

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061620\
 Data File : BF120630.D
 Acq On : 16 Jun 2020 16:25
 Operator : JU/CG
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

mohammad
 6/18/2020 11:51:57 AM

Quant Time: Jun 16 17:01:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147165	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	588710	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	334082	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	653711	20.00	ng	0.00
76) Chrysene-d12	13.96	240	518587	20.00	ng	0.00
86) Perylene-d12	15.39	264	593780	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	680473	79.27	ng	-0.01
7) Phenol-d6	6.43	99	926399	86.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	800012	75.96	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	310578	79.96	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1626407	74.48	ng	0.00
79) Terphenyl-d14	12.90	244	1846175	78.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	152692	37.532	ng	99
3) Pyridine	3.20	79	440234	38.493	ng	98
4) n-Nitrosodimethylamine	3.15	42	186838	39.365	ng	97
6) Aniline	6.46	93	582071	42.542	ng	98
8) 2-Chlorophenol	6.59	128	388299	40.031	ng	96
9) Benzaldehyde	6.35	77	254836	37.685	ng	97
10) Phenol	6.45	94	501424	43.959	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	380939	40.094	ng	98
12) 1,3-Dichlorobenzene	6.74	146	417714	40.507	ng	99
13) 1,4-Dichlorobenzene	6.82	146	419374	41.219	ng	99
14) 1,2-Dichlorobenzene	6.97	146	400257	40.385	ng	99
15) Benzyl Alcohol	6.94	79	340691	44.936	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	596650	43.613	ng	99
17) 2-Methylphenol	7.05	107	364031	44.002	ng	97
18) Hexachloroethane	7.31	117	154392	41.182	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	287249	46.319	ng	97
20) 3+4-Methylphenols	7.21	107	433788	41.960	ng	91
22) Acetophenone	7.21	105	520385	39.538	ng	# 98
24) Nitrobenzene	7.38	77	427670	38.803	ng	97
25) Isophorone	7.62	82	838765	40.883	ng	99
26) 2-Nitrophenol	7.70	139	222771	38.206	ng	94
27) 2,4-Dimethylphenol	7.73	122	343901	40.057	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	511453	43.006	ng	99
29) 2,4-Dichlorophenol	7.94	162	360175	41.272	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	375537	38.831	ng	98
31) Naphthalene	8.10	128	1152945	39.884	ng	99
32) Benzoic acid	7.86	122	285517	43.345	ng	99
33) 4-Chloroaniline	8.15	127	546900	41.218	ng	98
34) Hexachlorobutadiene	8.22	225	223894	39.716	ng	99
35) Caprolactam	8.52	113	120268m	43.090	ng	
36) 4-Chloro-3-methylphenol	8.63	107	380727	43.668	ng	99
37) 2-Methylnaphthalene	8.79	142	821942	43.556	ng	99
38) 1-Methylnaphthalene	8.89	142	781295	43.999	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	395904	39.688	ng	99

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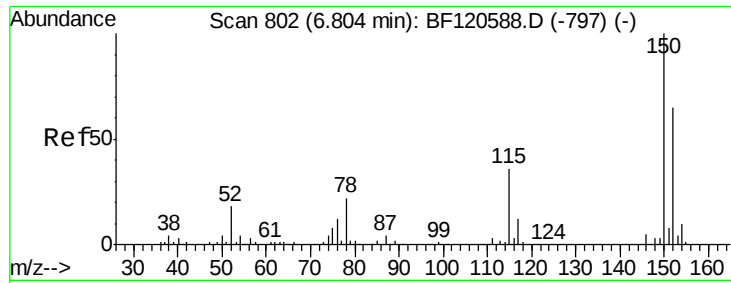
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	203787	36.456	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	280933	39.701	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	320579	39.932	ng	97
46) 1,1'-Biphenyl	9.26	154	1011519	40.548	ng	98
47) 2-Chloronaphthalene	9.28	162	815252	39.964	ng	99
48) 2-Nitroaniline	9.37	65	257486	40.189	ng	95
49) Acenaphthylene	9.70	152	1271394	40.384	ng	99
50) Dimethylphthalate	9.56	163	953286	39.620	ng	100
51) 2,6-Dinitrotoluene	9.62	165	219115	40.184	ng	92
52) Acenaphthene	9.87	154	758975	40.422	ng	99
53) 3-Nitroaniline	9.79	138	257714	39.350	ng	98
54) 2,4-Dinitrophenol	9.89	184	108839	35.784	ng	95
55) Dibenzofuran	10.04	168	1165603	40.486	ng	98
56) 4-Nitrophenol	9.95	139	187097	37.930	ng	95
57) 2,4-Dinitrotoluene	10.02	165	287430	39.725	ng	94
58) Fluorene	10.38	166	858147	38.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	252275	39.943	ng	99
60) Diethylphthalate	10.26	149	947927	40.002	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	444430	38.776	ng	97
62) 4-Nitroaniline	10.40	138	255865	39.352	ng	99
63) Azobenzene	10.53	77	878679	40.849	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	149694	38.163	ng	88
66) n-Nitrosodiphenylamine	10.49	169	803515	40.026	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	298382	40.218	ng	96
68) Hexachlorobenzene	10.93	284	321234	40.272	ng	98
69) Atrazine	11.02	200	201161	32.382	ng	99
70) Pentachlorophenol	11.12	266	179949	40.577	ng	99
71) Phenanthrene	11.34	178	1294883	39.848	ng	100
72) Anthracene	11.39	178	1311382	40.036	ng	100
73) Carbazole	11.55	167	1271476	39.214	ng	99
74) Di-n-butylphthalate	11.88	149	1473154	40.413	ng	100
75) Fluoranthene	12.53	202	1427521	38.422	ng	100
77) Benzidine	12.65	184	609443	34.749	ng	98
78) Pyrene	12.76	202	1474996	40.149	ng	100
80) Butylbenzylphthalate	13.37	149	646628	39.639	ng	100
81) Benzo(a)anthracene	13.94	228	1255037	40.282	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	471206	39.595	ng	99
83) Chrysene	13.98	228	1281083	40.086	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	824477	41.413	ng	99
85) Di-n-octyl phthalate	14.54	149	1545596	40.679	ng	100
87) Indeno(1,2,3-cd)pyrene	16.81	276	1597611	44.233	ng	99
88) Benzo(b)fluoranthene	14.98	252	1369940	38.732	ng	99
89) Benzo(k)fluoranthene	15.01	252	1244676	39.769	ng	99
90) Benzo(a)pyrene	15.33	252	1246283	39.371	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	1266562	43.730	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1322896	45.314	ng	98

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



#1

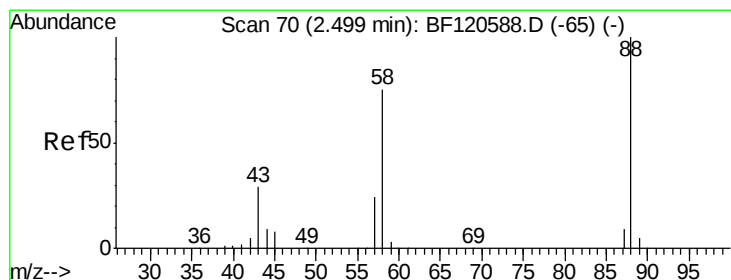
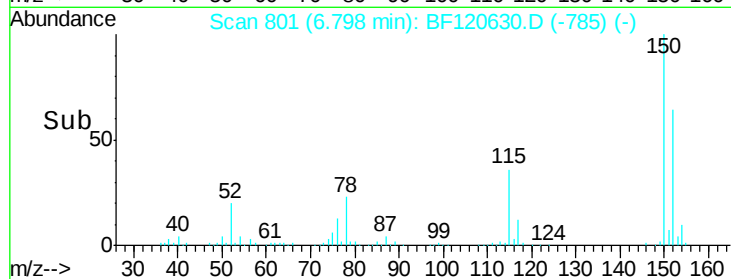
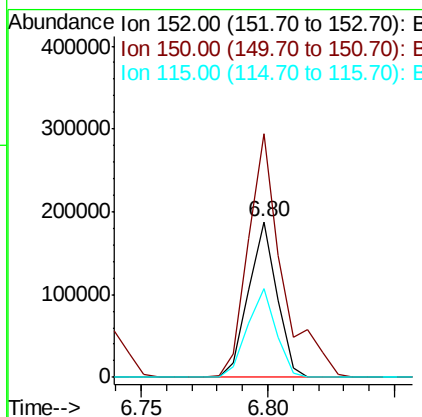
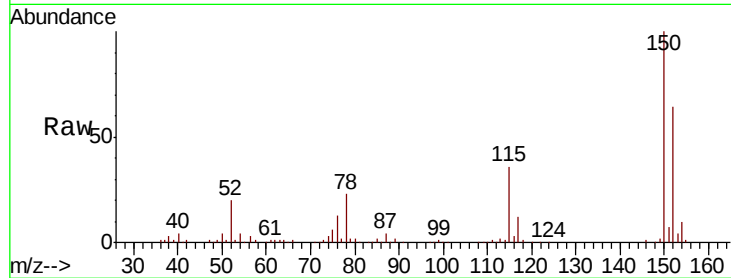
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.2	184.8
115	57.0	43.9	65.9

Manual Integrations
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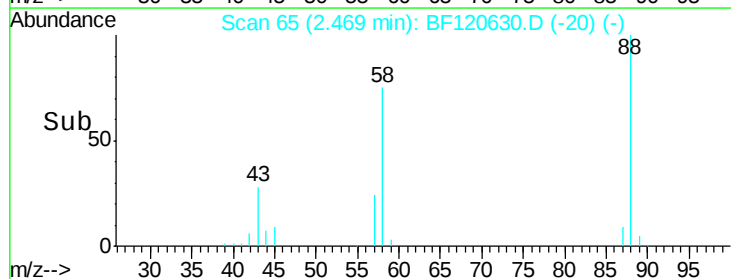
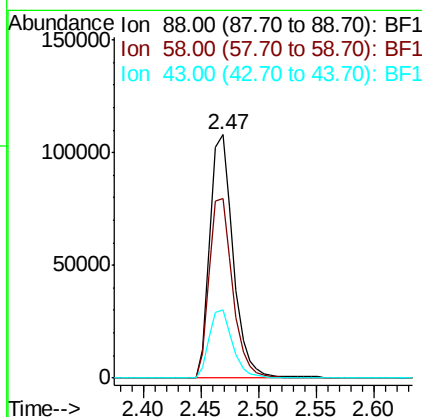
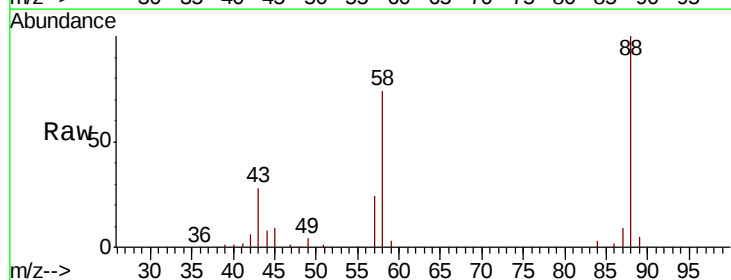
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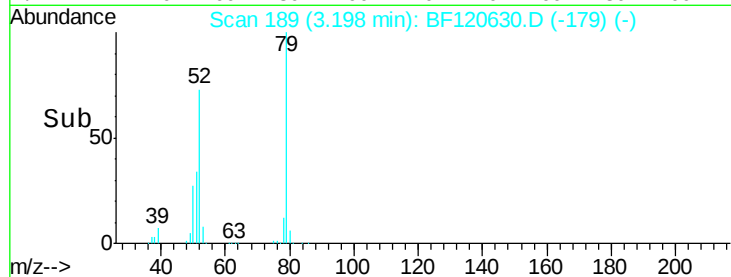
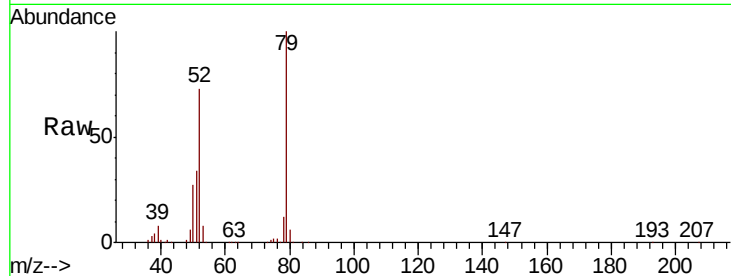
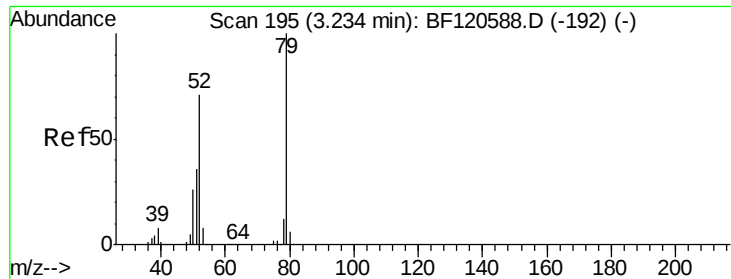


#2

1,4-Dioxane
Concen: 37.532 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.04 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	59.6	89.4
43	27.8	23.1	34.7





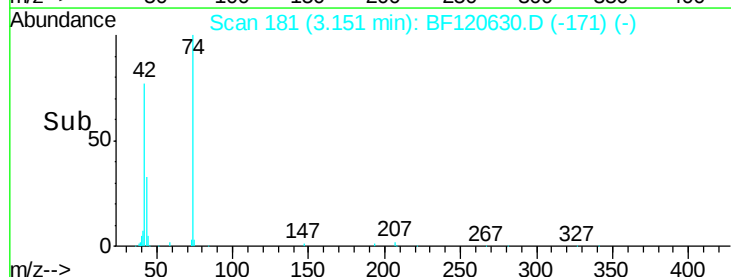
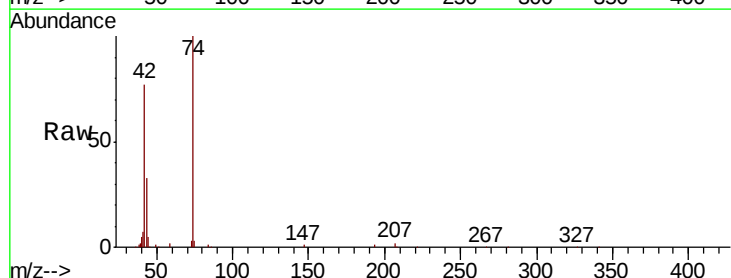
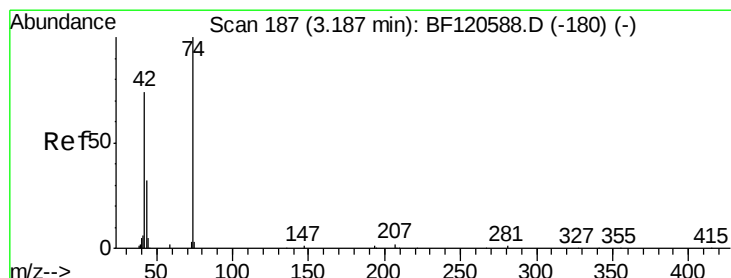
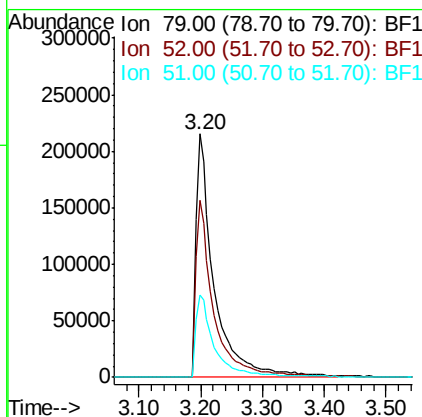
#3
 Pvridine
 Concen: 38.493 ng
 RT: 3.20 min Scan# 189
 Delta R.T. -0.04 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tot Ion:	79	Resp:	440234
Ion Ratio	Lower	Upper	
79	100		
52	72.6	57.0	85.6
51	34.0	28.5	42.7

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

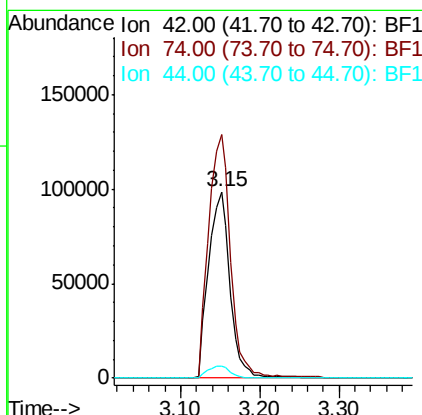
Manual Integrations
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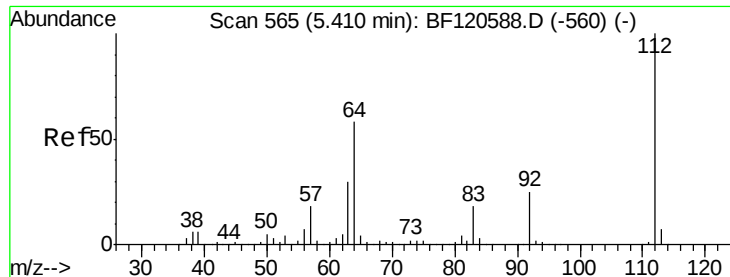
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#4
 n-Nitrosodimethylamine
 Concen: 39.365 ng
 RT: 3.15 min Scan# 181
 Delta R.T. -0.04 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion:	42	Resp:	186838
Ion Ratio	Lower	Upper	
42	100		
74	130.5	107.8	161.6
44	6.7	5.1	7.7





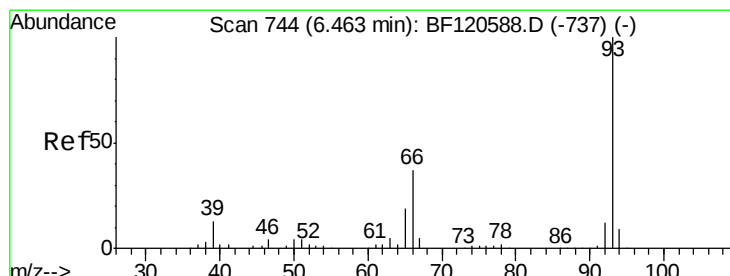
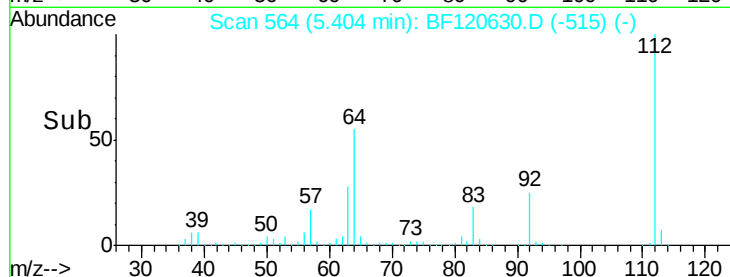
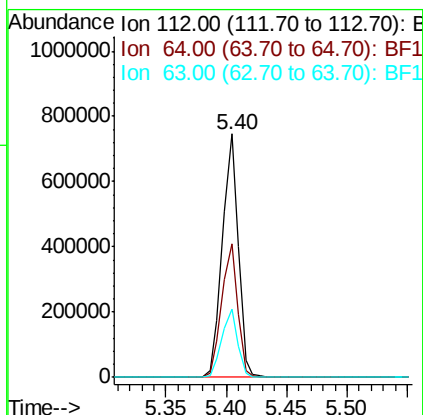
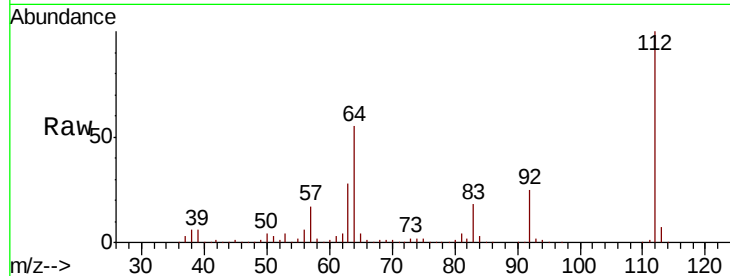
#5
2-Fluorophenol
Concen: 79.274 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	680473		
64	54.9		46.1	69.1
63	28.0		23.7	35.5

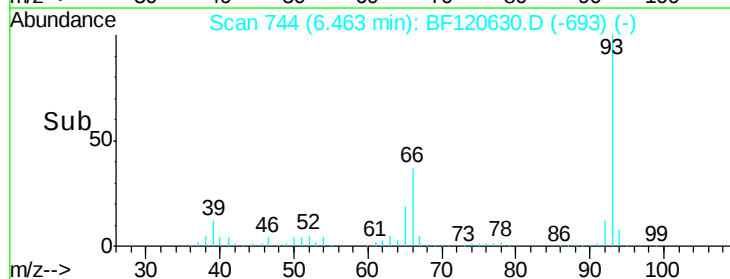
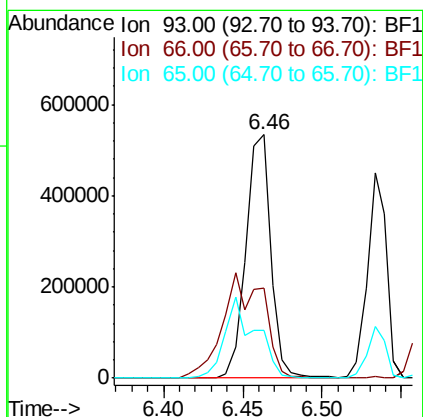
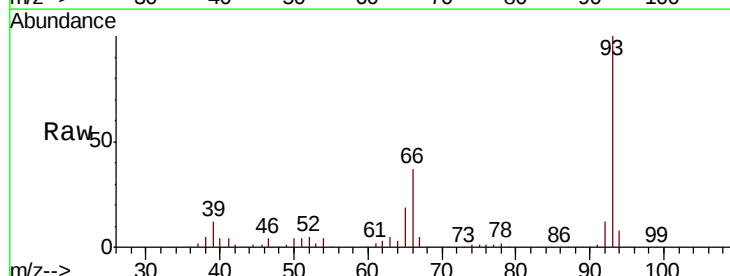
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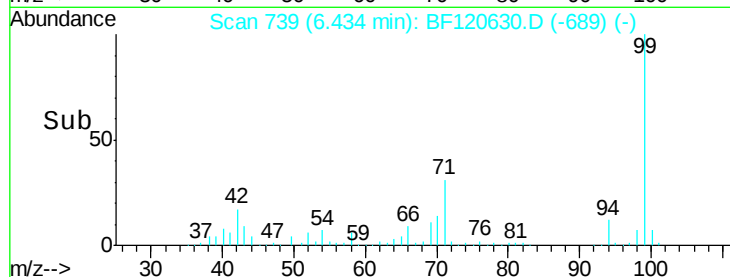
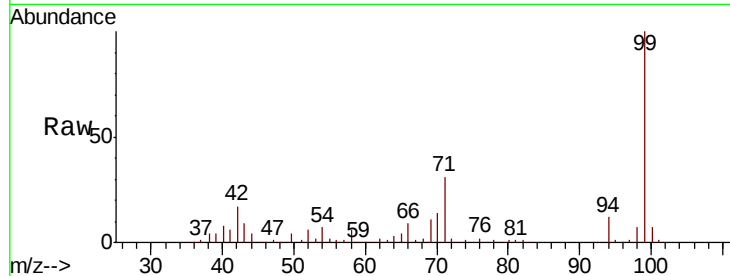
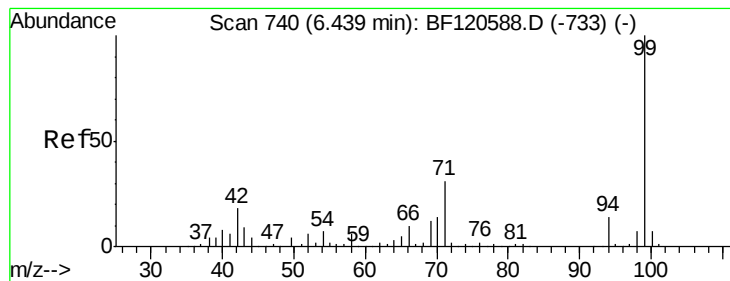
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#6
Aniline
Concen: 42.542 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	582071		
66	36.9		30.9	46.3
65	19.4		15.9	23.9





#7

Phenol-d6

Concen: 86.652 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		926399		
42	17.4	14.0	21.0		
71	30.7	24.9	37.3		

Instrument :

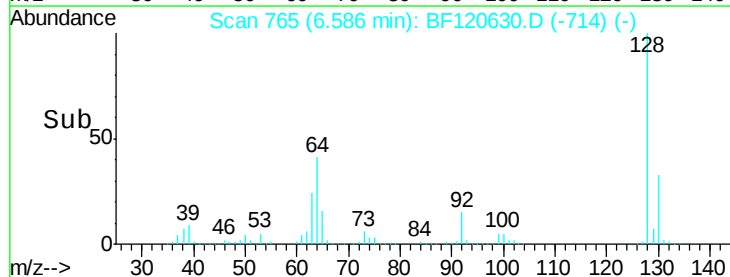
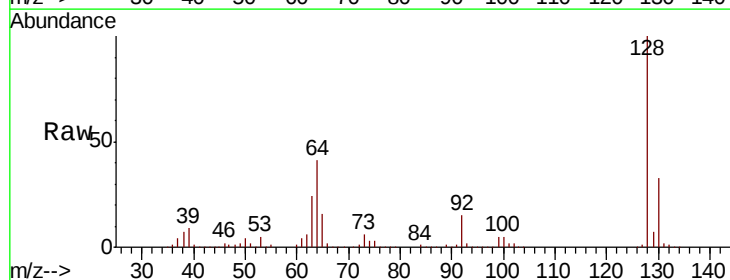
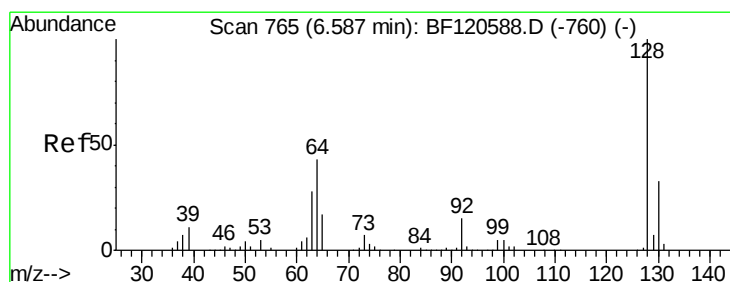
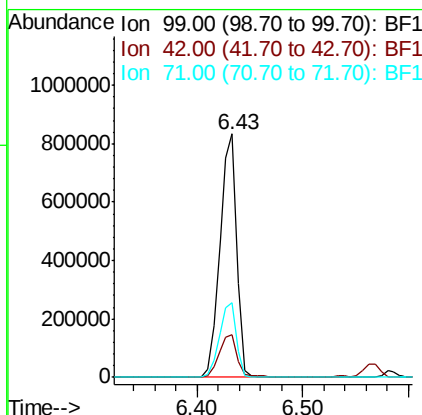
BNA_F

ClientSampleId :

SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 40.031 ng

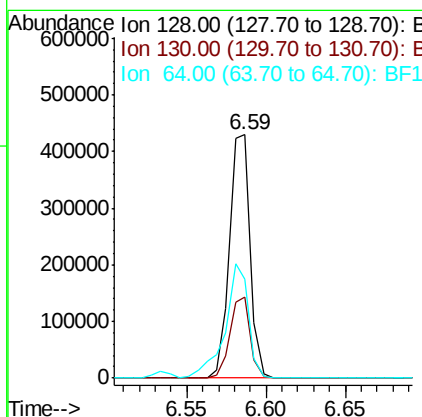
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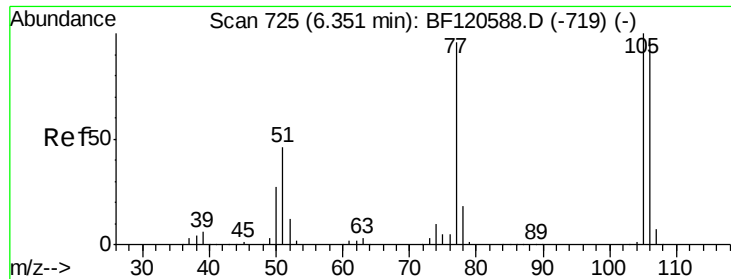
Delta R.T. 0.00 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		388299		
130	33.2	12.6	52.6		
64	40.6	24.3	64.3		





#9

Benzaldehyde

Concen: 37.685 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

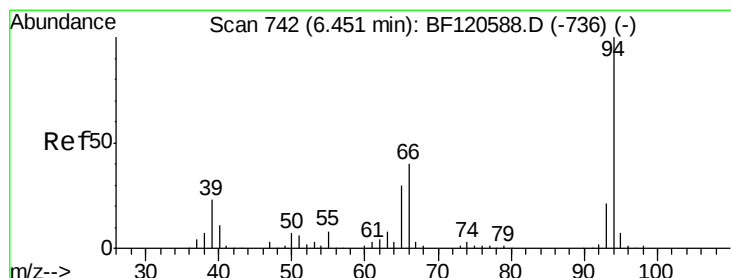
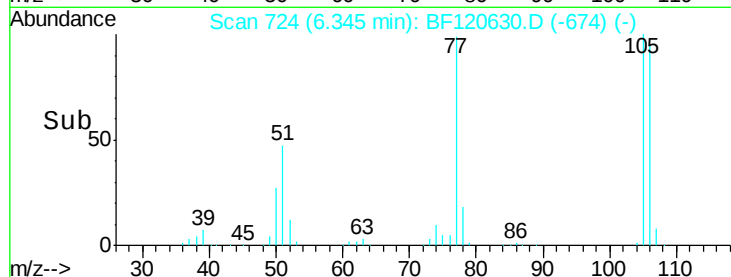
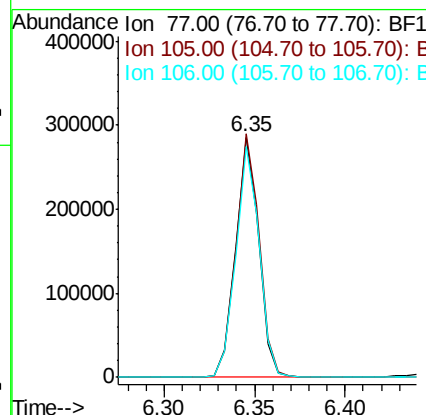
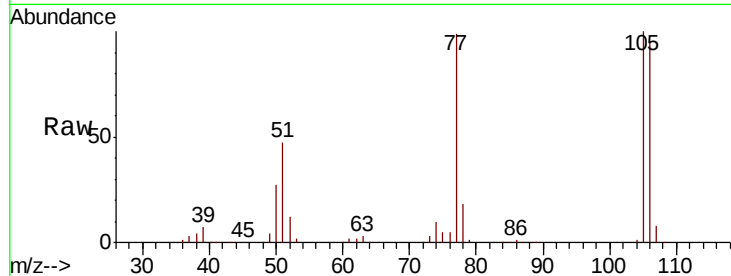
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	254836
Ion Ratio	Lower	Upper	
77	100		
105	101.3	83.8	123.8
106	95.9	79.3	119.3

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#10

Phenol

Concen: 43.959 ng

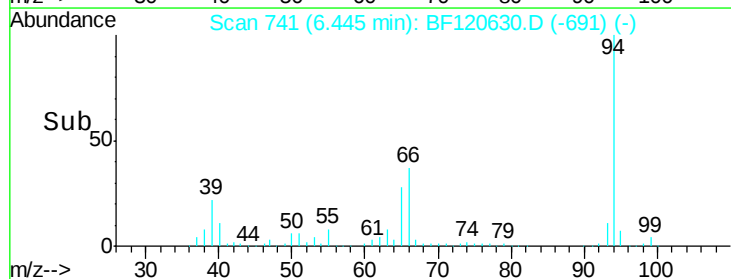
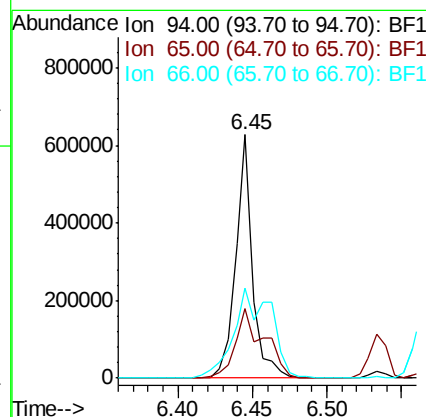
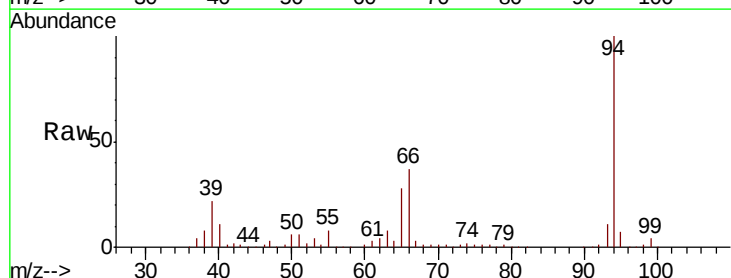
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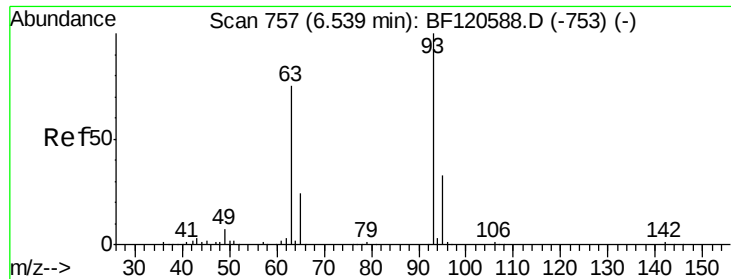
Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Tgt Ion:	94	Resp:	501424
Ion Ratio	Lower	Upper	
94	100		
65	28.4	9.9	49.9
66	36.9	20.1	60.1





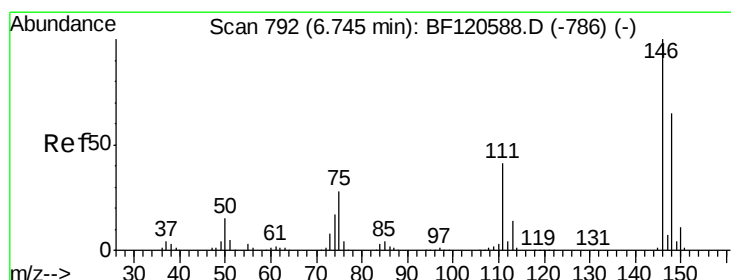
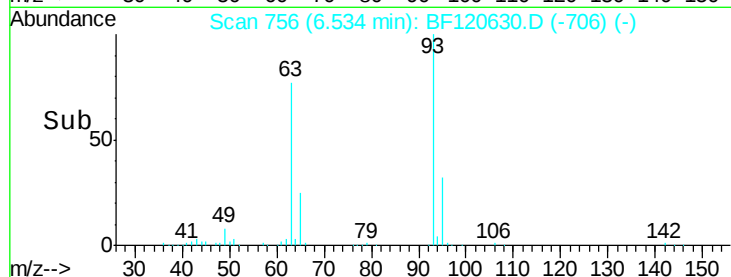
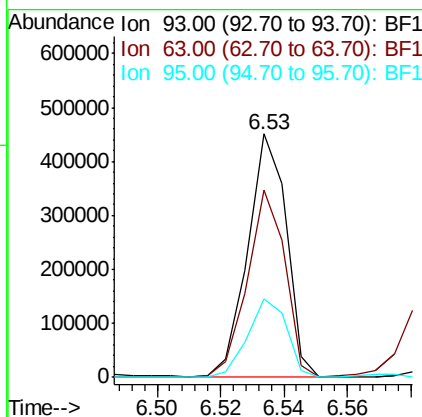
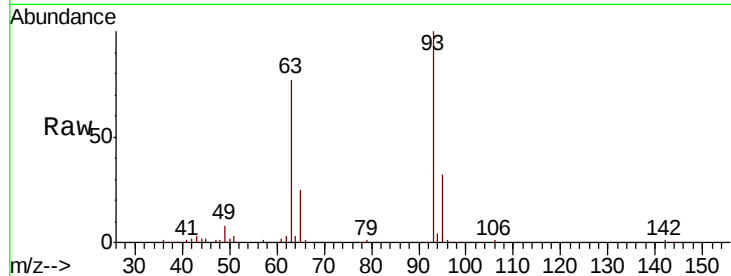
#11
bis(2-Chloroethyl)ether
Concen: 40.094 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	380939
Ion Ratio	Lower	Upper	
93	100		
63	76.9	54.4	94.4
95	32.3	12.9	52.9

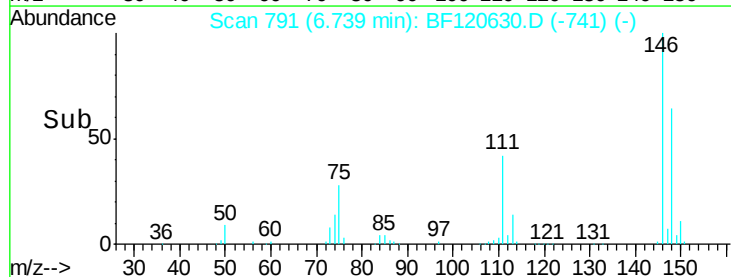
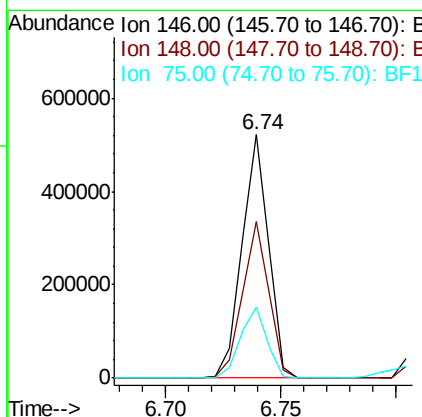
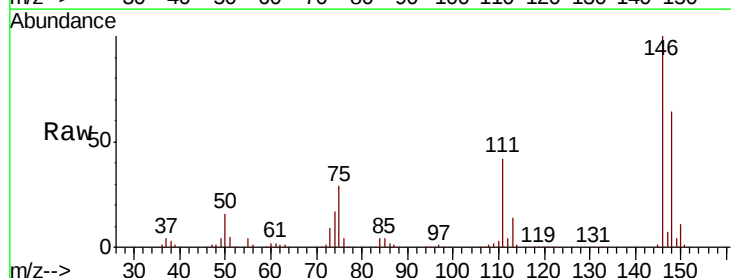
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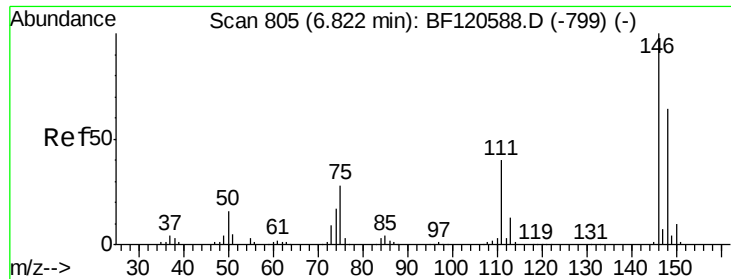
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.507 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion:	146	Resp:	417714
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.6
75	29.2	22.2	33.4





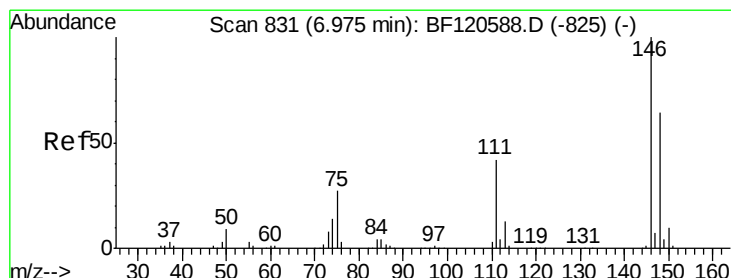
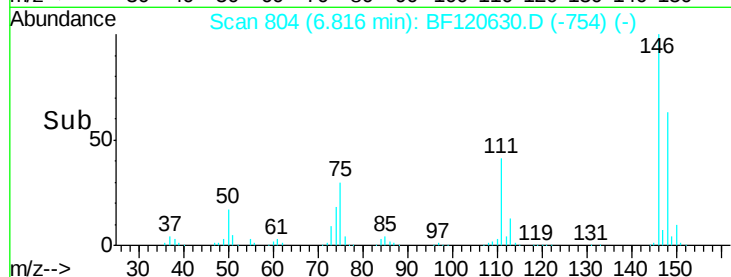
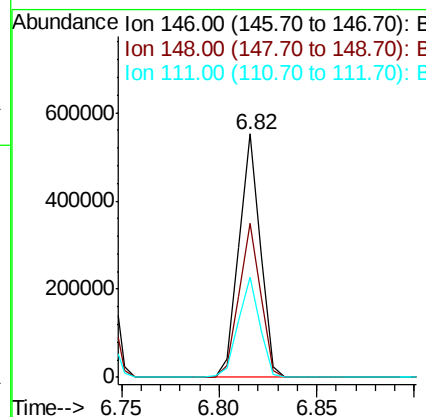
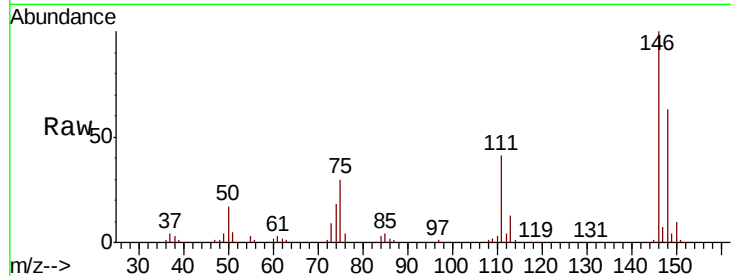
#13
 1,4-Dichlorobenzene
 Concen: 41.219 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
111	41.0	32.2	48.4

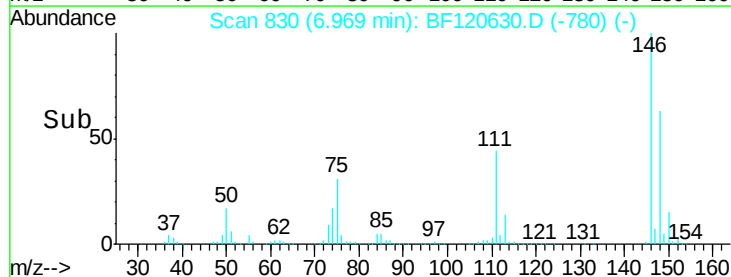
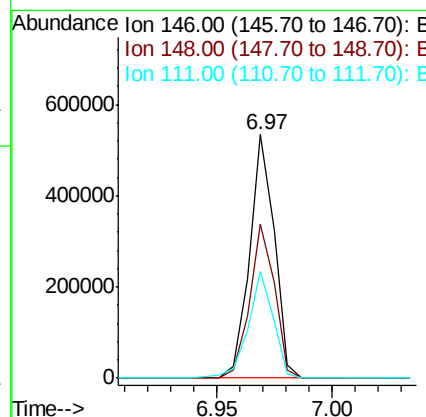
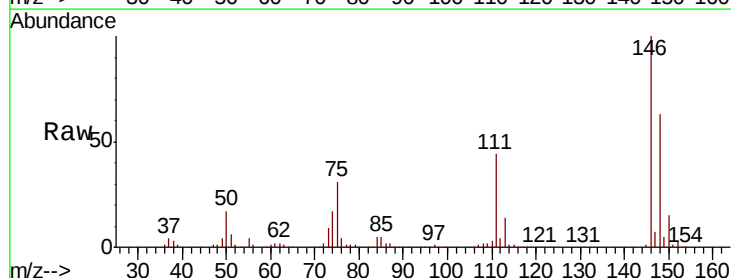
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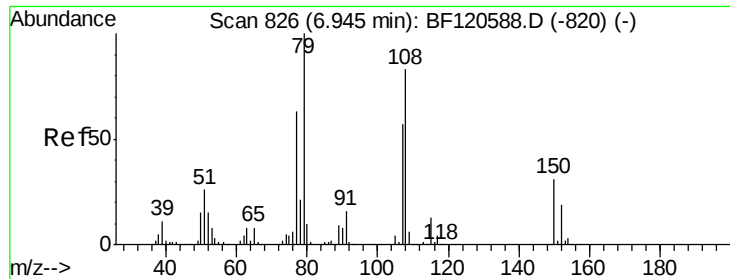
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#14
 1,2-Dichlorobenzene
 Concen: 40.385 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	43.8	33.6	50.4





#15

Benzyl Alcohol

Concen: 44.936 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

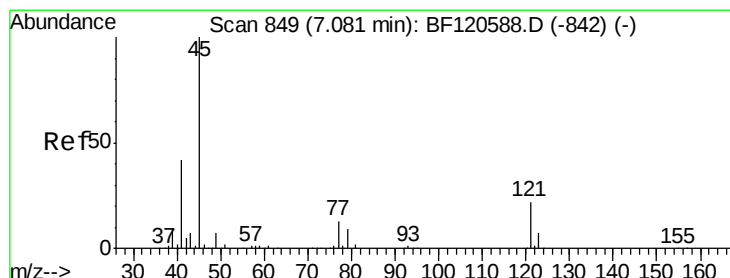
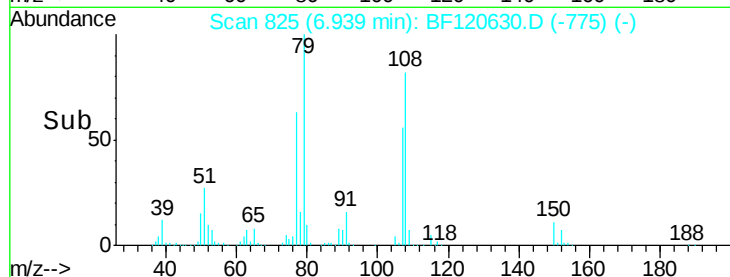
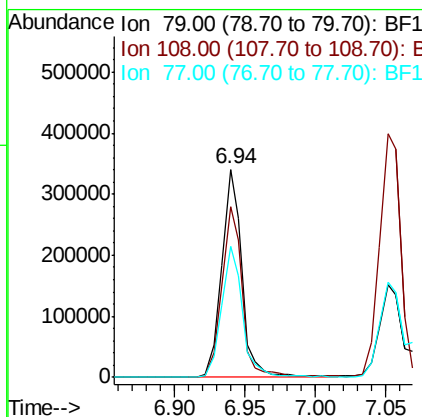
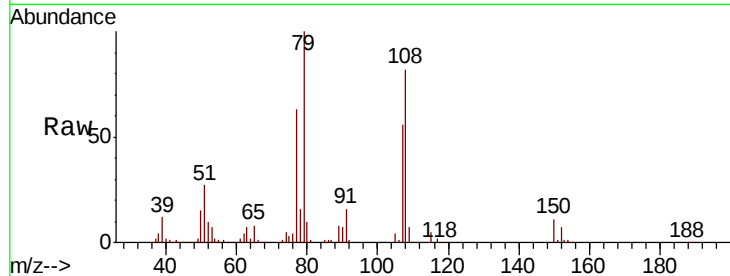
ClientSampleID :

SSTDCCC040EC

Tot Ion:	79	Resp:	340691
Ion Ratio	Lower	Upper	
79	100		
108	82.0	66.8	100.2
77	62.6	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.613 ng

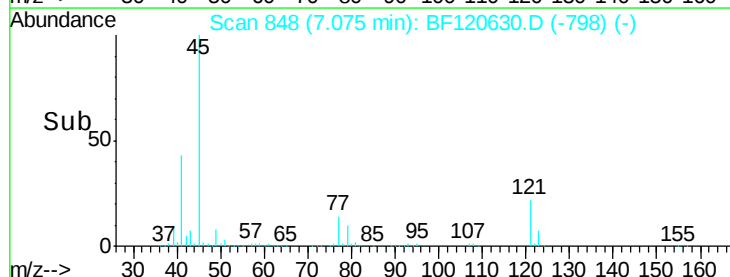
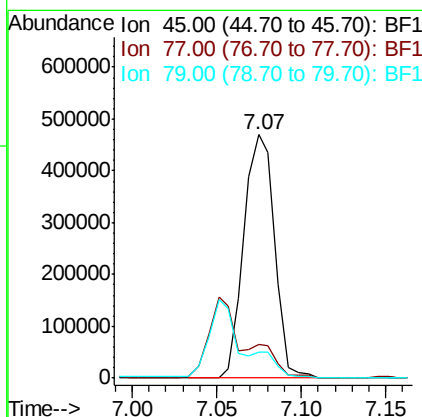
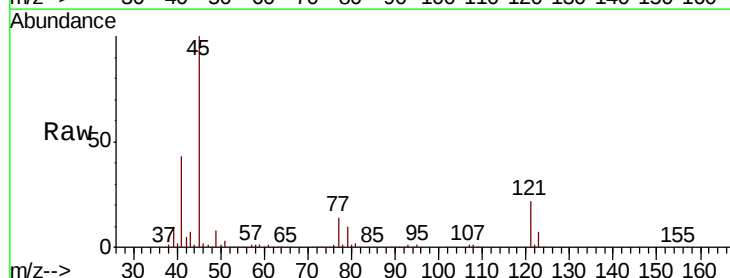
RT: 7.07 min Scan# 848

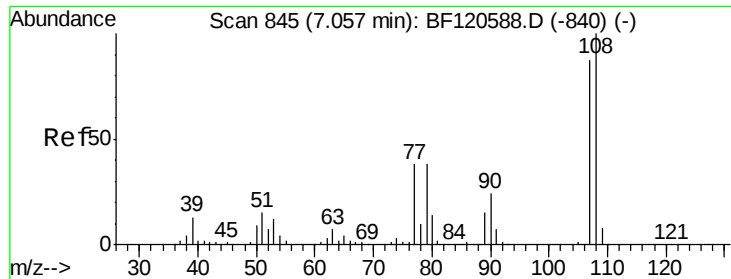
Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Tgt Ion:	45	Resp:	596650
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	34.2
79	10.5	0.0	30.9





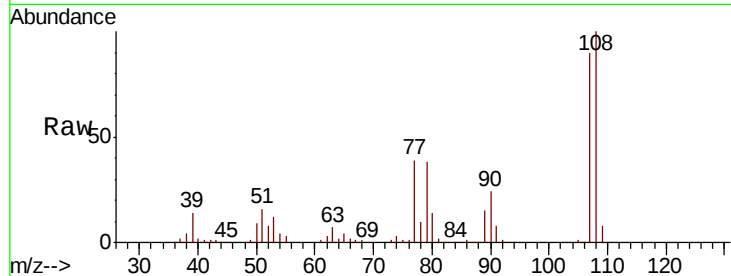
#17
2-Methylphenol
Concen: 44.002 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.9	137.9
77	43.5	35.4	53.2
79	42.3	34.8	52.2

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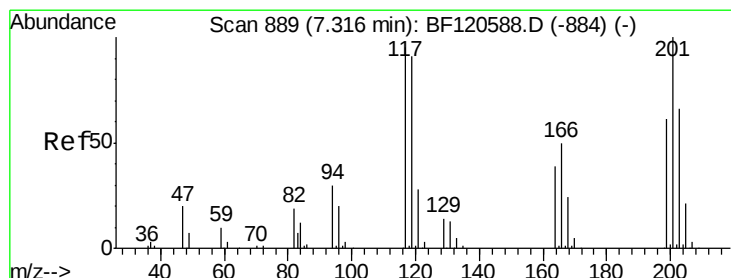
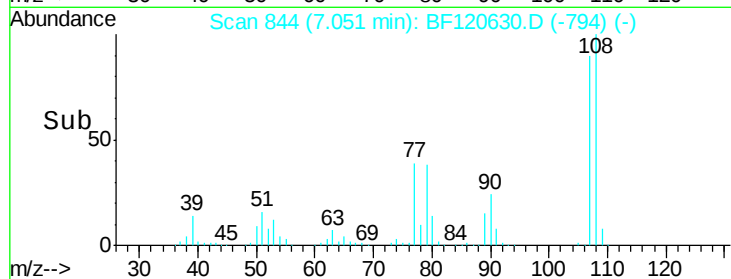
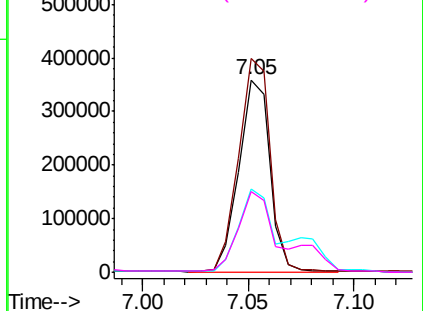
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

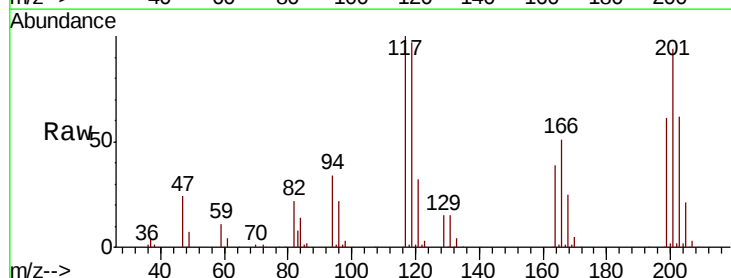
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.182 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.9	115.3
201	94.3	84.6	127.0

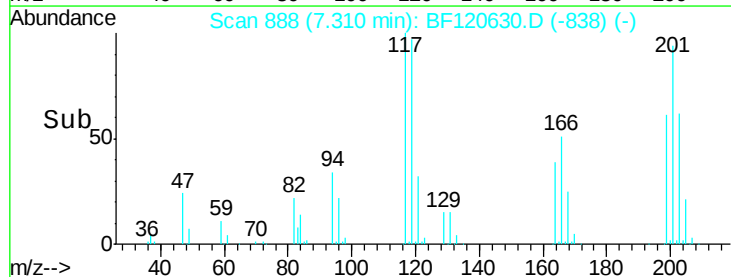
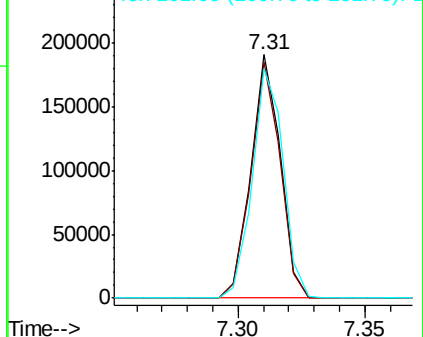


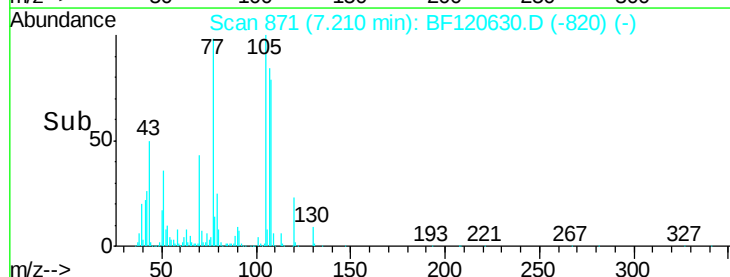
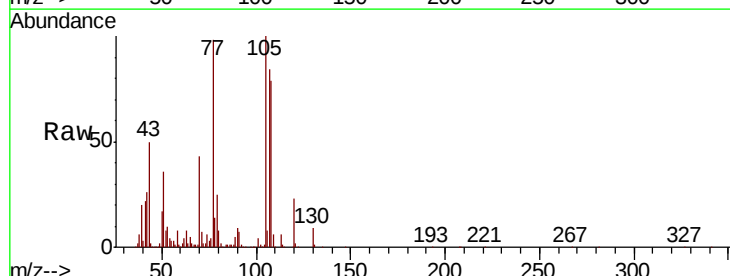
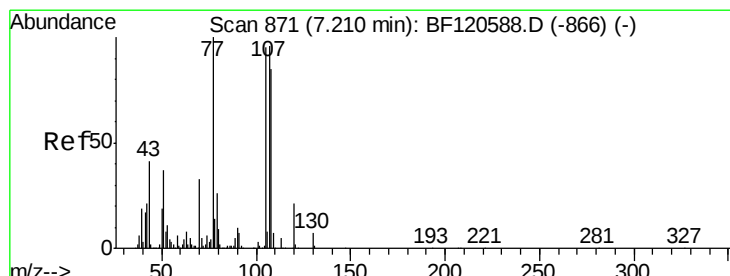
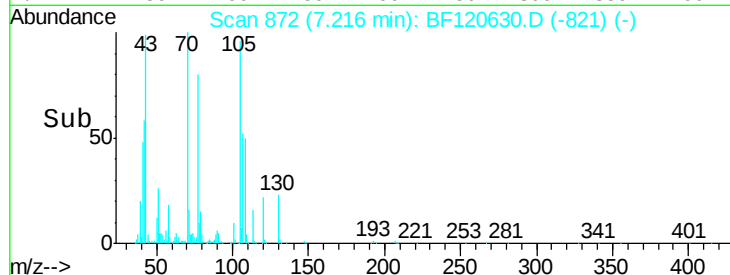
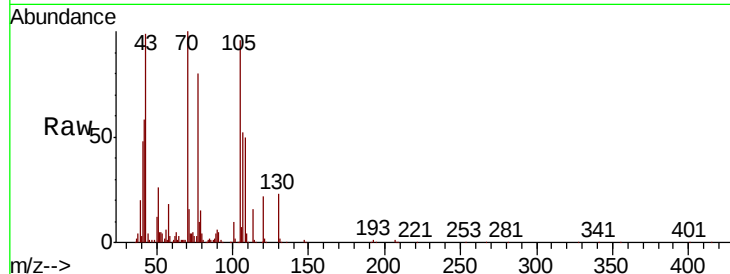
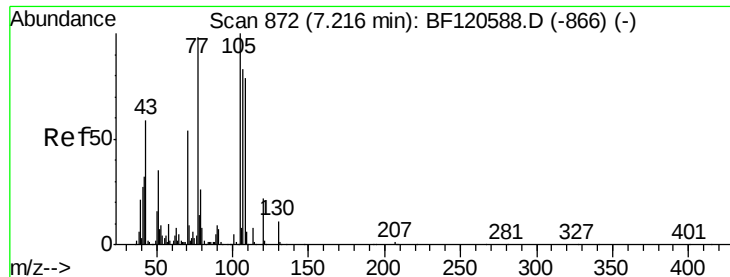
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





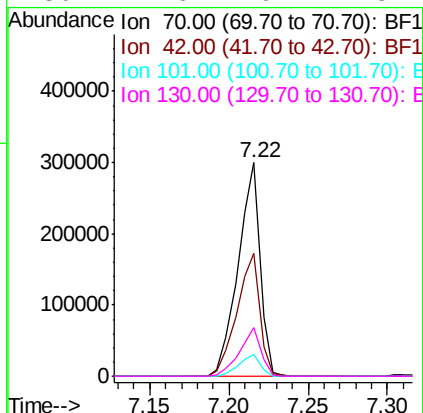
#19
n-Nitroso-di-n-propylamine
Concen: 46.319 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.7	71.5
101	10.0	7.6	11.4
130	22.6	16.7	25.1

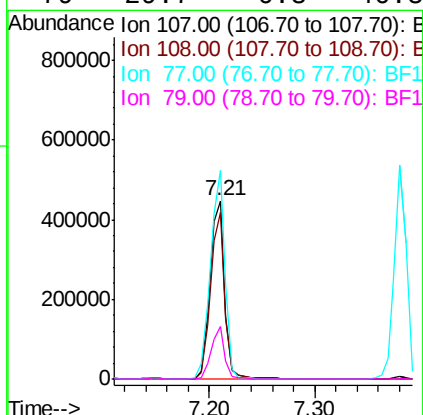
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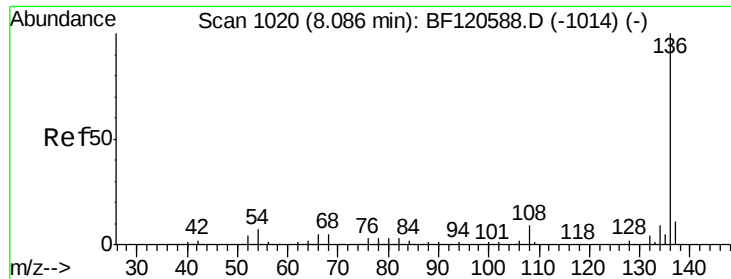
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#20
3+4-Methylphenols
Concen: 41.960 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	68.7	108.7
77	117.2	84.2	124.2
79	29.7	6.8	46.8





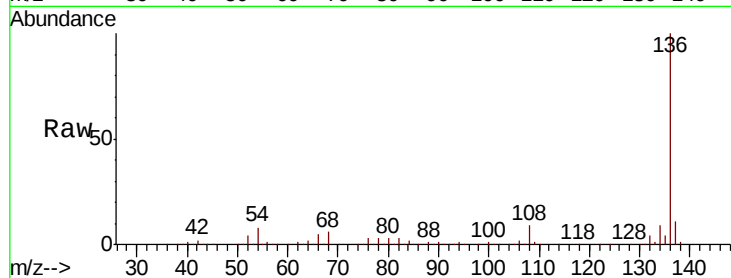
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

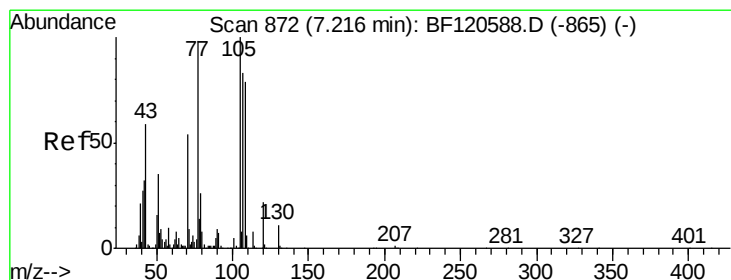
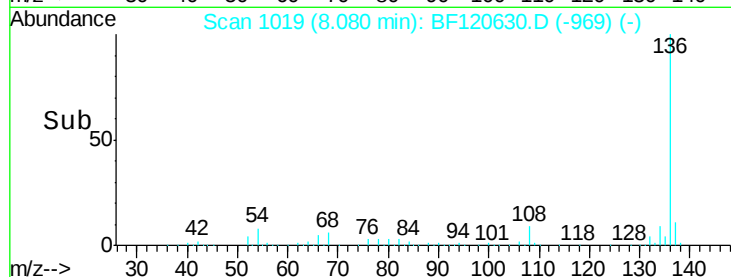
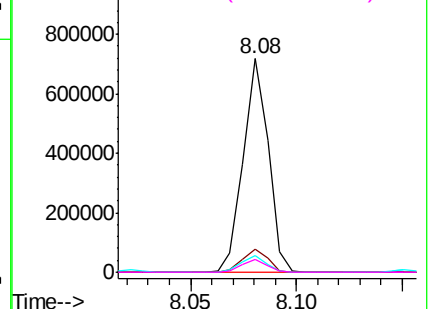
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		588710		
137	11.0	8.6	13.0		
54	7.6	5.8	8.6		
68	5.9	4.4	6.6		

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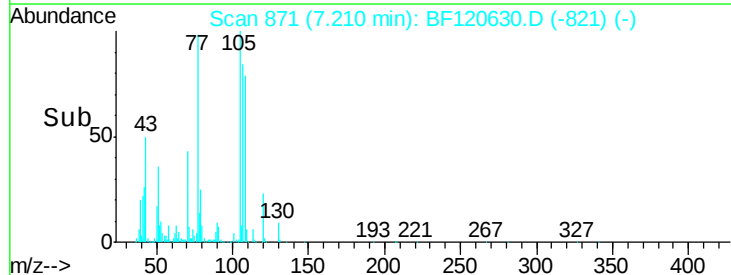
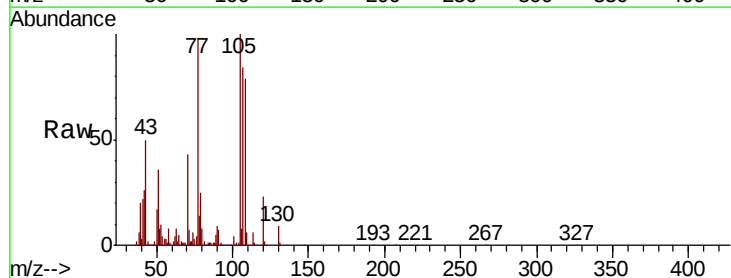
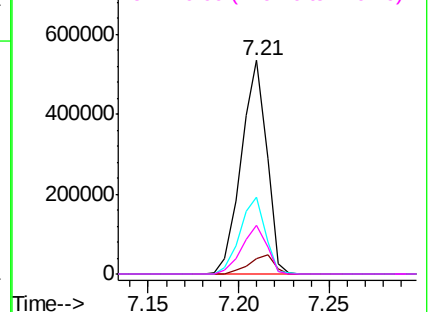
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

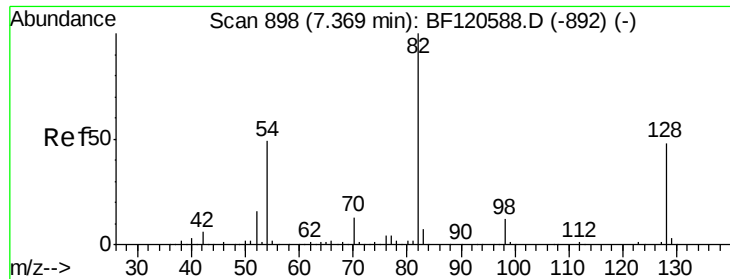


#22
Acetophenone
Concen: 39.538 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		520385		
71	7.1	7.2	10.8#		
51	35.9	27.8	41.8		
120	22.7	18.0	27.0		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





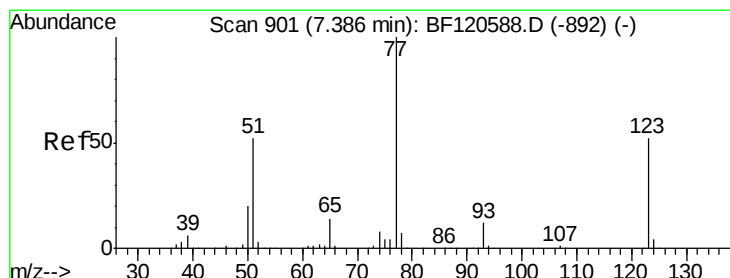
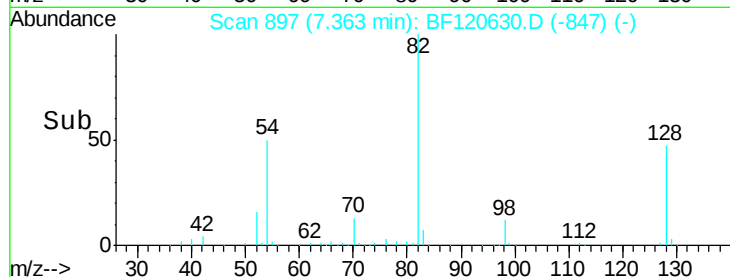
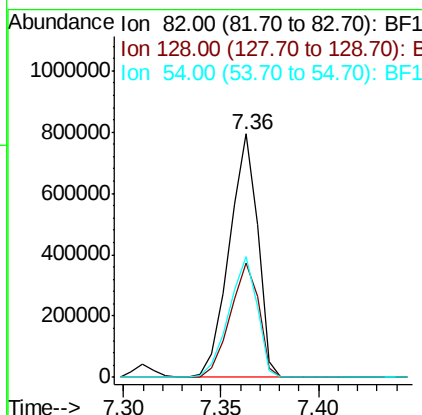
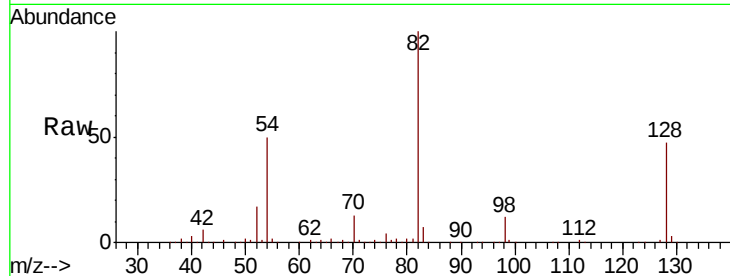
#23
 Nitrobenzene-d5
 Concen: 75.959 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.0	57.0
54	49.8	38.8	58.2

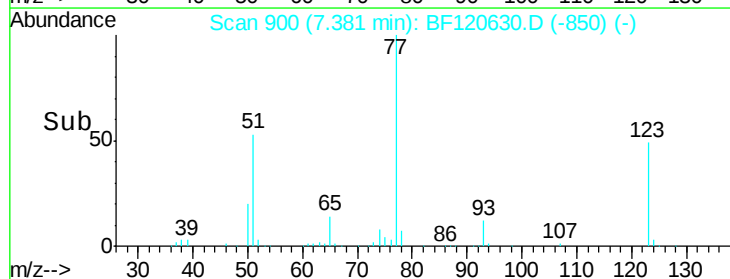
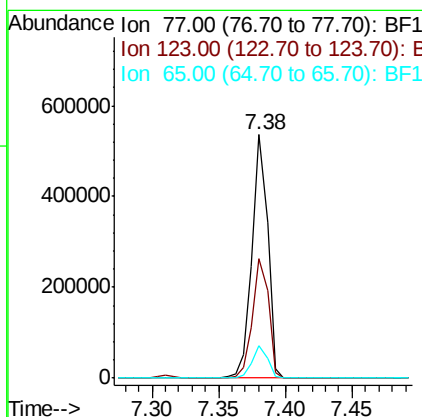
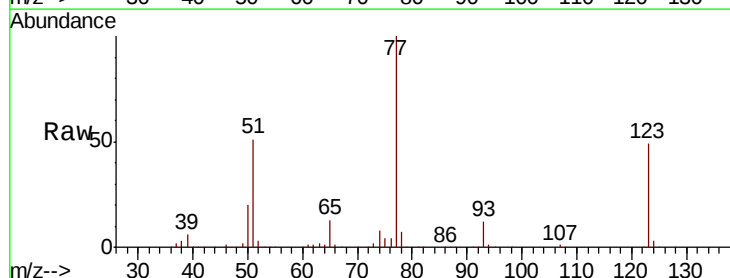
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#24
 Nitrobenzene
 Concen: 38.803 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	41.4	62.0
65	13.4	11.0	16.4





#25

Isophorone

Concen: 40.883 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

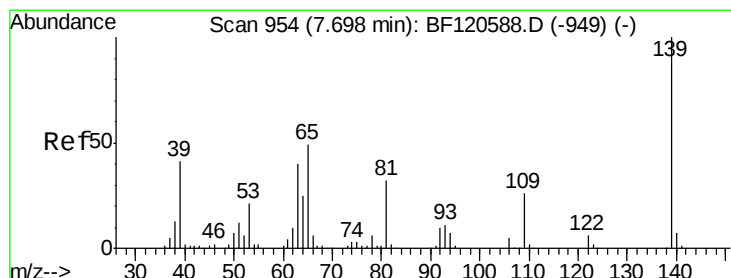
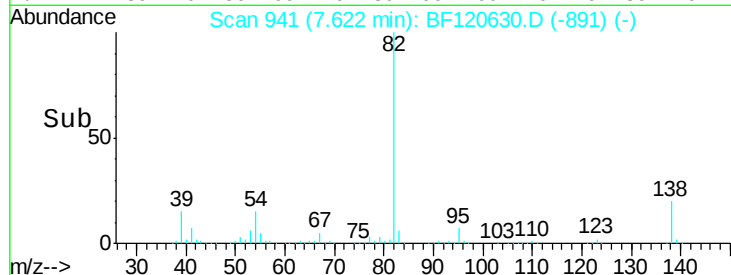
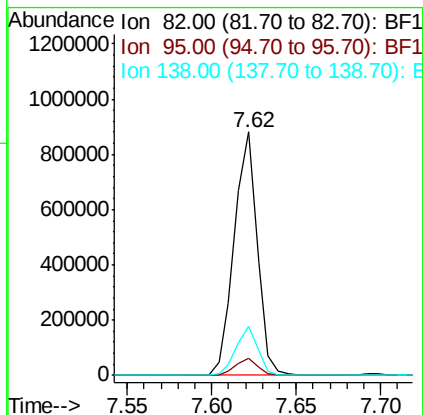
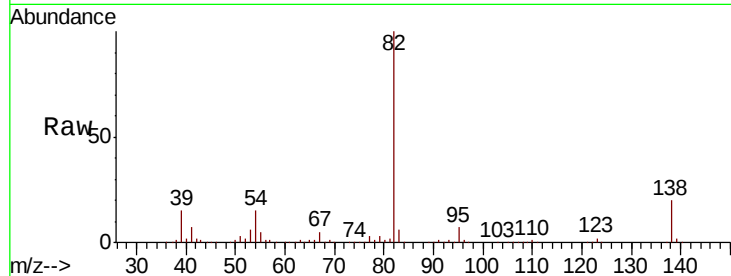
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	838765
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.7	8.5
138	19.9	16.2	24.4

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#26

2-Nitrophenol

Concen: 38.206 ng

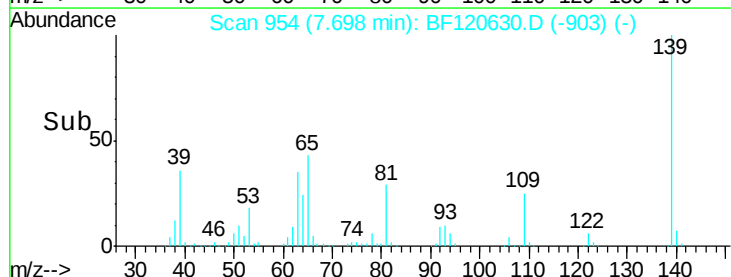
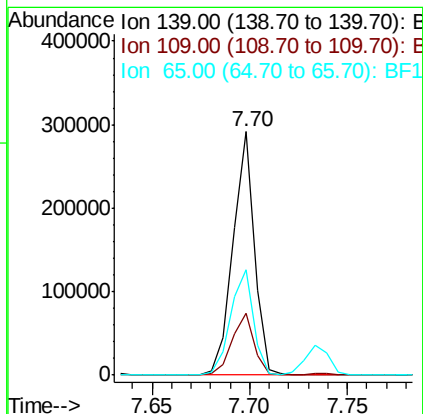
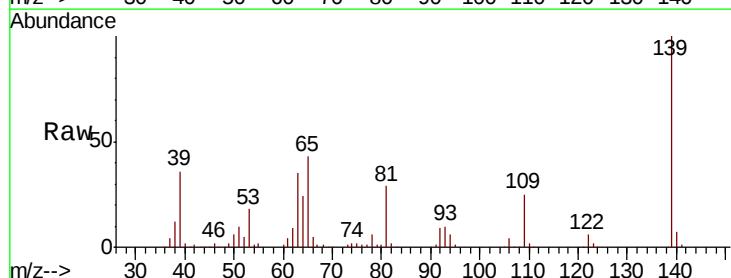
RT: 7.70 min Scan# 954

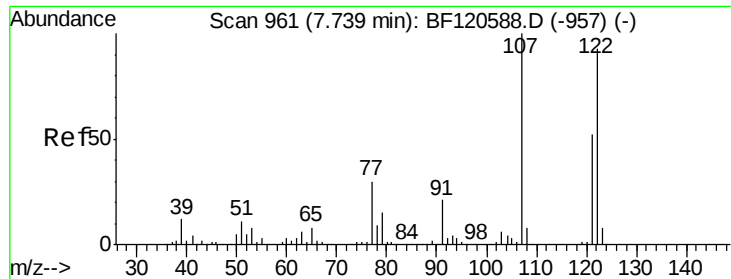
Delta R.T. 0.00 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Tgt Ion:	139	Resp:	222771
Ion Ratio		Lower	Upper
139	100		
109	25.5	21.1	31.7
65	43.4	39.4	59.0





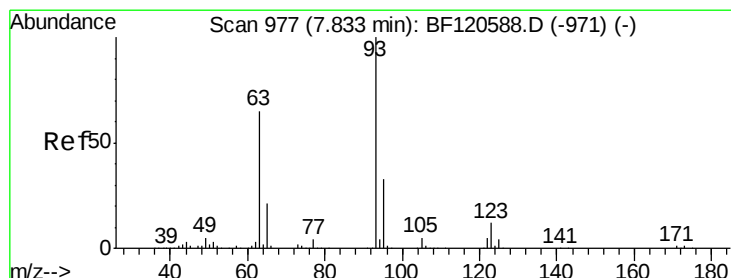
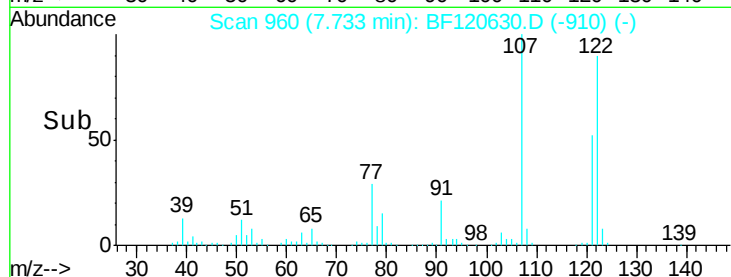
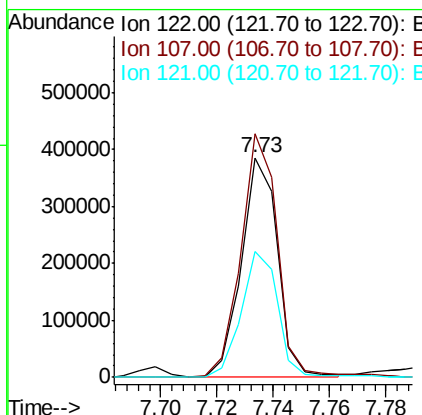
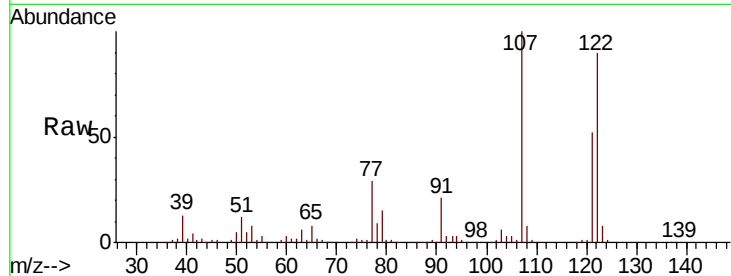
#27
2,4-Dimethylphenol
Concen: 40.057 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	110.7	86.4		129.6	
121	57.3	45.2		67.8	

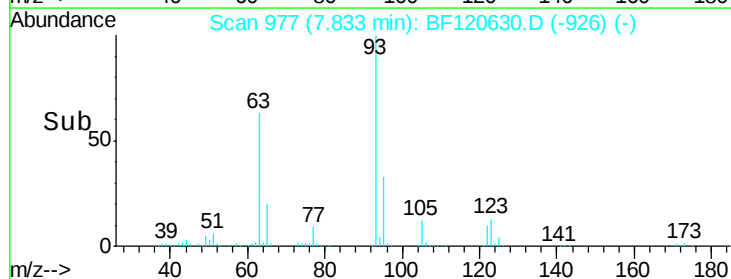
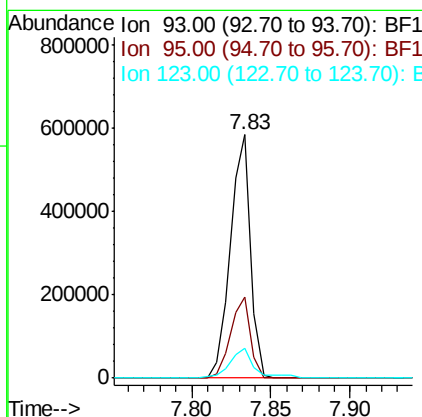
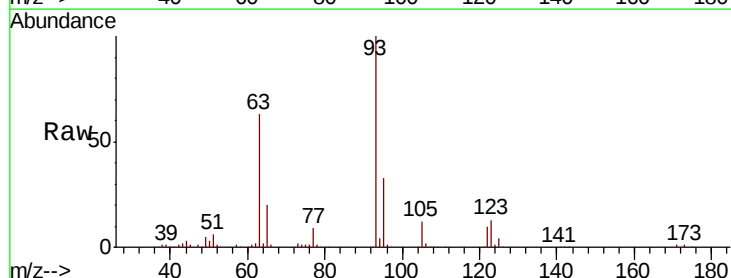
Manual Integrations
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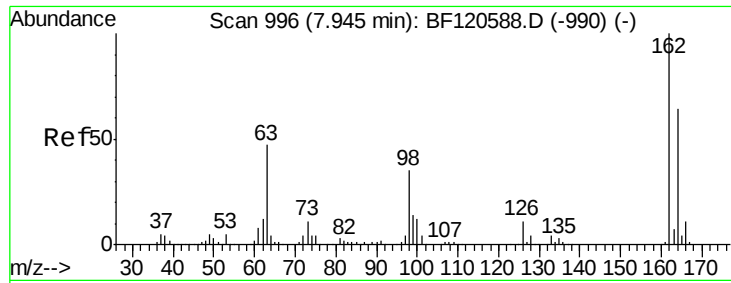
mohammad
6/18/2020 11:51:57 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.006 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	26.2		39.4	
123	12.5	9.5		14.3	





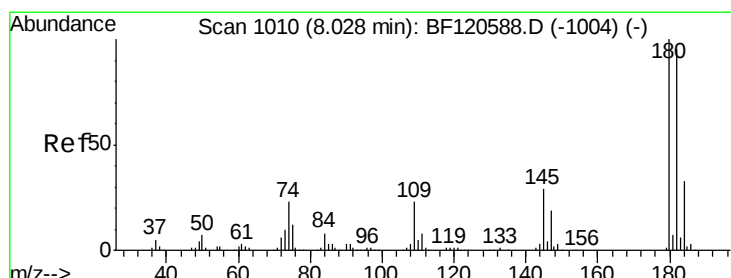
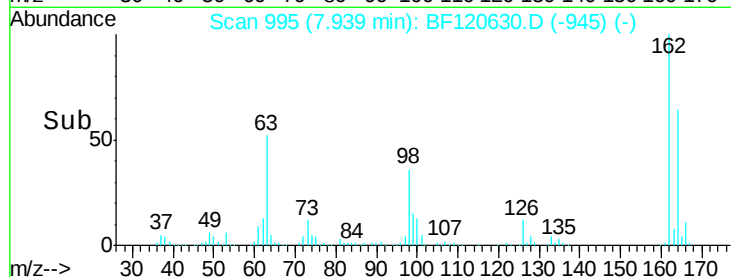
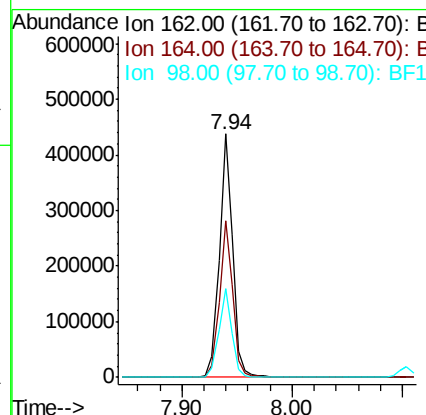
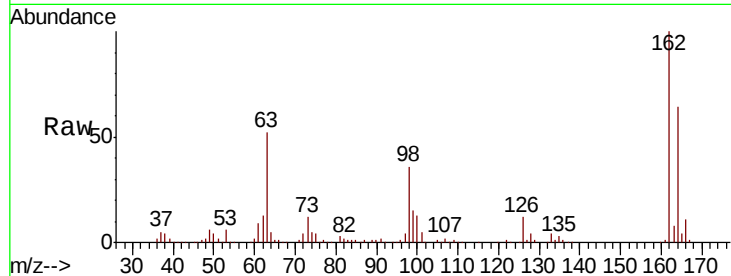
#29
 2,4-Dichlorophenol
 Concen: 41.272 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	360175		
164	64.3	44.1	84.1	
98	36.3	14.7	54.7	

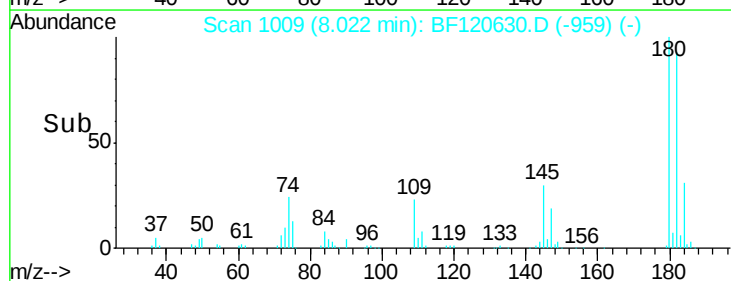
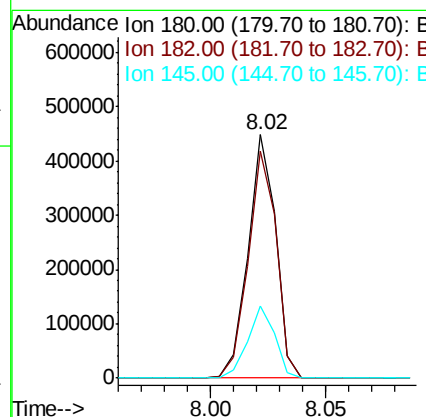
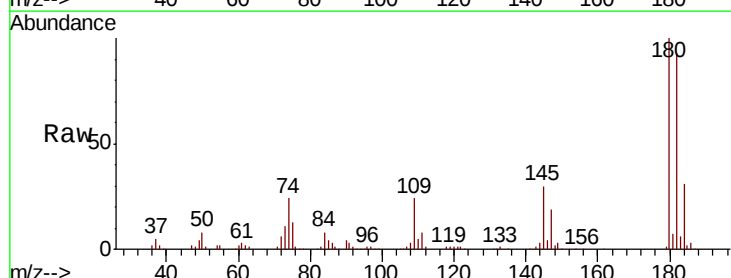
Manual Integrations
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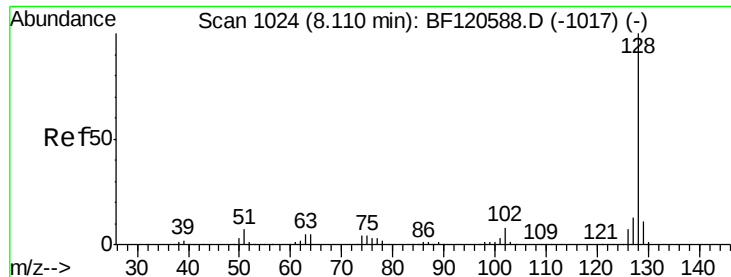
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.831 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	375537		
182	93.2	75.8	113.6	
145	29.7	23.0	34.6	





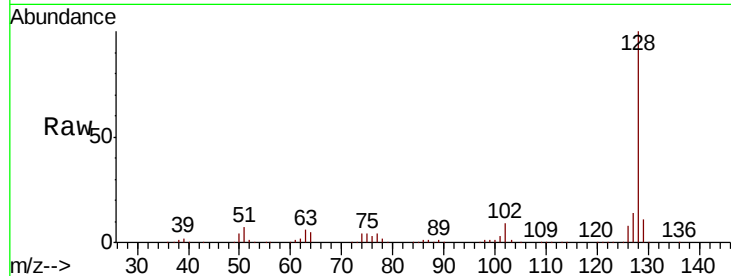
#31
Naphthalene
Concen: 39.884 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	10.6	15.8

Manual Integrations
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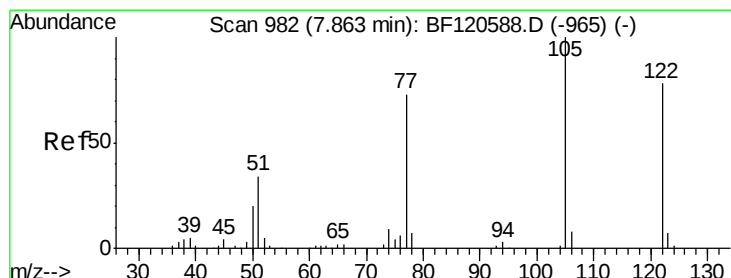
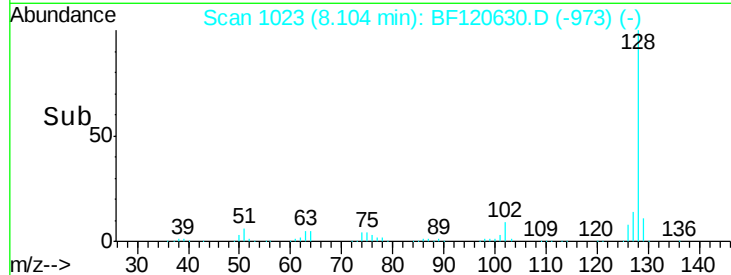
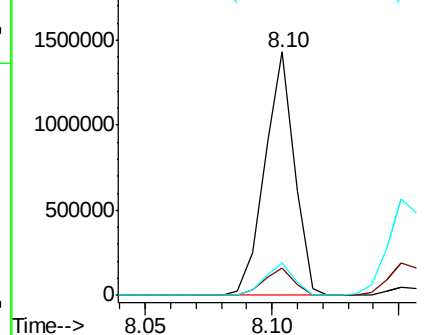


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.345 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

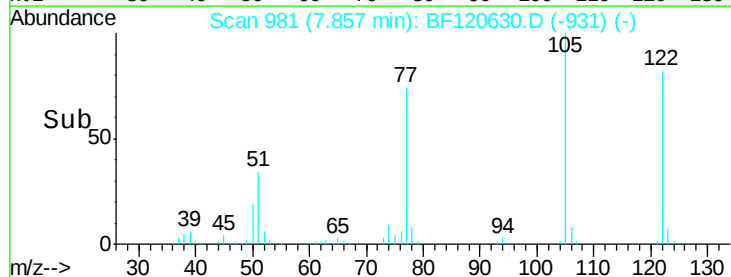
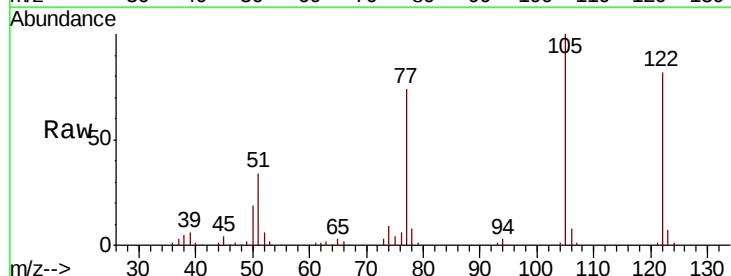
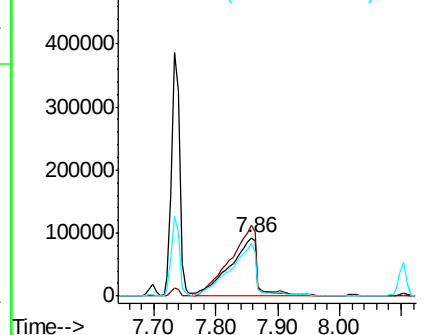
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	101.0	141.0
77	90.1	69.8	109.8

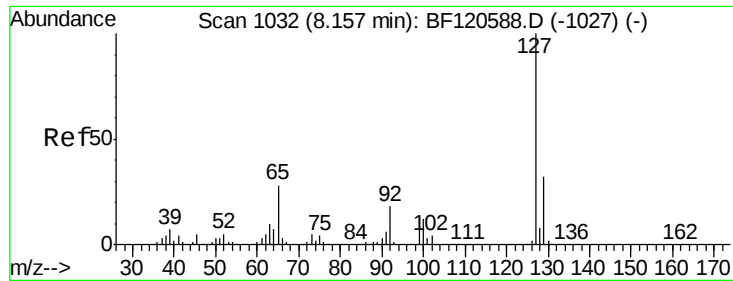
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





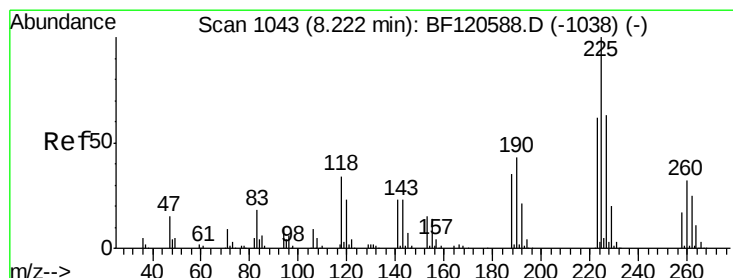
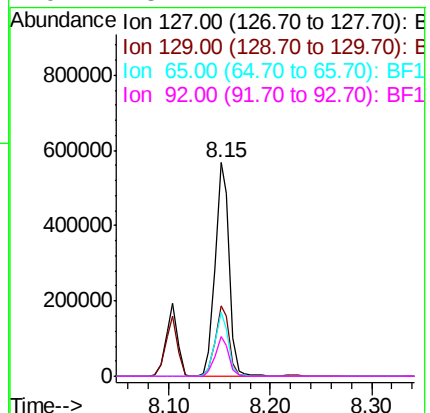
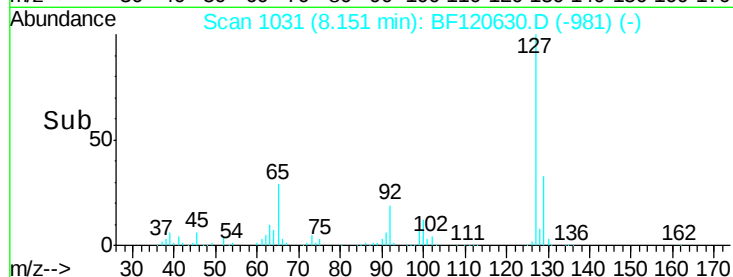
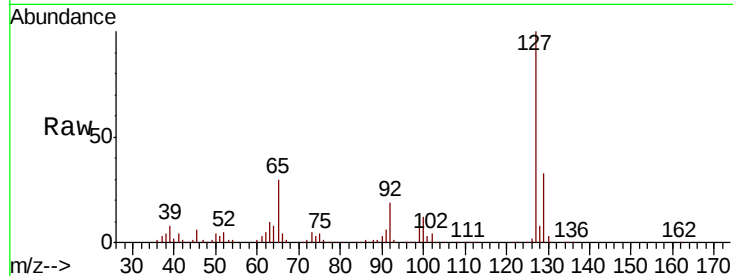
#33
4-Chloroaniline
Concen: 41.218 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.9	38.9		
65	29.7	22.2	33.4		
92	18.7	14.2	21.2		

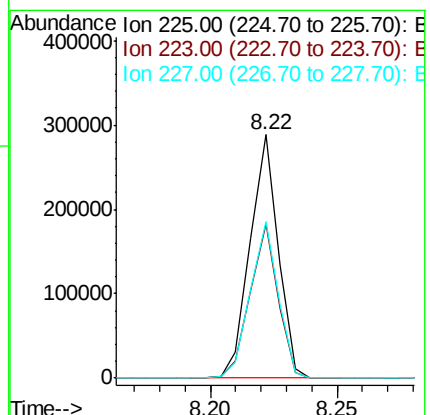
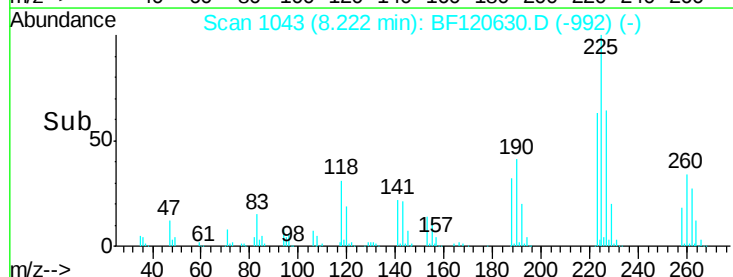
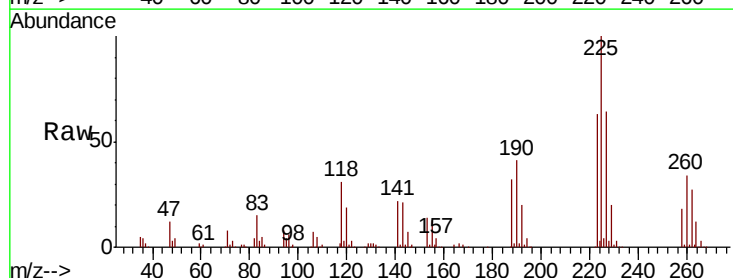
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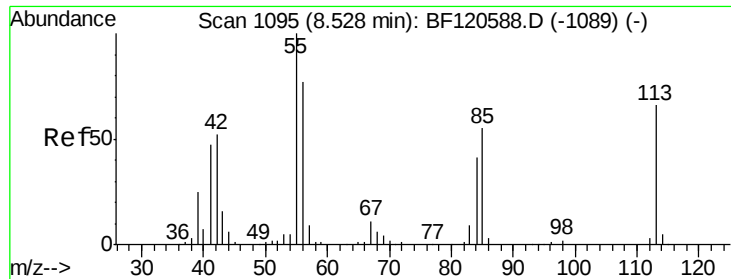
mohammad
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#34
Hexachlorobutadiene
Concen: 39.716 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.9	74.9		
227	64.4	50.5	75.7		





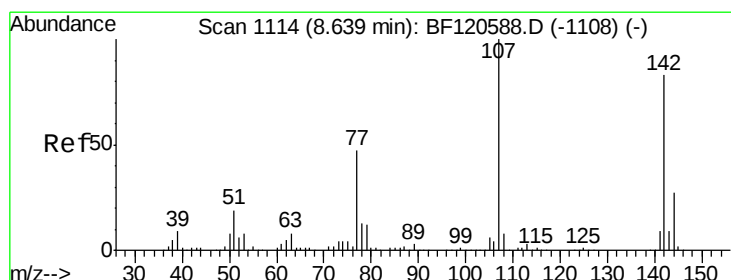
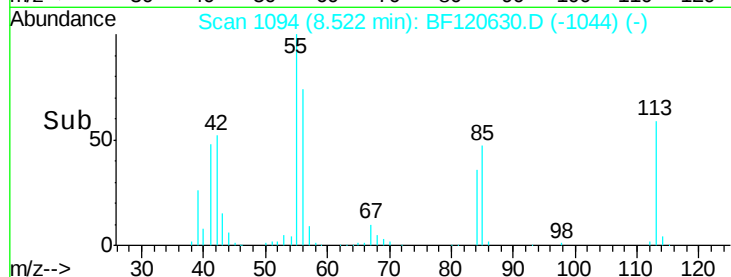
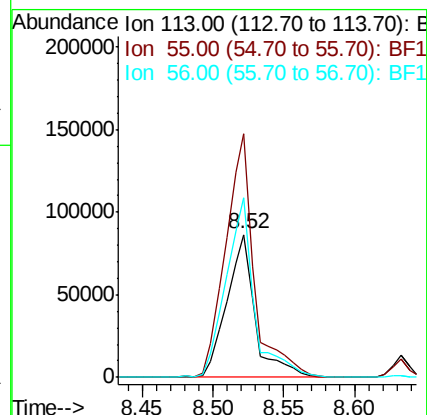
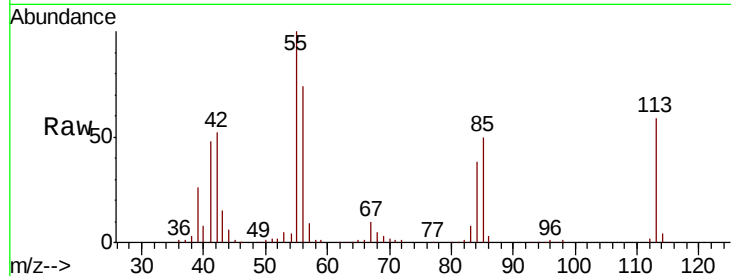
#35
Caprolactam
Concen: 43.090 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.1	133.1	173.1
56	125.9	98.4	138.4

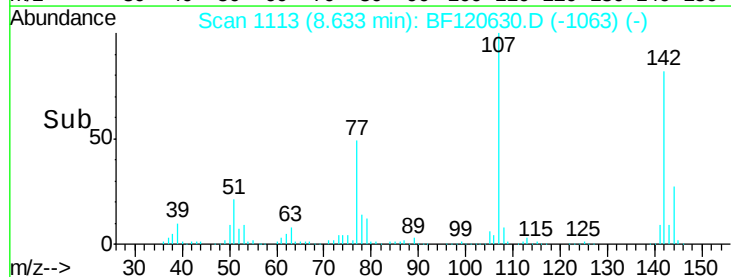
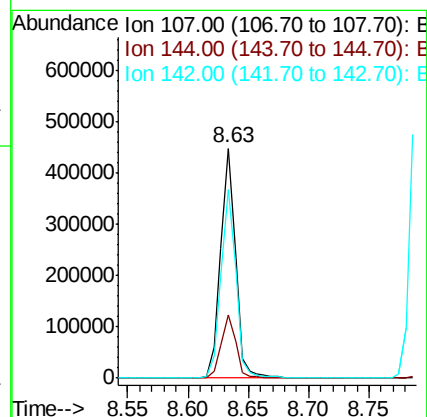
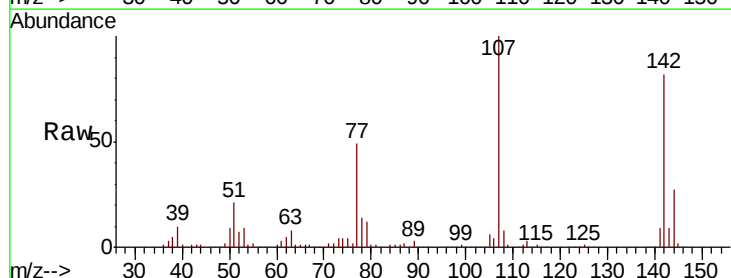
Manual Integrations
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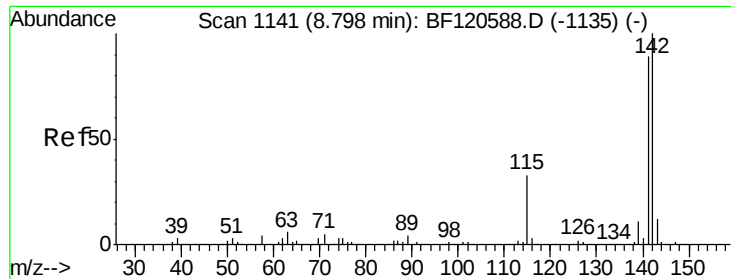
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.668 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.4	32.2
142	82.3	66.3	99.5





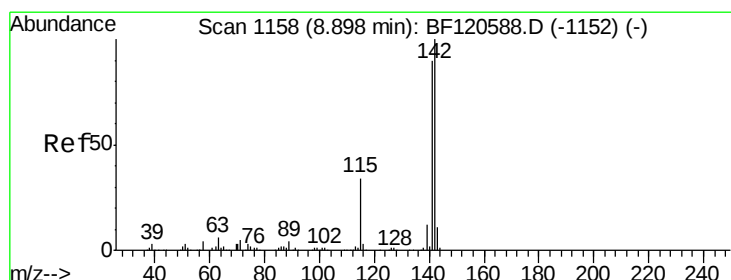
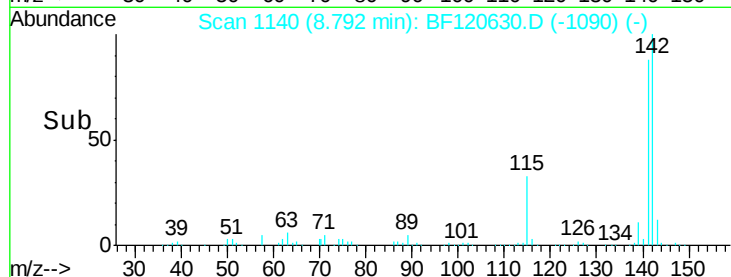
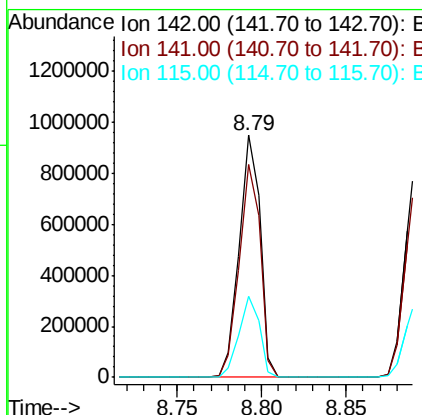
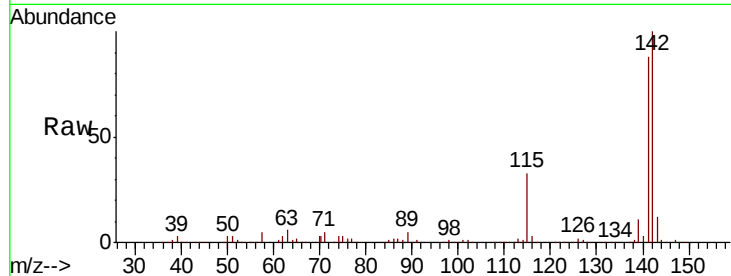
#37
2-Methylnaphthalene
Concen: 43.556 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.0
115	33.5	26.1	39.1

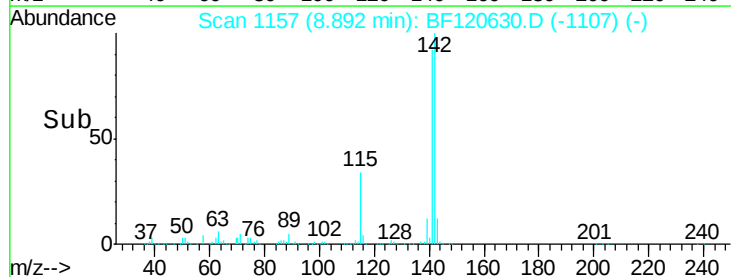
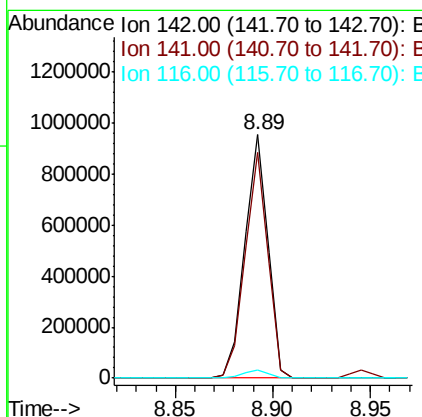
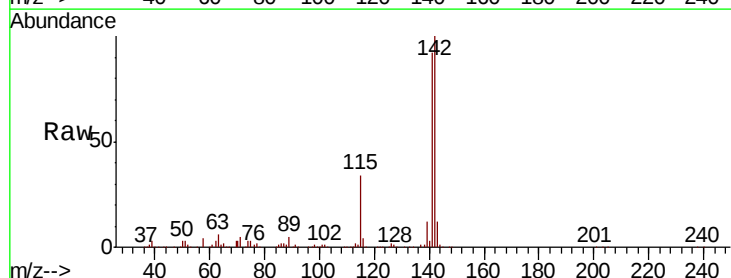
Manual Integrations
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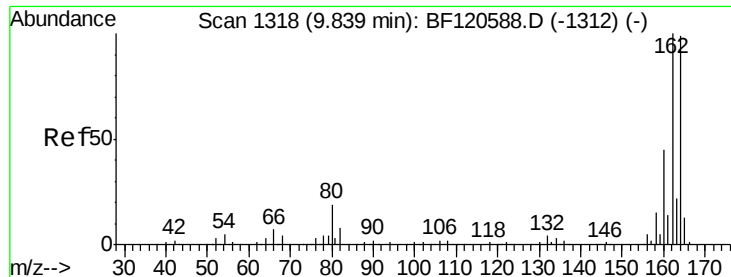
mohammad
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#38
1-Methylnaphthalene
Concen: 43.999 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.1	108.1
116	3.6	2.7	4.1





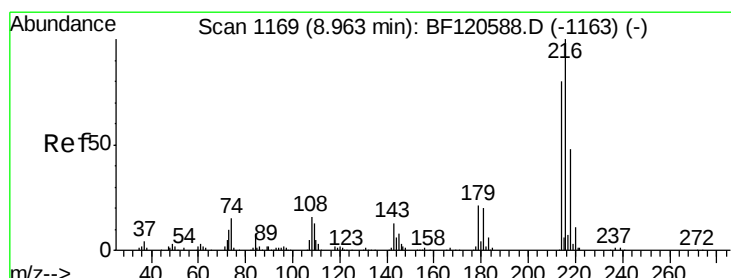
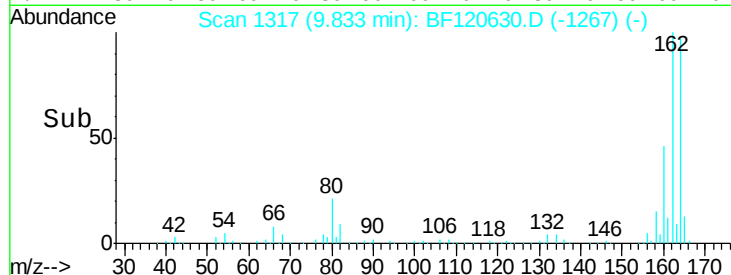
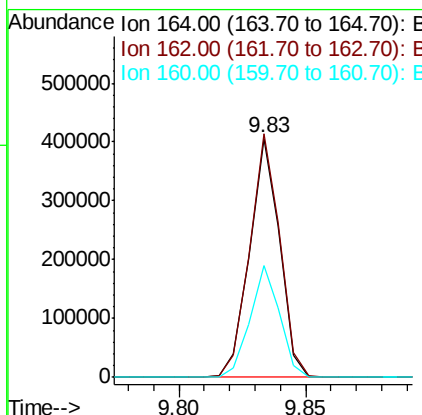
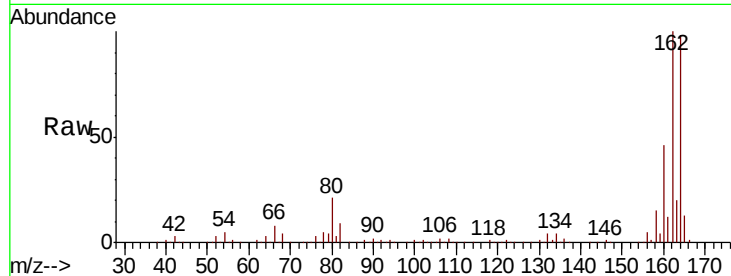
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	46.5	36.2	54.2

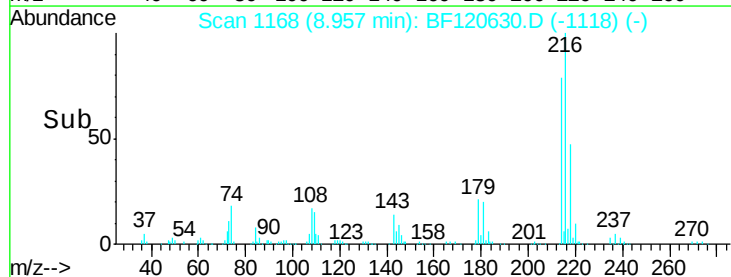
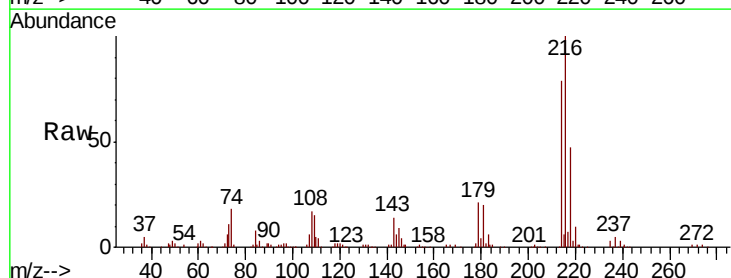
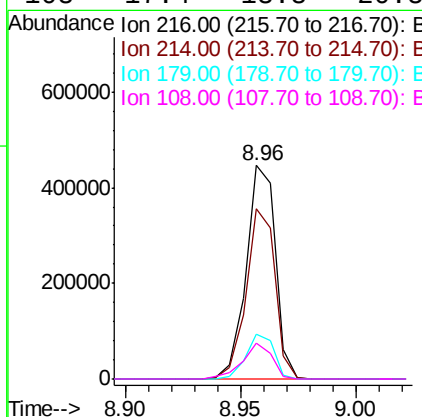
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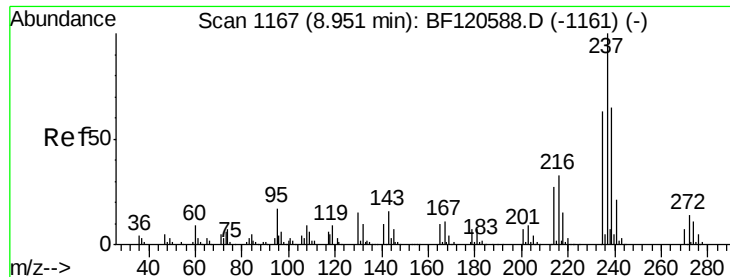
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.688 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	20.3	16.4	24.6
108	17.4	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 36.456 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

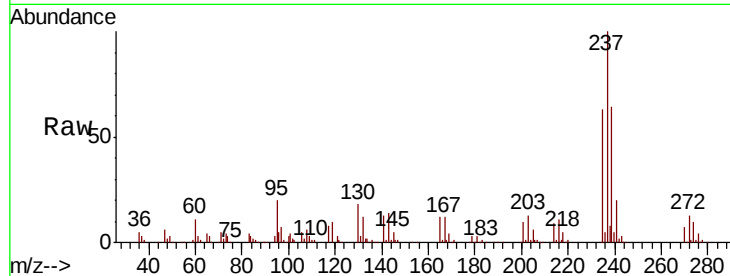
ClientSampleId :

SSTDCCC040EC

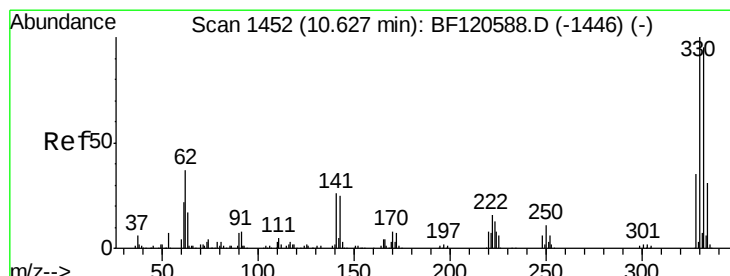
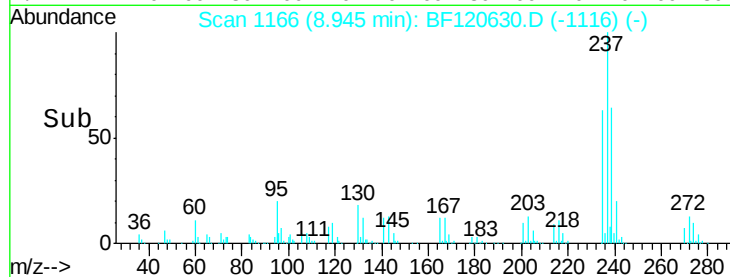
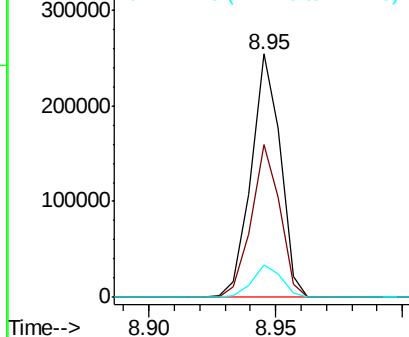
Tot Ion:	237	Resp:	203787
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.2	83.2
272	13.4	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 79.960 ng

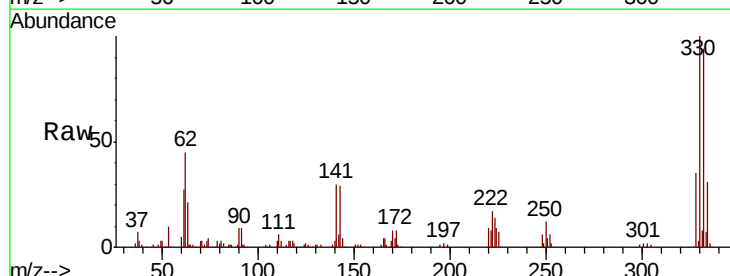
RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

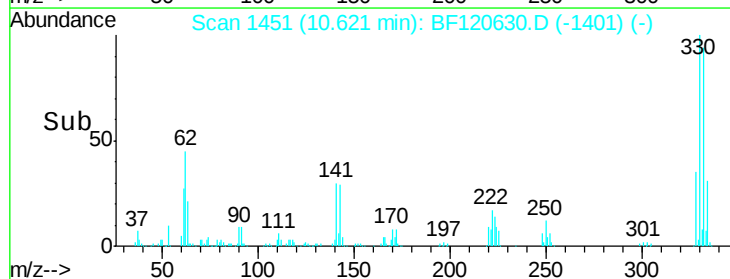
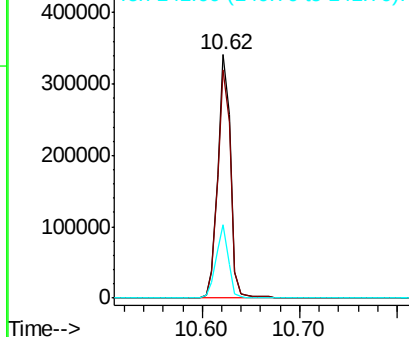
Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Tgt Ion:	330	Resp:	310578
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.8	115.2
141	29.3	23.2	34.8



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





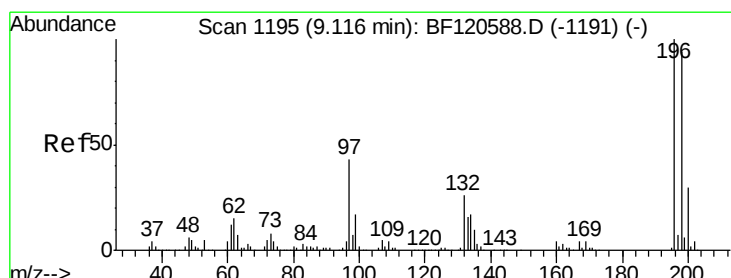
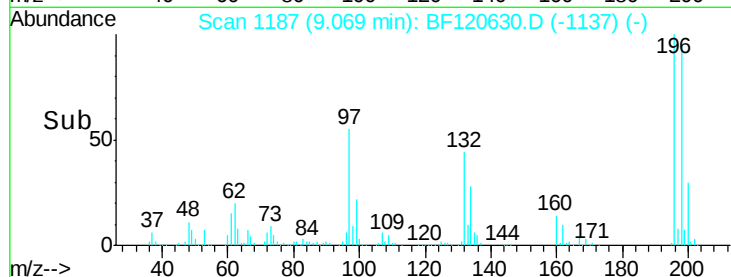
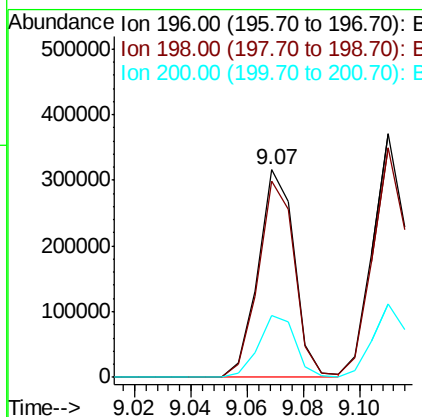
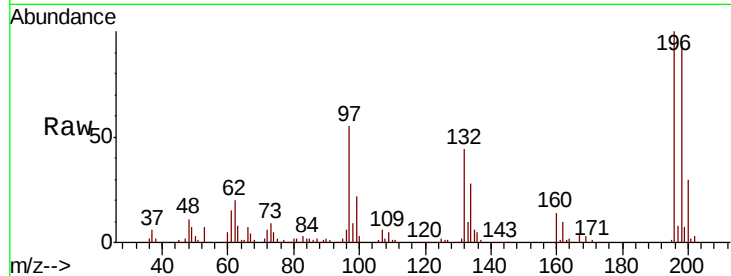
#43
 2,4,6-Trichlorophenol
 Concen: 39.701 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280933		
198	94.7	76.2	114.2	
200	30.1	24.6	37.0	

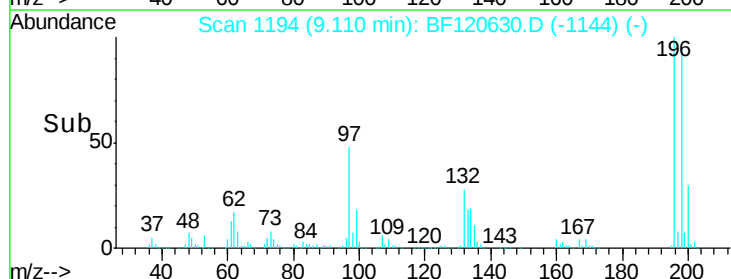
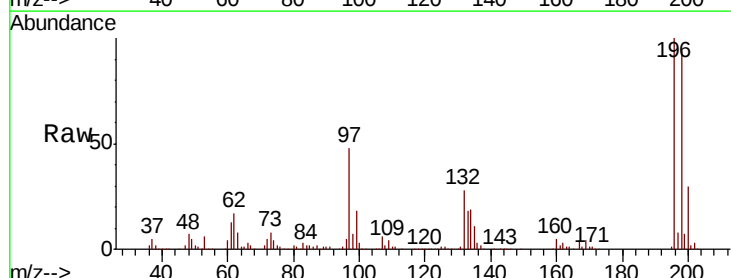
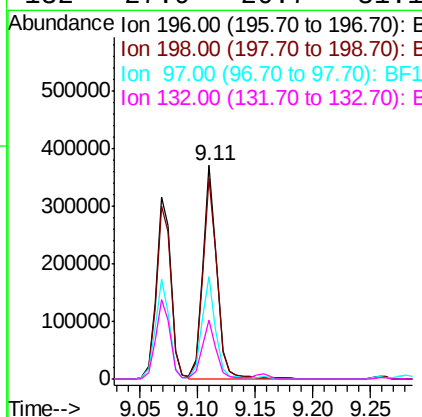
Manual Integrations
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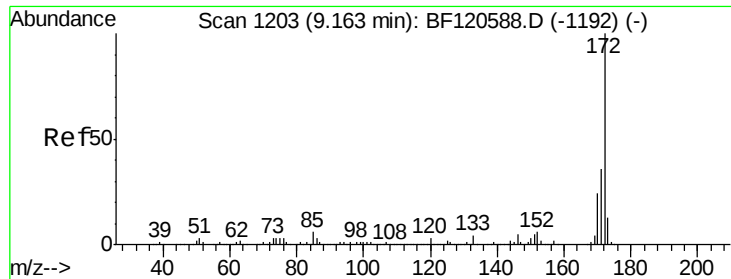
mohammad
 6/18/2020 11:51:57 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.932 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320579		
198	94.3	75.5	113.3	
97	47.7	34.4	51.6	
132	27.9	20.7	31.1	





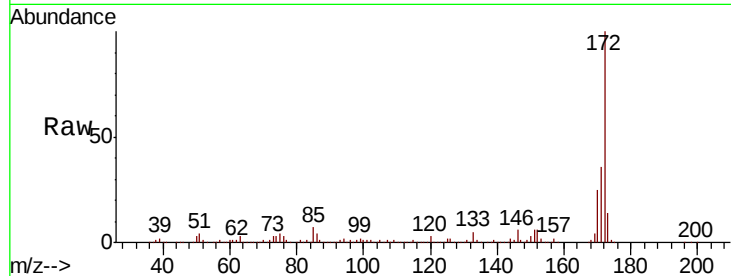
#45
2-Fluorobiphenyl
Concen: 74.484 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

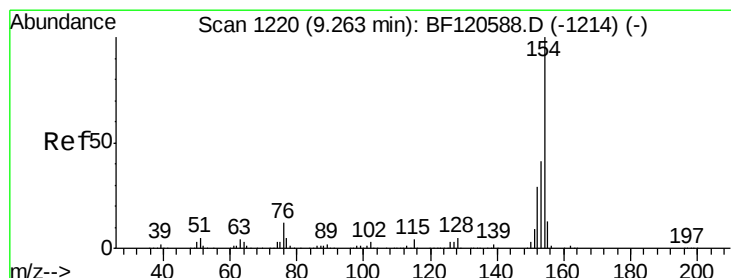
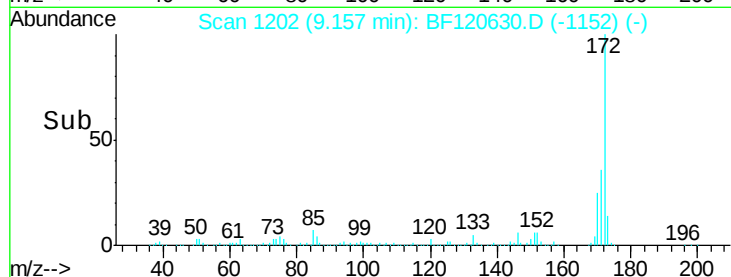
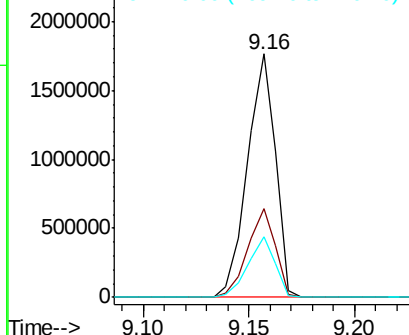
Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	29.0	43.4	
170	24.8	19.4	29.2	

Manual Integrations
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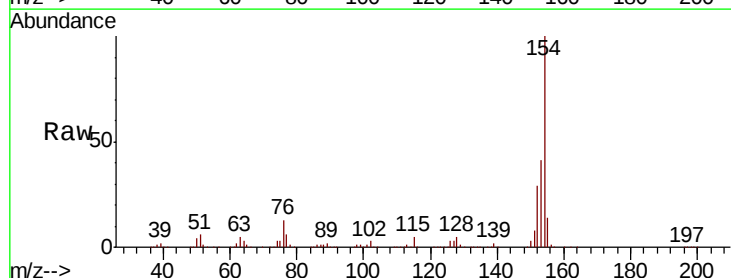


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

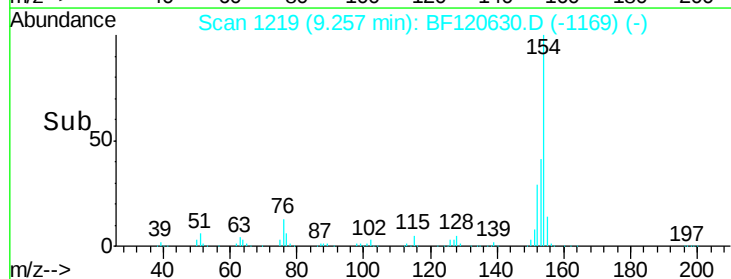
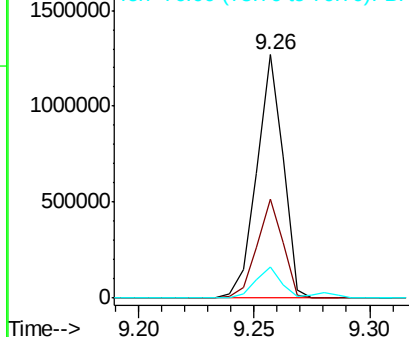


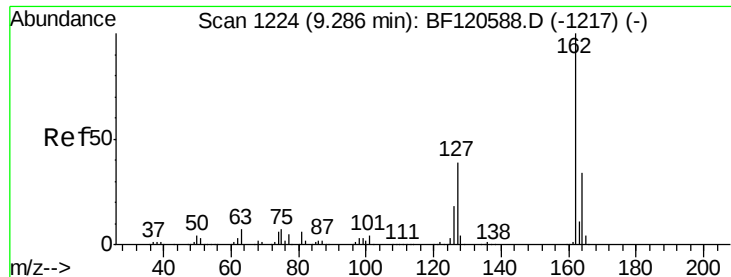
#46
1,1'-Biphenyl
Concen: 40.548 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.6	21.4	61.4	
76	12.7	0.0	31.6	



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





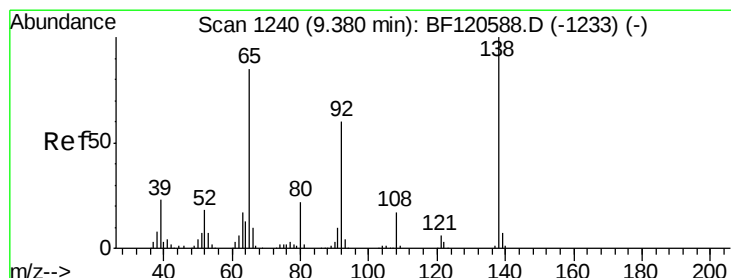
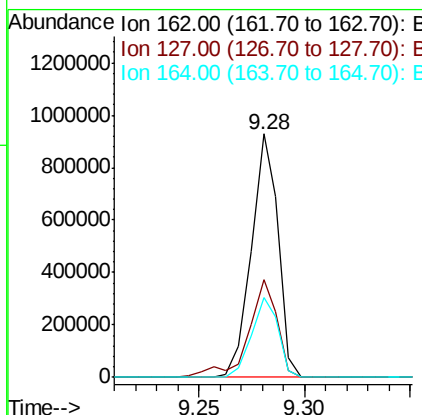
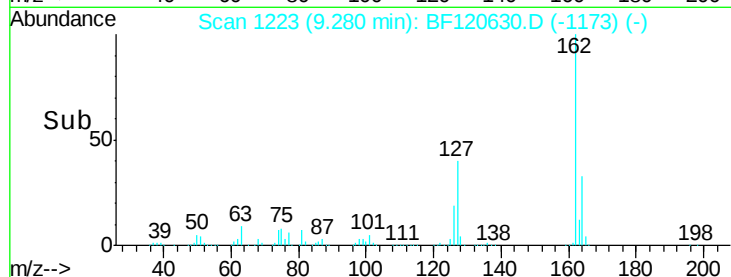
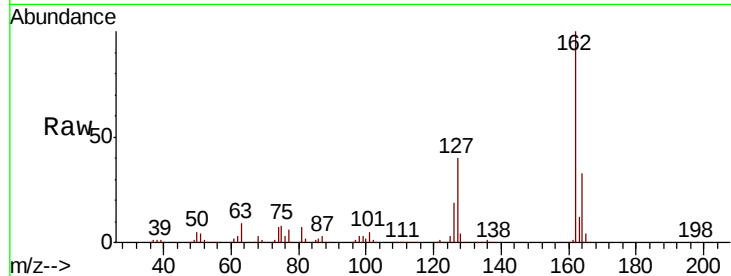
#47
 2-Chloronaphthalene
 Concen: 39.964 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.0	31.3	46.9		
164	33.0	26.9	40.3		

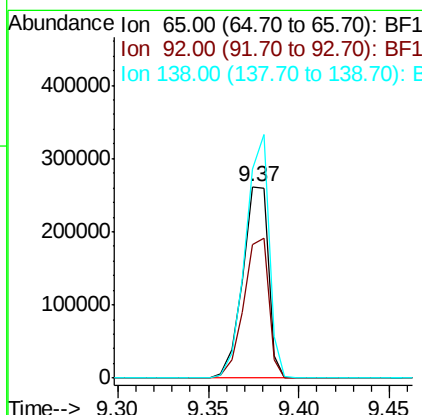
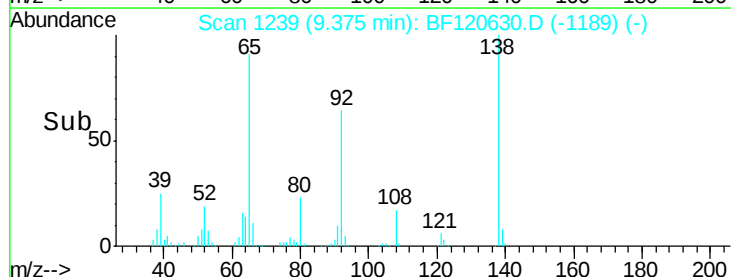
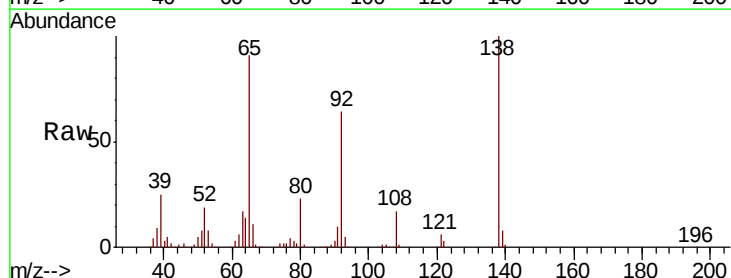
Manual Integrations
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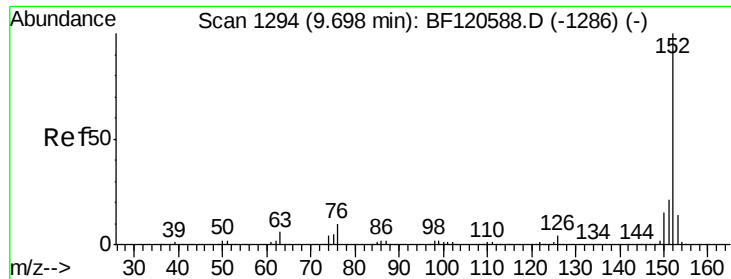
mohammad
 6/18/2020 11:51:57 AM



#48
 2-Nitroaniline
 Concen: 40.189 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.6	56.0	84.0		
138	109.5	94.0	141.0		





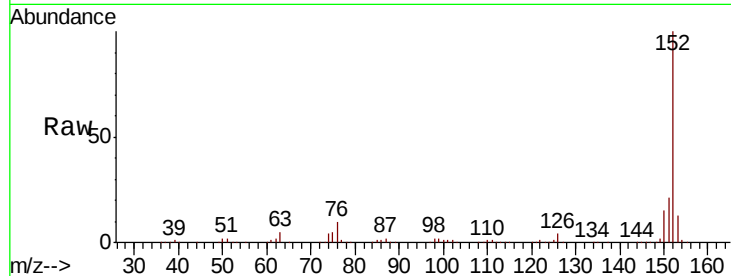
#49
Acenaphthylene
Concen: 40.384 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0
153	13.4	11.0	16.6

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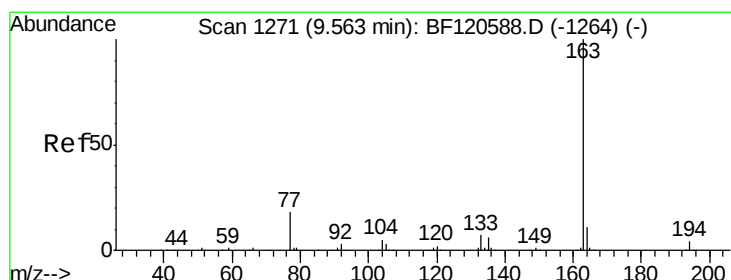
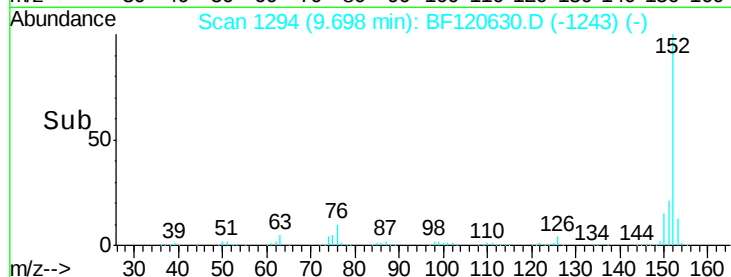
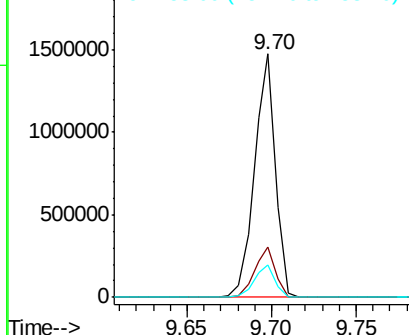


Abundance

Ion 152.00 (151.70 to 152.70): E

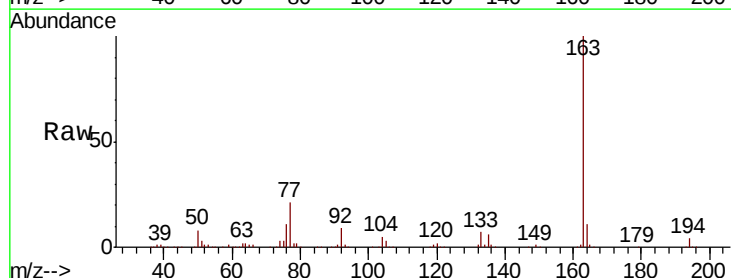
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 39.620 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.7	8.5	12.7

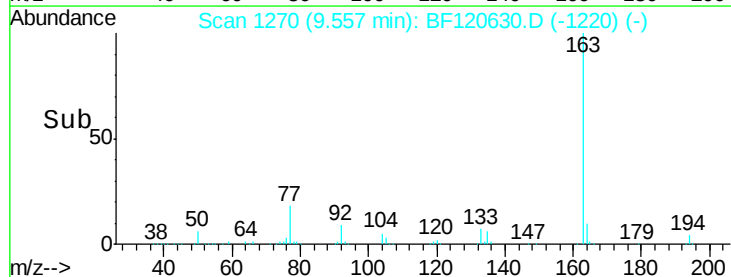
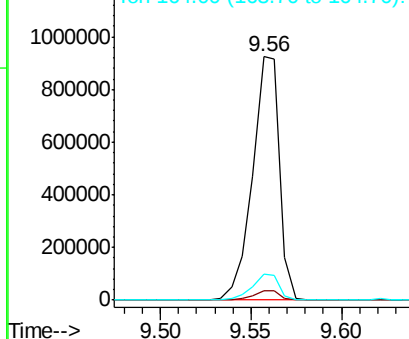


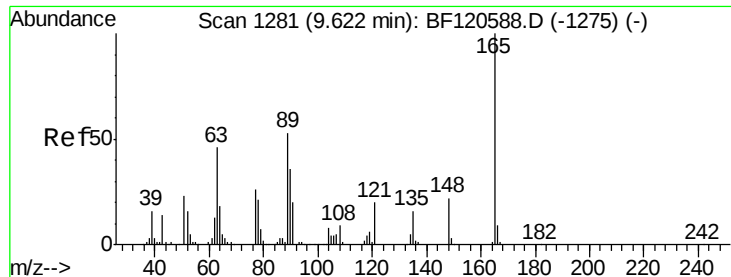
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





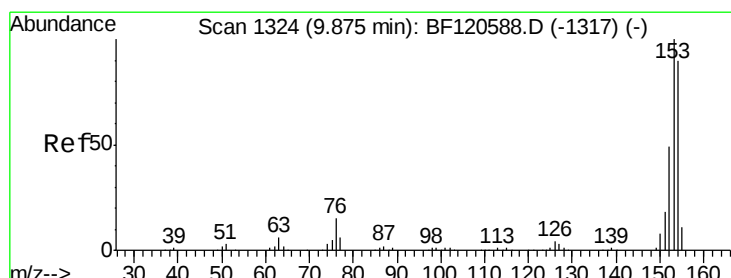
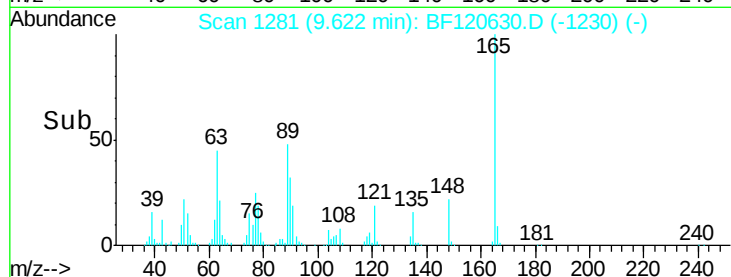
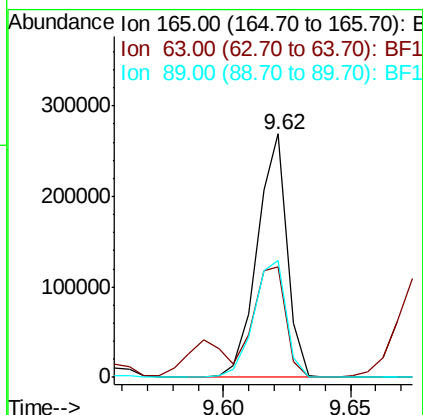
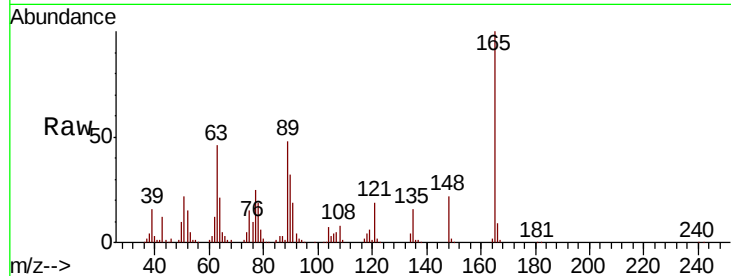
#51
2,6-Dinitrotoluene
Concen: 40.184 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	219115		
63	45.6		41.7	62.5
89	48.0		42.6	64.0

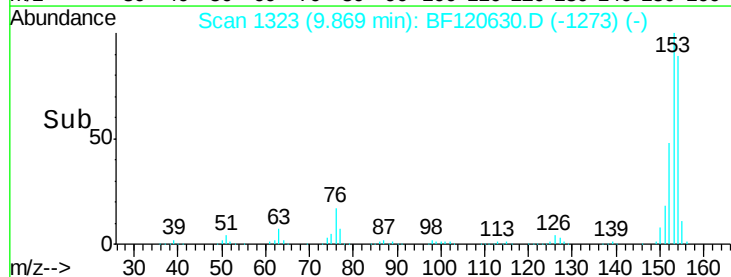
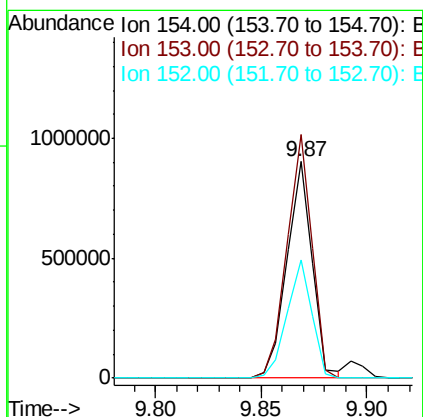
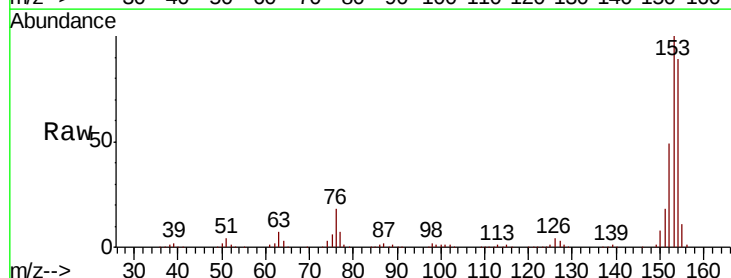
Manual Integrations
APPROVED

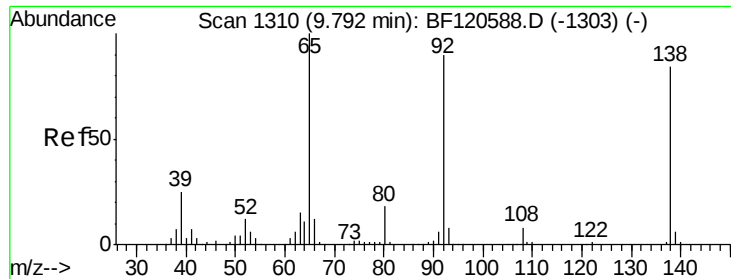
mohammad
6/18/2020 11:51:57 AM



#52
Acenaphthene
Concen: 40.422 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	758975		
153	112.6		89.1	133.7
152	54.7		43.7	65.5





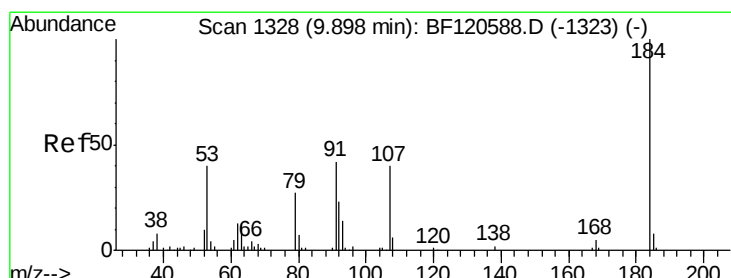
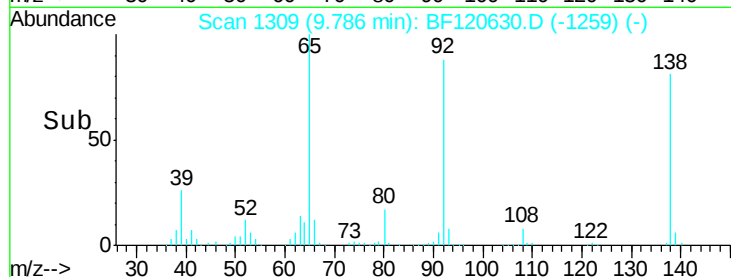
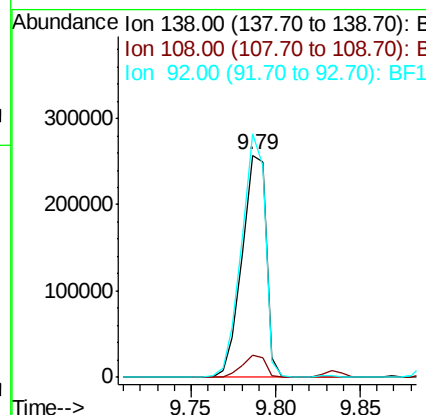
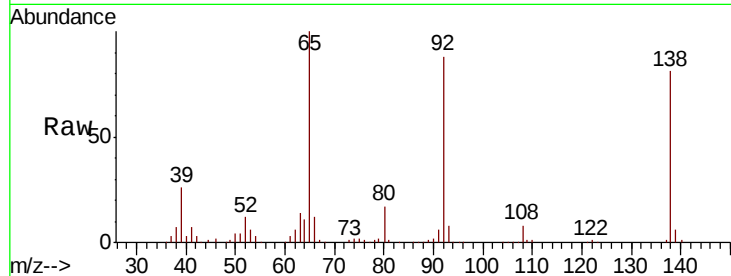
#53
3-Nitroaniline
Concen: 39.350 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	109.7	86.0	129.0

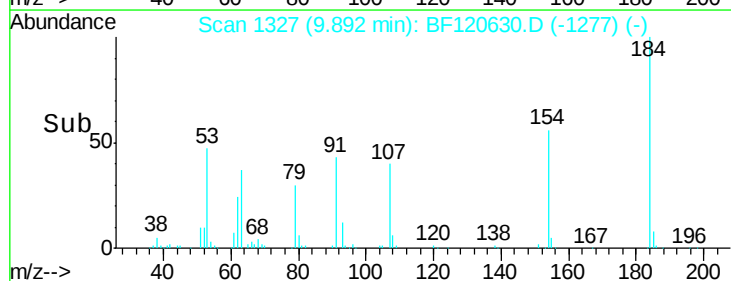
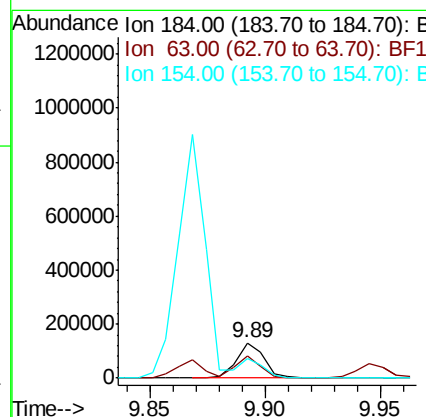
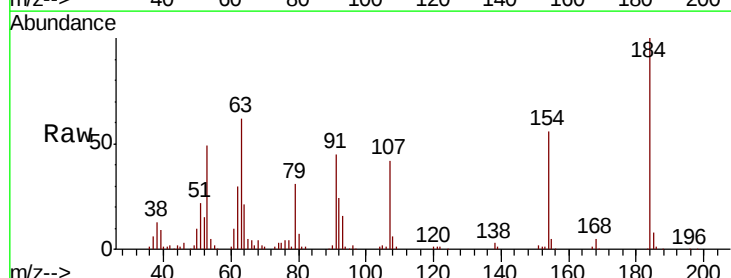
Manual Integrations
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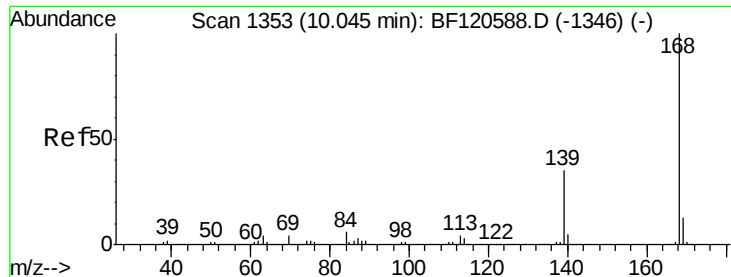
mohammad
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#54
2,4-Dinitrophenol
Concen: 35.784 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	44.2	66.2
154	56.4	45.9	68.9





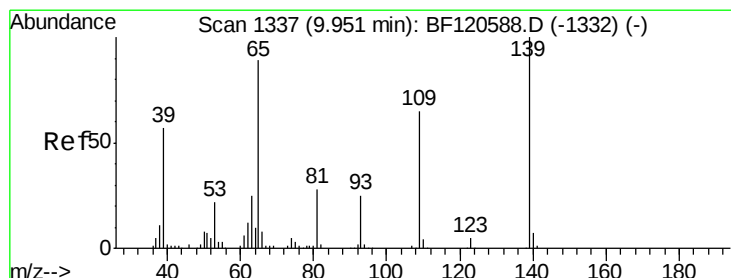
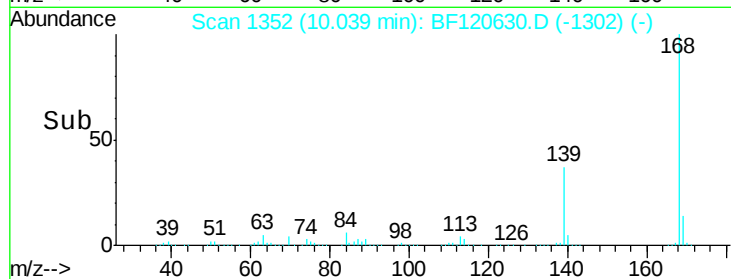
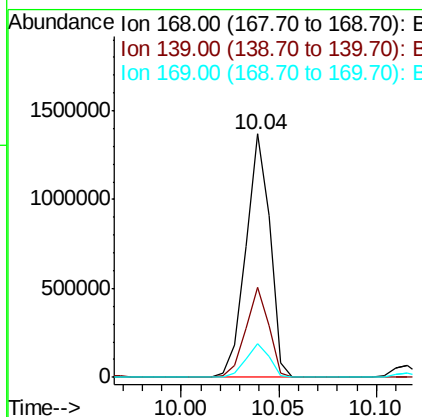
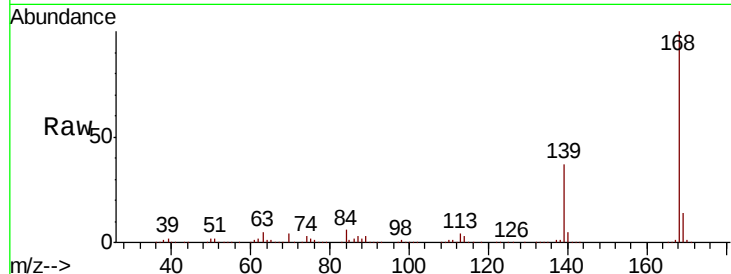
#55
Dibenzofuran
Concen: 40.486 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.1	42.1
169	13.8	10.6	16.0

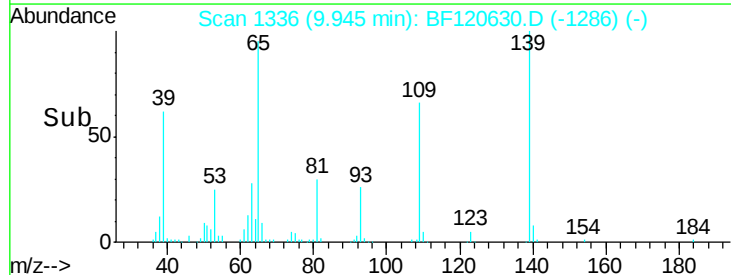
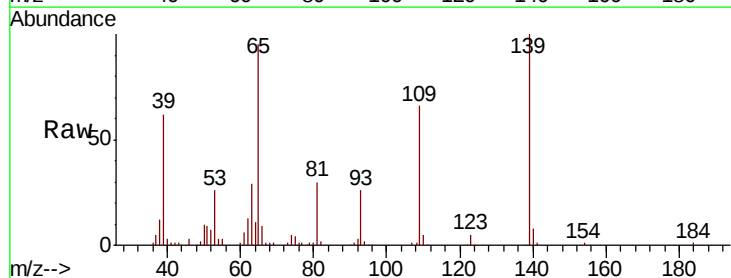
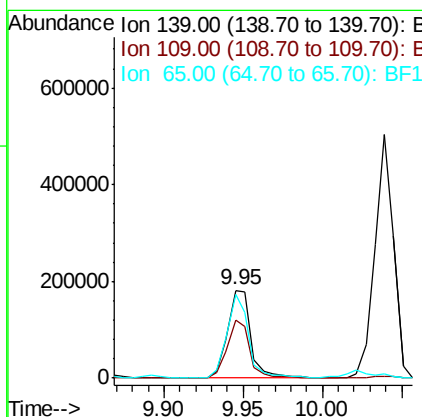
Manual Integrations
APPROVED

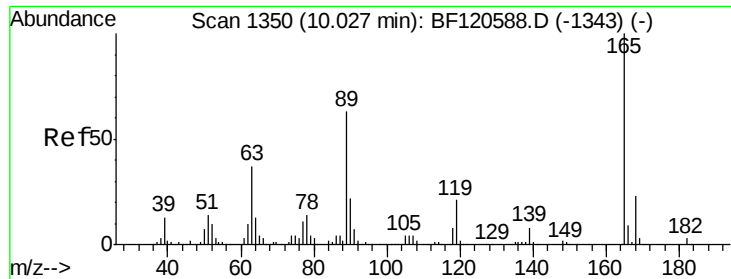
mohammad
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#56
4-Nitrophenol
Concen: 37.930 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	44.6	84.6
65	95.2	69.2	109.2





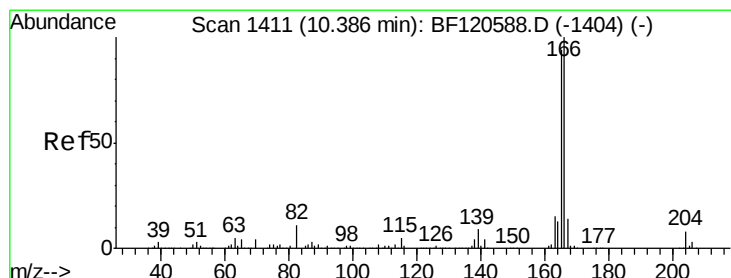
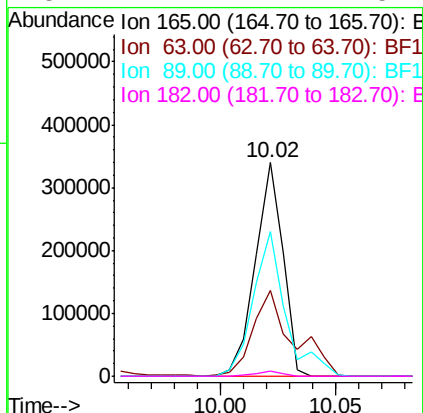
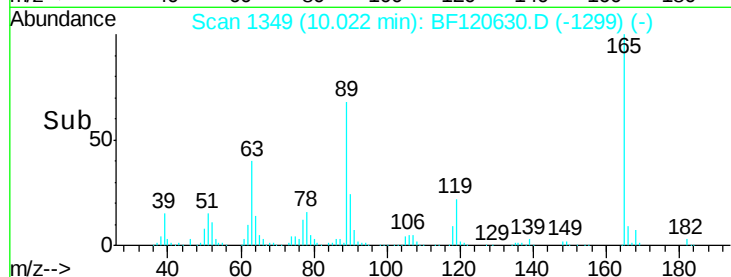
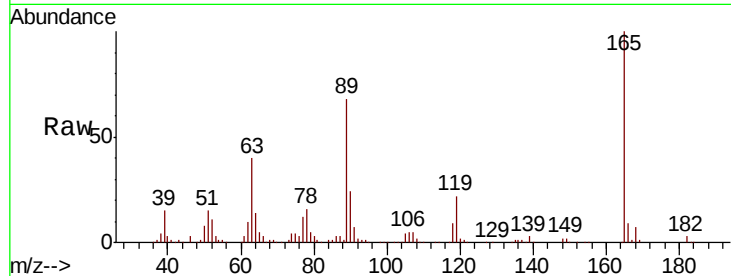
#57
2,4-Dinitrotoluene
Concen: 39.725 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	287430		
63	40.4	29.8	44.8	
89	67.8	50.4	75.6	
182	2.7	2.1	3.1	

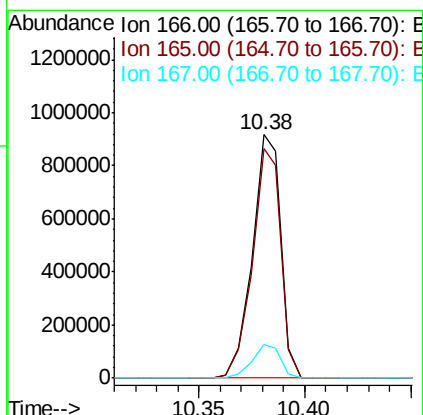
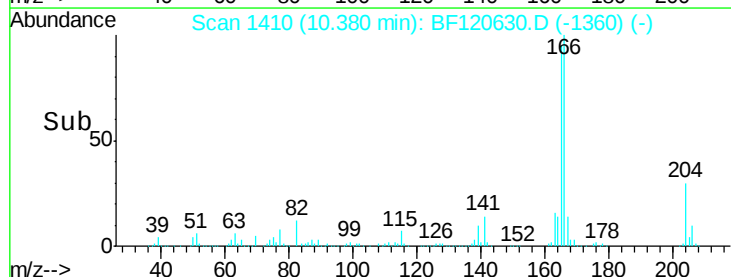
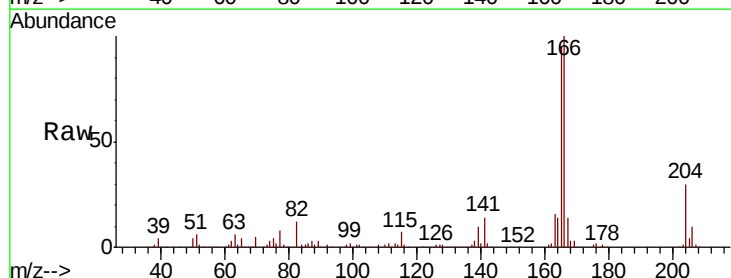
Manual Integrations
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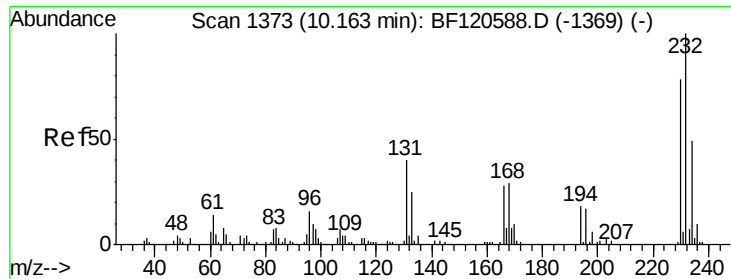
mohammad
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#58
Fluorene
Concen: 38.665 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	858147		
165	94.5	75.0	112.6	
167	13.8	11.0	16.4	





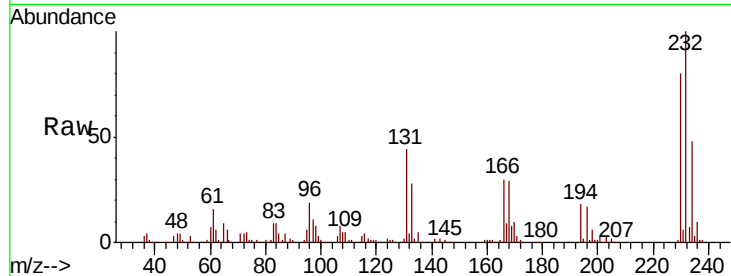
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.943 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

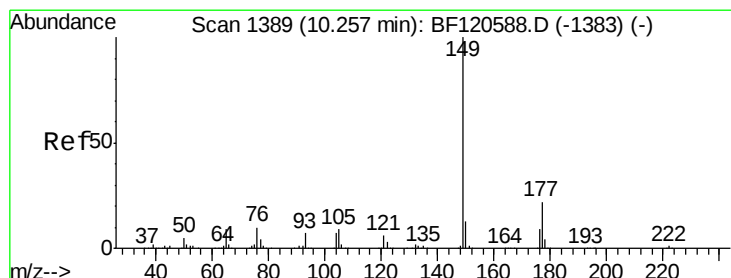
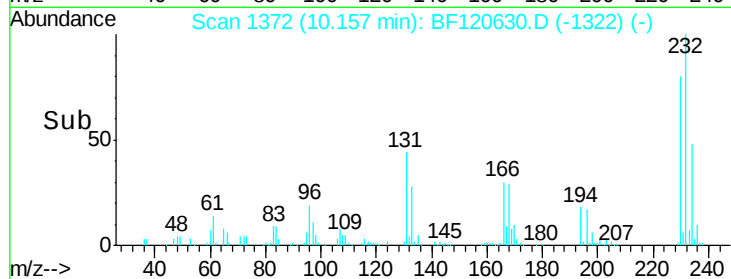
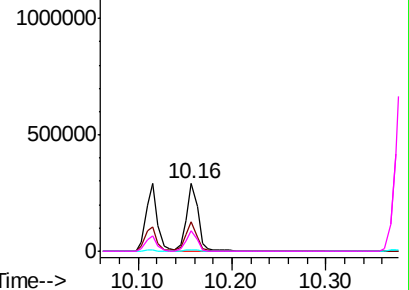
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.5	50.3
130	2.0	1.5	2.3
166	28.5	23.4	35.0

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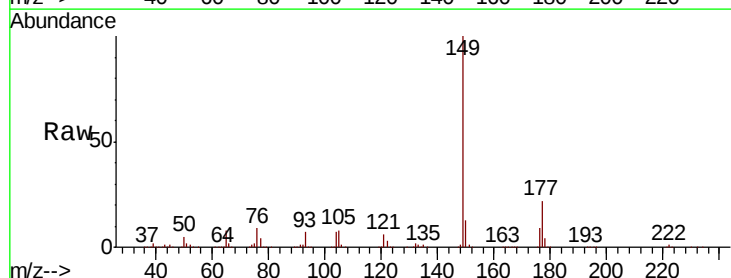


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

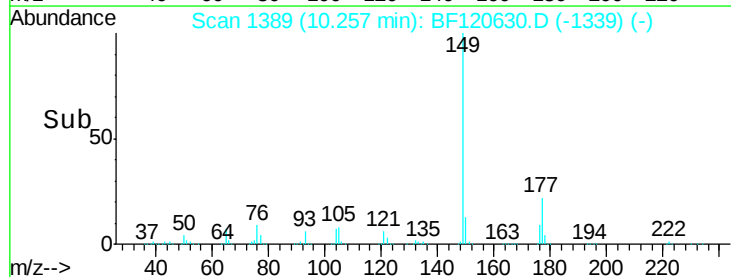
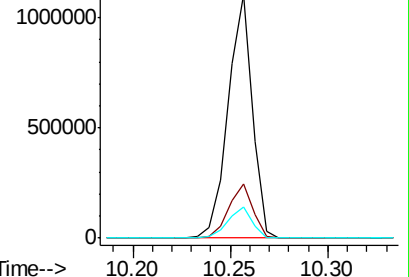


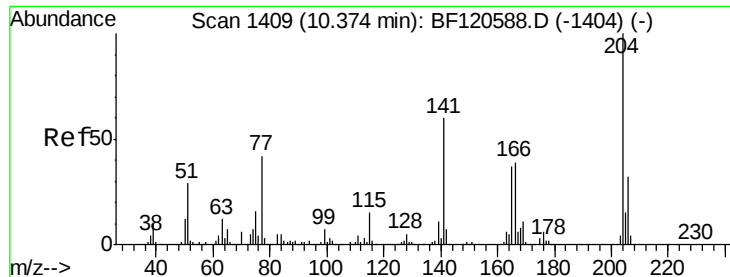
#60
 Diethylphthalate
 Concen: 40.002 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.3	25.9
150	12.6	10.3	15.5



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





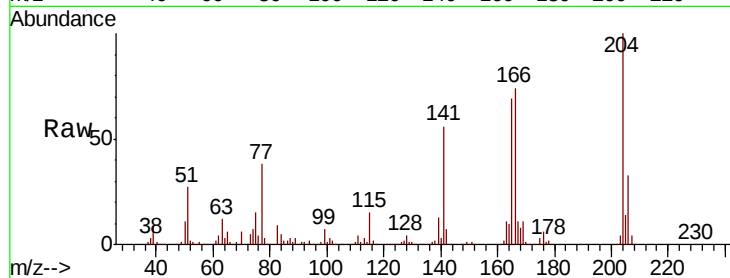
#61
4-Chlorophenyl-phenylether
Concen: 38.776 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

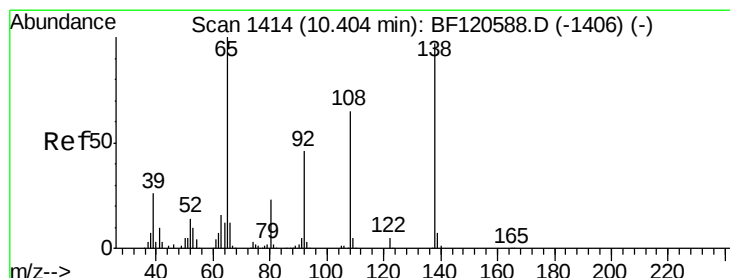
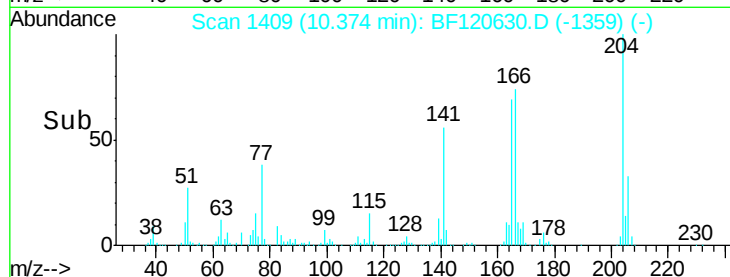
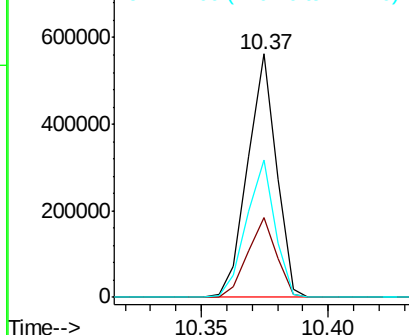
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	56.5	47.6	71.4

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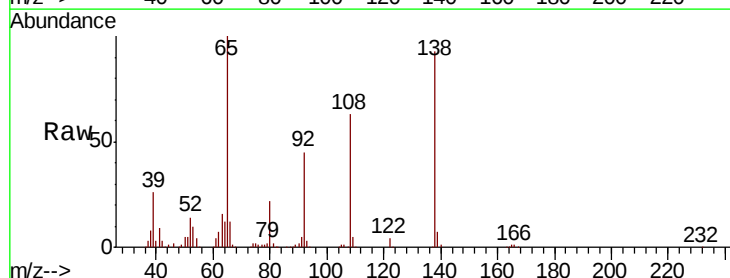


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

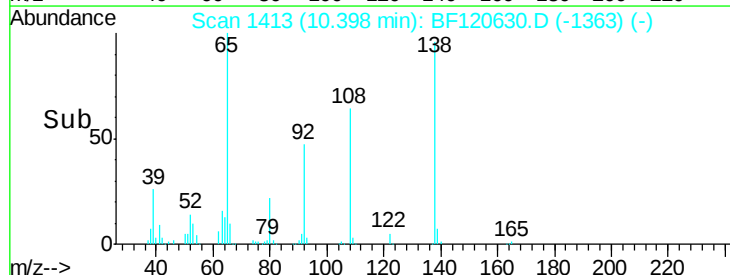
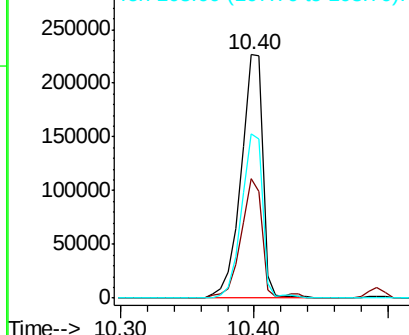


#62
4-Nitroaniline
Concen: 39.352 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.3	67.3
108	67.5	47.4	87.4



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





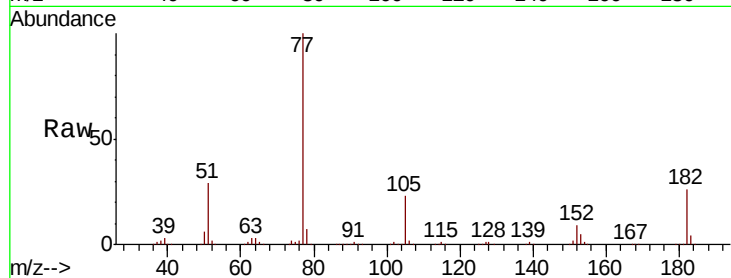
#63
Azobenzene
Concen: 40.849 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.7	47.7
105	23.2	3.2	43.2
51	29.4	8.5	48.5

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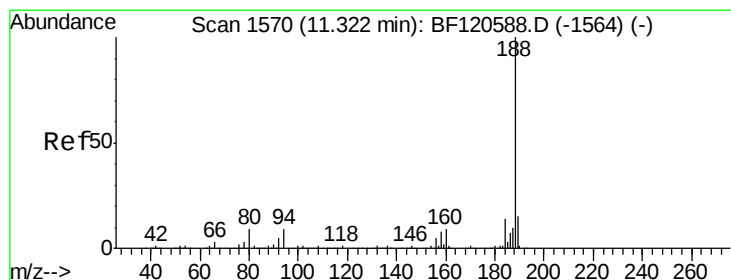
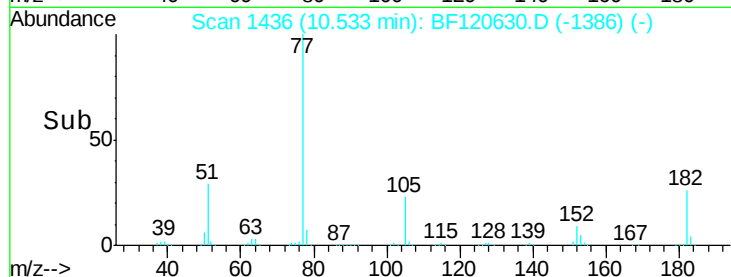
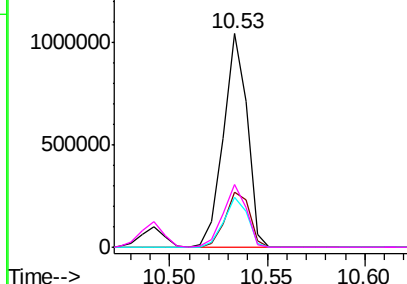
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

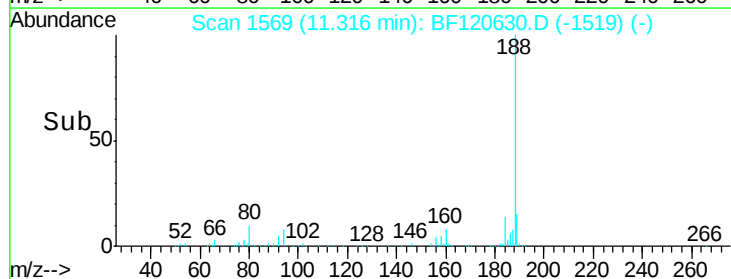
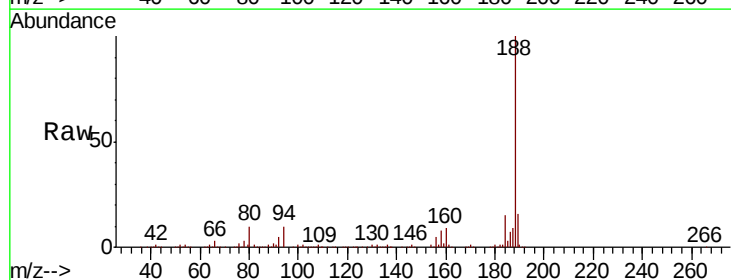
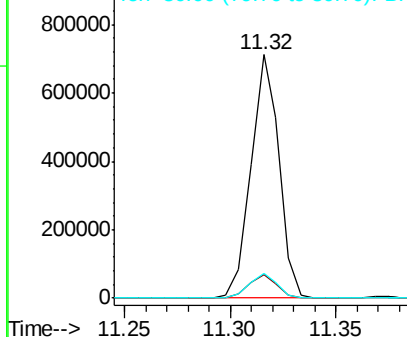
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.1	7.4	11.2

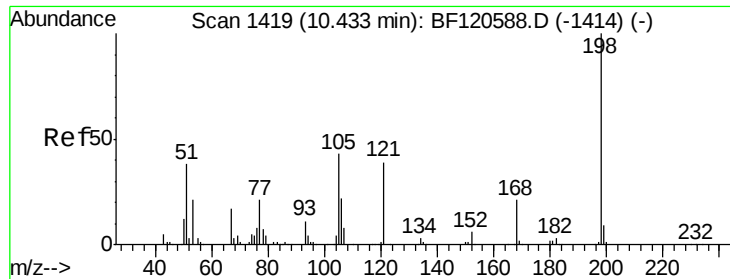
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





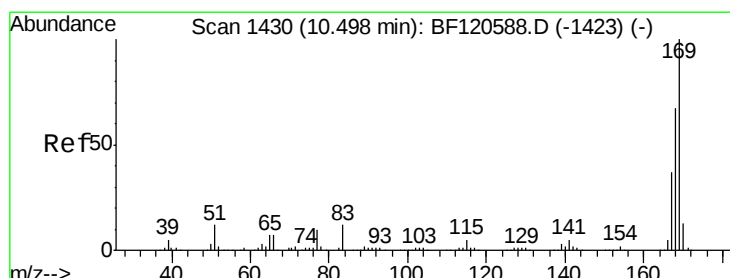
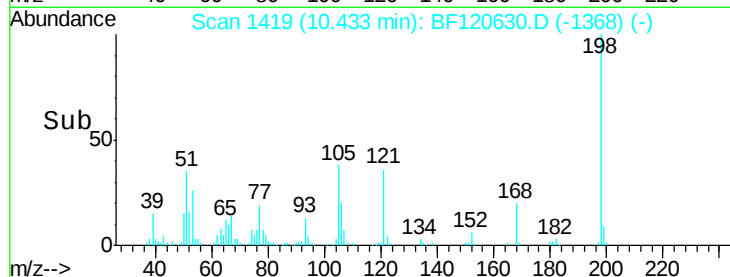
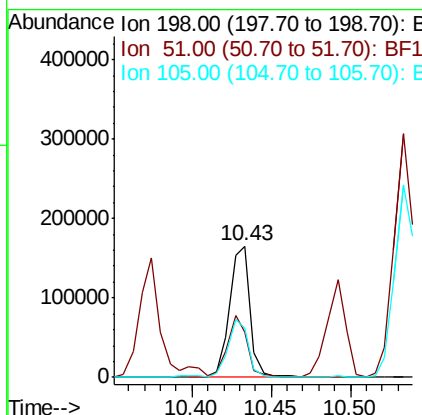
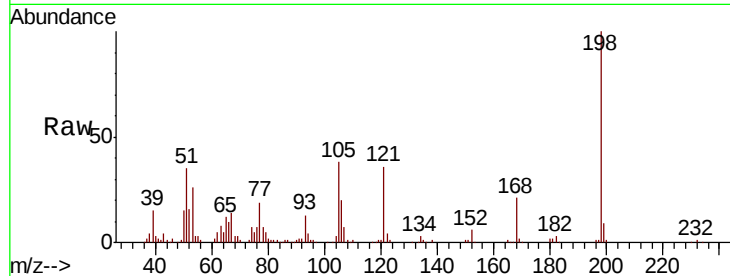
#65
4,6-Dinitro-2-methylphenol
Concen: 38.163 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.0	24.8	64.8
105	37.6	23.9	63.9

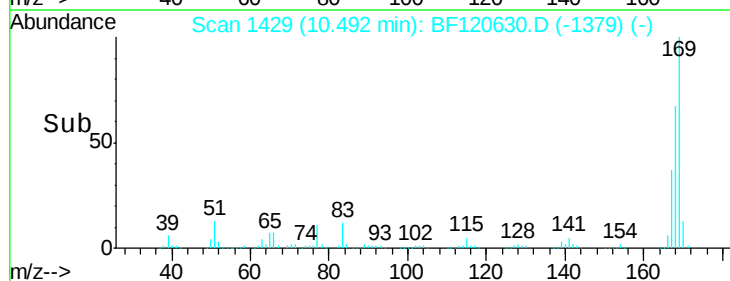
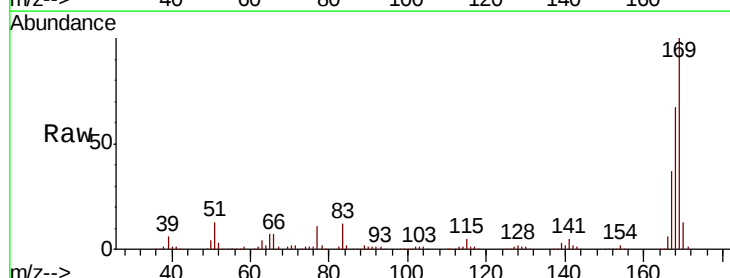
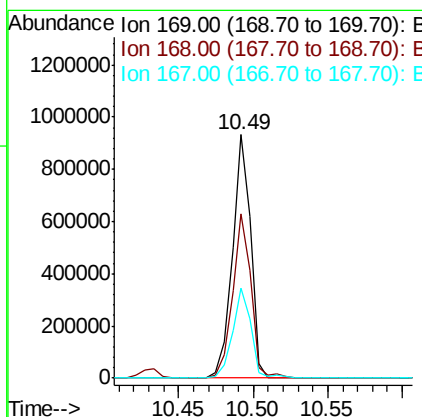
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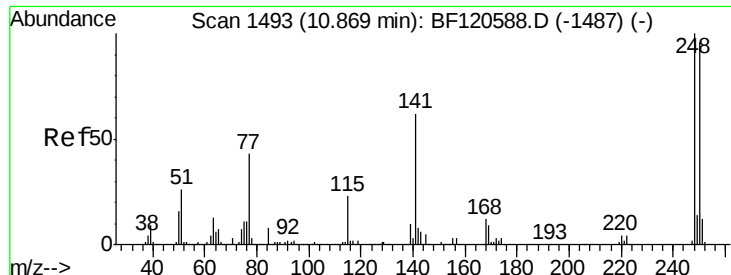
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#66
n-Nitrosodiphenylamine
Concen: 40.026 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.7	80.5
167	36.9	29.9	44.9





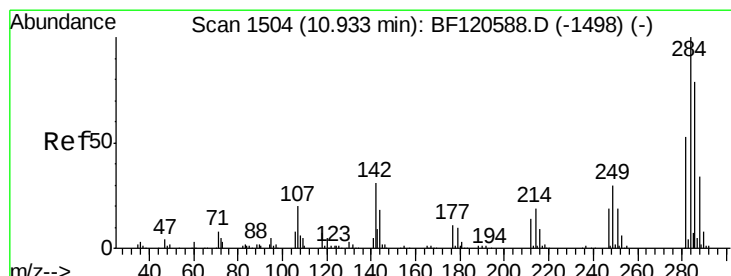
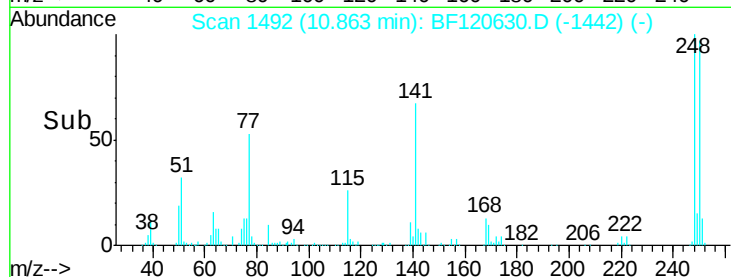
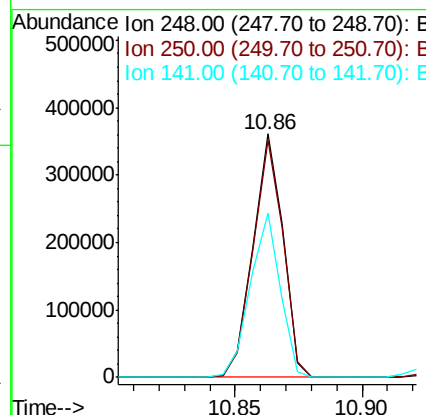
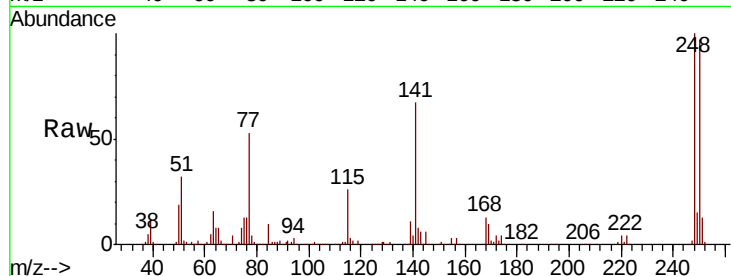
#67
 4-Bromophenyl-phenylether
 Concen: 40.218 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	248	Resp:	298382
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.7	115.1
141	67.3	49.4	74.0

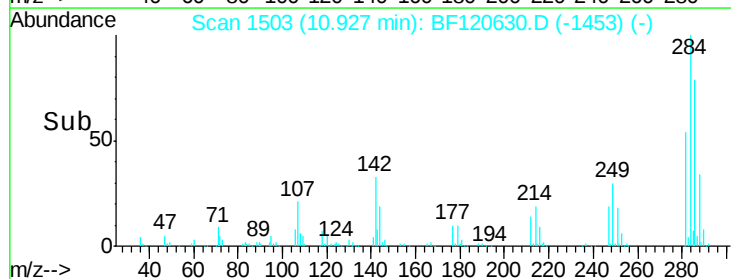
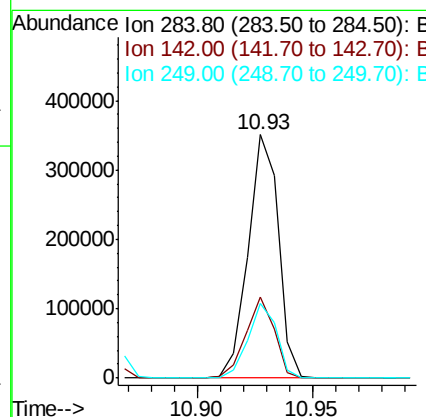
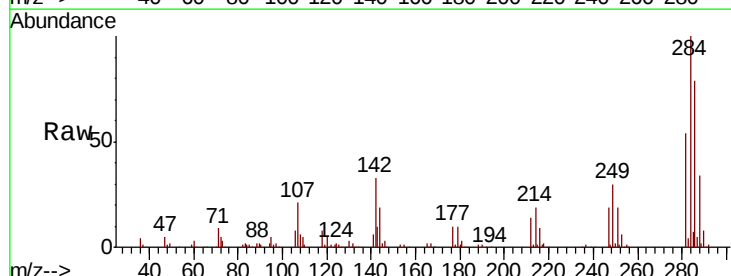
Manual Integrations
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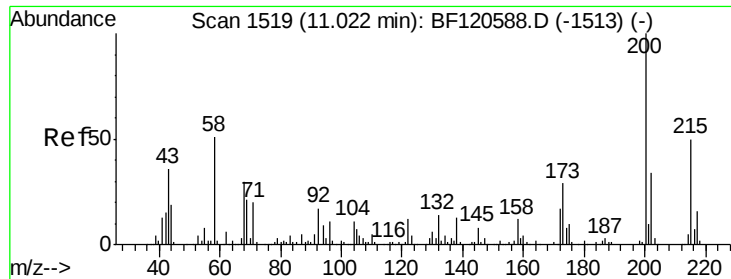
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#68
 Hexachlorobenzene
 Concen: 40.272 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion:	284	Resp:	321234
Ion Ratio	Lower	Upper	
284	100		
142	33.3	25.1	37.7
249	30.4	24.0	36.0





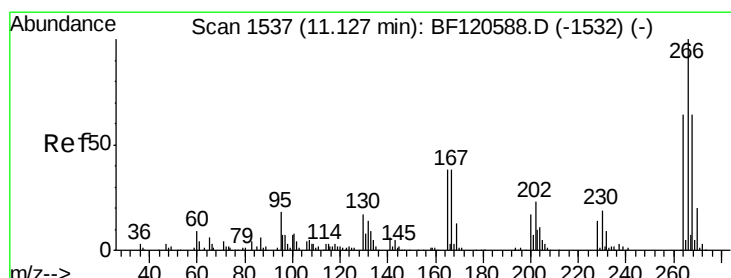
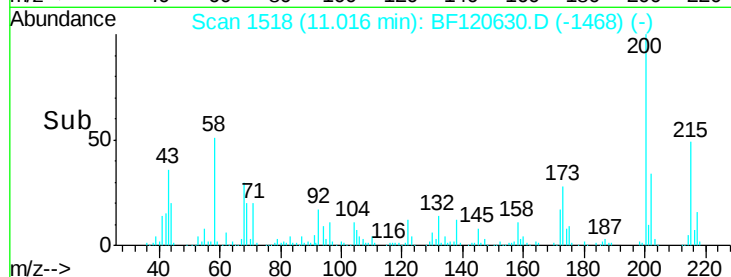
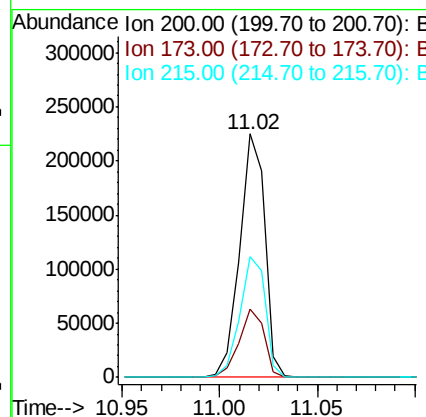
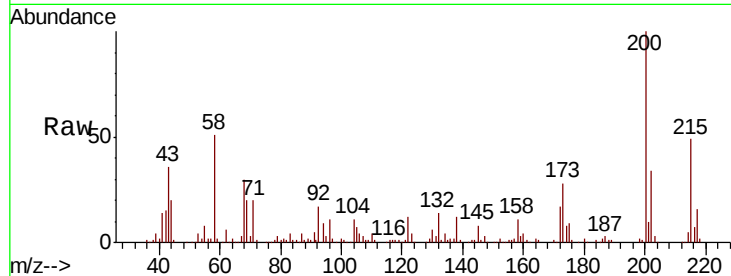
#69
Atrazine
Concen: 32.382 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	9.1	49.1
215	49.4	29.8	69.8

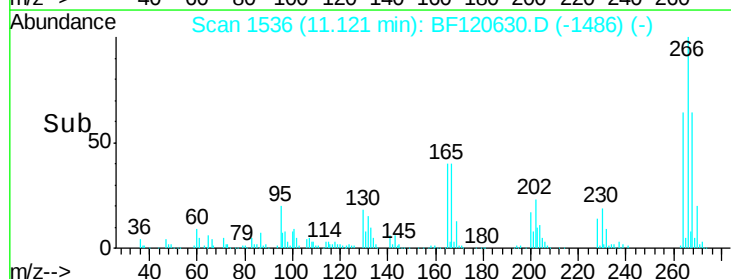
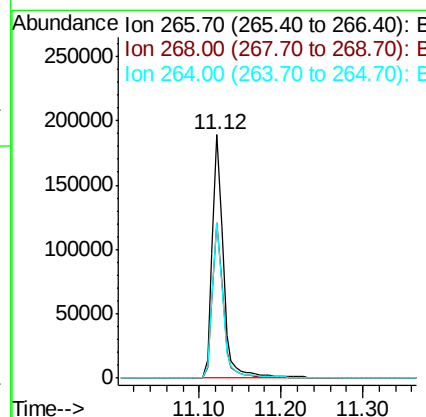
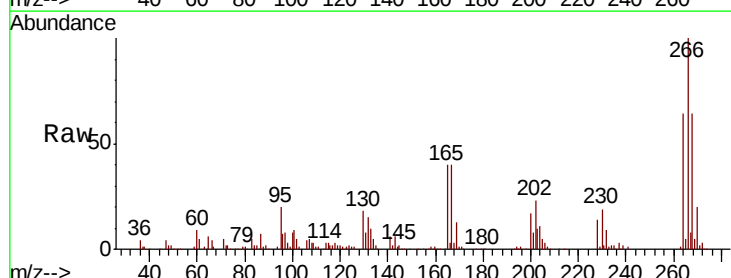
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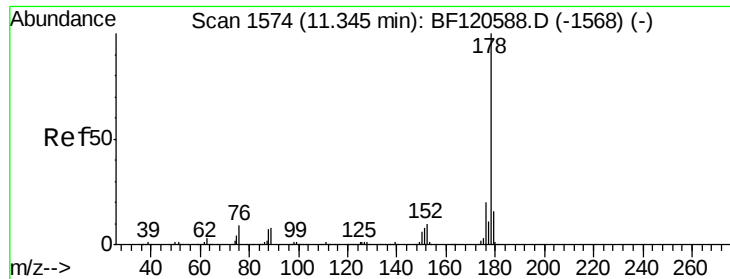
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#70
Pentachlorophenol
Concen: 40.577 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	51.4	77.0
264	63.7	50.8	76.2





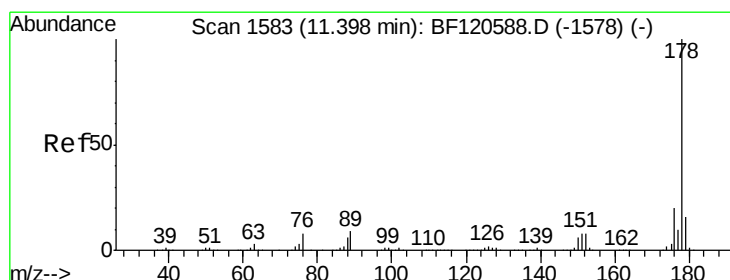
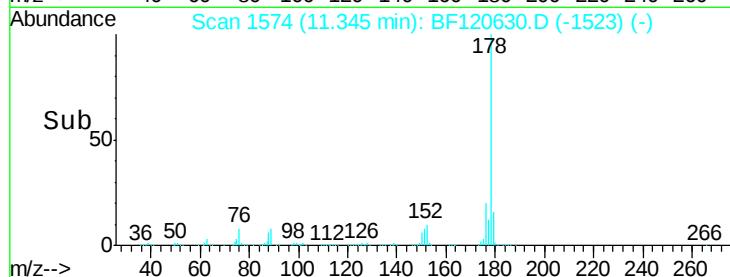
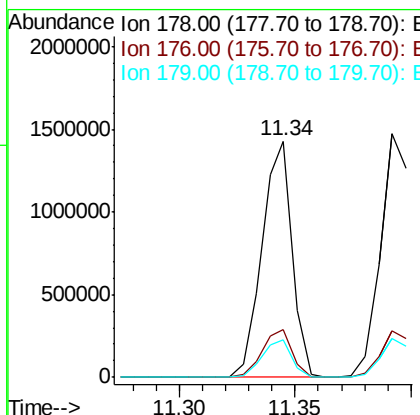
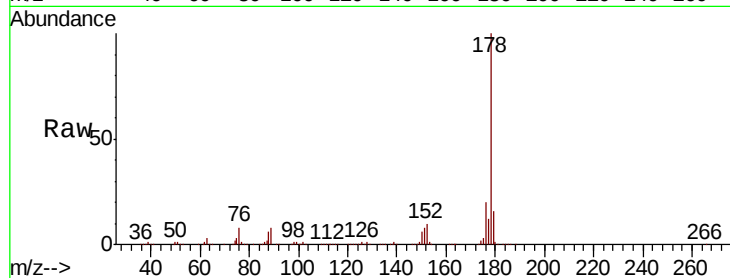
#71
Phenanthrene
Concen: 39.848 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:178 Resp: 1294883
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.9 12.8 19.2

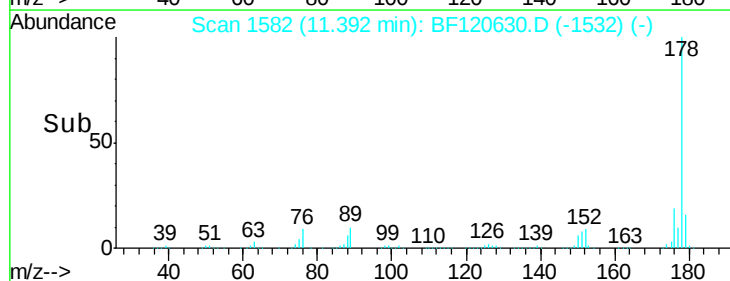
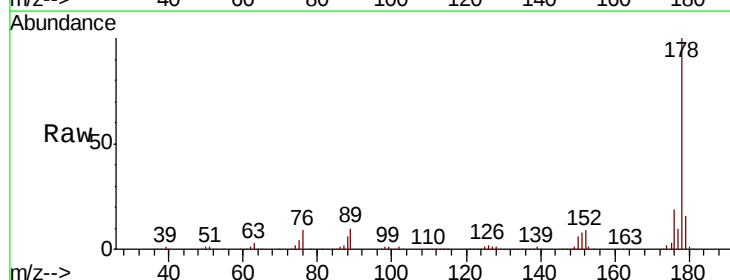
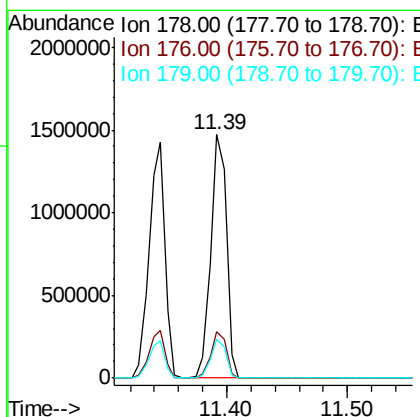
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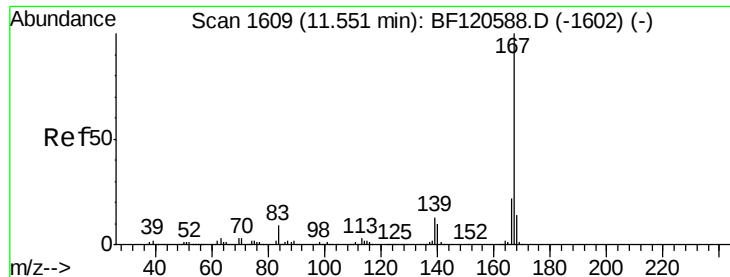
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#72
Anthracene
Concen: 40.036 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion:178 Resp: 1311382
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.0 12.9 19.3





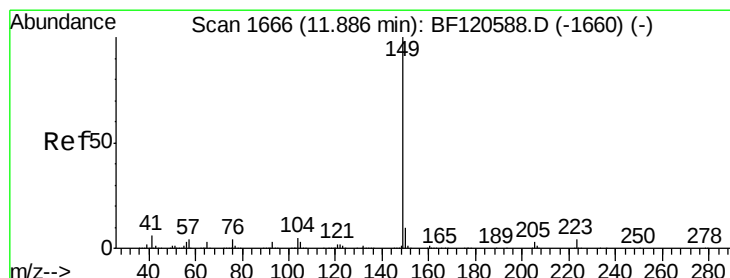
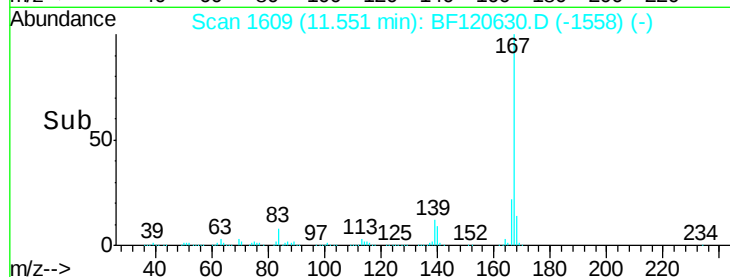
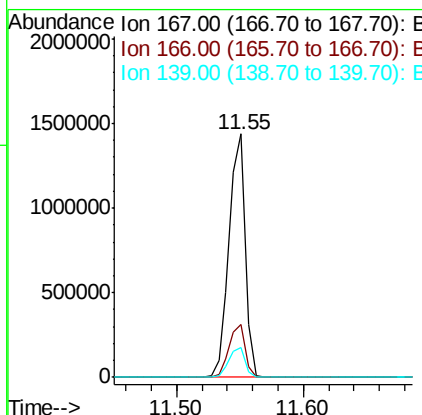
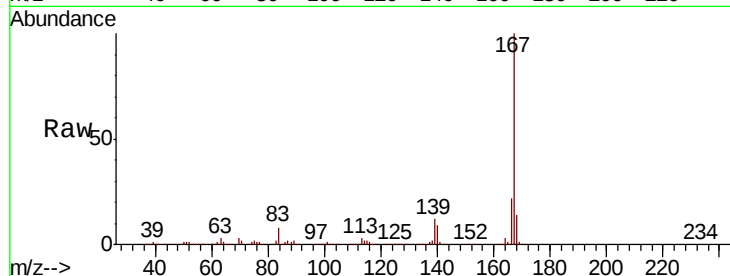
#73
 Carbazole
 Concen: 39.214 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.5	10.1	15.1

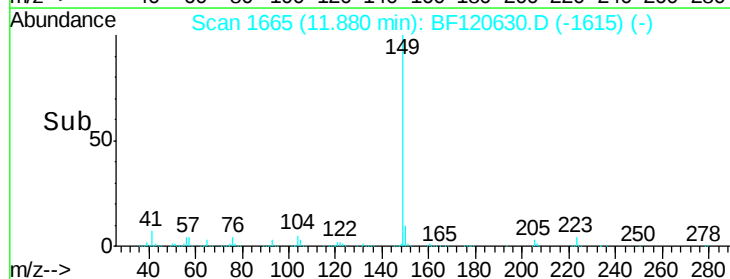
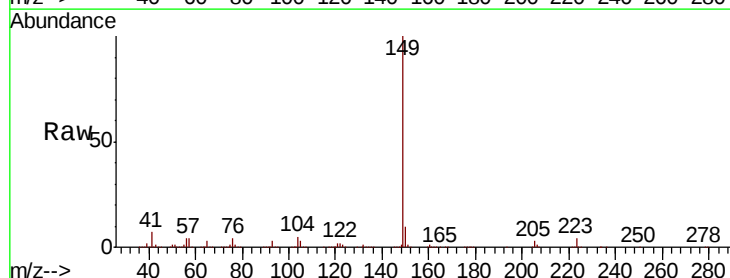
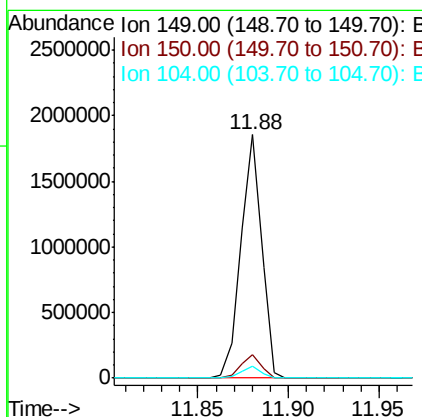
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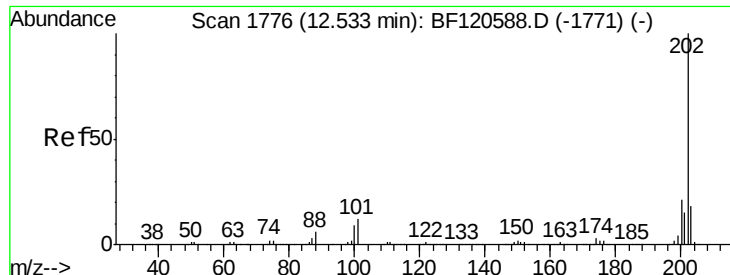
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#74
 Di-n-butylphthalate
 Concen: 40.413 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.7	3.7	5.5





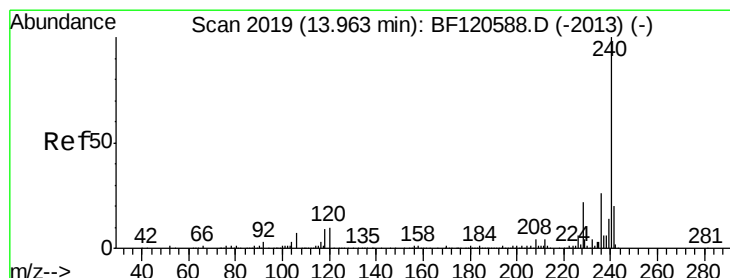
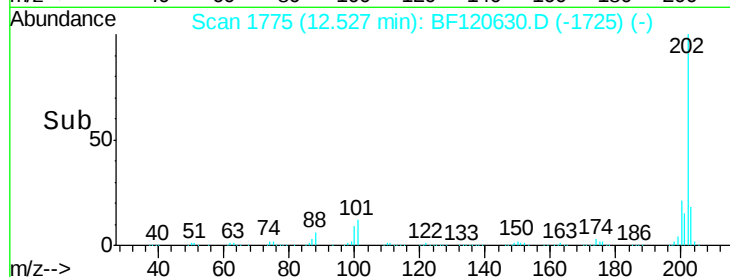
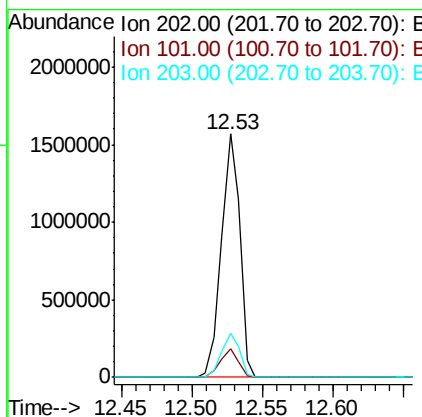
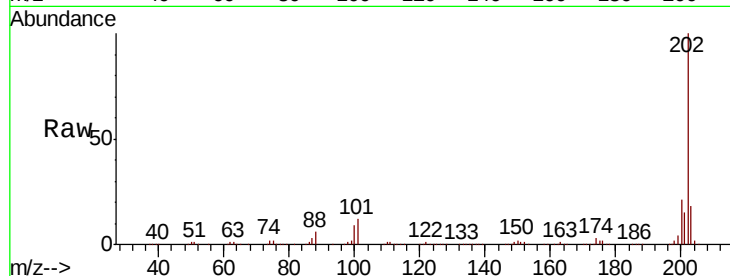
#75
Fluoranthene
Concen: 38.422 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.0
203	18.2	0.0	38.3

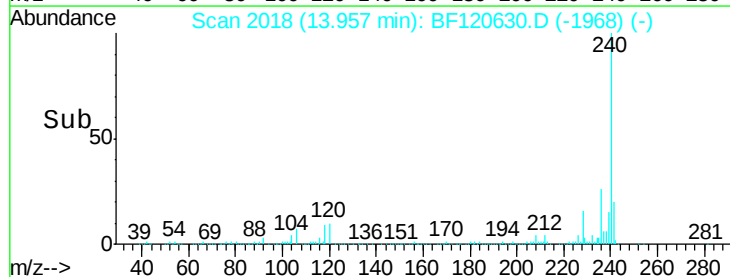
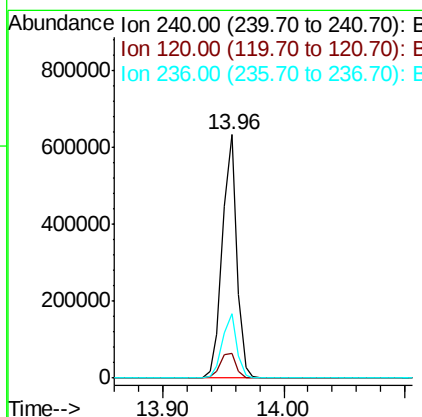
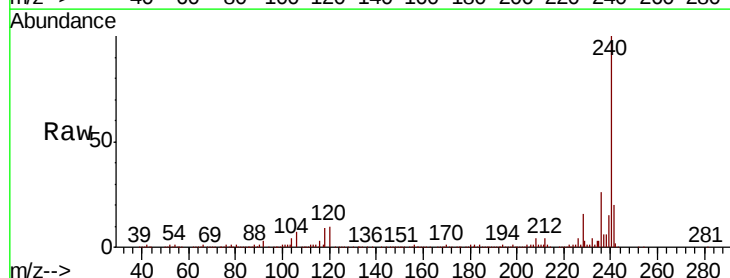
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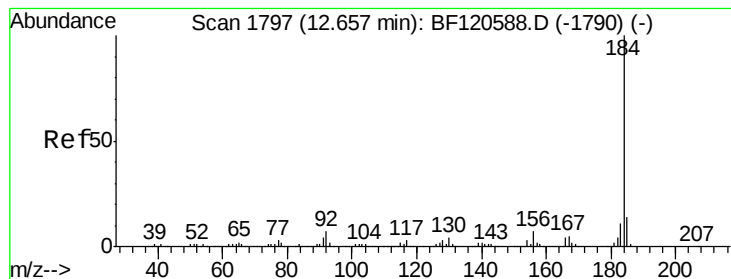
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.3	21.0	31.4





#77

Benzidine

Concen: 34.749 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

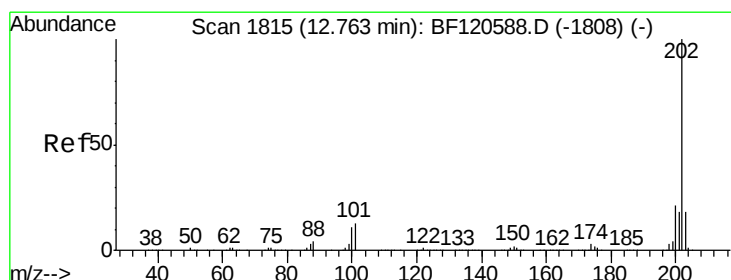
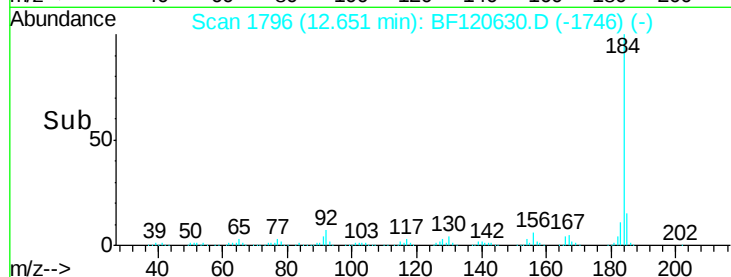
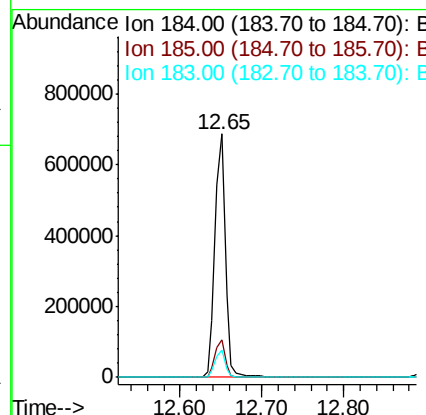
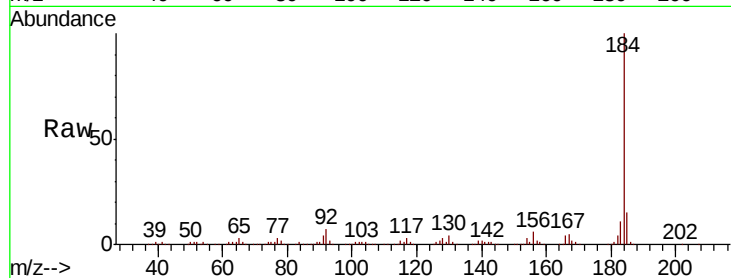
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	609443
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.4	17.0
183	11.0	9.0	13.6

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#78

Pyrene

Concen: 40.149 ng

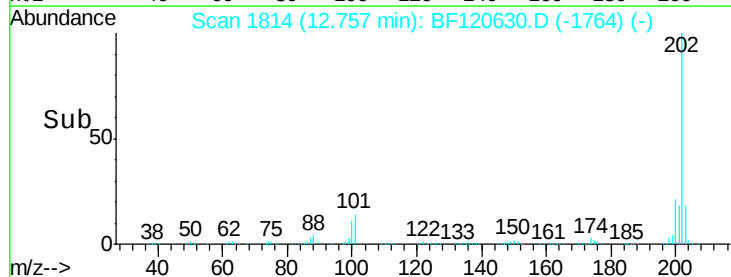
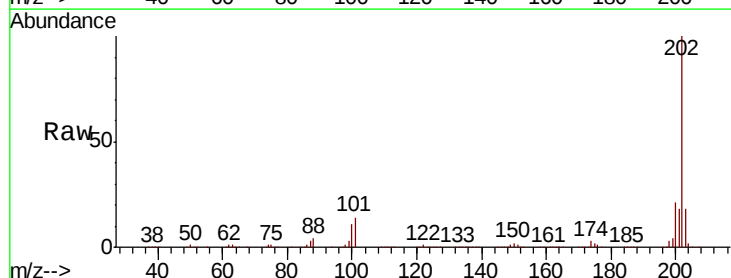
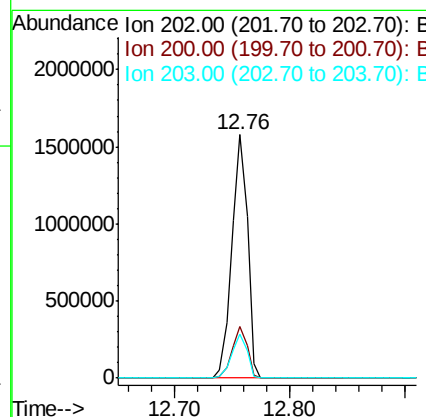
RT: 12.76 min Scan# 1814

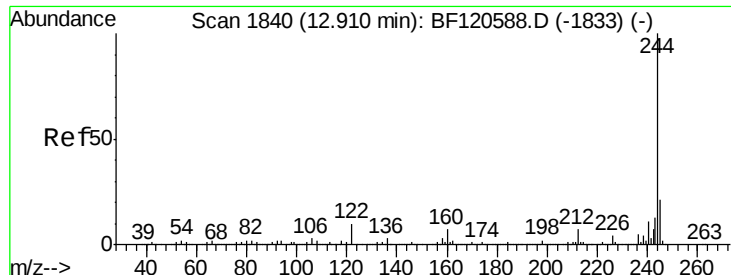
Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Tgt Ion:	202	Resp:	1474996
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	18.2	14.3	21.5





#79

Terphenyl-d14

Concen: 78.636 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1846175

Ion Ratio Lower Upper

244 100

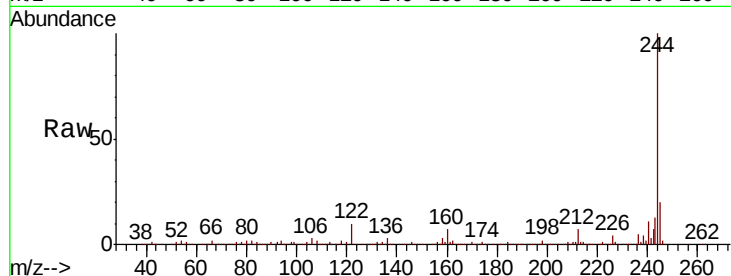
212 7.0 5.7 8.5

122 10.3 8.3 12.5

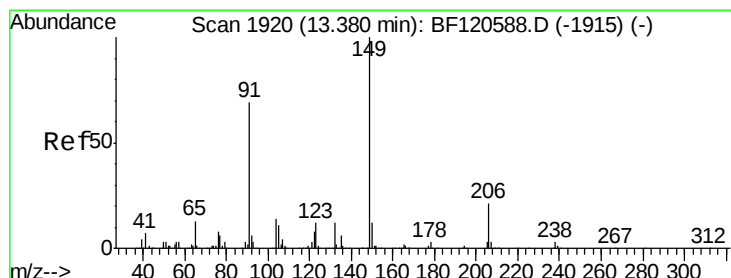
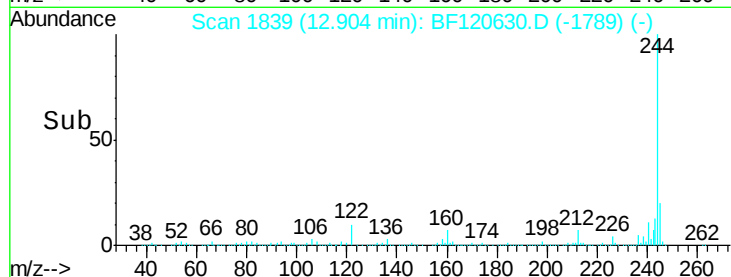
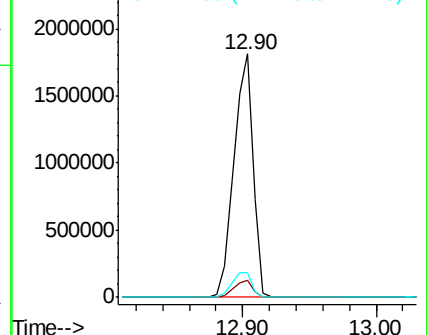
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Abundance Ion 244.00 (243.70 to 244.70): E
2500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.639 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

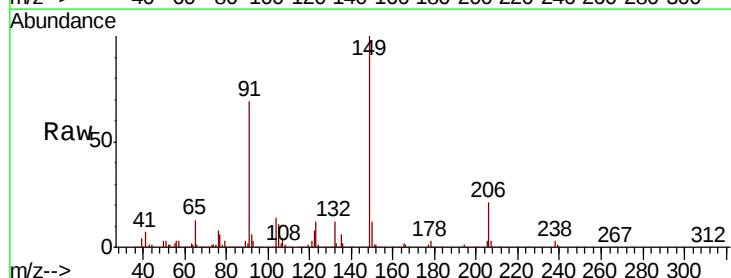
Tgt Ion:149 Resp: 646628

Ion Ratio Lower Upper

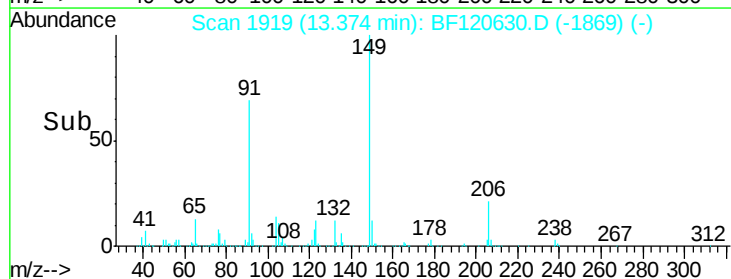
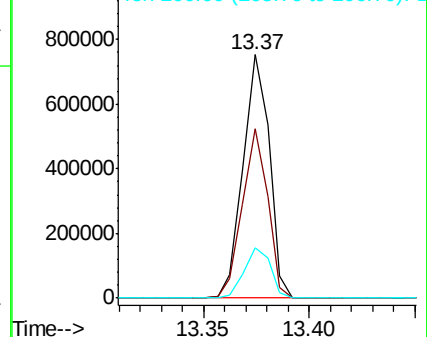
149 100

91 69.3 55.4 83.0

206 20.8 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E
1000000 Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.282 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1255037

Ion Ratio Lower Upper

228 100

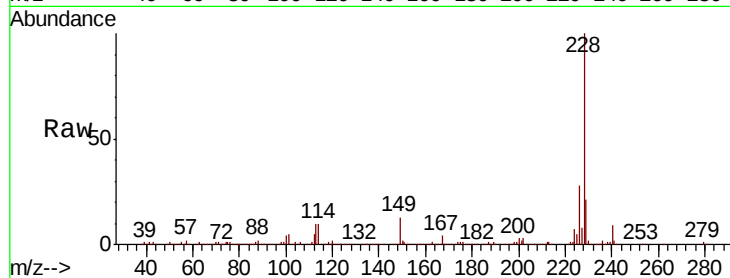
226 28.0 22.5 33.7

229 20.6 16.1 24.1

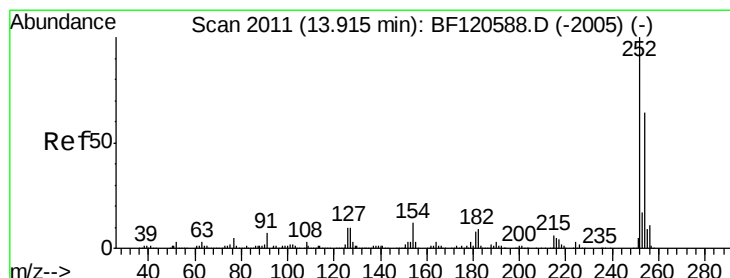
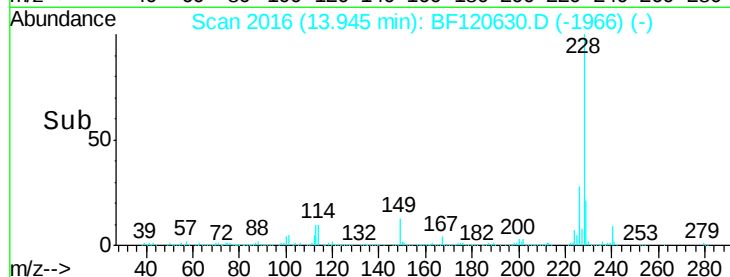
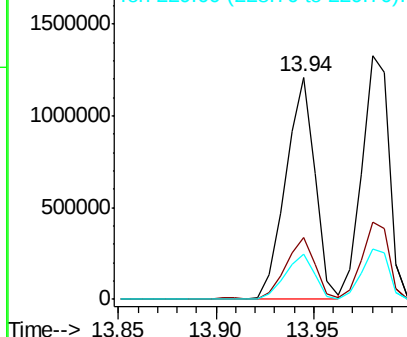
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.595 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

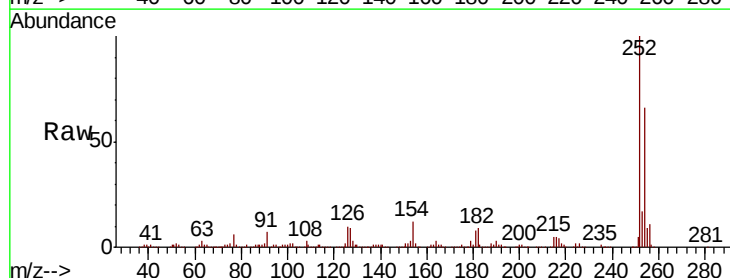
Tgt Ion:252 Resp: 471206

Ion Ratio Lower Upper

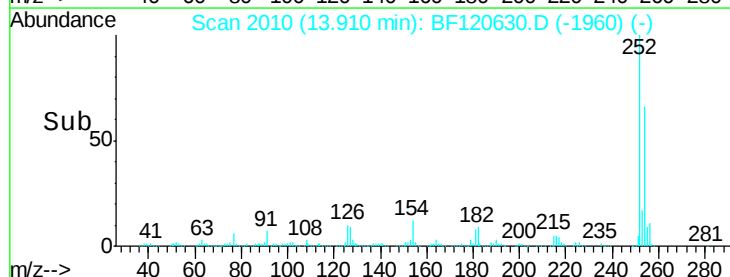
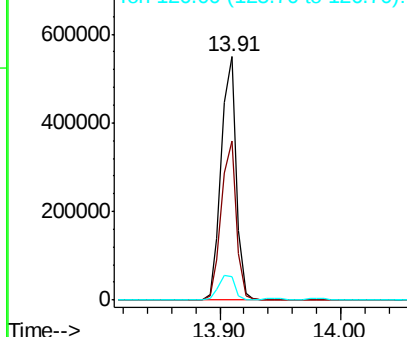
252 100

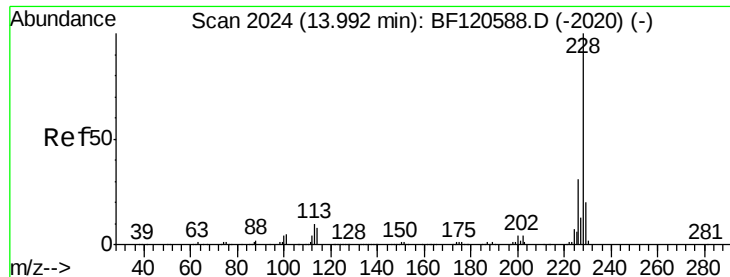
254 65.5 51.4 77.2

126 9.8 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





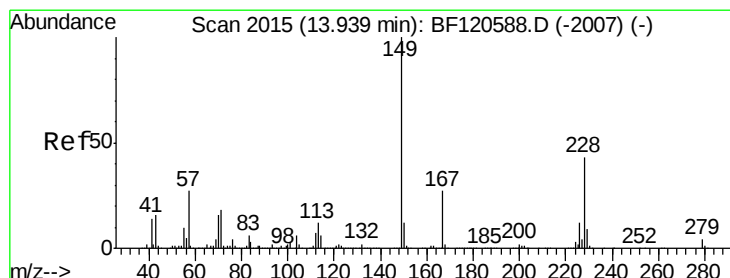
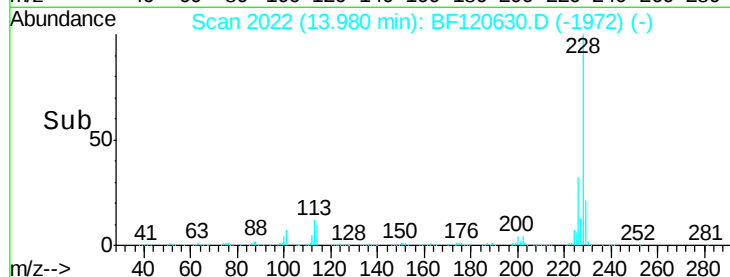
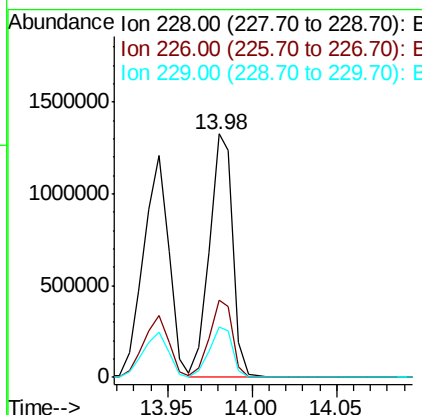
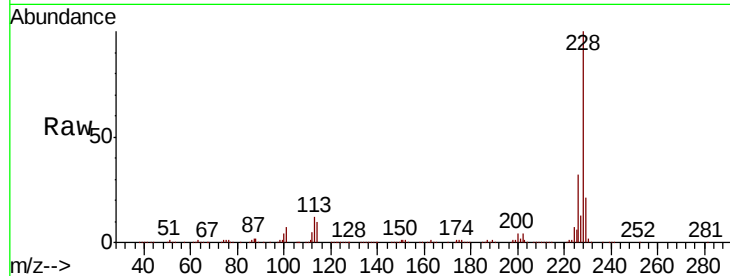
#83
Chrysene
Concen: 40.086 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.6	16.1	24.1

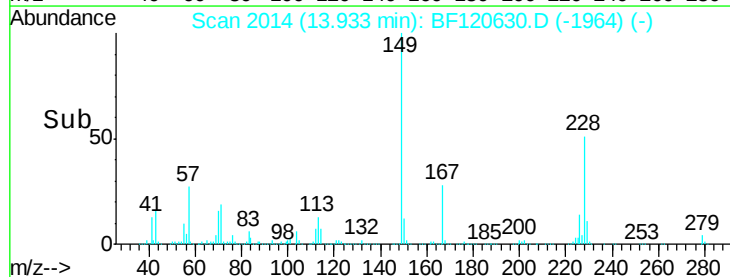
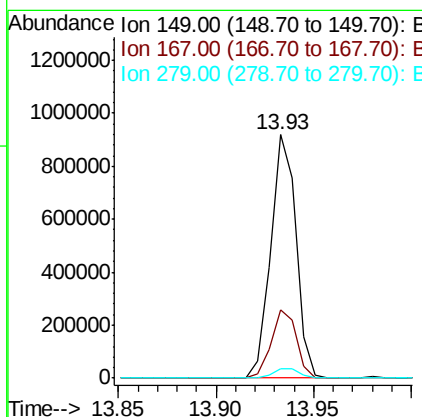
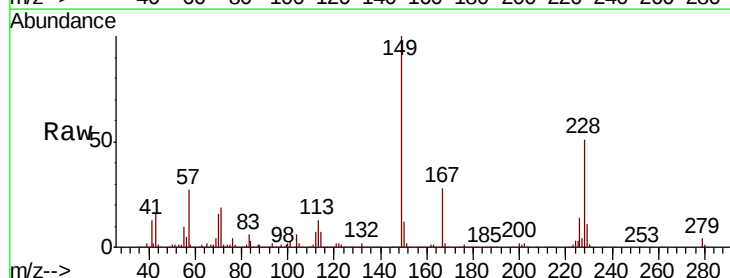
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.413 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.0	33.0
279	3.9	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 40.679 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1545596

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

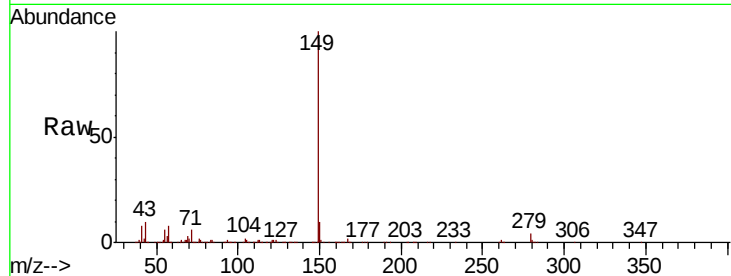
43 9.7 7.6 11.4

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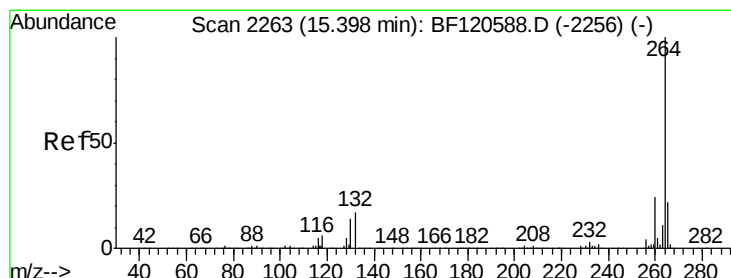
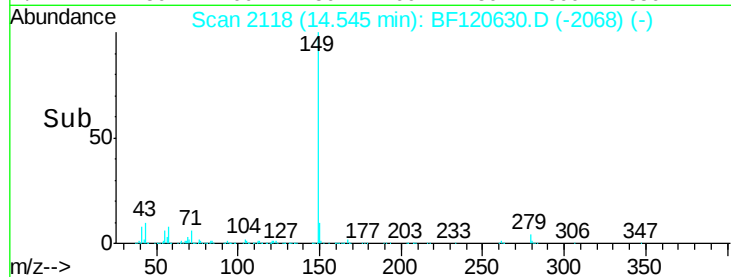
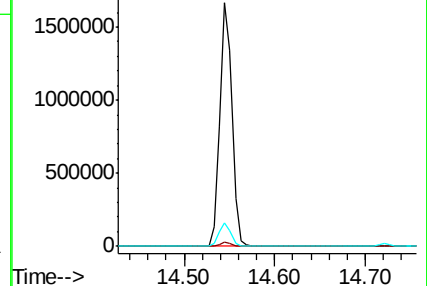
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF120630.D

Acq: 16 Jun 2020 16:25

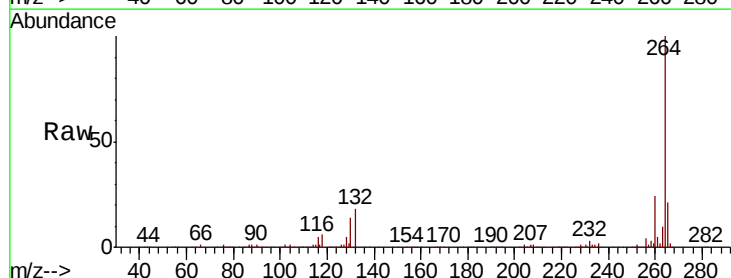
Tgt Ion:264 Resp: 593780

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

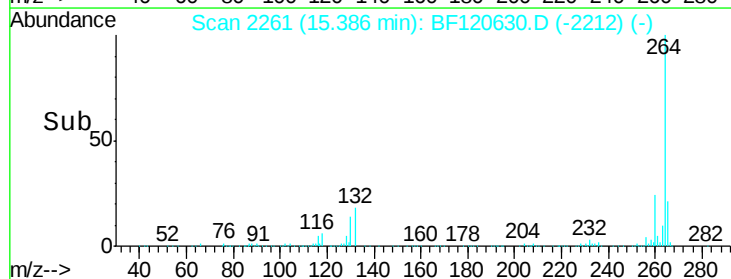
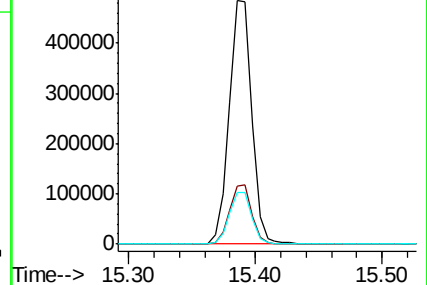
265 21.3 17.8 26.8

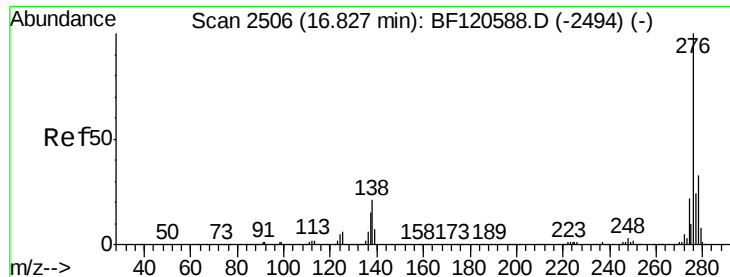


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





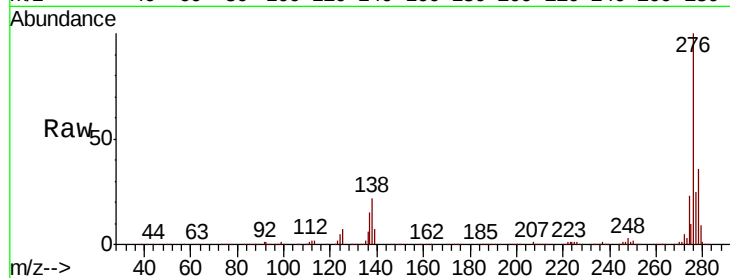
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.233 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. -0.02 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

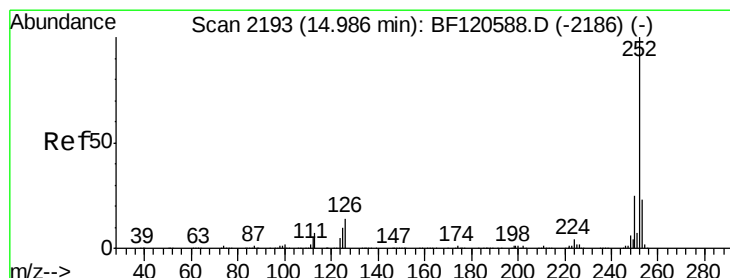
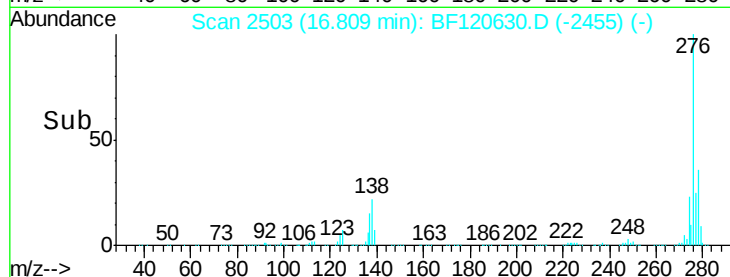
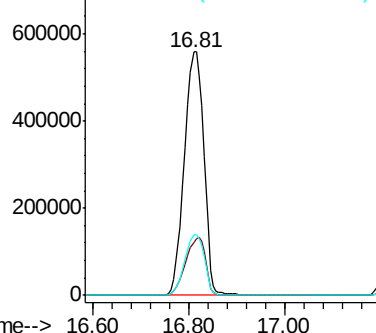
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.9	28.3
277	25.1	20.2	30.2

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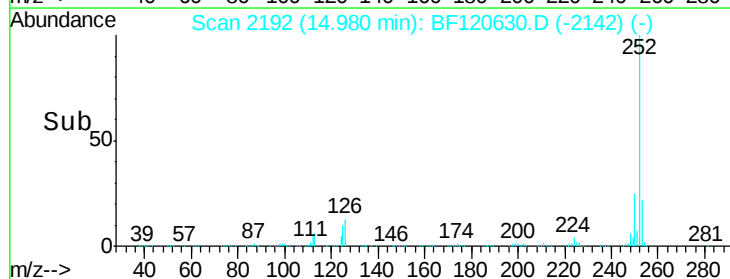
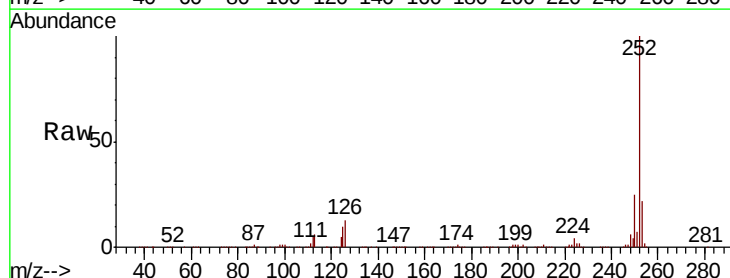
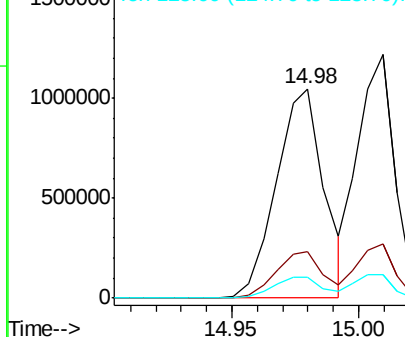
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

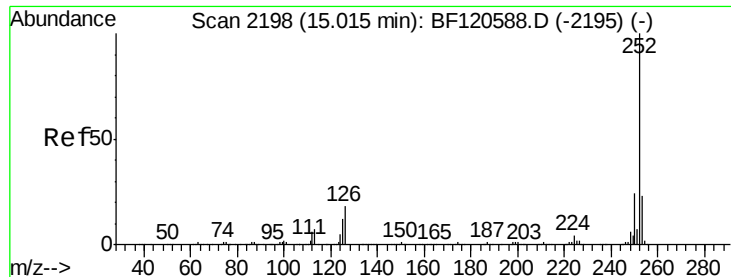


#88
 Benzo(b)fluoranthene
 Concen: 38.732 ng
 RT: 14.98 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BF120630.D
 Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	9.7	8.3	12.5

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





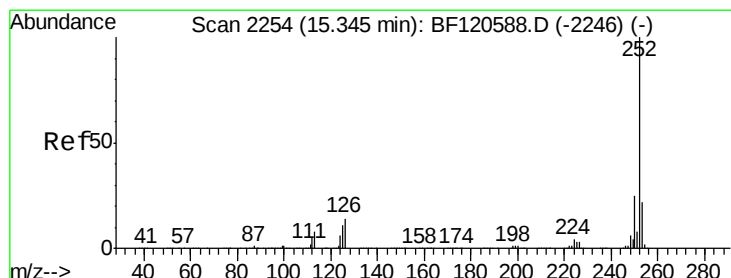
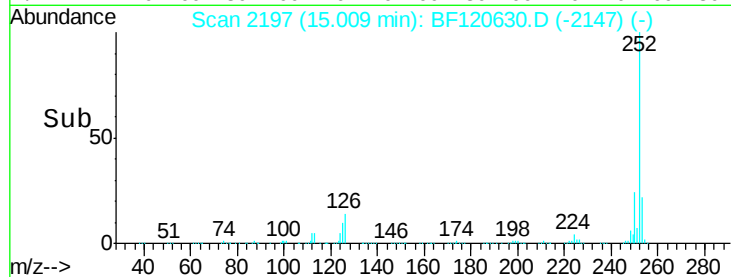
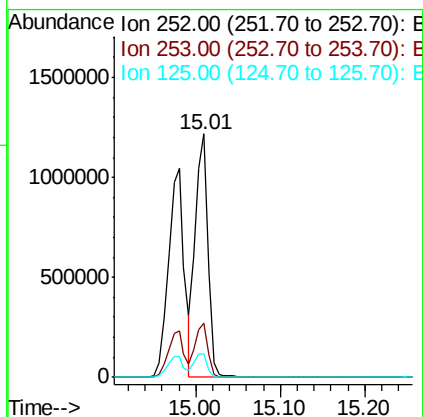
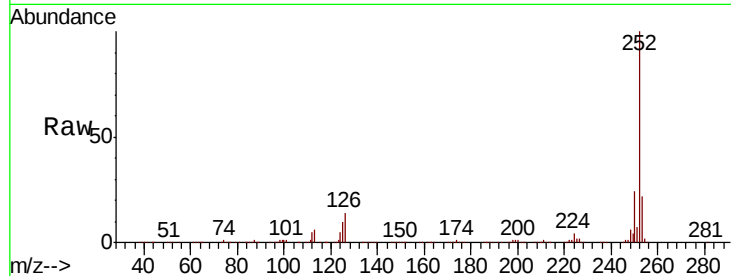
#89
Benzo(k)fluoranthene
Concen: 39.769 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.6	8.3	12.5

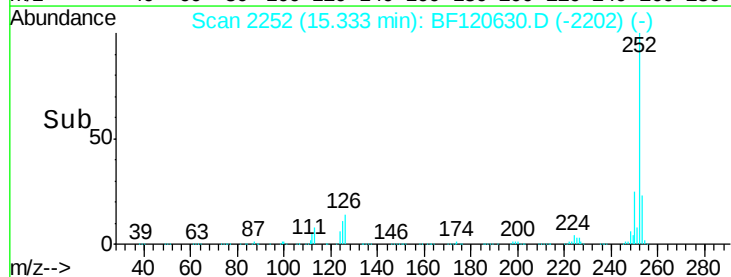
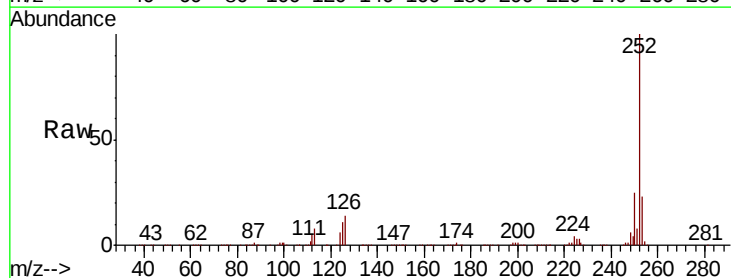
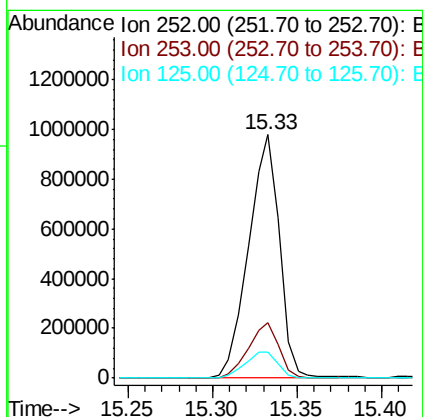
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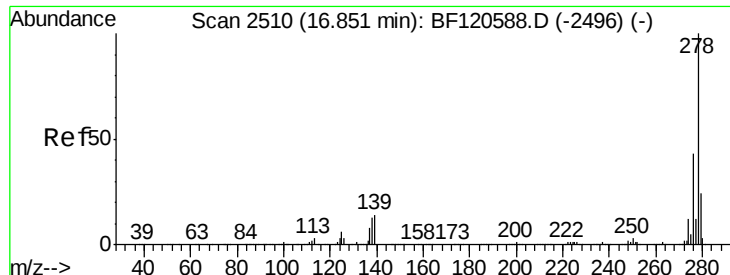
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#90
Benzo(a)pyrene
Concen: 39.371 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.8	8.6	12.8





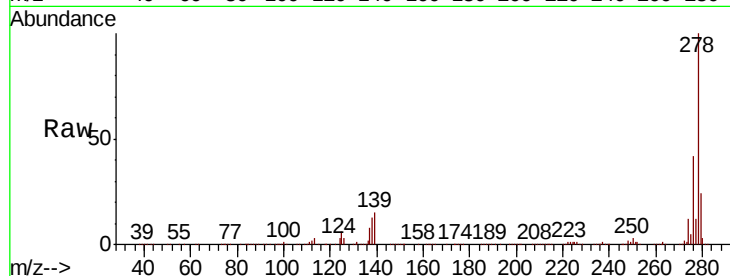
#91
Dibenzo(a,h)anthracene
Concen: 43.730 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

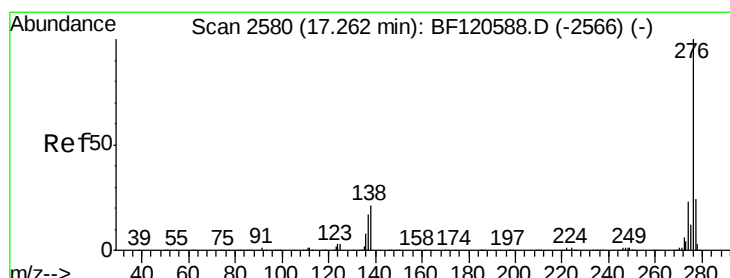
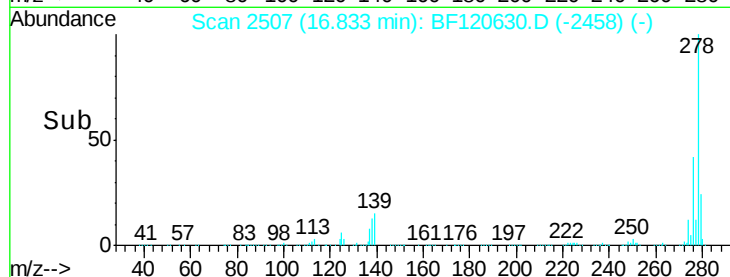
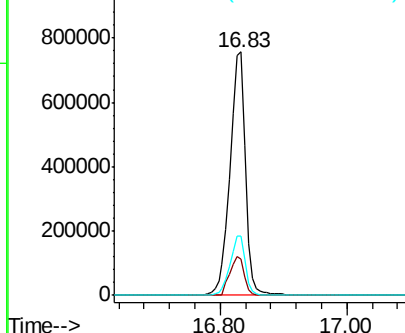
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.2
279	24.1	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/18/2020 11:51:57 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.314 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF120630.D
Acq: 16 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	21.6	16.5	24.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

