

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118455.D
 Acq On : 3 Jan 2020 12:08
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:43:45 AM

Quant Time: Jan 04 00:13:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	76238	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	347594	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	189445	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	347760	20.00	ng	0.00
76) Chrysene-d12	14.05	240	237774	20.00	ng	0.00
87) Perylene-d12	15.53	264	196682	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	337516	75.57	ng	0.00
7) Phenol-d6	6.49	99	432044	77.98	ng	0.00
23) Nitrobenzene-d5	7.42	82	483800	79.61	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	191358	81.79	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1033486	83.27	ng	0.00
79) Terphenyl-d14	12.98	244	1176125	82.06	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	59478	33.500	ng	95
3) Pyridine	3.33	79	162237	34.297	ng	96
4) n-Nitrosodimethylamine	3.30	42	90369	46.207	ng	# 76
6) Aniline	6.51	93	271802	38.634	ng	# 72
8) 2-Chlorophenol	6.64	128	197626	39.070	ng	99
9) Benzaldehyde	6.40	77	114556	35.266	ng	93
10) Phenol	6.50	94	241945	38.853	ng	75
11) bis(2-Chloroethyl)ether	6.59	93	170453	38.274	ng	99
12) 1,3-Dichlorobenzene	6.79	146	232920	39.982	ng	97
13) 1,4-Dichlorobenzene	6.86	146	236754	40.011	ng	97
14) 1,2-Dichlorobenzene	7.02	146	240973	43.135	ng	99
15) Benzyl Alcohol	7.00	79	191682	45.439	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	209374	44.058	ng	64
17) 2-Methylphenol	7.11	107	176286	43.451	ng	95
18) Hexachloroethane	7.36	117	98127	45.184	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	156805	45.942	ng	95
20) 3+4-Methylphenols	7.27	107	235169	45.290	ng	94
22) Acetophenone	7.26	105	330807	38.831	ng	# 92
24) Nitrobenzene	7.44	77	240120	39.442	ng	99
25) Isophorone	7.67	82	405795	38.313	ng	97
26) 2-Nitrophenol	7.76	139	125240	38.839	ng	93
27) 2,4-Dimethylphenol	7.79	122	166828	37.919	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	265191	38.284	ng	100
29) 2,4-Dichlorophenol	8.00	162	194297	38.369	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	232903	39.483	ng	99
31) Naphthalene	8.16	128	697867	39.501	ng	100
32) Benzoic acid	7.95	122	116475	33.320	ng	96
33) 4-Chloroaniline	8.21	127	296403	39.136	ng	99
34) Hexachlorobutadiene	8.27	225	142787	40.664	ng	99
35) Caprolactam	8.59	113	62394m	39.466	ng	
36) 4-Chloro-3-methylphenol	8.70	107	220687	40.591	ng	96
37) 2-Methylnaphthalene	8.85	142	488020	40.346	ng	98
38) 1-Methylnaphthalene	8.95	142	471204	41.348	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	226157	39.732	ng	99

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Instrument :
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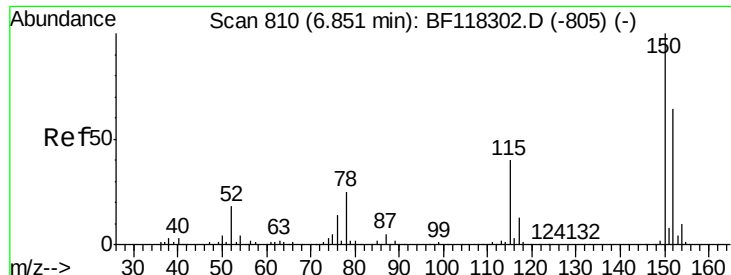
Manual Integrations
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 1/6/2020 11:43:45 AM

Quant Time: Jan 04 00:13:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	63518	32.545	nq	100
43) 2,4,6-Trichlorophenol	9.14	196	142477	37.468	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	145767	37.263	nq	98
46) 1,1'-Biphenyl	9.32	154	615295	41.063	nq	99
47) 2-Chloronaphthalene	9.35	162	490022	40.633	nq	98
48) 2-Nitroaniline	9.45	65	143650	42.172	nq	93
49) Acenaphthylene	9.76	152	742328	41.504	nq	100
50) Dimethylphthalate	9.62	163	569697	40.062	nq	99
51) 2,6-Dinitrotoluene	9.69	165	123658	40.334	nq	90
52) Acenaphthene	9.93	154	435361	39.962	nq	99
53) 3-Nitroaniline	9.86	138	140536	39.056	nq	91
54) 2,4-Dinitrophenol	9.98	184	56378	39.292	nq	97
55) Dibenzofuran	10.10	168	670495	41.652	nq	95
56) 4-Nitrophenol	10.04	139	106760	48.060	nq	97
57) 2,4-Dinitrotoluene	10.10	165	171964	41.977	nq	# 76
58) Fluorene	10.45	166	546841	42.082	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	127156	38.257	nq	98
60) Diethylphthalate	10.32	149	587900	41.789	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	274757	42.355	nq	97
62) 4-Nitroaniline	10.48	138	152462	40.785	nq	92
63) Azobenzene	10.60	77	512016	42.490	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	72719	38.762	nq	92
66) n-Nitrosodiphenylamine	10.56	169	468914	42.072	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	171010	42.019	nq	93
68) Hexachlorobenzene	11.00	284	204510	42.691	nq	98
69) Atrazine	11.09	200	138588	40.288	nq	98
70) Pentachlorophenol	11.20	266	90461	43.602	nq	98
71) Phenanthrene	11.42	178	763293	40.262	nq	98
72) Anthracene	11.47	178	749673	39.507	nq	99
73) Carbazole	11.63	167	673008	39.970	nq	99
74) Di-n-butylphthalate	11.95	149	860374	40.299	nq	99
75) Fluoranthene	12.62	202	765365	40.003	nq	99
77) Benzdine	12.73	184	228476	35.068	nq	99
78) Pyrene	12.84	202	817350	42.095	nq	100
80) Butylbenzylphthalate	13.45	149	381499	43.637	nq	96
81) Benzo(a)anthracene	14.04	228	676690	40.658	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	229160	40.609	nq	98
83) Chrysene	14.07	228	658240	41.304	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	468587	40.761	nq	100
85) Di-n-octyl phthalate	14.62	149	695559	41.133	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	516490	38.036	nq	99
88) Benzo(b)fluoranthene	15.10	252	568746	43.563	nq	99
89) Benzo(k)fluoranthene	15.13	252	480825	38.356	nq	99
90) Benzo(a)pyrene	15.47	252	451658	39.271	nq	97
91) Dibenzo(a,h)anthracene	17.06	278	426934	42.777	nq	99
92) Benzo(g,h,i)perylene	17.50	276	382981	39.724	nq	99

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



#1

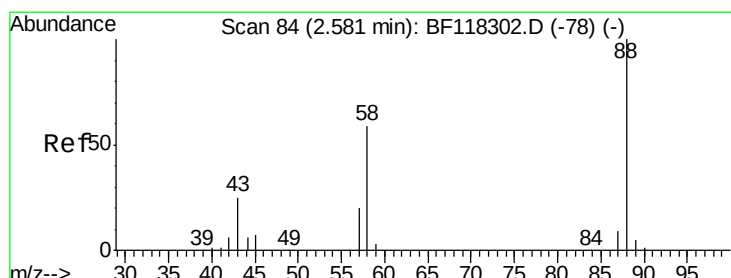
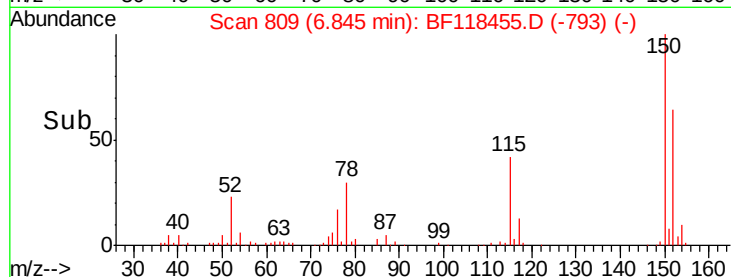
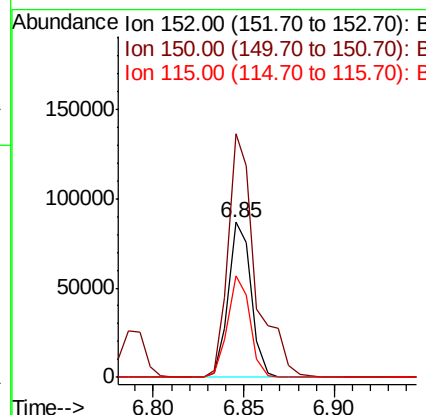
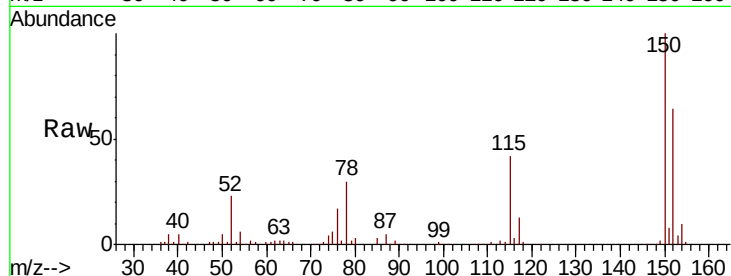
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.4	188.2
115	65.7	50.2	75.4

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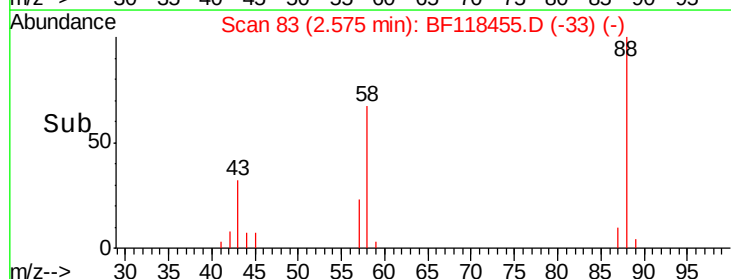
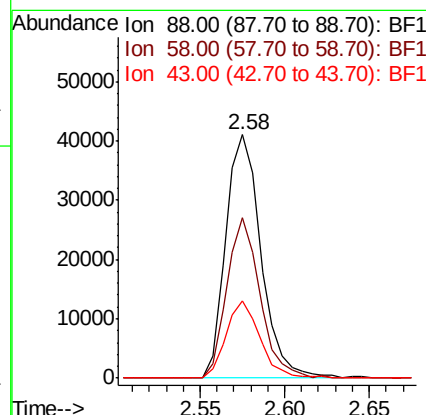
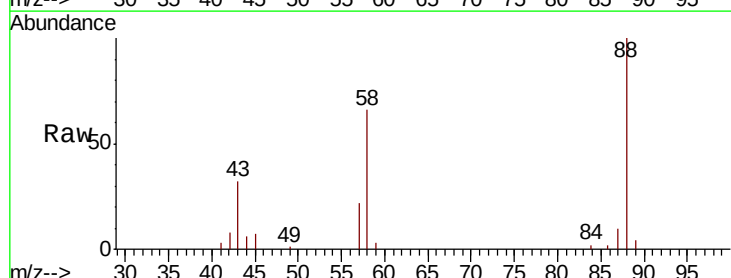
mohammad
1/6/2020 11:43:45 AM

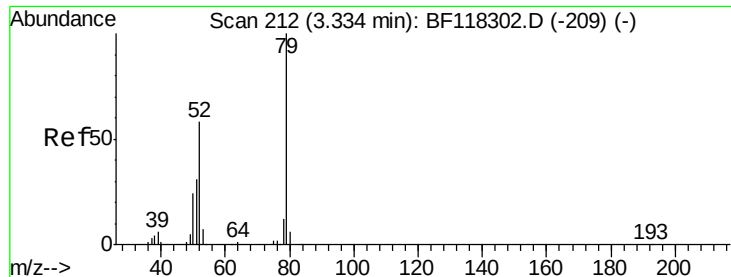


#2

1,4-Dioxane
Concen: 33.500 ng
RT: 2.58 min Scan# 83
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	47.6	71.4
43	30.7	20.6	30.8





#3

Pvridine

Concen: 34.297 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

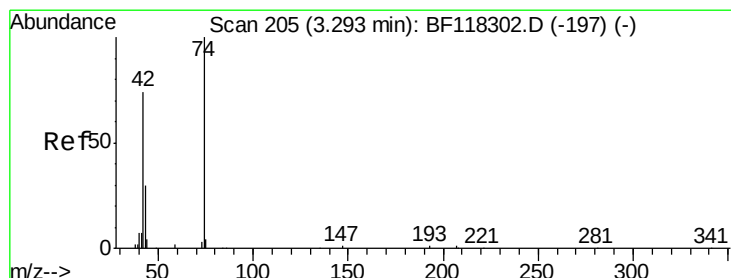
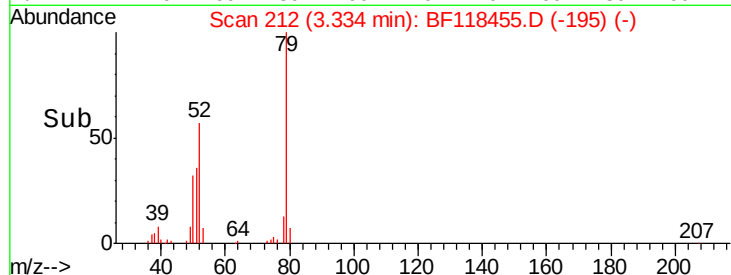
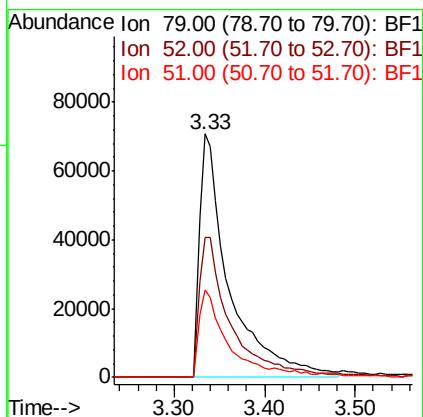
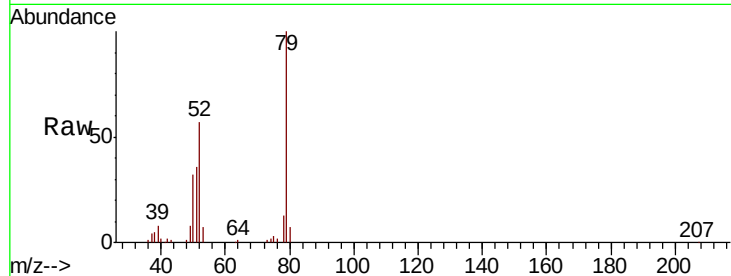
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		162237		
52	57.3	46.4	69.6		
51	35.8	24.9	37.3		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.207 ng

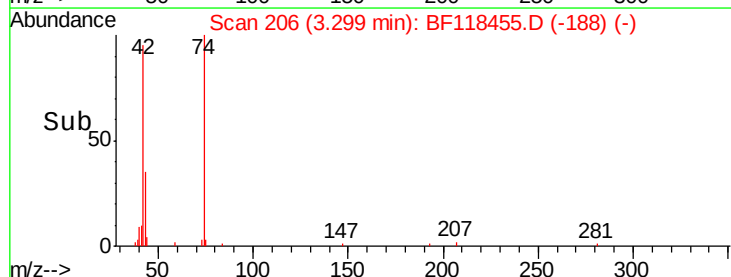
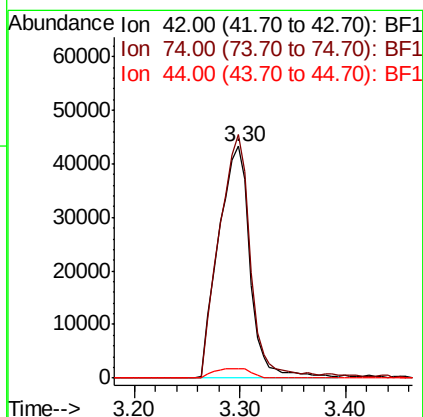
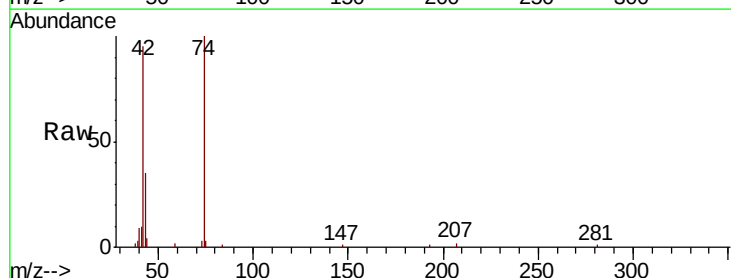
RT: 3.30 min Scan# 206

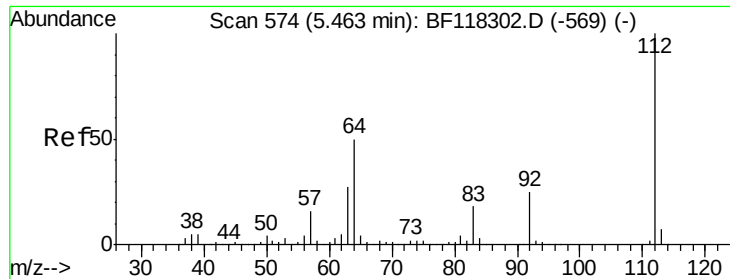
Delta R.T. 0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		90369		
74	105.1	107.7	161.5#		
44	4.1	4.8	7.2#		





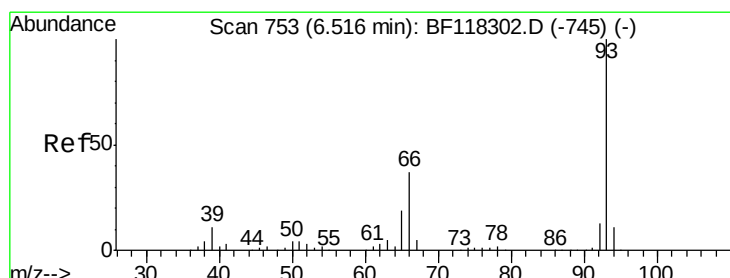
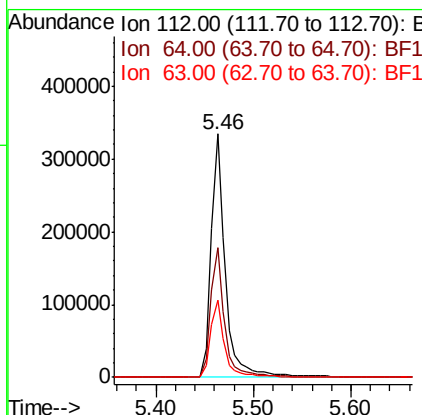
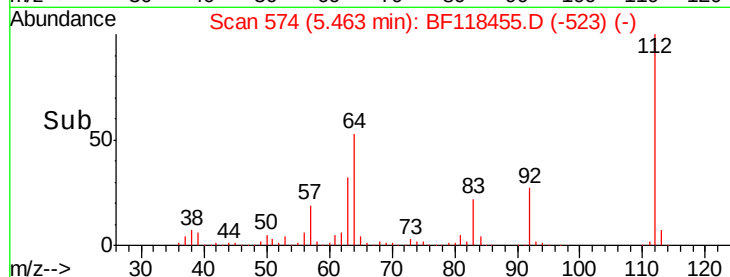
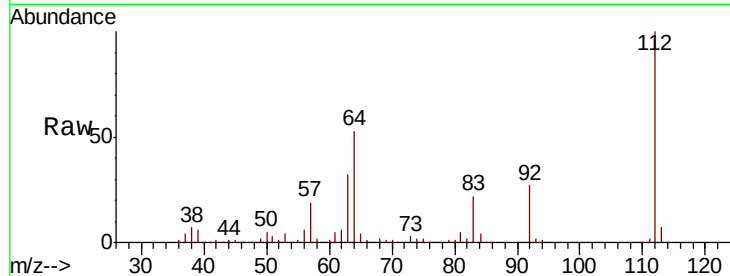
#5
2-Fluorophenol
Concen: 75.571 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	337516		
64	53.4	39.7	59.5	
63	31.8	21.7	32.5	

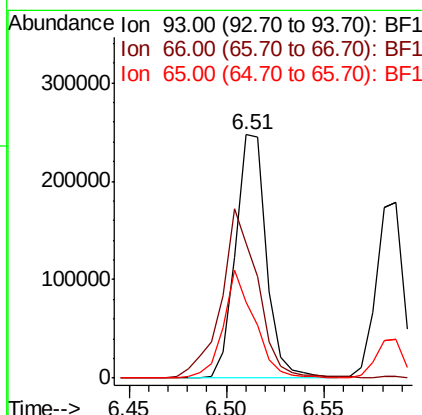
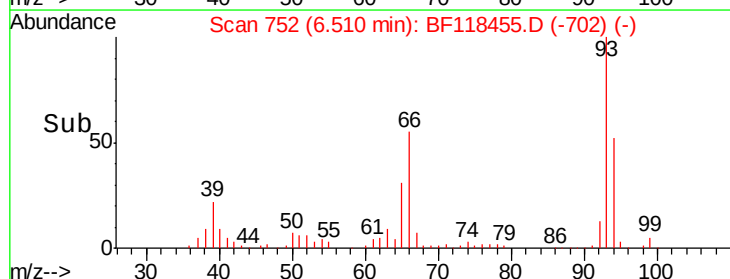
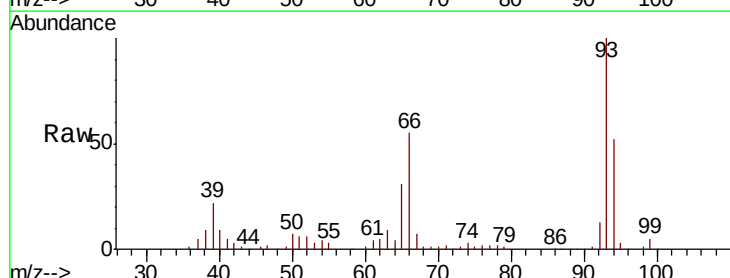
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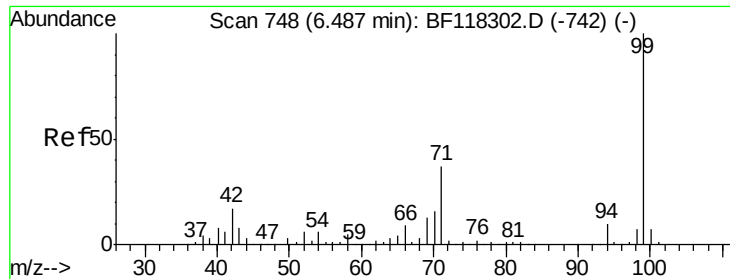
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#6
Aniline
Concen: 38.634 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	271802		
66	55.3	30.2	45.4#	
65	31.2	15.7	23.5#	





#7

Phenol-d6

Concen: 77.980 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

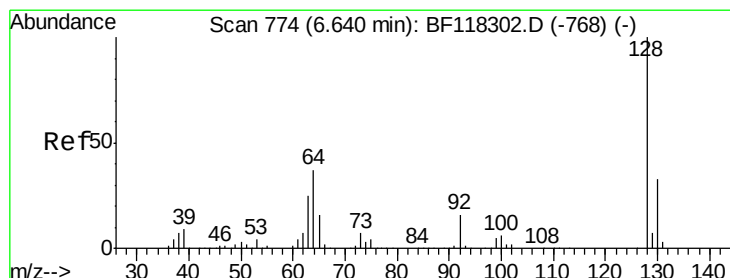
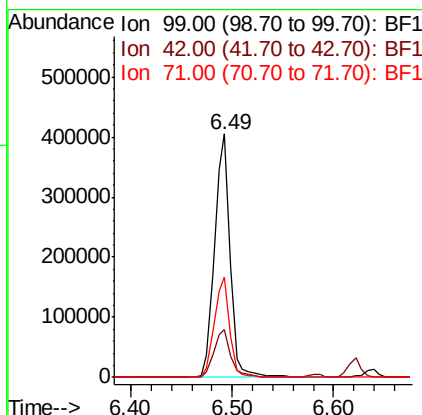
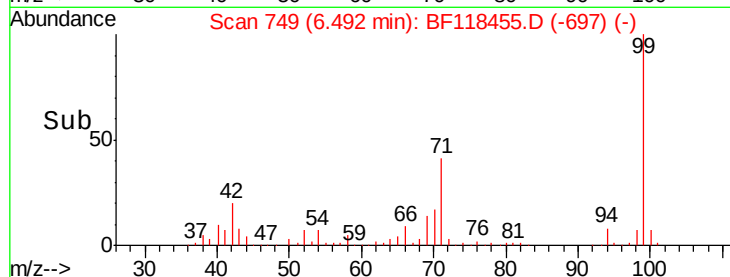
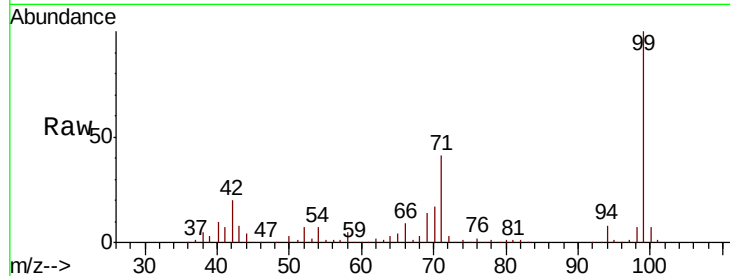
ClientSampled :

SSTDCCC040

Tot Ion:	99	Resp:	432044
Ion	Ratio	Lower	Upper
99	100		
42	19.7	13.5	20.3
71	41.2	29.4	44.2

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#8

2-Chlorophenol

Concen: 39.070 ng

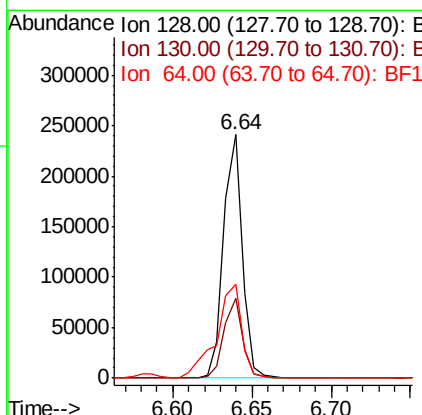
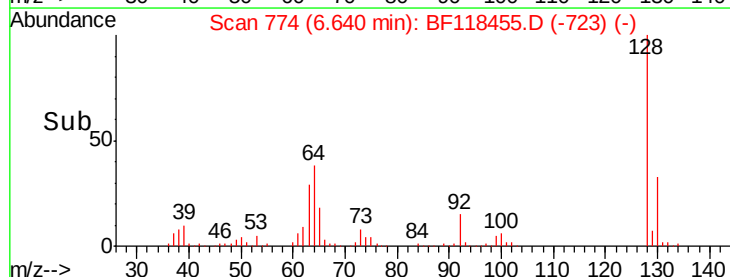
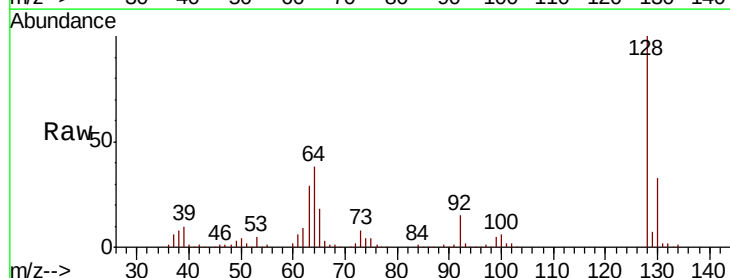
RT: 6.64 min Scan# 774

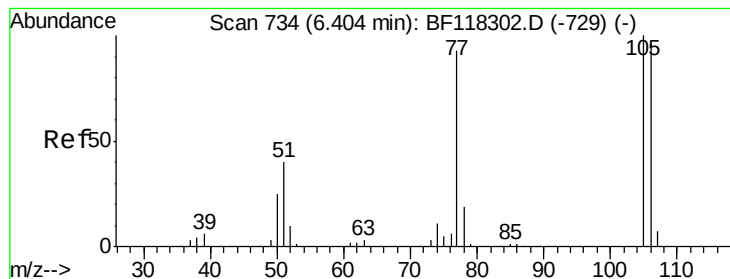
Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Tgt Ion:	128	Resp:	197626
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.2	53.2
64	38.3	17.7	57.7





#9

Benzaldehyde

Concen: 35.266 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

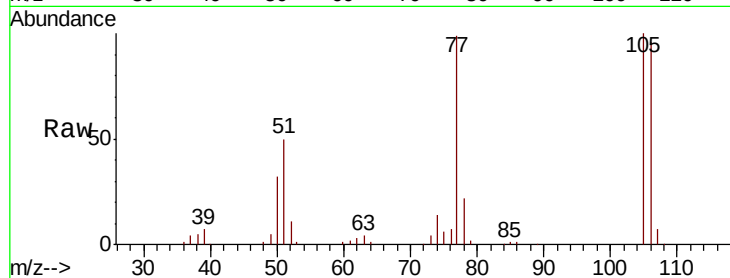
ClientSampleId :

SSTDCCC040

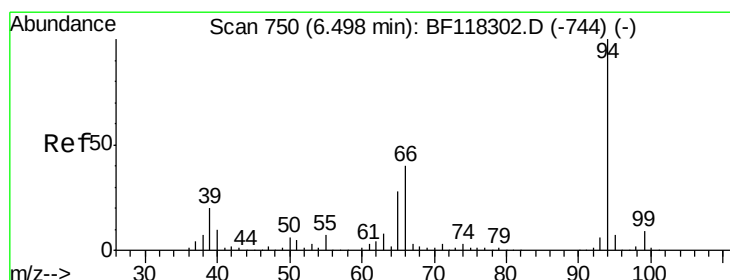
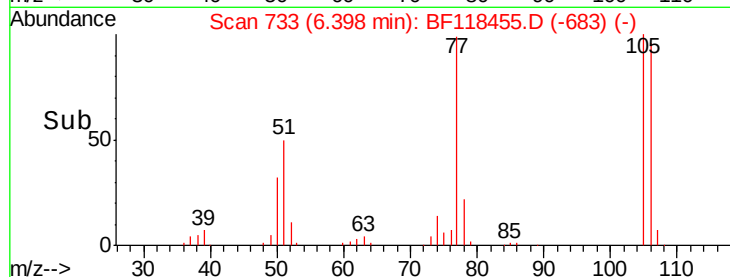
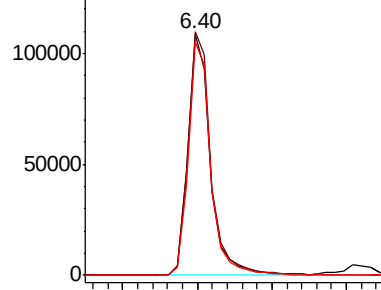
Tot Ion:	77	Resp:	114556
Ion	Ratio	Lower	Upper
77	100		
105	101.0	87.5	127.5
106	96.6	83.6	123.6

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.853 ng

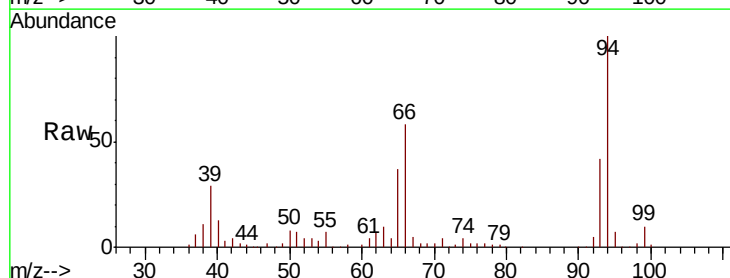
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

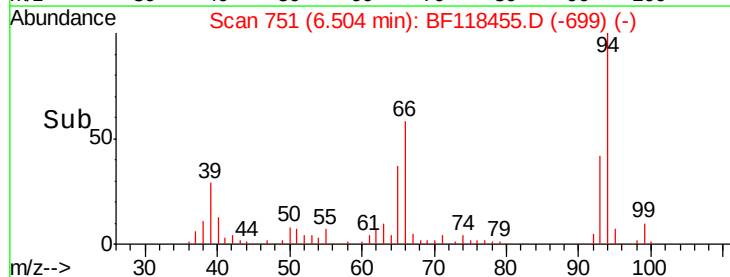
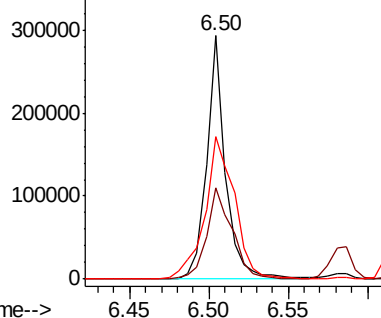
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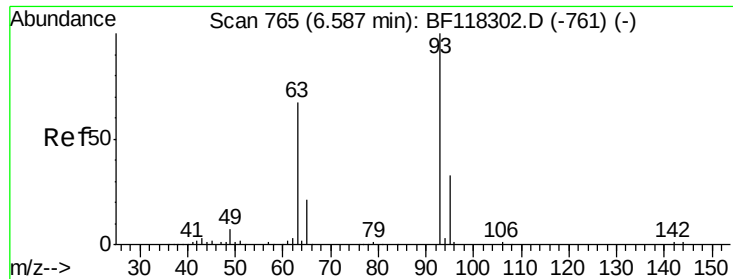
Acq: 3 Jan 2020 12:08

Tgt Ion:	94	Resp:	241945
Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.8	47.8
66	58.5	20.4	60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





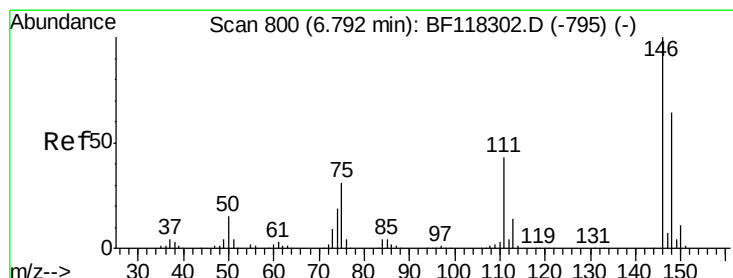
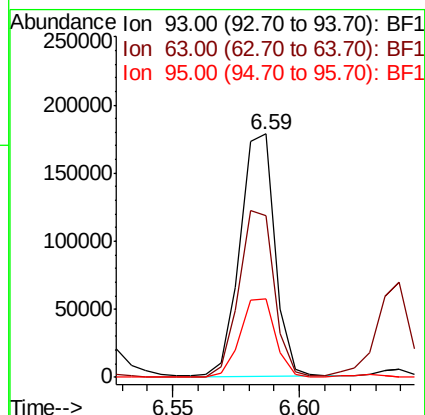
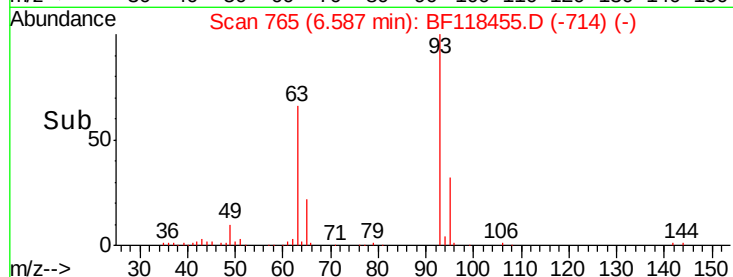
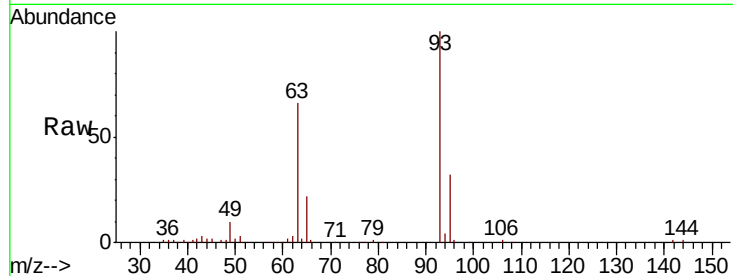
#11
bis(2-Chloroethyl)ether
Concen: 38.274 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	170453
Ion Ratio	Lower	Upper	
93	100		
63	66.3	47.0	87.0
95	32.2	12.8	52.8

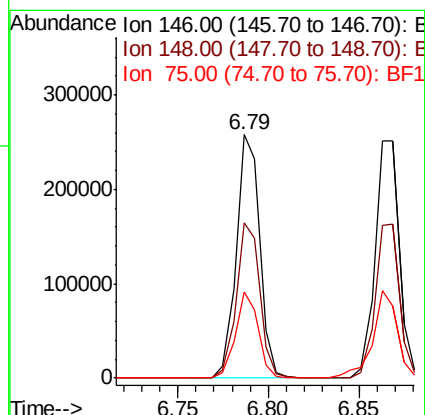
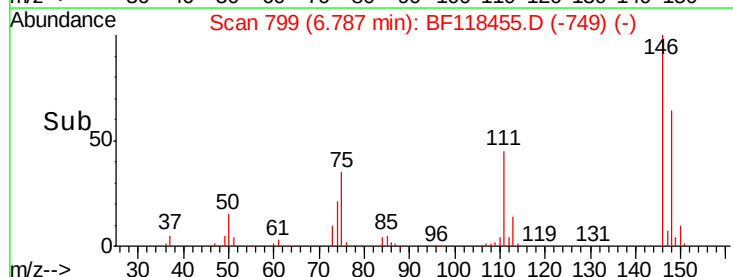
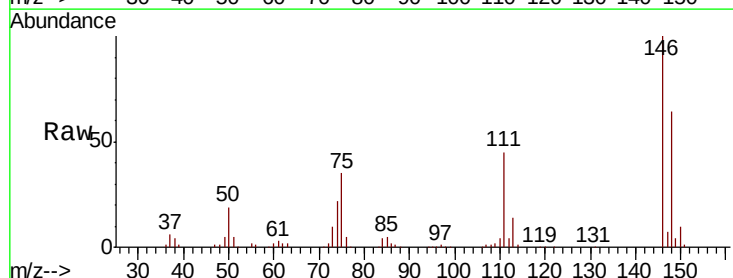
Manual Integrations
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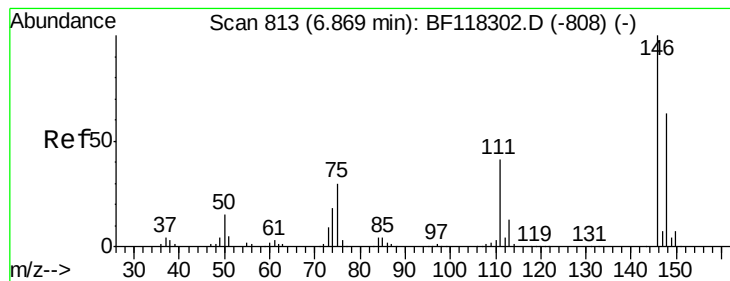
mohammad
1/6/2020 11:43:45 AM



#12
1,3-Dichlorobenzene
Concen: 39.982 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion:	146	Resp:	232920
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.0
75	35.4	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 40.011 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

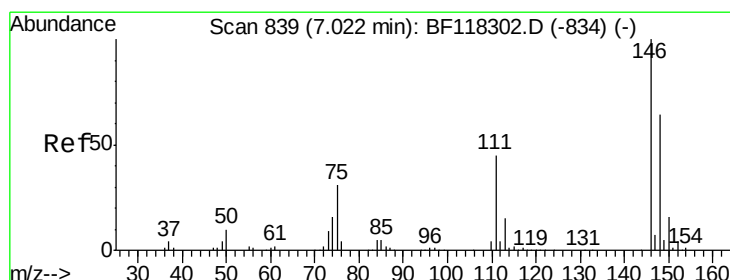
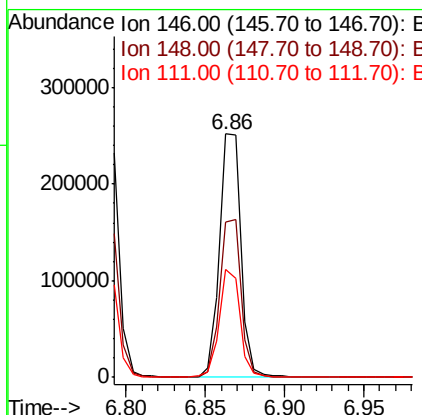
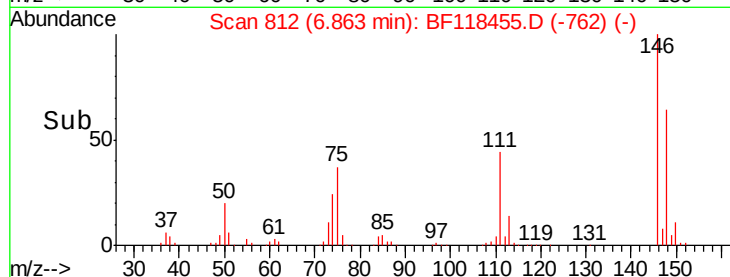
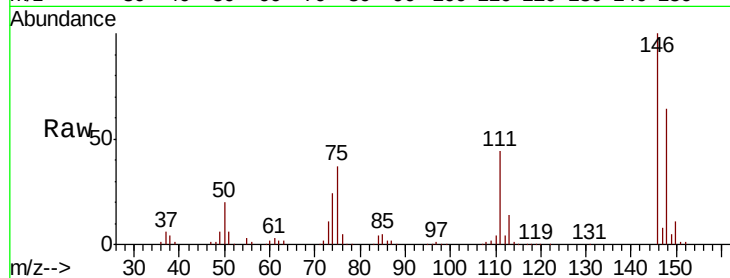
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	236754
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.3	75.5
111	44.2	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 43.135 ng

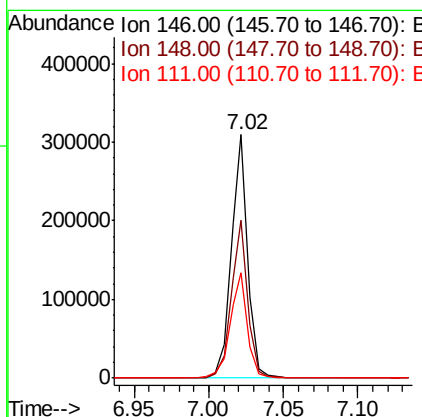
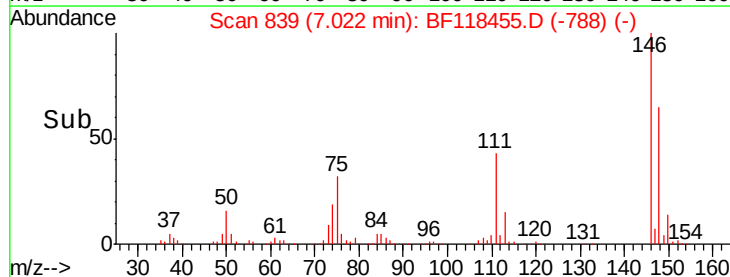
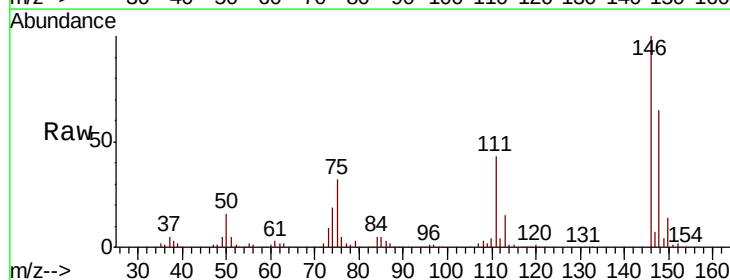
RT: 7.02 min Scan# 839

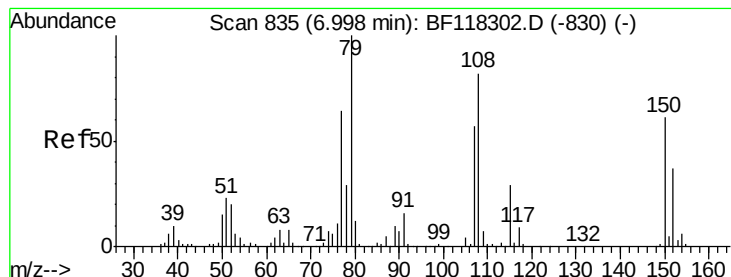
Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Tgt Ion:	146	Resp:	240973
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
111	43.5	35.7	53.5





#15

Benzyl Alcohol

Concen: 45.439 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

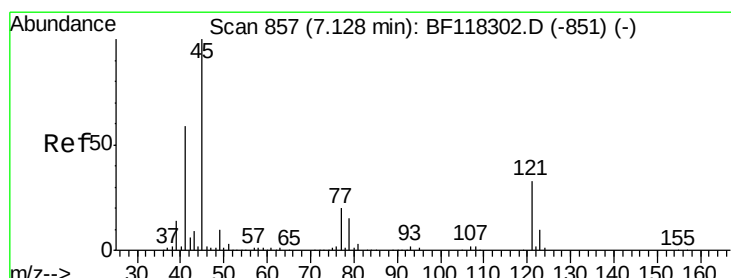
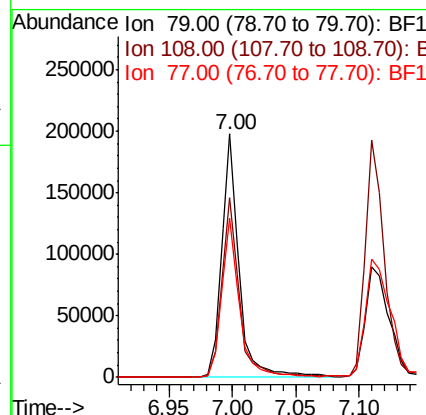
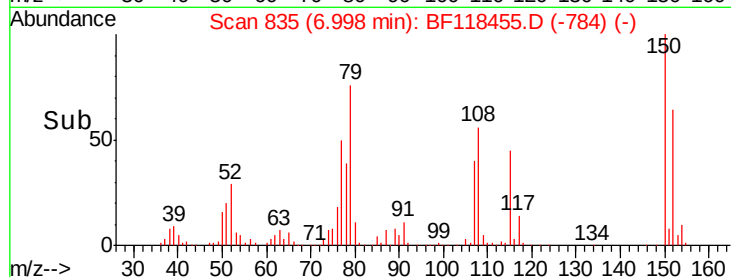
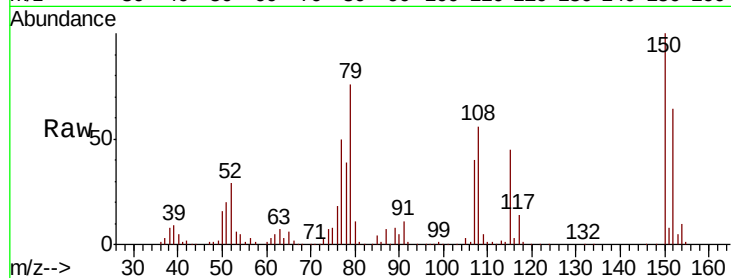
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	191682
Ion Ratio	Lower	Upper	
79	100		
108	73.7	65.4	98.0
77	65.6	51.4	77.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.058 ng

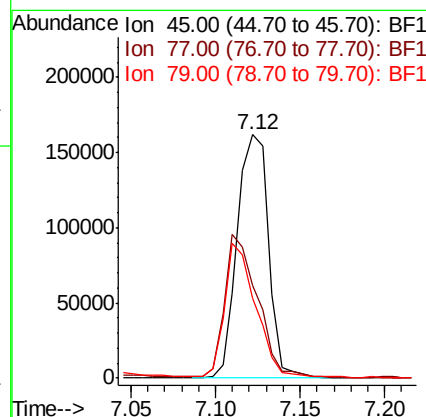
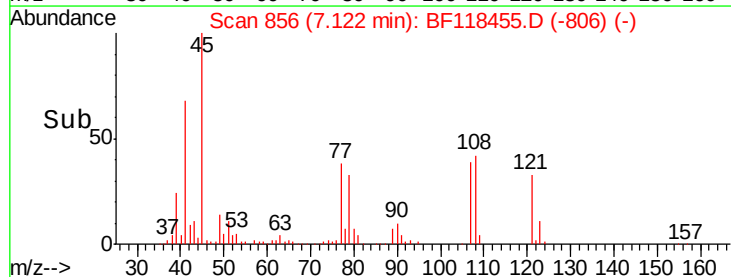
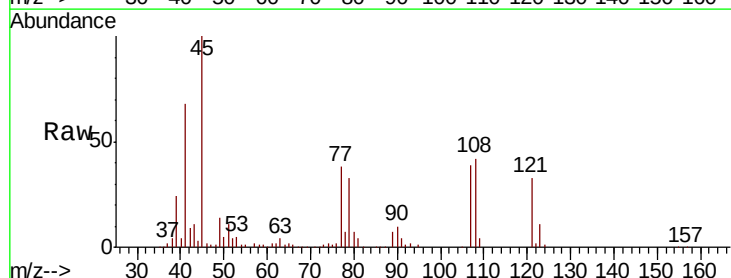
RT: 7.12 min Scan# 856

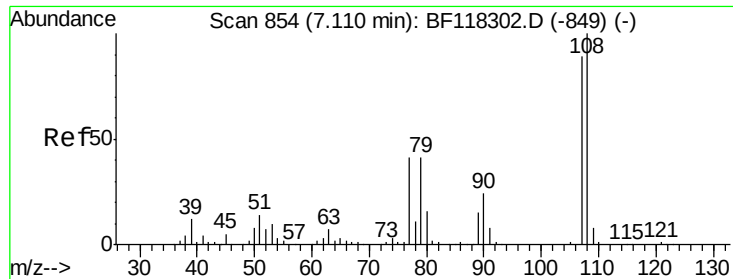
Delta R.T. -0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Tgt Ion:	45	Resp:	209374
Ion Ratio	Lower	Upper	
45	100		
77	38.2	1.2	41.2
79	32.6	0.0	37.0





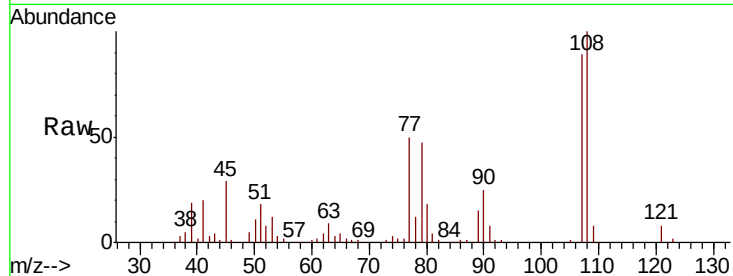
#17
2-Methylphenol
Concen: 43.451 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.7	134.5
77	55.6	37.2	55.8
79	52.2	36.7	55.1

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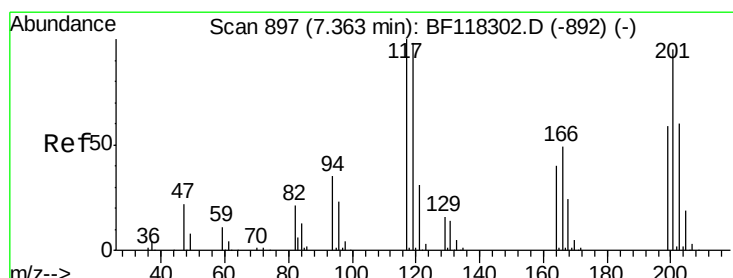
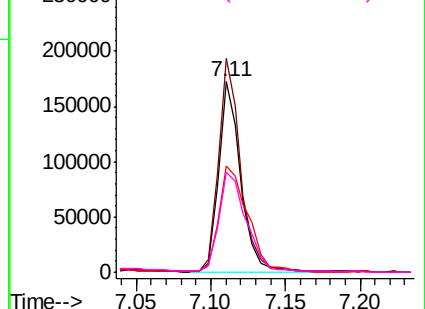
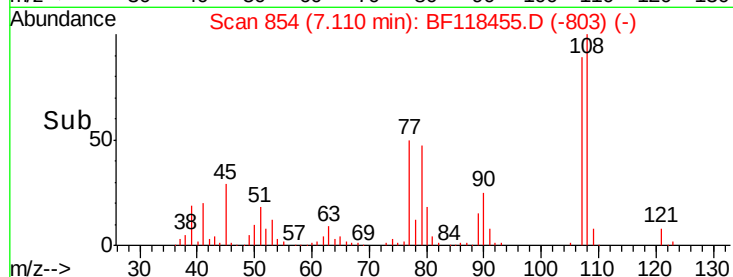
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

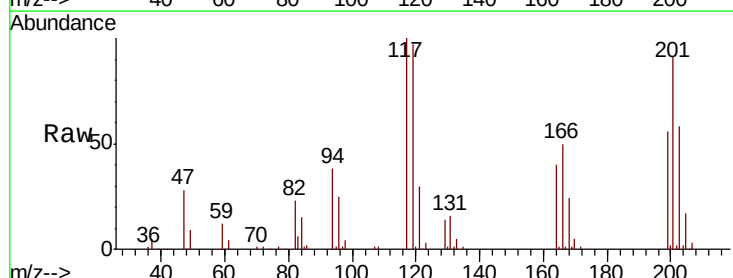
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.184 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.0	117.0
201	91.5	76.2	114.2

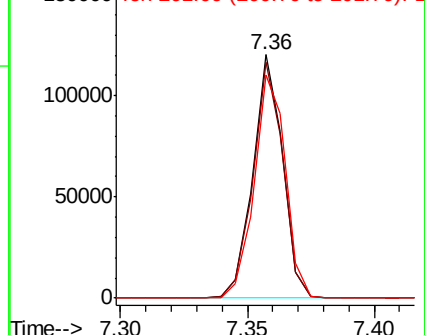
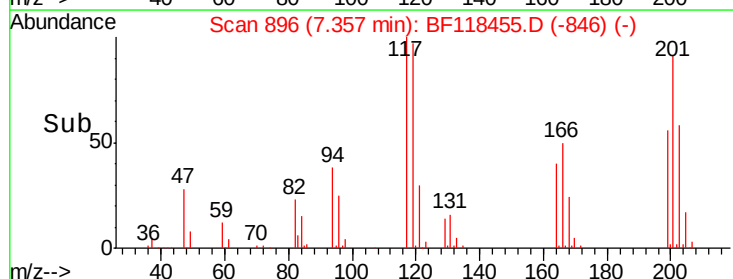


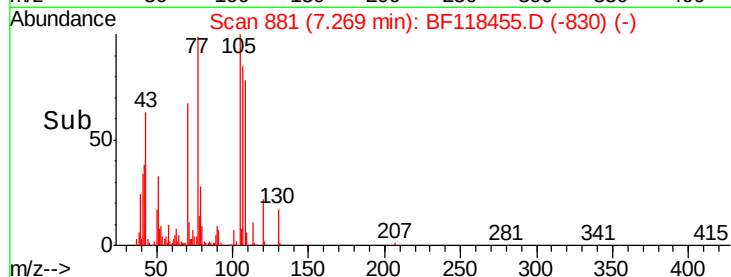
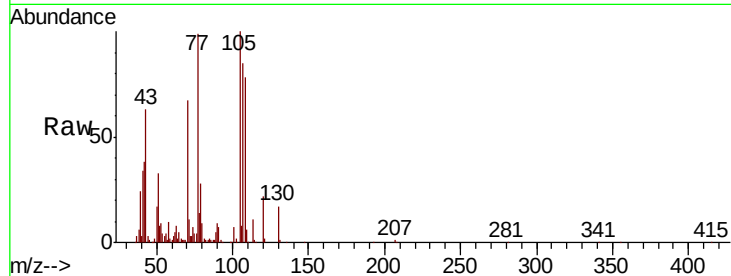
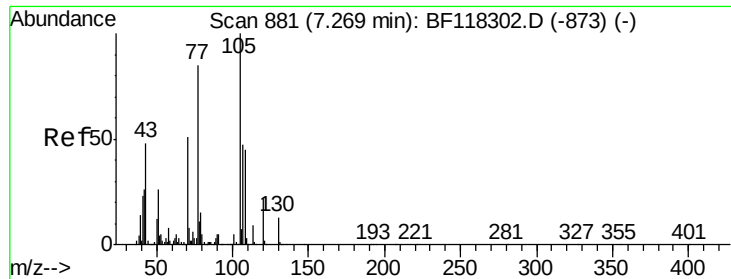
Abundance

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





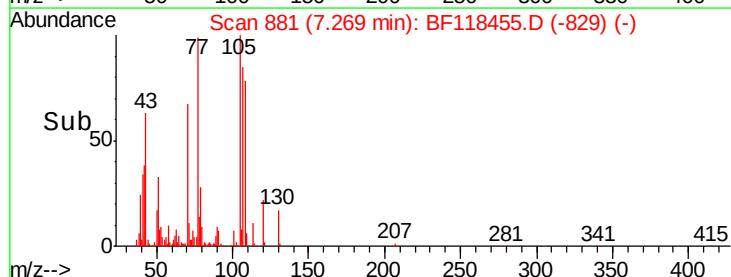
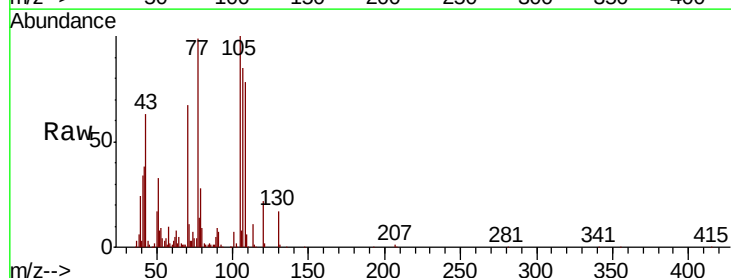
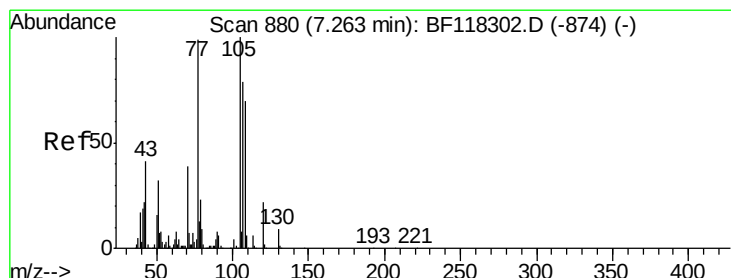
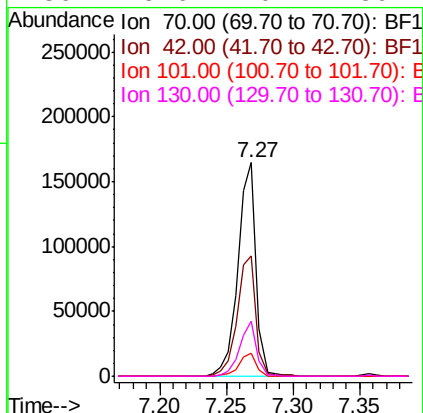
#19
n-Nitroso-di-n-propylamine
Concen: 45.942 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	41.1	61.7
101	10.5	8.3	12.5
130	25.6	20.1	30.1

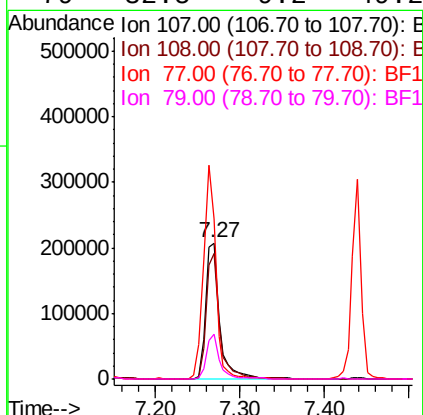
Manual Integrations
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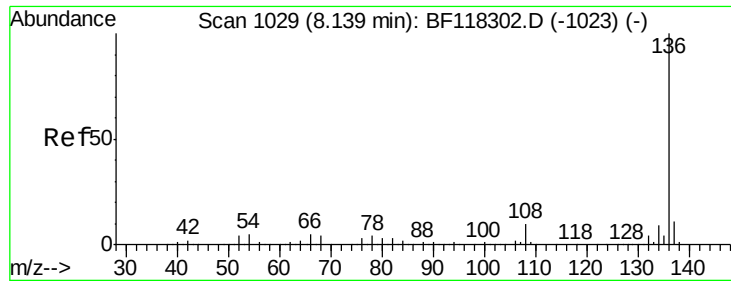
mohammad
1/6/2020 11:43:45 AM



#20
3+4-Methylphenols
Concen: 45.290 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.3	109.3
77	117.5	105.9	145.9
79	32.5	9.2	49.2





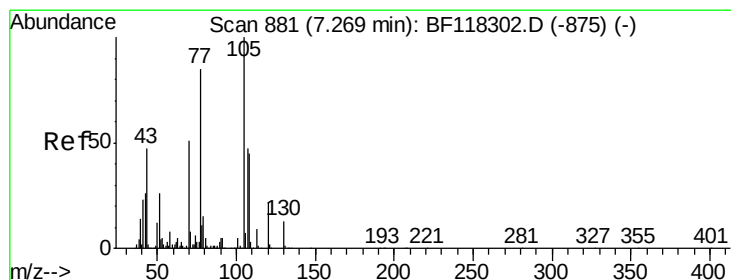
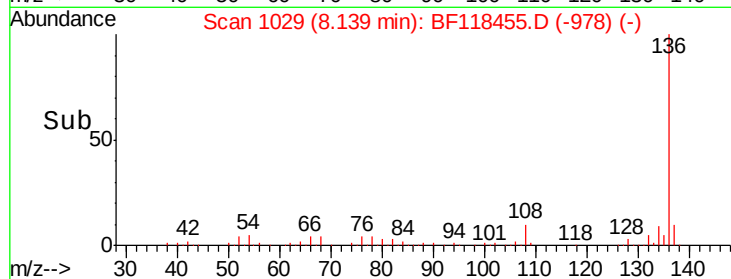
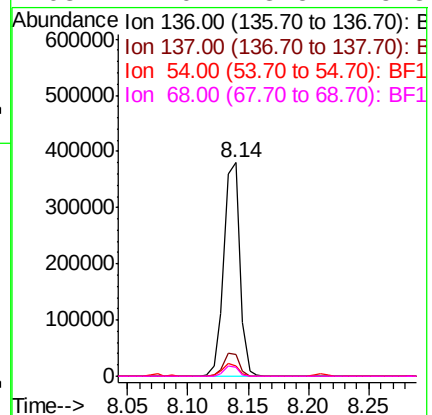
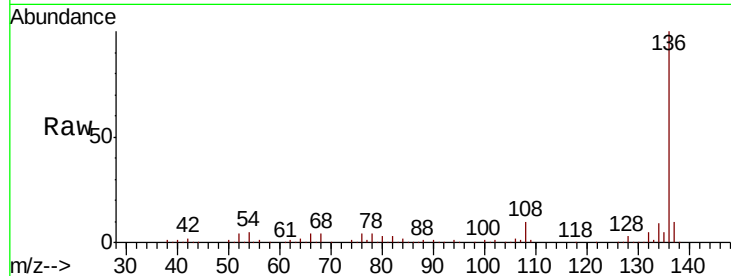
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	347594		
137	10.4	8.9	13.3	
54	5.0	4.2	6.4	
68	4.0	3.5	5.3	

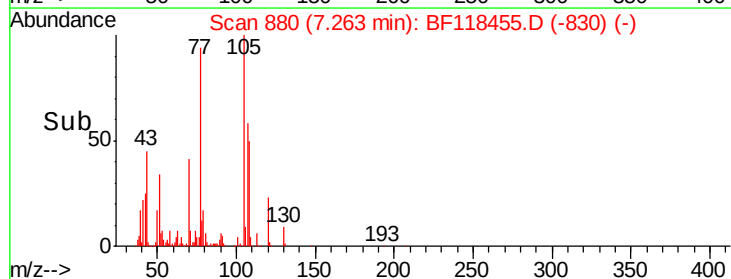
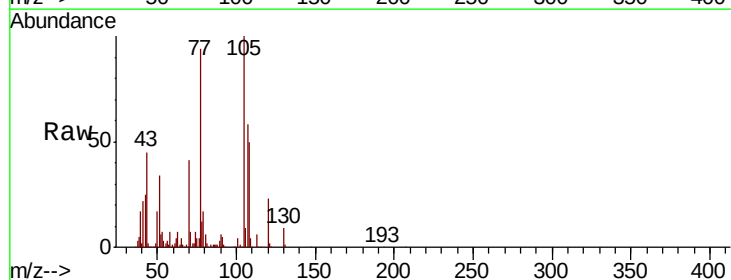
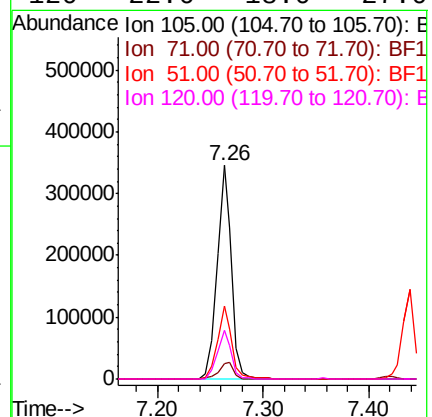
Manual Integrations
APPROVED

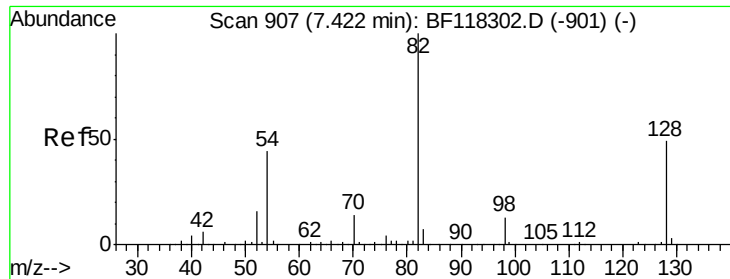
mohammad
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#22
Acetophenone
Concen: 38.831 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330807		
71	7.3	6.6	9.8	
51	34.0	20.6	30.8	
120	22.6	18.0	27.0	





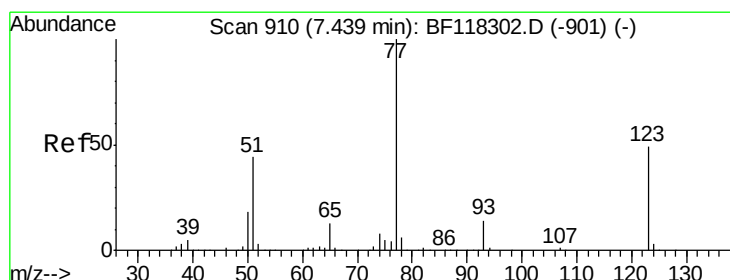
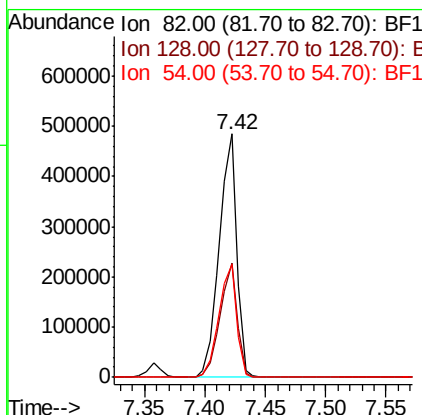
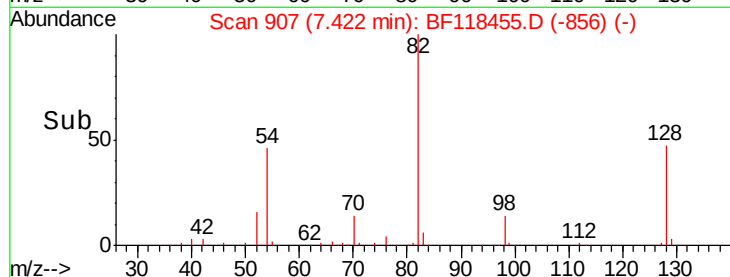
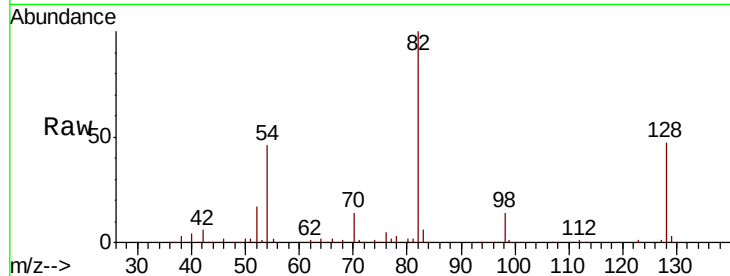
#23
Nitrobenzene-d5
Concen: 79.607 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	39.6	59.4
54	46.2	34.9	52.3

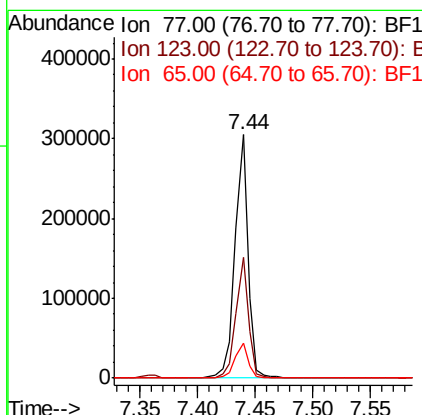
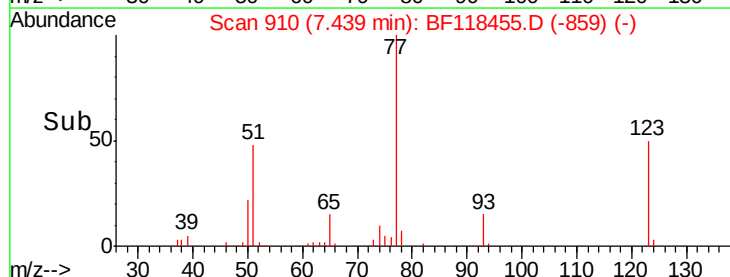
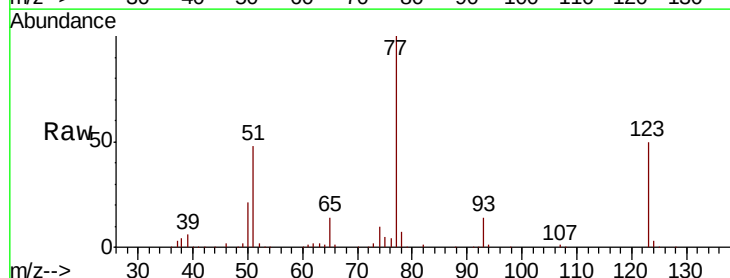
Manual Integrations
APPROVED

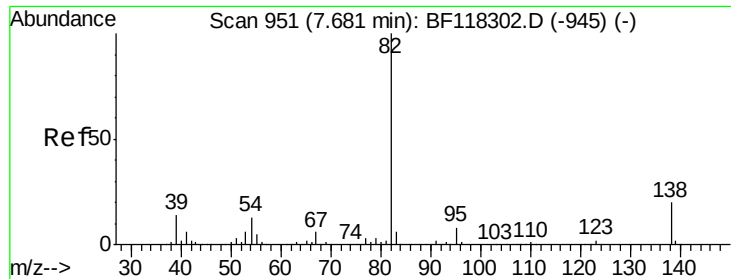
mohammad
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#24
Nitrobenzene
Concen: 39.442 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	39.1	58.7
65	14.4	10.6	16.0





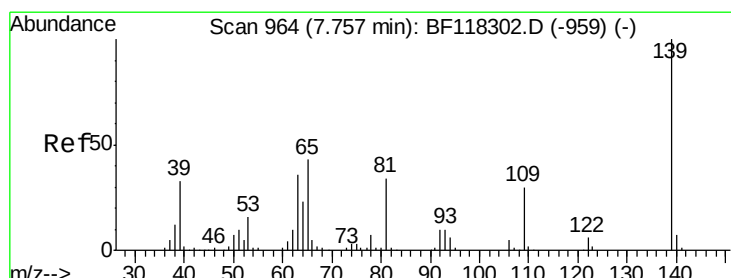
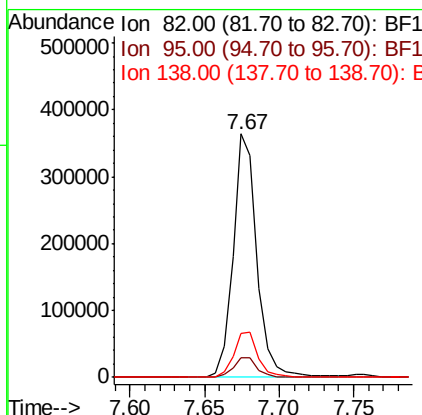
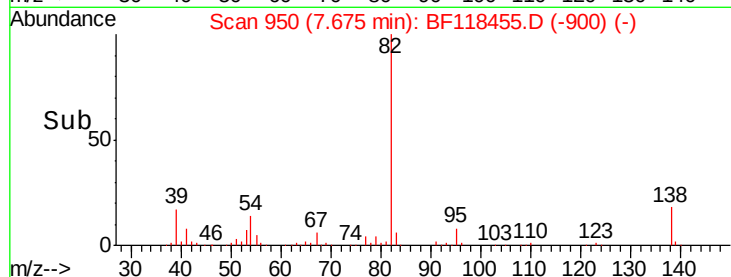
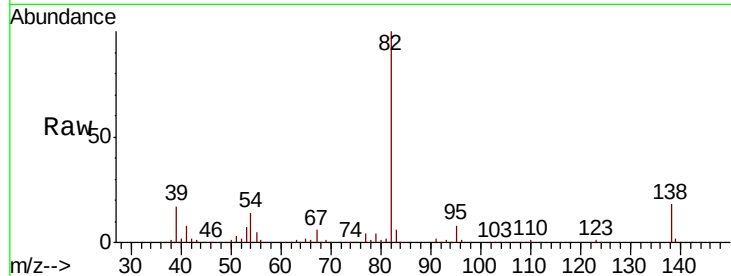
#25
Isophorone
Concen: 38.313 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	6.3	9.5	
138	18.1	16.2	24.2	

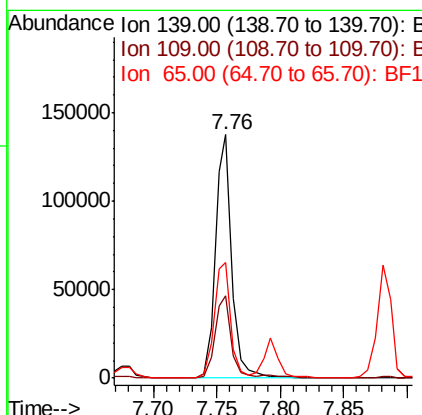
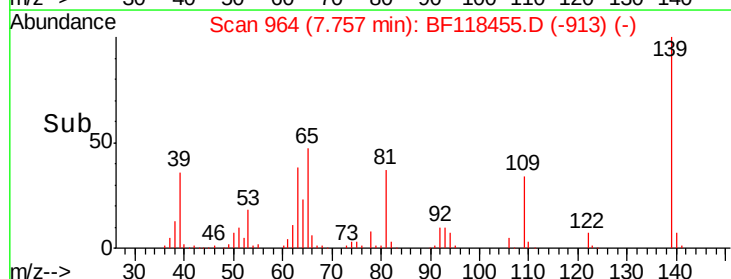
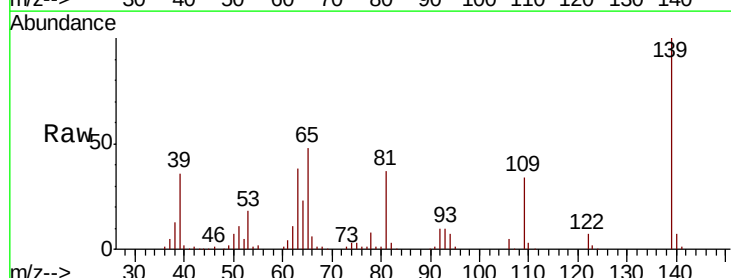
Manual Integrations
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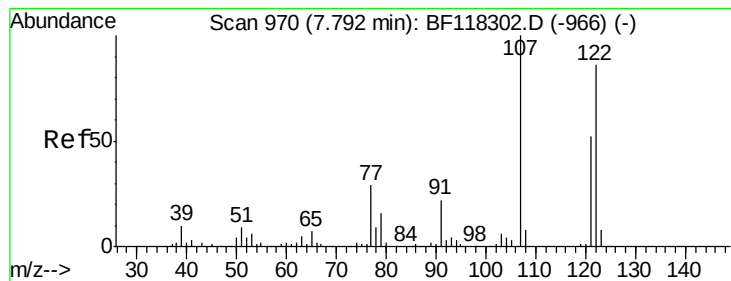
mohammad
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#26
2-Nitrophenol
Concen: 38.839 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	33.7	24.1	36.1	
65	47.6	34.6	52.0	





#27

2,4-Dimethylphenol

Concen: 37.919 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

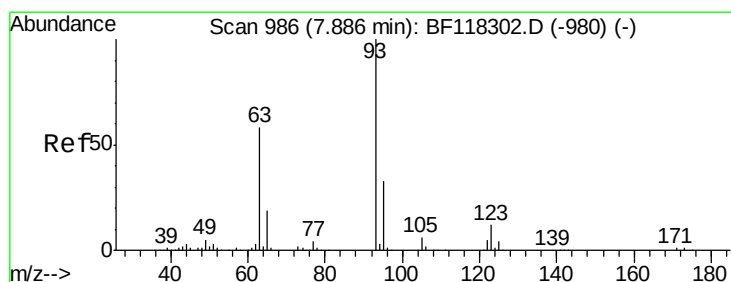
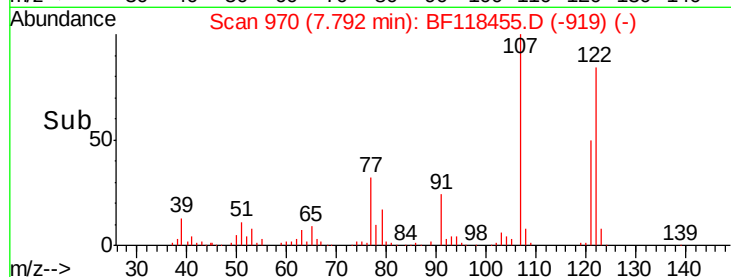
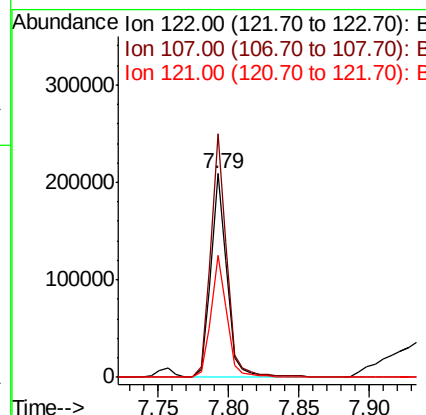
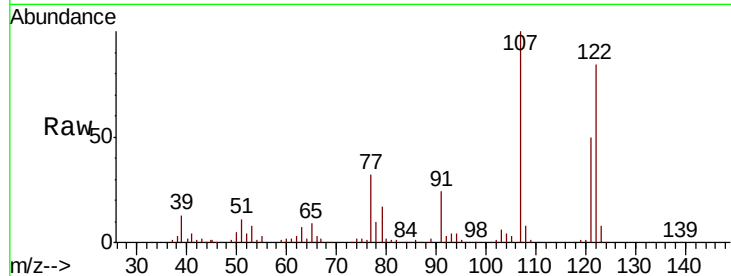
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	166828
Ion Ratio	Lower	Upper	
122	100		
107	119.5	92.9	139.3
121	59.7	47.9	71.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 38.284 ng

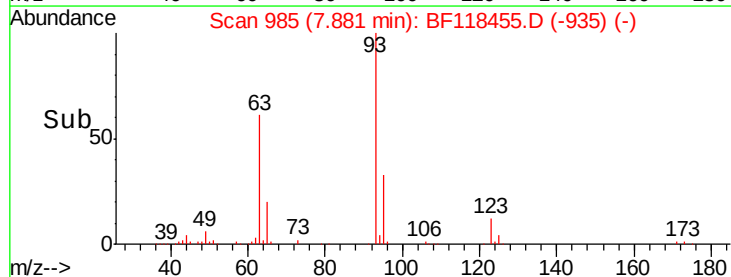
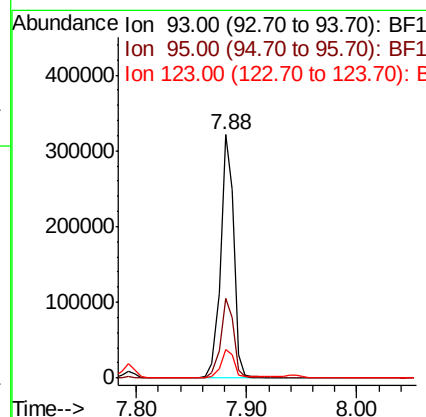
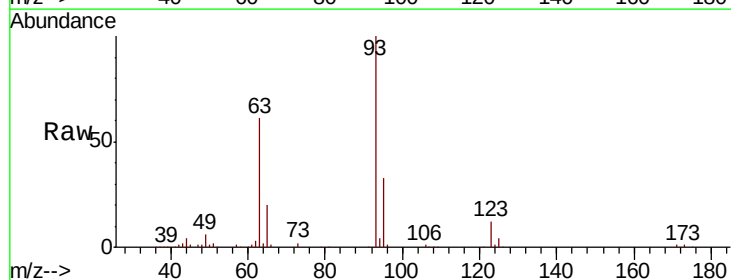
RT: 7.88 min Scan# 985

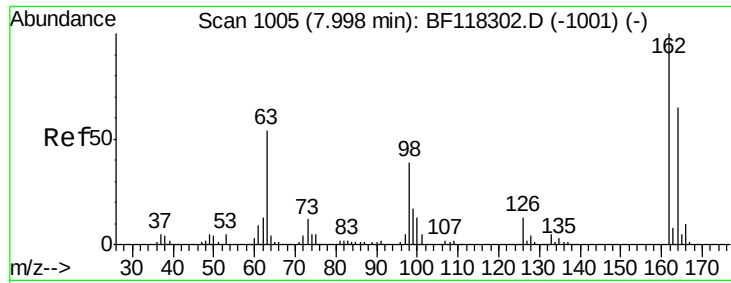
Delta R.T. -0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Tgt Ion:	93	Resp:	265191
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.2	39.4
123	11.7	9.8	14.8





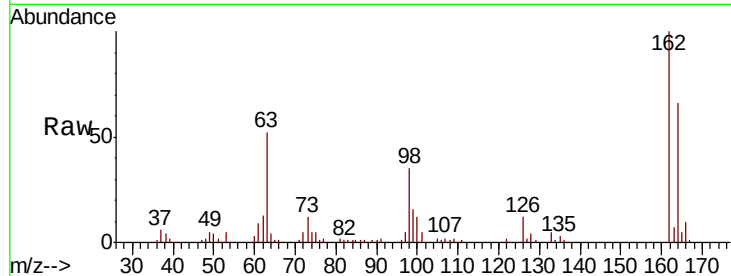
#29
2,4-Dichlorophenol
Concen: 38.369 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	194297		
164	65.9	45.1	85.1	
98	34.7	18.6	58.6	

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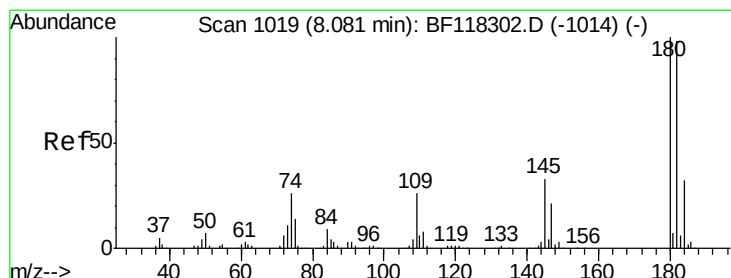
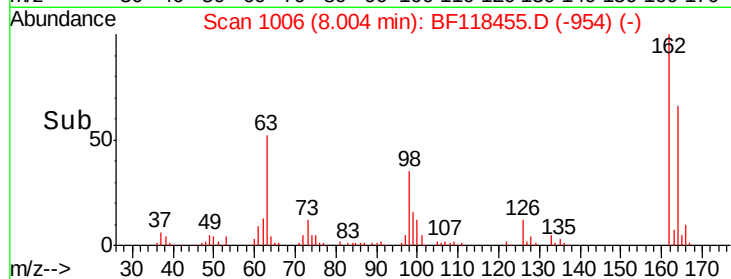
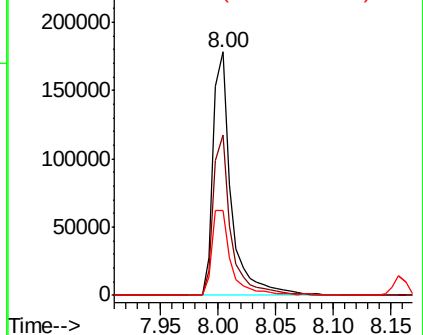


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.483 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

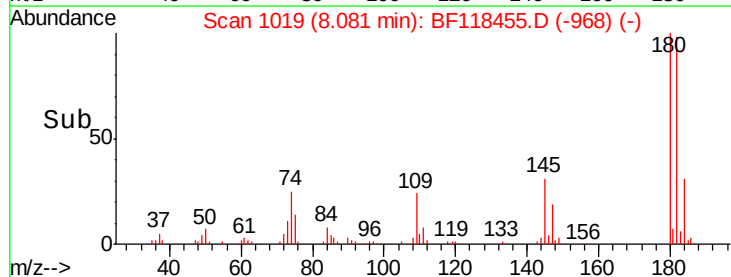
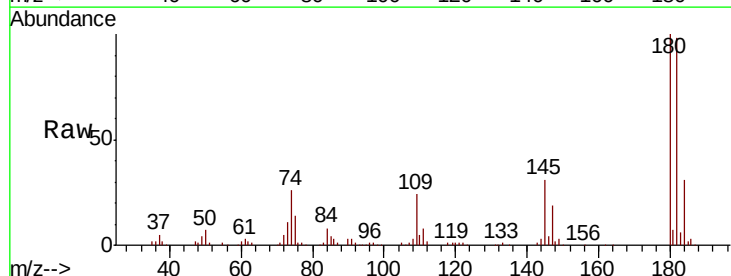
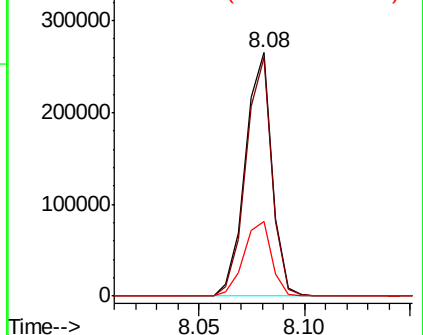
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232903		
182	98.2	78.3	117.5	
145	30.8	26.7	40.1	

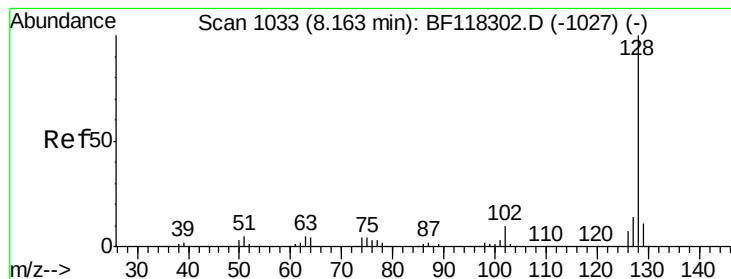
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.501 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

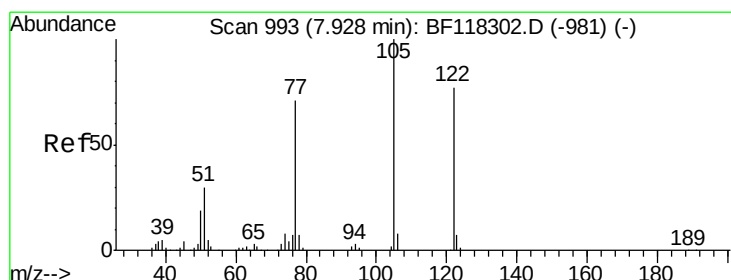
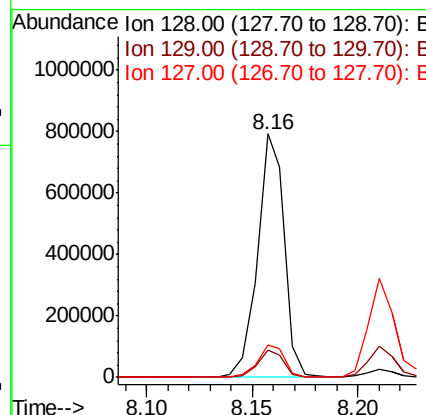
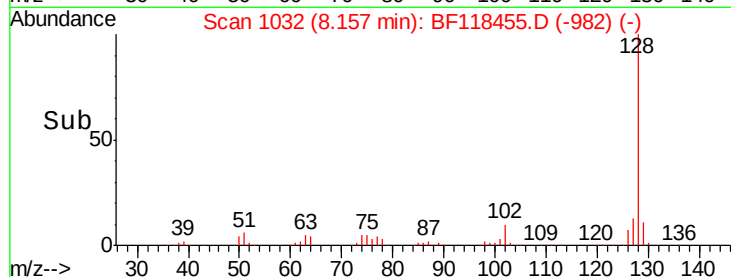
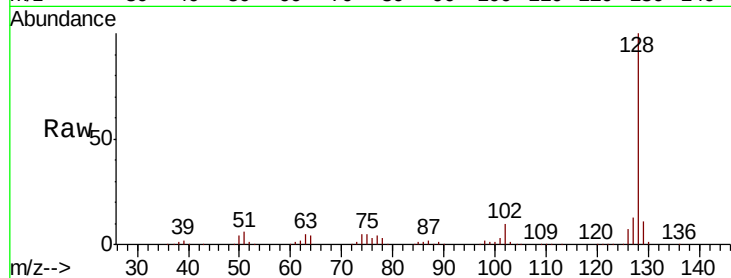
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	697867
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	13.5	11.0	16.4

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#32

Benzoic acid

Concen: 33.320 ng

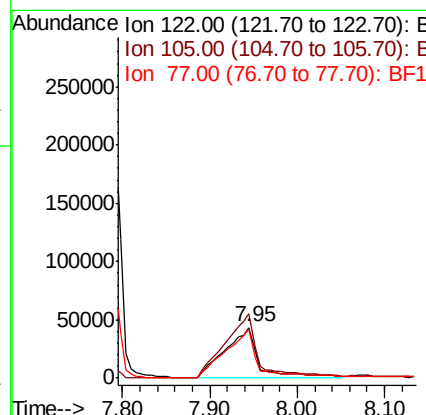
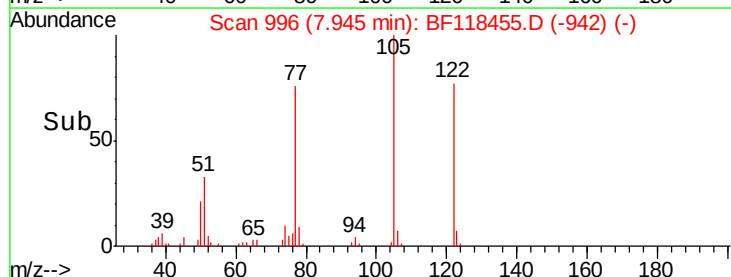
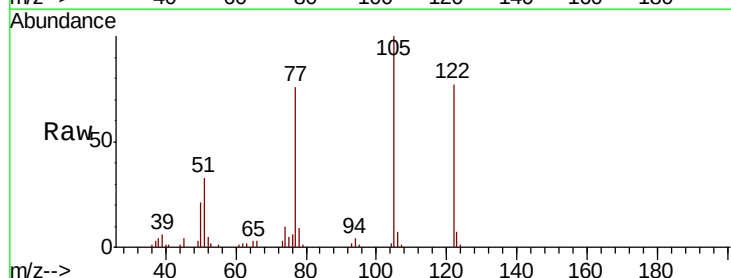
RT: 7.95 min Scan# 996

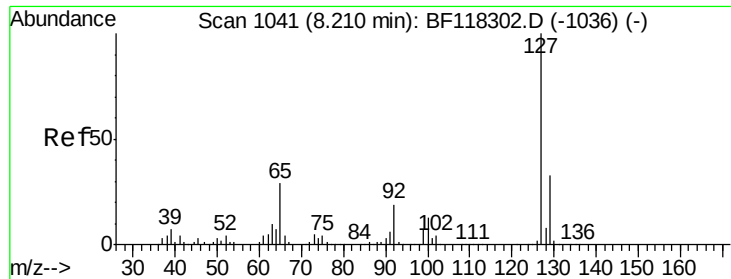
Delta R.T. 0.02 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Tgt Ion:	122	Resp:	116475
Ion Ratio	Lower	Upper	
122	100		
105	129.2	106.8	146.8
77	97.7	70.4	110.4





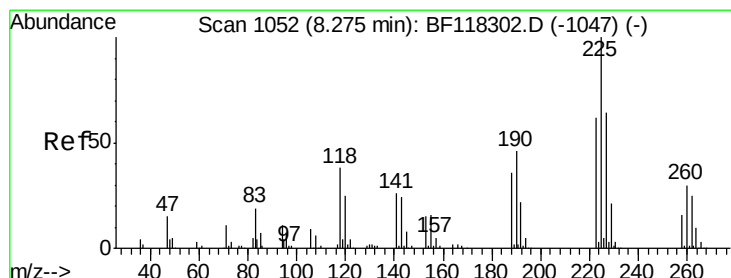
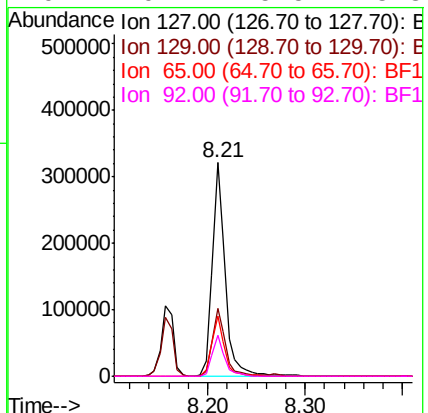
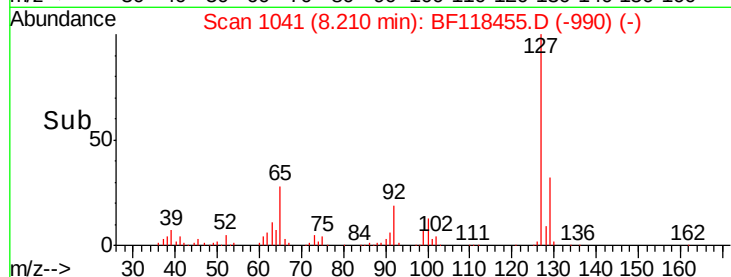
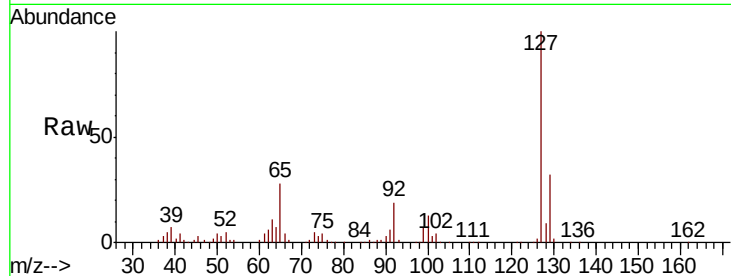
#33
4-Chloroaniline
Concen: 39.136 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.5	39.7	
65	28.5	22.8	34.2	
92	19.4	15.5	23.3	

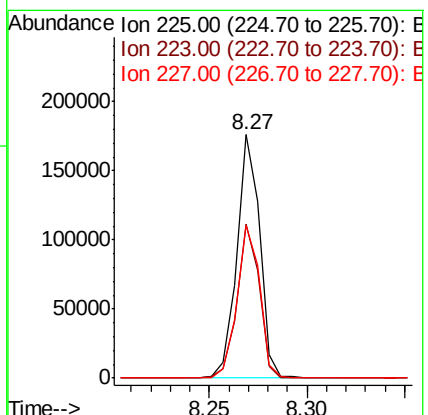
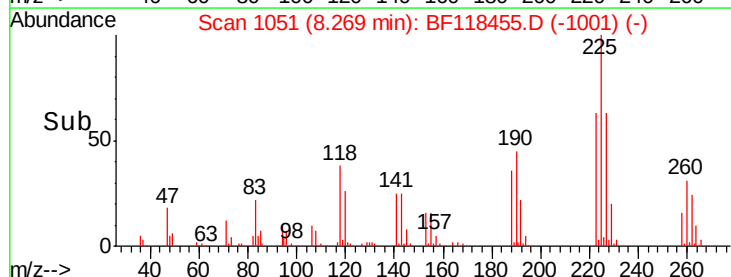
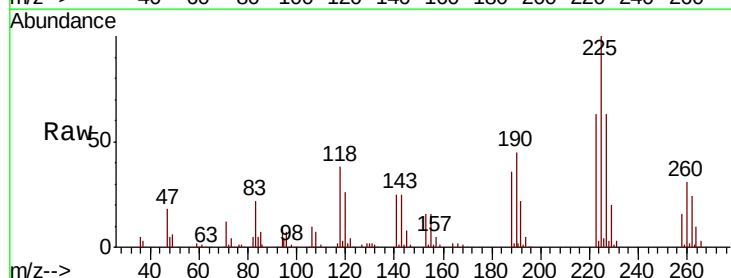
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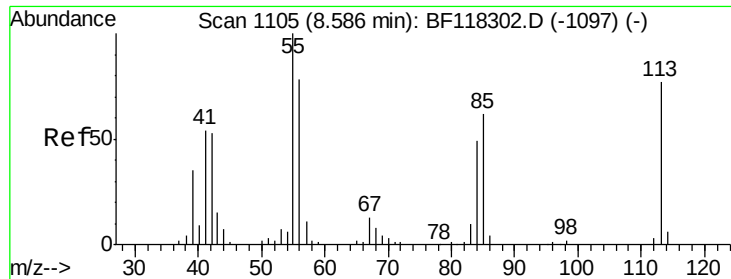
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#34
Hexachlorobutadiene
Concen: 40.664 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.5	74.3	
227	62.7	51.0	76.4	





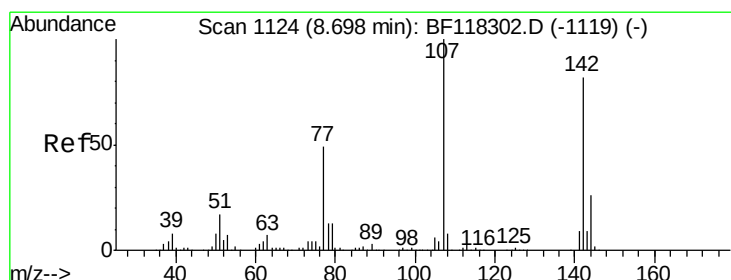
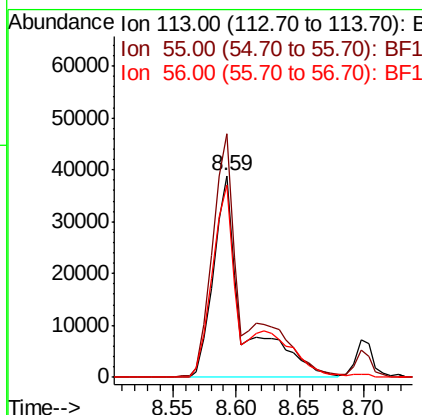
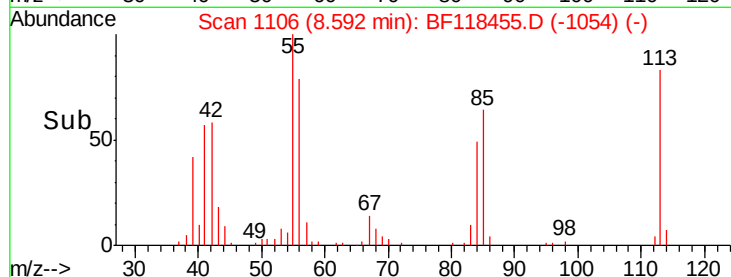
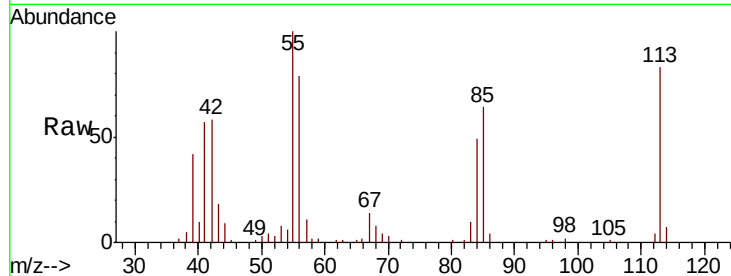
#35
Caprolactam
Concen: 39.466 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	120.6	109.8	149.8
56	95.5	81.7	121.7

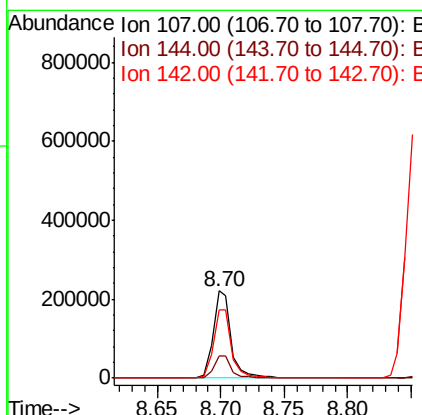
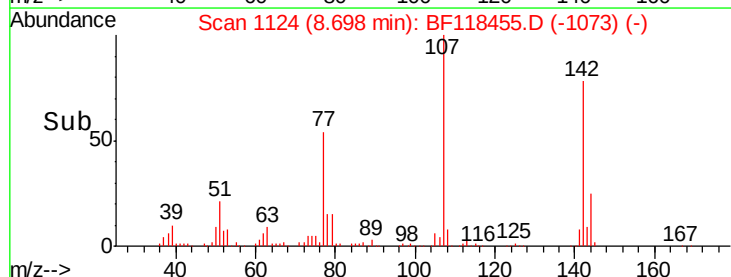
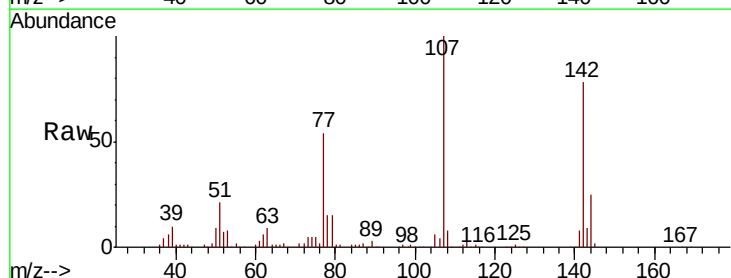
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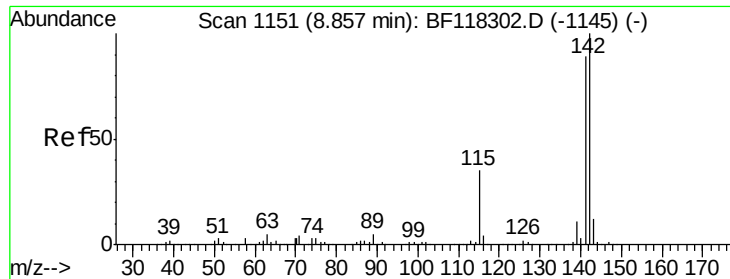
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#36
4-Chloro-3-methylphenol
Concen: 40.591 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	21.2	31.8
142	78.3	65.4	98.2





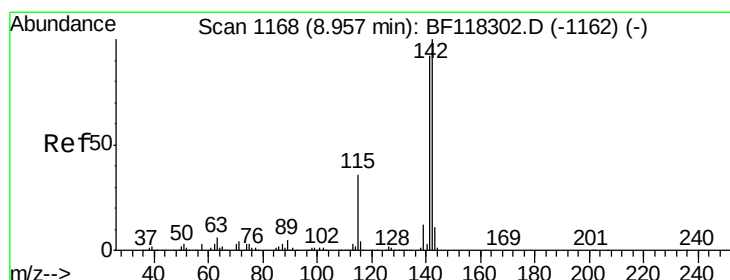
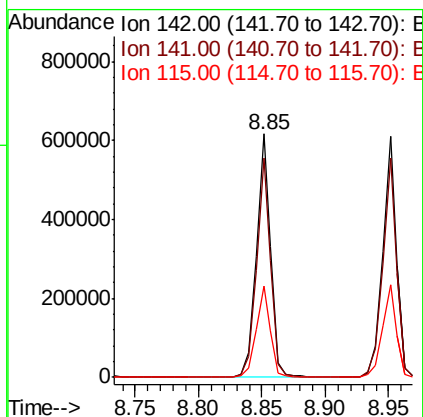
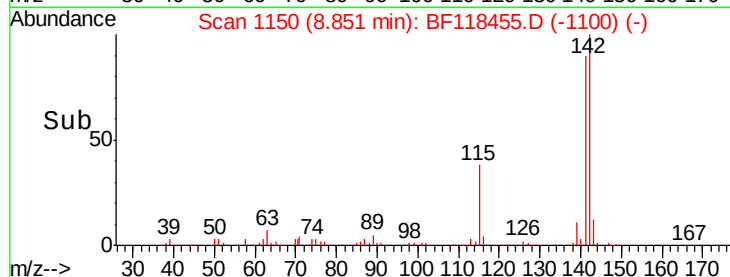
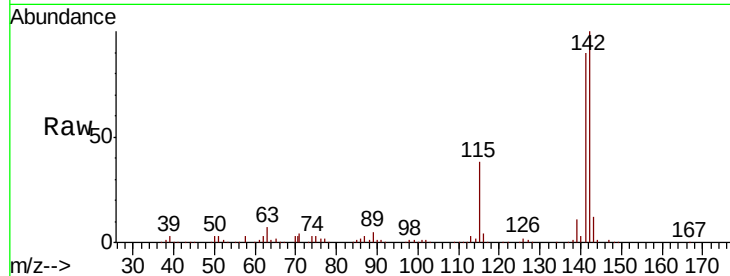
#37
2-Methylnaphthalene
Concen: 40.346 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	37.5	28.0	42.0

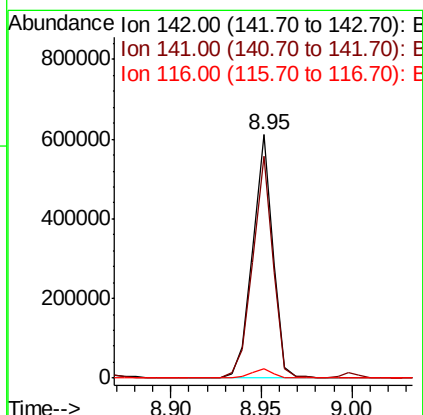
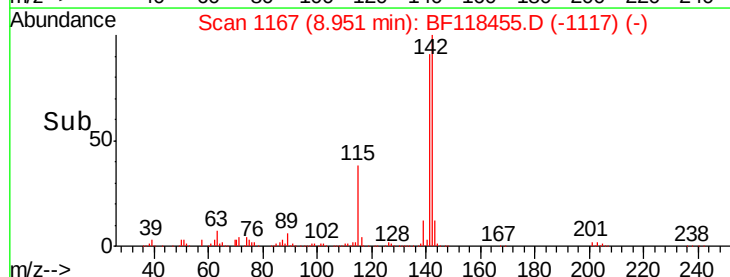
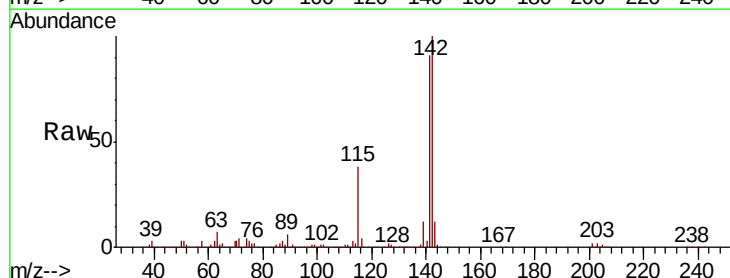
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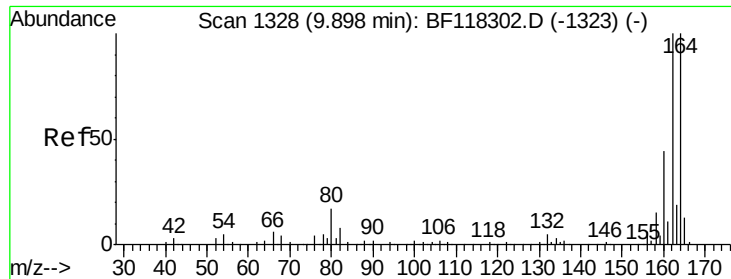
mohammad
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#38
1-Methylnaphthalene
Concen: 41.348 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.4	110.2
116	3.7	2.9	4.3





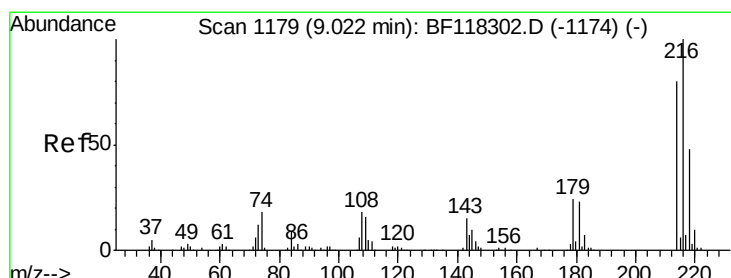
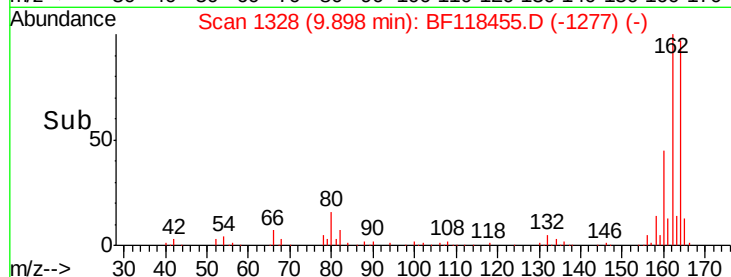
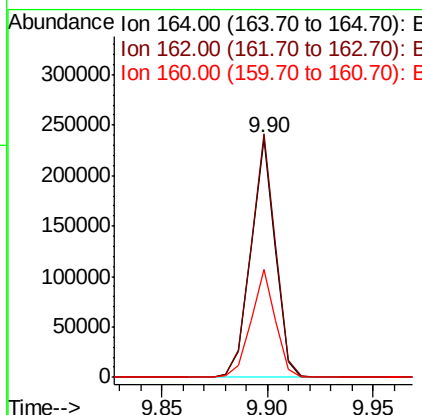
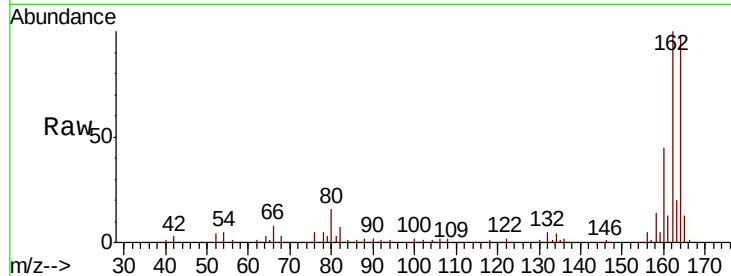
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.0	120.0
160	45.5	34.8	52.2

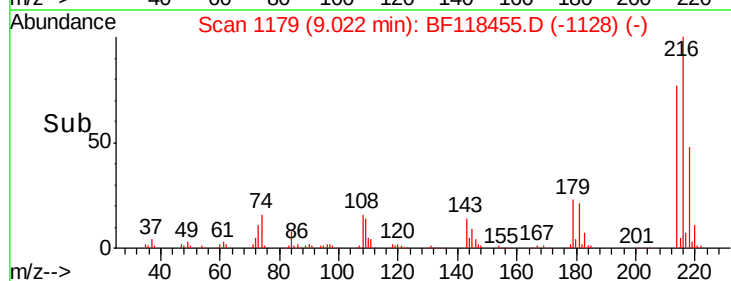
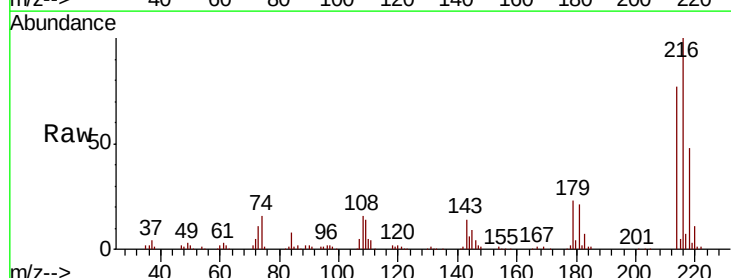
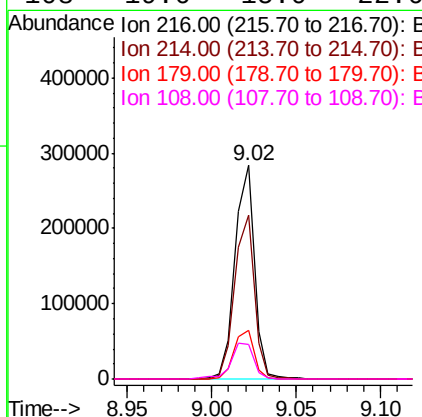
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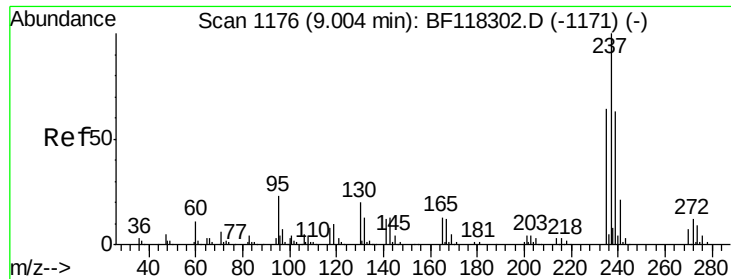
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.732 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	23.2	18.9	28.3
108	19.6	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 32.545 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

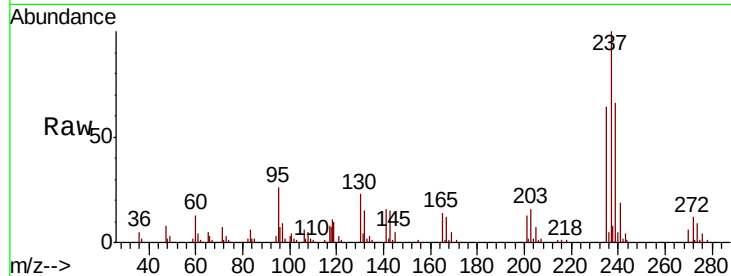
ClientSampleId :

SSTDCCC040

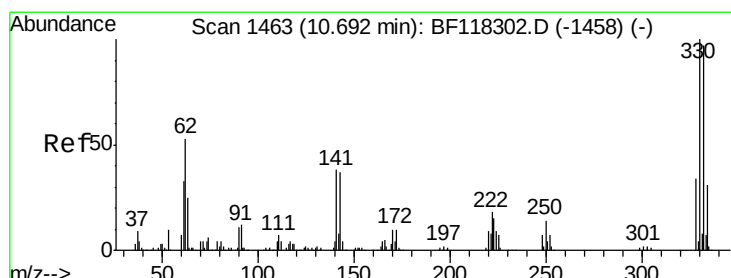
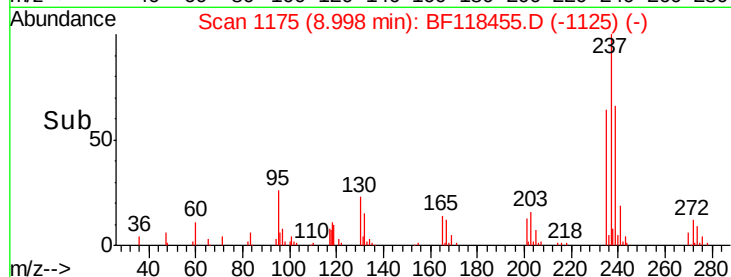
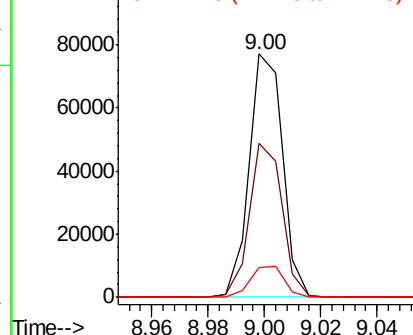
Tot Ion:	237	Resp:	63518
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.8	83.8
272	12.1	0.0	31.7

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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: 81.794 ng

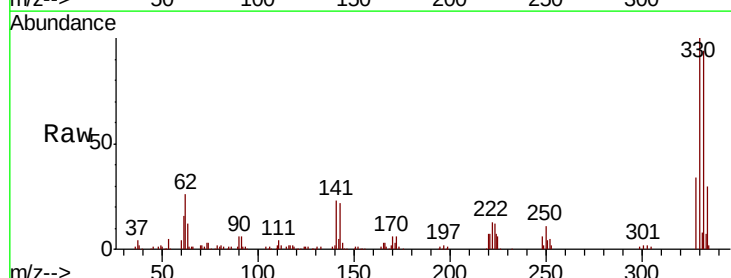
RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

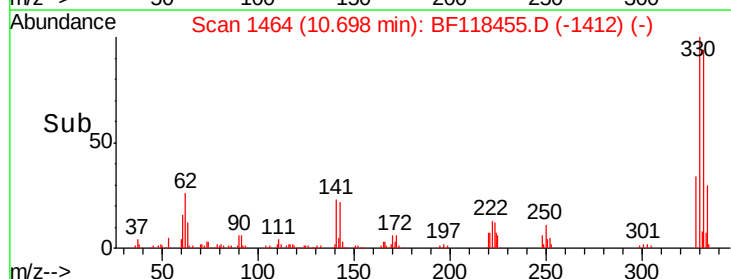
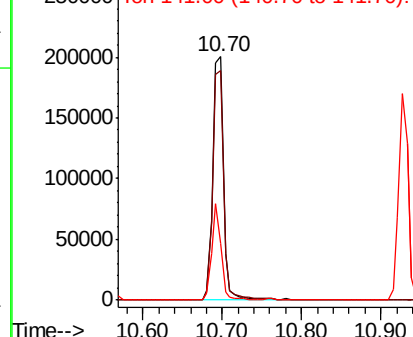
Lab File: BF118455.D

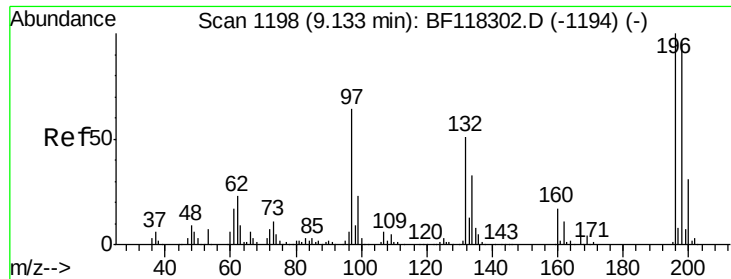
Acq: 3 Jan 2020 12:08

Tgt Ion:	330	Resp:	191358
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.6	114.8
141	34.2	26.0	39.0



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





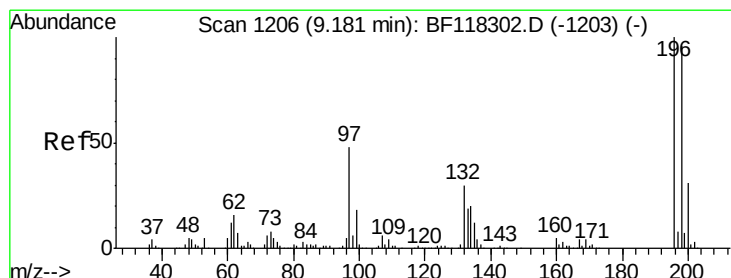
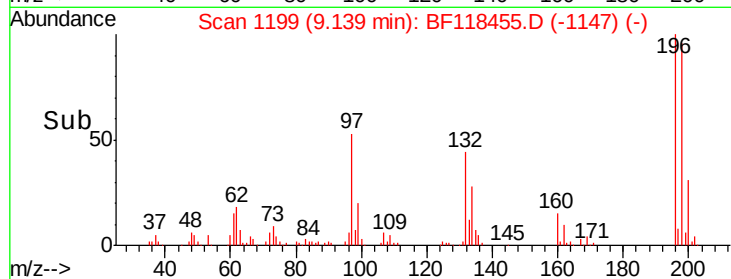
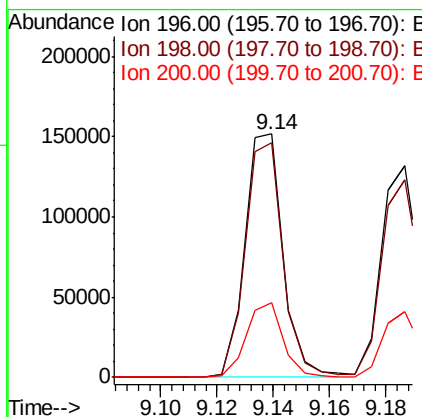
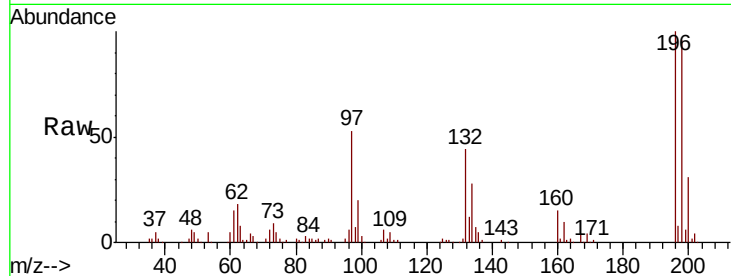
#43
 2,4,6-Trichlorophenol
 Concen: 37.468 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	142477
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.7	115.1
200	30.9	24.8	37.2

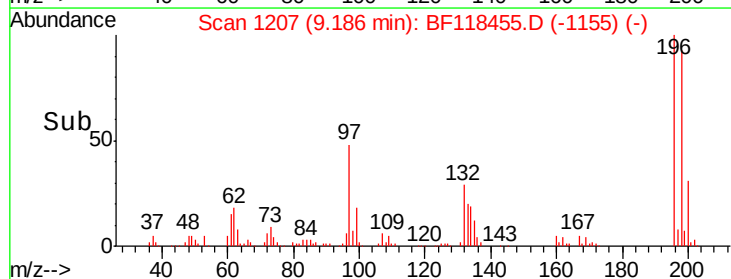
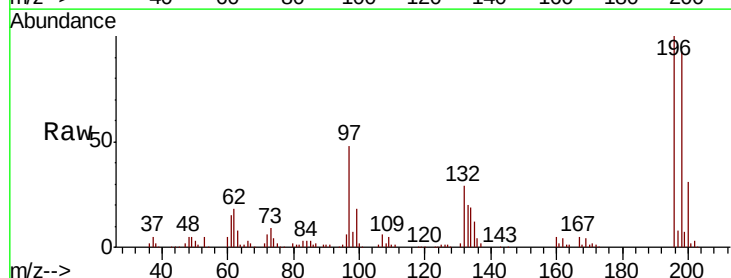
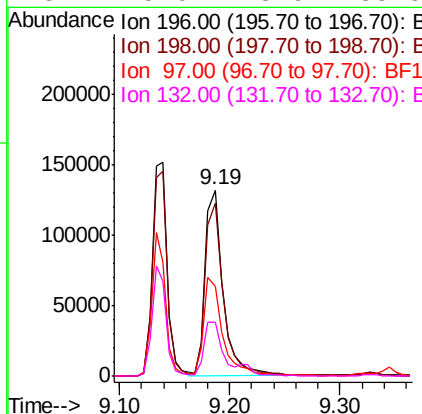
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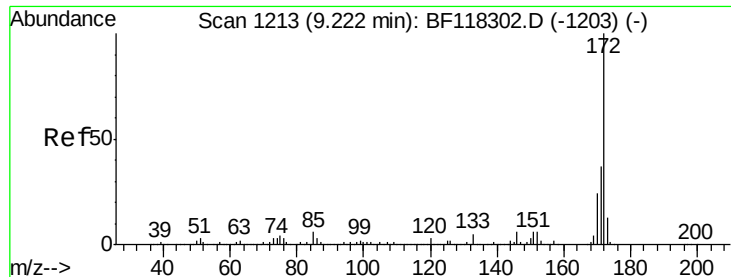
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.263 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Tgt Ion:	196	Resp:	145767
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.0	115.4
97	48.2	38.9	58.3
132	29.0	23.9	35.9





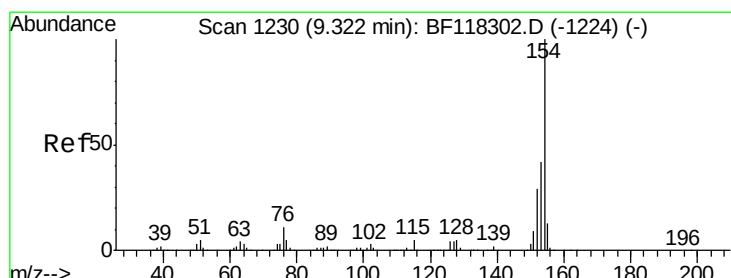
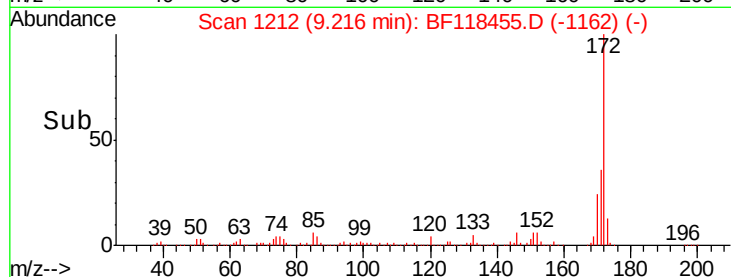
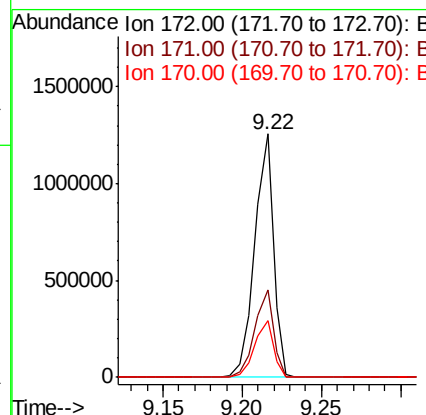
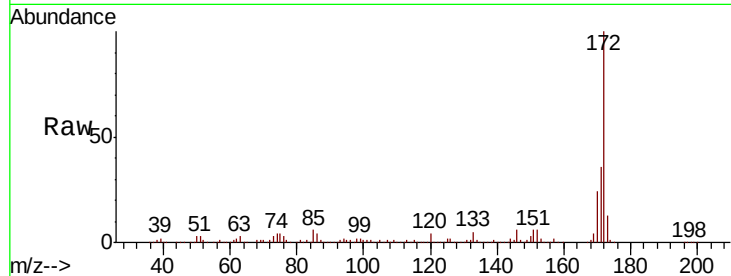
#45
2-Fluorobiphenyl
Concen: 83.274 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	23.6	19.2	28.8

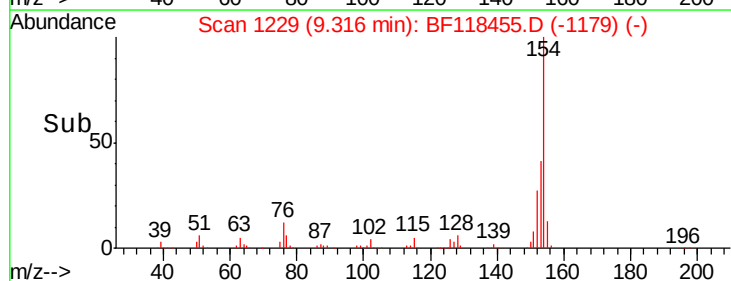
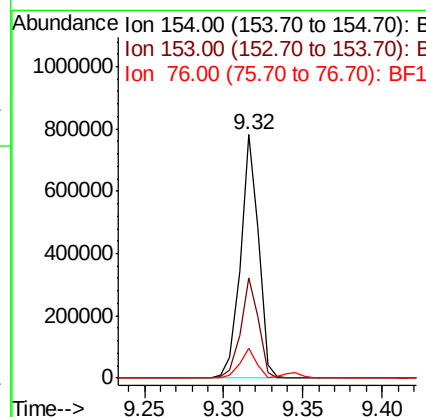
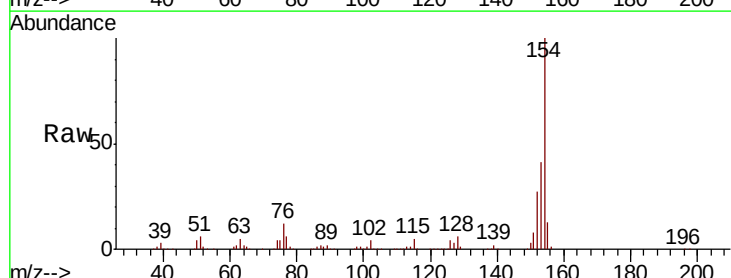
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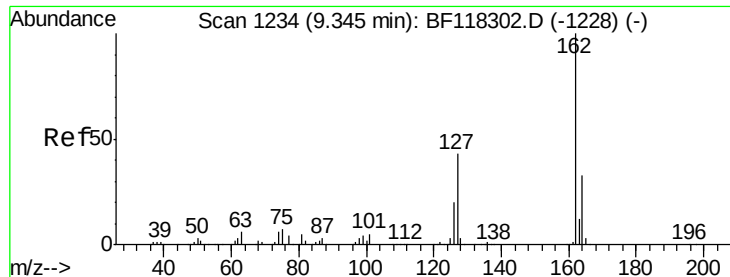
mohammad
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#46
1,1'-Biphenyl
Concen: 41.063 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.8	61.8
76	12.1	0.0	30.9





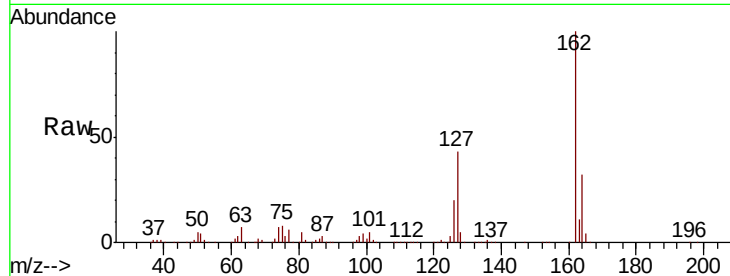
#47
 2-Chloronaphthalene
 Concen: 40.633 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

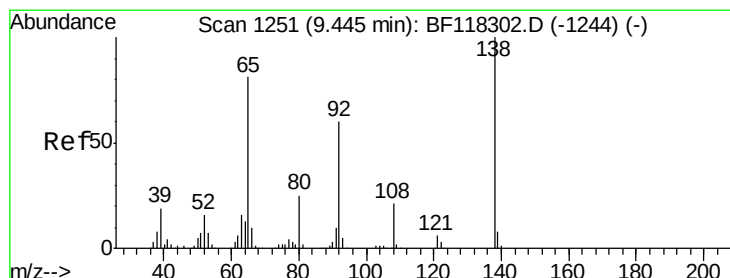
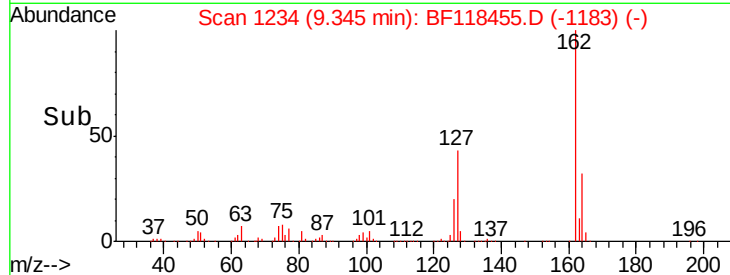
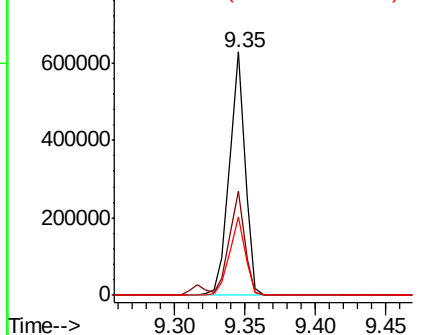
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.6	35.0	52.4		
164	32.4	26.6	40.0		

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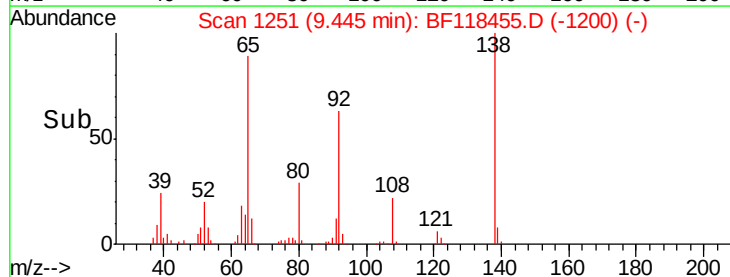
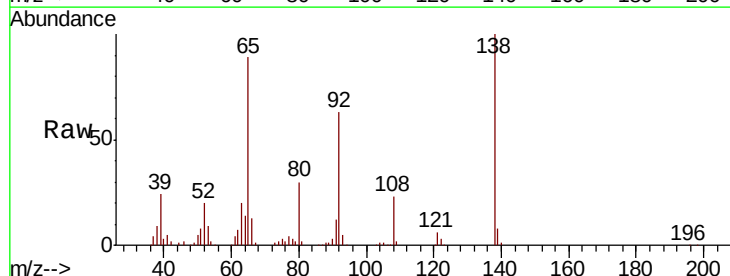
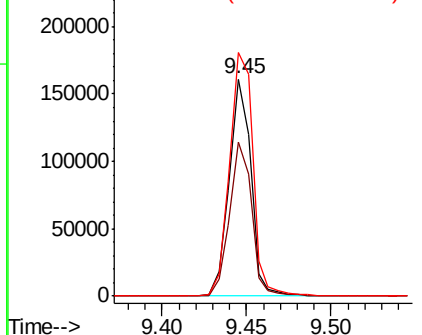
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

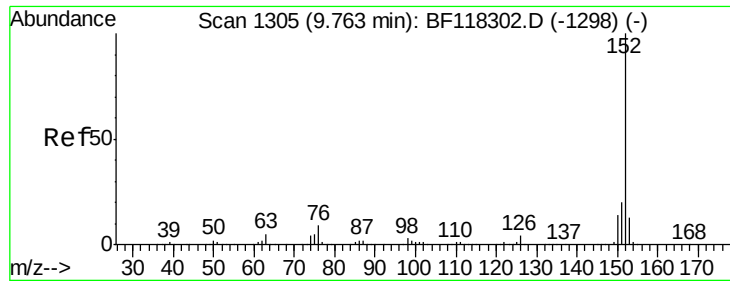


#48
 2-Nitroaniline
 Concen: 42.172 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.9	58.7	88.1		
138	112.3	98.5	147.7		

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.504 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

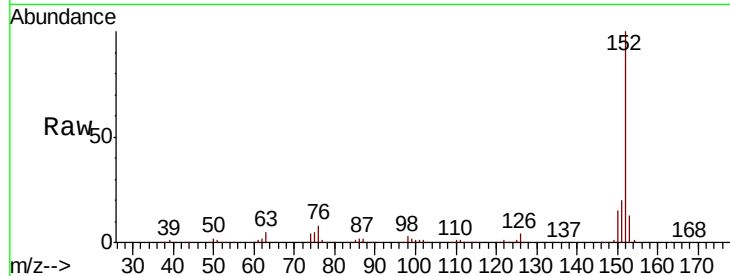
ClientSampleId :

SSTDCCC040

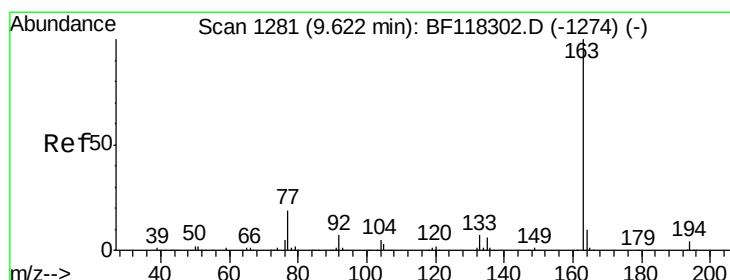
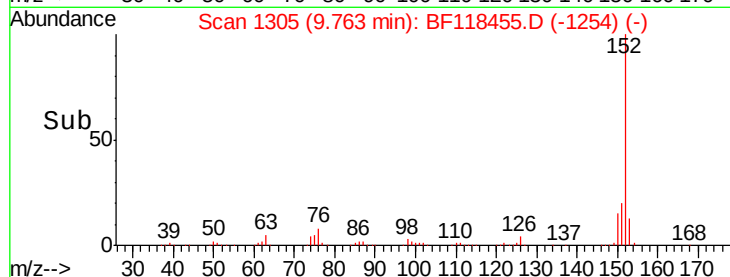
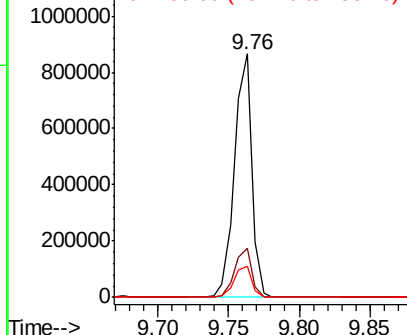
Tot Ion:	152	Resp:	742328
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	13.0	10.5	15.7

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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: 40.062 ng

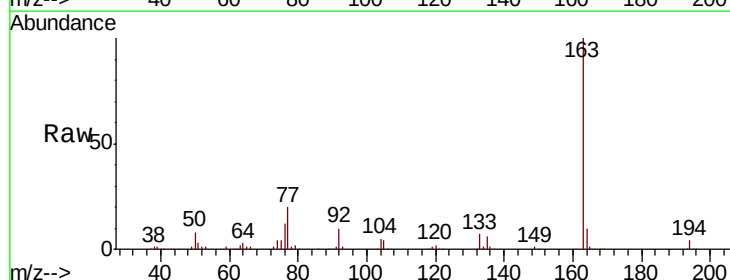
RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

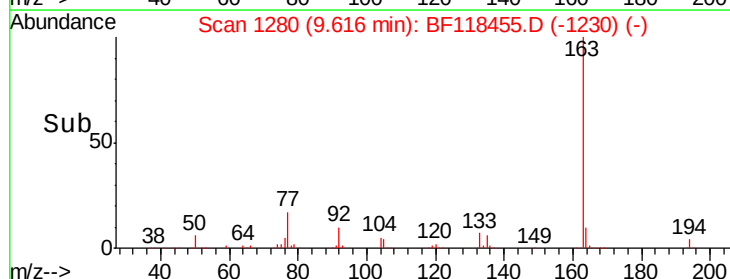
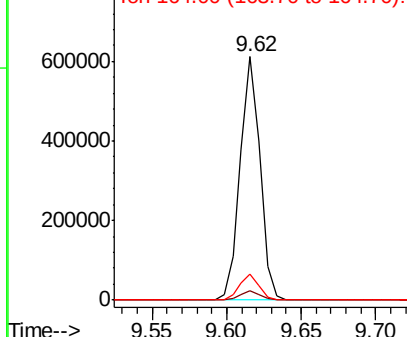
Lab File: BF118455.D

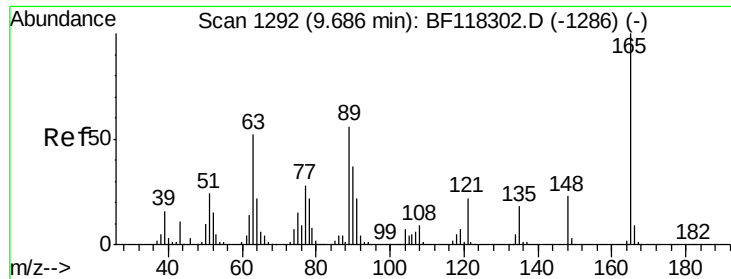
Acq: 3 Jan 2020 12:08

Tgt Ion:	163	Resp:	569697
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.2	4.8
164	10.4	7.9	11.9



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





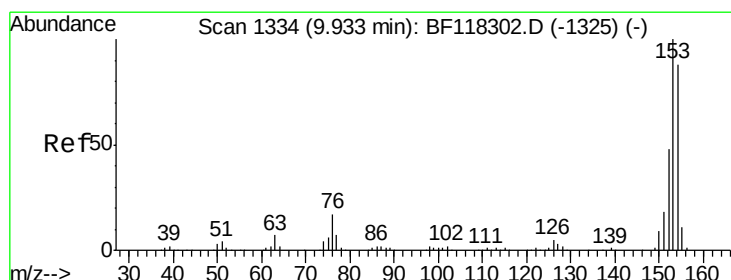
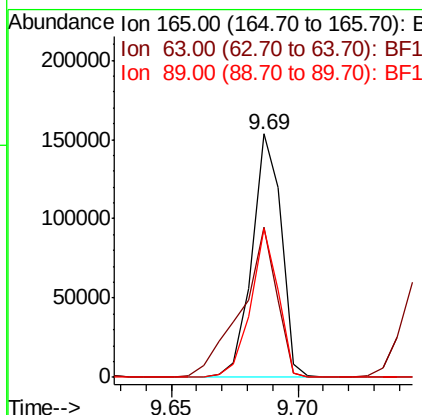
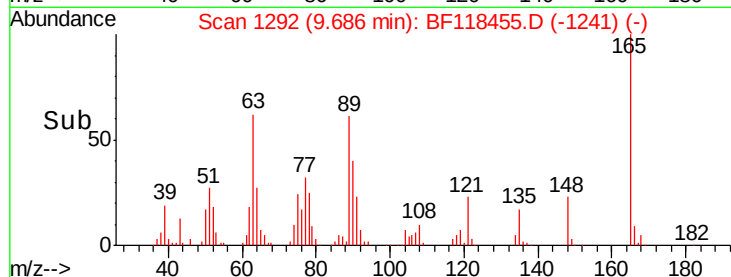
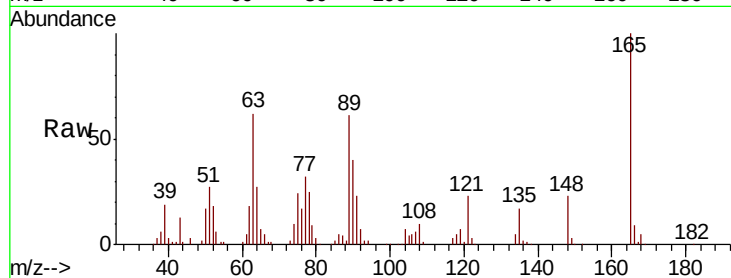
#51
2,6-Dinitrotoluene
Concen: 40.334 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.9	42.2	63.4	
89	61.2	44.4	66.6	

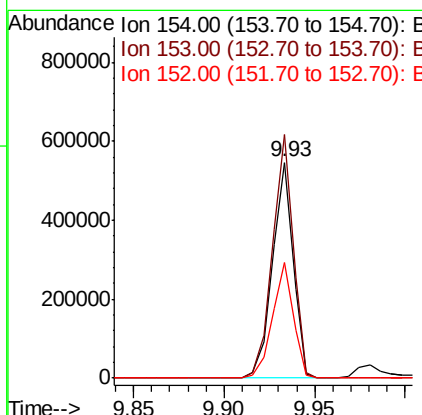
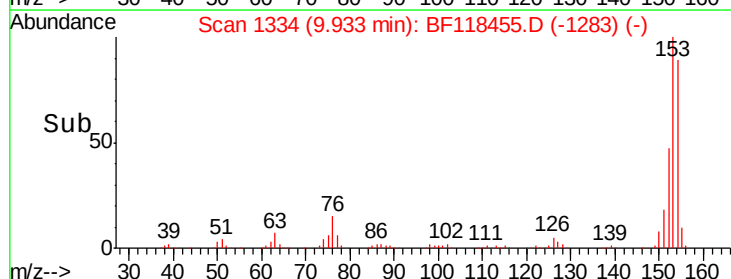
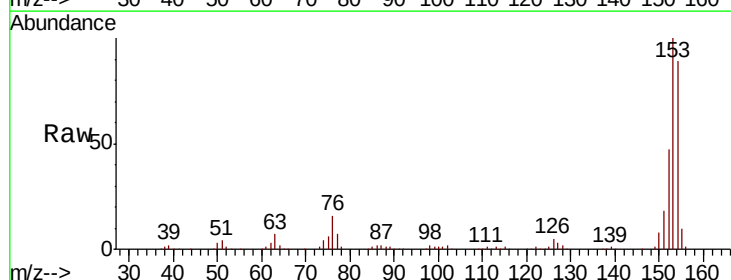
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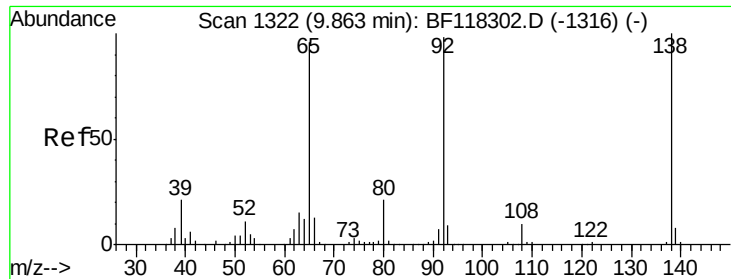
mohammad
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#52
Acenaphthene
Concen: 39.962 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.8	90.6	136.0	
152	53.3	43.1	64.7	





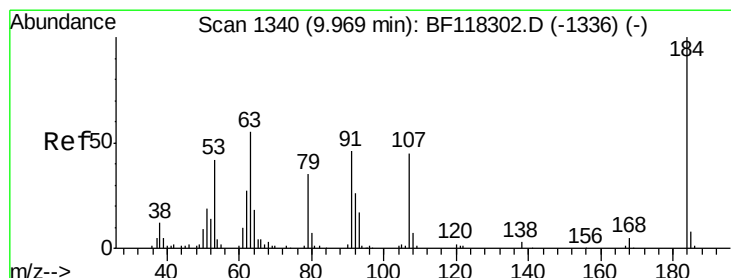
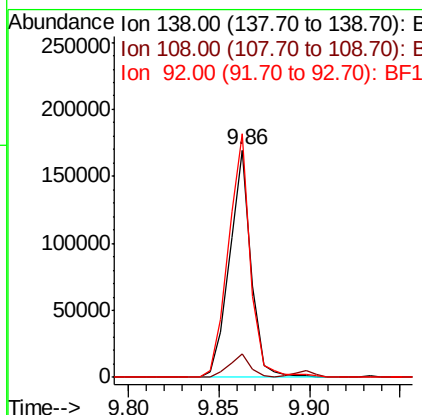
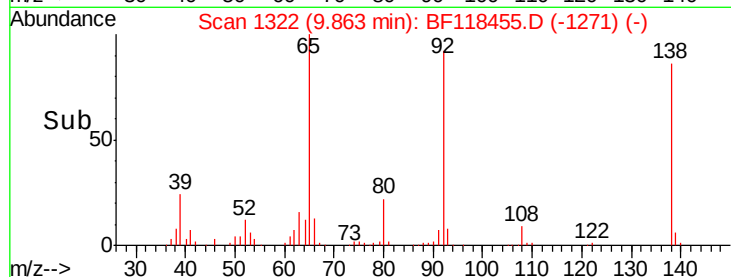
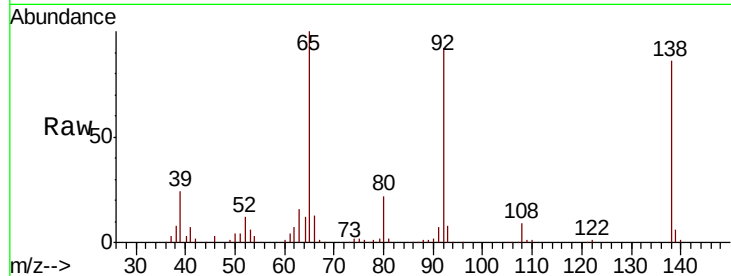
#53
3-Nitroaniline
Concen: 39.056 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	107.3	78.2	117.2

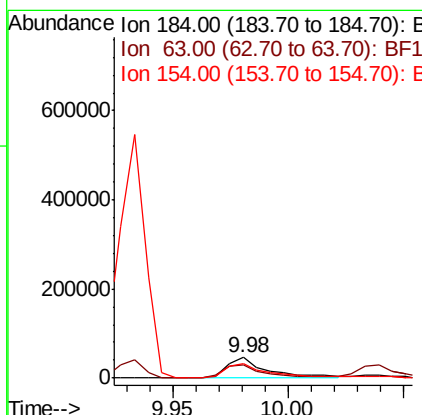
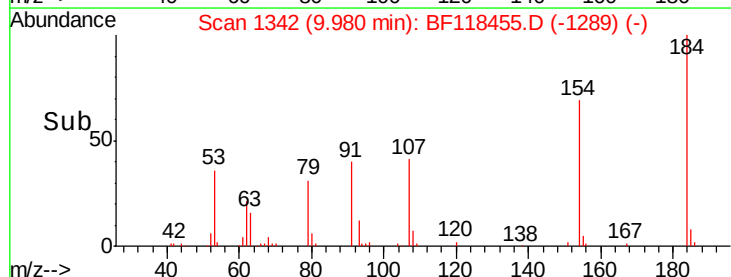
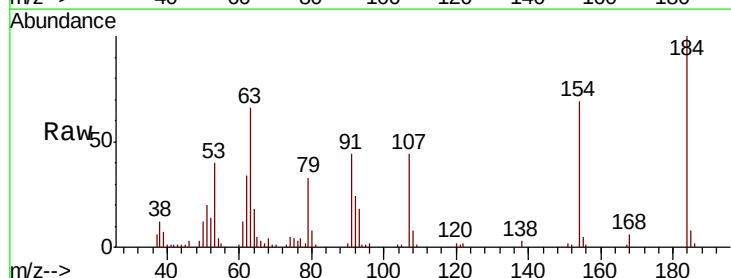
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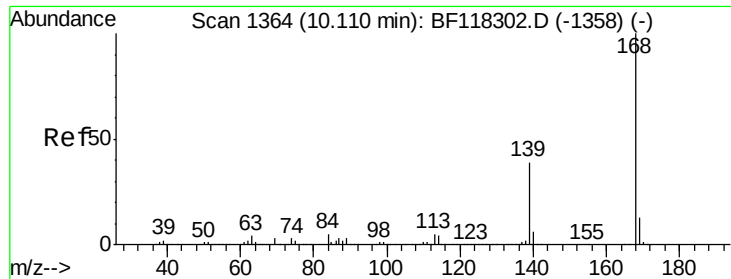
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#54
2,4-Dinitrophenol
Concen: 39.292 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	48.8	73.2
154	69.2	55.0	82.4





#55

Dibenzofuran

Concen: 41.652 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

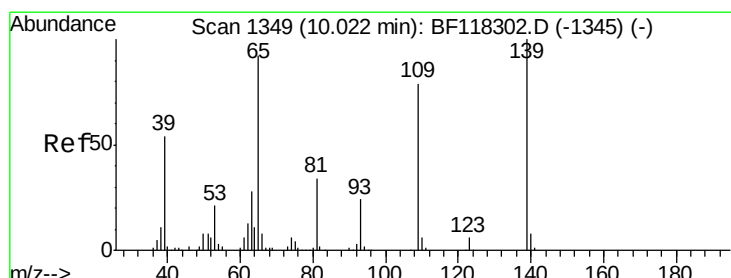
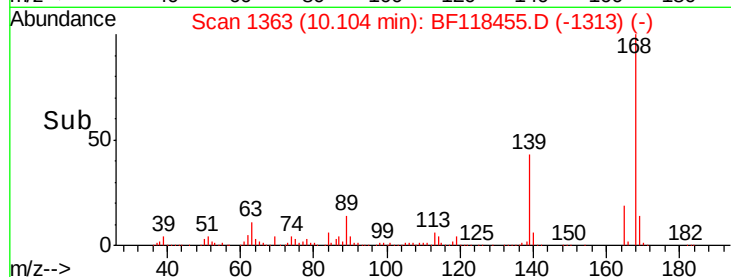
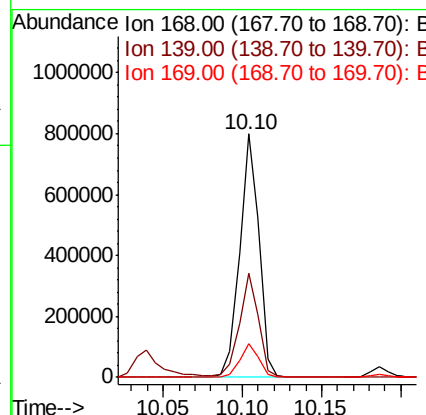
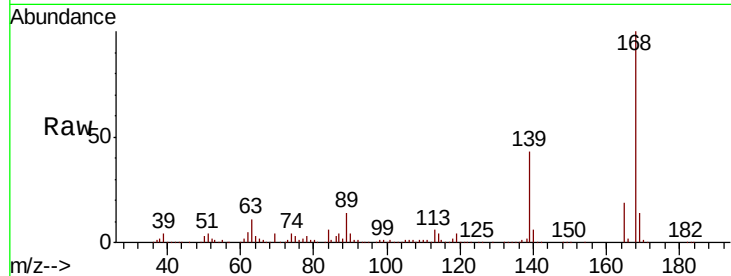
ClientSampled :

SSTDCCC040

Tot Ion:	168	Resp:	670495
Ion Ratio	Lower	Upper	
168	100		
139	42.8	31.5	47.3
169	13.8	10.4	15.6

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#56

4-Nitrophenol

Concen: 48.060 ng

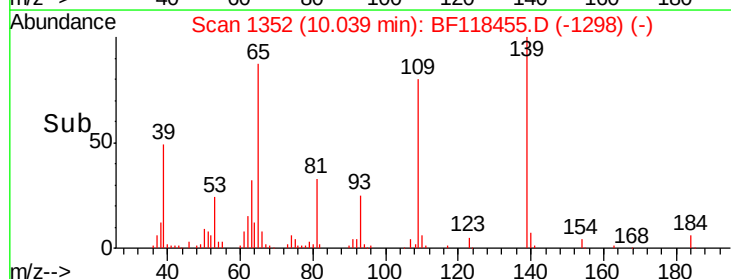
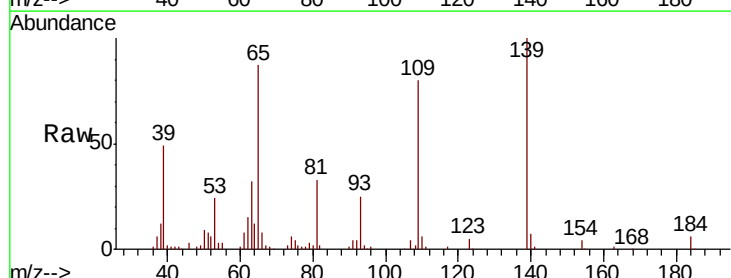
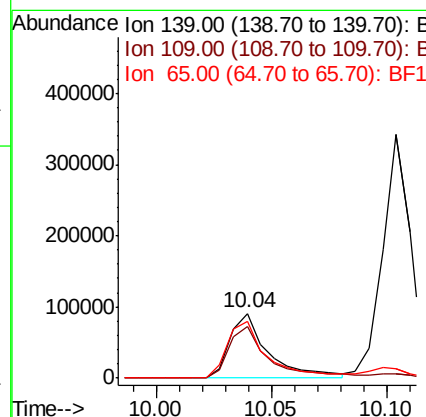
RT: 10.04 min Scan# 1352

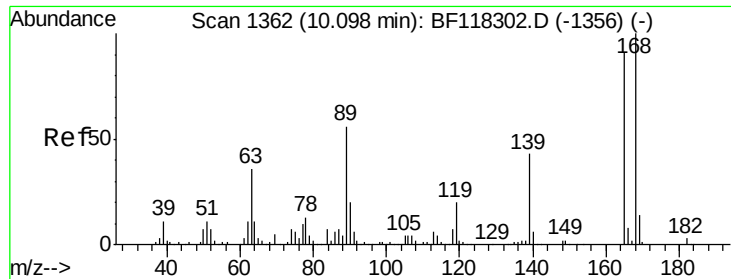
Delta R.T. 0.02 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Tgt Ion:	139	Resp:	106760
Ion Ratio	Lower	Upper	
139	100		
109	79.6	59.3	99.3
65	87.5	72.4	112.4





#57

2,4-Dinitrotoluene

Concen: 41.977 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 171964
Ion Ratio Lower Upper

165 100

63 55.8 32.0 48.0#

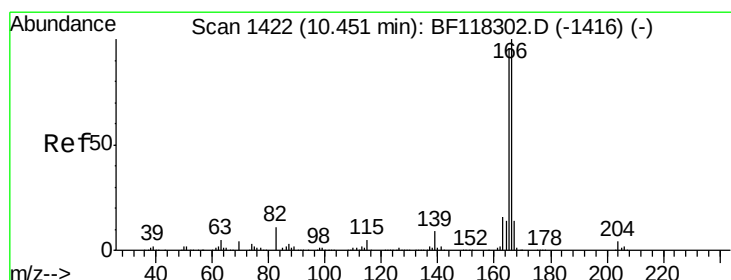
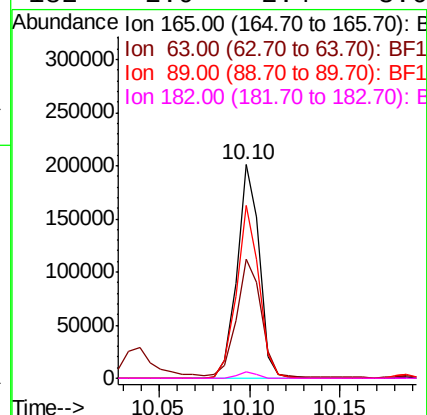
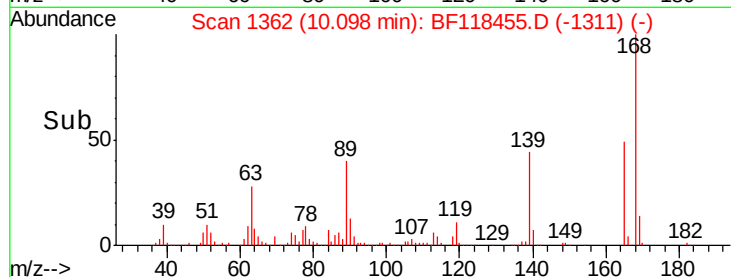
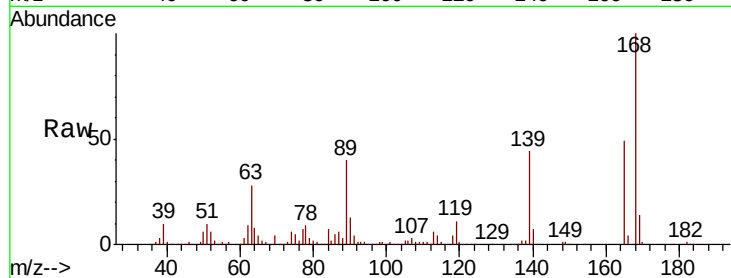
89 80.7 49.3 73.9#

182 2.9 2.4 3.6

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#58

Fluorene

Concen: 42.082 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF118455.D

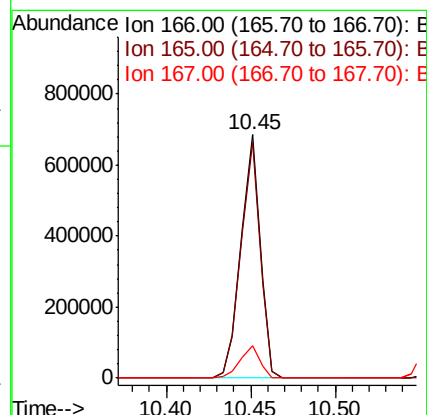
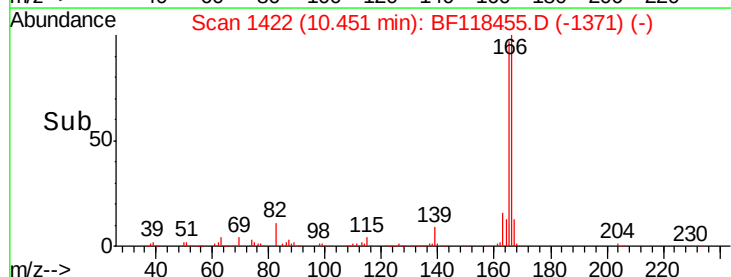
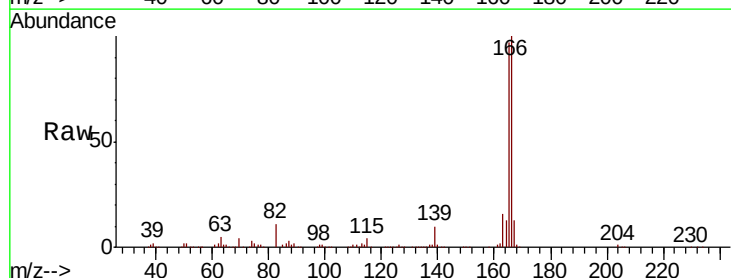
Acq: 3 Jan 2020 12:08

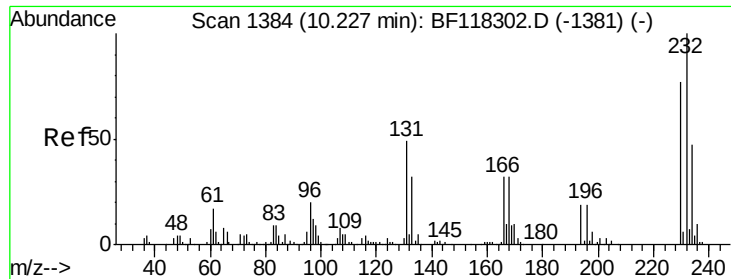
Tgt Ion:166 Resp: 546841
Ion Ratio Lower Upper

166 100

165 96.9 77.0 115.4

167 13.4 10.9 16.3





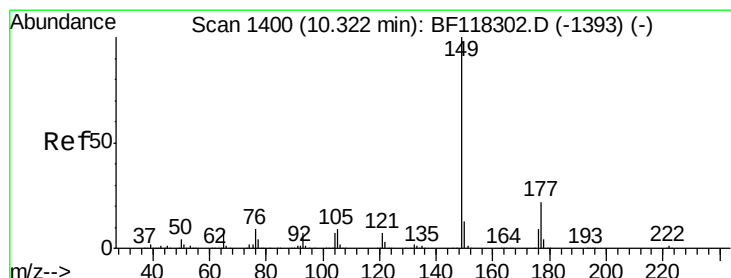
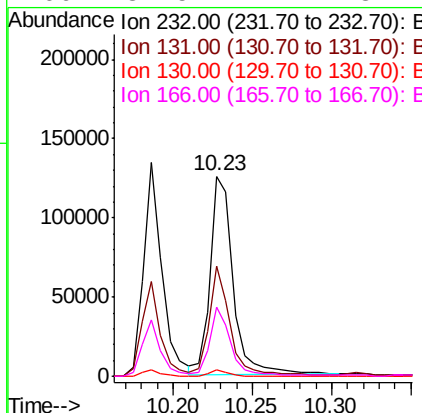
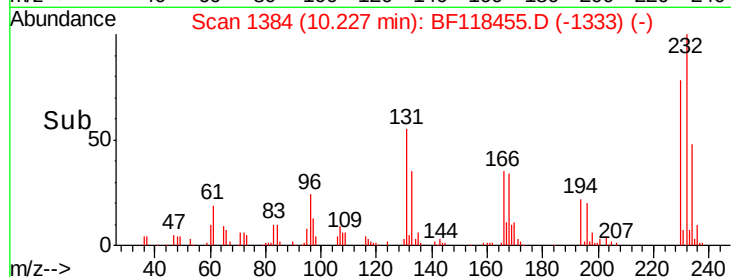
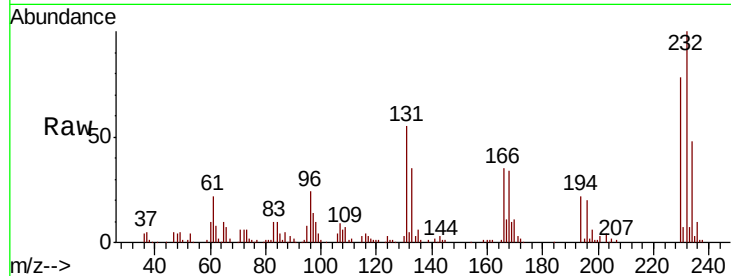
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.257 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.9	37.7	56.5
130	2.5	2.0	3.0
166	31.5	24.7	37.1

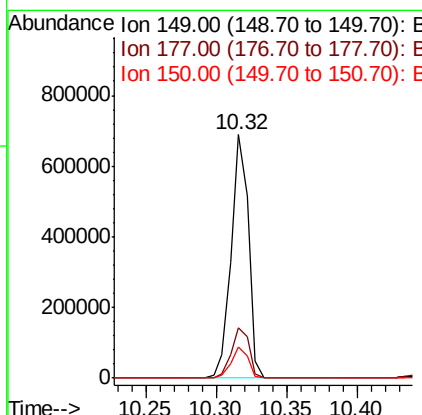
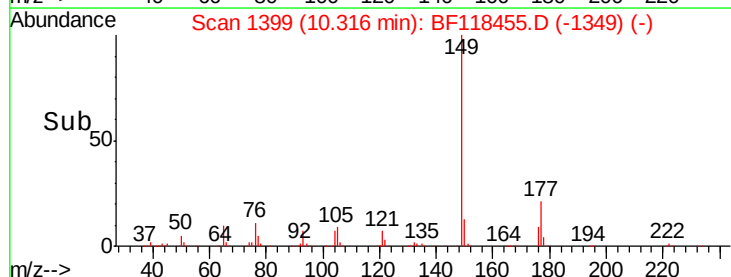
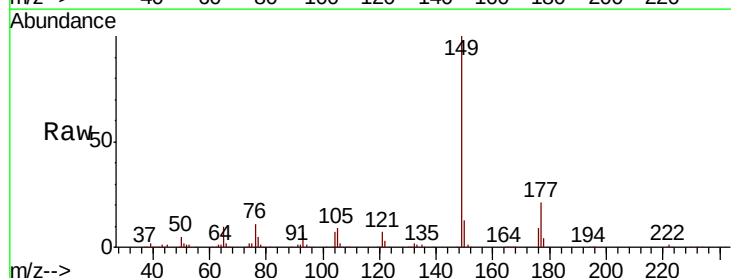
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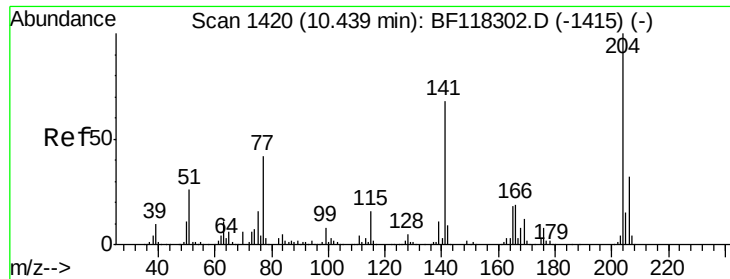
mohammad
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#60
Diethylphthalate
Concen: 41.789 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.9	26.9
150	12.8	10.2	15.2





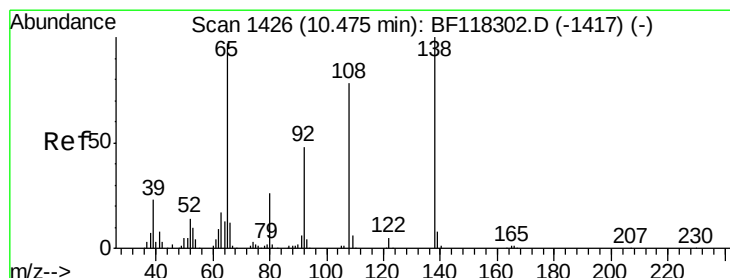
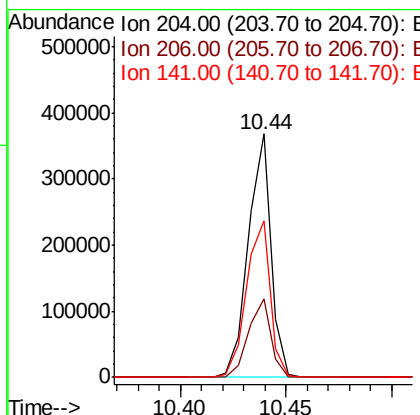
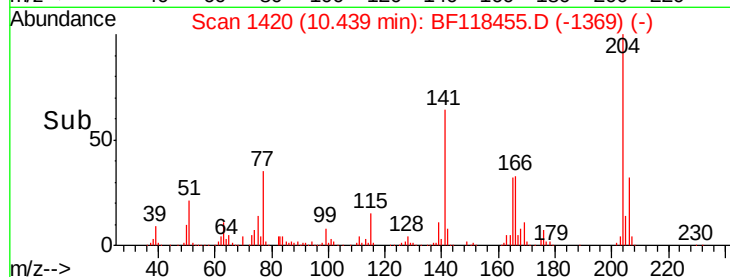
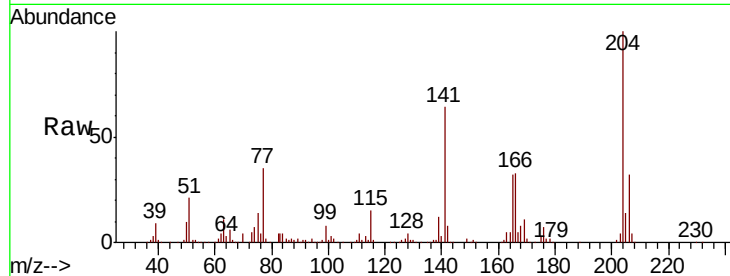
#61
 4-Chlorophenyl-phenylether
 Concen: 42.355 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	274757
Ion Ratio	Lower	Upper	
204	100		
206	32.2	25.8	38.8
141	64.1	54.2	81.4

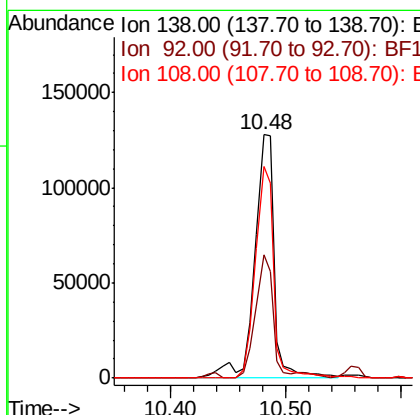
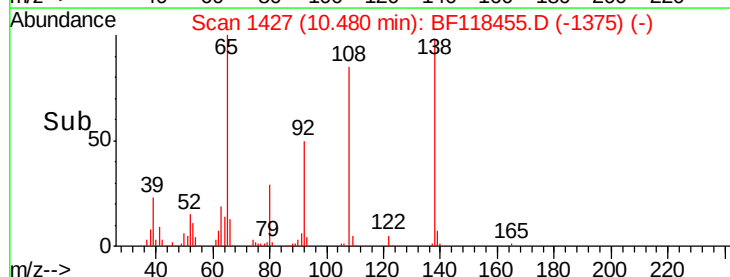
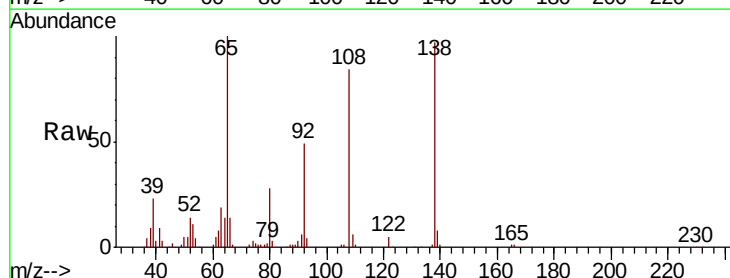
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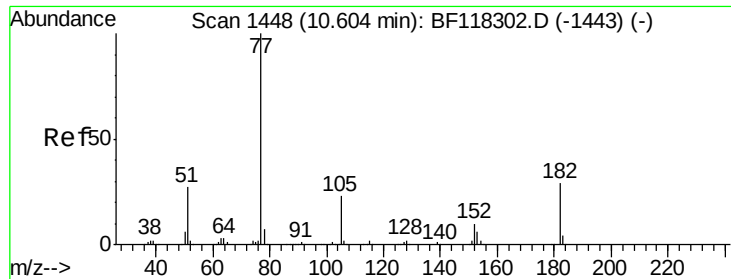
mohammad
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#62
 4-Nitroaniline
 Concen: 40.785 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Tgt Ion:	138	Resp:	152462
Ion Ratio	Lower	Upper	
138	100		
92	50.5	27.9	67.9
108	87.1	58.1	98.1





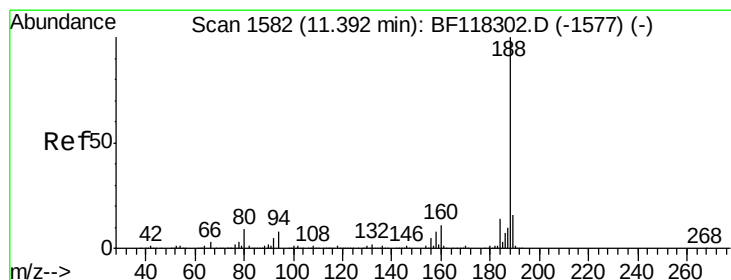
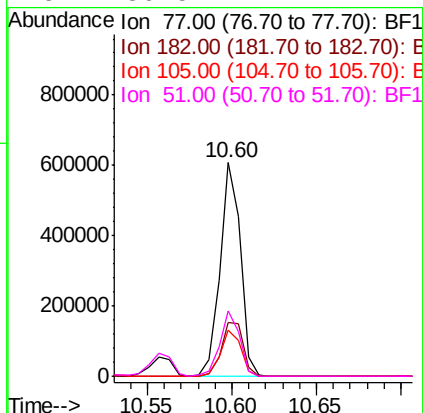
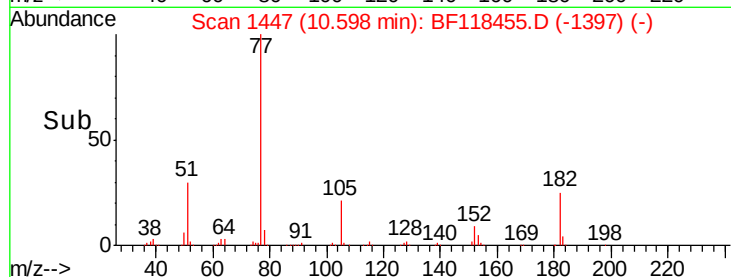
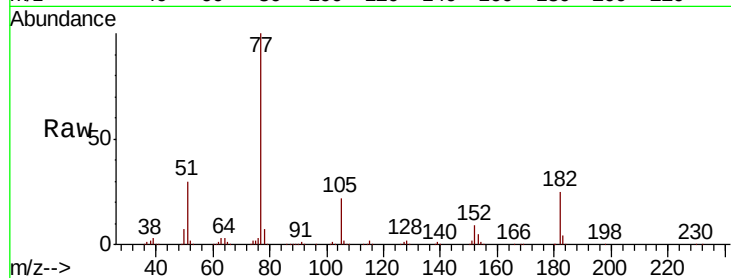
#63
Azobenzene
Concen: 42.490 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	9.2	49.2
105	21.5	3.2	43.2
51	30.5	7.1	47.1

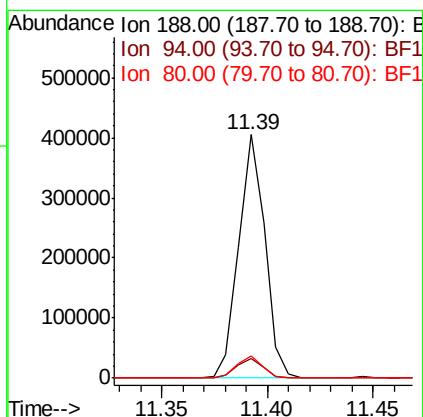
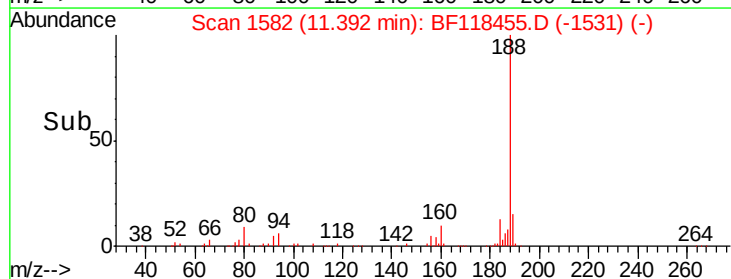
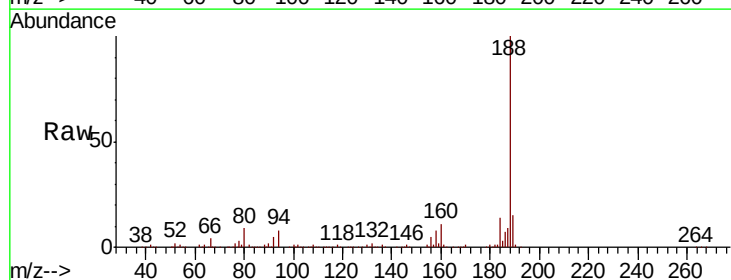
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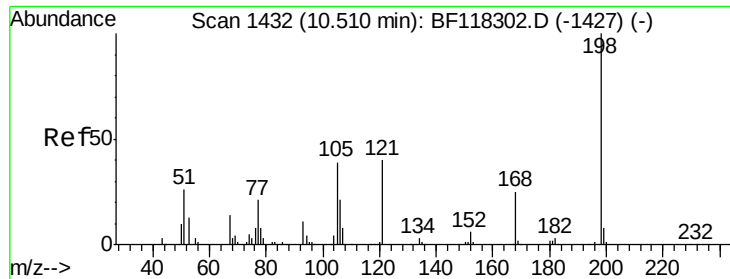
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.1	7.2	10.8





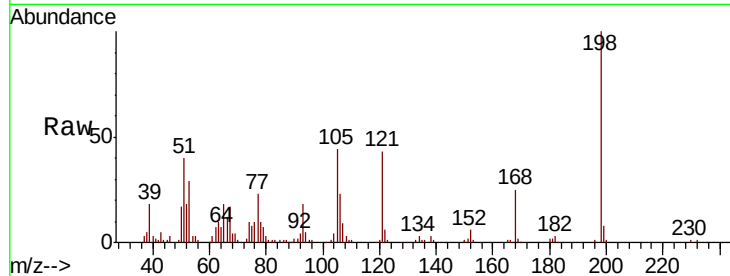
#65
4,6-Dinitro-2-methylphenol
Concen: 38.762 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.7	12.8	52.8
105	43.6	20.3	60.3

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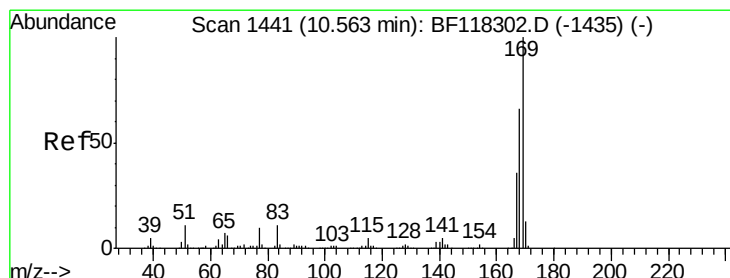
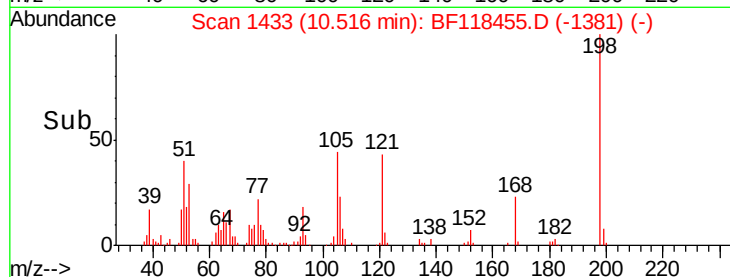
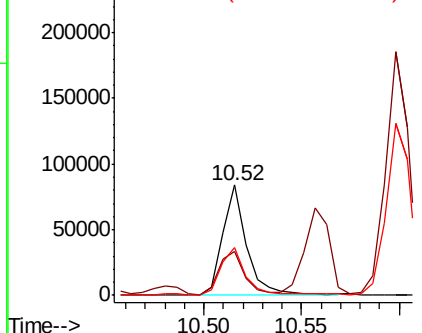


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 42.072 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

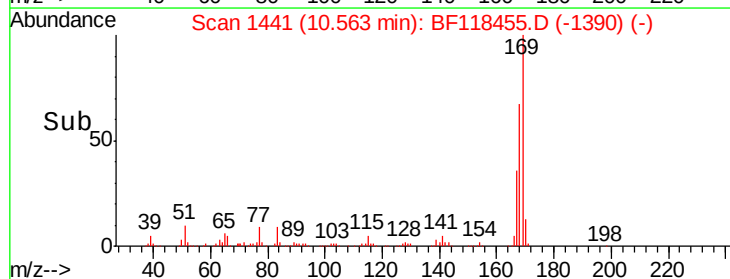
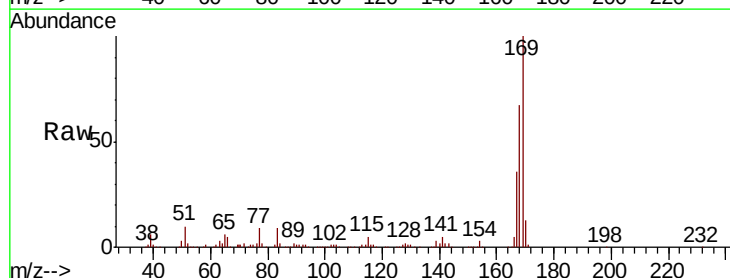
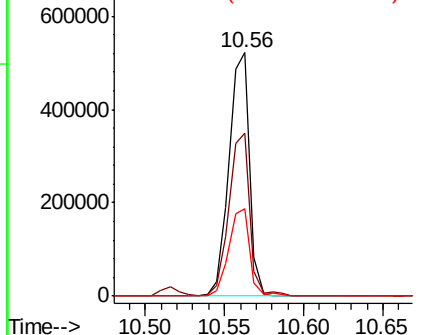
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.6	79.0
167	35.8	28.4	42.6

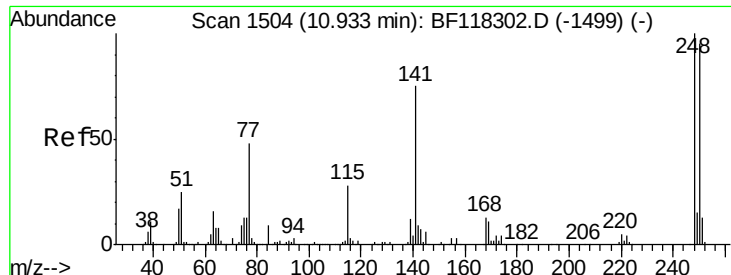
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





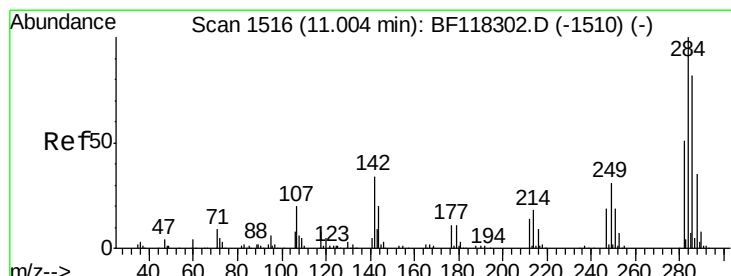
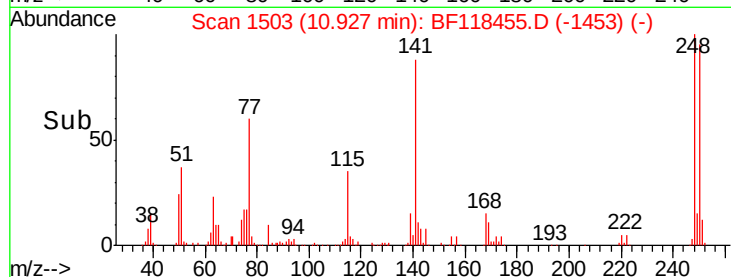
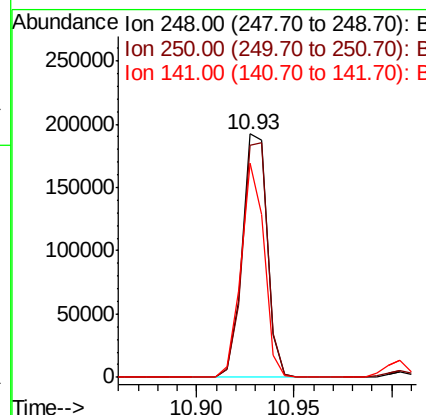
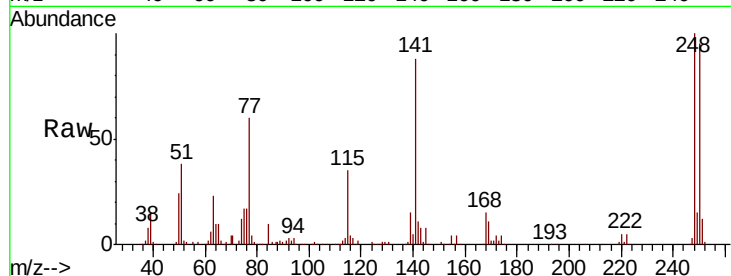
#67
 4-Bromophenyl-phenylether
 Concen: 42.019 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	248	Resp:	171010
Ion Ratio	Lower	Upper	
248	100		
250	95.1	76.4	114.6
141	88.1	60.2	90.2

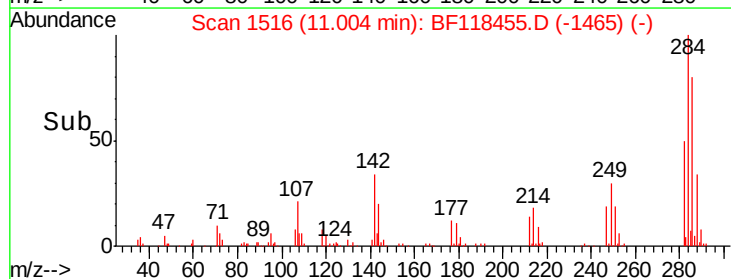
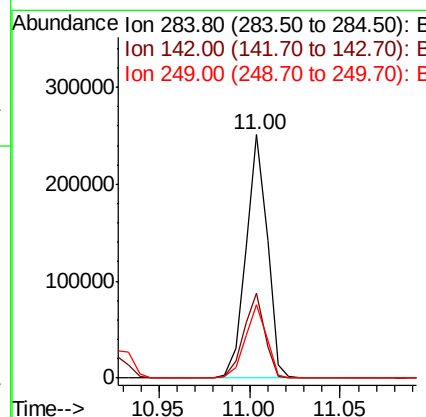
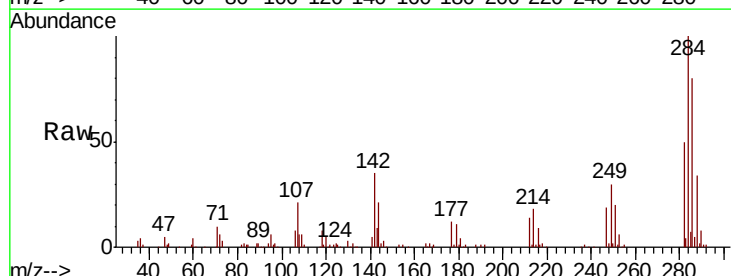
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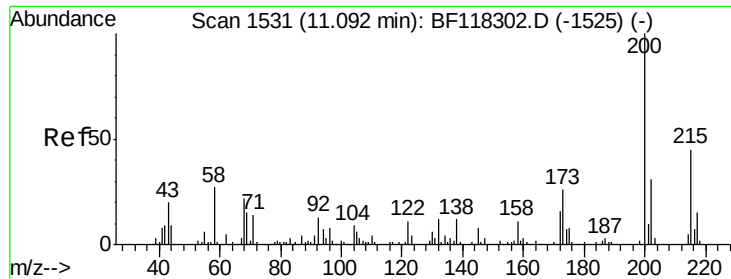
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#68
 Hexachlorobenzene
 Concen: 42.691 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Tgt Ion:	284	Resp:	204510
Ion Ratio	Lower	Upper	
284	100		
142	35.0	27.3	40.9
249	30.0	25.0	37.6





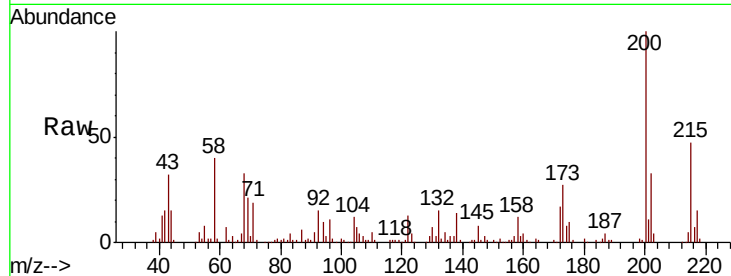
#69
 Atrazine
 Concen: 40.288 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

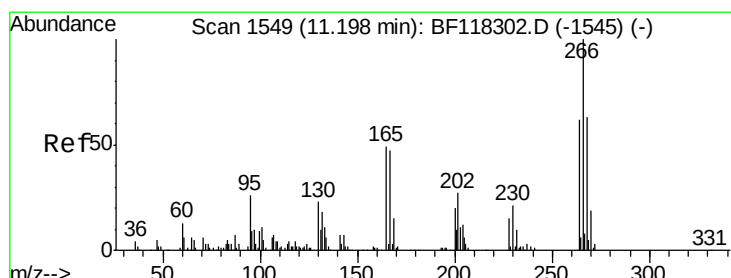
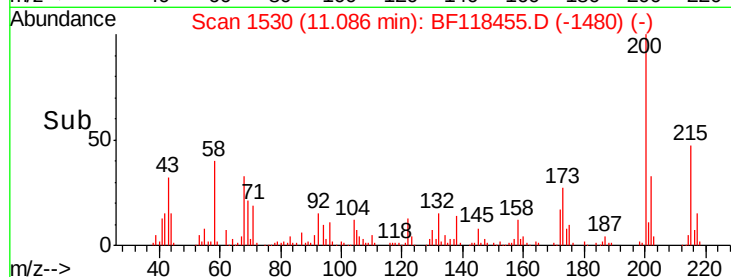
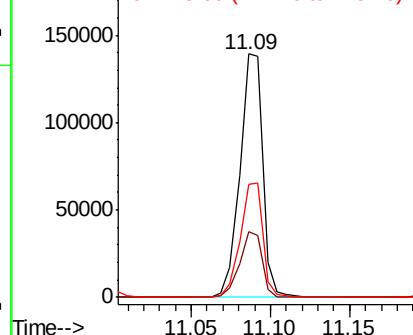
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	5.8	45.8
215	46.5	25.1	65.1

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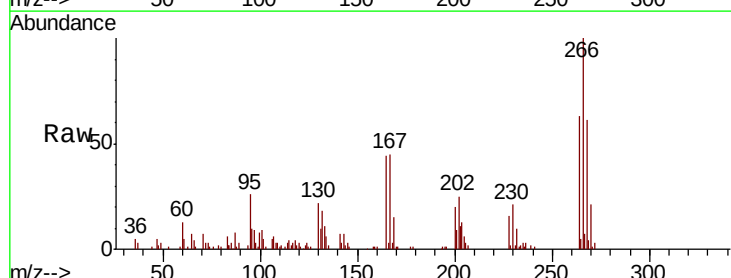


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

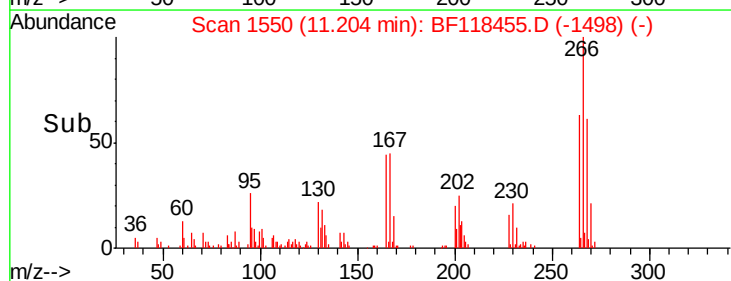
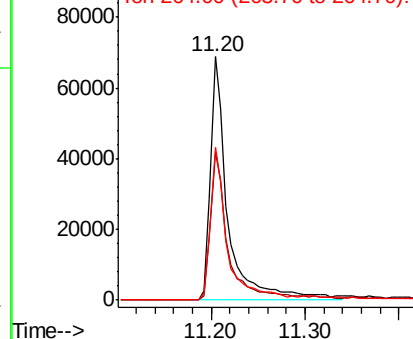


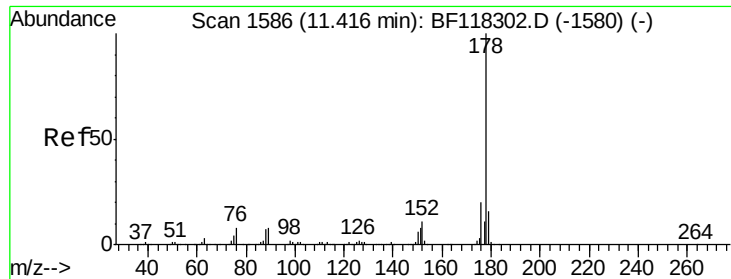
#70
 Pentachlorophenol
 Concen: 43.602 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	60.6	50.6	76.0
264	63.0	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





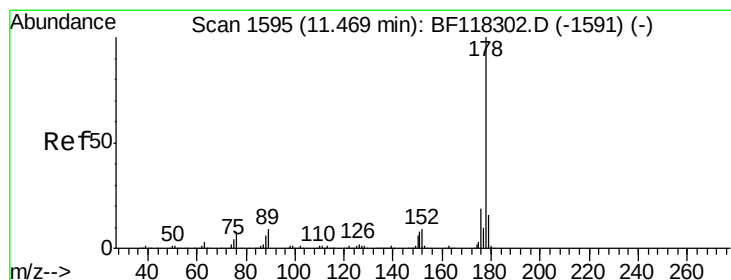
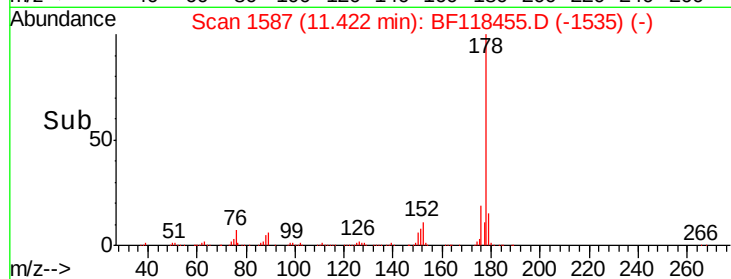
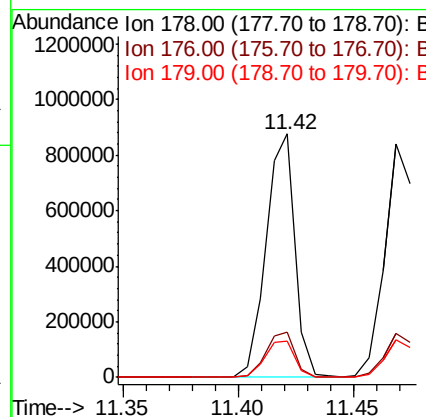
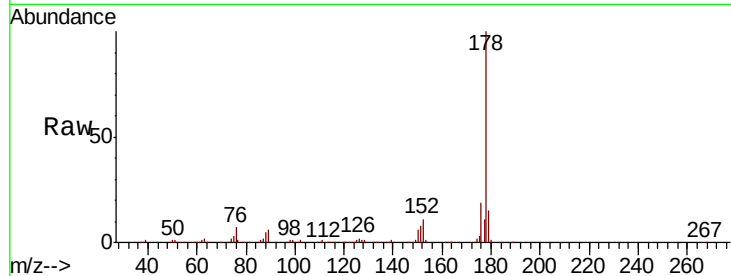
#71
Phenanthrene
Concen: 40.262 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.2	12.6	19.0

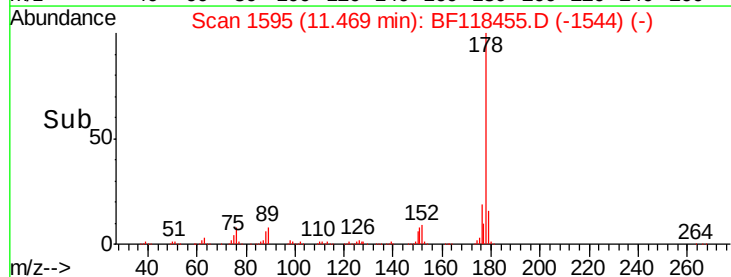
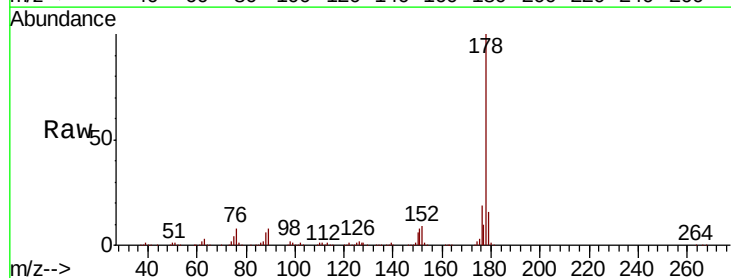
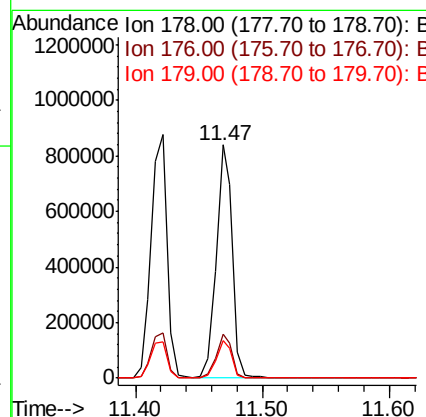
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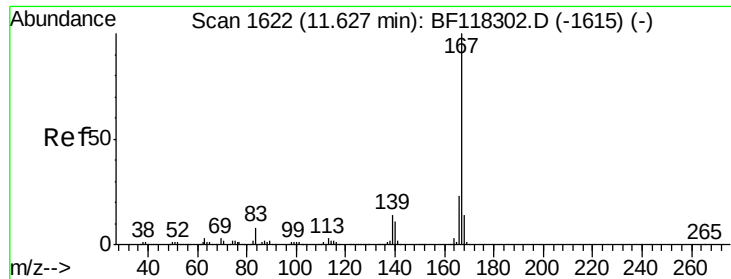
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#72
Anthracene
Concen: 39.507 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.9	12.9	19.3





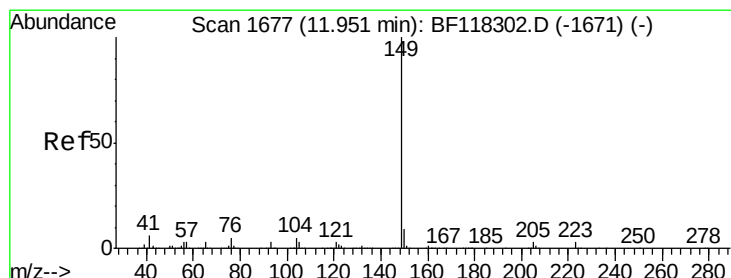
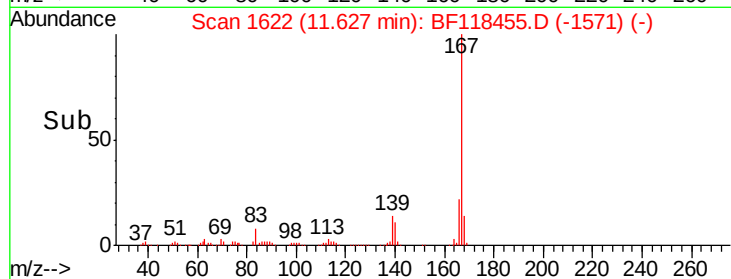
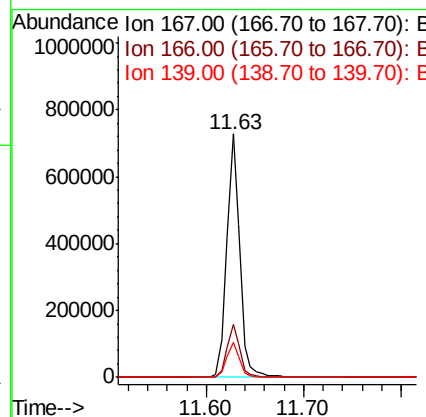
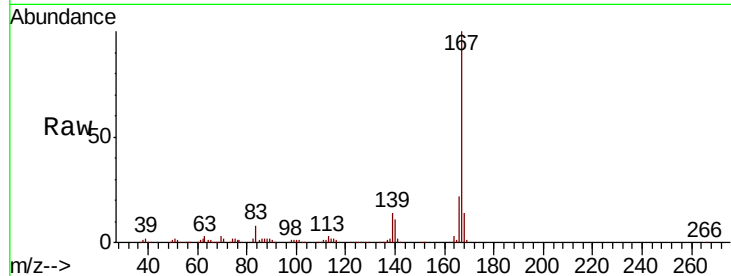
#73
 Carbazole
 Concen: 39.970 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	14.2	11.5	17.3

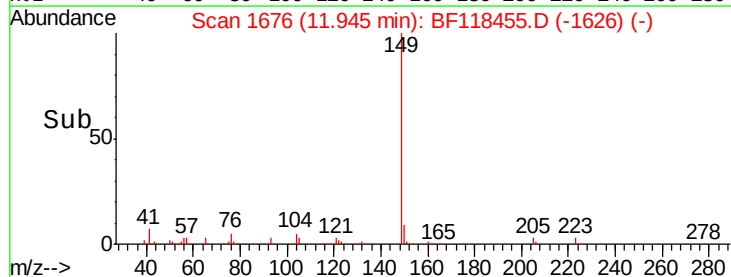
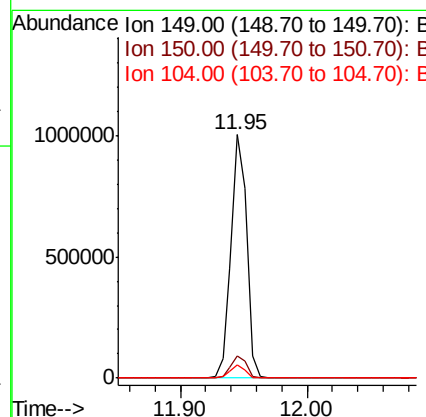
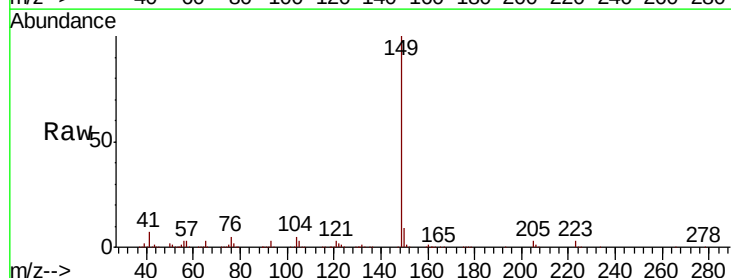
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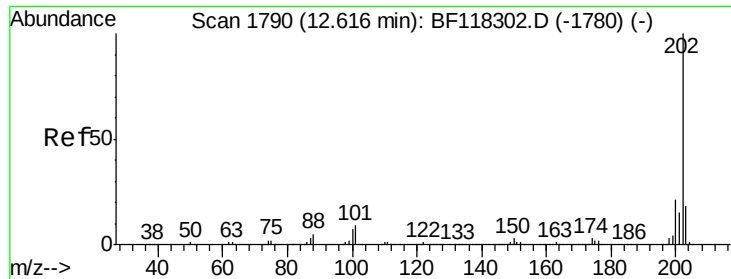
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.299 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118455.D
 Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 40.003 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

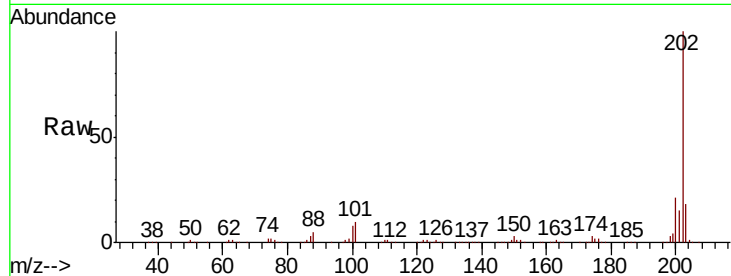
ClientSampleId :

SSTDCCC040

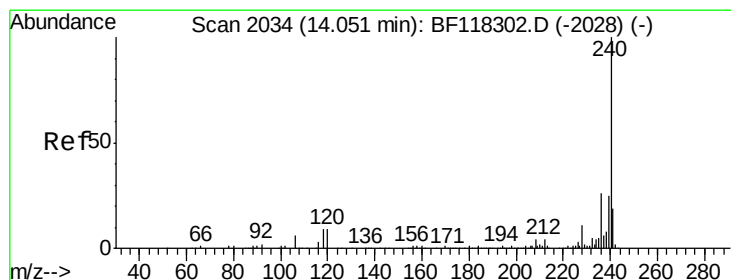
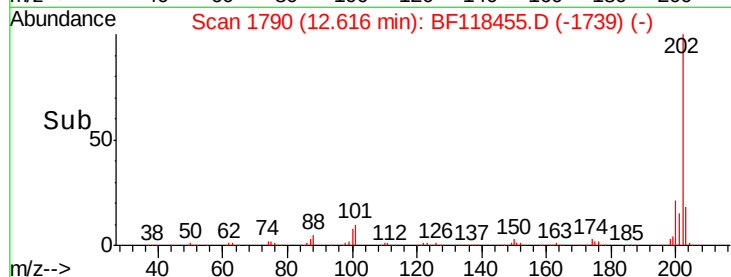
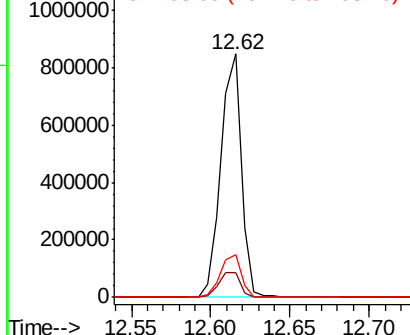
Tot Ion	Ratio	Resp	Lower	Upper
202	100	765365		
101	10.2	0.0	29.5	
203	17.5	0.0	37.6	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

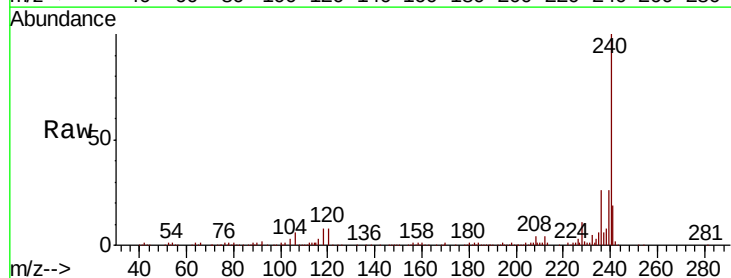
RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

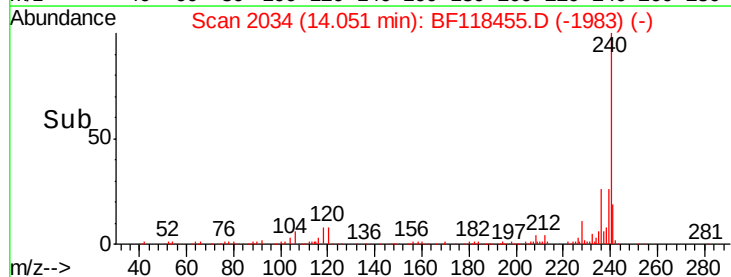
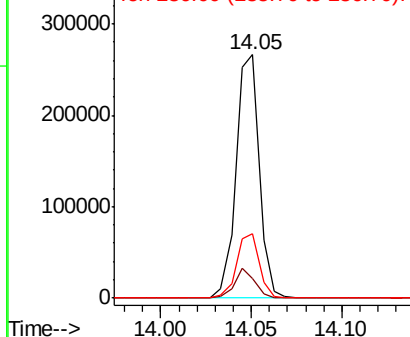
Lab File: BF118455.D

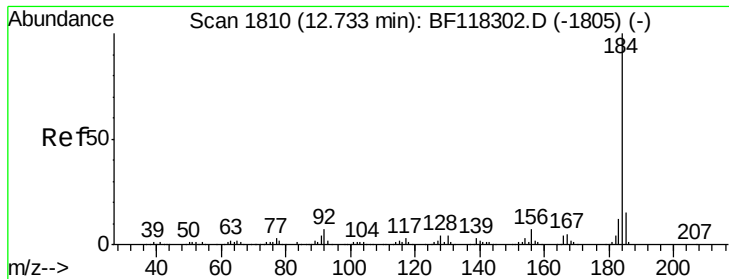
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	237774		
120	8.0	7.1	10.7	
236	26.5	21.0	31.6	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.068 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 228476

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

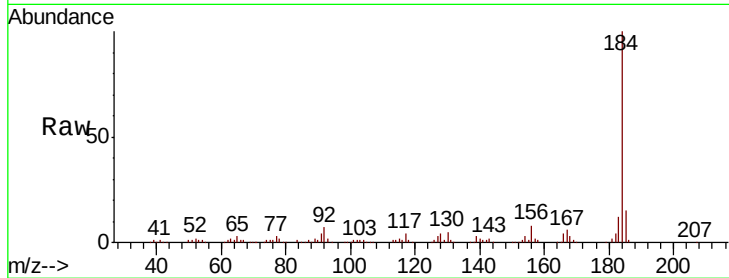
183 12.1 9.4 14.2

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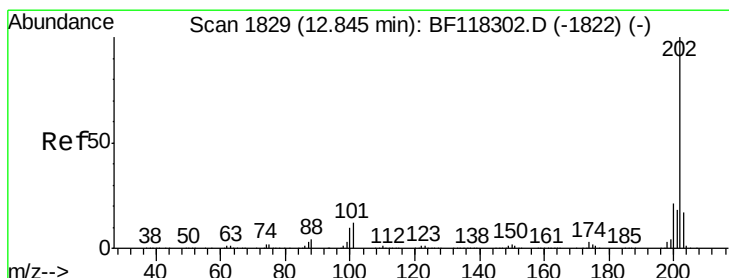
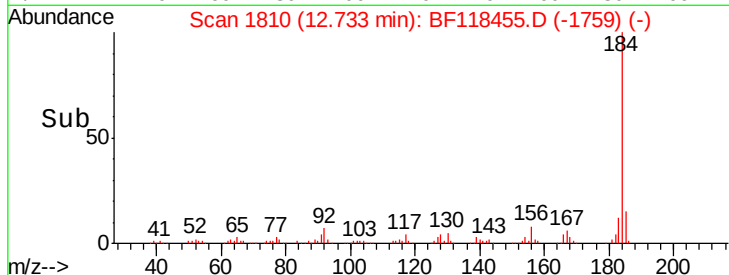
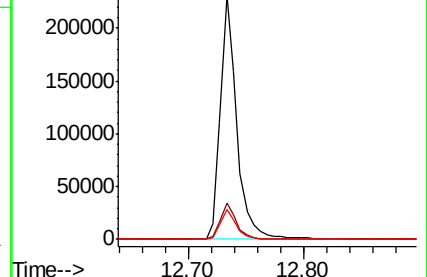
1/6/2020 11:43:45 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.095 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118455.D

Acq: 3 Jan 2020 12:08

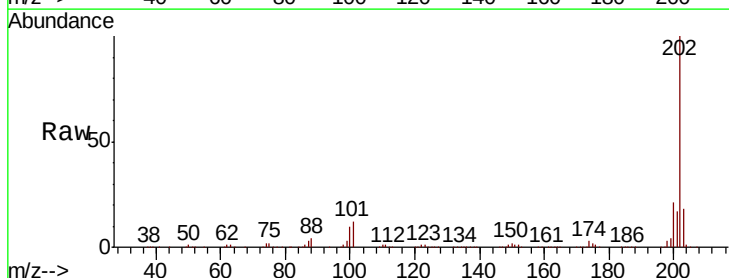
Tgt Ion:202 Resp: 817350

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

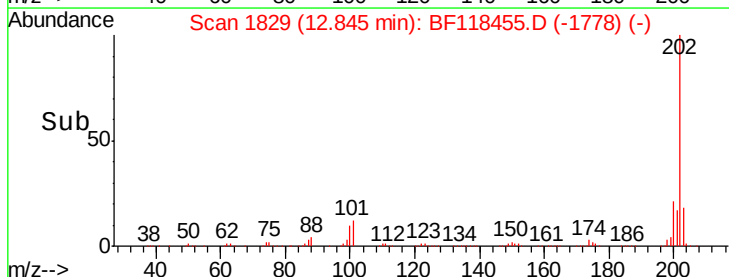
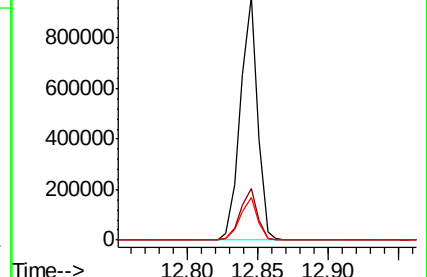
203 17.6 13.9 20.9

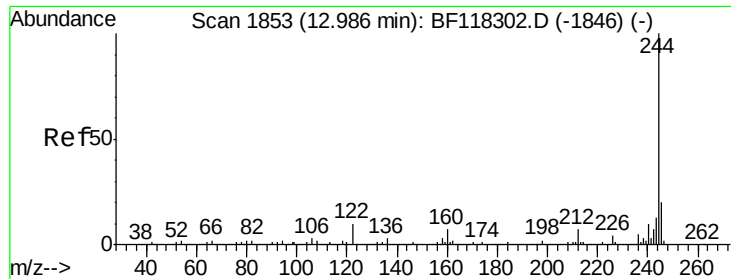


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





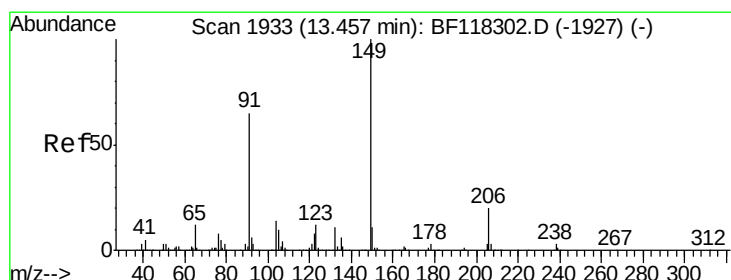
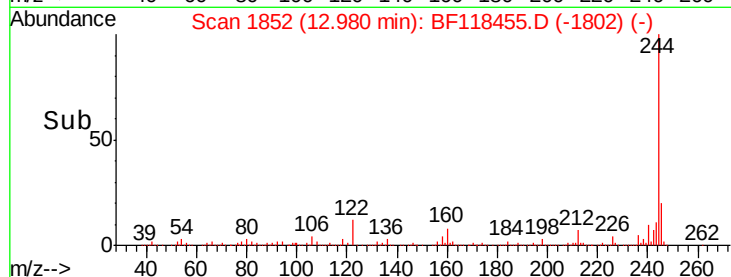
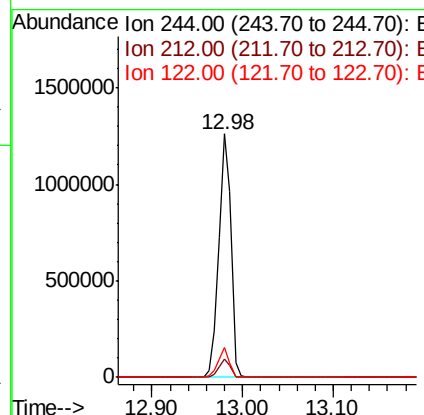
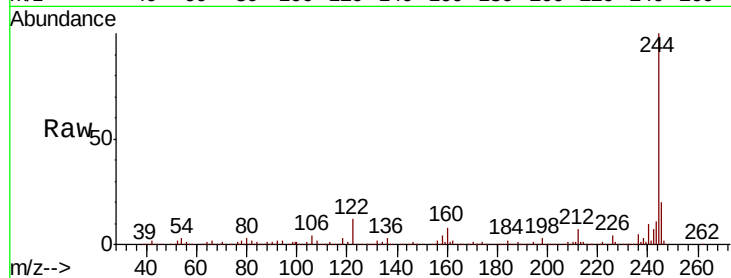
#79
Terphenyl-d14
Concen: 82.062 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:244 Resp: 1176125
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 12.0 7.8 11.8#

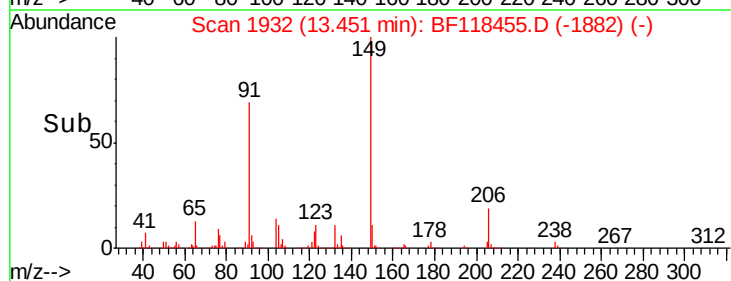
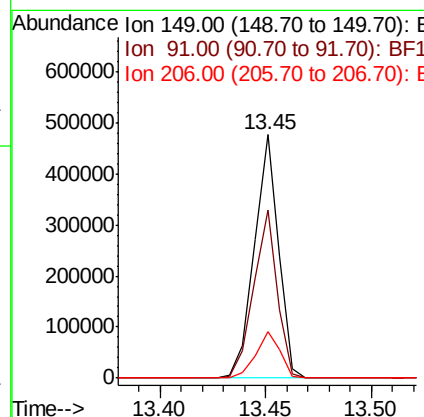
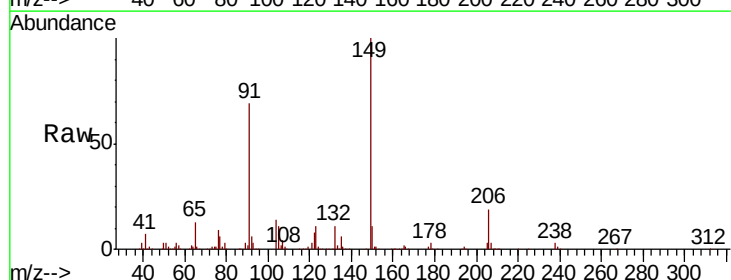
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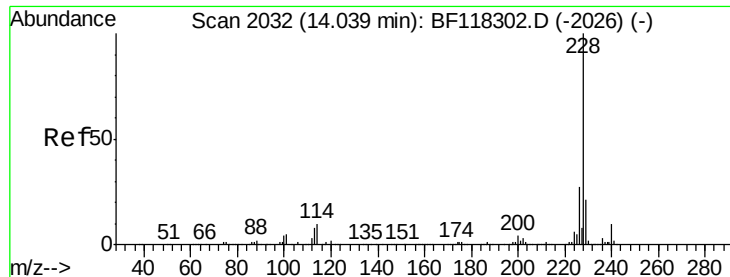
mohammad
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#80
Butylbenzylphthalate
Concen: 43.637 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion:149 Resp: 381499
Ion Ratio Lower Upper
149 100
91 68.9 51.8 77.6
206 18.8 15.7 23.5





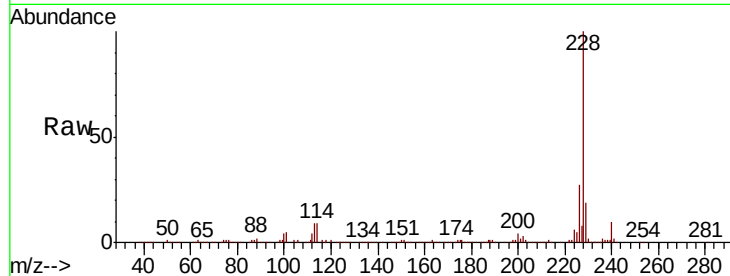
#81
Benzo(a)anthracene
Concen: 40.658 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.0	33.0
229	19.3	16.6	24.8

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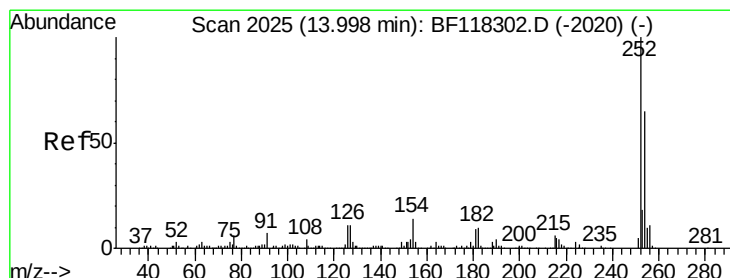
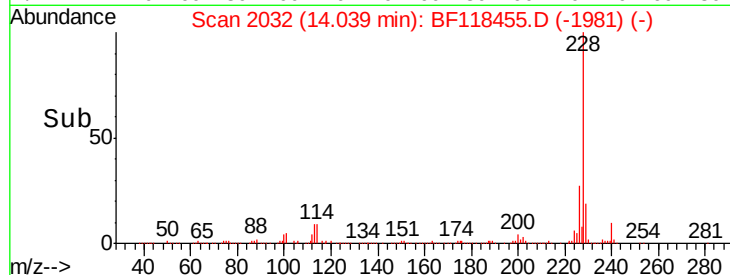
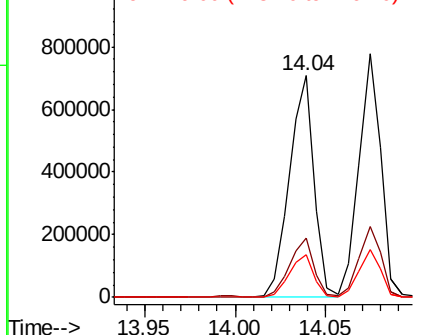


Abundance

Ion 228.00 (227.70 to 228.70): E

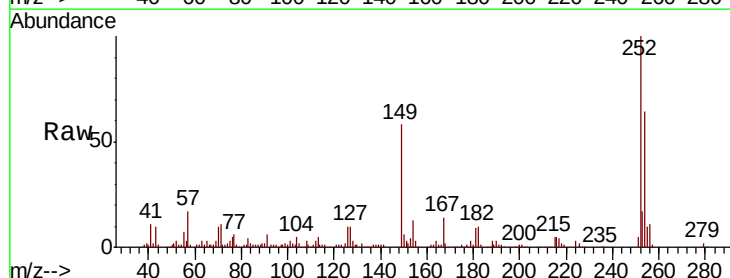
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 40.609 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.8	77.8
126	9.6	8.7	13.1

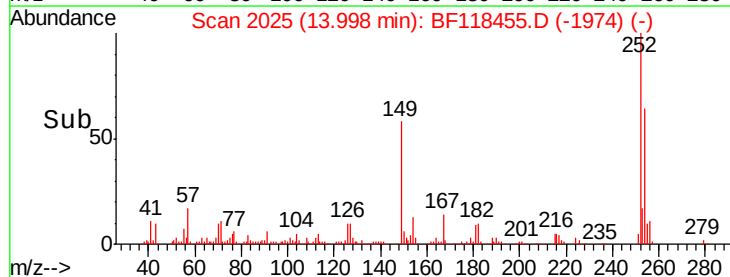
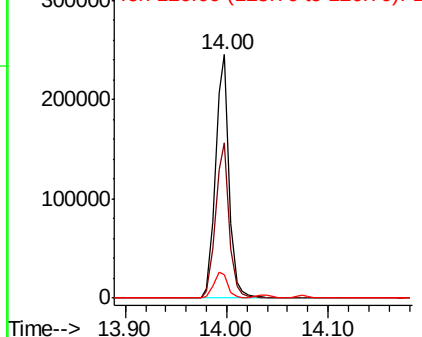


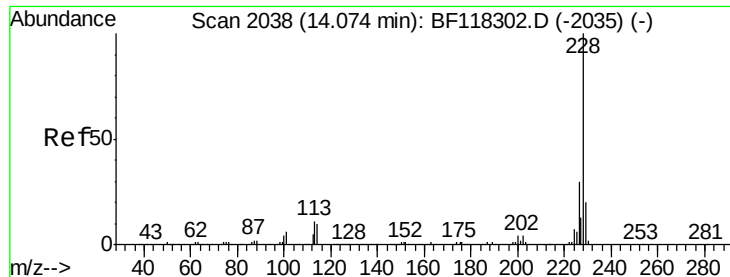
Abundance

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





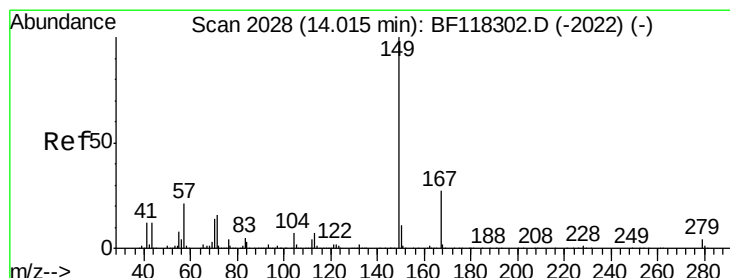
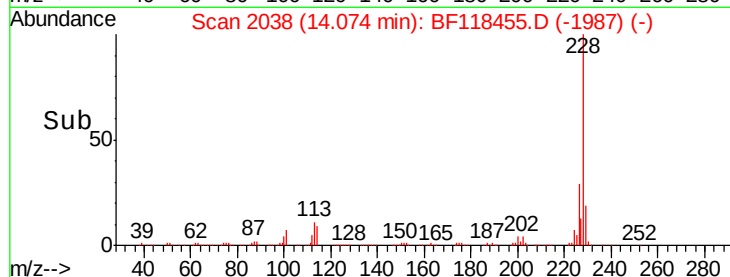
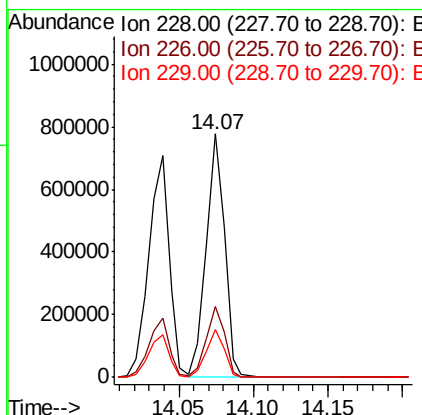
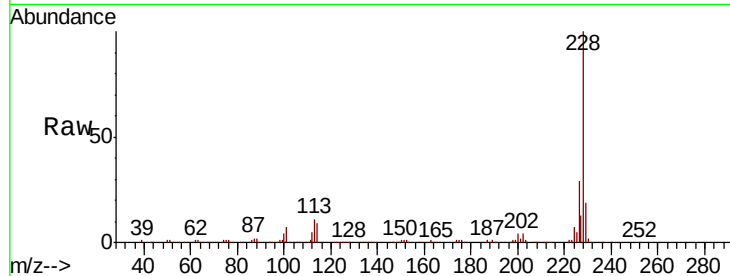
#83
Chrysene
Concen: 41.304 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	19.5	16.1	24.1

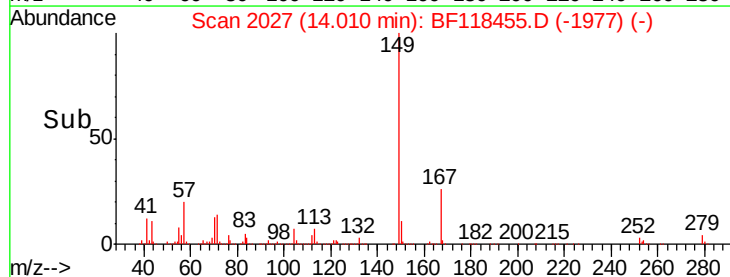
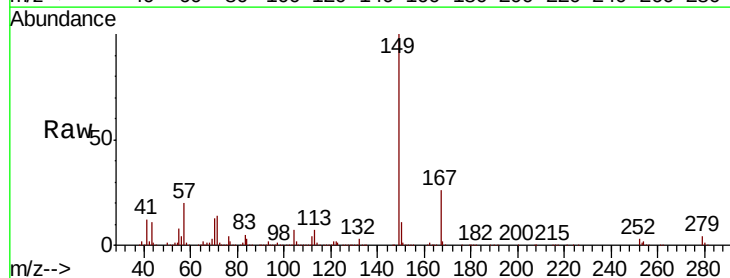
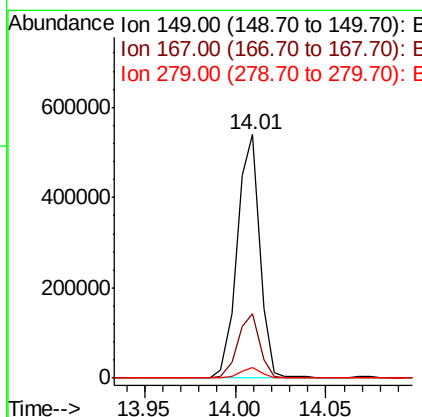
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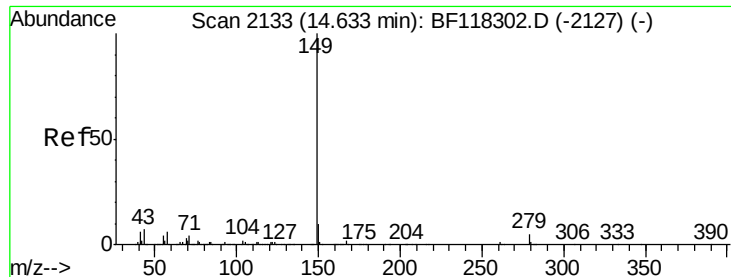
mohammad
1/6/2020 11:43:45 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.761 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.4	3.4	5.2





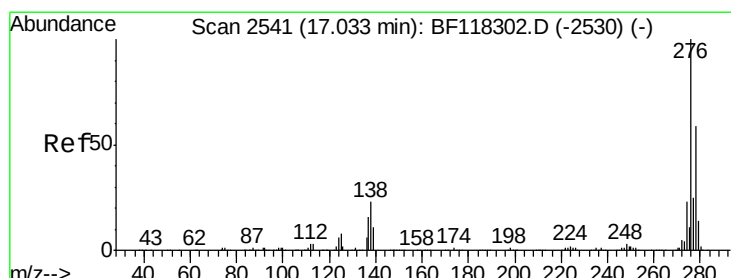
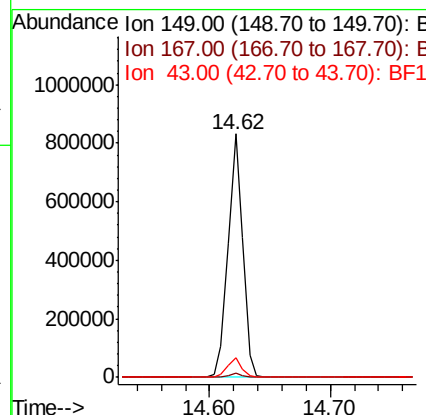
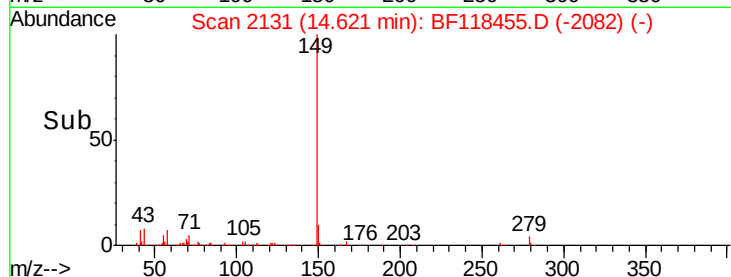
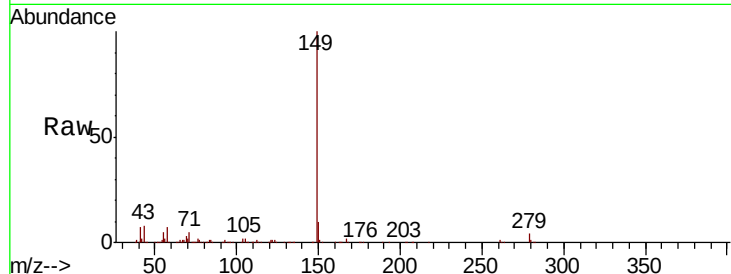
#85
Di-n-octyl phthalate
Concen: 41.133 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.1	9.1

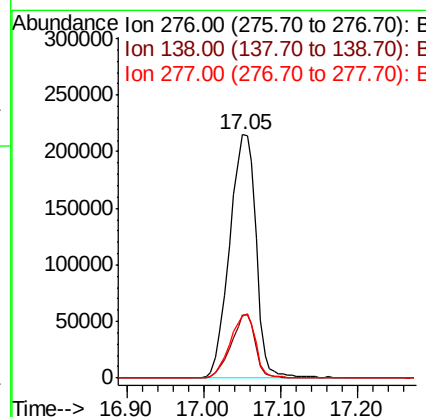
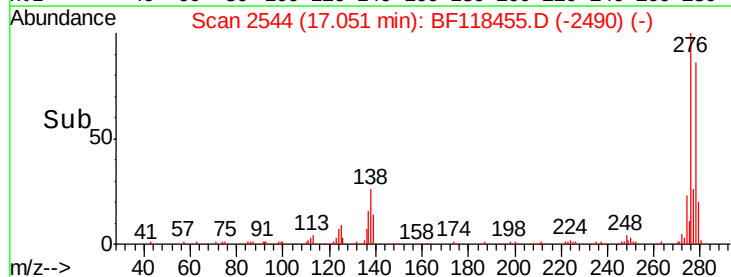
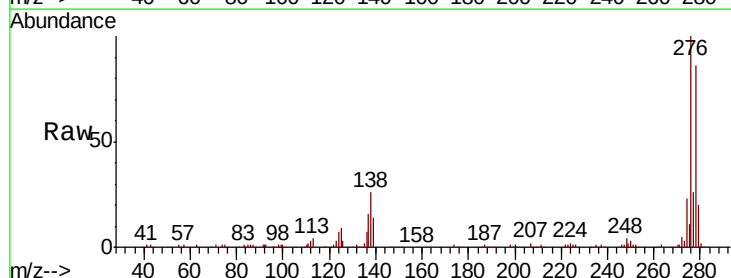
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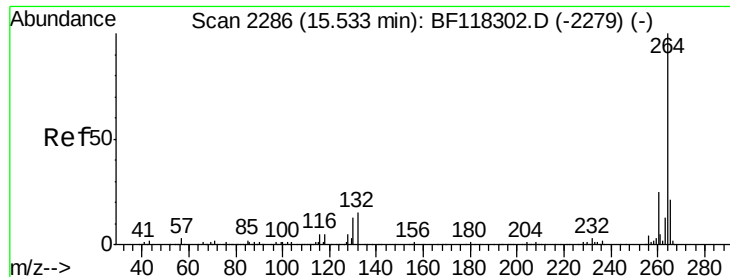
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.036 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.5	29.3
277	25.5	20.6	30.8





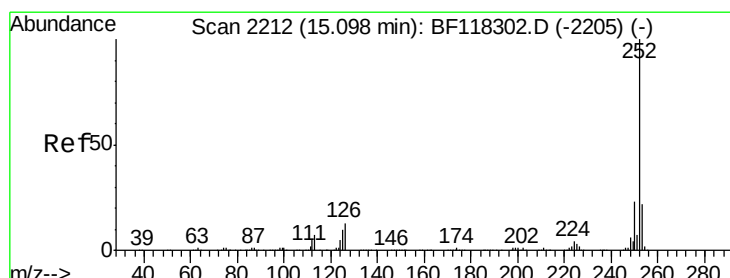
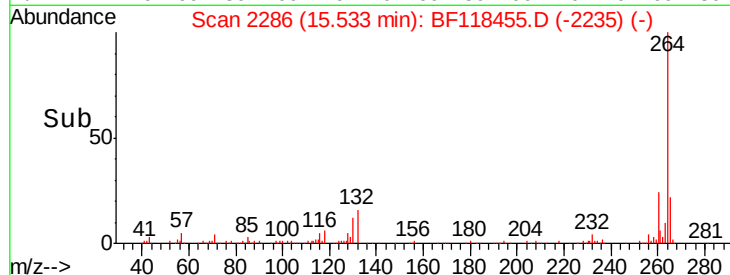
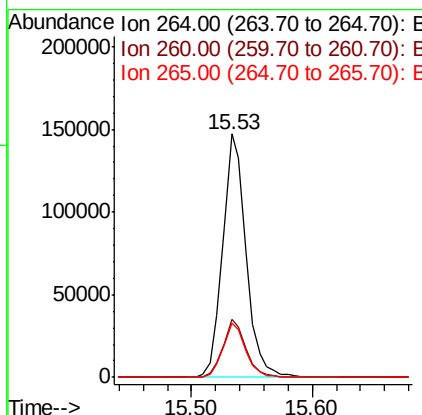
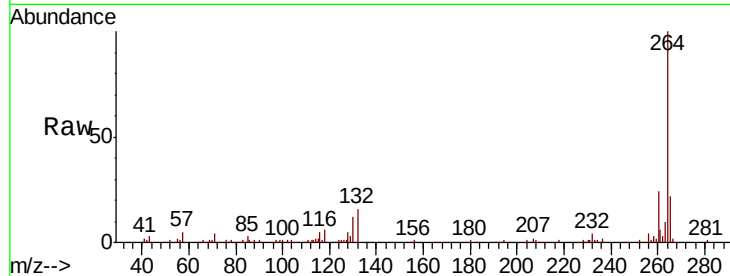
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	22.0	17.0	25.4

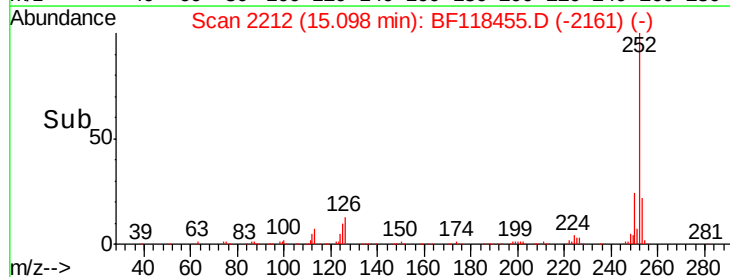
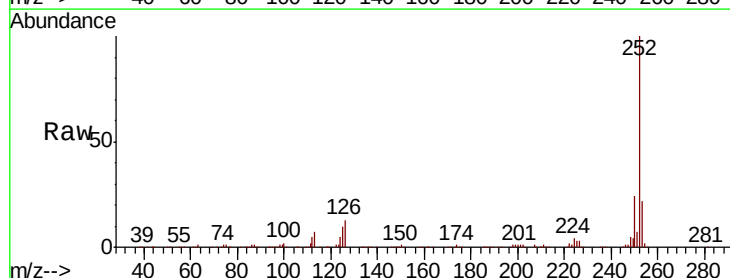
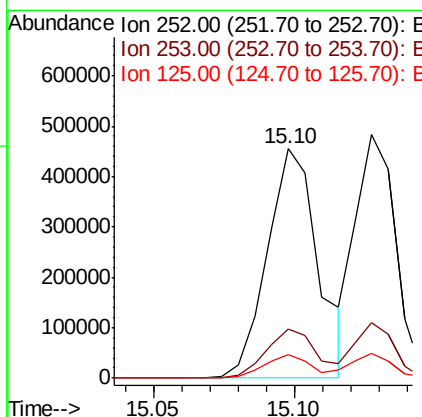
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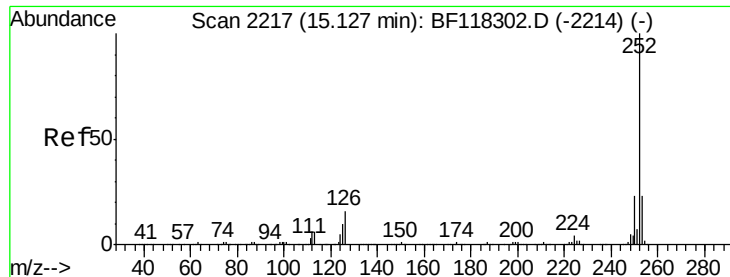
mohammad
1/6/2020 11:43:45 AM



#88
Benzo(b)fluoranthene
Concen: 43.563 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.3	7.7	11.5





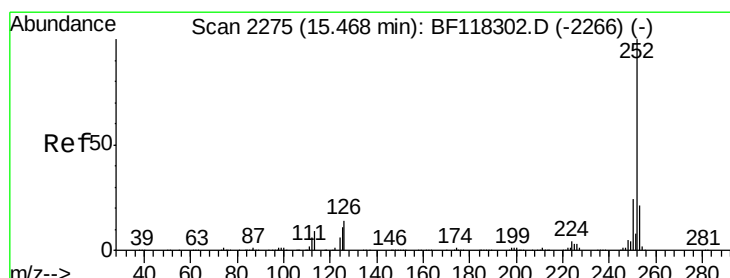
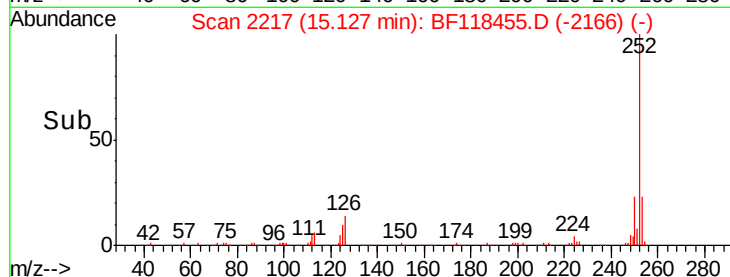
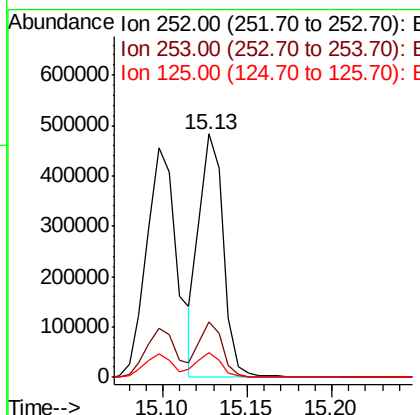
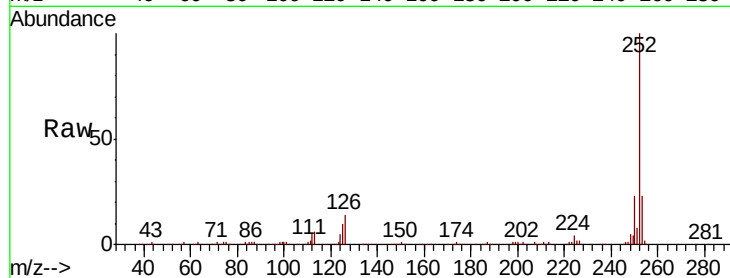
#89
Benzo(k)fluoranthene
Concen: 38.356 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.3	8.0	12.0

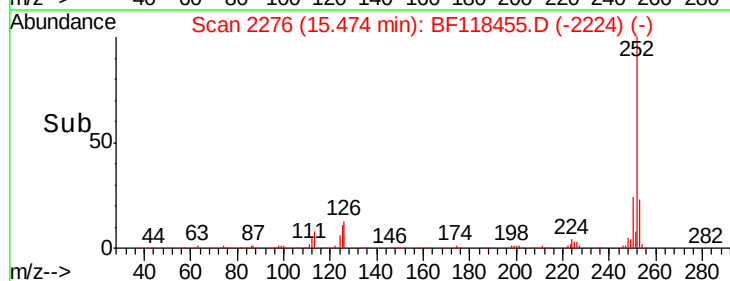
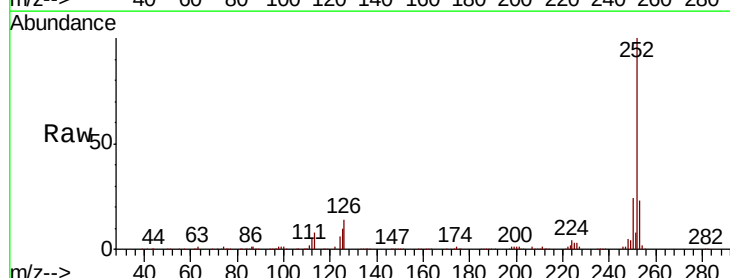
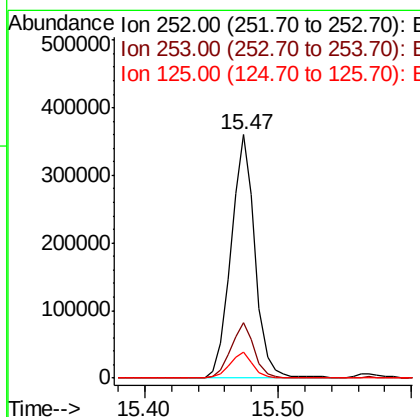
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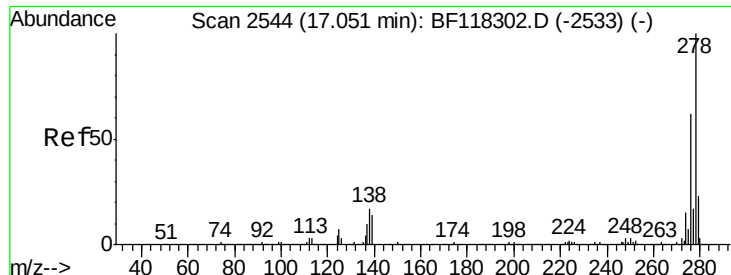
mohammad
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#90
Benzo(a)pyrene
Concen: 39.271 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.5	9.0	13.4





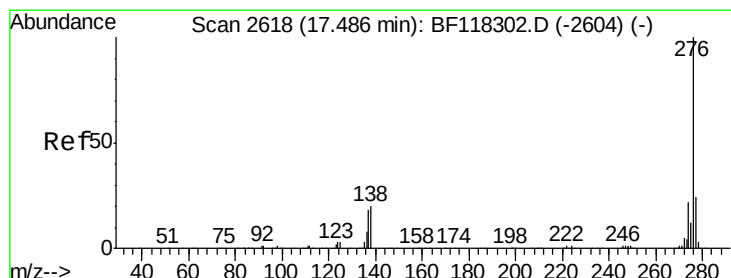
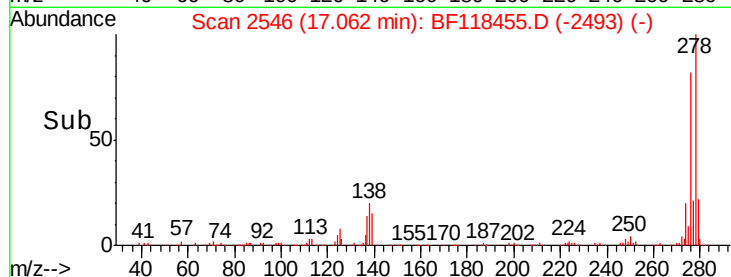
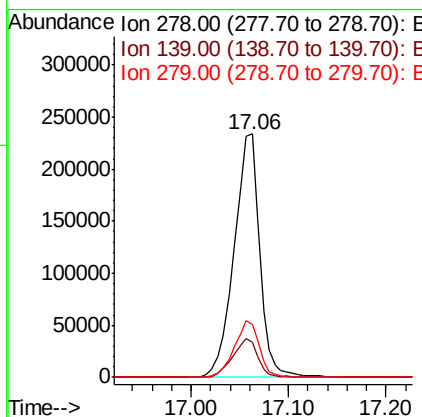
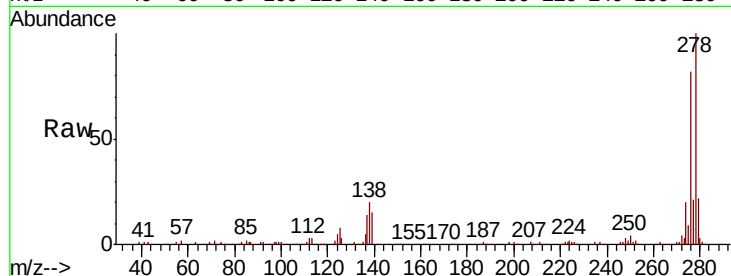
#91
Dibenzo(a,h)anthracene
Concen: 42.777 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.5	17.3
279	22.0	18.3	27.5

Manual Integrations
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1/6/2020 11:43:45 AM



#92
Benzo(g,h,i)perylene
Concen: 39.724 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118455.D
Acq: 3 Jan 2020 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	19.1	16.1	24.1

