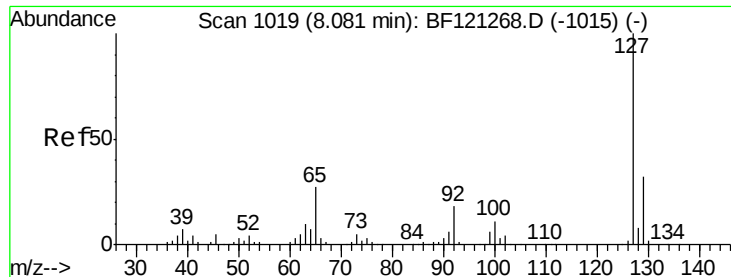
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion:	122	Resp:	110576
Ion Ratio	Lower	Upper	
122	100		
105	121.8	101.1	141.1
77	89.6	67.8	107.8





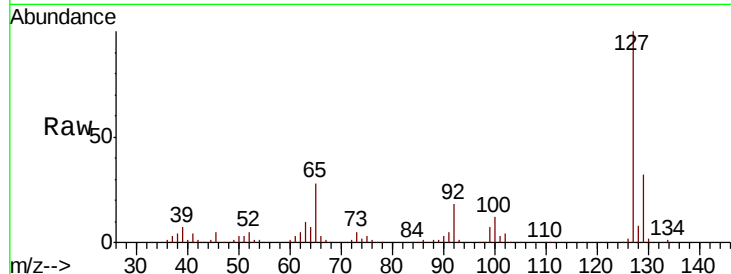
#33
4-Chloroaniline
Concen: 17.737 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

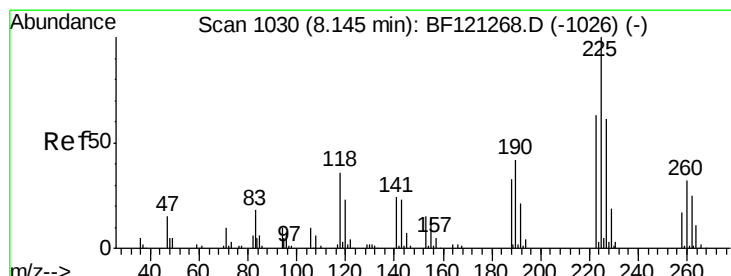
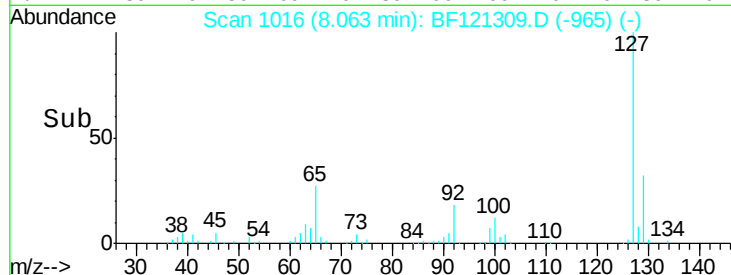
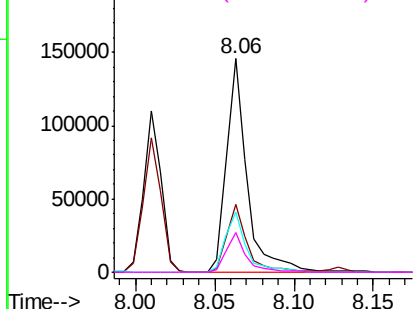
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.7	38.5	
65	28.5	22.9	34.3	
92	18.3	15.0	22.4	

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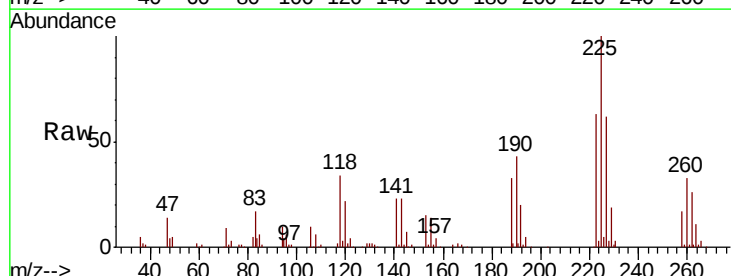


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

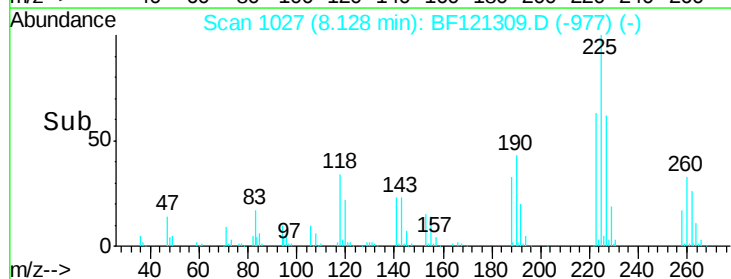
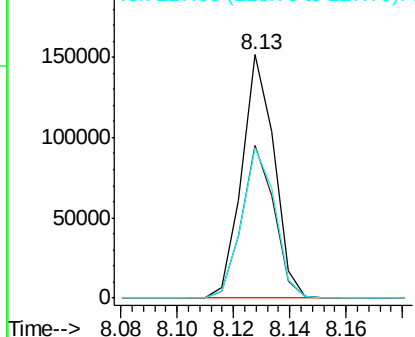


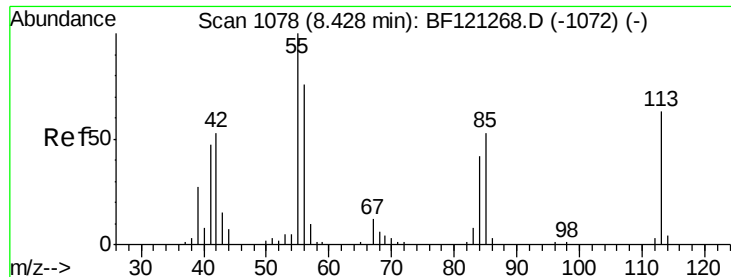
#34
Hexachlorobutadiene
Concen: 36.177 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.0	76.4	
227	61.7	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





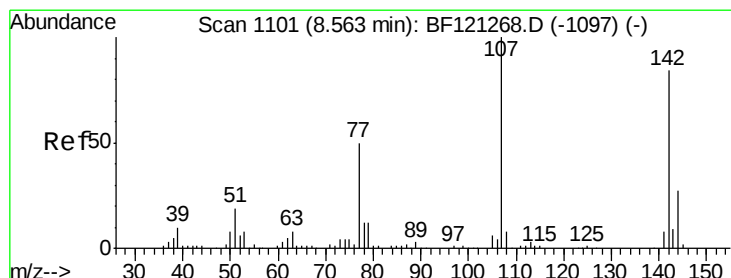
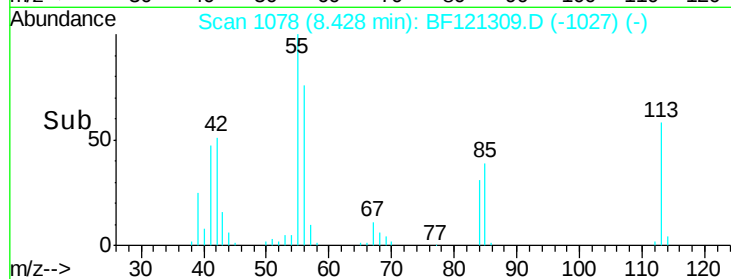
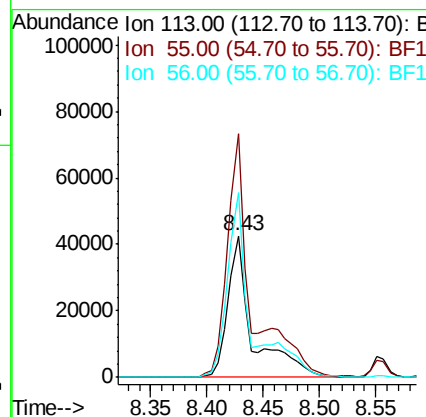
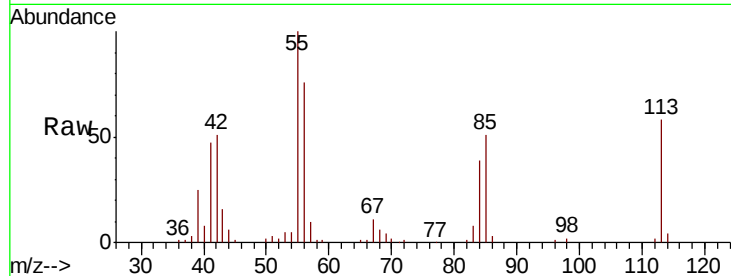
#35
 Caprolactam
 Concen: 42.528 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.0	146.1	186.1
56	130.3	103.3	143.3

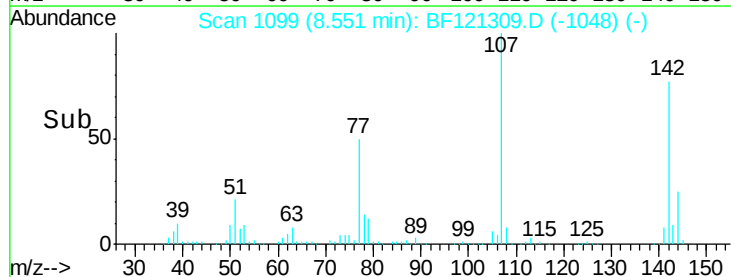
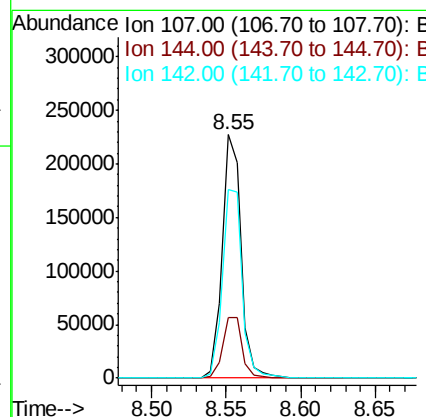
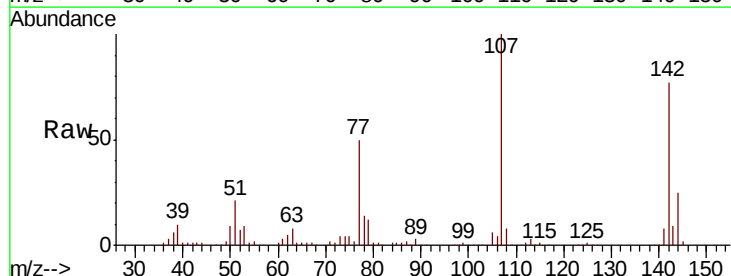
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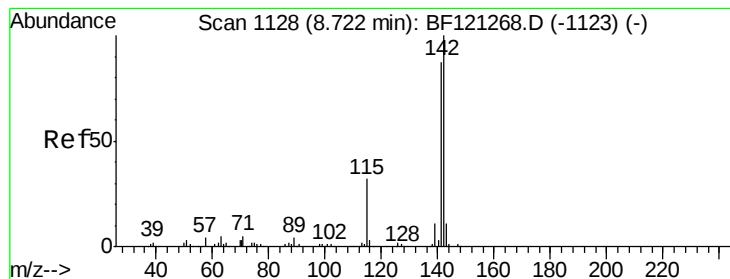
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#36
 4-Chloro-3-methylphenol
 Concen: 39.852 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.4	30.6
142	77.3	63.8	95.8





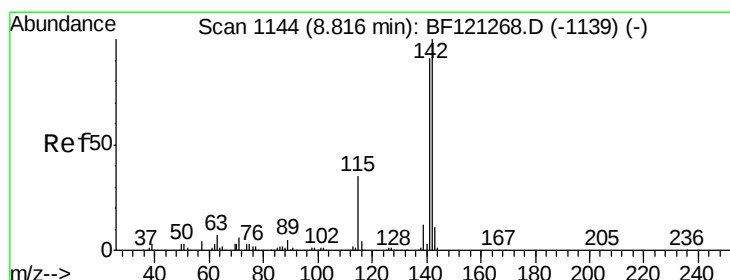
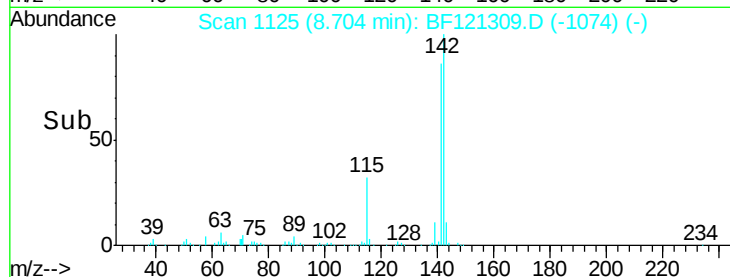
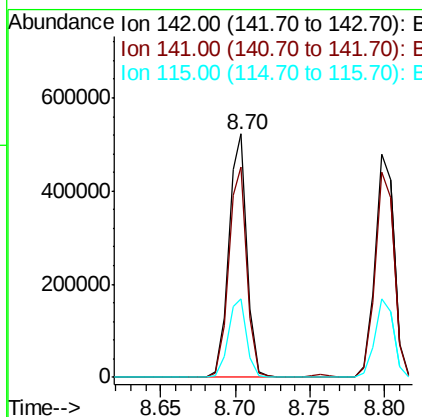
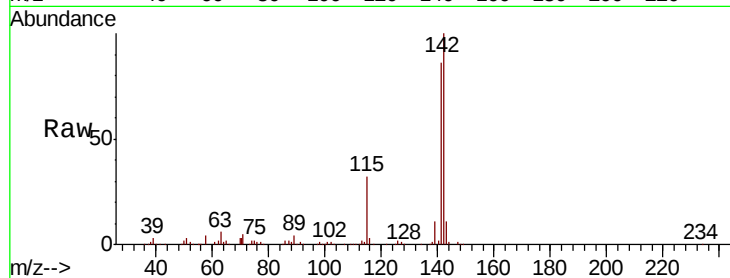
#37
2-Methylnaphthalene
Concen: 38.495 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	450806		
141	86.3	69.2	103.8	
115	32.1	25.8	38.8	

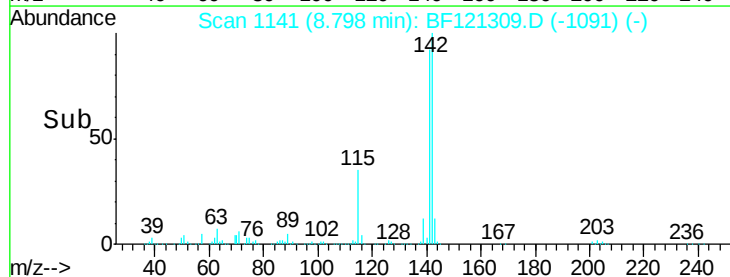
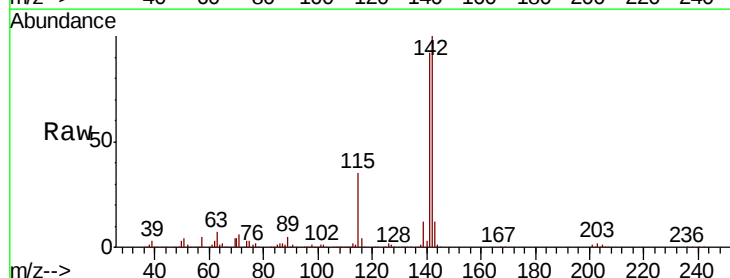
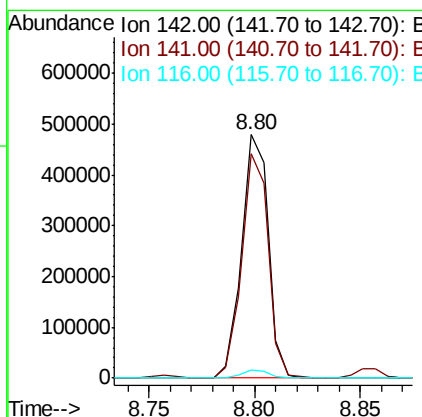
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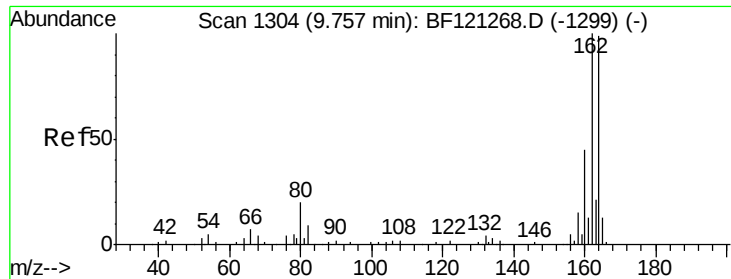
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#38
1-Methylnaphthalene
Concen: 37.640 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	417357		
141	92.1	72.6	109.0	
116	3.6	2.8	4.2	





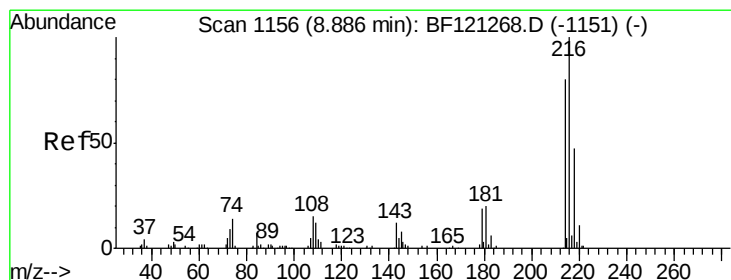
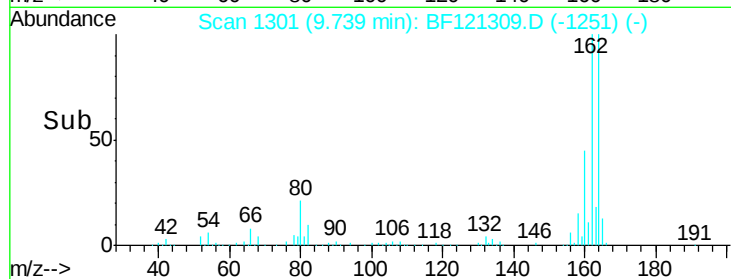
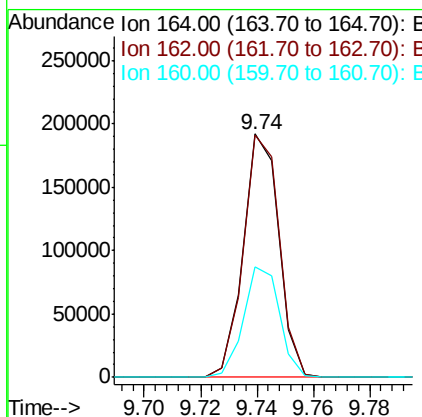
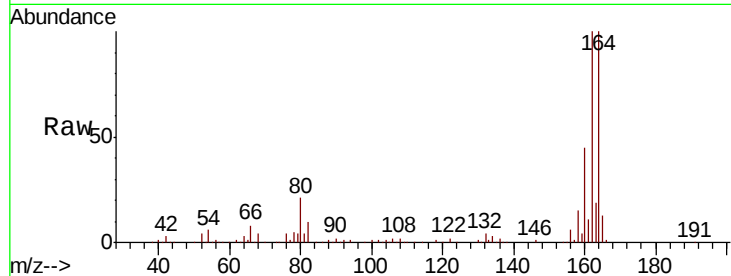
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.2
160	45.1	36.5	54.7

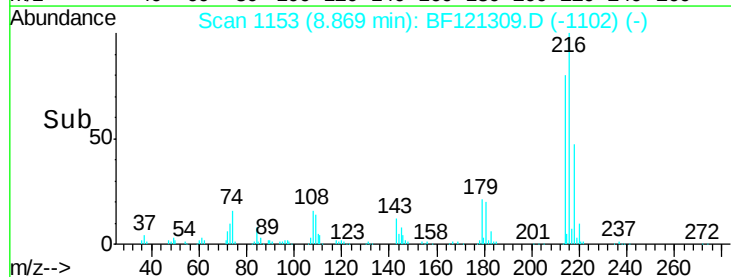
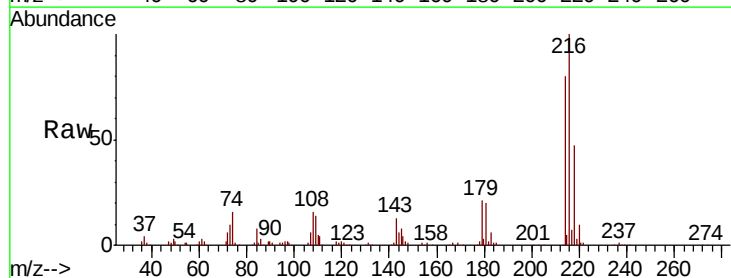
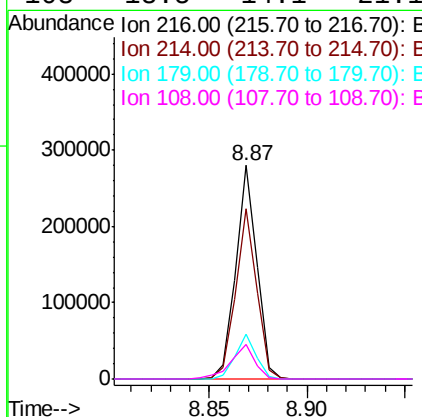
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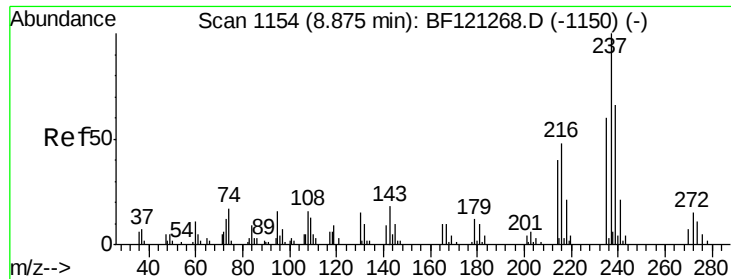
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.200 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	20.5	15.8	23.6
108	18.5	14.1	21.1





#41

Hexachlorocyclopentadiene

Concen: 61.515 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

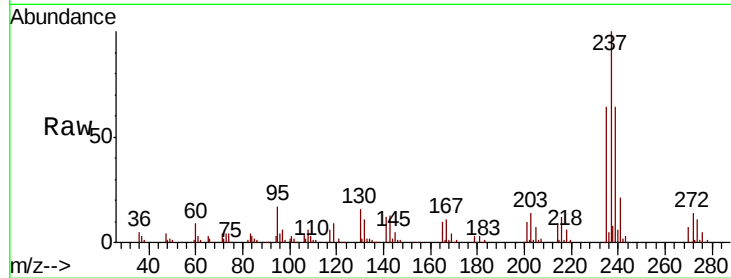
ClientSampleId :

S706-N-SO-0-0.5-081320MS

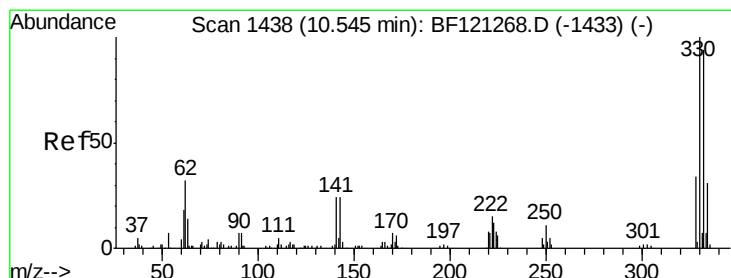
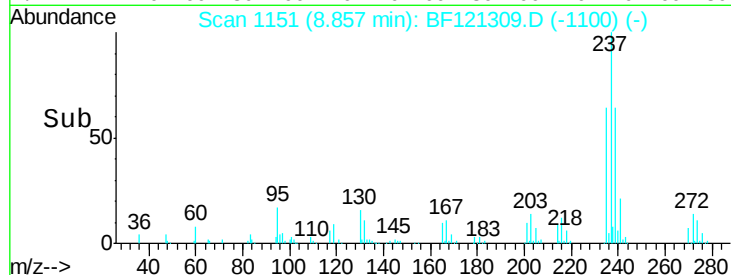
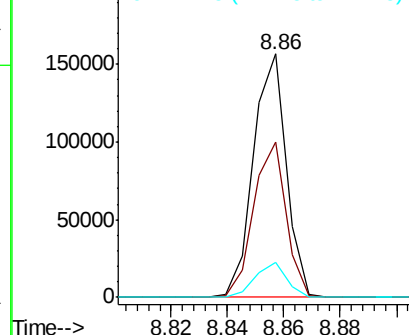
Tot Ion:	237	Resp:	126411
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.5	81.5
272	14.5	0.0	34.2

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



#42

2,4,6-Tribromophenol

Concen: 76.458 ng

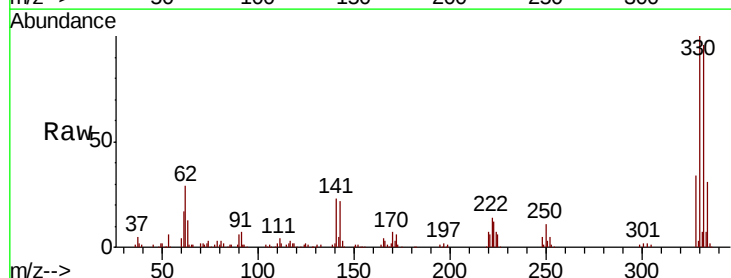
RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

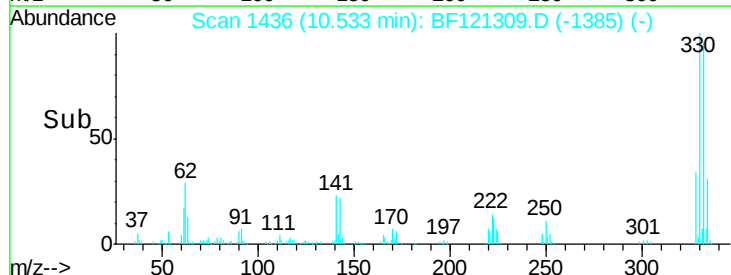
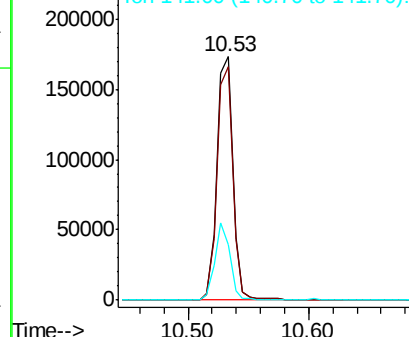
Lab File: BF121309.D

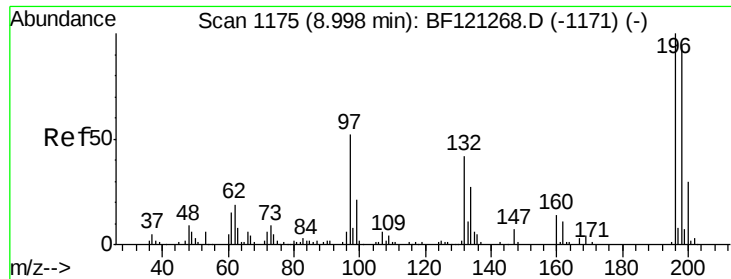
Acq: 17 Aug 2020 14:45

Tgt Ion:	330	Resp:	158302
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.4	116.0
141	29.8	24.2	36.4



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





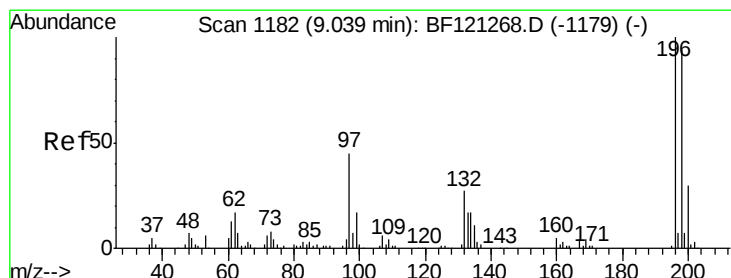
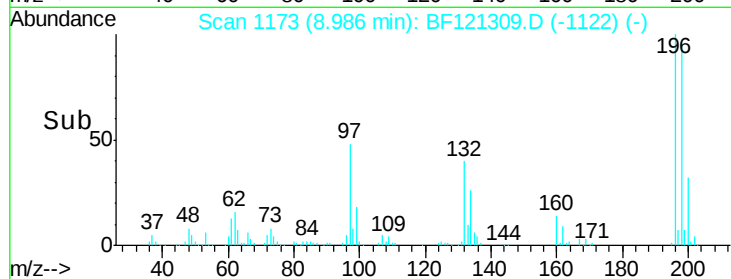
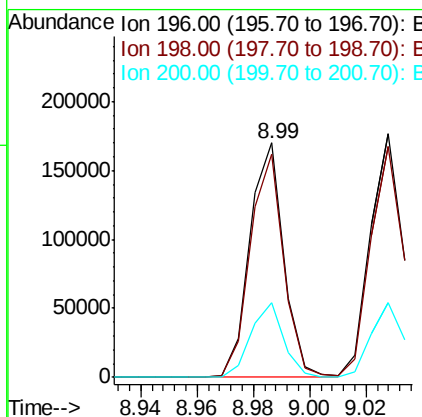
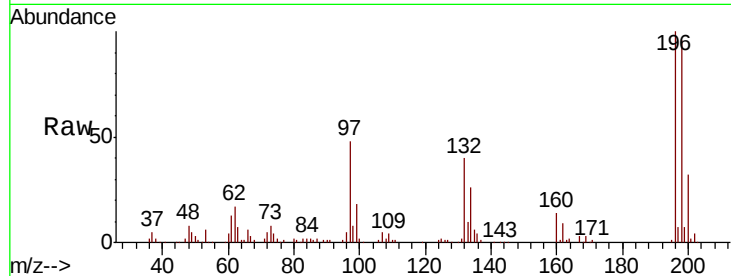
#43
 2,4,6-Trichlorophenol
 Concen: 39.669 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion:	196	Resp:	142156
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.9	115.3
200	31.7	24.6	37.0

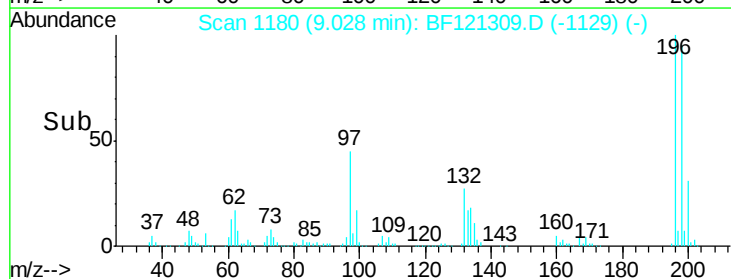
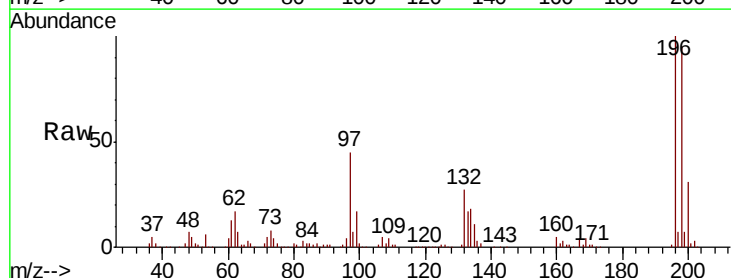
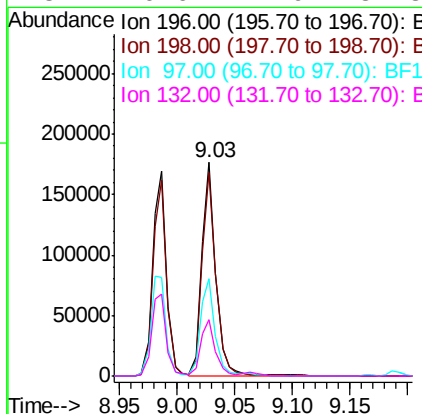
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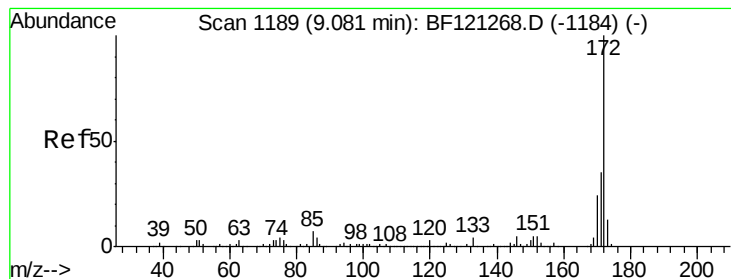
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#44
 2,4,5-Trichlorophenol
 Concen: 39.286 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:	196	Resp:	152913
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.5	113.3
97	45.4	39.4	59.2
132	26.6	22.9	34.3





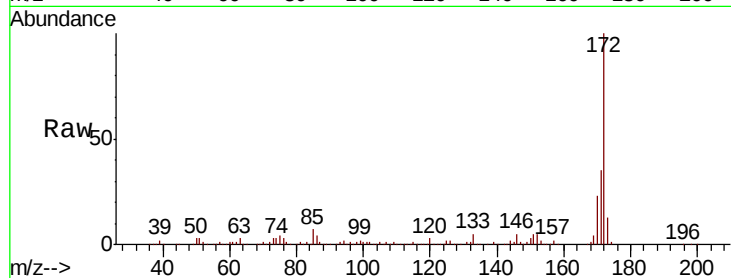
#45
2-Fluorobiphenyl
Concen: 48.157 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

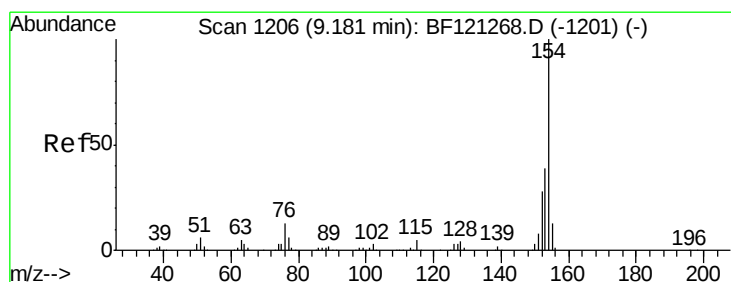
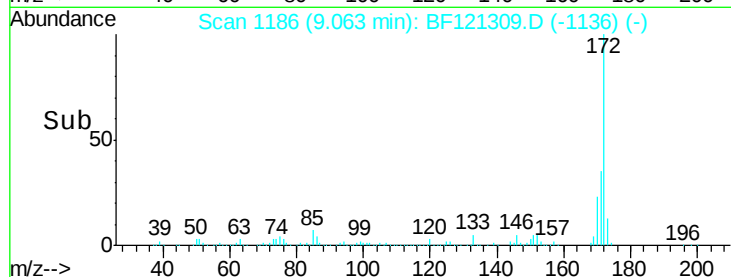
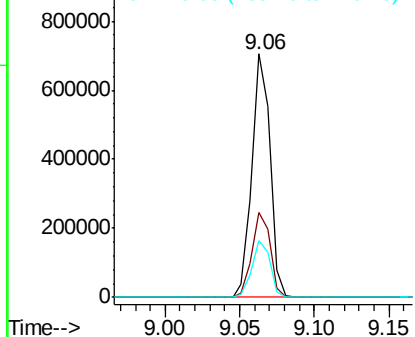
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	23.4	19.3	28.9

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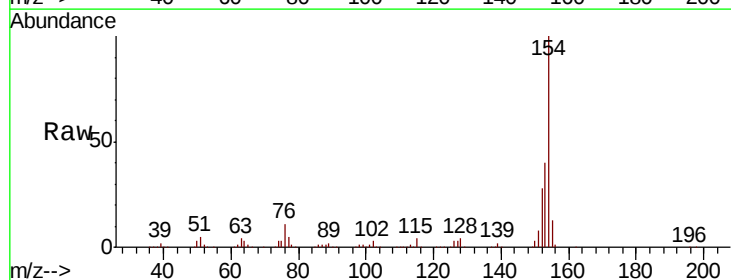


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

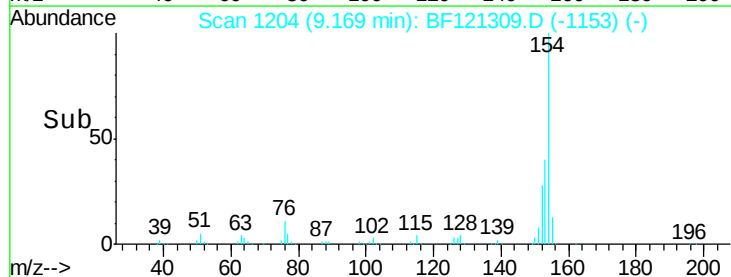
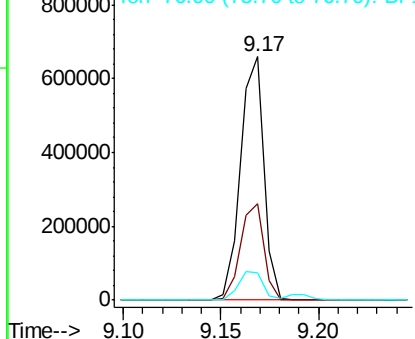


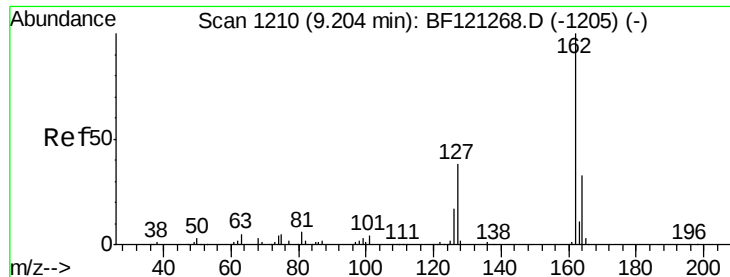
#46
1,1'-Biphenyl
Concen: 37.710 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.5	60.5
76	11.4	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





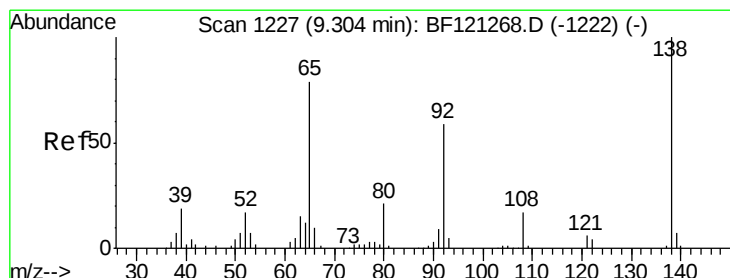
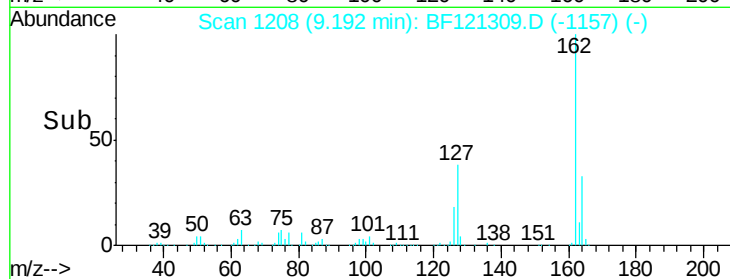
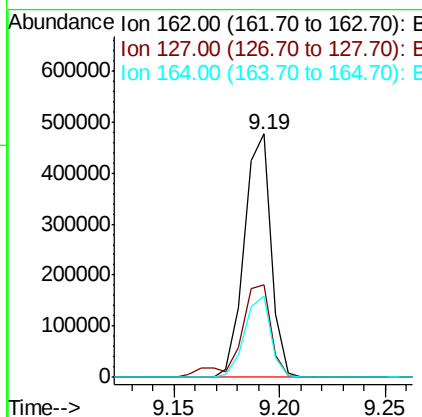
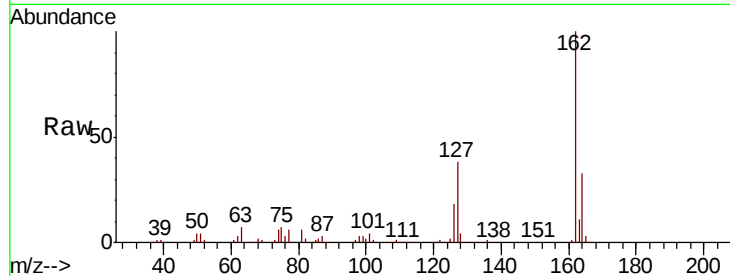
#47
2-Chloronaphthalene
Concen: 37.316 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.4	47.2
164	33.2	26.5	39.7

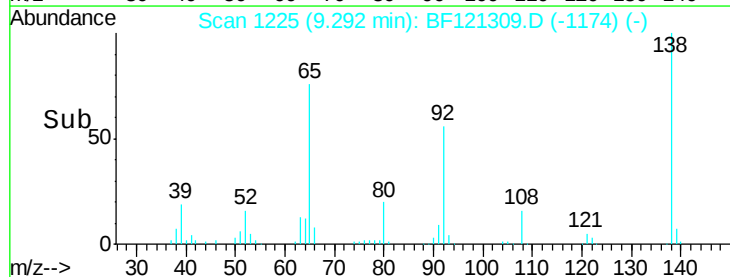
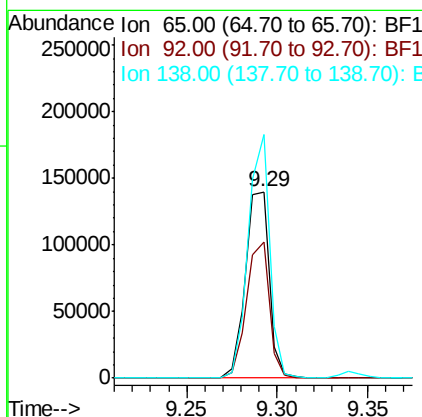
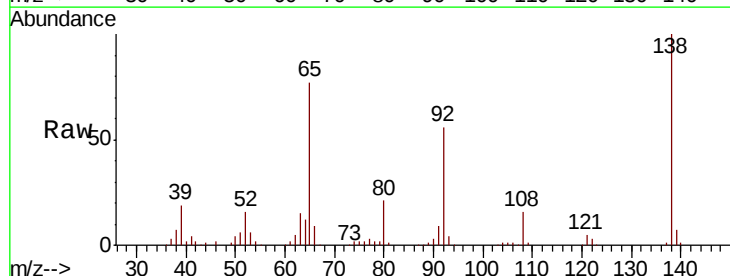
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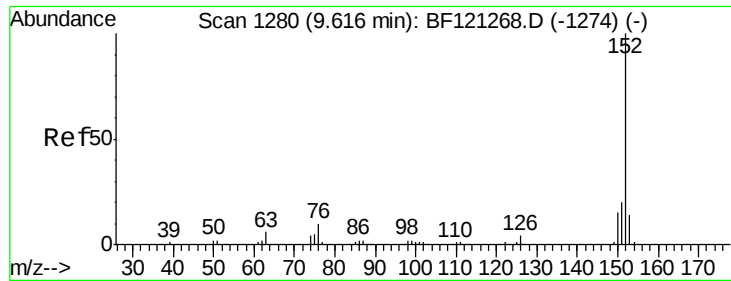
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#48
2-Nitroaniline
Concen: 40.862 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	58.2	87.2
138	130.6	97.5	146.3





#49

Acenaphthylene

Concen: 38.053 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

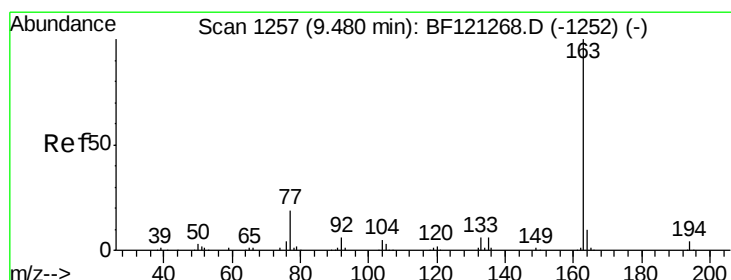
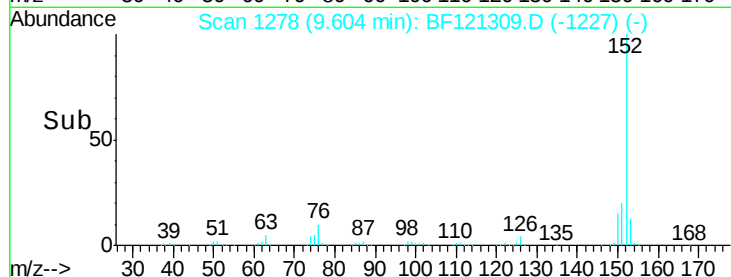
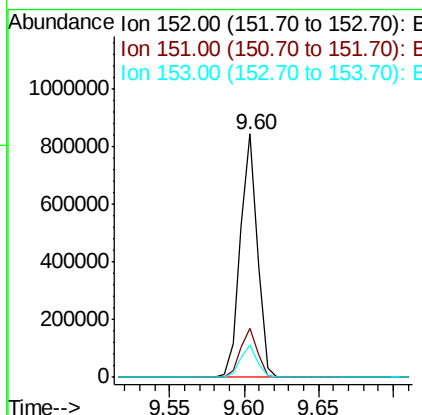
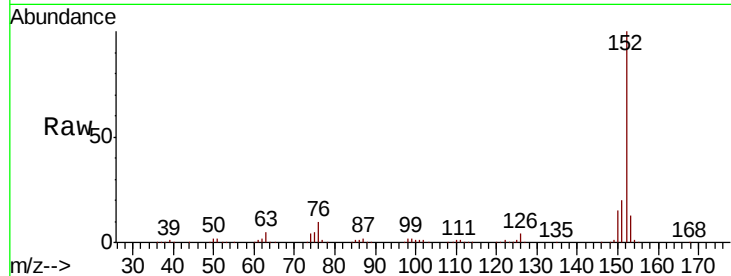
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:	152	Resp:	676020
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.2	10.6	15.8

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#50

Dimethylphthalate

Concen: 48.623 ng

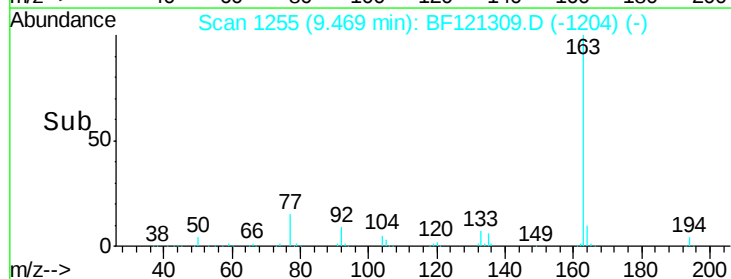
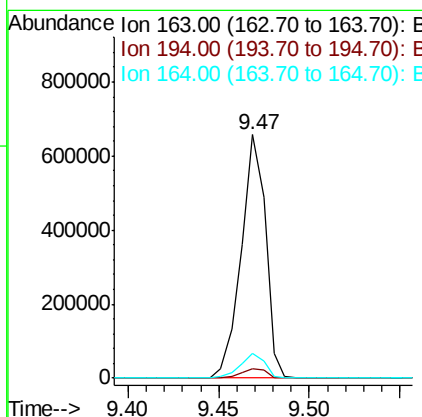
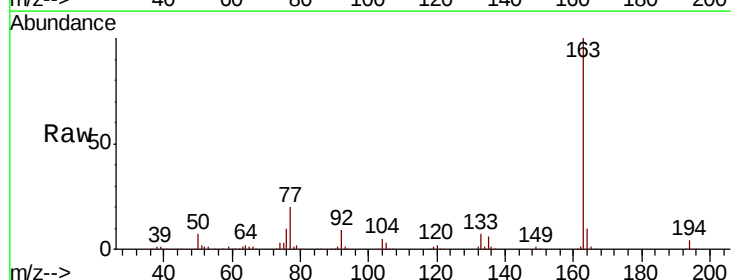
RT: 9.47 min Scan# 1255

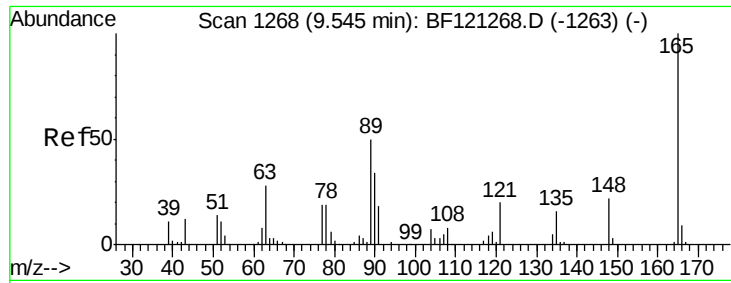
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion:	163	Resp:	615283
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.3	8.4	12.6





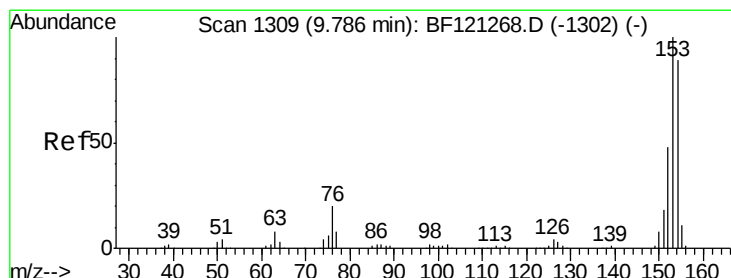
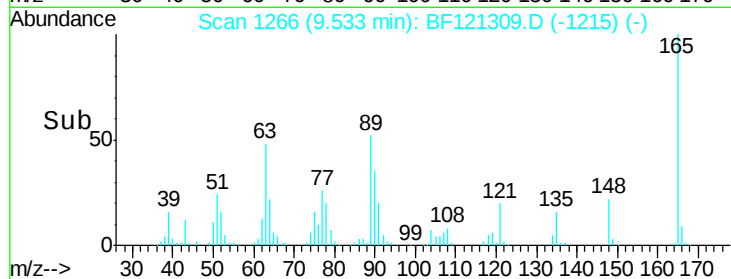
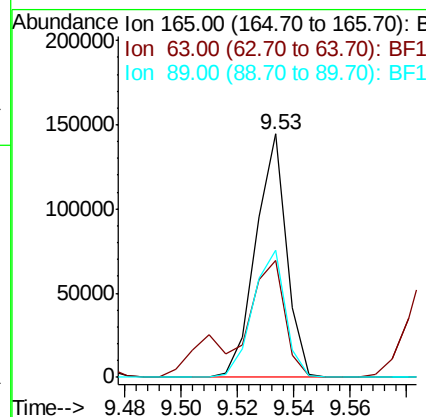
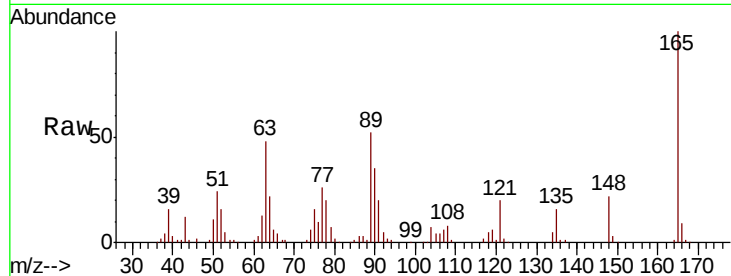
#51
 2,6-Dinitrotoluene
 Concen: 38.720 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion:	165	Resp:	109221
Ion Ratio	Lower	Upper	
165	100		
63	48.0	42.0	63.0
89	52.0	44.7	67.1

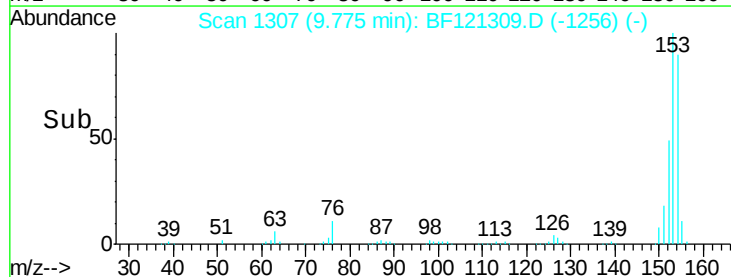
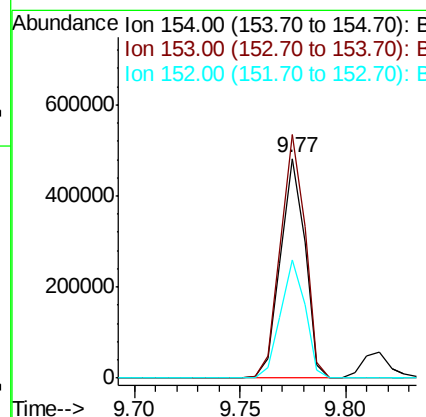
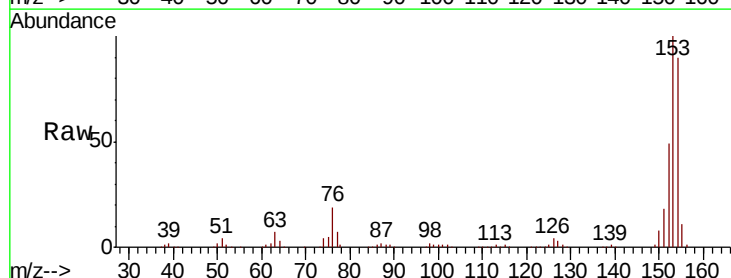
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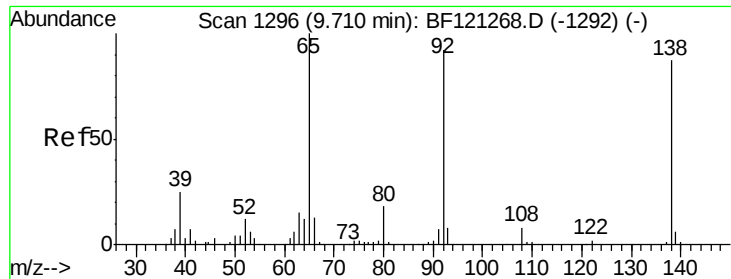
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#52
 Acenaphthene
 Concen: 37.192 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion:	154	Resp:	391190
Ion Ratio	Lower	Upper	
154	100		
153	110.8	88.0	132.0
152	53.9	43.0	64.4





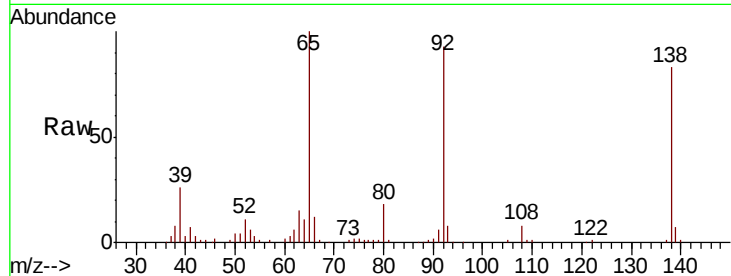
#53
3-Nitroaniline
Concen: 22.438 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

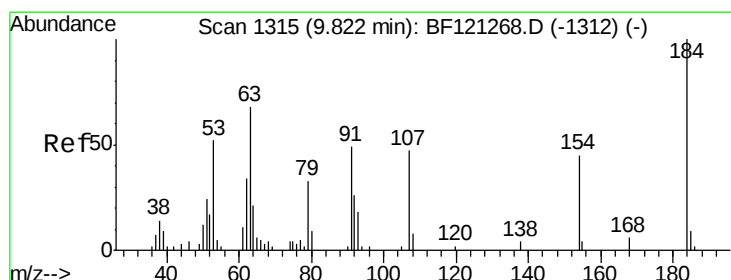
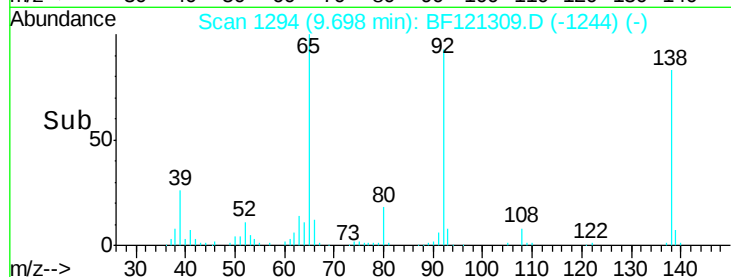
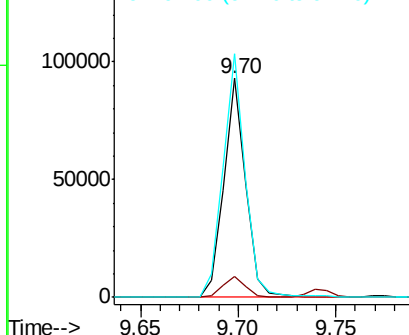
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.6	11.4
92	111.1	82.6	123.8

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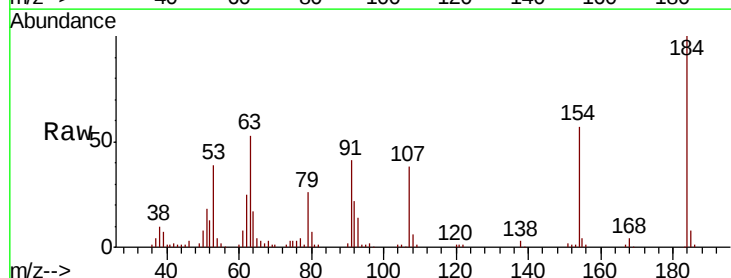


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

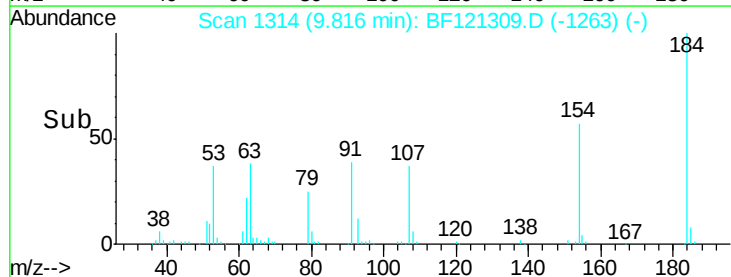
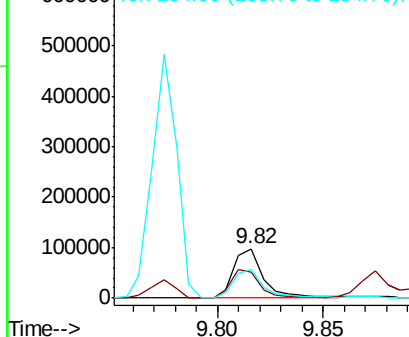


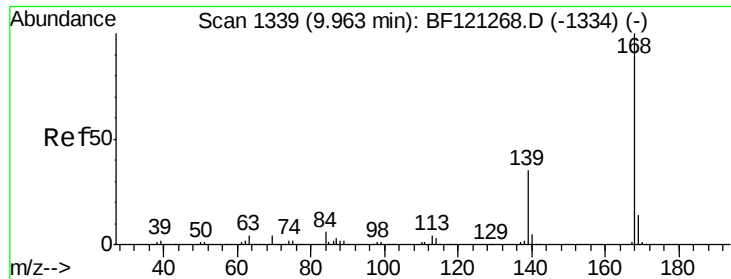
#54
2,4-Dinitrophenol
Concen: 66.739 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.8	45.3	67.9
154	57.2	46.4	69.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





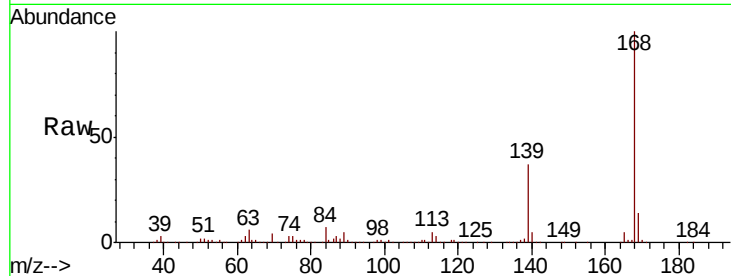
#55
Dibenzenofuran
Concen: 35.974 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

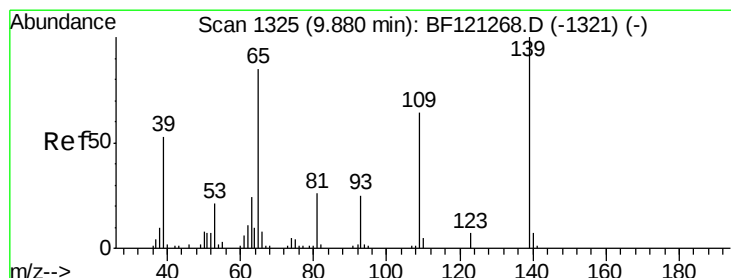
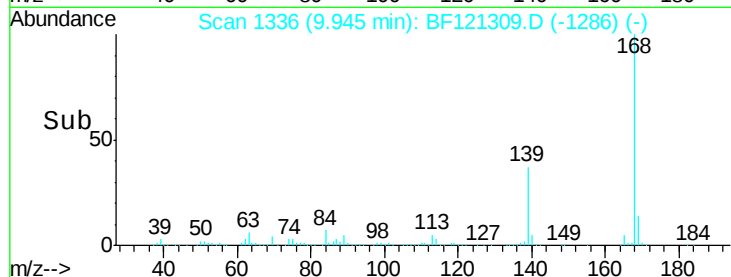
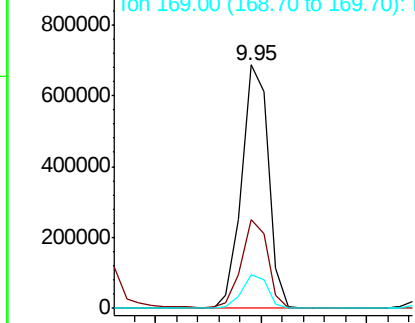
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	27.9	41.9
169	13.8	10.5	15.7

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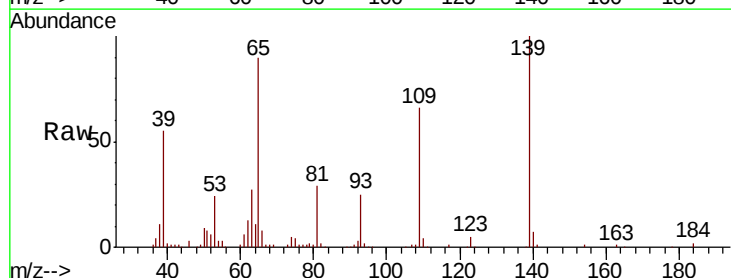


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

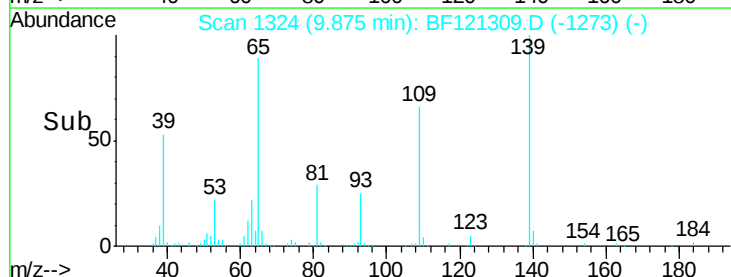
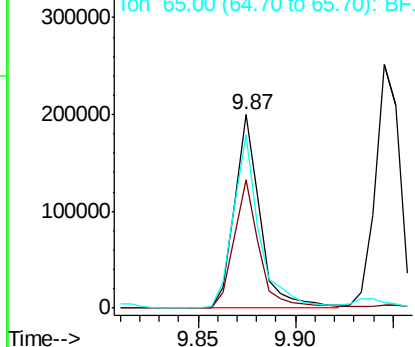


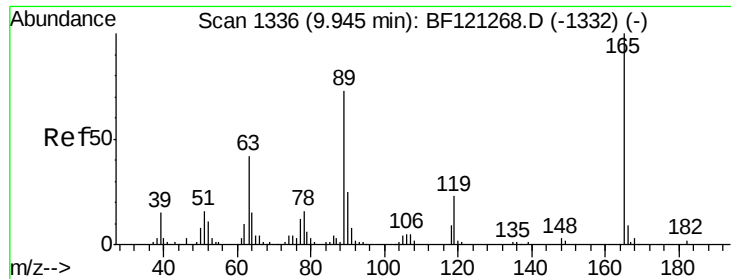
#56
4-Nitrophenol
Concen: 87.538 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	44.3	84.3
65	89.8	62.4	102.4



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





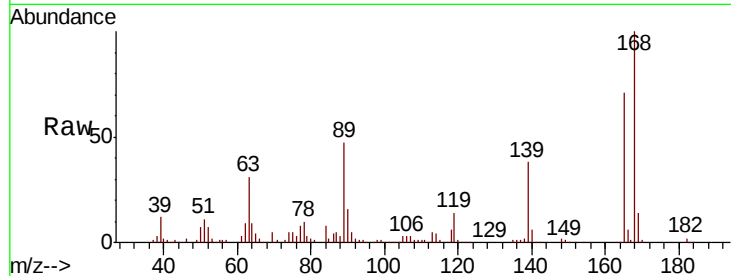
#57
 2,4-Dinitrotoluene
 Concen: 39.673 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

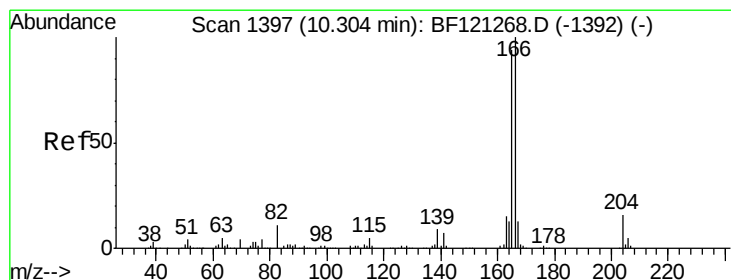
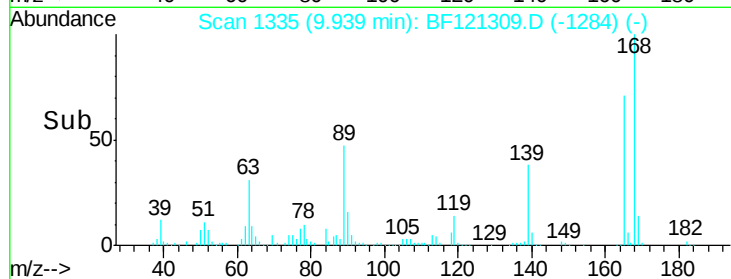
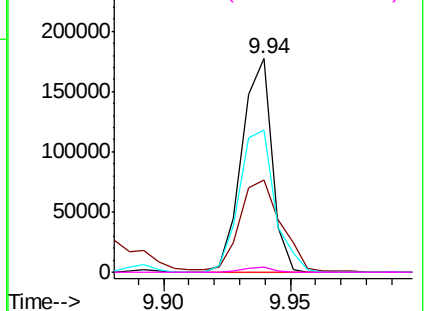
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		146863		
63	43.1	31.7	47.5		
89	66.3	52.8	79.2		
182	2.4	2.1	3.1		

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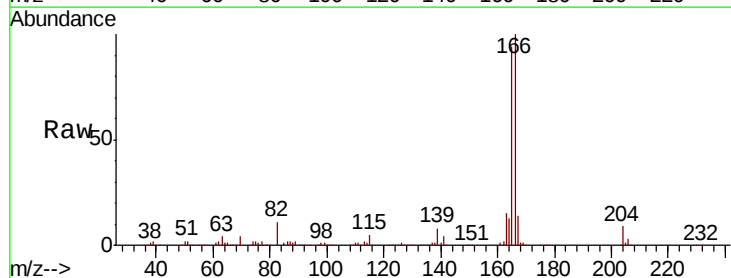


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

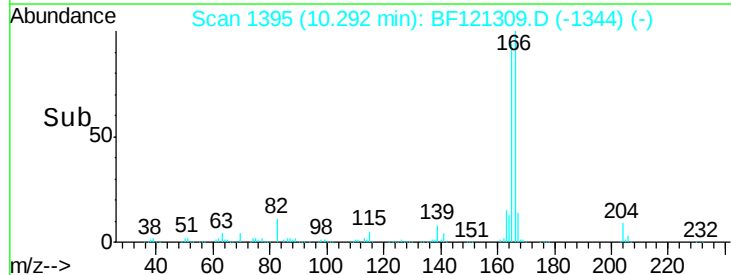
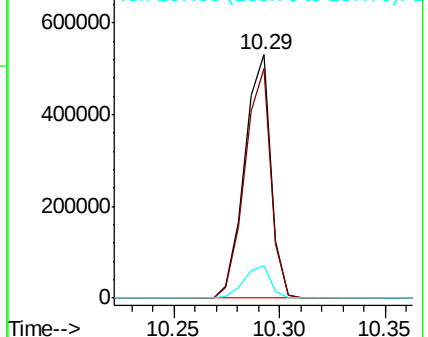


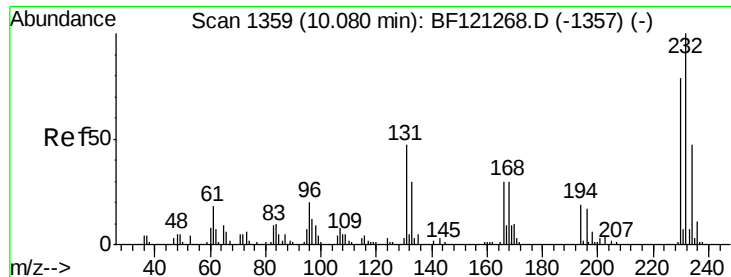
#58
 Fluorene
 Concen: 36.119 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		457963		
165	94.2	74.5	111.7		
167	13.6	10.7	16.1		



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





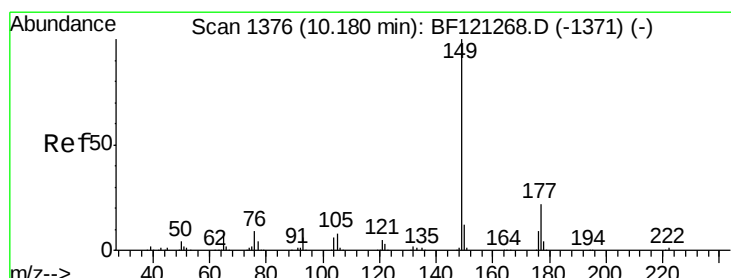
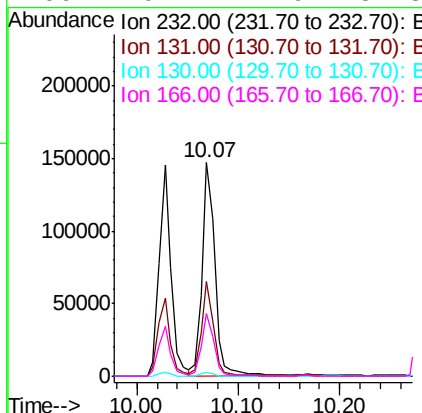
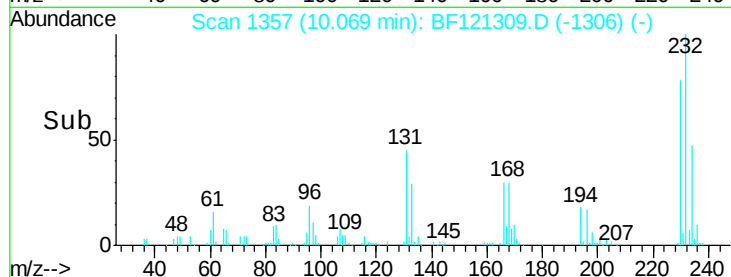
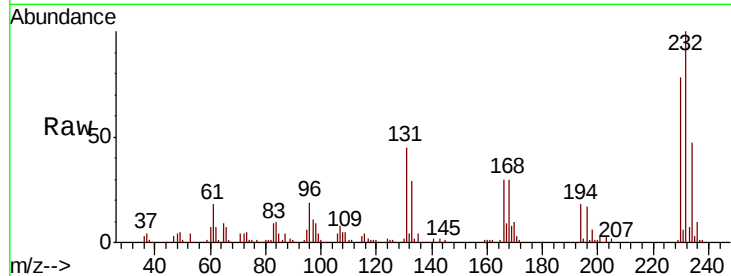
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.373 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.6	50.4
130	1.9	1.4	2.2
166	29.1	22.9	34.3

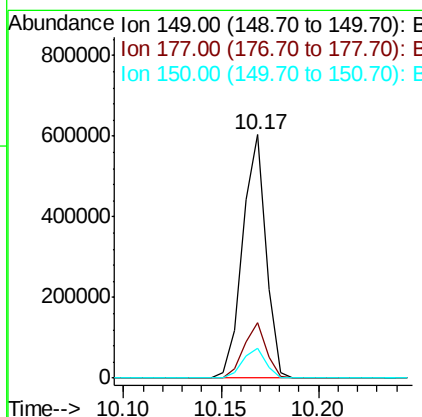
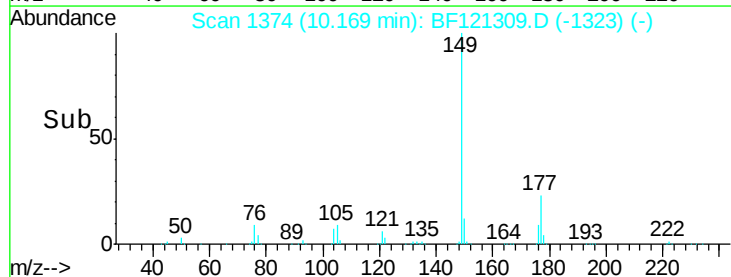
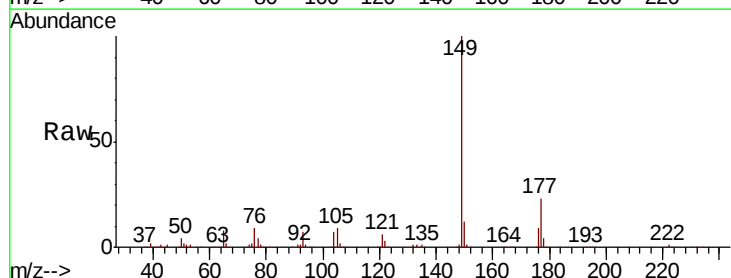
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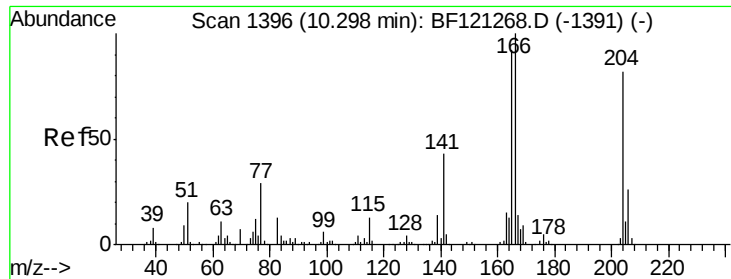
mohammad
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#60
 Diethylphthalate
 Concen: 38.787 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.3	25.9
150	12.3	10.1	15.1





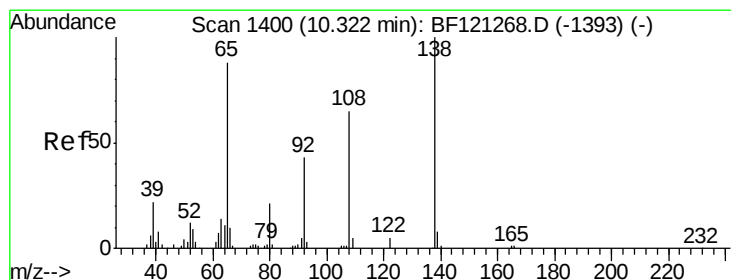
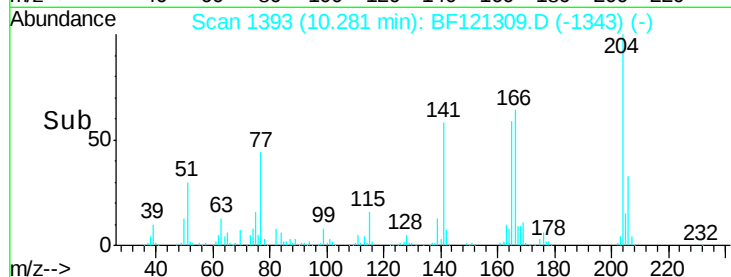
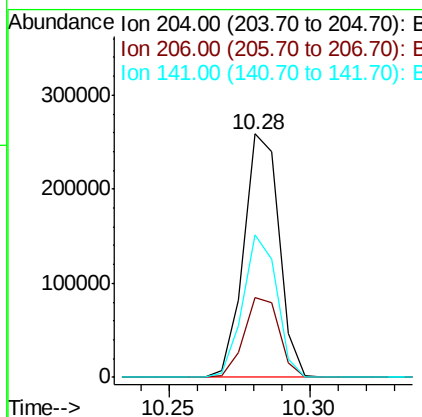
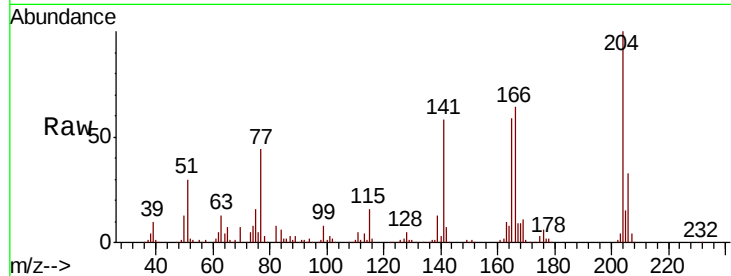
#61
4-Chlorophenyl-phenylether
Concen: 36.452 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	58.5	41.7	62.5

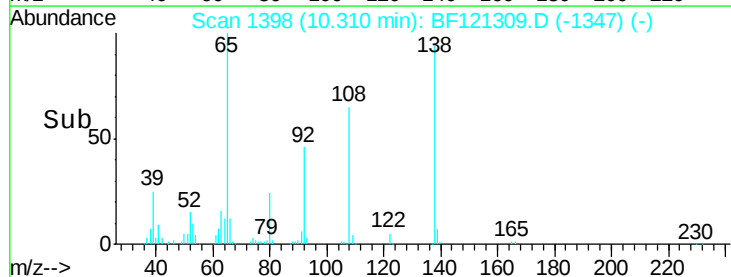
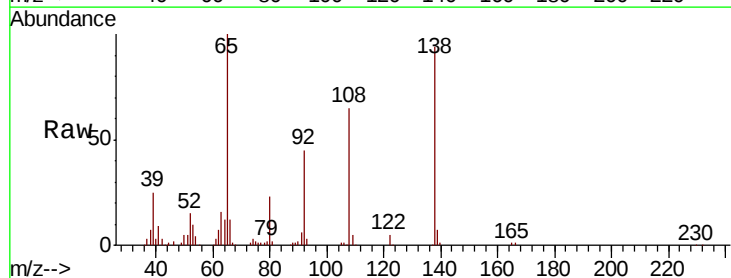
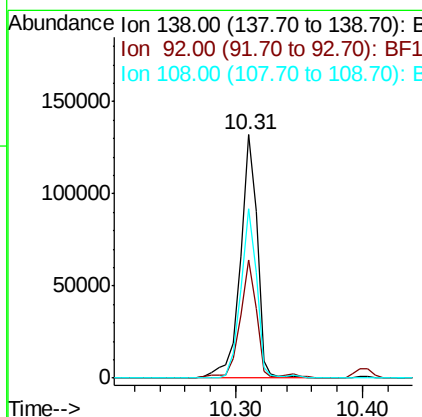
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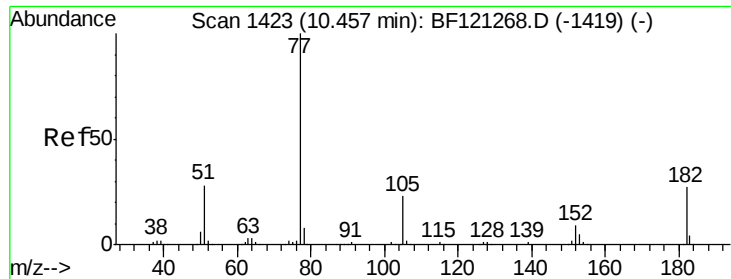
mohammad
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#62
4-Nitroaniline
Concen: 37.286 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	28.2	68.2
108	69.5	50.0	90.0





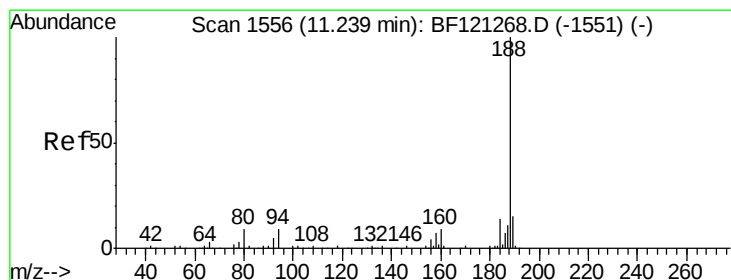
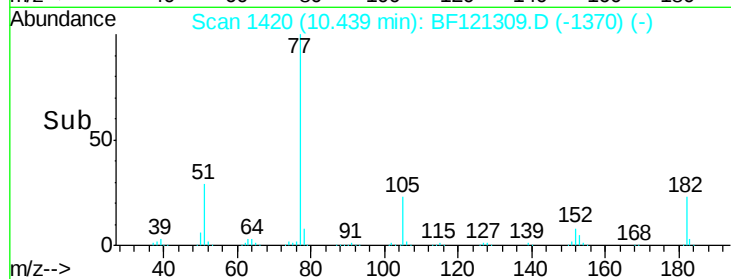
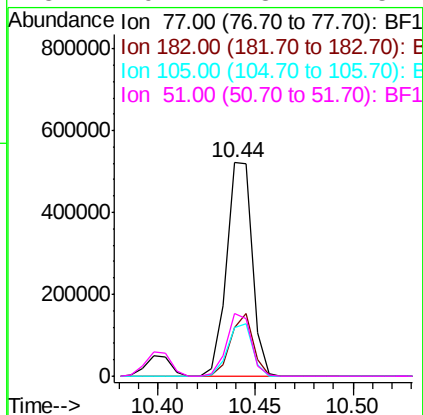
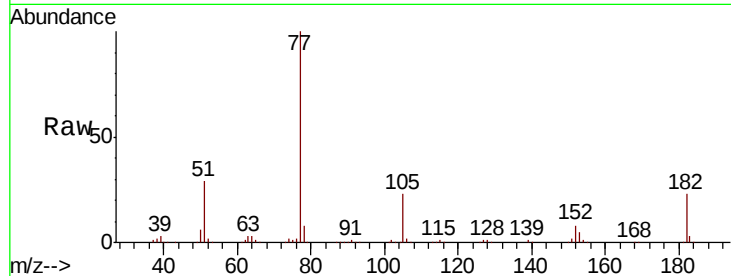
#63
Azobenzene
Concen: 36.815 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		473336		
182	22.9	6.7	46.7		
105	22.8	3.7	43.7		
51	29.2	8.1	48.1		

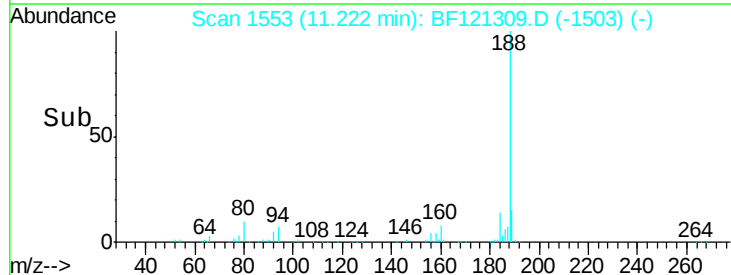
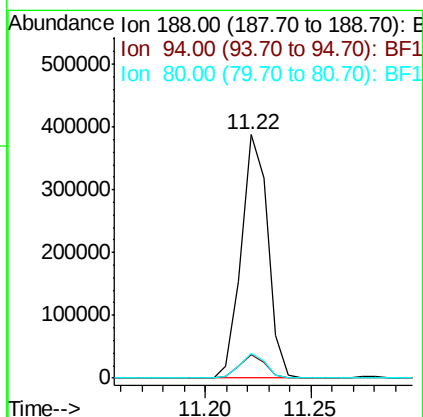
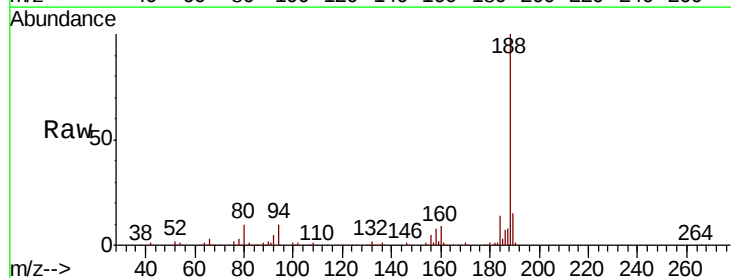
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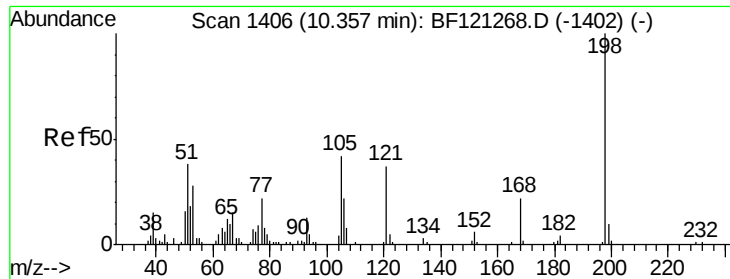
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		338094		
94	9.7	6.4	9.6#		
80	10.4	7.0	10.4		





#65

4,6-Dinitro-2-methylphenol

Concen: 36.525 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

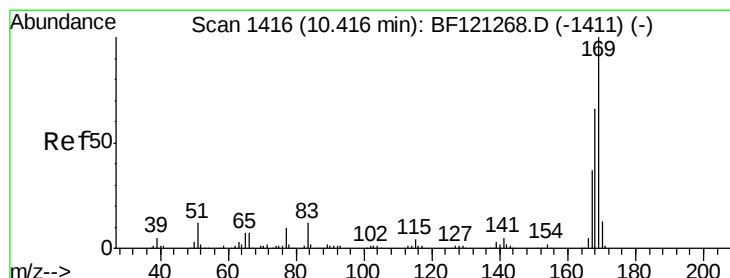
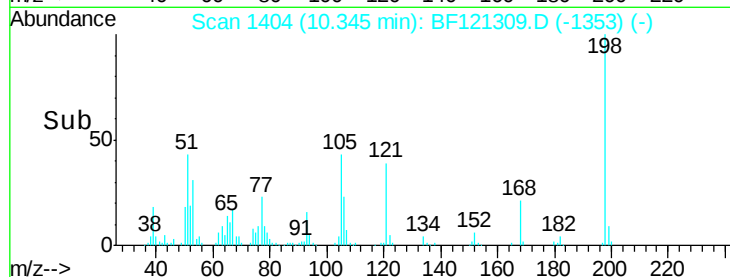
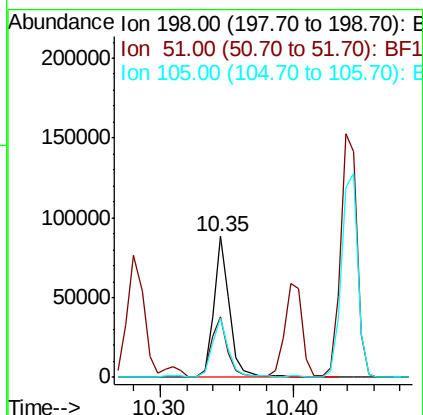
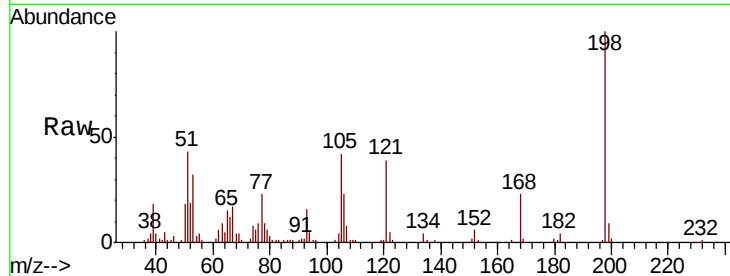
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:	198	Resp:	73116
Ion Ratio	Lower	Upper	
198	100		
51	42.7	29.1	69.1
105	42.4	28.5	68.5

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#66

n-Nitrosodiphenylamine

Concen: 36.985 ng

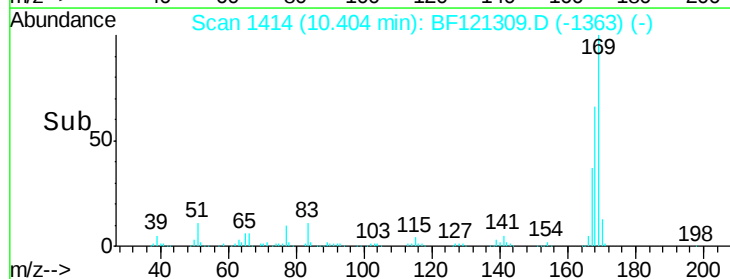
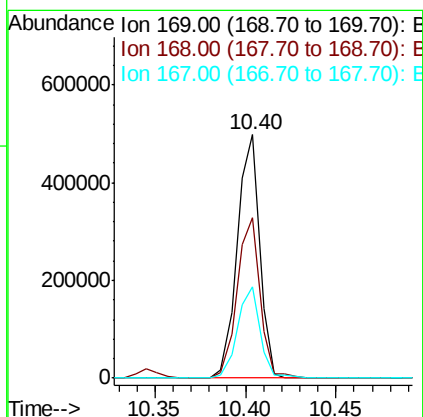
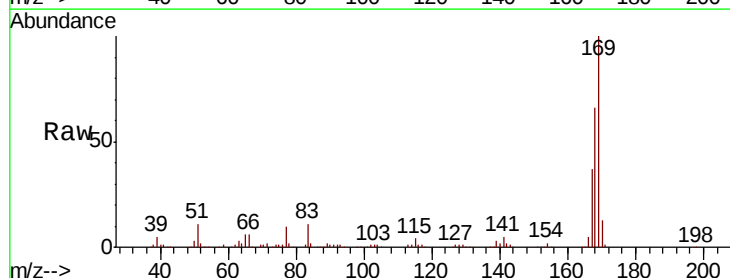
RT: 10.40 min Scan# 1414

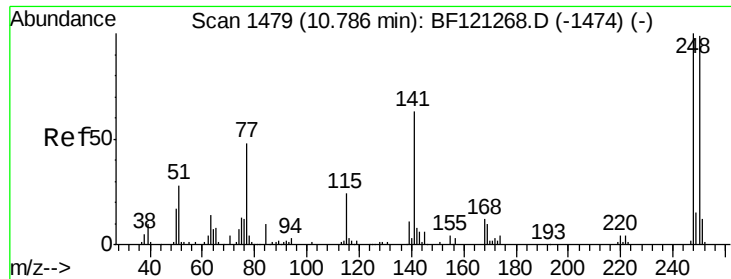
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion:	169	Resp:	428762
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.4	80.0
167	37.3	29.3	43.9





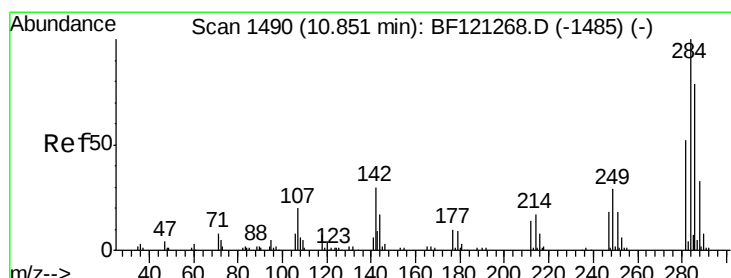
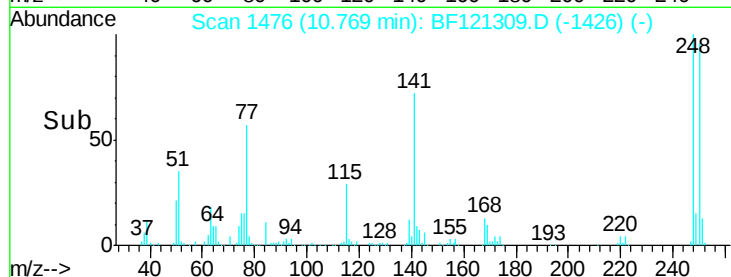
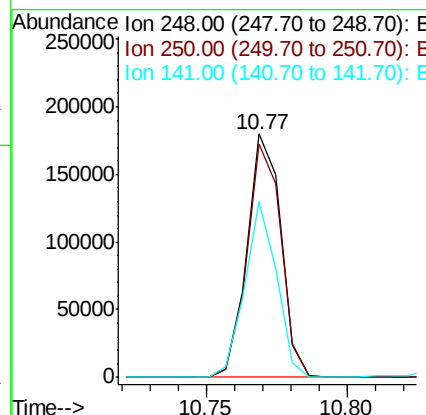
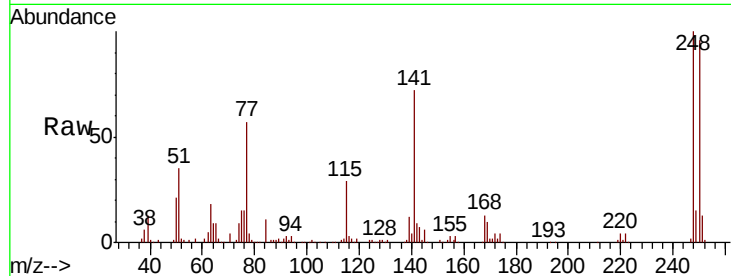
#67
 4-Bromophenyl-phenylether
 Concen: 37.983 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.0
141	72.1	48.9	73.3

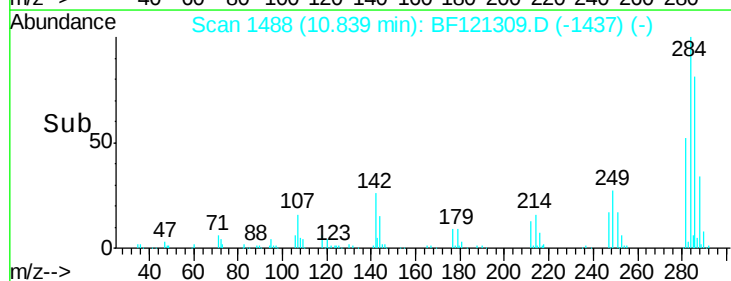
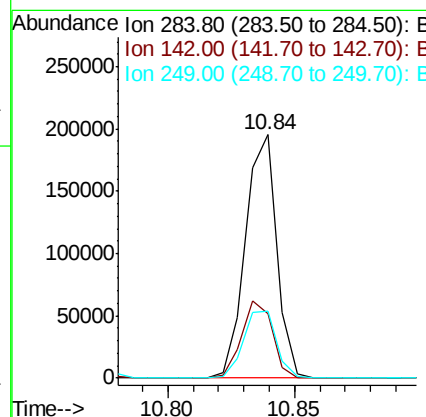
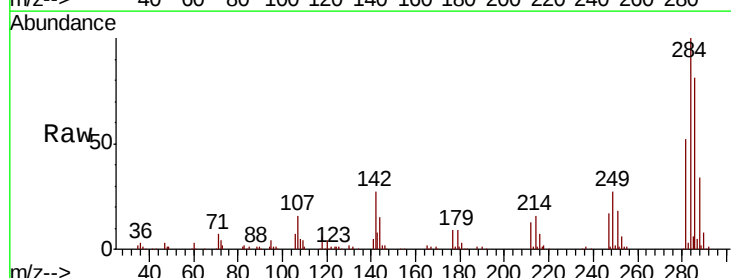
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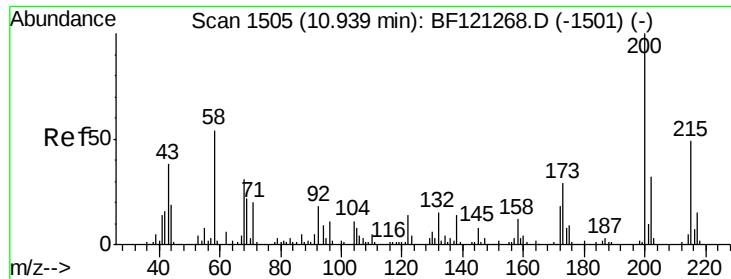
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#68
 Hexachlorobenzene
 Concen: 37.169 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	24.6	36.8
249	27.4	23.2	34.8





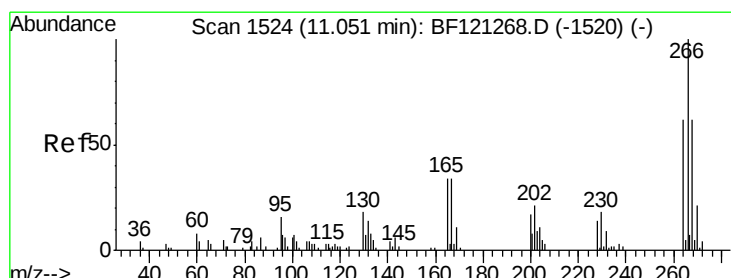
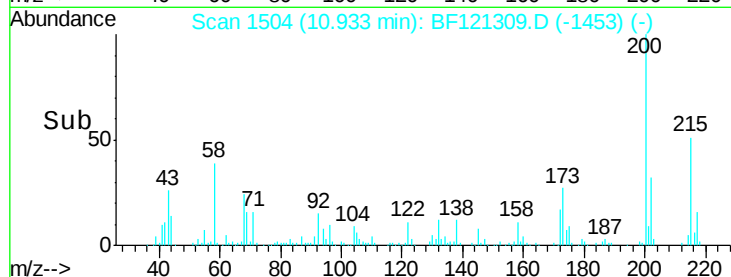
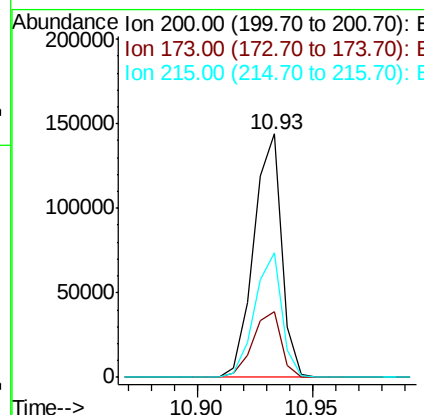
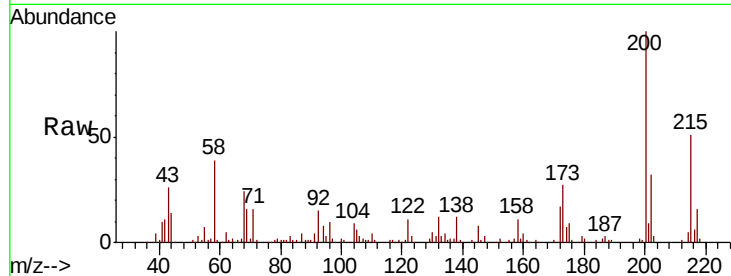
#69
Atrazine
Concen: 35.105 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.4	47.4
215	51.1	29.1	69.1

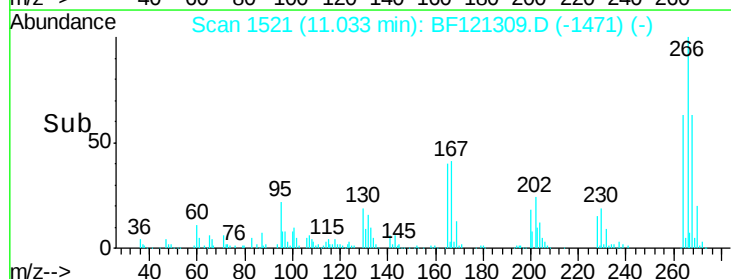
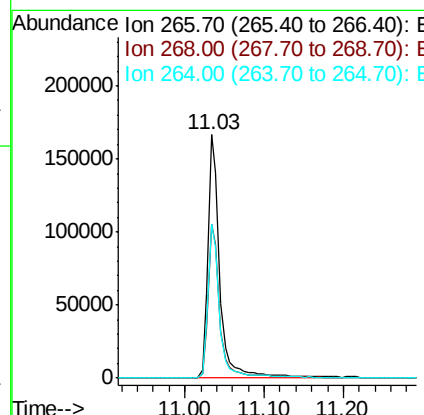
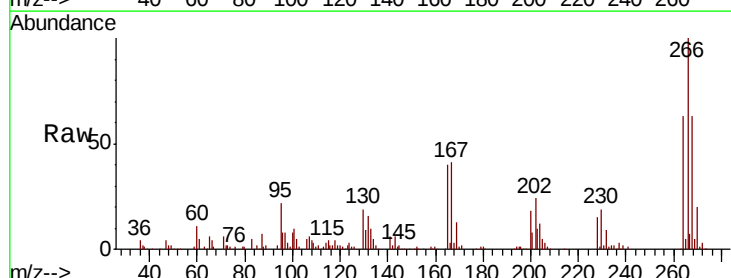
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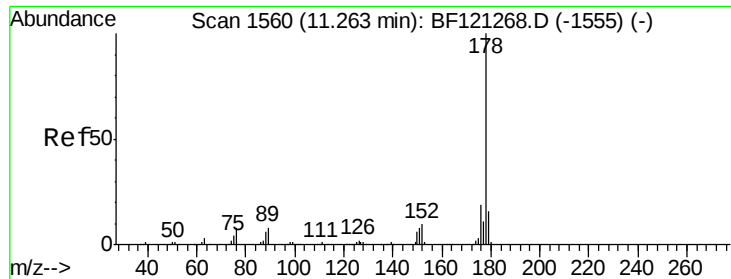
mohammad
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#70
Pentachlorophenol
Concen: 88.395 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	53.3	79.9
264	63.3	49.4	74.0





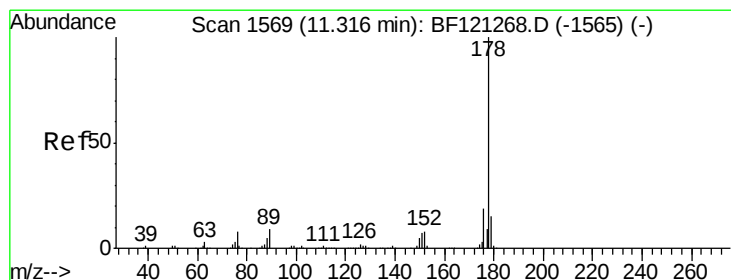
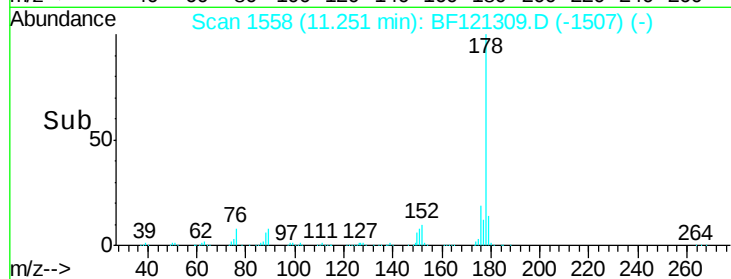
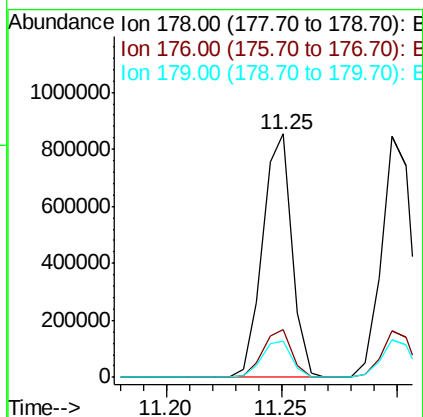
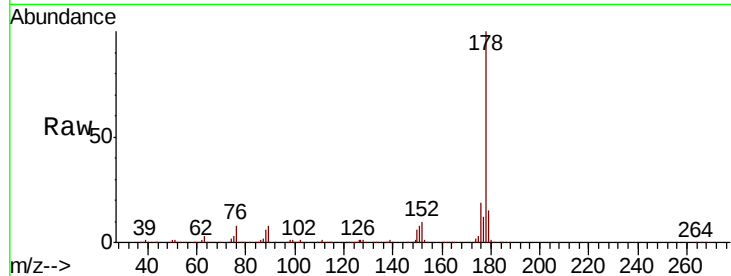
#71
Phenanthrene
Concen: 39.173 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.0	12.3	18.5

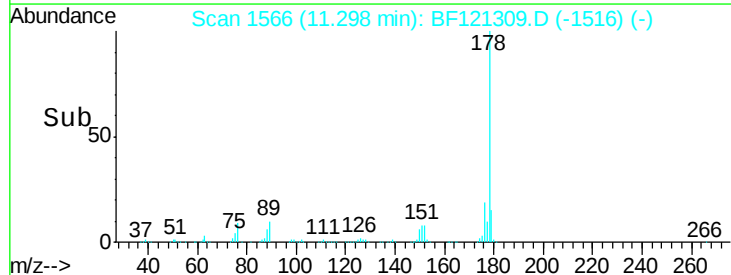
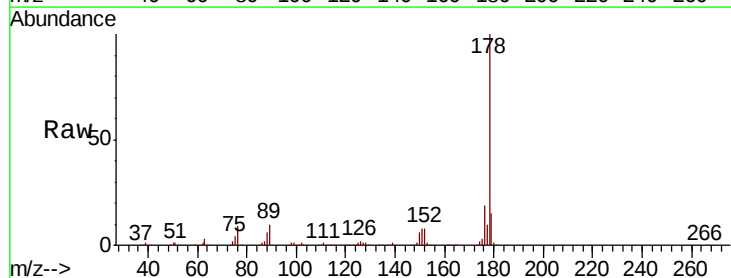
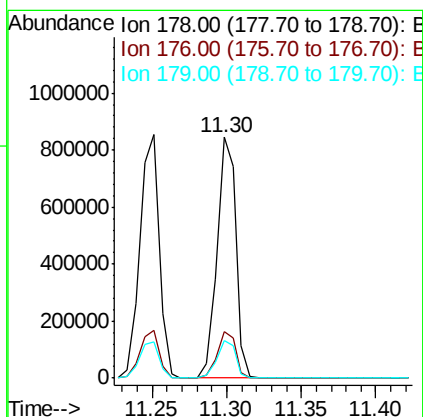
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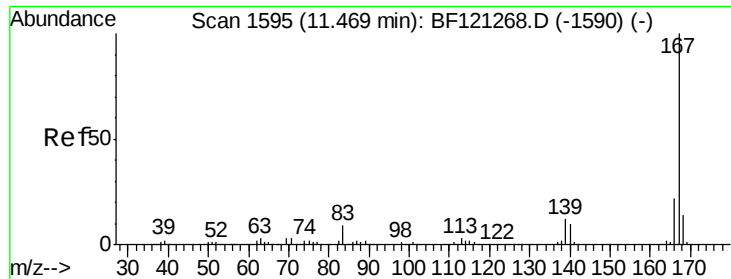
mohammad
8/18/2020 1:50:10 PM



#72
Anthracene
Concen: 38.595 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	15.4	12.2	18.4





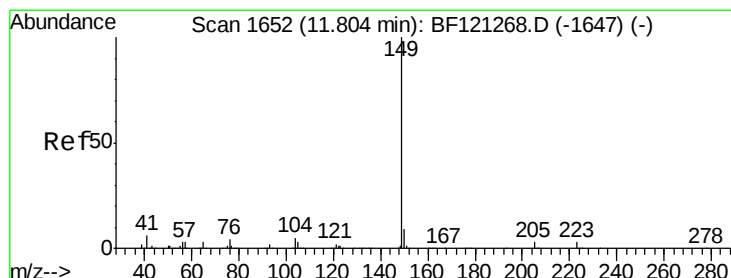
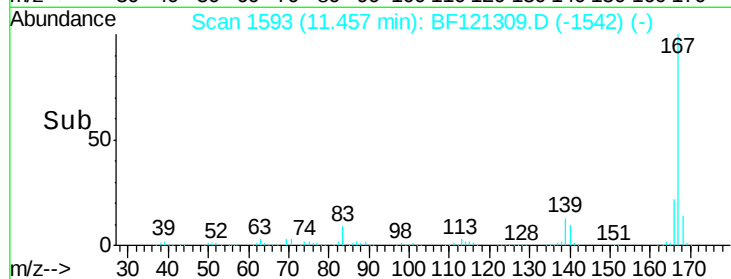
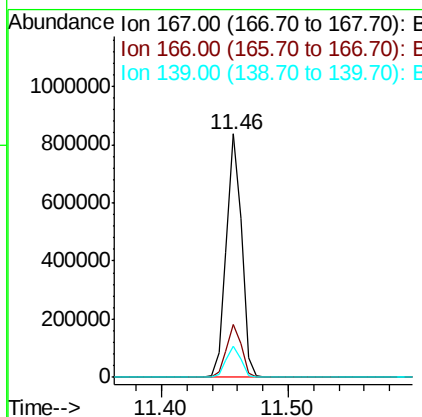
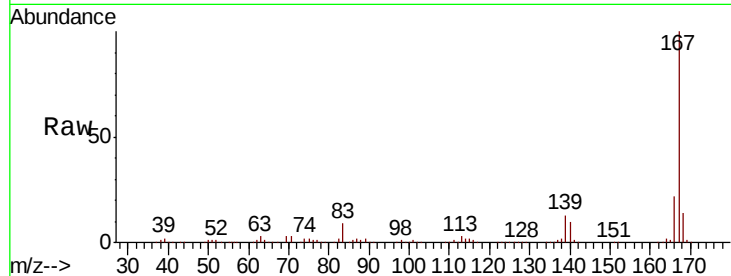
#73
 Carbazole
 Concen: 37.053 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.7	10.2	15.4

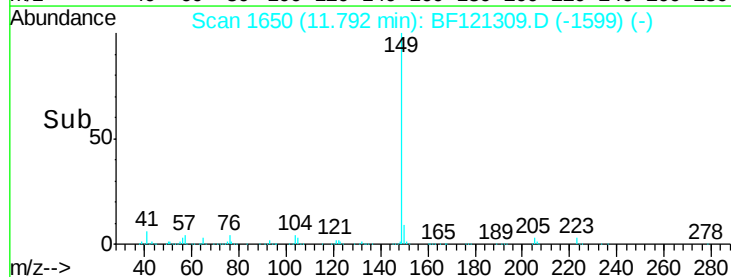
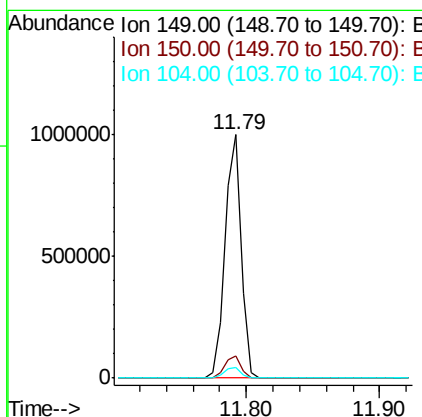
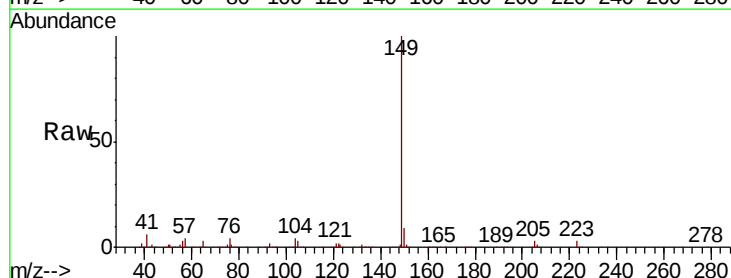
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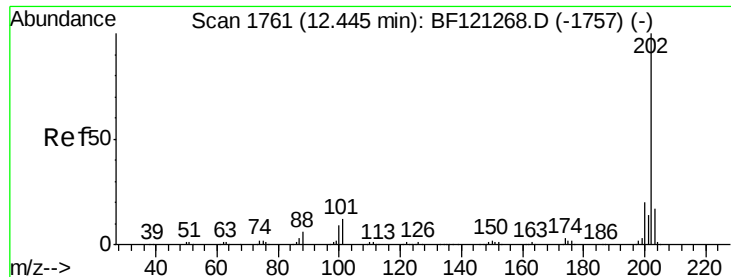
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.792 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 43.037 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

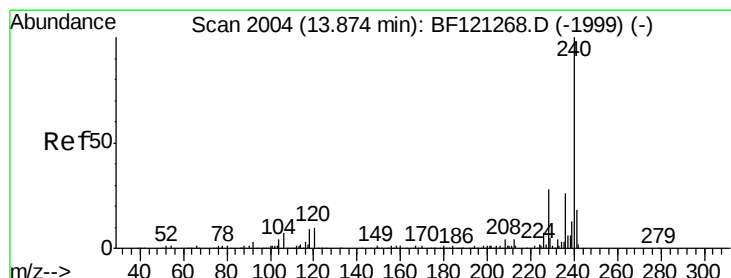
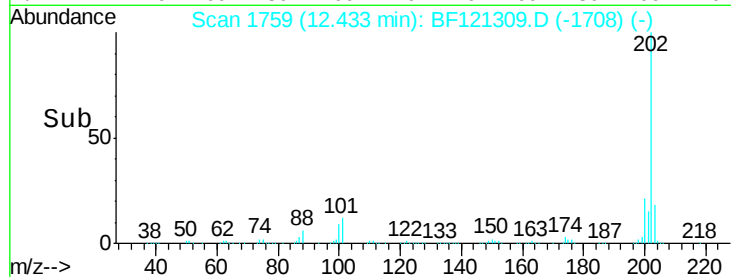
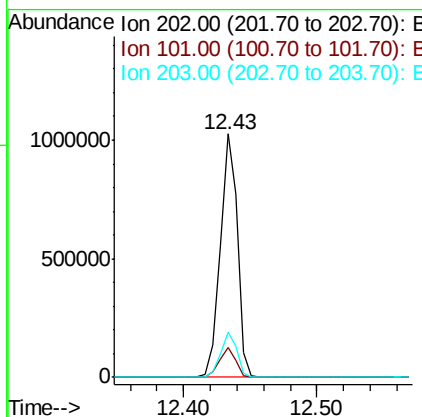
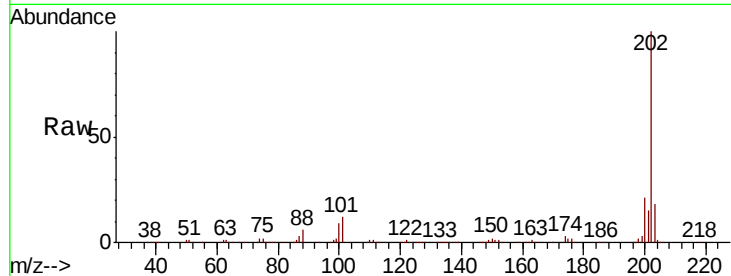
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	926903		
101	12.1		0.0	32.2
203	18.4		0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

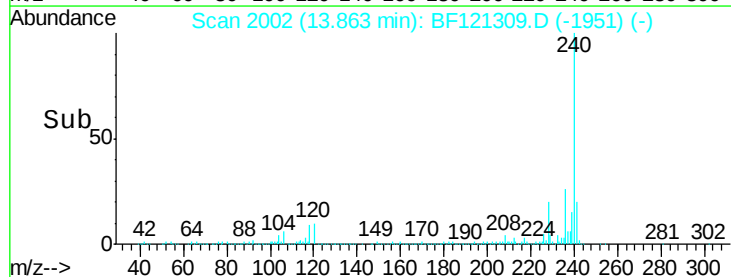
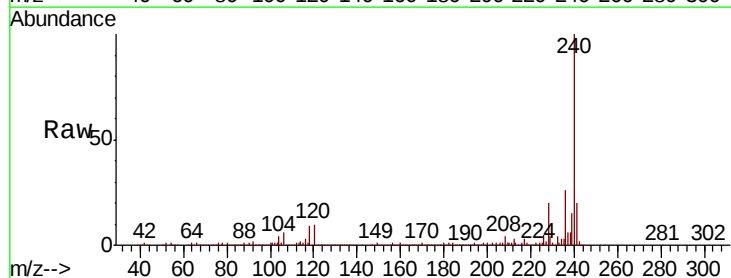
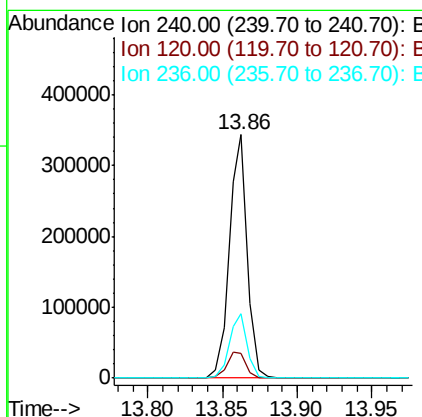
RT: 13.86 min Scan# 2002

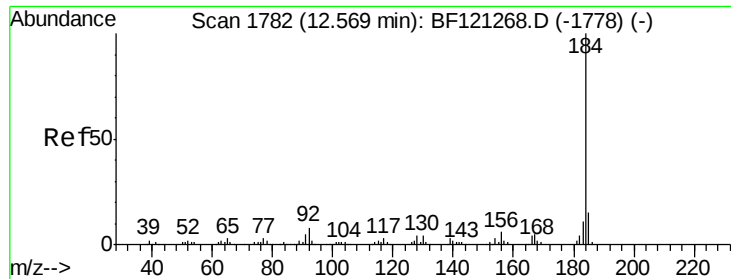
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	292135		
120	9.9		8.3	12.5
236	26.2		21.2	31.8





#77

Benzidine

Concen: 51.701 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:184 Resp: 397056

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

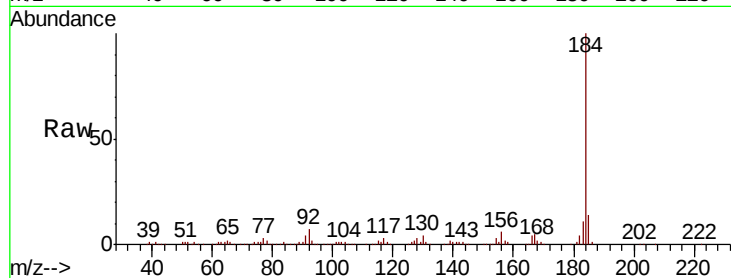
183 10.9 8.6 13.0

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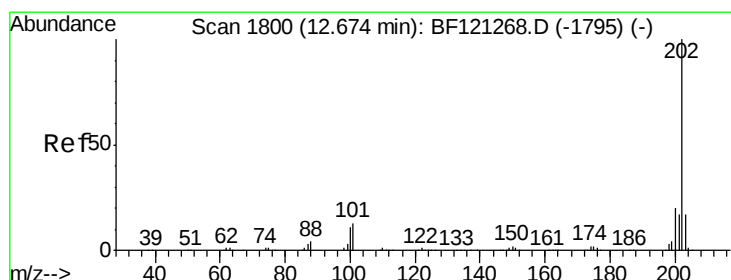
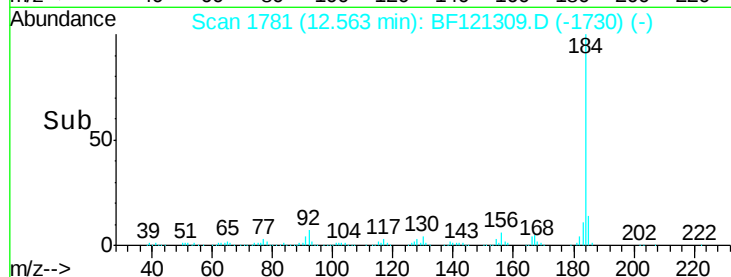
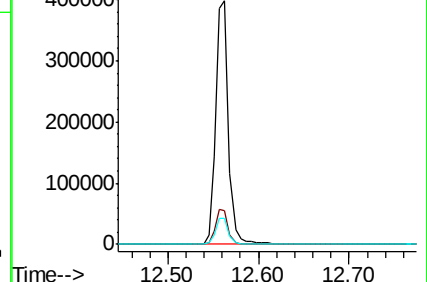
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.651 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

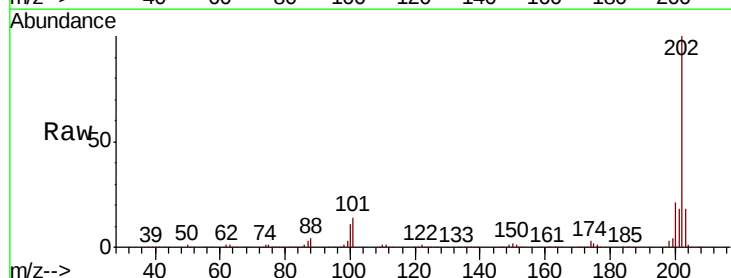
Tgt Ion:202 Resp: 927854

Ion Ratio Lower Upper

202 100

200 21.0 16.4 24.6

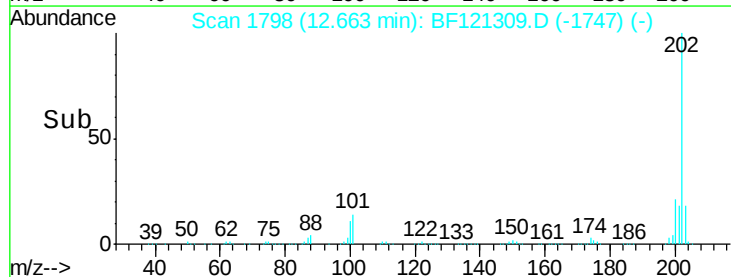
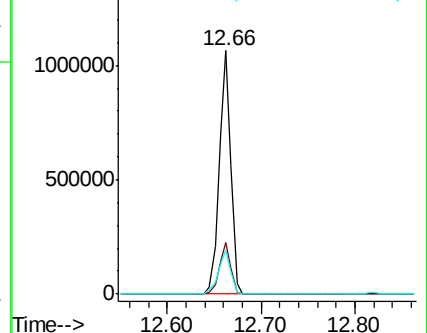
203 18.0 14.2 21.4

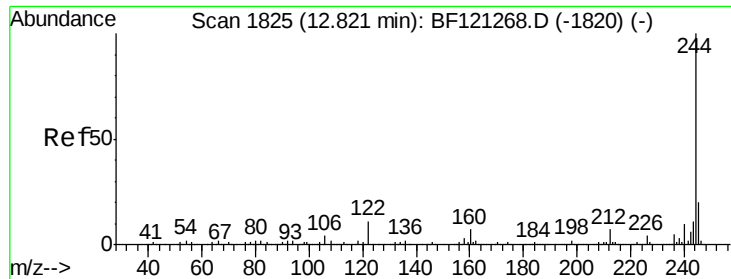


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





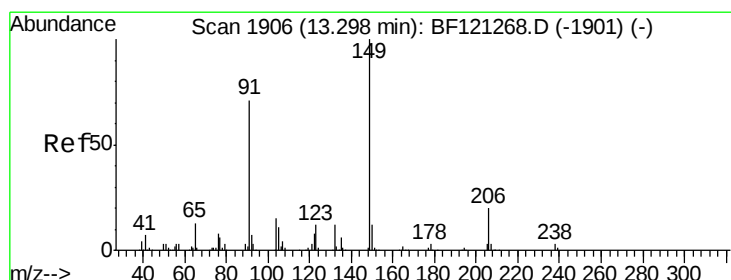
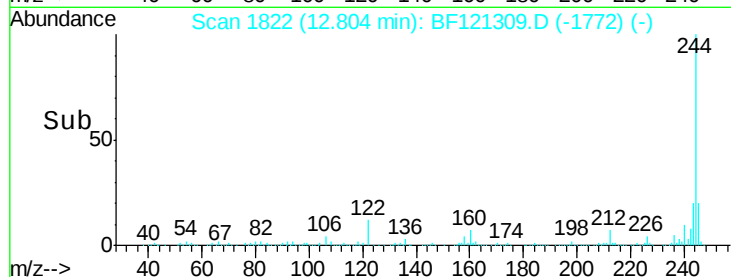
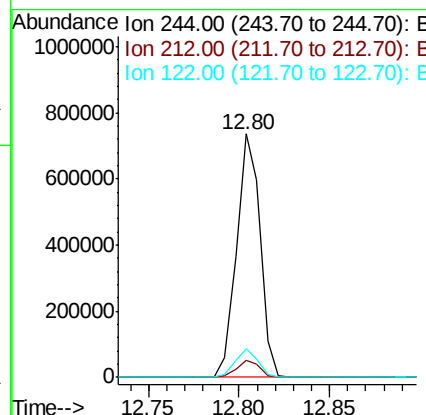
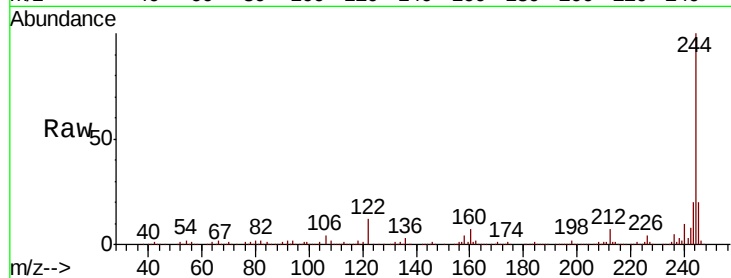
#79
 Terphenyl-d14
 Concen: 44.299 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	9.0	13.6

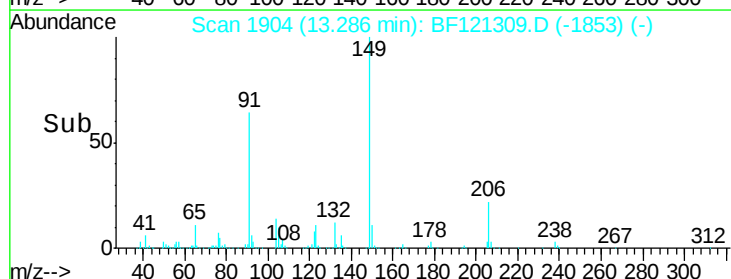
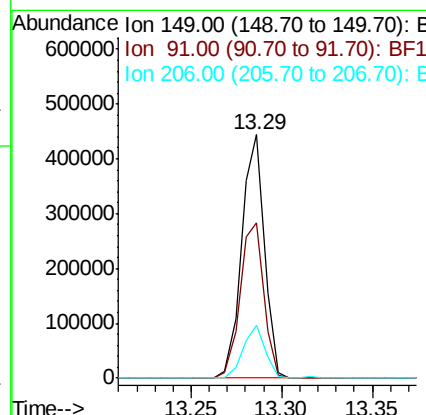
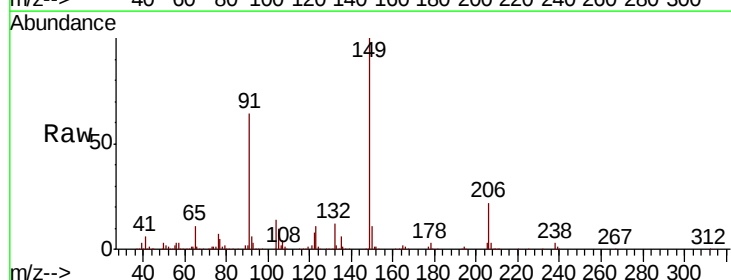
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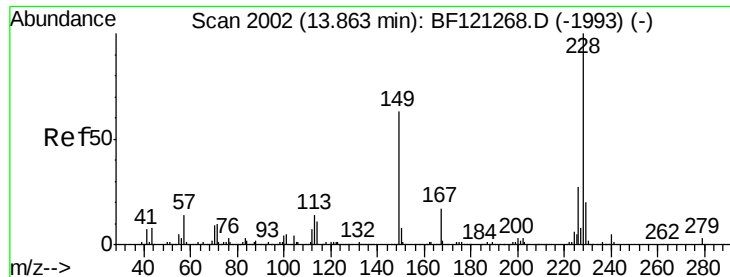
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.471 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	53.0	79.4
206	21.7	16.7	25.1





#81

Benzo(a)anthracene

Concen: 39.107 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

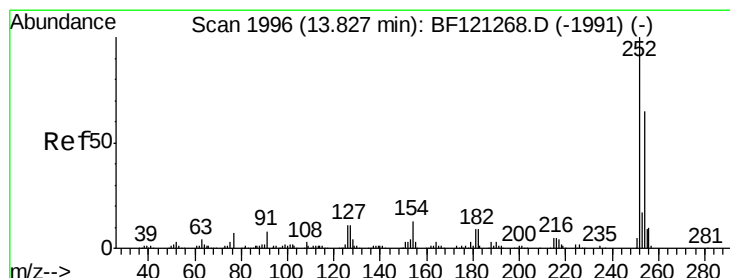
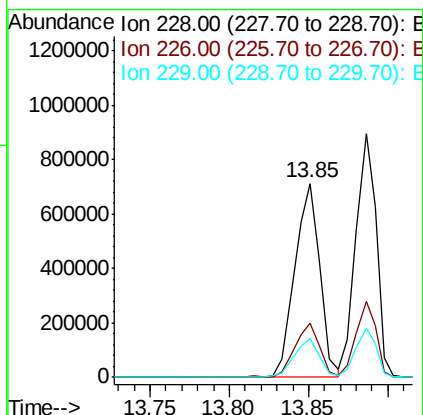
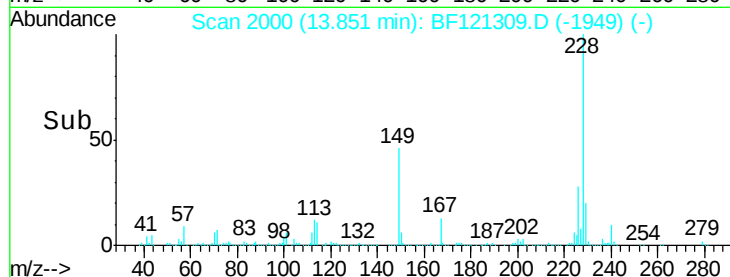
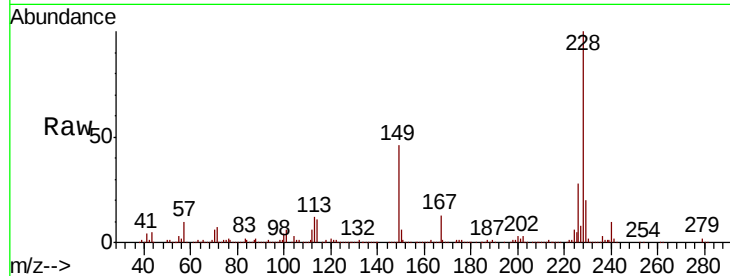
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion:	228	Resp:	774876
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.0	33.0
229	20.2	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 30.519 ng

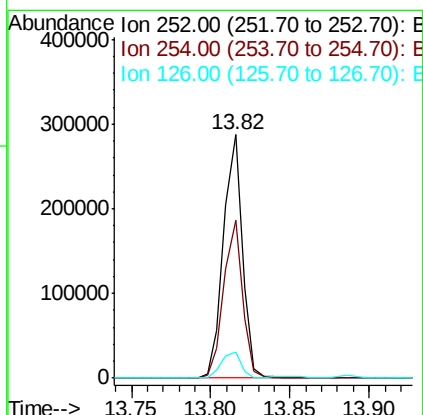
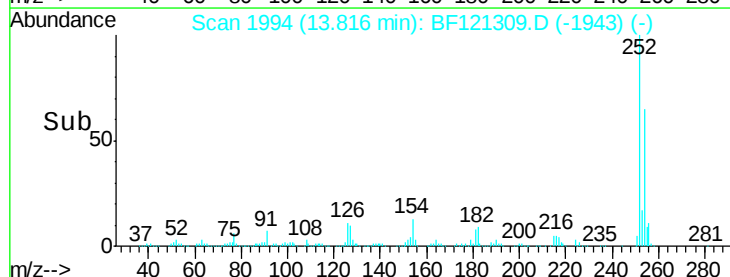
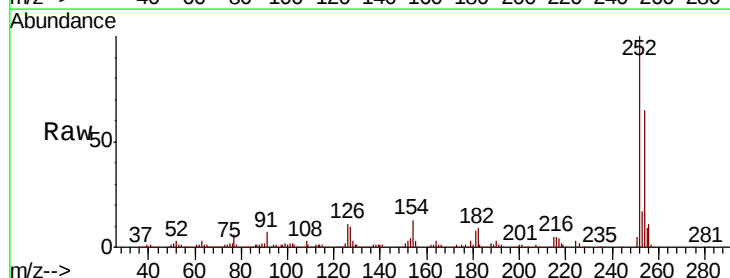
RT: 13.82 min Scan# 1994

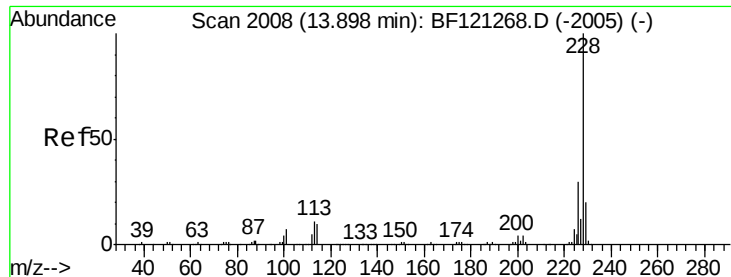
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion:	252	Resp:	239919
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.2	78.2
126	10.5	9.1	13.7





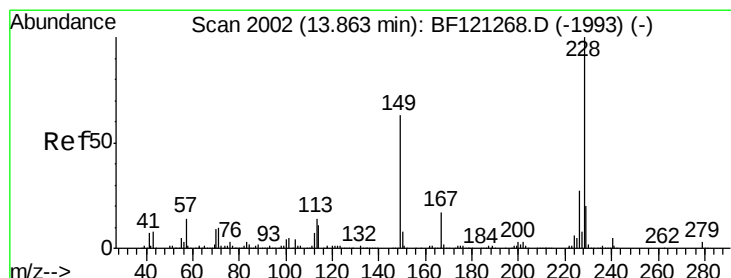
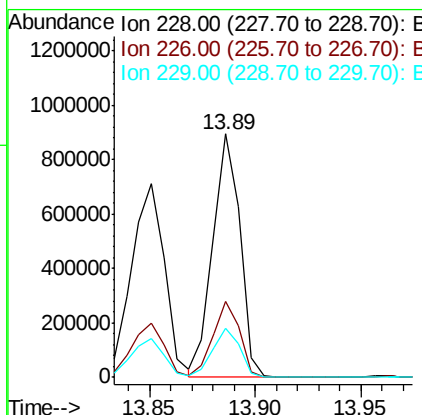
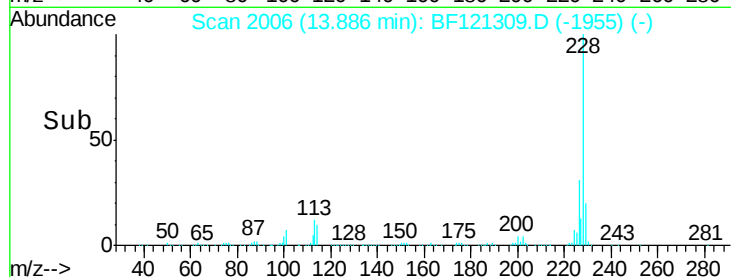
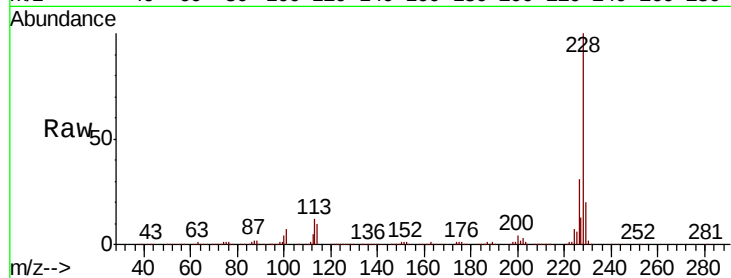
#83
Chrysene
Concen: 39.797 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	20.2	16.3	24.5

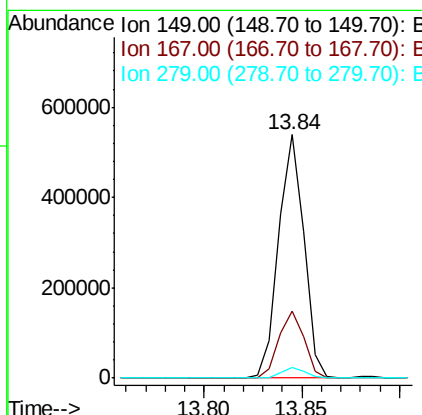
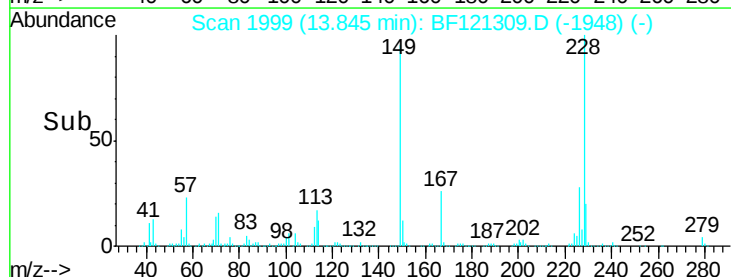
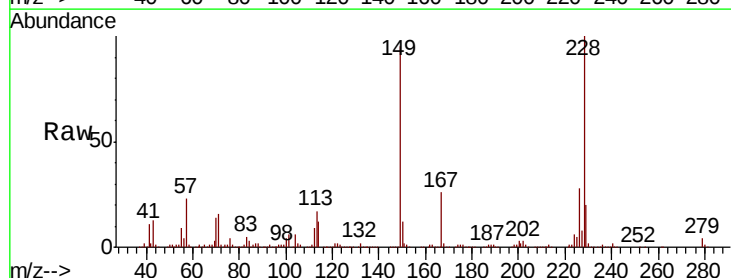
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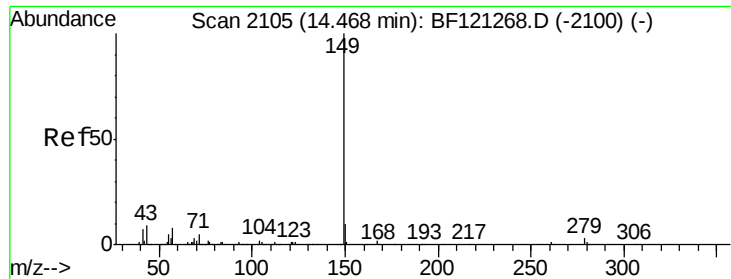
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.628 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.2	2.9	4.3





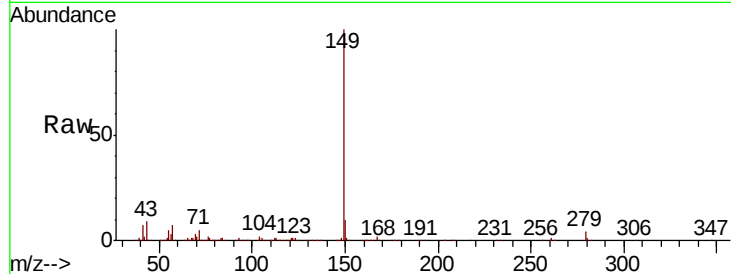
#85
Di-n-octyl phthalate
Concen: 43.067 ng
RT: 14.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

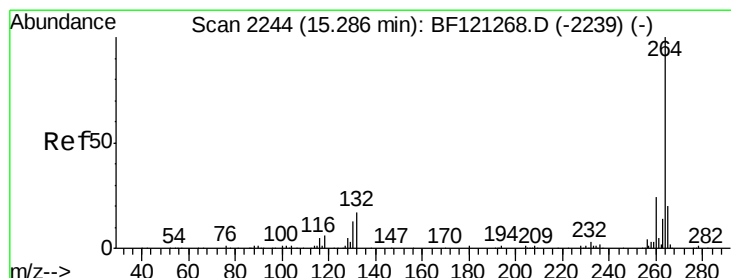
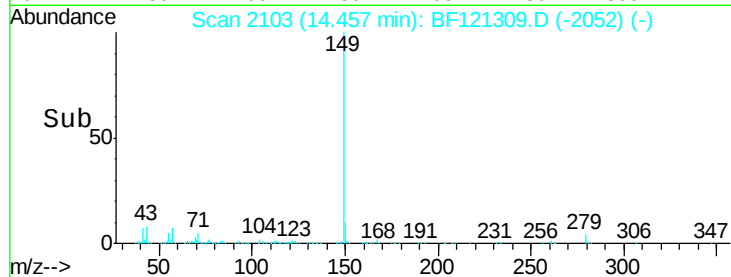
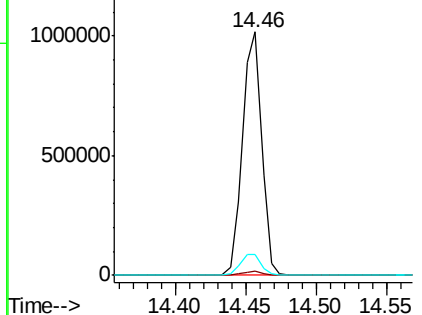
Tot Ion	Ratio	Resp	Lower	Upper
149	100	967130		
167	1.6		1.2	1.8
43	9.1		7.2	10.8

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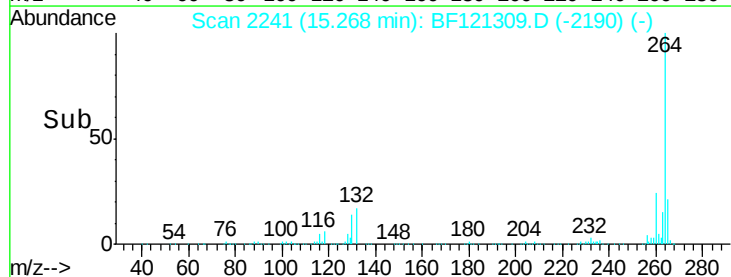
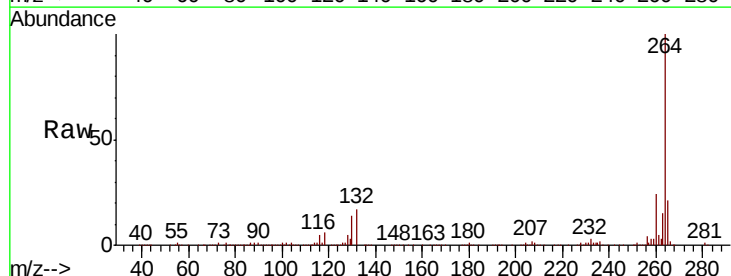
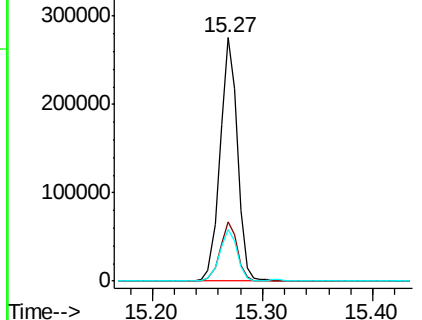
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

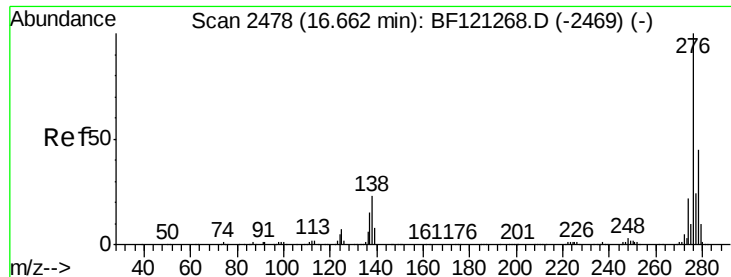


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	302254		
260	24.4		19.1	28.7
265	21.3		17.1	25.7

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





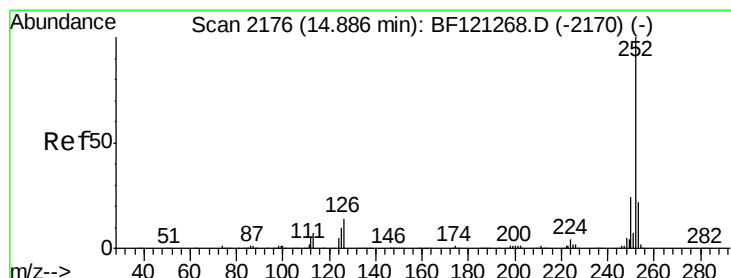
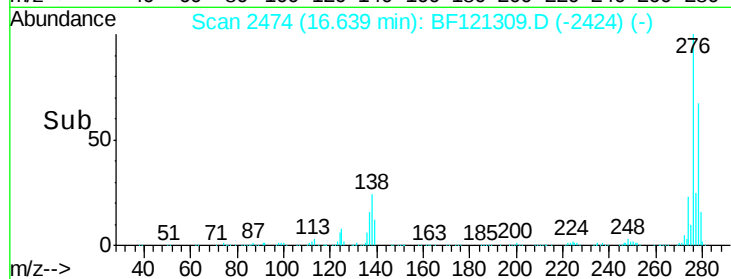
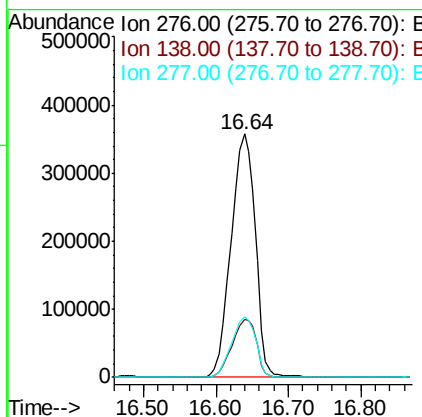
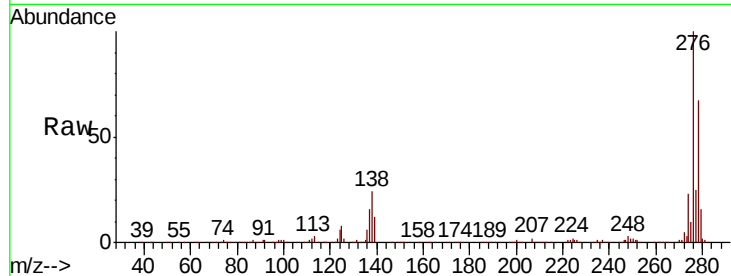
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.144 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.6	29.4
277	25.0	20.4	30.6

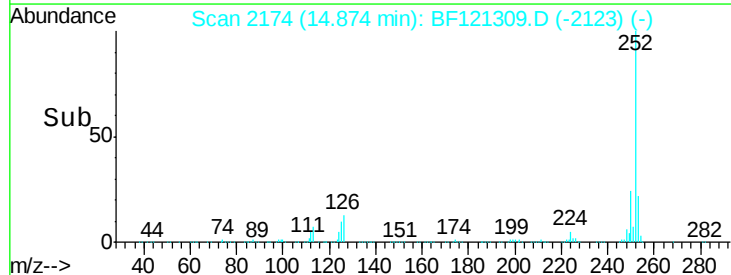
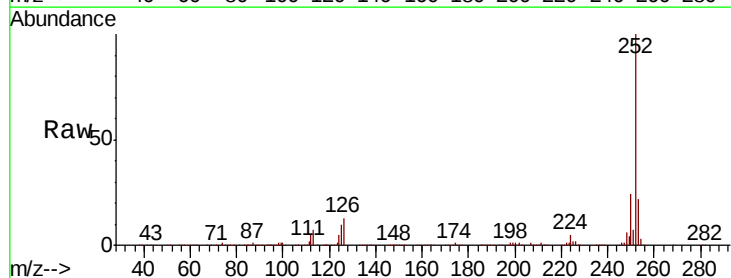
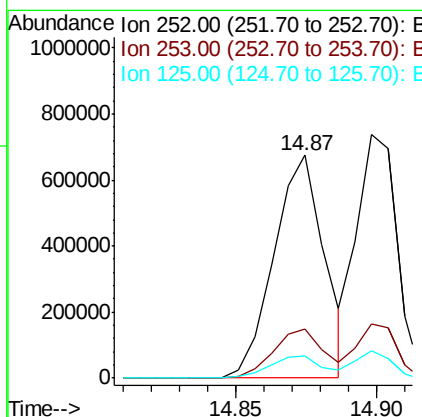
Manual Integrations
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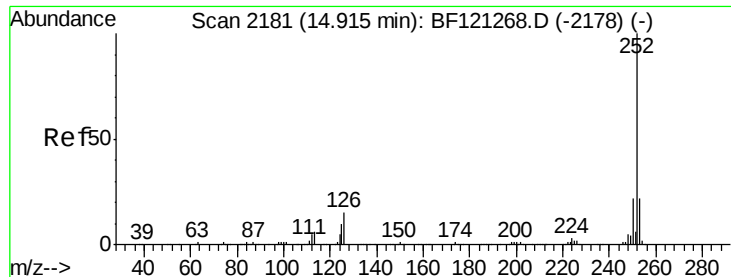
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 41.182 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF121309.D
 Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.2	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 38.639 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Instrument :

BNA_F

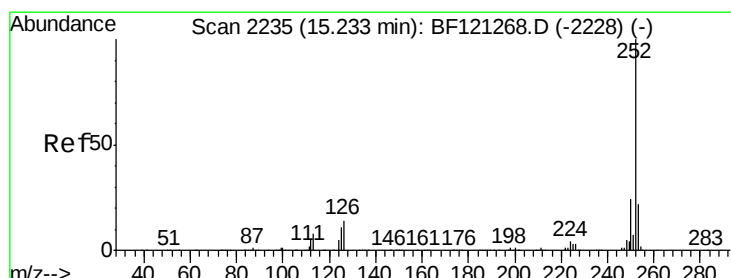
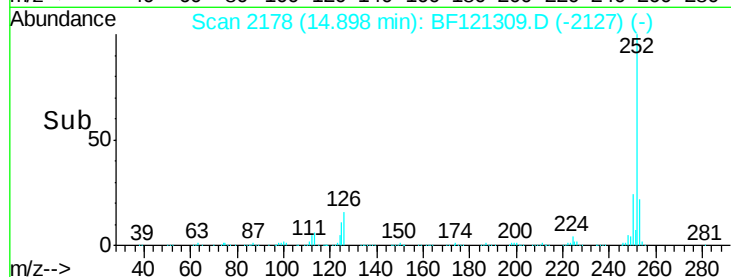
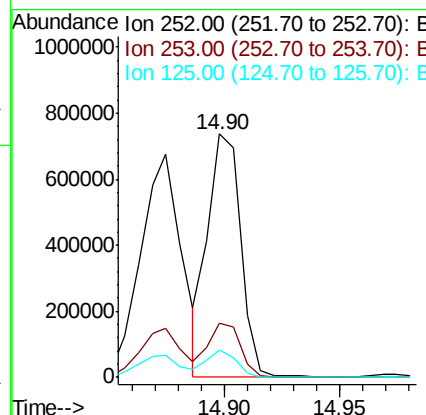
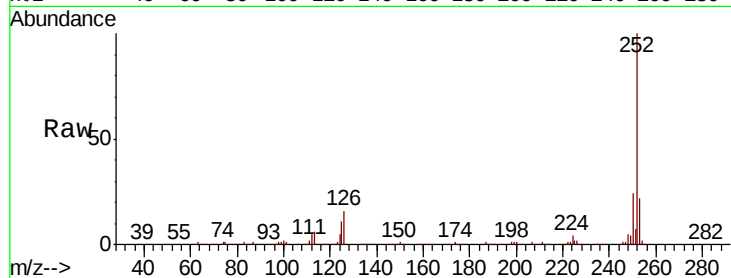
ClientSampleId :

S706-N-SO-0-0.5-081320MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.1	8.2	12.4

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 38.821 ng

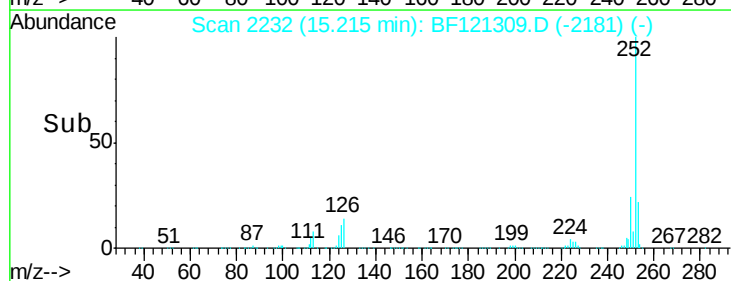
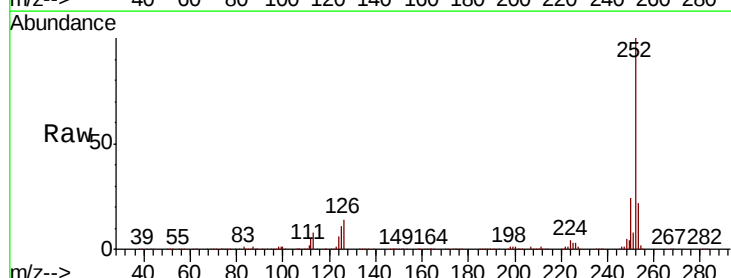
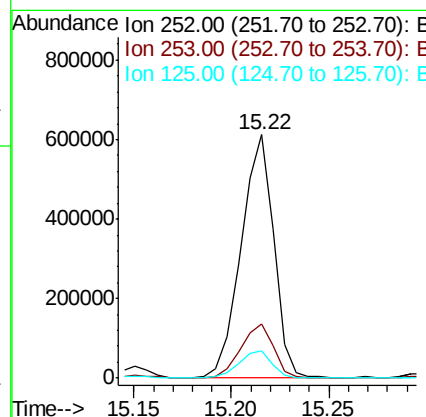
RT: 15.22 min Scan# 2232

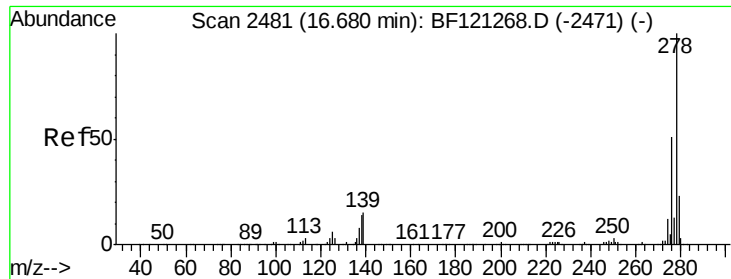
Delta R.T. 0.00 min

Lab File: BF121309.D

Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.2	8.7	13.1





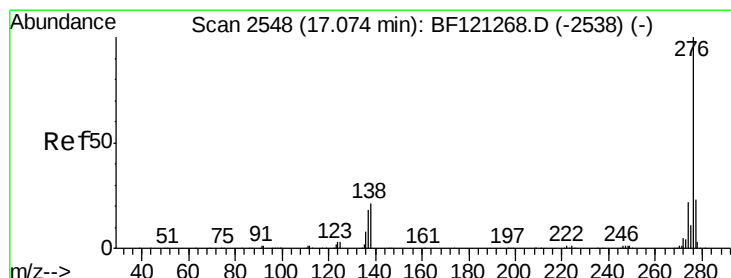
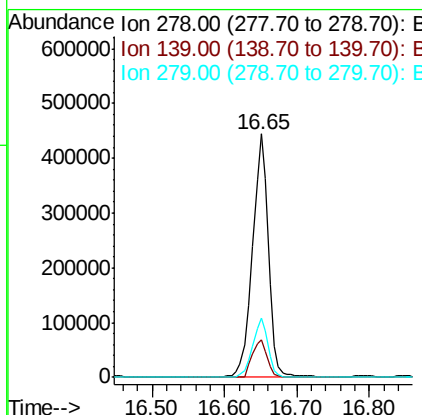
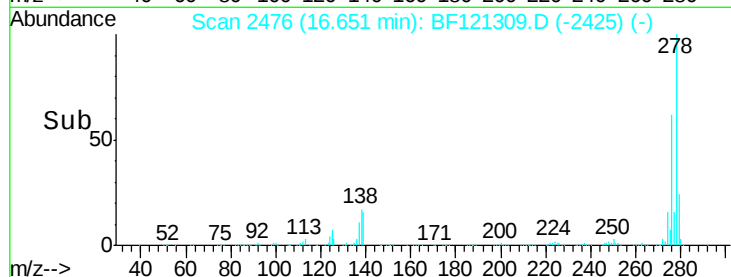
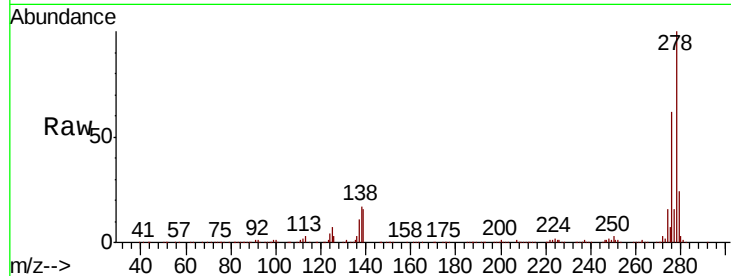
#91
Dibenzo(a,h)anthracene
Concen: 35.103 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.1	19.7
279	24.3	18.6	27.8

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 36.839 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF121309.D
Acq: 17 Aug 2020 14:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	22.1	16.6	24.8

