

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119371.D
 Acq On : 12 Mar 2020 9:50
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 3/16/2020 1:47:15 PM

Quant Time: Mar 12 23:50:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112400	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	423668	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	232167	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	430137	20.00	ng	0.00
76) Chrysene-d12	13.90	240	312439	20.00	ng	0.01
87) Perylene-d12	15.33	264	281331	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	571029	84.90	ng	0.00
7) Phenol-d6	6.38	99	678401	82.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	656024	81.76	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	230752	75.98	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1229023	77.99	ng	0.00
79) Terphenyl-d14	12.83	244	1482244	81.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	111008	37.070	ng	97
3) Pyridine	3.09	79	294576	36.020	ng	99
4) n-Nitrosodimethylamine	3.05	42	98382	39.711	ng	90
6) Aniline	6.39	93	411003	40.721	ng	# 66
8) 2-Chlorophenol	6.52	128	302832	41.722	ng	99
9) Benzaldehyde	6.28	77	187229	34.259	ng	97
10) Phenol	6.39	94	362164	40.951	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	270504	39.975	ng	96
12) 1,3-Dichlorobenzene	6.66	146	351339	40.385	ng	99
13) 1,4-Dichlorobenzene	6.74	146	360907	41.457	ng	98
14) 1,2-Dichlorobenzene	6.89	146	330039	41.569	ng	99
15) Benzyl Alcohol	6.88	79	261093	44.164	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	232460	39.657	ng	# 29
17) 2-Methylphenol	7.00	107	240267	40.828	ng	# 92
18) Hexachloroethane	7.23	117	126645	40.662	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	208127	43.666	ng	95
20) 3+4-Methylphenols	7.16	107	326651	45.307	ng	89
22) Acetophenone	7.14	105	411486	41.977	ng	# 94
24) Nitrobenzene	7.31	77	327943	41.329	ng	94
25) Isophorone	7.55	82	543399	38.994	ng	99
26) 2-Nitrophenol	7.63	139	165436	39.349	ng	93
27) 2,4-Dimethylphenol	7.67	122	221927	38.894	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	349082	38.486	ng	98
29) 2,4-Dichlorophenol	7.89	162	265378	39.506	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	302501	37.982	ng	98
31) Naphthalene	8.03	128	873246	39.743	ng	98
32) Benzoic acid	7.85	122	138094	35.232	ng	100
33) 4-Chloroaniline	8.09	127	378803	40.083	ng	99
34) Hexachlorobutadiene	8.14	225	191499	38.601	ng	97
35) Caprolactam	8.47	113	82296m	39.788	ng	
36) 4-Chloro-3-methylphenol	8.59	107	279270	41.080	ng	100
37) 2-Methylnaphthalene	8.72	142	585488	39.596	ng	99
38) 1-Methylnaphthalene	8.82	142	547309	39.357	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	302265	38.615	ng	100

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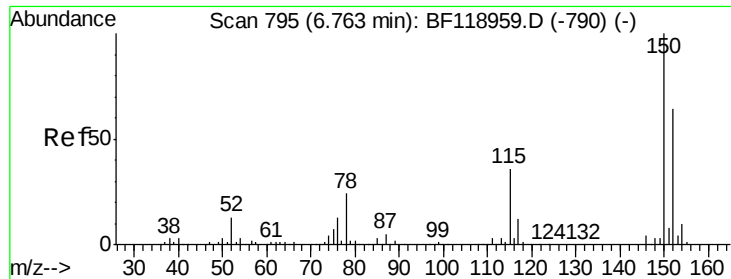
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	69057	30.785	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	181437	36.705	nq	97
44) 2,4,5-Trichlorophenol	9.07	196	172945	33.341	nq	99
46) 1,1'-Biphenyl	9.18	154	738517	39.359	nq	99
47) 2-Chloronaphthalene	9.21	162	593465	39.248	nq	98
48) 2-Nitroaniline	9.32	65	181379	43.007	nq	94
49) Acenaphthylene	9.62	152	851686	38.998	nq	99
50) Dimethylphthalate	9.49	163	689569	38.842	nq	99
51) 2,6-Dinitrotoluene	9.56	165	151101	38.309	nq #	80
52) Acenaphthene	9.79	154	526565	39.987	nq	99
53) 3-Nitroaniline	9.73	138	174987	40.018	nq	93
54) 2,4-Dinitrophenol	9.87	184	54840	33.409	nq #	84
55) Dibenzofuran	9.97	168	768368	39.092	nq	98
56) 4-Nitrophenol	9.93	139	73710	28.056	nq	98
57) 2,4-Dinitrotoluene	9.97	165	202022	39.515	nq	88
58) Fluorene	10.31	166	625190	40.934	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	162539	37.136	nq	97
60) Diethylphthalate	10.19	149	668437	39.953	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	328317	40.611	nq	97
62) 4-Nitroaniline	10.35	138	167849	37.519	nq	92
63) Azobenzene	10.46	77	595011	40.916	nq	94
65) 4,6-Dinitro-2-methylphenol	10.39	198	95871	36.834	nq	93
66) n-Nitrosodiphenylamine	10.42	169	551202	39.136	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	213594	37.990	nq	97
68) Hexachlorobenzene	10.86	284	249868	38.546	nq	96
69) Atrazine	10.95	200	163605	33.247	nq	99
70) Pentachlorophenol	11.07	266	93607	35.847	nq	100
71) Phenanthrene	11.27	178	936244	39.912	nq	98
72) Anthracene	11.33	178	941420	40.166	nq	98
73) Carbazole	11.49	167	858708	41.125	nq	98
74) Di-n-butylphthalate	11.80	149	1005710	39.773	nq	99
75) Fluoranthene	12.46	202	991155	39.806	nq	99
77) Benzidine	12.59	184	471527	37.109	nq	99
78) Pyrene	12.69	202	998404	39.795	nq	98
80) Butylbenzylphthalate	13.30	149	416470	39.442	nq	94
81) Benzo(a)anthracene	13.89	228	868142	40.780	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	327623	39.633	nq	99
83) Chrysene	13.92	228	847145	39.937	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	531083	39.812	nq #	97
85) Di-n-octyl phthalate	14.47	149	804772	37.864	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	685125	33.357	nq	99
88) Benzo(b)fluoranthene	14.92	252	735043	39.638	nq	99
89) Benzo(k)fluoranthene	14.95	252	742037	43.180	nq	97
90) Benzo(a)pyrene	15.27	252	661304	39.513	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	560314	38.049	nq	99
92) Benzo(g,h,i)perylene	17.18	276	548102	37.670	nq	99

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



#1

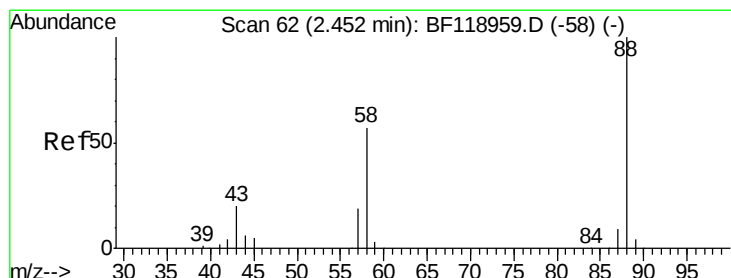
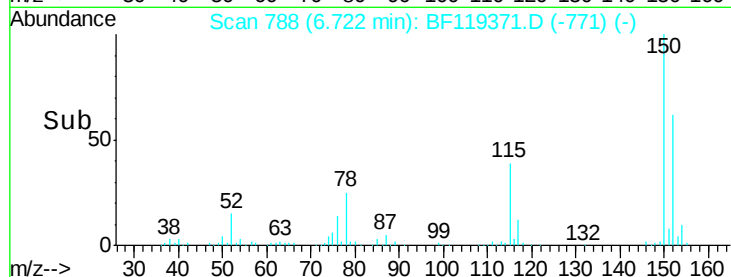
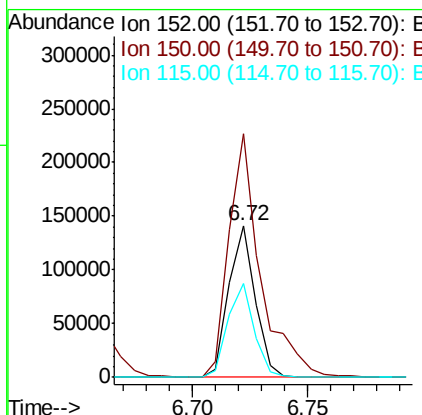
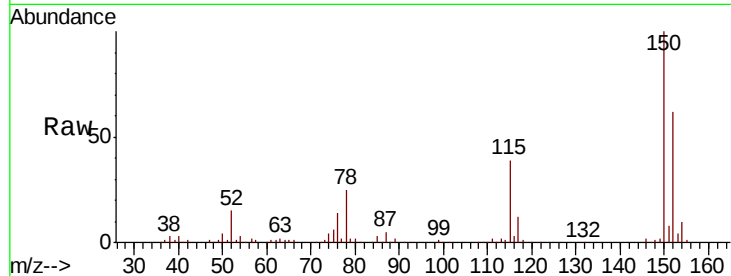
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.0	184.6
115	62.4	49.5	74.3

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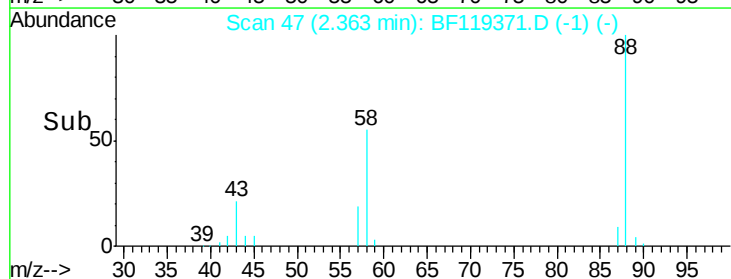
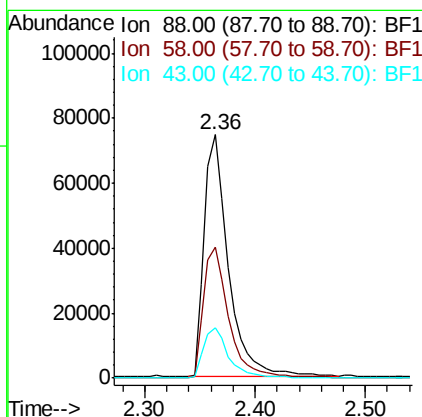
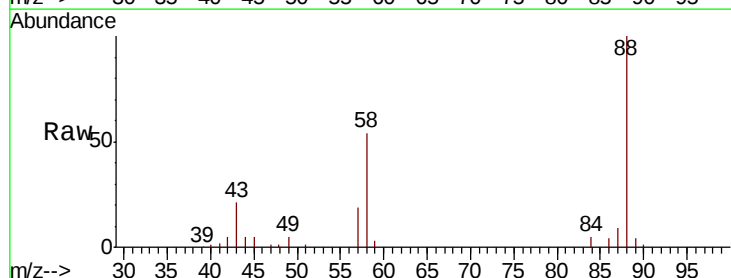
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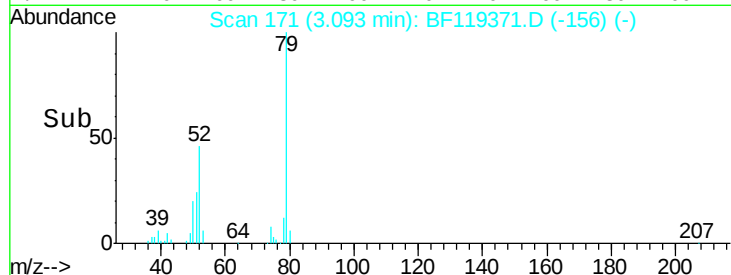
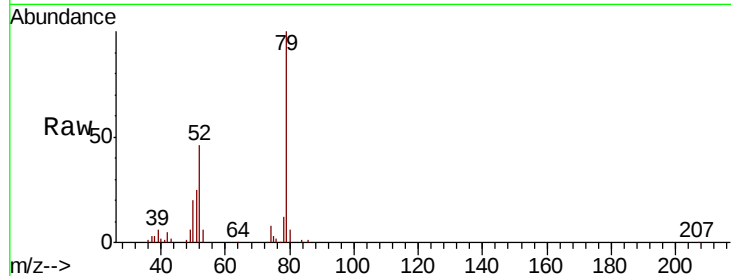
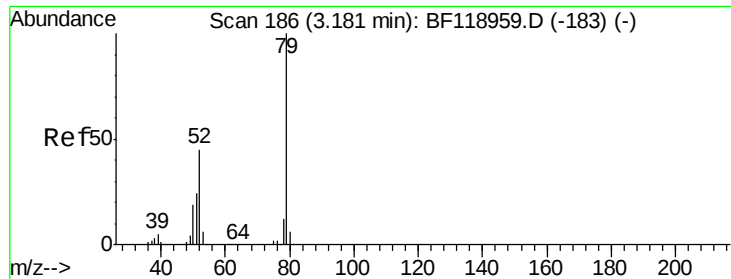


#2

1,4-Dioxane
Concen: 37.070 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.7	43.8	65.6
43	22.2	16.2	24.4





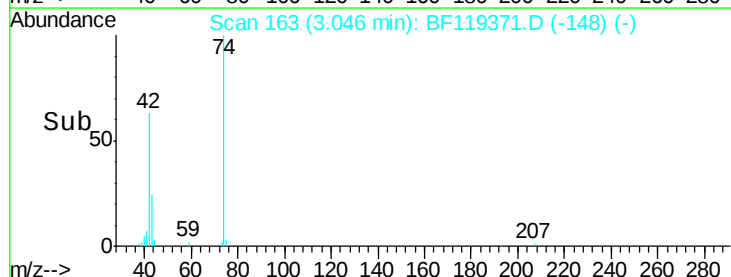
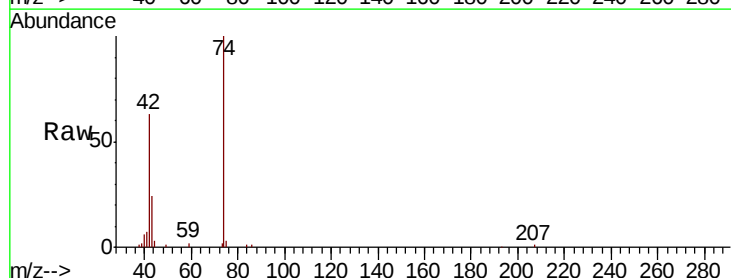
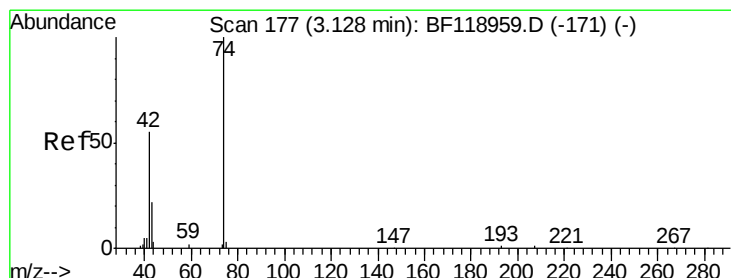
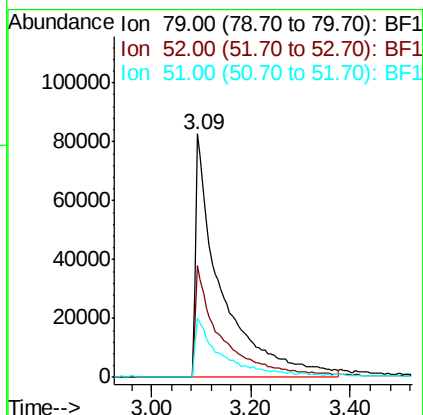
#3
Pvridine
Concen: 36.020 ng
RT: 3.09 min Scan# 171
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.2	37.4	56.0
51	24.5	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

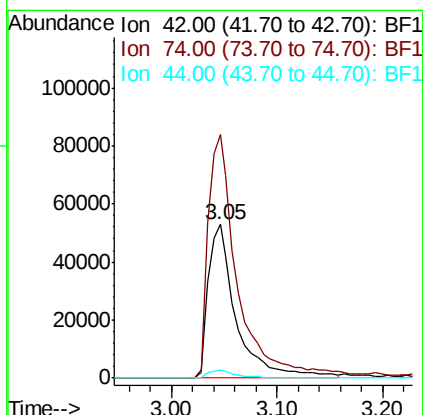
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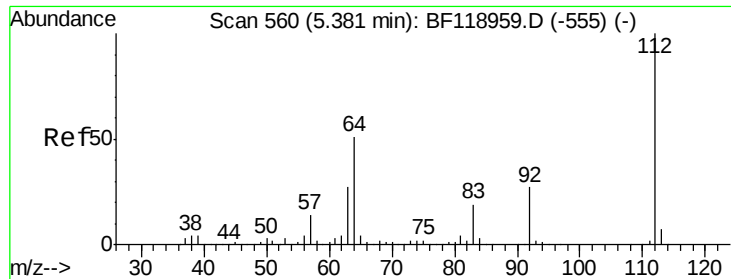
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#4
n-Nitrosodimethylamine
Concen: 39.711 ng
RT: 3.05 min Scan# 163
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.4	137.7	206.5
44	5.0	4.5	6.7





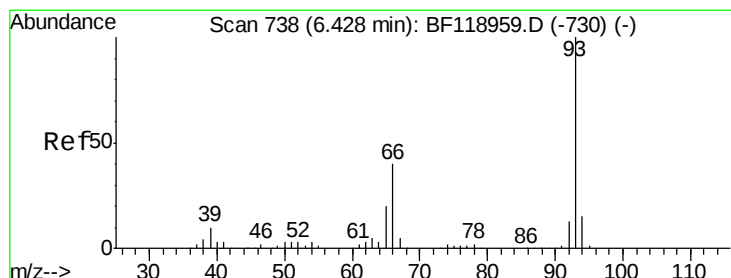
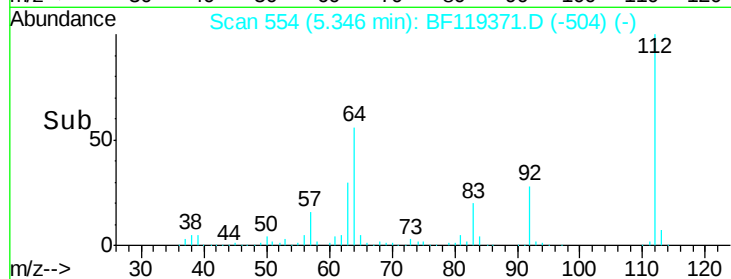
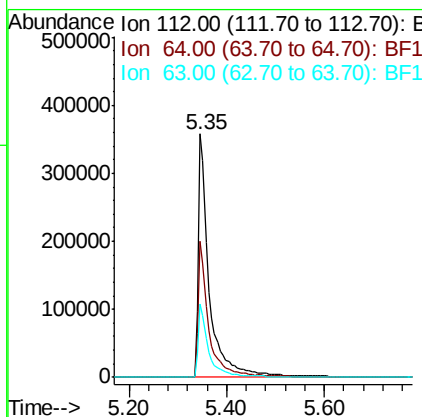
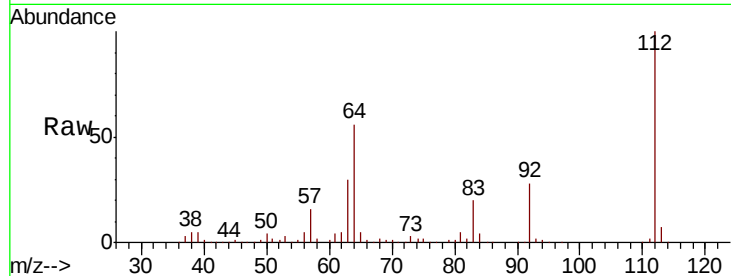
#5
2-Fluorophenol
Concen: 84.901 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	571029		
64	55.9	45.0	67.4	
63	30.1	24.2	36.4	

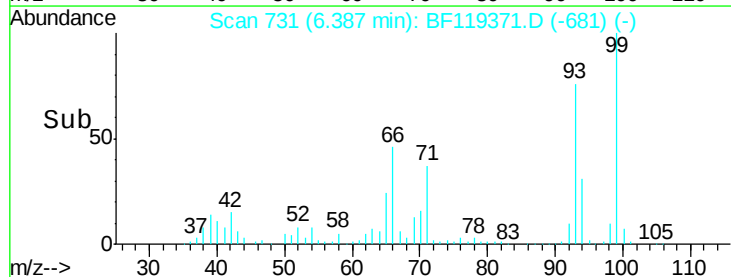
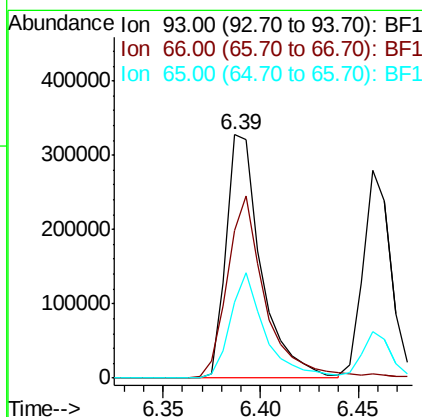
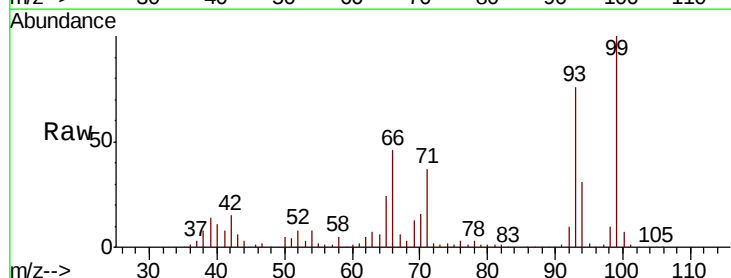
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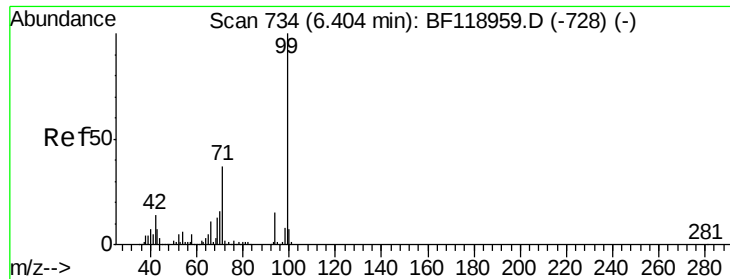
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#6
Aniline
Concen: 40.721 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	411003		
66	60.9	74.5	111.7#	
65	31.0	45.3	67.9#	





#7

Phenol-d6

Concen: 82.936 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

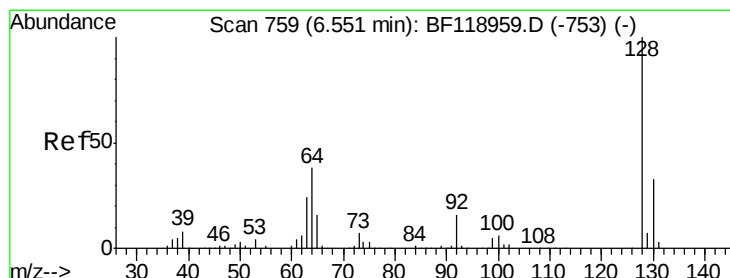
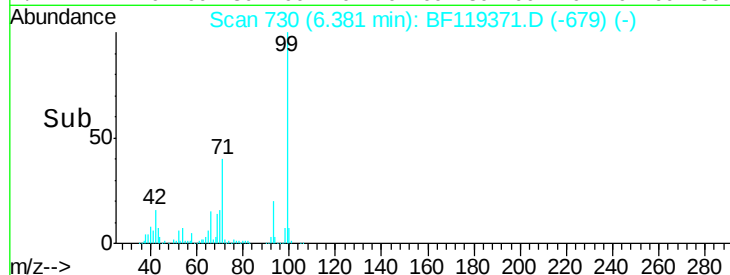
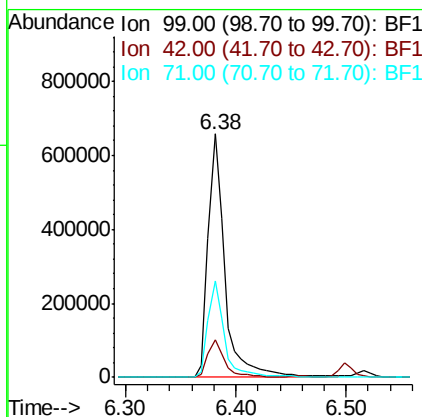
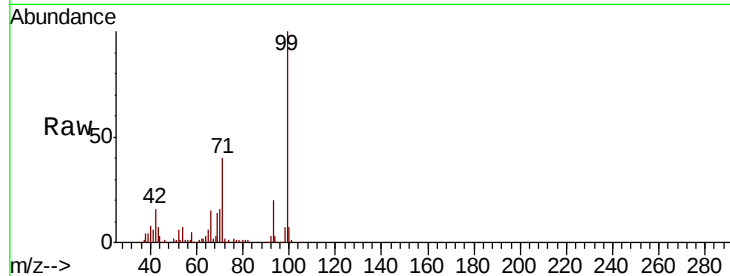
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	678401
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	39.8	31.0	46.4

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#8

2-Chlorophenol

Concen: 41.722 ng

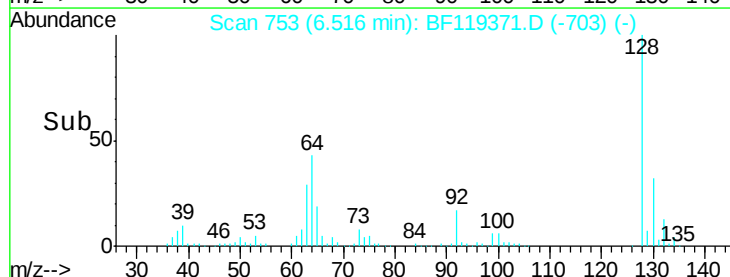
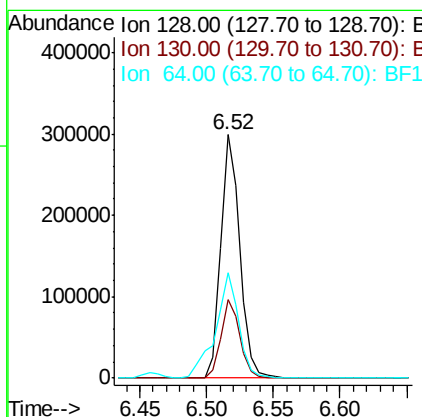
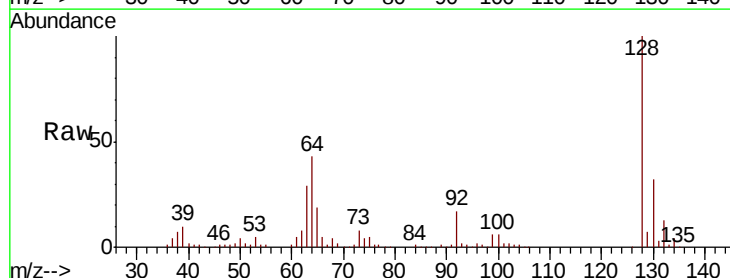
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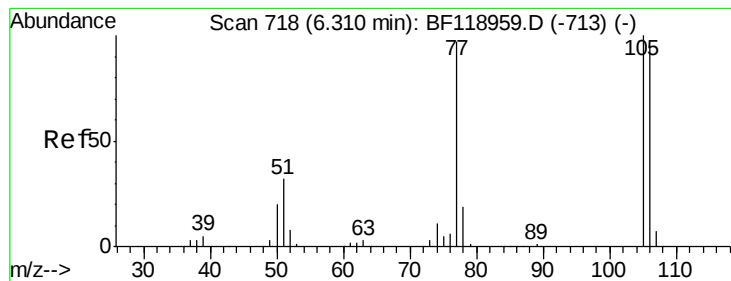
Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:	128	Resp:	302832
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	43.2	22.3	62.3





#9

Benzaldehyde

Concen: 34.259 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

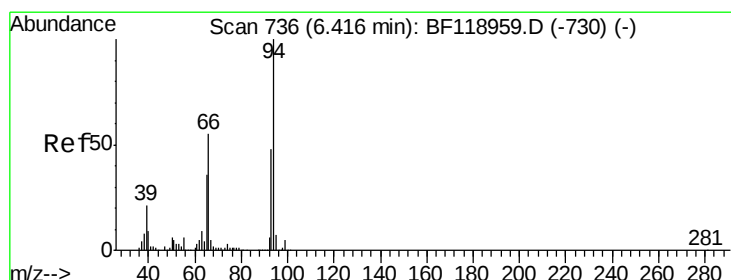
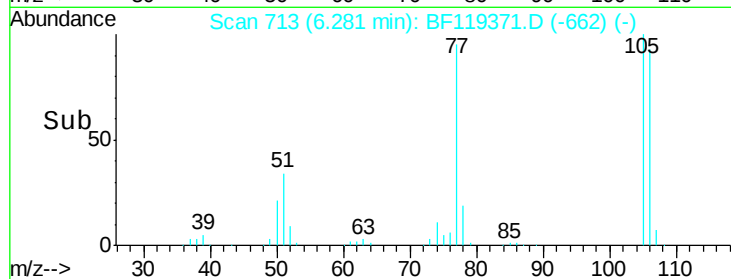
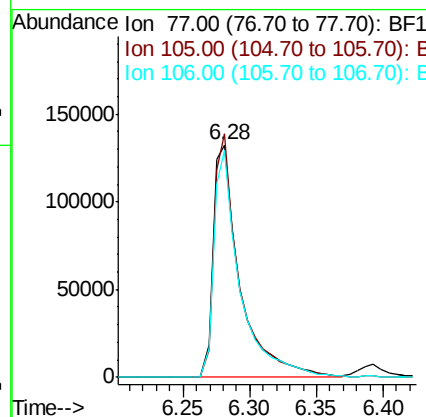
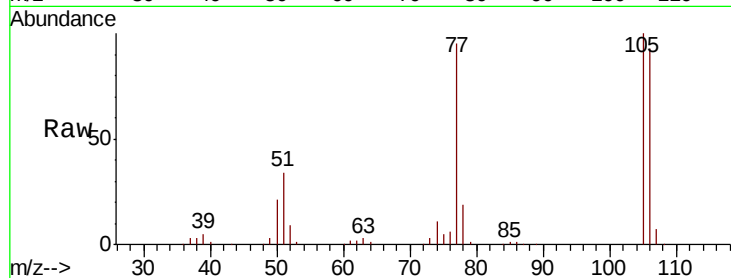
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	187229
Ion Ratio	Lower	Upper	
77	100		
105	104.8	80.1	120.1
106	97.5	75.9	115.9

Manual Integrations
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#10

Phenol

Concen: 40.951 ng

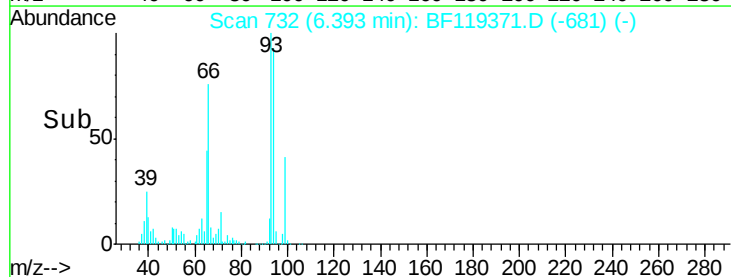
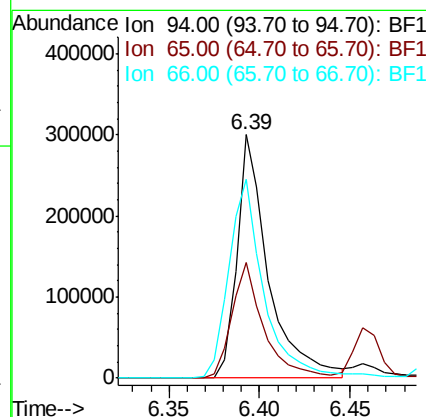
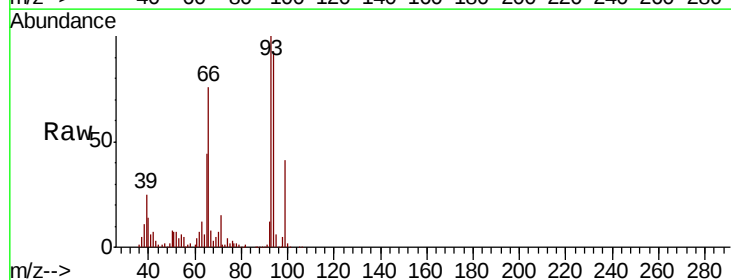
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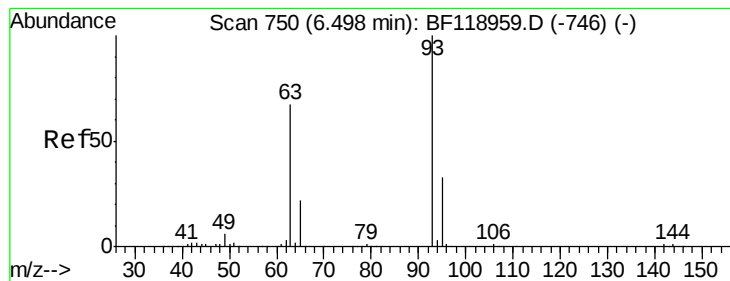
Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:	94	Resp:	362164
Ion Ratio	Lower	Upper	
94	100		
65	47.3	19.2	59.2
66	81.5	44.4	84.4





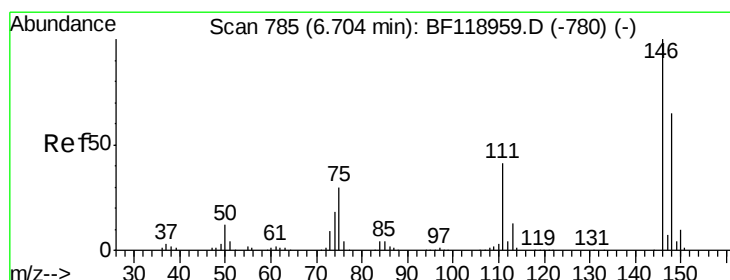
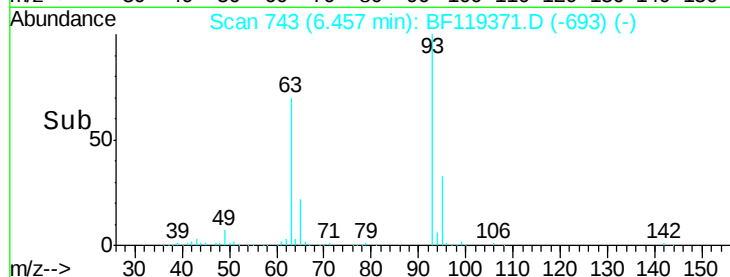
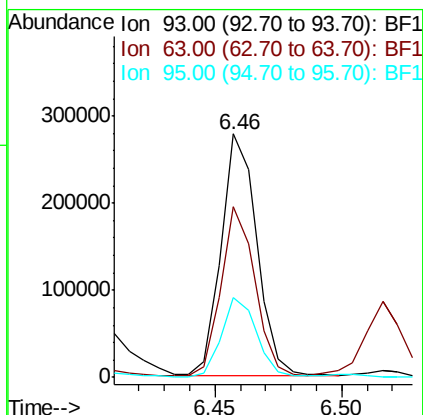
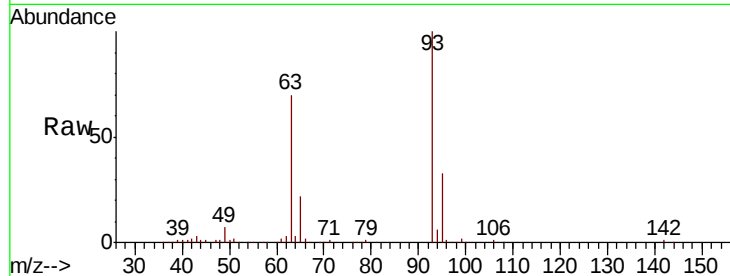
#11
bis(2-Chloroethyl)ether
Concen: 39.975 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	270504		
63	69.8		45.4	85.4
95	32.8		13.5	53.5

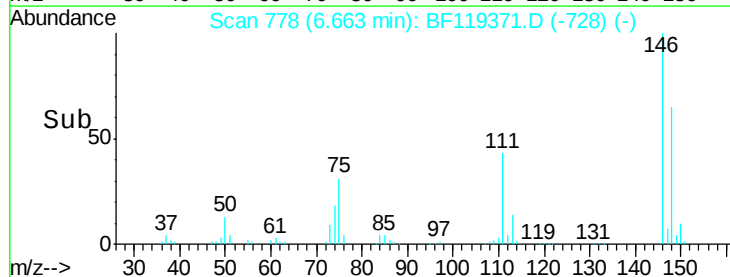
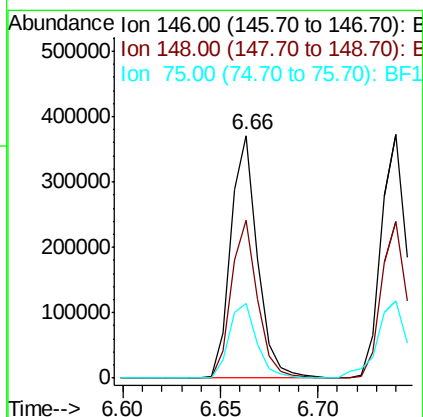
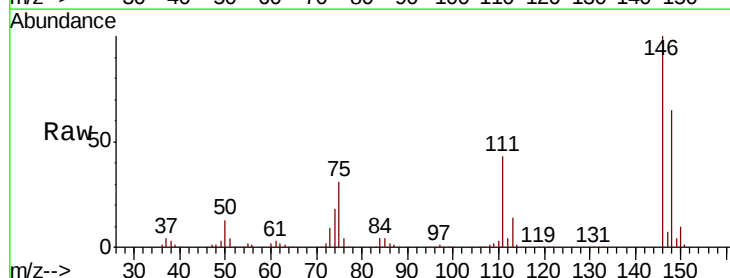
Manual Integrations
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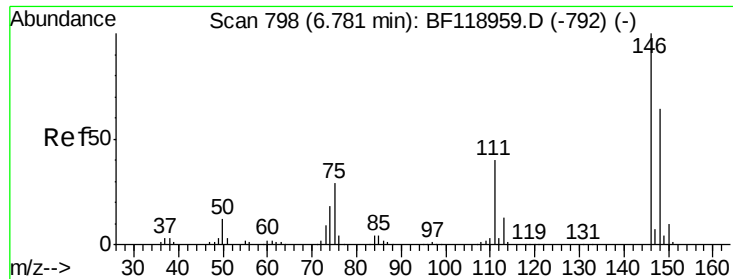
mohammad
3/16/2020 1:47:15 PM



#12
1,3-Dichlorobenzene
Concen: 40.385 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	351339		
148	65.1		52.5	78.7
75	30.6		23.6	35.4





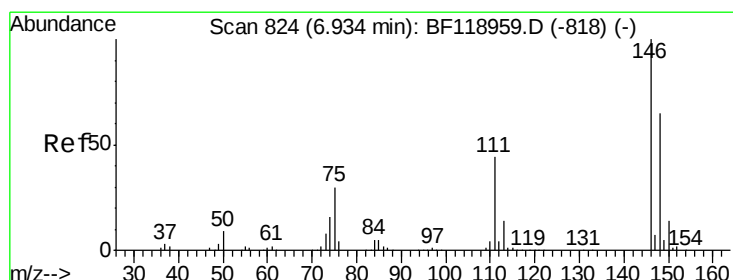
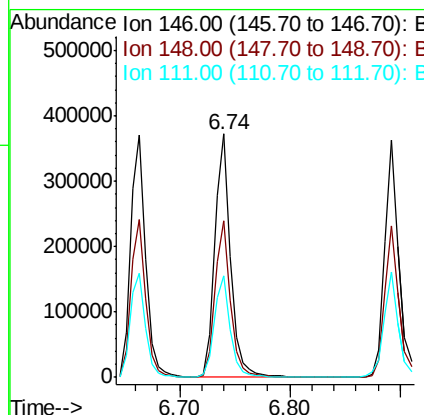
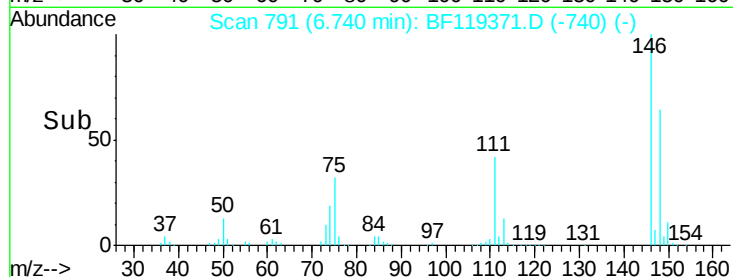
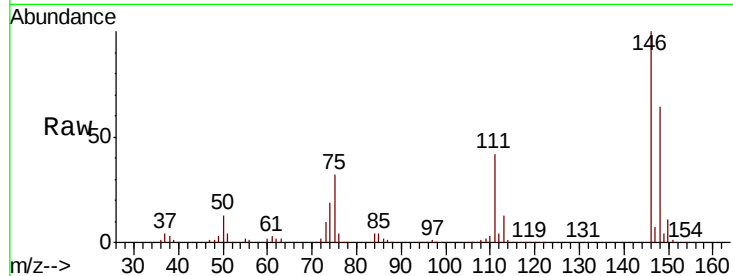
#13
 1,4-Dichlorobenzene
 Concen: 41.457 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	41.5	34.8	52.2

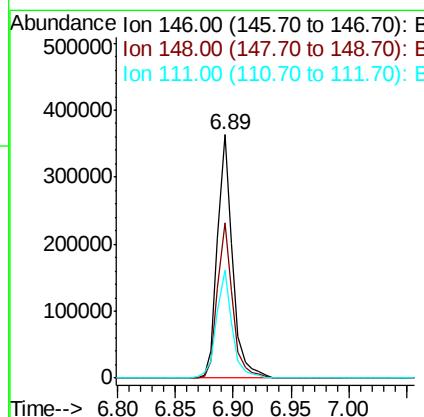
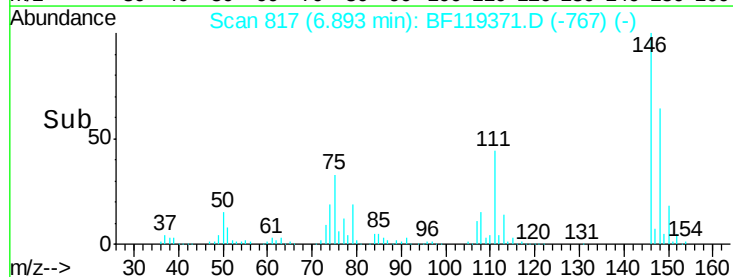
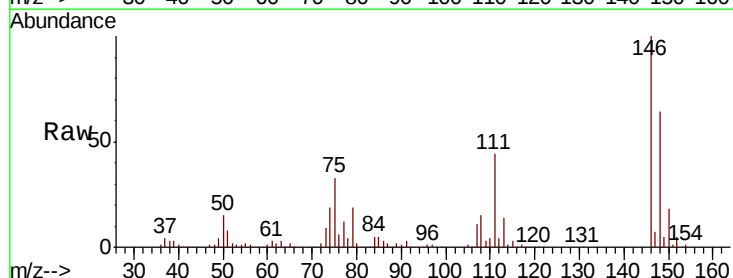
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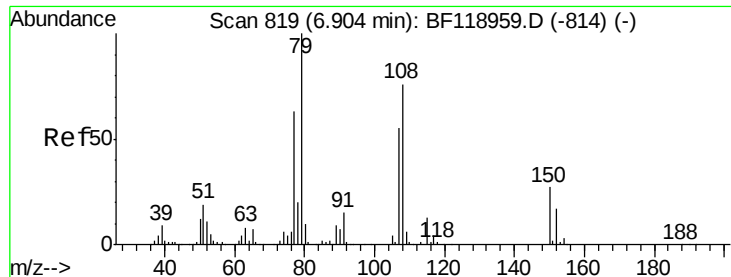
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.569 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	44.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.164 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

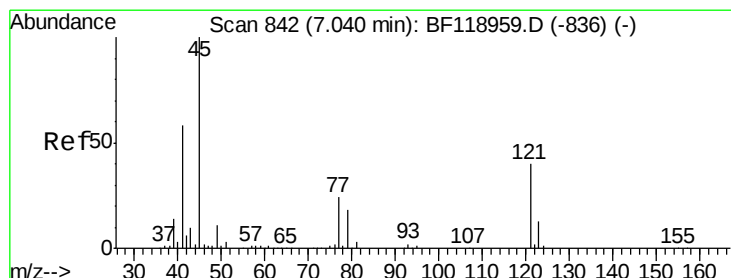
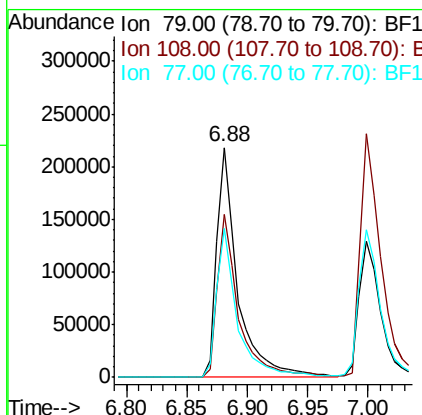
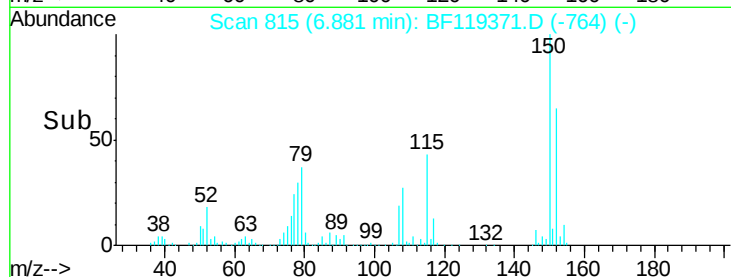
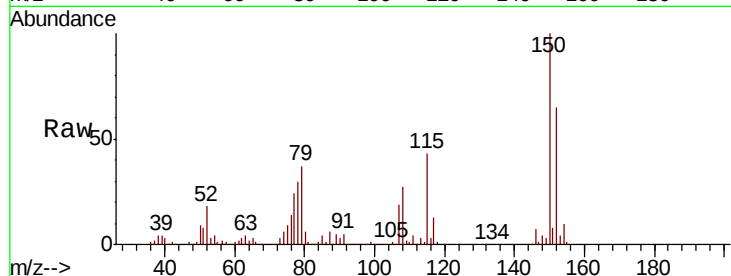
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	261093
Ion Ratio	Lower	Upper	
79	100		
108	71.2	58.2	87.2
77	64.7	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.657 ng

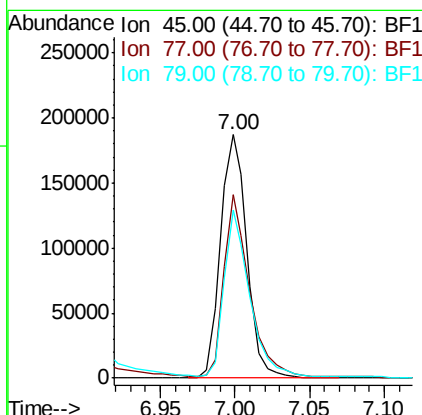
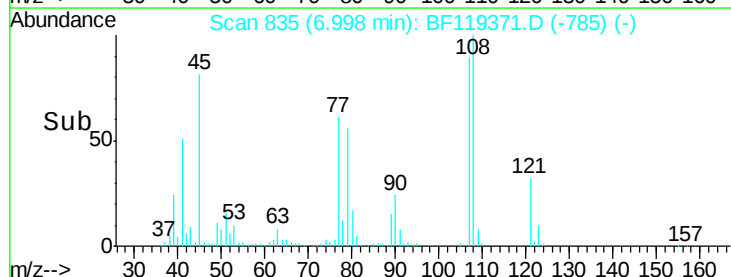
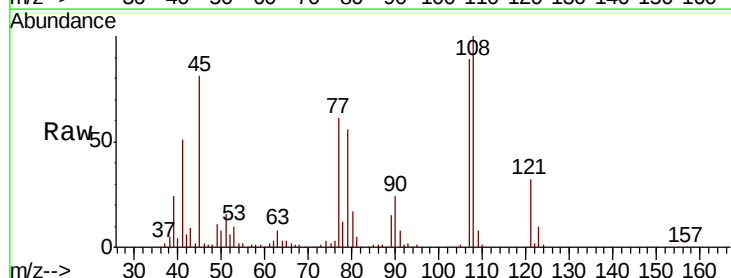
RT: 7.00 min Scan# 835

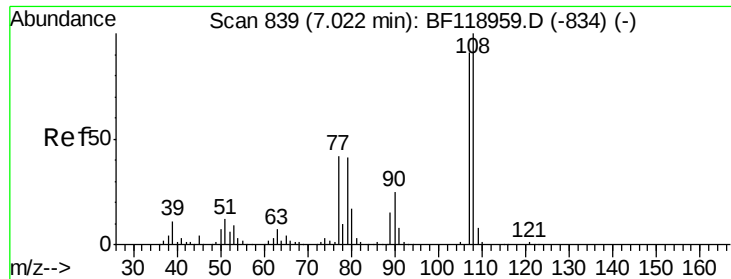
Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:	45	Resp:	232460
Ion Ratio	Lower	Upper	
45	100		
77	75.1	15.0	55.0#
79	68.8	9.4	49.4#





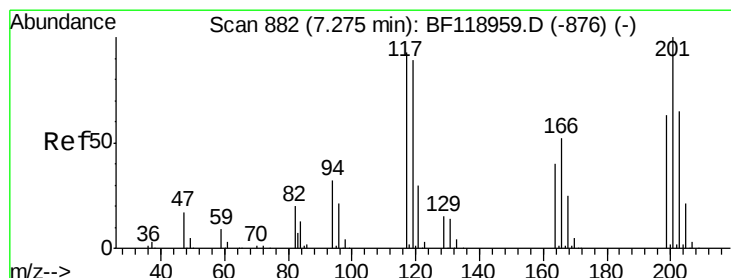
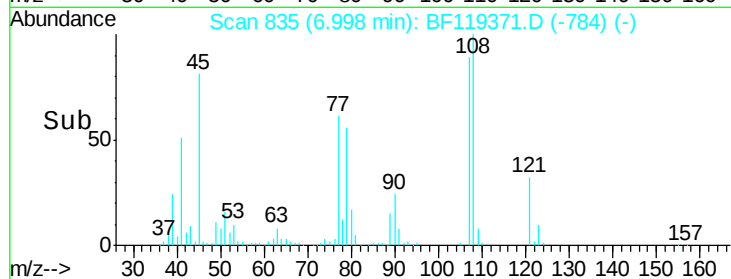
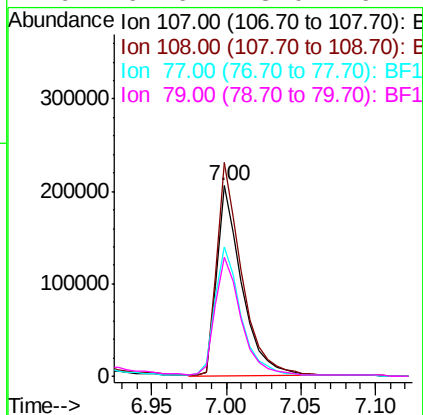
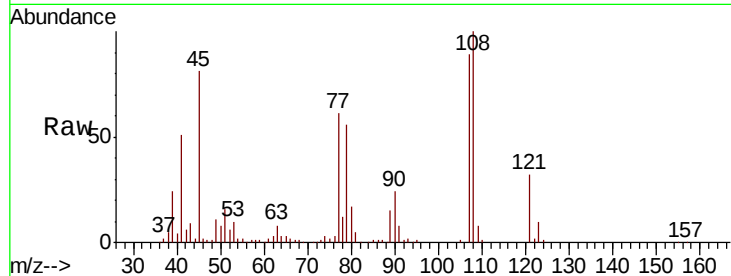
#17
2-Methylphenol
Concen: 40.828 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	87.9	131.9	
77	68.3	45.3	67.9	
79	62.6	43.0	64.4	

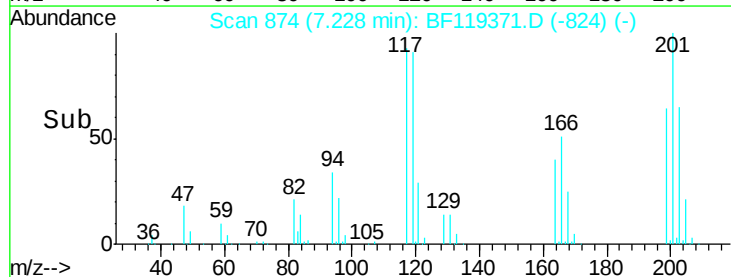
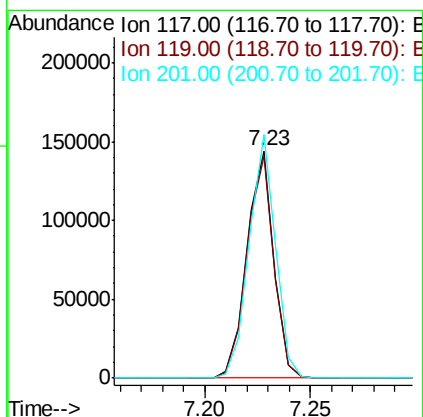
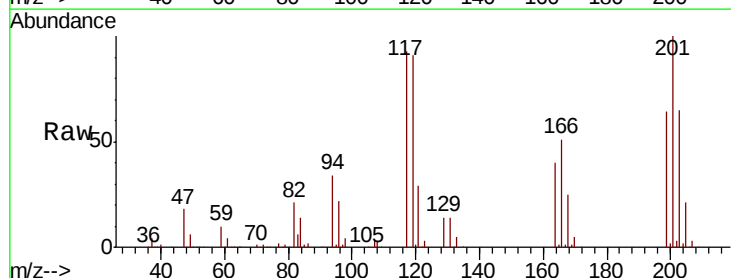
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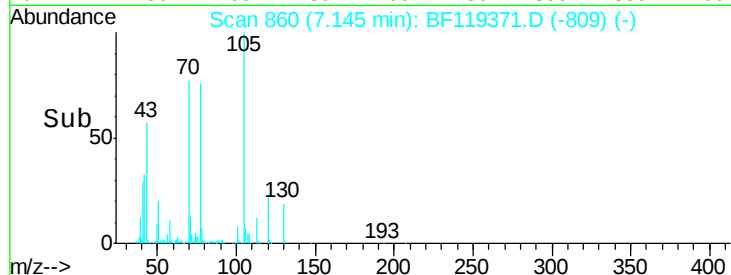
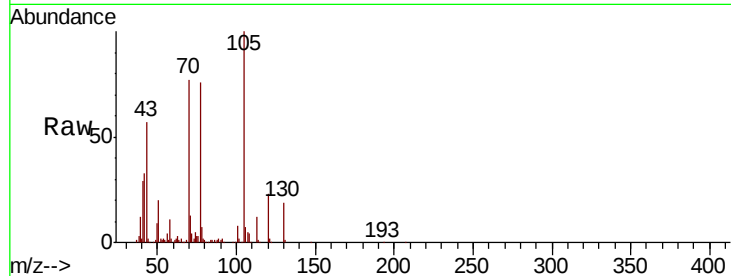
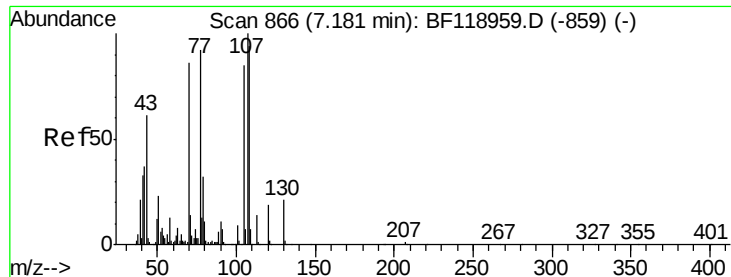
mohammad
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#18
Hexachloroethane
Concen: 40.662 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.5	116.3	
201	107.1	82.6	123.8	





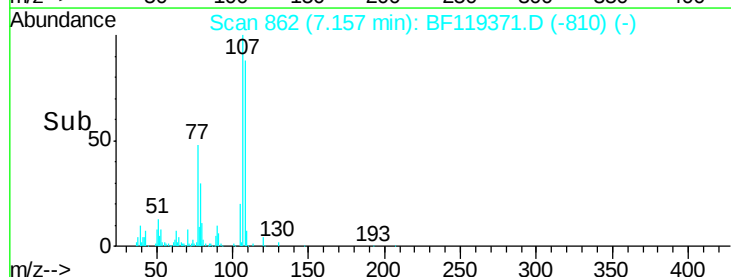
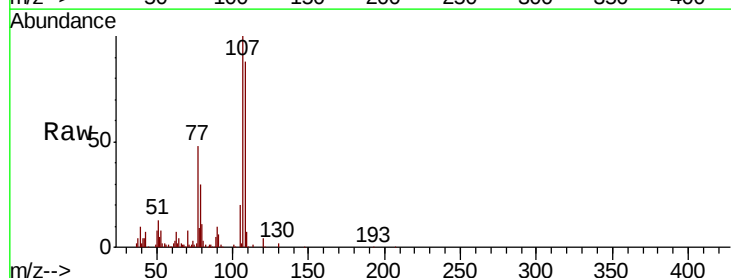
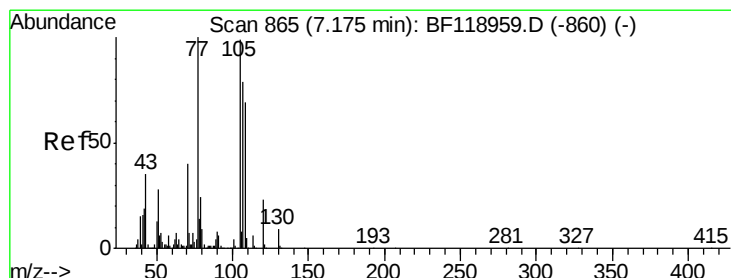
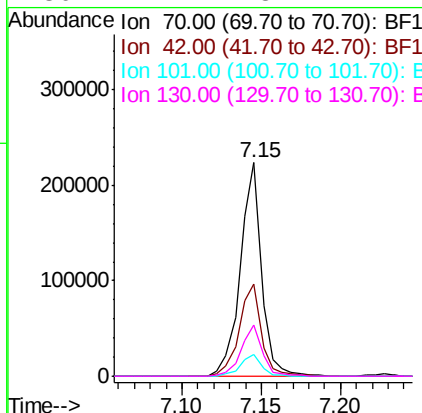
#19
n-Nitroso-di-n-propylamine
Concen: 43.666 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.3		38.0	57.0	
101	10.0		8.2	12.4	
130	24.1		18.2	27.4	

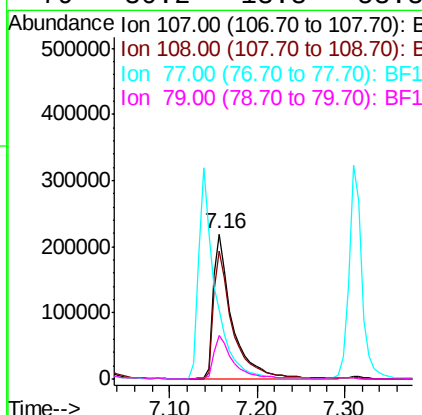
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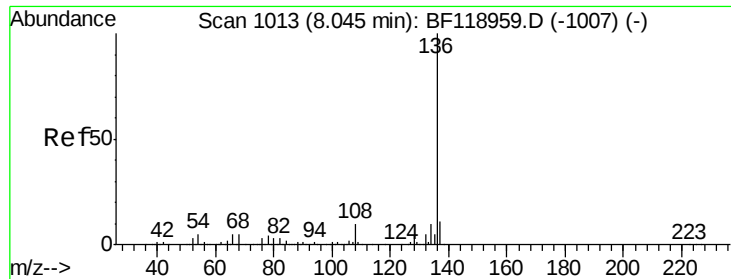
mohammad
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#20
3+4-Methylphenols
Concen: 45.307 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.1		71.5	111.5	
77	48.0		45.9	85.9	
79	30.2		13.8	53.8	





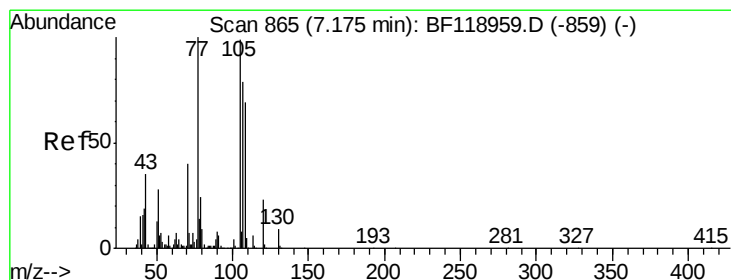
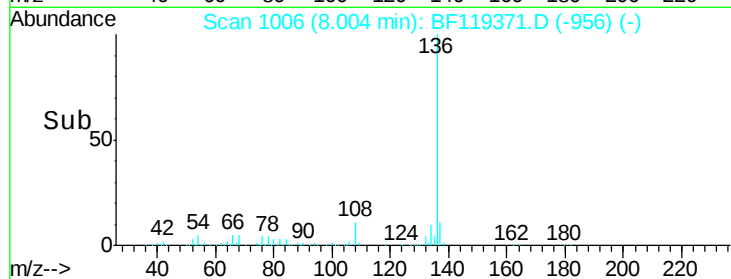
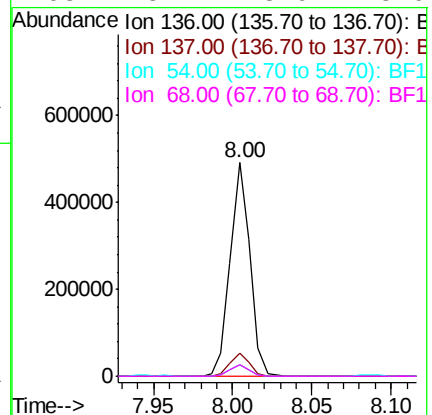
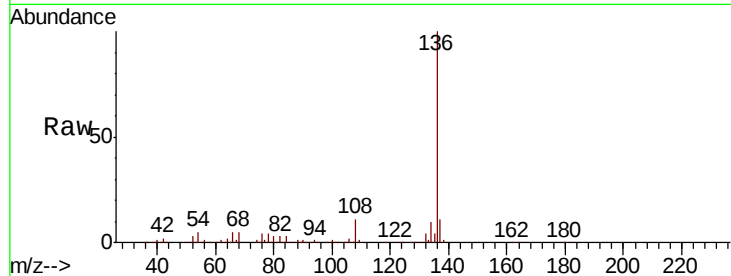
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	423668		
137	11.0		8.8	13.2
54	5.2		3.8	5.6
68	5.1		3.9	5.9

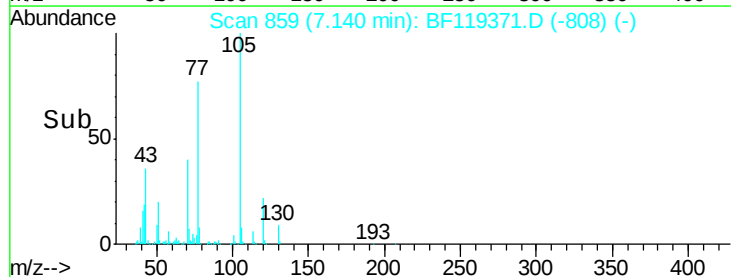
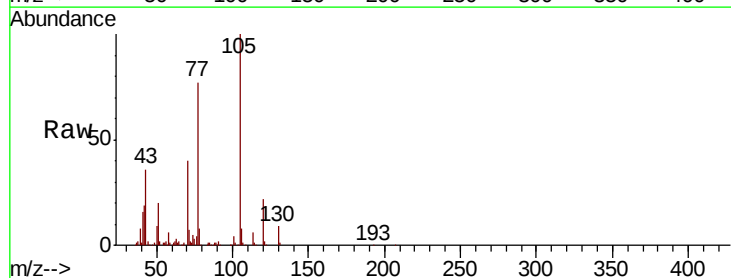
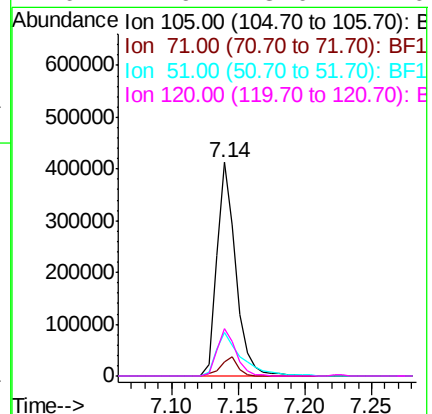
Manual Integrations
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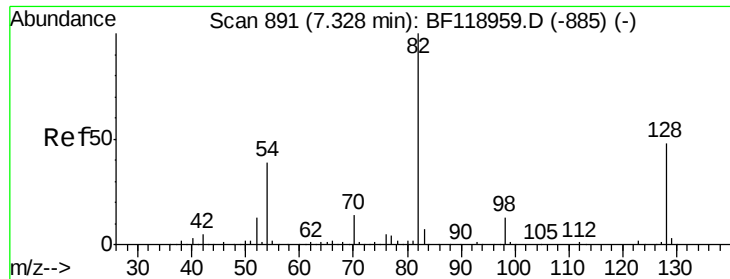
mohammad
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#22
Acetophenone
Concen: 41.977 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	411486		
71	6.8		3.0	4.4#
51	20.4		20.1	30.1
120	21.9		18.0	27.0





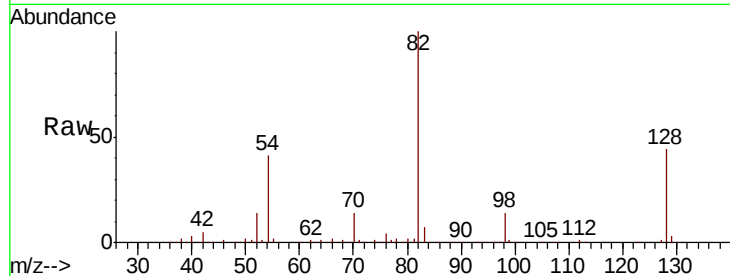
#23
Nitrobenzene-d5
Concen: 81.758 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

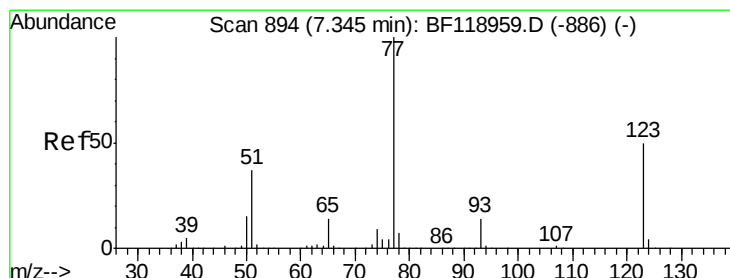
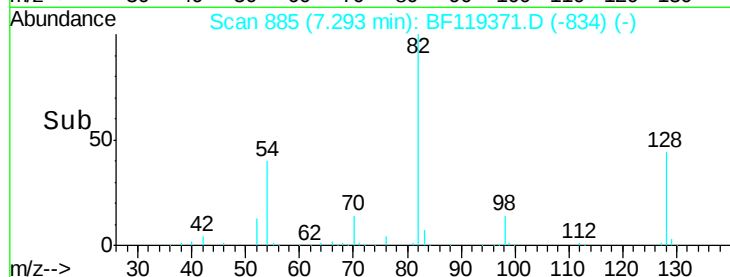
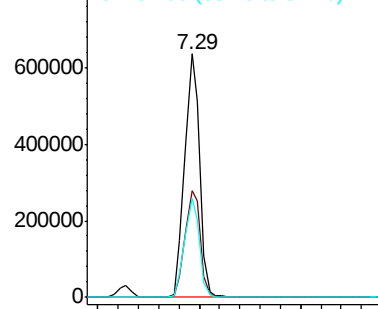
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.9	56.9
54	40.8	33.4	50.2

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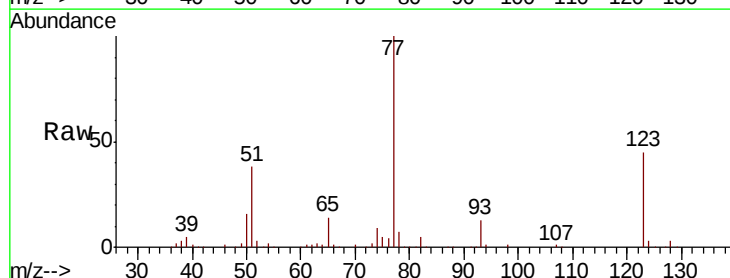


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

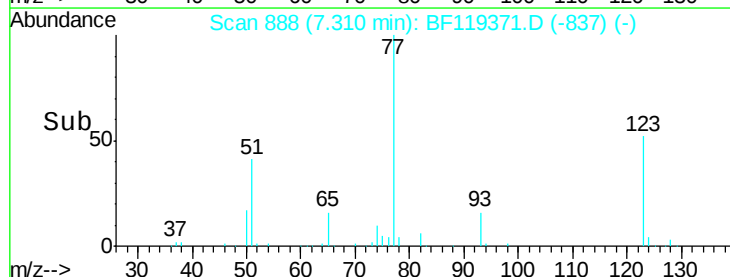
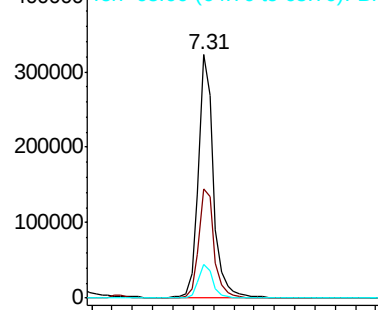


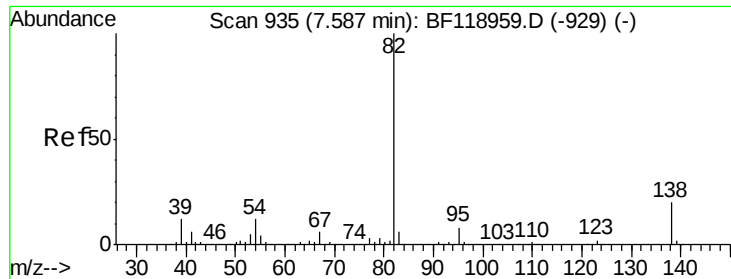
#24
Nitrobenzene
Concen: 41.329 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	40.2	60.2
65	13.6	10.8	16.2



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





#25

Isophorone

Concen: 38.994 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

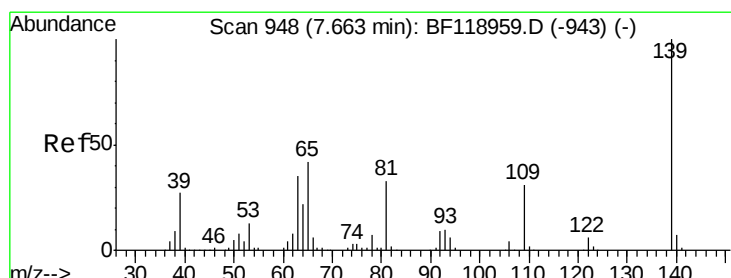
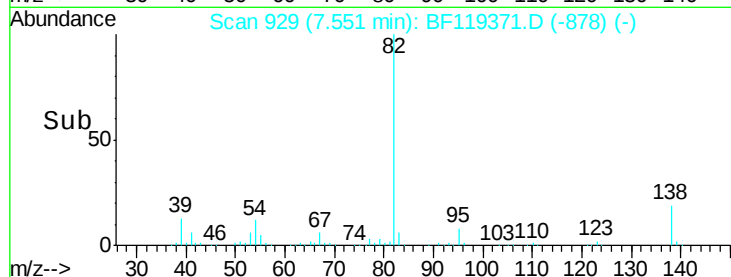
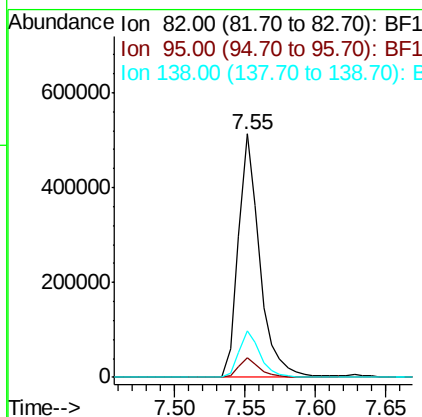
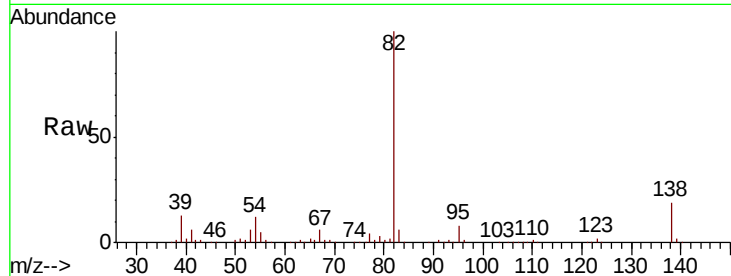
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	543399
Ion Ratio		Lower	Upper
82	100		
95	8.2	6.4	9.6
138	18.9	15.7	23.5

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#26

2-Nitrophenol

Concen: 39.349 ng

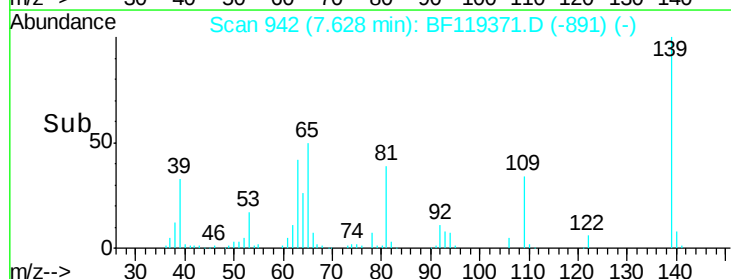
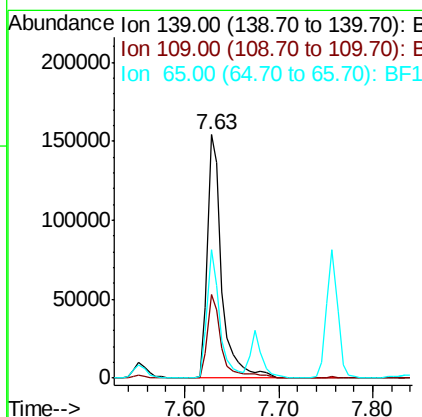
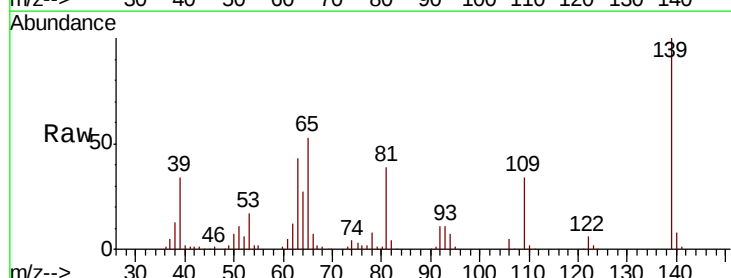
RT: 7.63 min Scan# 942

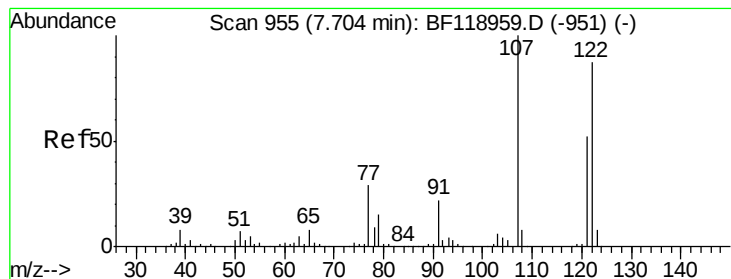
Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:	139	Resp:	165436
Ion Ratio		Lower	Upper
139	100		
109	34.4	25.7	38.5
65	52.8	37.1	55.7





#27

2,4-Dimethylphenol

Concen: 38.894 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

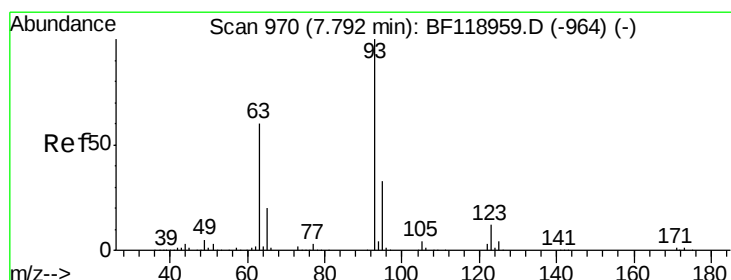
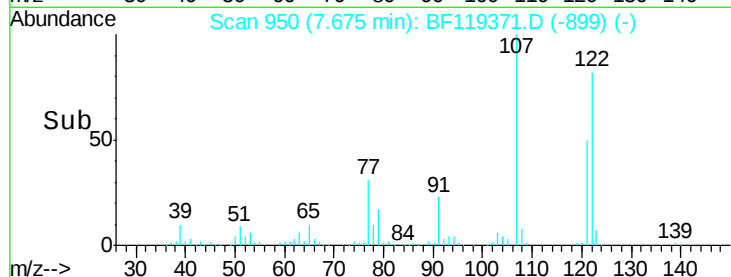
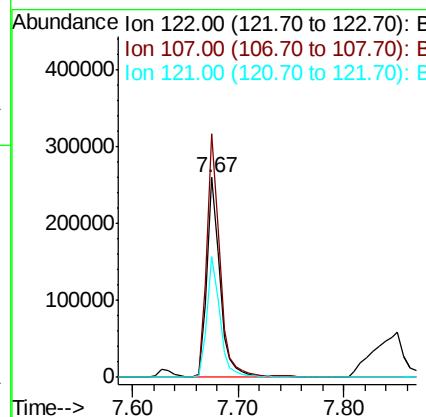
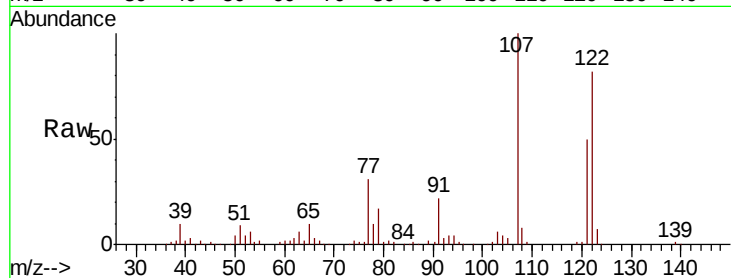
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	221927
Ion Ratio	Lower	Upper	
122	100		
107	122.0	93.8	140.6
121	60.6	48.2	72.2

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#28

bis(2-Chloroethoxy)methane

Concen: 38.486 ng

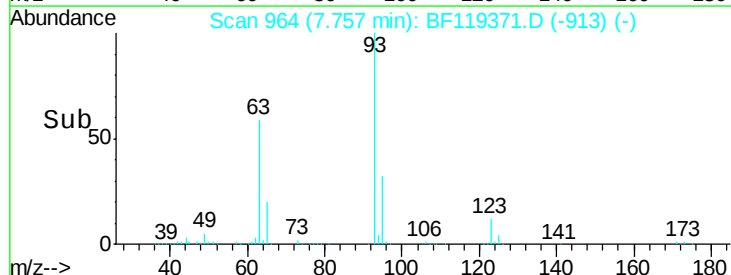
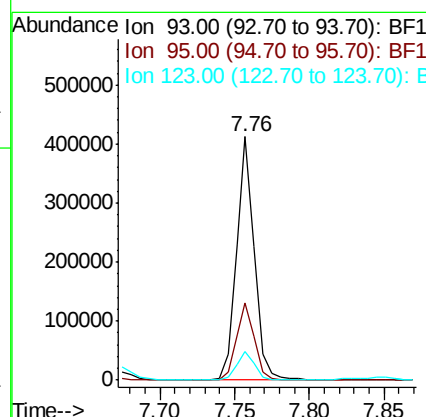
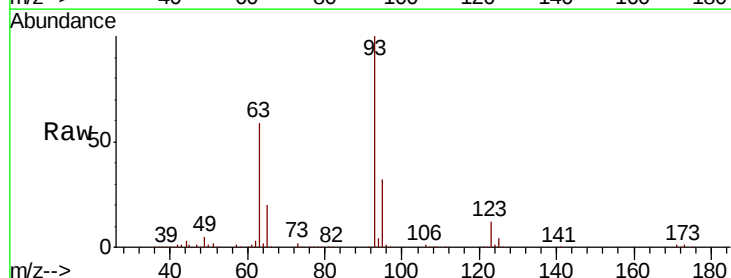
RT: 7.76 min Scan# 964

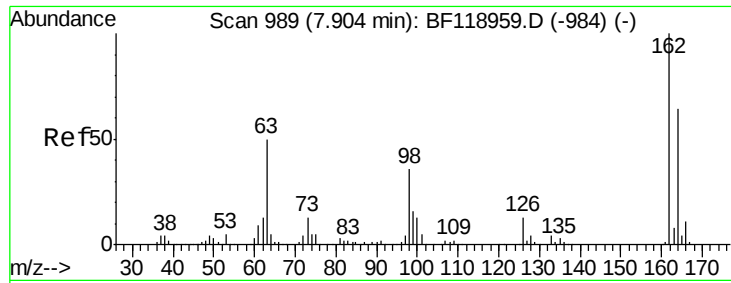
Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:	93	Resp:	349082
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.5	39.7
123	11.7	10.2	15.2





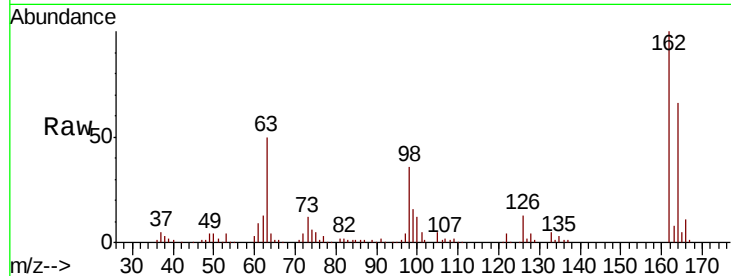
#29
2,4-Dichlorophenol
Concen: 39.506 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	45.2	85.2
98	35.9	17.4	57.4

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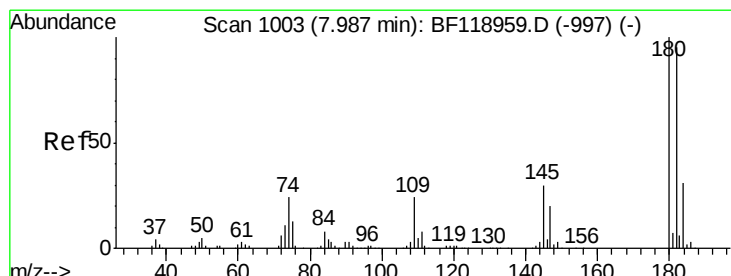
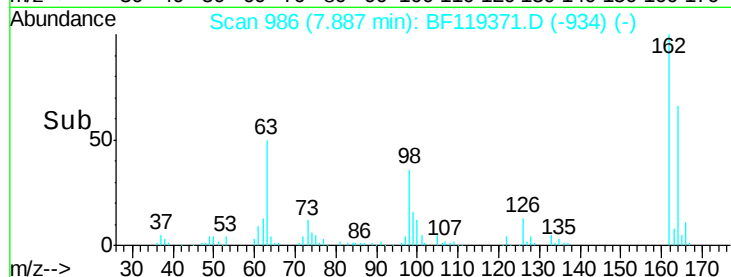
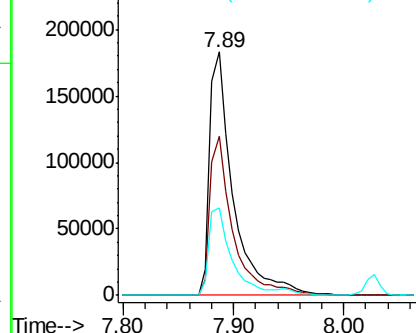


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.982 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

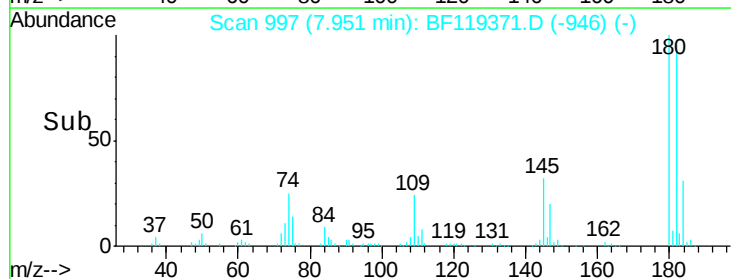
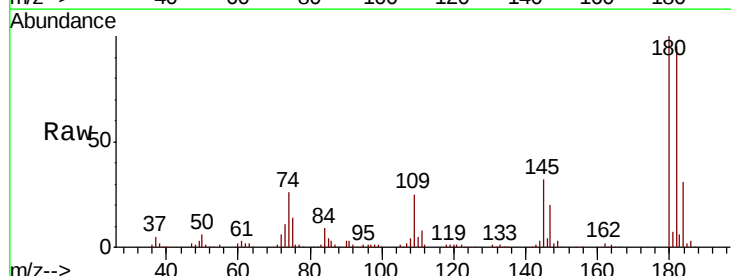
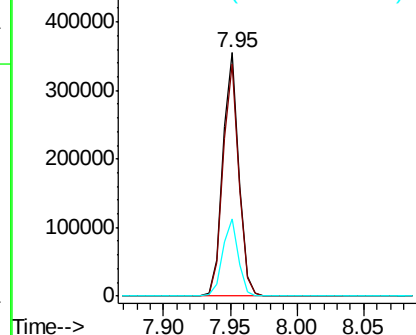
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	77.8	116.6
145	31.7	25.2	37.8

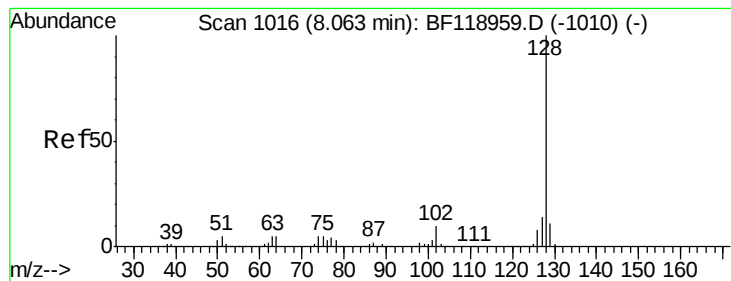
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.743 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

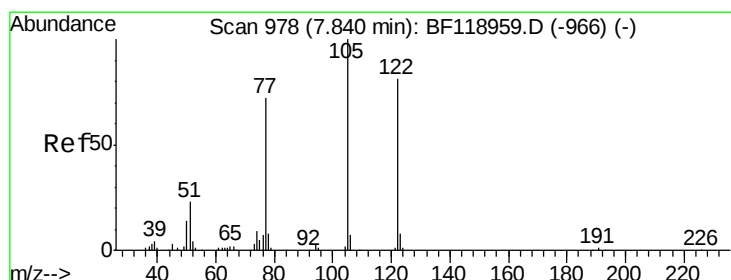
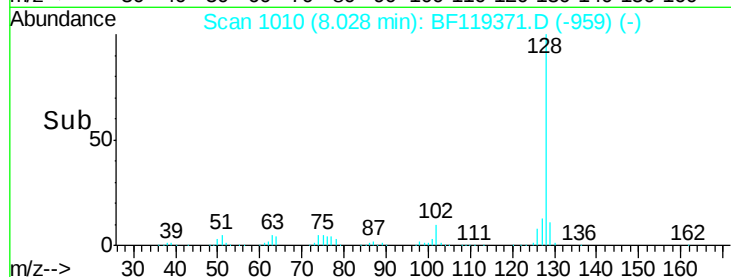
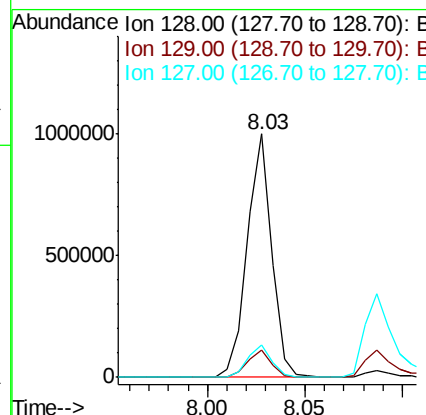
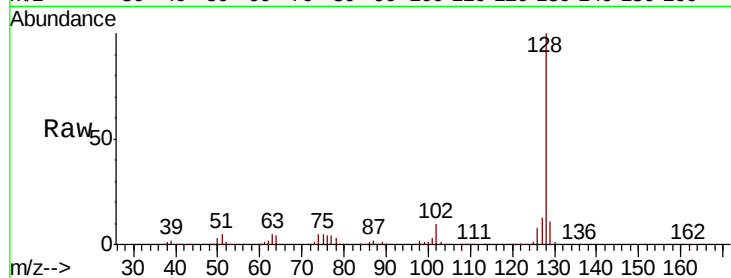
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	873246
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.4	14.2
127	13.4	11.4	17.2

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#32

Benzoic acid

Concen: 35.232 ng

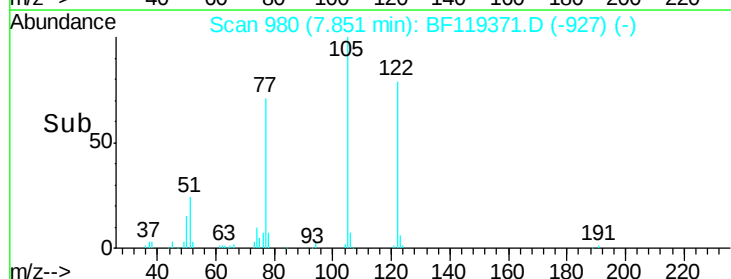
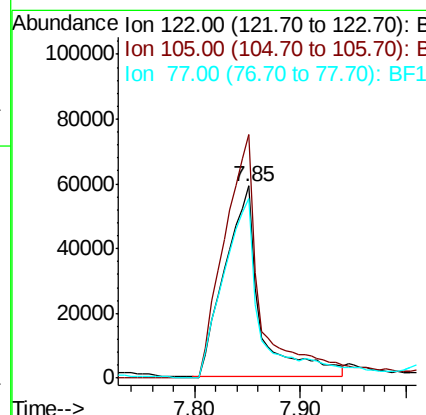
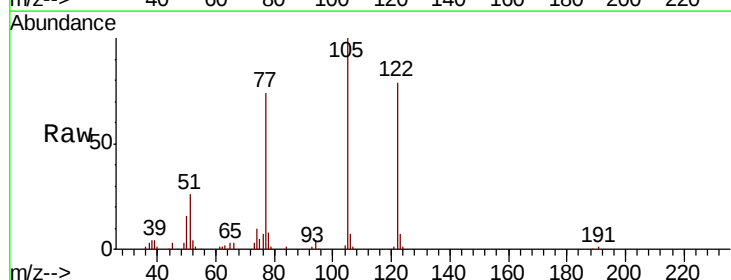
RT: 7.85 min Scan# 980

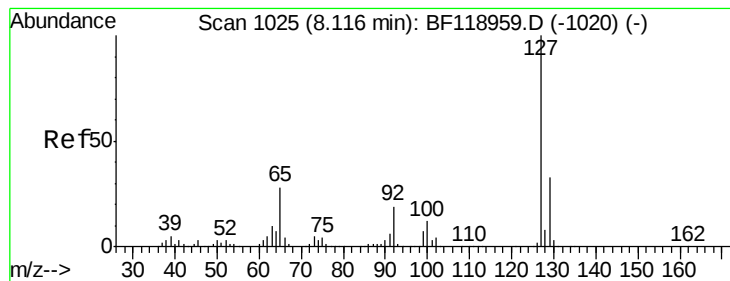
Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:	122	Resp:	138094
Ion Ratio	Lower	Upper	
122	100		
105	126.7	106.3	146.3
77	93.7	73.1	113.1





#33

4-Chloroaniline

Concen: 40.083 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

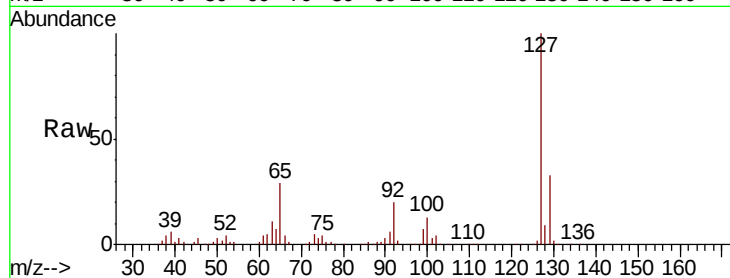
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.9	38.9		
65	28.7	23.9	35.9		
92	20.0	16.3	24.5		

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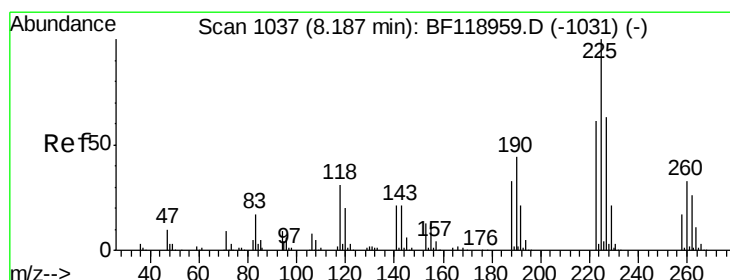
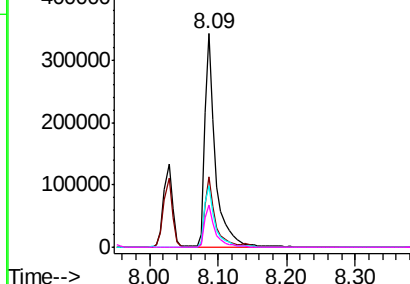
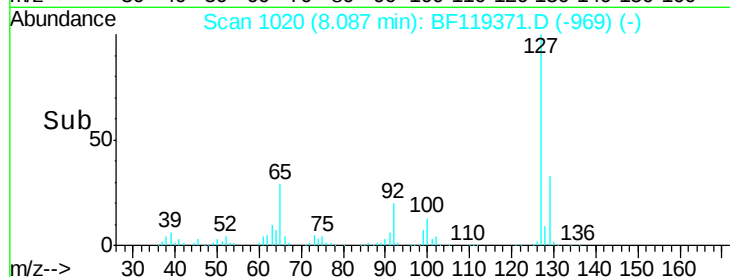
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.601 ng

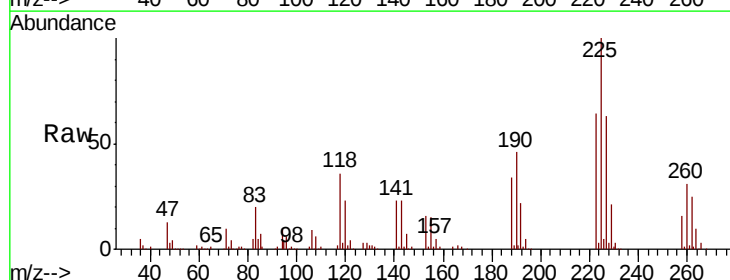
RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	49.4	74.2		
227	63.4	52.9	79.3		

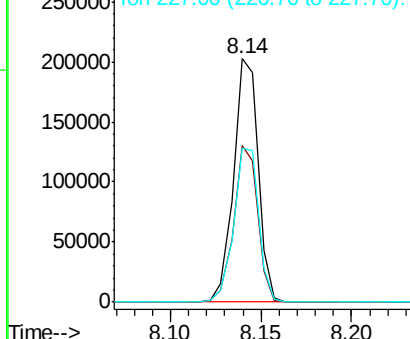
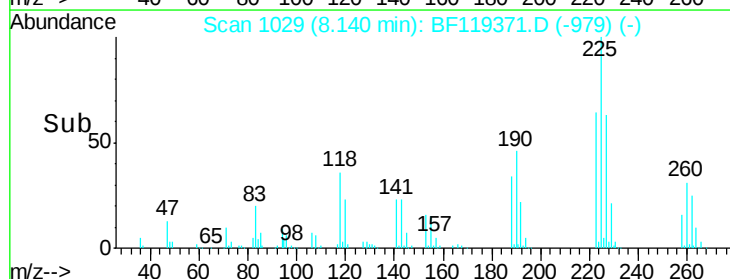


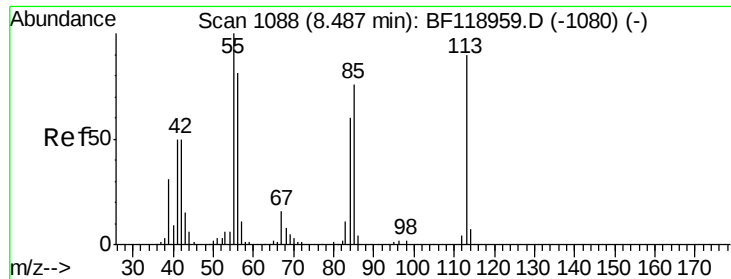
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





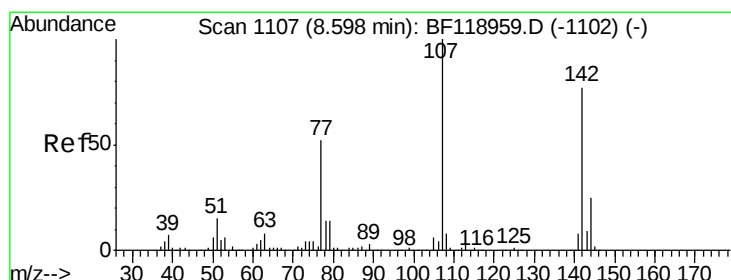
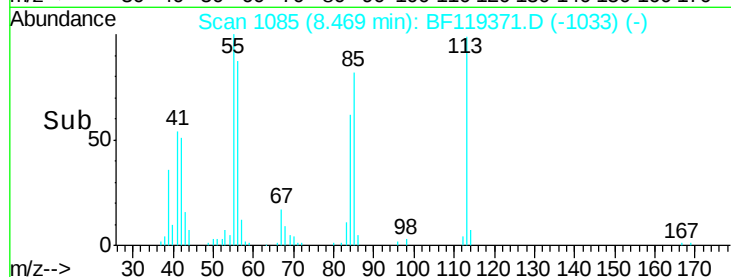
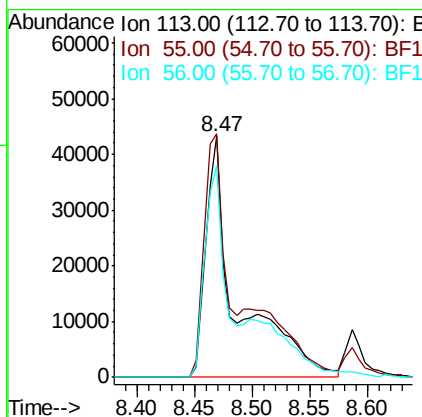
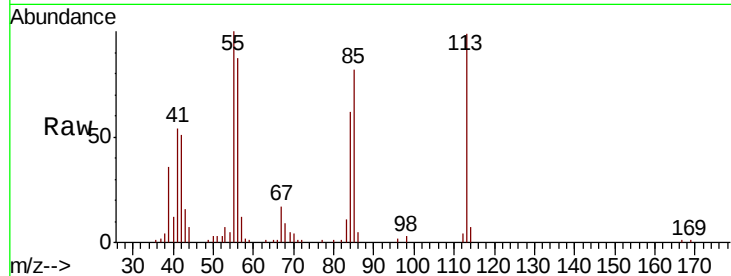
#35
 Caprolactam
 Concen: 39.788 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	101.3	95.7	135.7
56	87.8	73.1	113.1

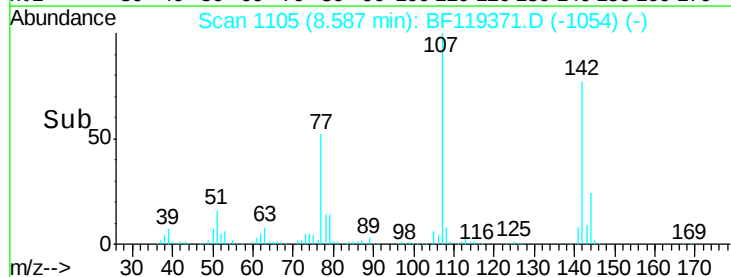
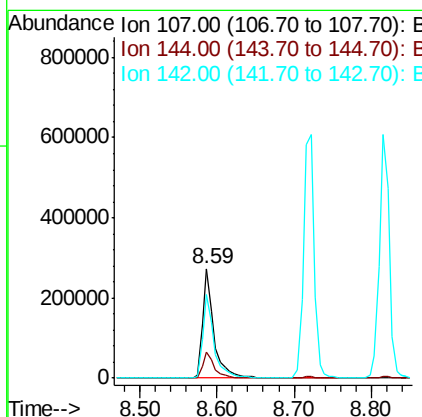
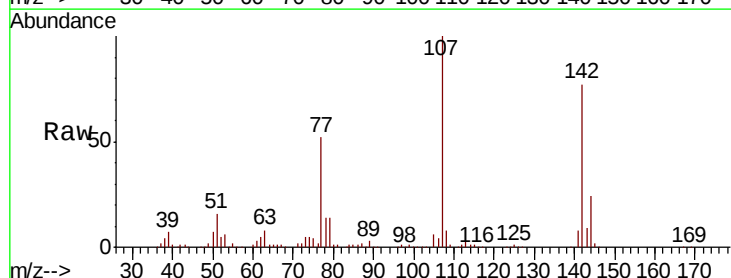
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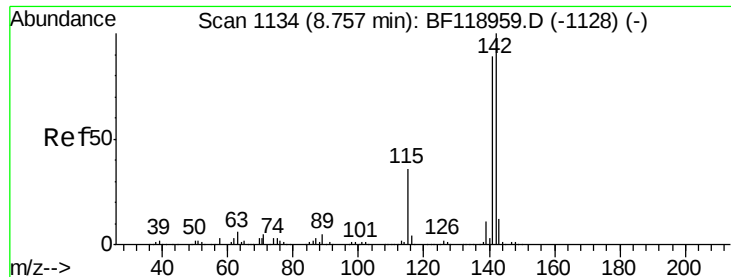
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#36
 4-Chloro-3-methylphenol
 Concen: 41.080 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.1	30.1
142	76.8	61.4	92.2





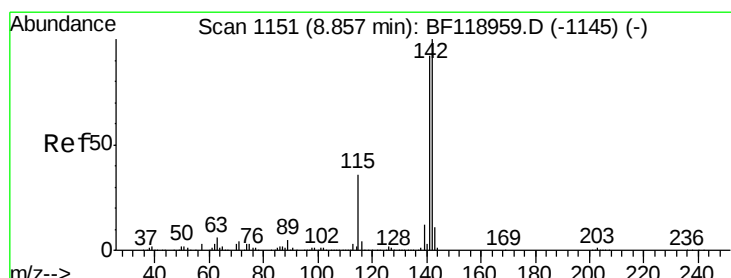
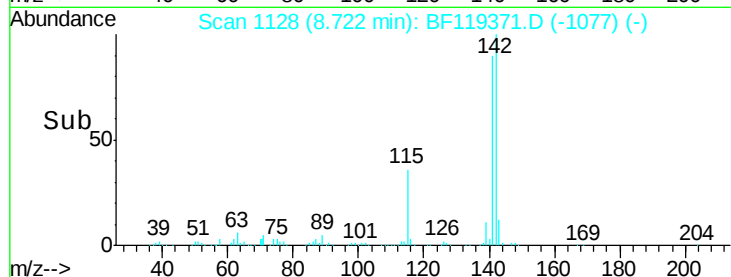
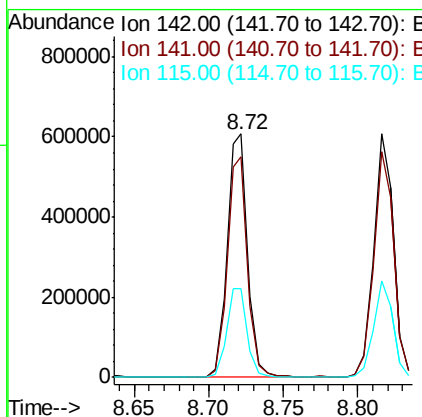
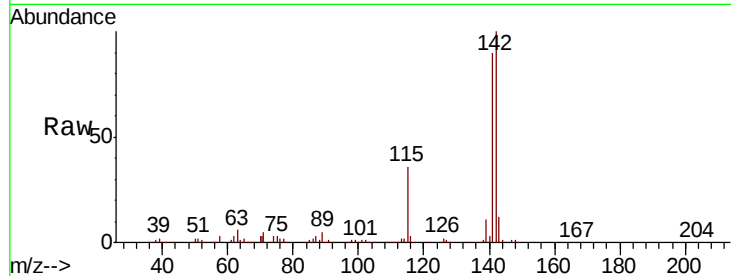
#37
2-Methylnaphthalene
Concen: 39.596 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	585488		
141	90.5	72.3	108.5	
115	36.3	30.6	45.8	

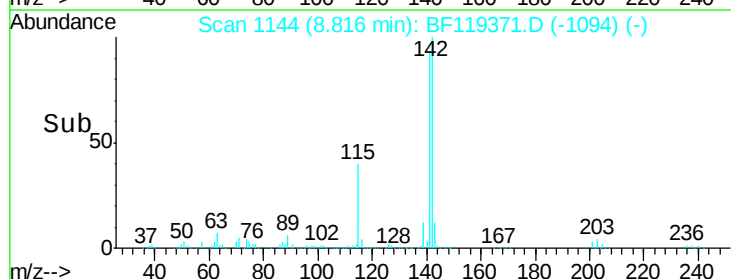
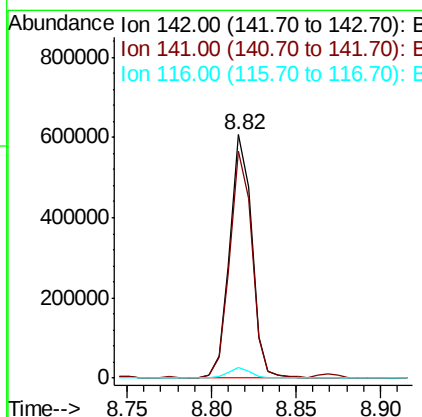
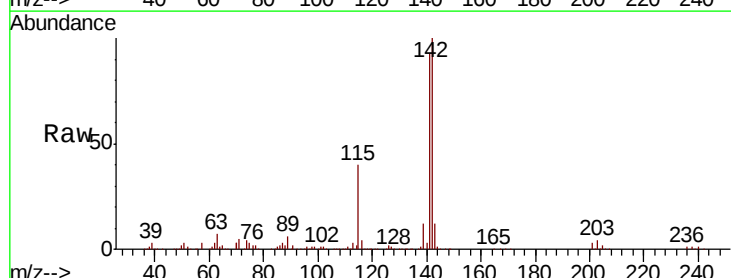
Manual Integrations
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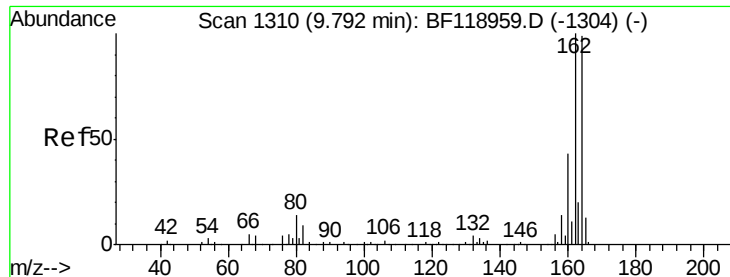
mohammad
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#38
1-Methylnaphthalene
Concen: 39.357 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	547309		
141	93.0	75.8	113.6	
116	4.3	3.1	4.7	





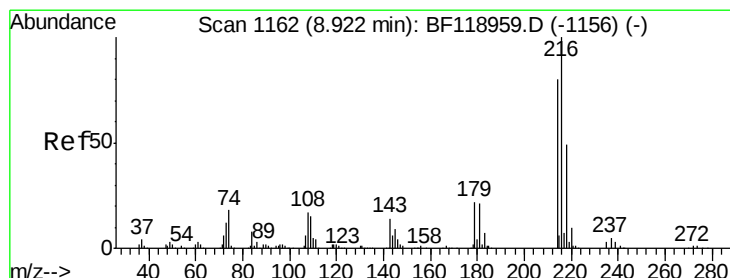
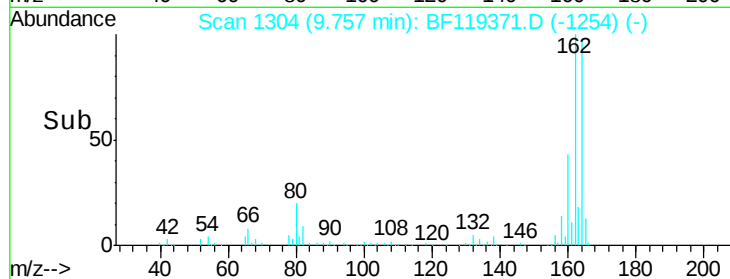
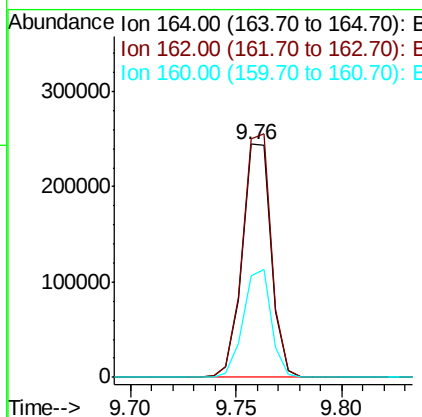
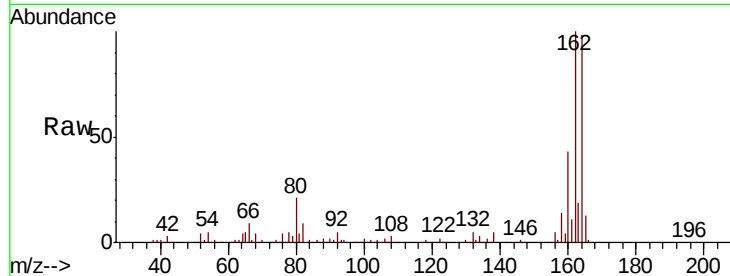
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.8
160	43.7	36.0	54.0

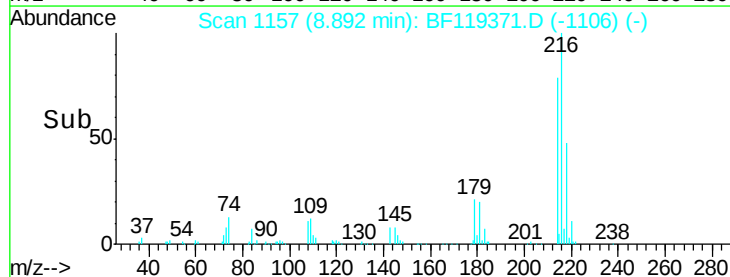
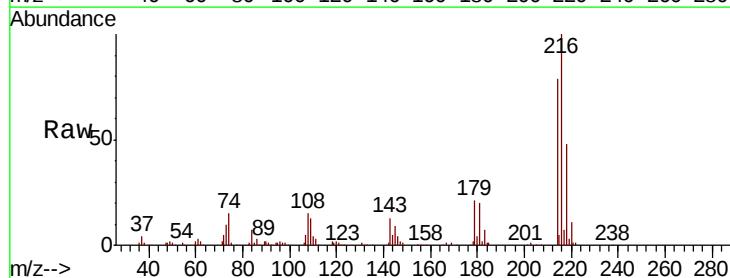
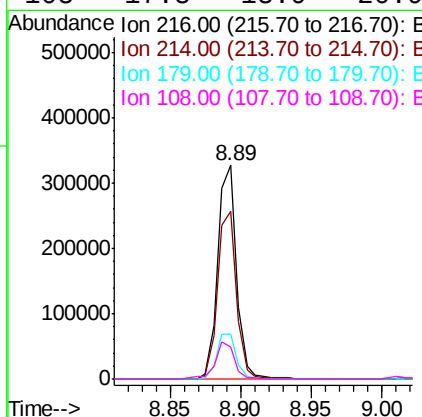
Manual Integrations
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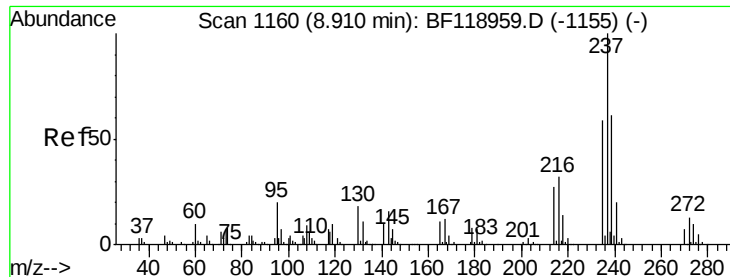
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.615 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	21.9	17.7	26.5
108	17.8	13.9	20.9





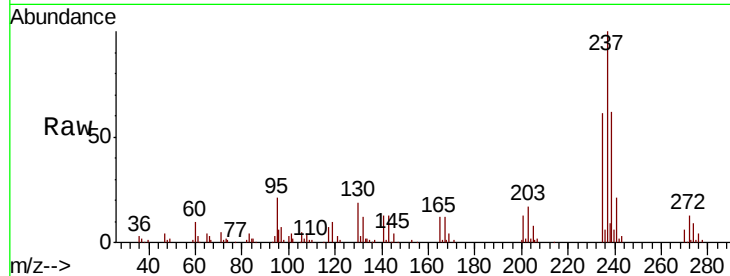
#41
Hexachlorocyclopentadiene
Concen: 30.785 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

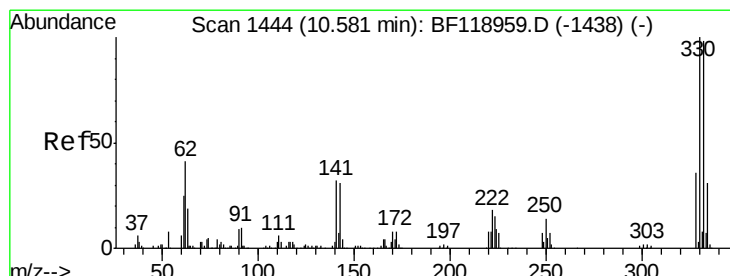
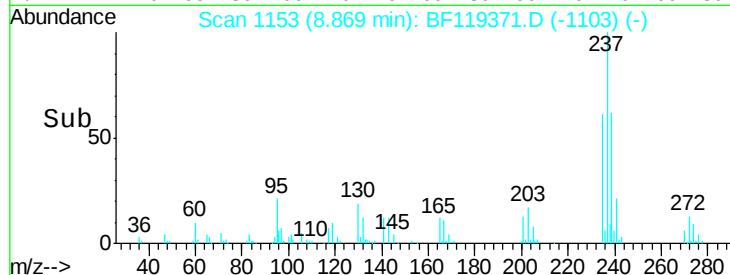
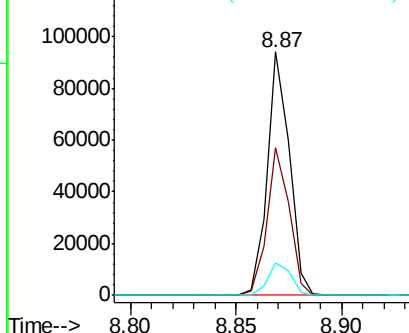
Tot Ion	Ratio	Resp	Lower	Upper
237	100	69057		
235	60.7	42.3	82.3	
272	13.2	0.0	33.5	

Manual Integrations
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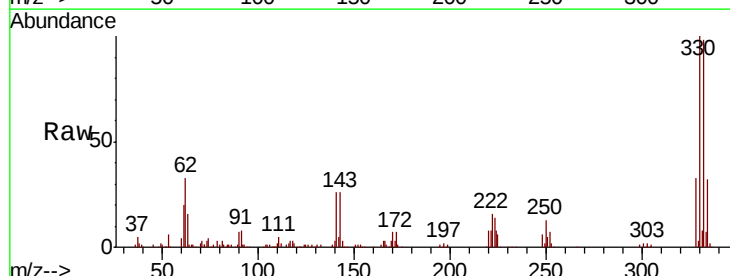


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

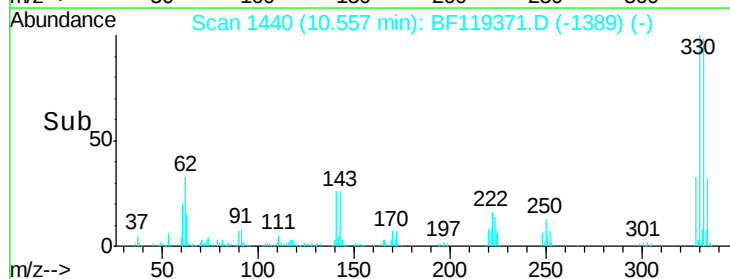
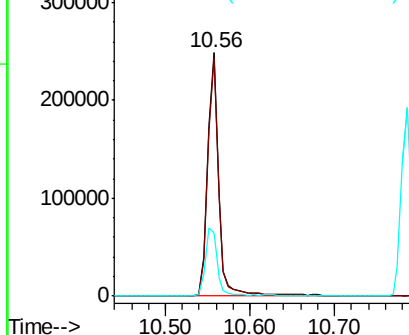


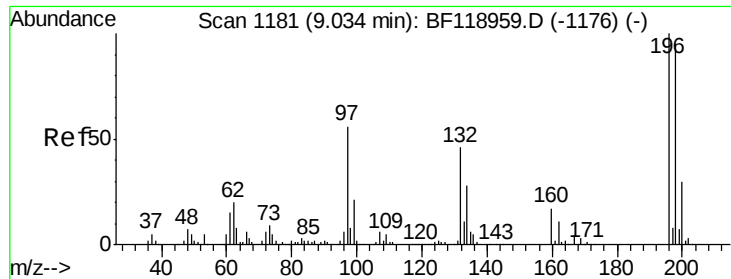
#42
2,4,6-Tribromophenol
Concen: 75.977 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	230752		
332	97.3	76.0	114.0	
141	29.9	22.9	34.3	



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





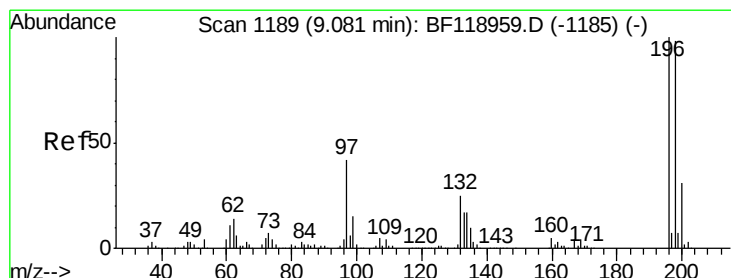
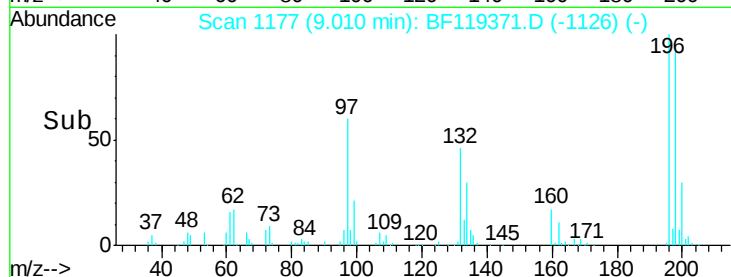
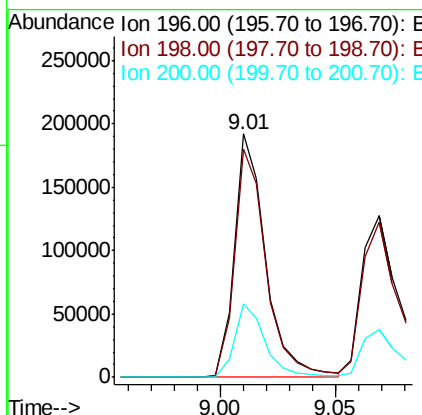
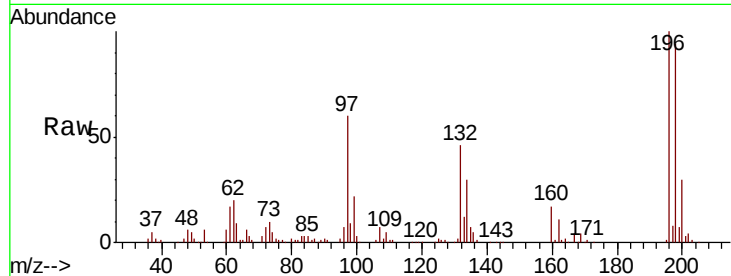
#43
 2,4,6-Trichlorophenol
 Concen: 36.705 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	181437
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.1	115.7
200	30.4	25.0	37.6

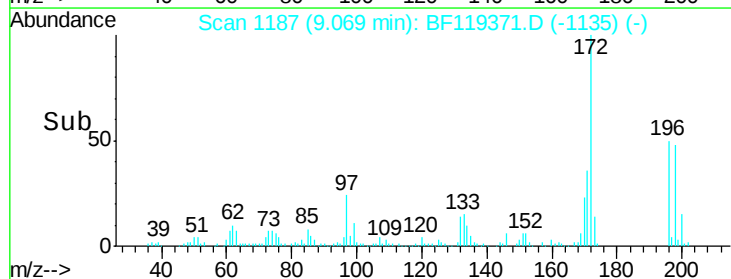
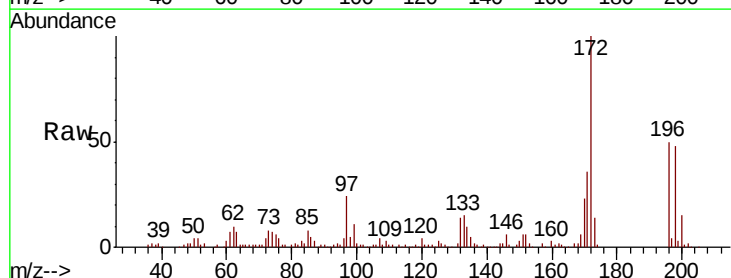
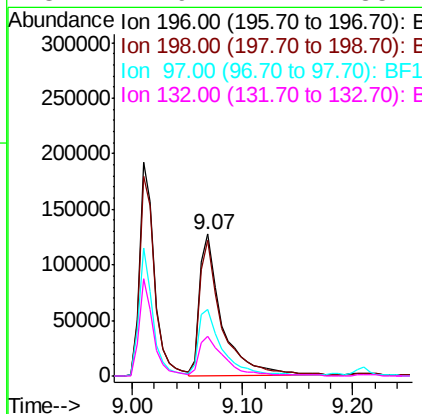
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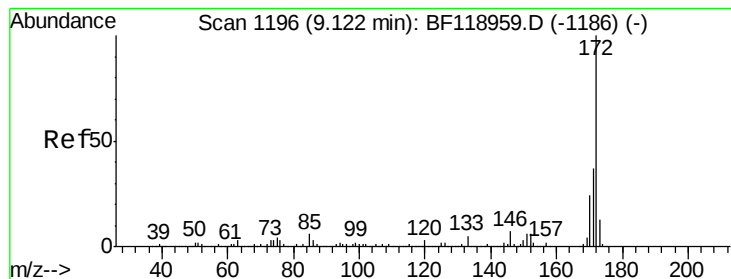
mohammad
 3/16/2020 1:47:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 33.341 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion:	196	Resp:	172945
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.8	115.2
97	46.7	38.5	57.7
132	27.9	22.2	33.4





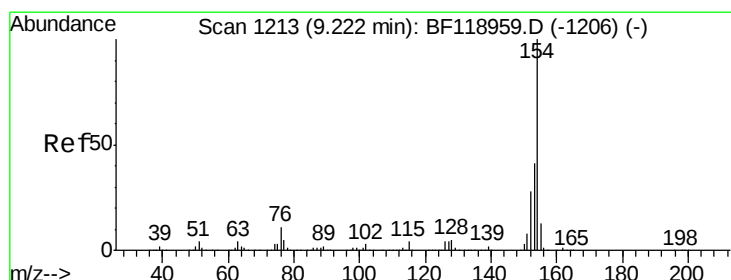
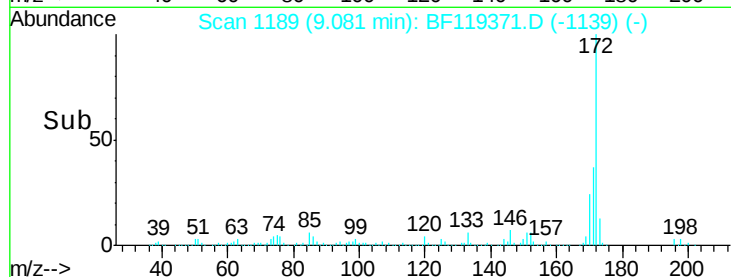
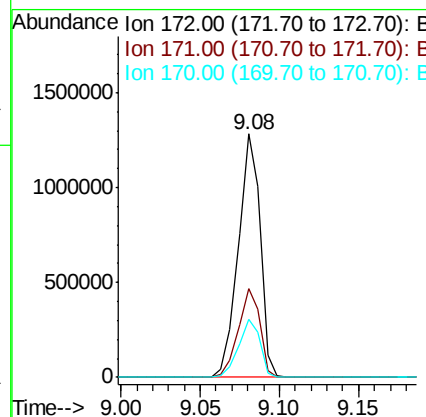
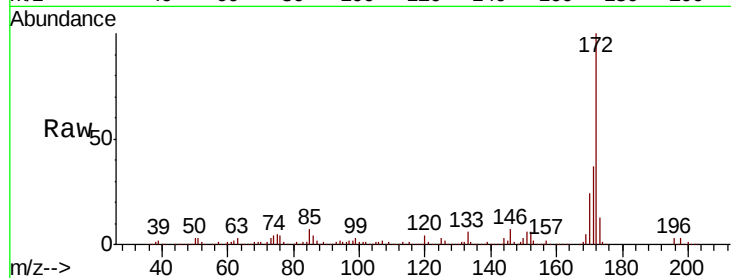
#45
2-Fluorobiphenyl
Concen: 77.985 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

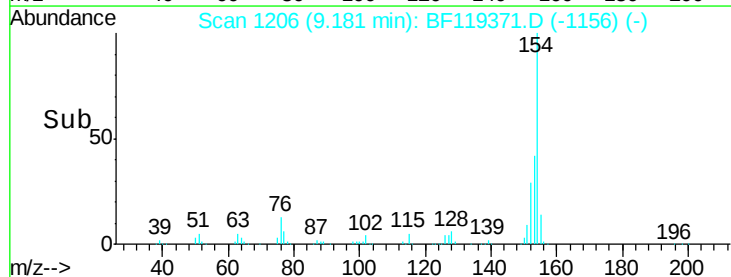
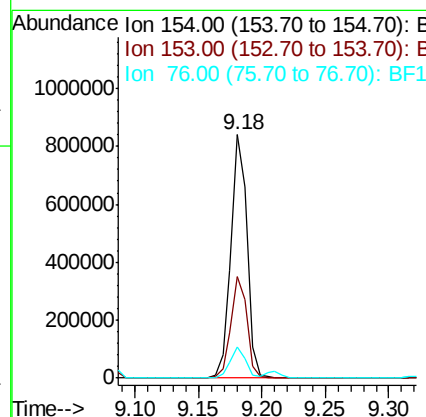
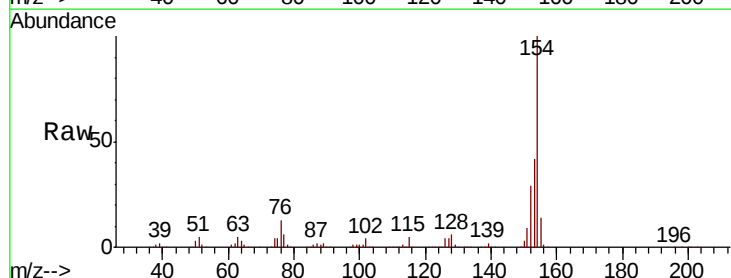
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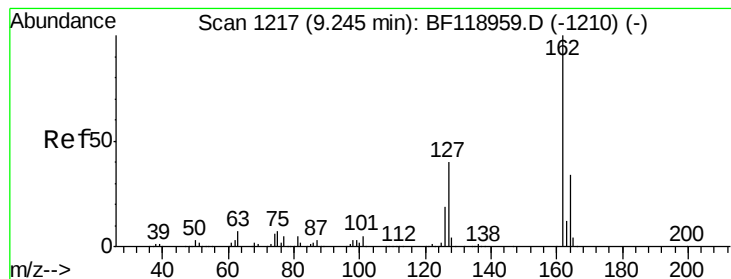
mohammad
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#46
1,1'-Biphenyl
Concen: 39.359 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.8	62.8
76	12.8	0.0	32.2





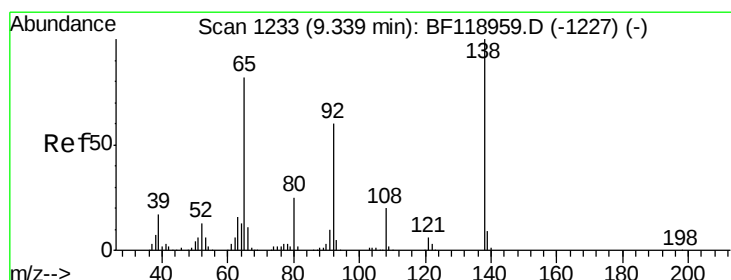
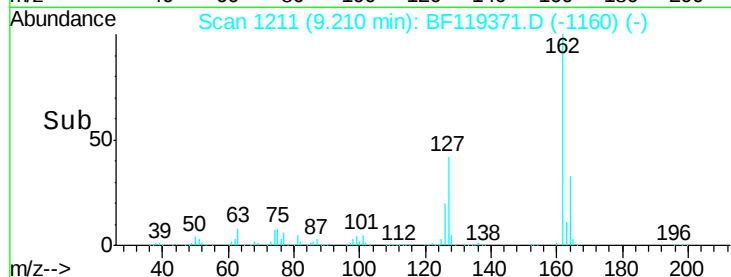
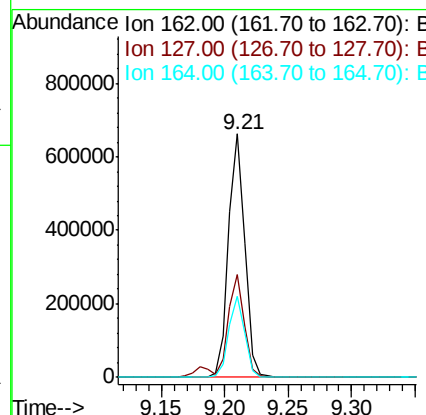
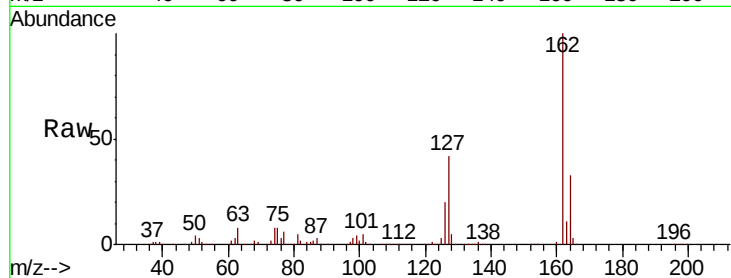
#47
 2-Chloronaphthalene
 Concen: 39.248 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	35.0	52.4
164	33.4	27.2	40.8

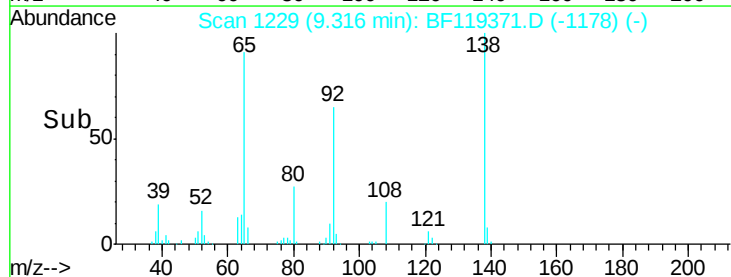
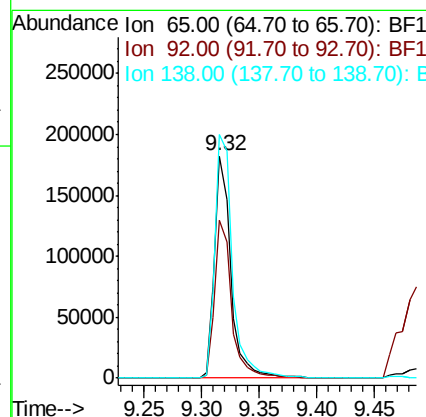
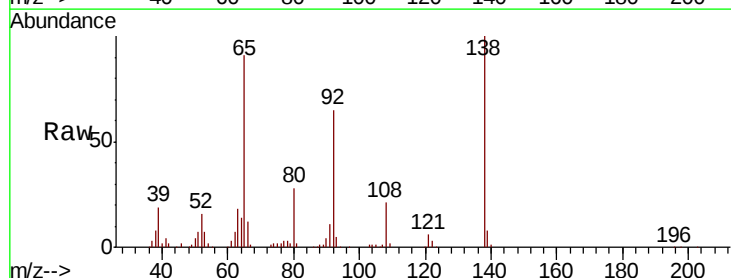
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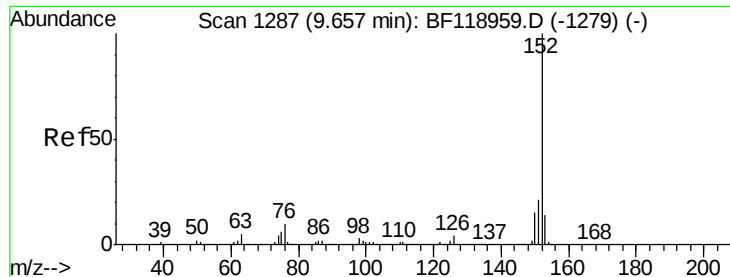
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#48
 2-Nitroaniline
 Concen: 43.007 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.2	87.2
138	109.6	95.6	143.4





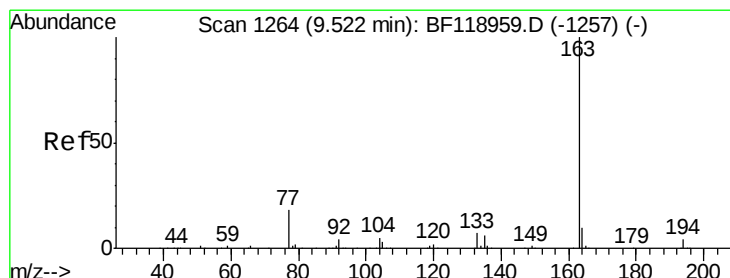
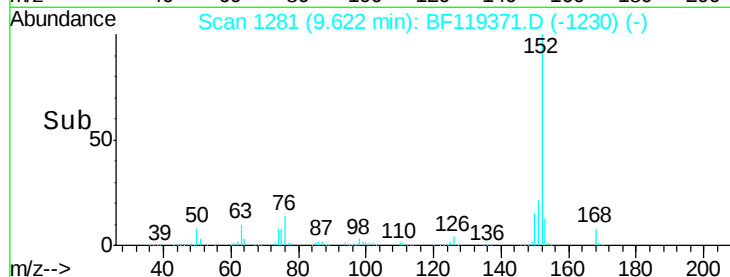
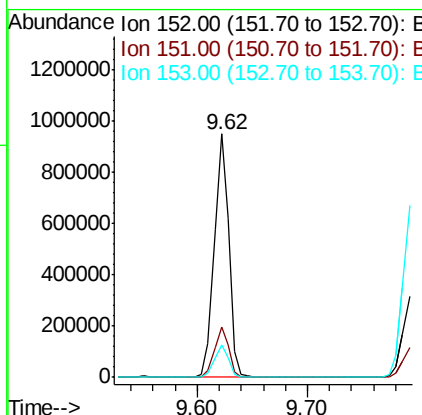
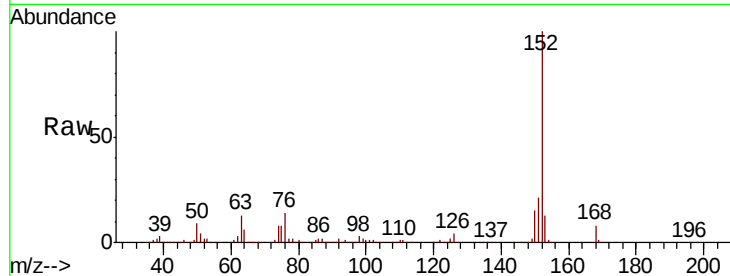
#49
Acenaphthylene
Concen: 38.998 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.1	11.0	16.6

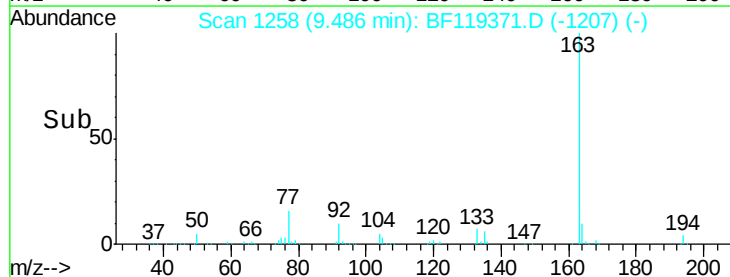
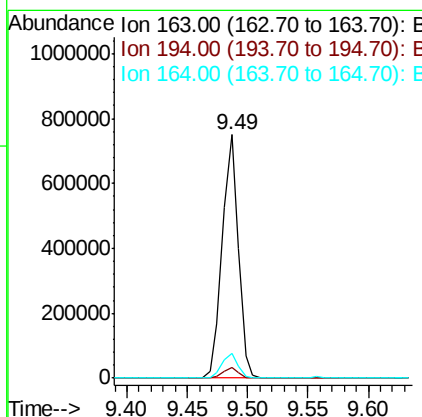
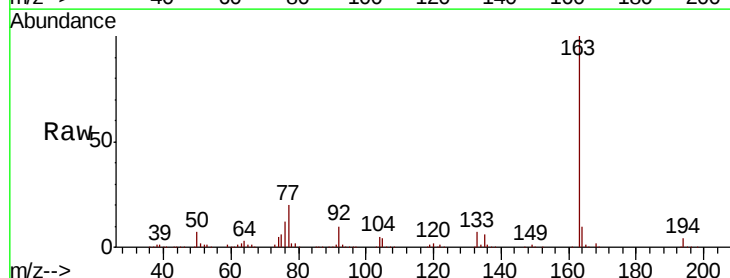
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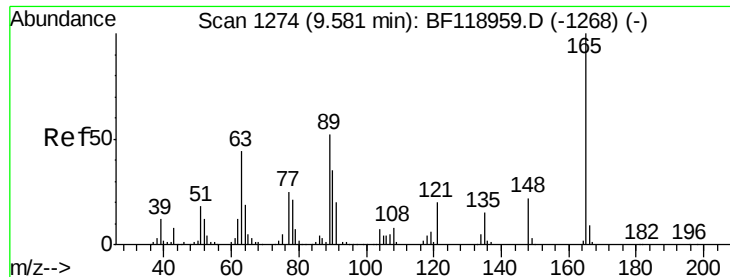
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#50
Dimethylphthalate
Concen: 38.842 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	8.4	12.6





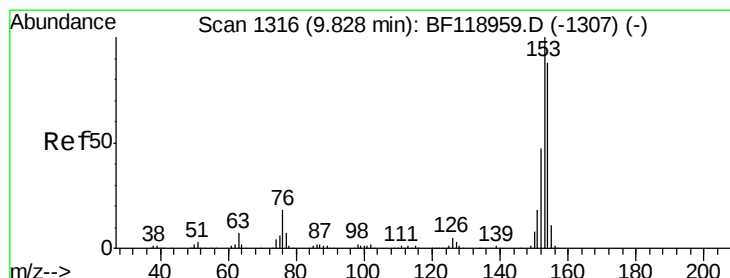
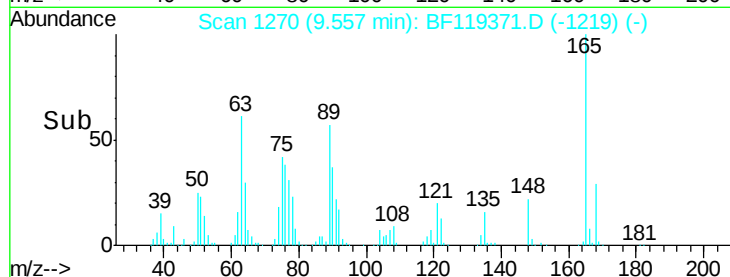
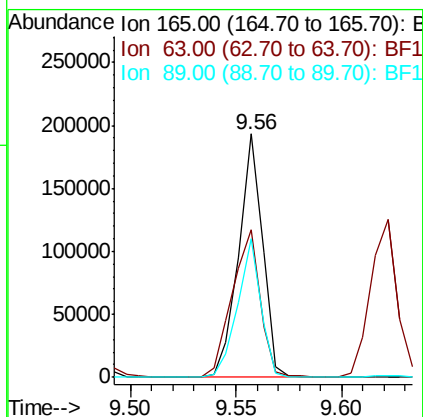
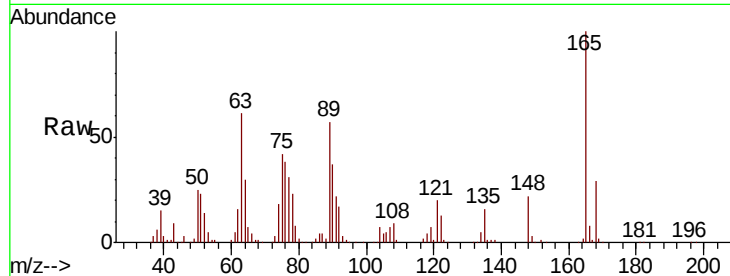
#51
2,6-Dinitrotoluene
Concen: 38.309 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	151101		
63	60.6	34.3	51.5#	
89	57.0	38.3	57.5	

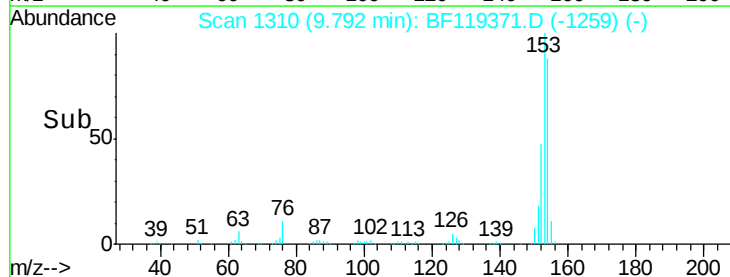
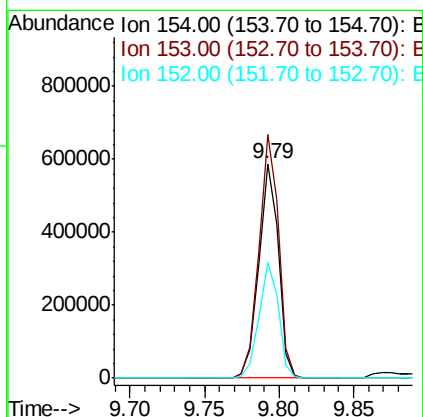
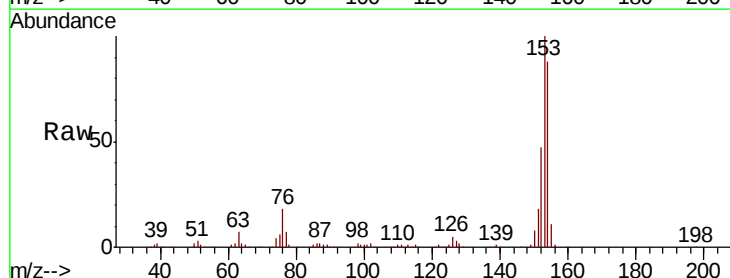
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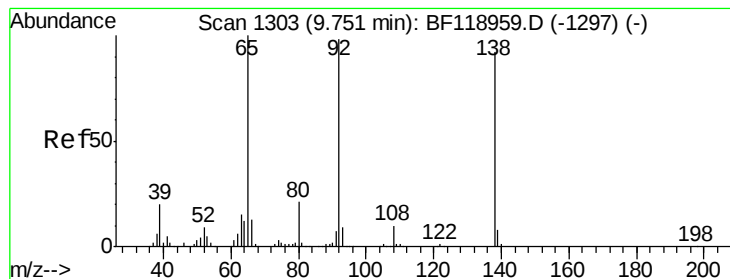
mohammad
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#52
Acenaphthene
Concen: 39.987 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	526565		
153	113.6	90.3	135.5	
152	53.7	43.8	65.8	





#53

3-Nitroaniline

Concen: 40.018 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

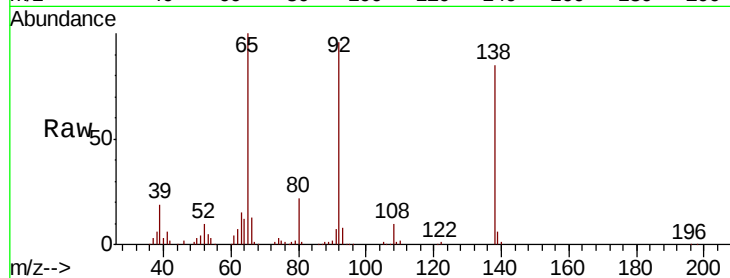
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.8	13.2
92	113.4	84.8	127.2

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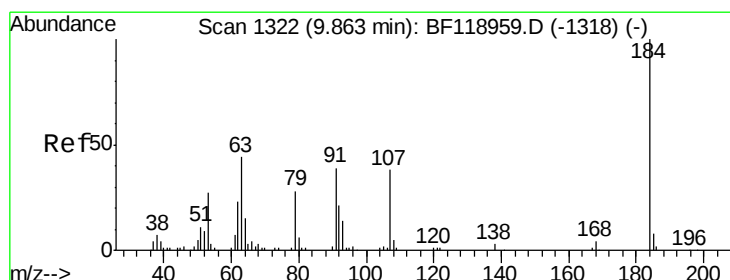
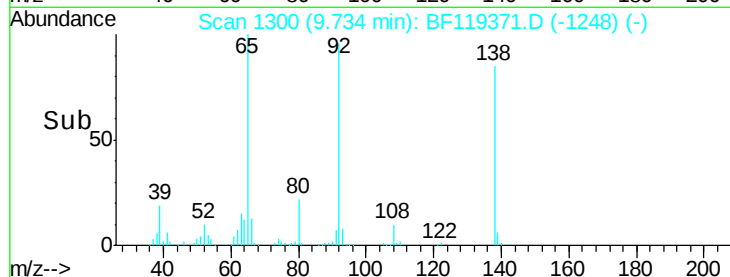
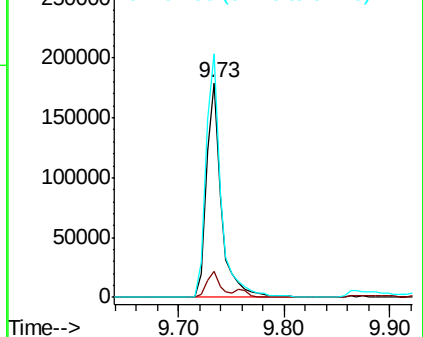
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 33.409 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.02 min

Lab File: BF119371.D

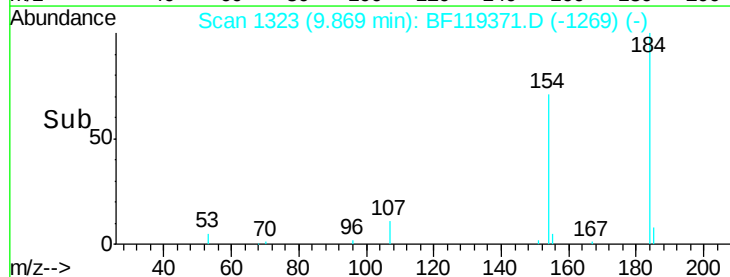
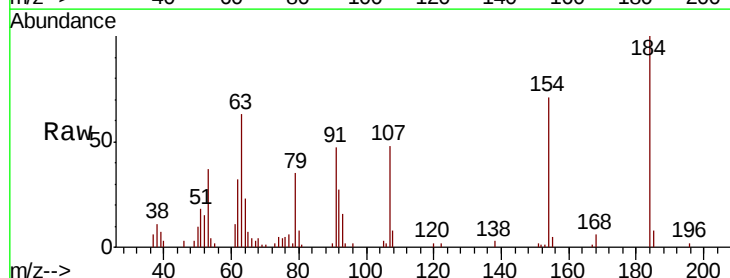
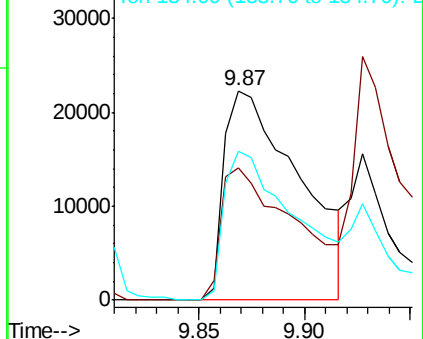
Acq: 12 Mar 2020 9:50

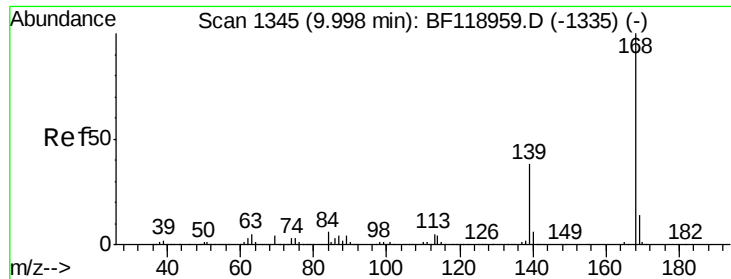
Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	38.7	58.1#
154	70.9	49.7	74.5

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





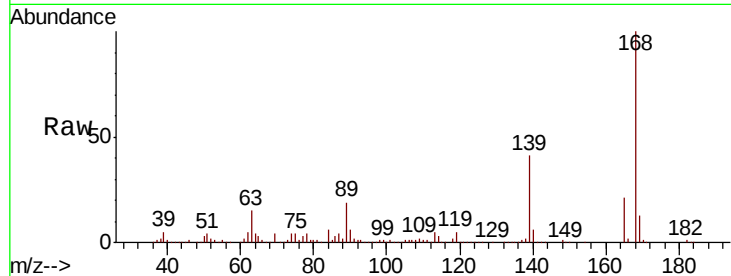
#55
Dibenzofuran
Concen: 39.092 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

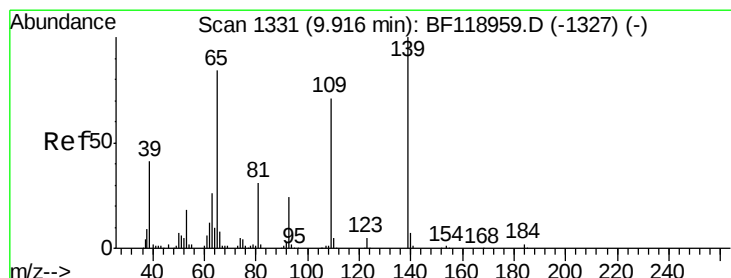
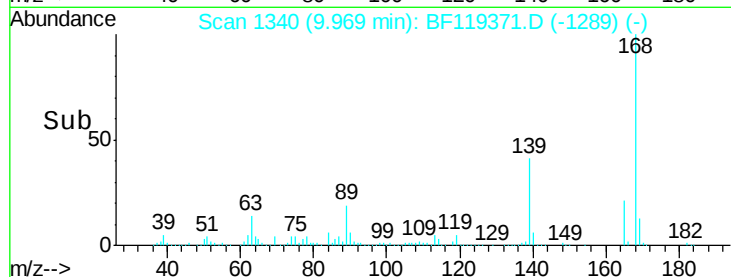
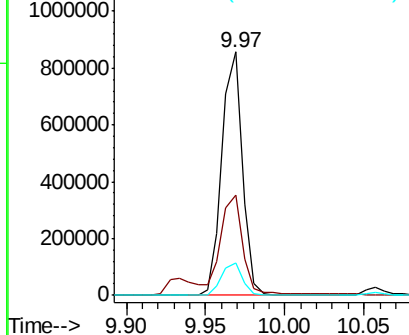
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	34.0	51.0
169	13.3	11.0	16.4

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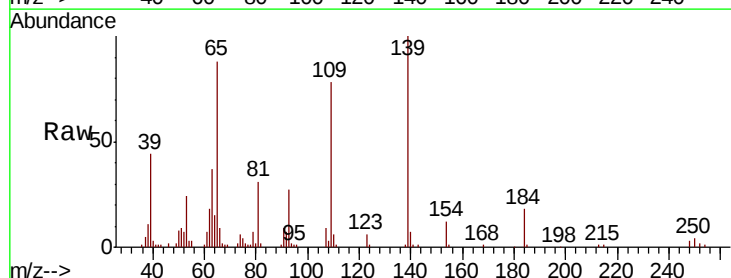


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

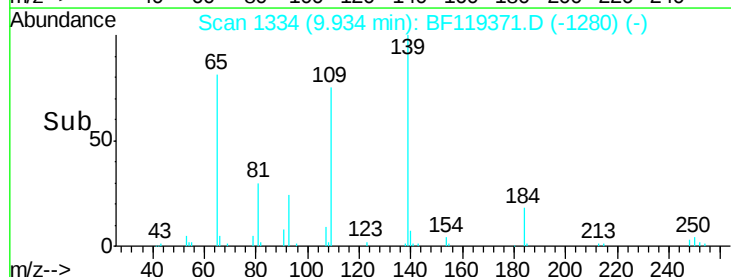
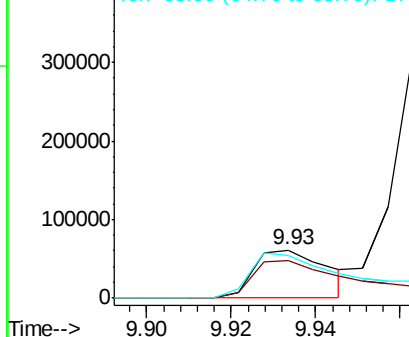


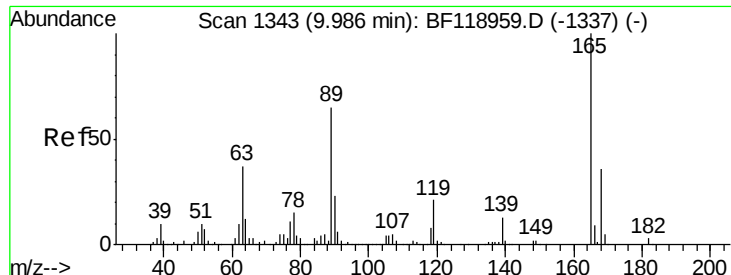
#56
4-Nitrophenol
Concen: 28.056 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.6	56.7	96.7
65	87.5	65.0	105.0



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





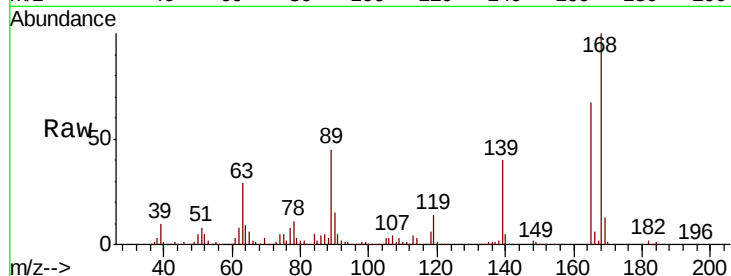
#57
 2,4-Dinitrotoluene
 Concen: 39.515 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

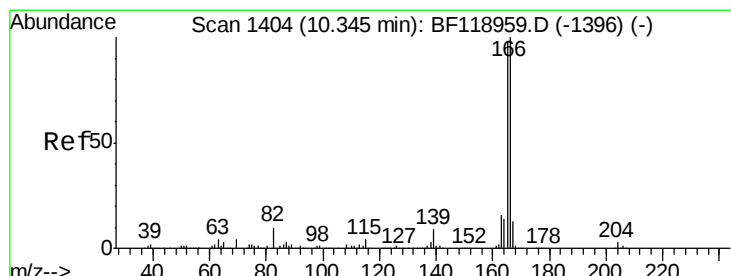
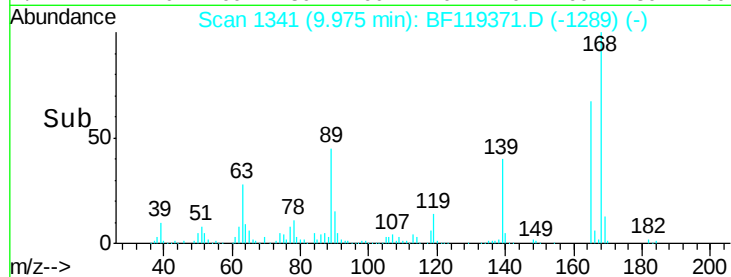
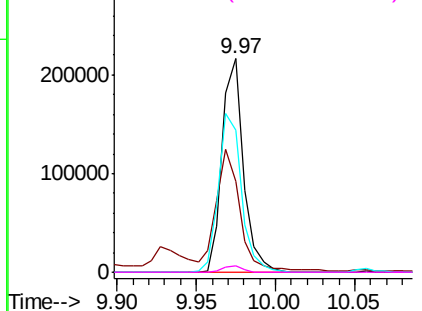
Tot Ion	Ratio	Resp	Lower	Upper
165	100	202022		
63	42.5		42.3	63.5
89	66.4		60.2	90.4
182	3.0		2.3	3.5

Manual Integrations
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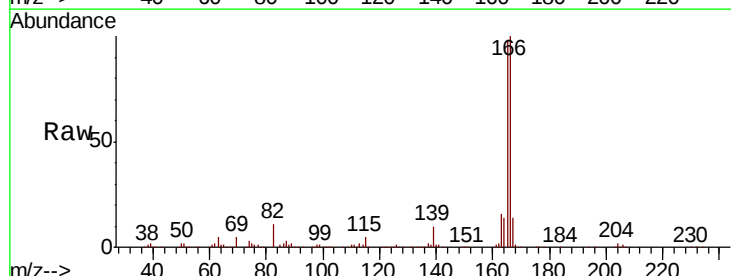


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

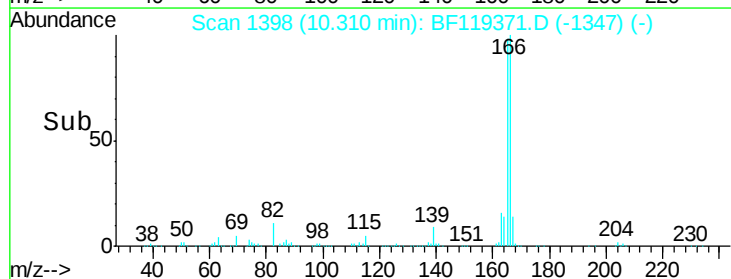
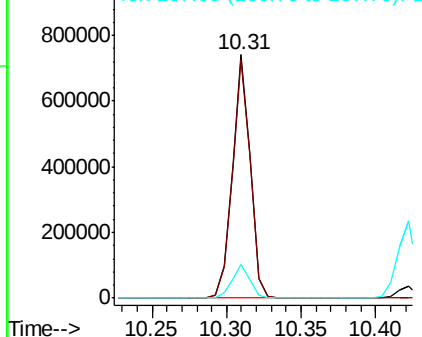


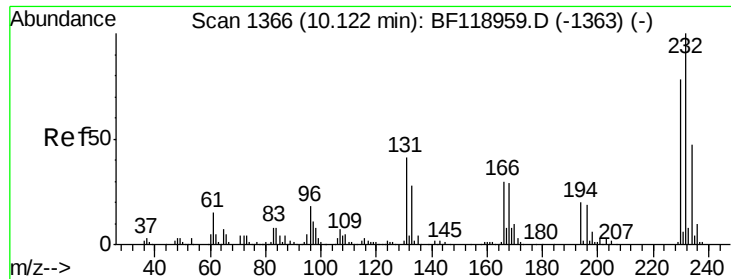
#58
 Fluorene
 Concen: 40.934 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	625190		
165	97.7		78.5	117.7
167	13.8		11.0	16.4



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





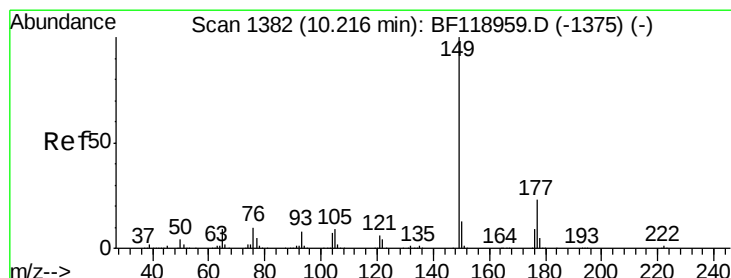
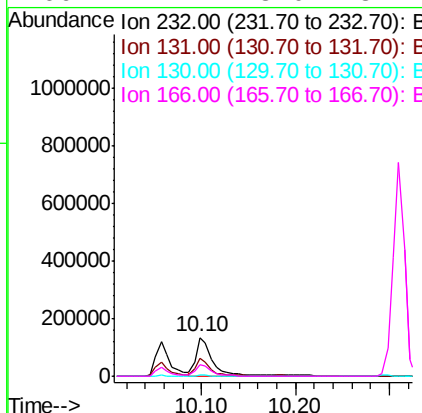
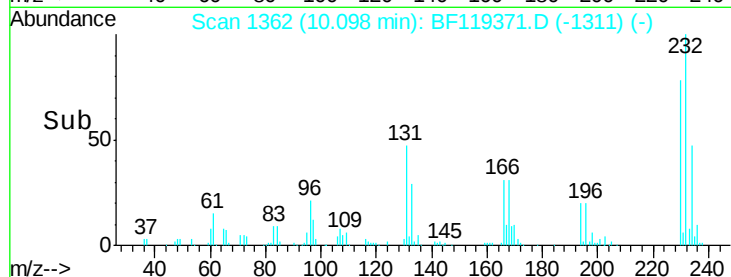
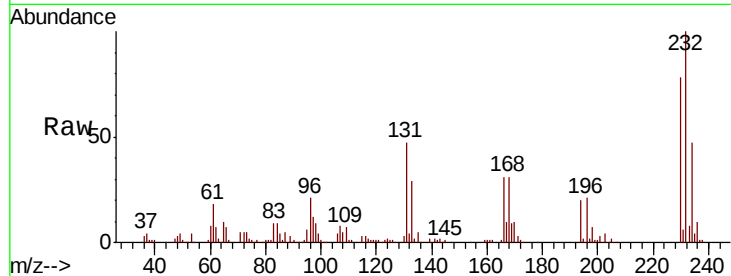
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.136 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.8	50.8
130	2.4	1.8	2.6
166	27.7	23.0	34.4

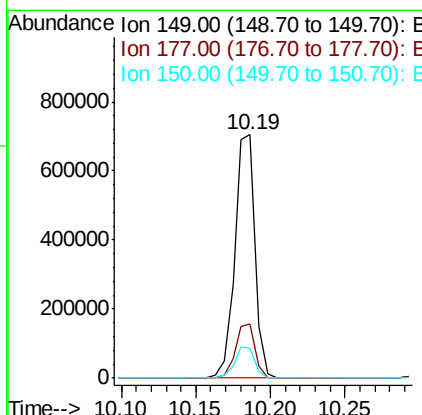
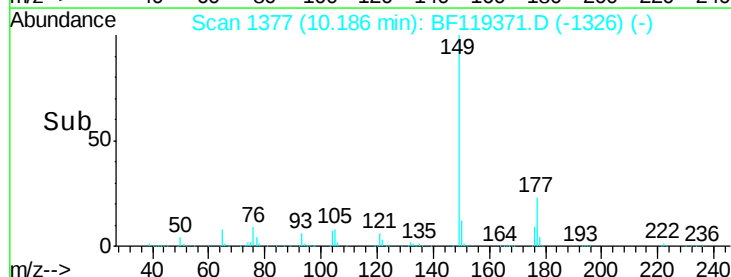
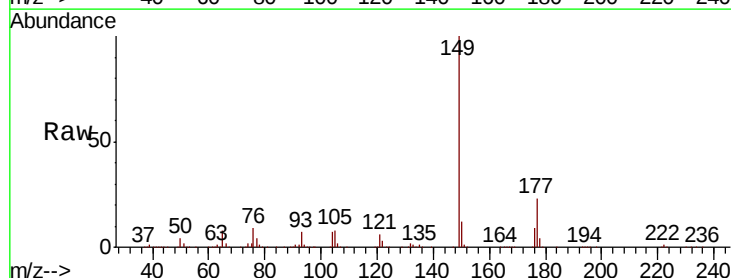
Manual Integrations
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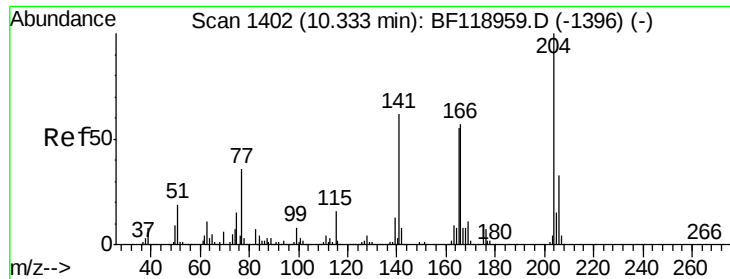
mohammad
 3/16/2020 1:47:15 PM



#60
 Diethylphthalate
 Concen: 39.953 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.2
150	12.4	10.5	15.7





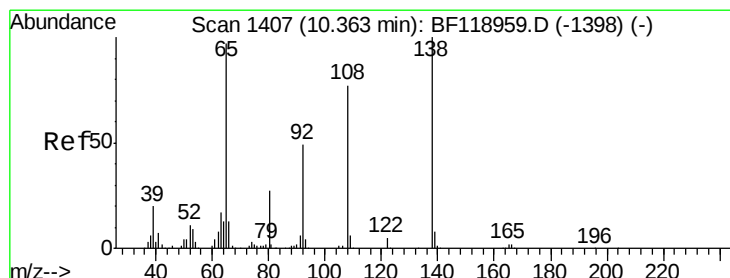
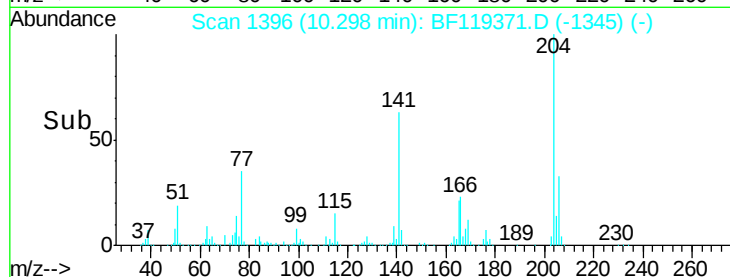
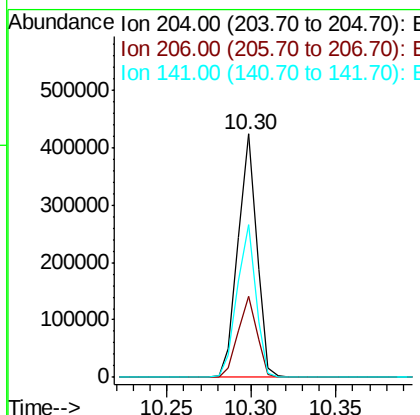
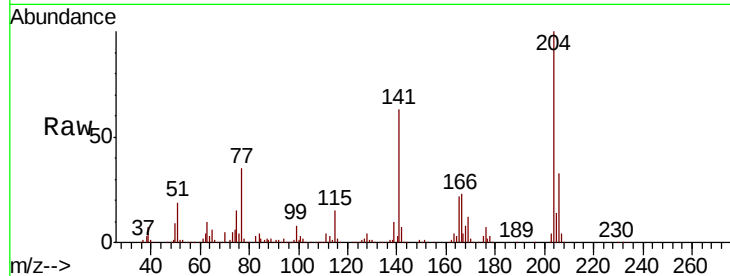
#61
4-Chlorophenyl-phenylether
Concen: 40.611 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.1	40.7
141	62.7	52.9	79.3

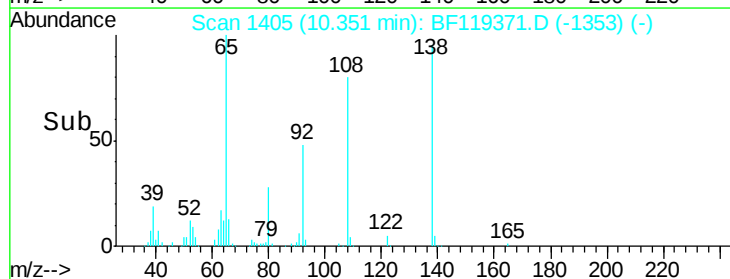
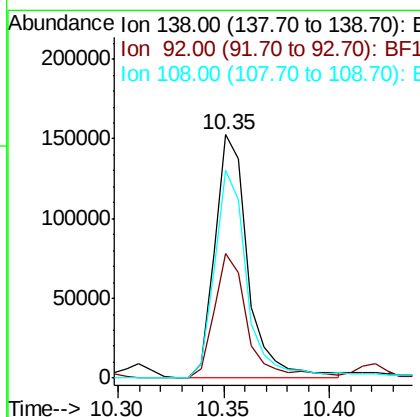
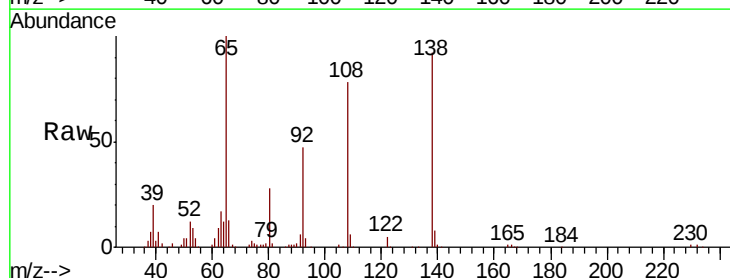
Manual Integrations
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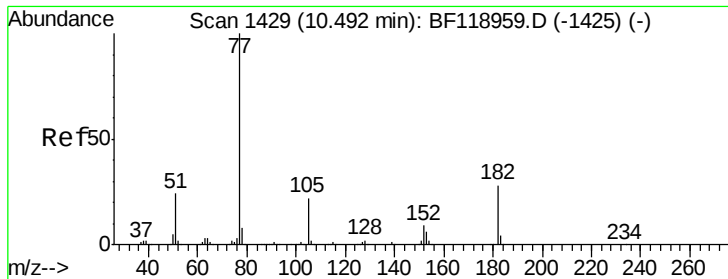
mohammad
3/16/2020 1:47:15 PM



#62
4-Nitroaniline
Concen: 37.519 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	27.3	67.3
108	85.1	57.0	97.0





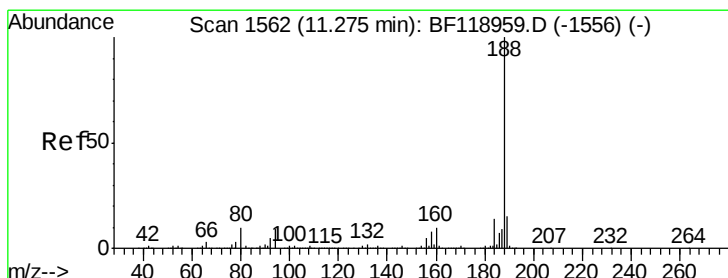
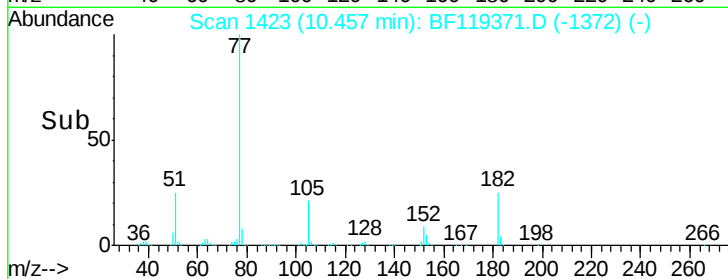
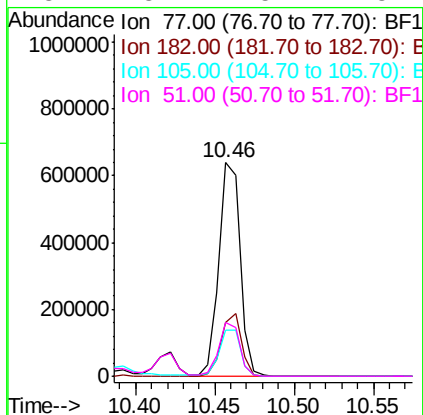
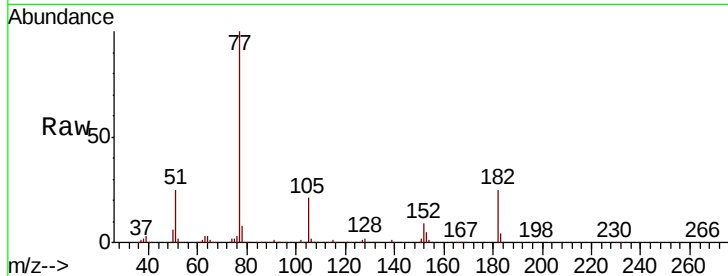
#63
Azobenzene
Concen: 40.916 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.0	11.4	51.4	
105	21.3	3.4	43.4	
51	25.1	5.1	45.1	

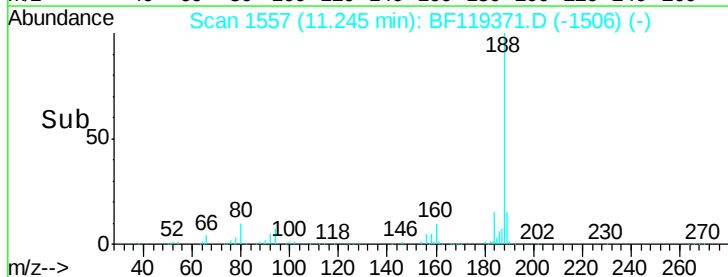
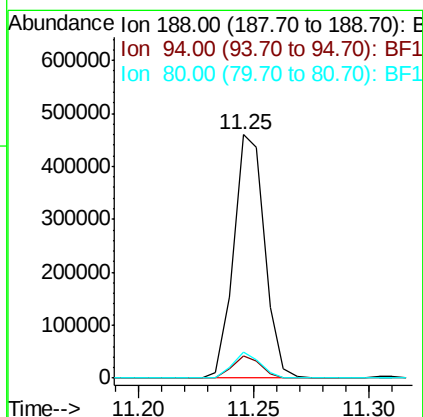
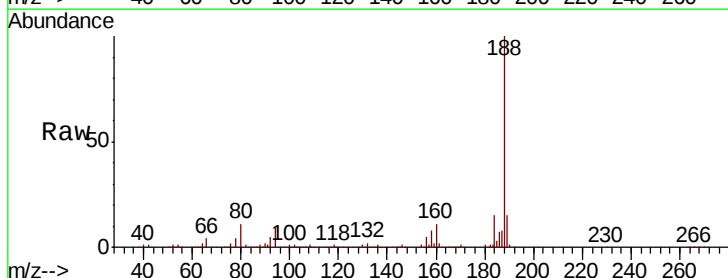
Manual Integrations
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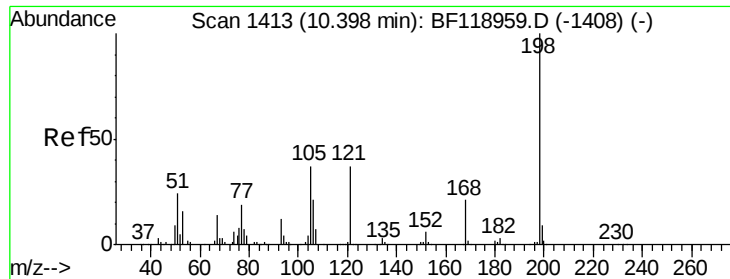
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.1	10.7	
80	10.6	7.8	11.8	





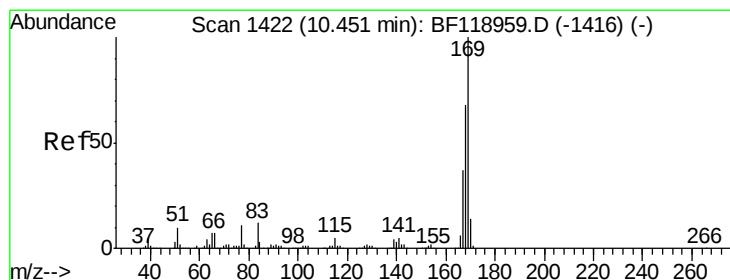
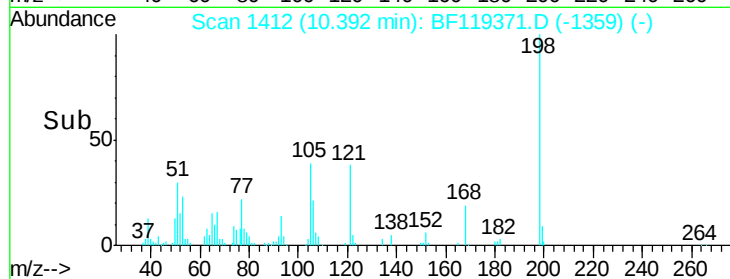
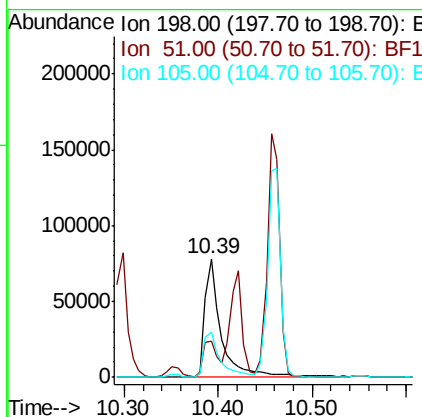
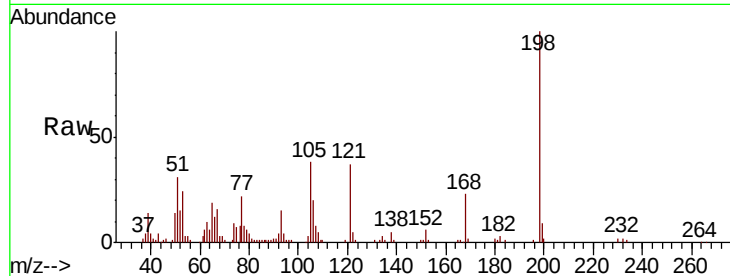
#65
4,6-Dinitro-2-methylphenol
Concen: 36.834 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.6	14.2	54.2
105	38.2	22.7	62.7

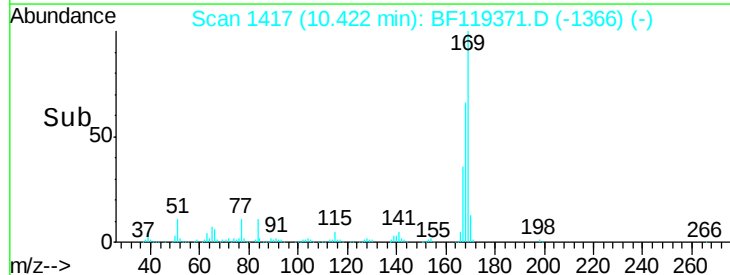
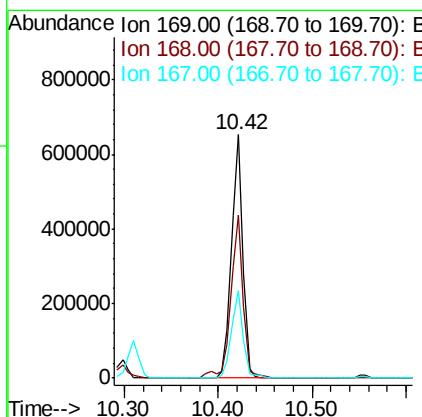
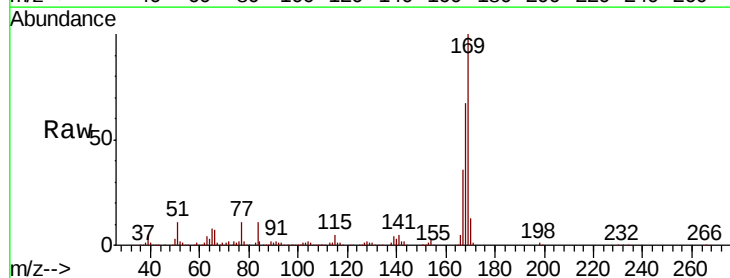
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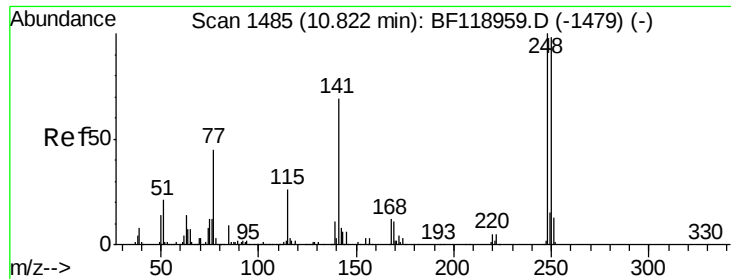
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.136 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	35.7	29.4	44.0





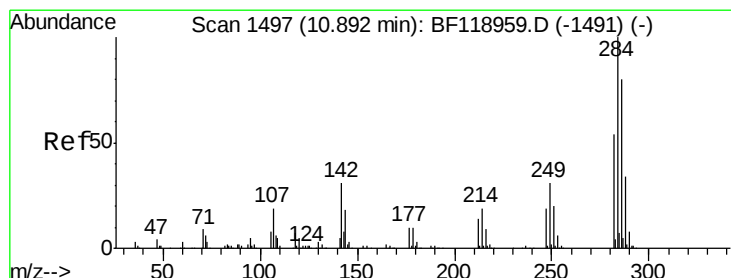
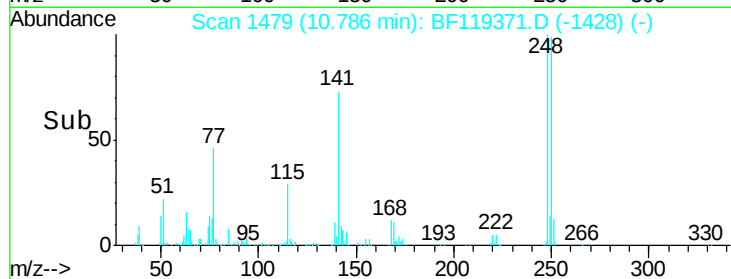
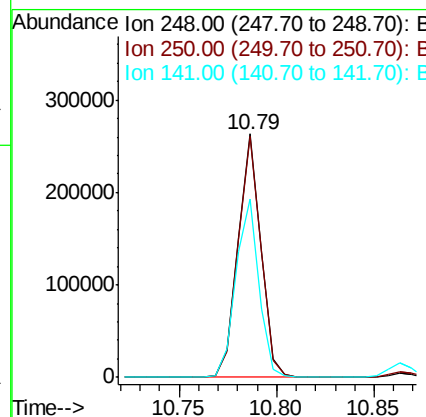
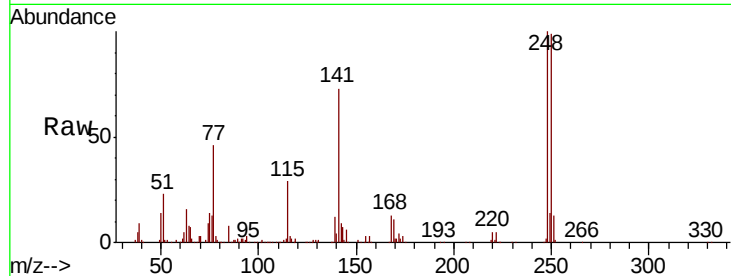
#67
4-Bromophenyl-phenylether
Concen: 37.990 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.7	115.1
141	73.1	60.7	91.1

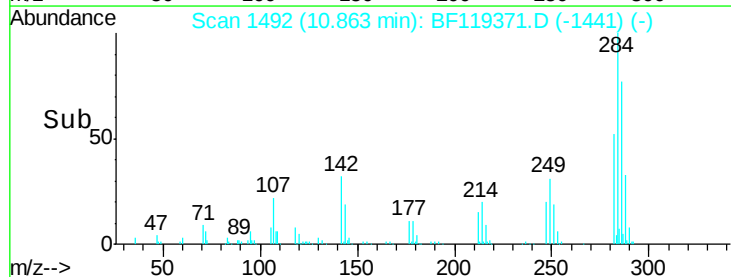
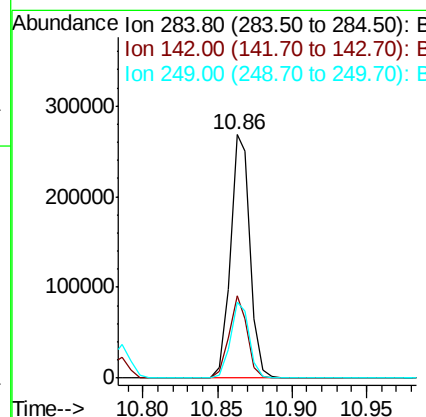
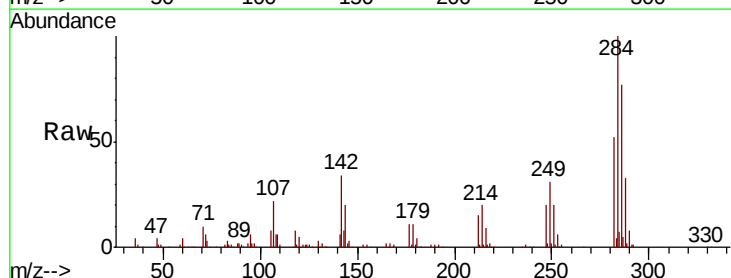
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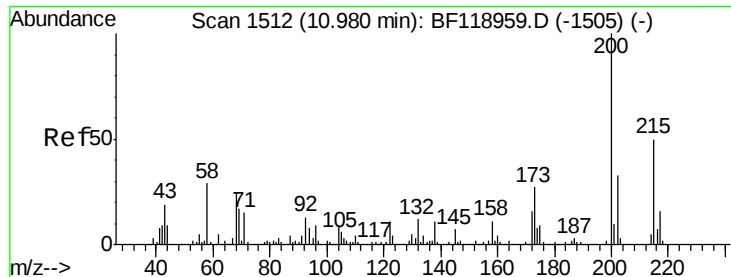
mohammad
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#68
Hexachlorobenzene
Concen: 38.546 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	23.7	35.5
249	31.5	25.0	37.6





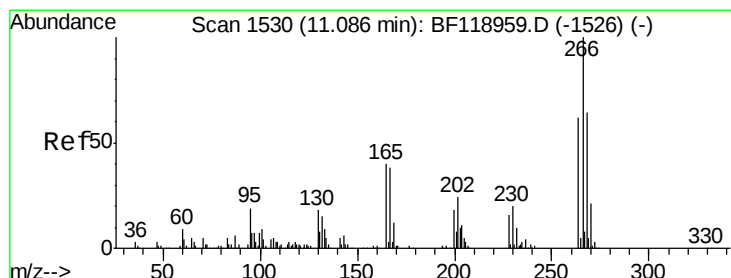
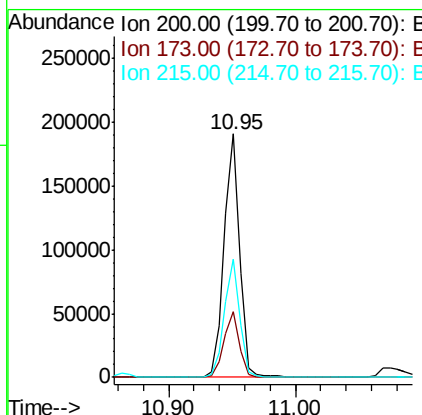
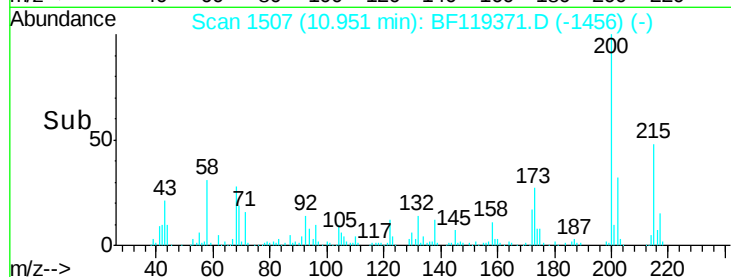
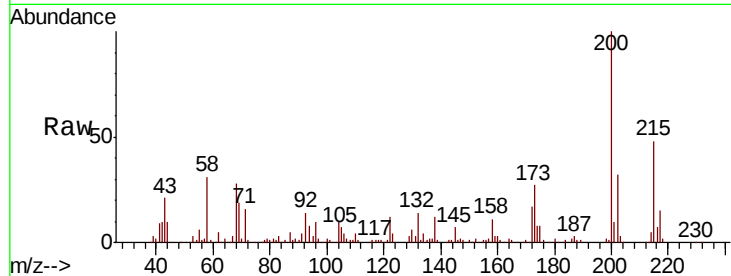
#69
Atrazine
Concen: 33.247 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	6.4	46.4
215	48.5	27.4	67.4

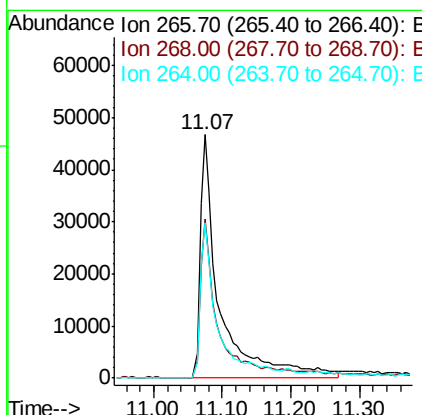
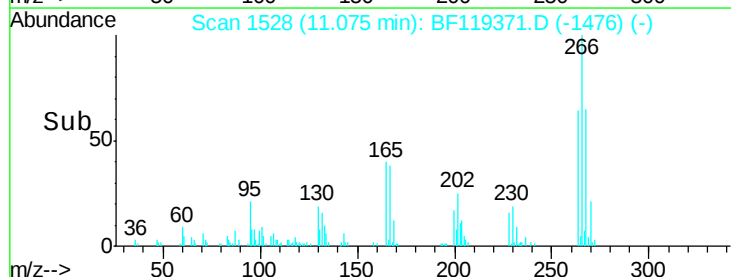
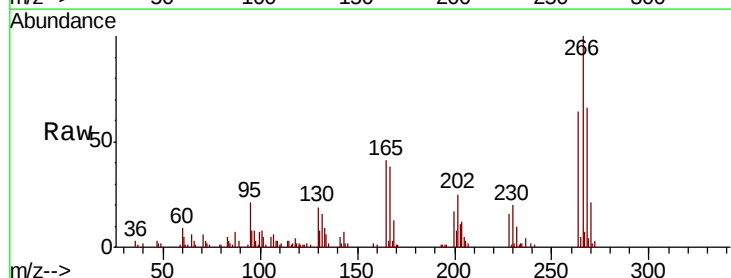
Manual Integrations
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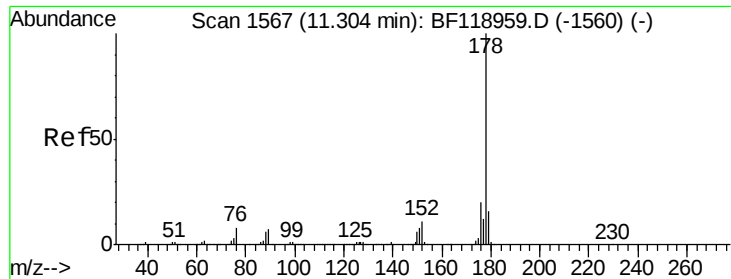
mohammad
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#70
Pentachlorophenol
Concen: 35.847 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	51.9	77.9
264	63.6	51.0	76.4





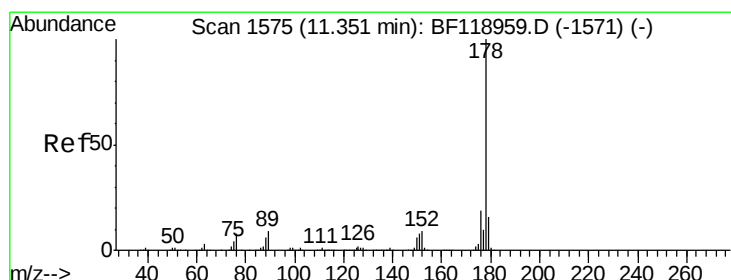
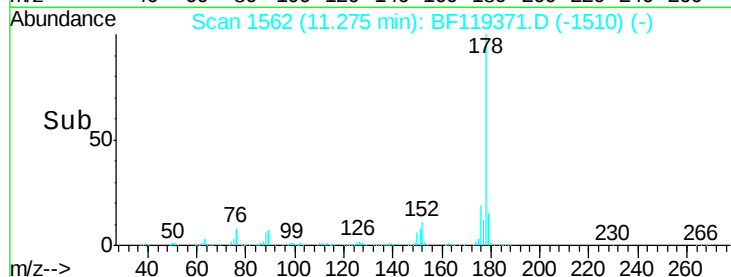
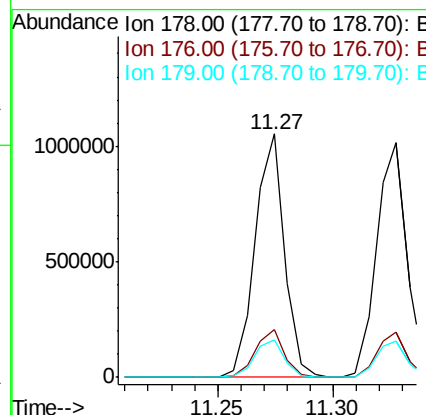
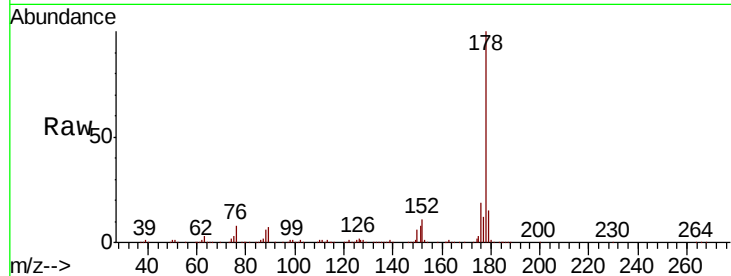
#71
Phenanthrene
Concen: 39.912 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	15.4	13.0	19.6

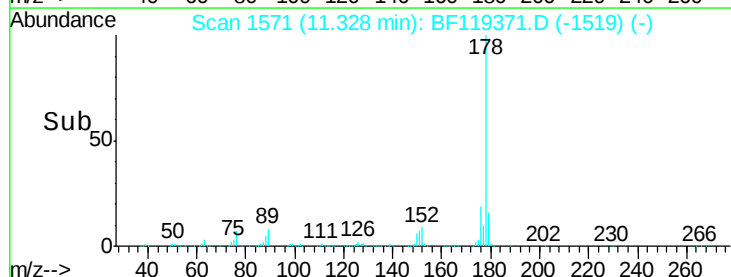
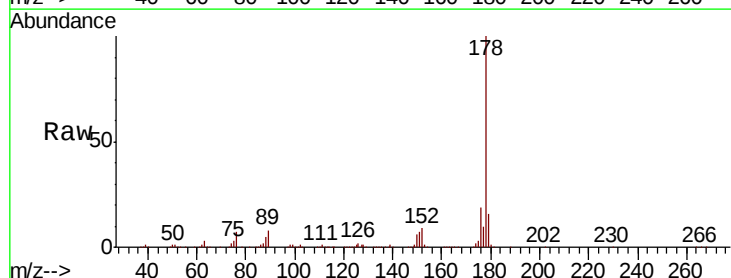
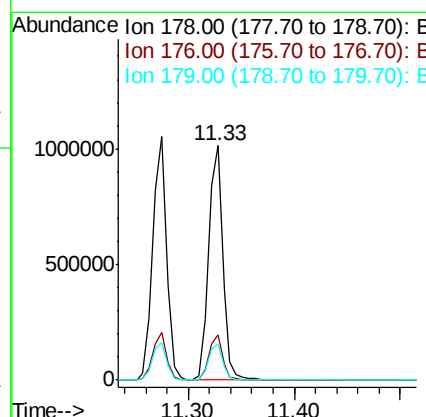
Manual Integrations
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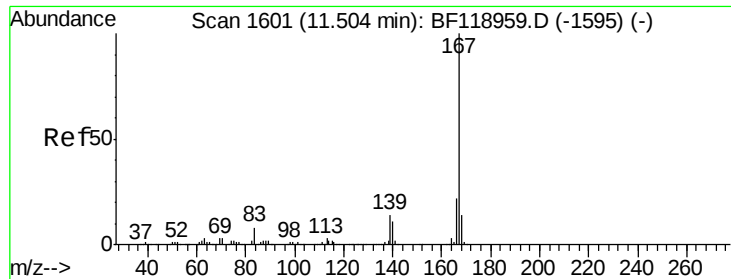
mohammad
3/16/2020 1:47:15 PM



#72
Anthracene
Concen: 40.166 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.6	13.1	19.7





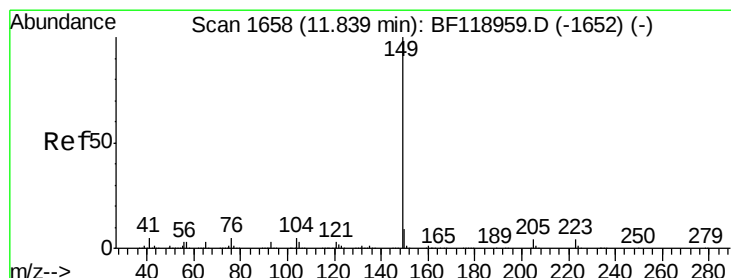
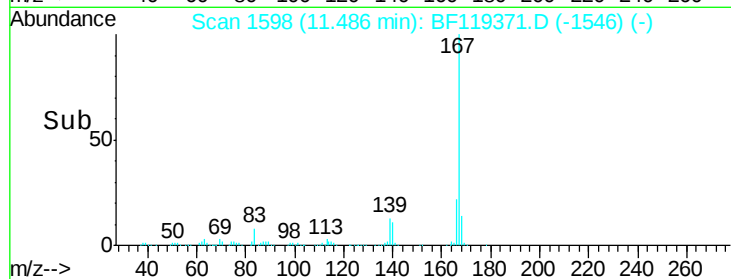
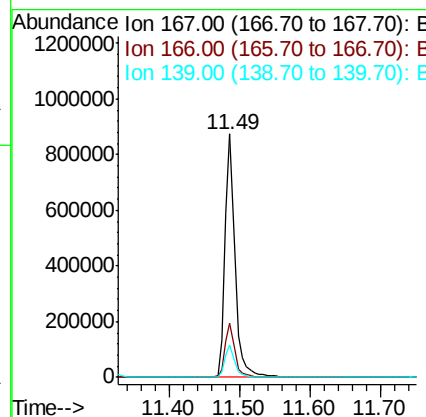
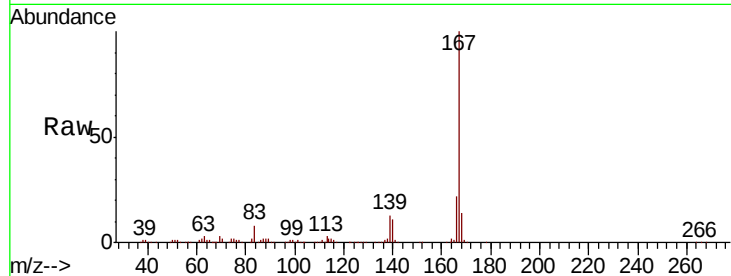
#73
 Carbazole
 Concen: 41.125 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.4	11.7	17.5

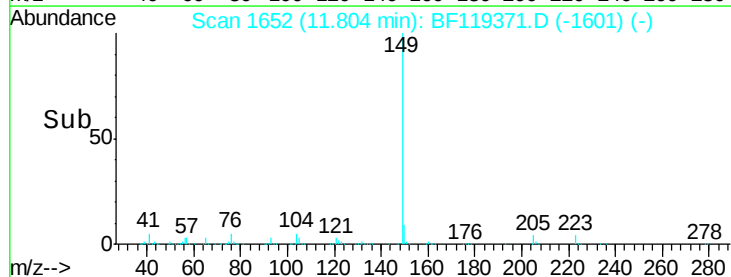
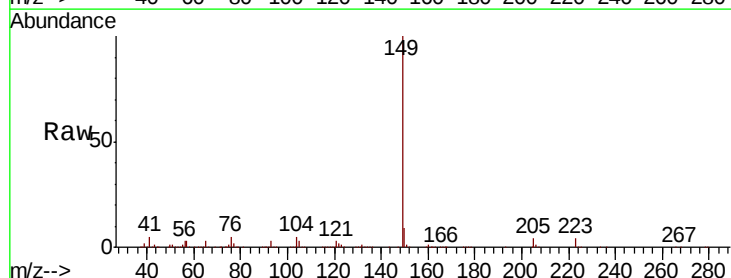
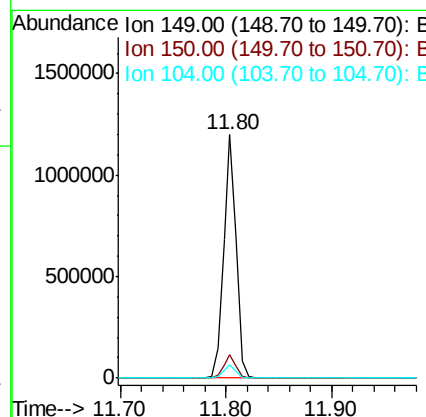
Manual Integrations
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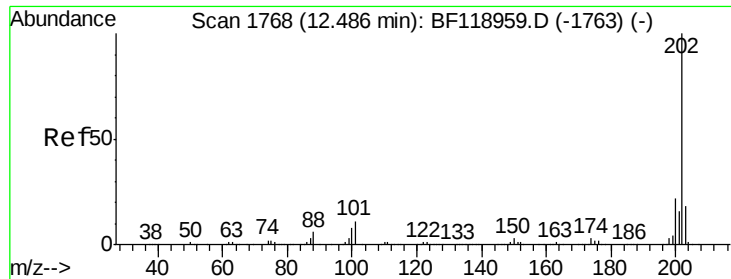
mohammad
 3/16/2020 1:47:15 PM



#74
 Di-n-butylphthalate
 Concen: 39.773 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.6	6.8





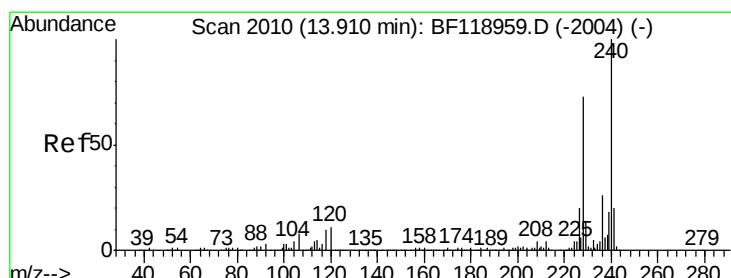
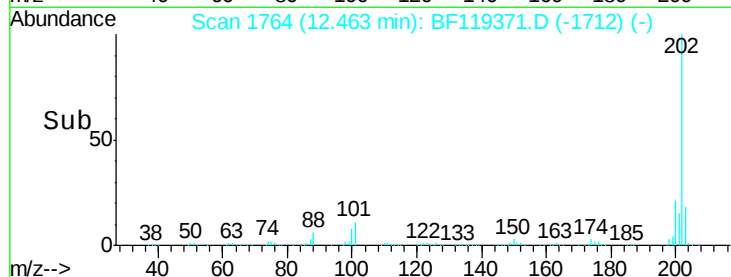
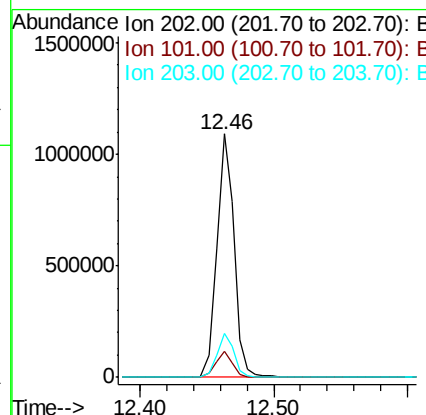
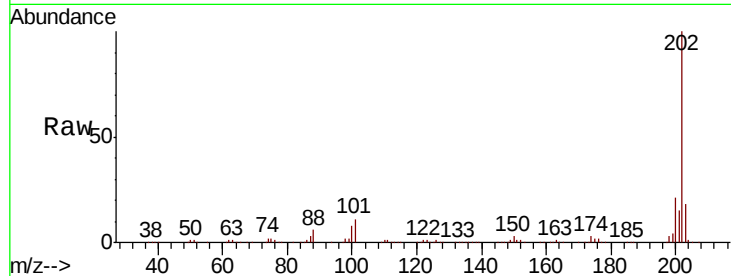
#75
Fluoranthene
Concen: 39.806 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	991155		
101	10.8	0.0	30.3	
203	18.2	0.0	38.4	

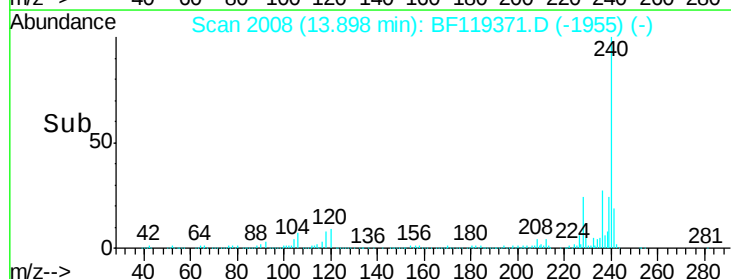
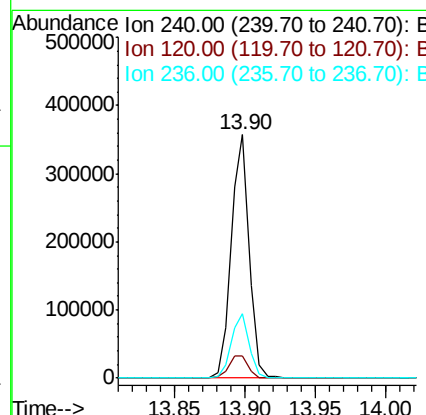
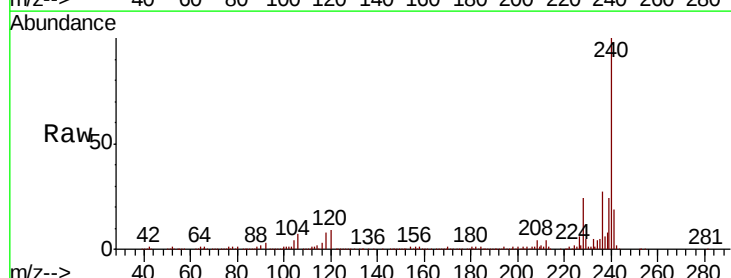
Manual Integrations
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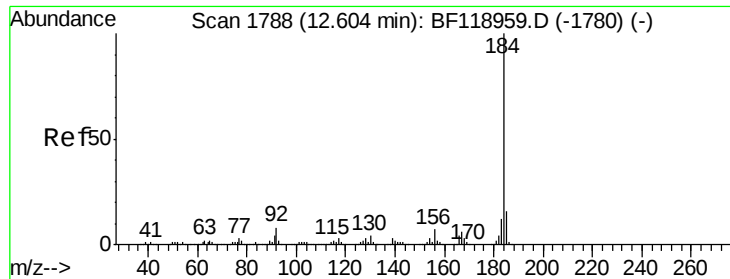
mohammad
3/16/2020 1:47:15 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	312439		
120	8.9	8.4	12.6	
236	26.7	21.0	31.4	





#77

Benzidine

Concen: 37.109 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 471527

Ion Ratio Lower Upper

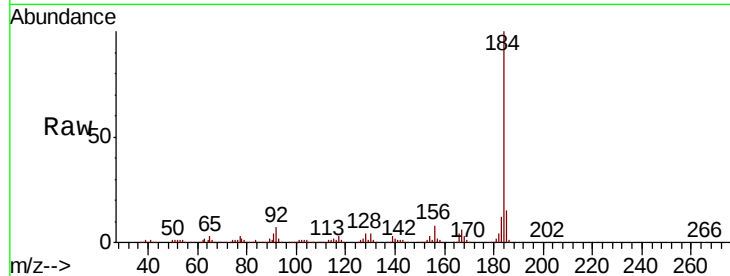
184 100

185 14.9 12.2 18.4

183 12.0 9.9 14.9

Manual Integrations
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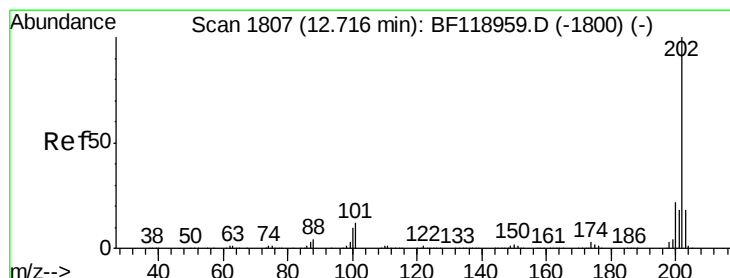
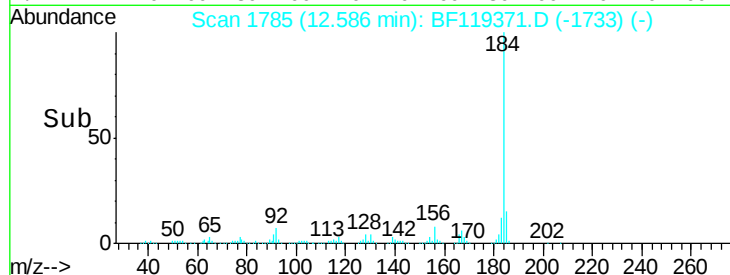
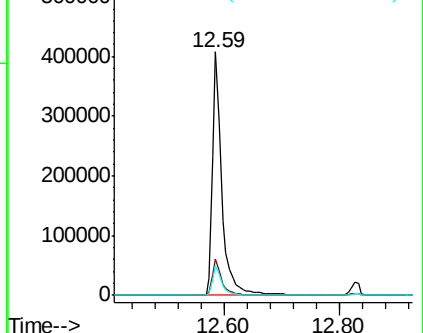
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.795 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

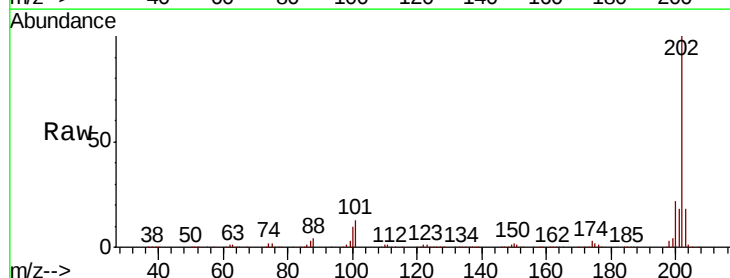
Tgt Ion:202 Resp: 998404

Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

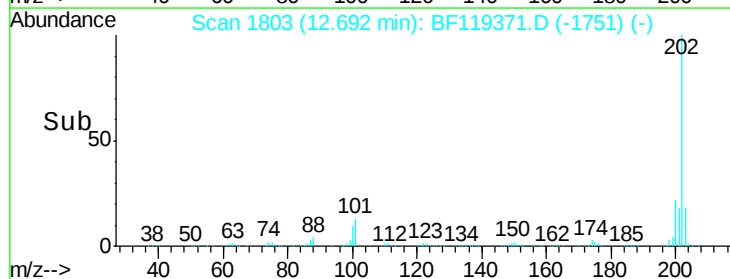
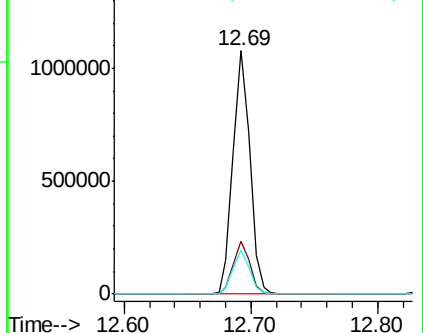
203 17.9 14.6 22.0

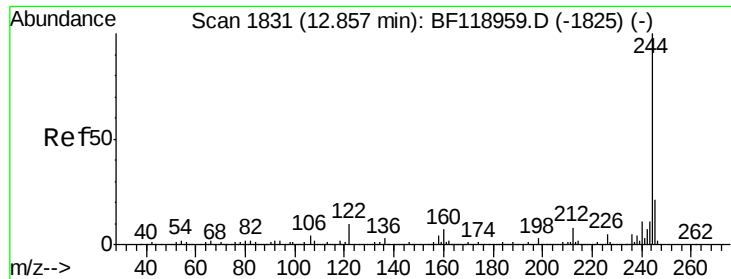


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.678 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1482244

Ion Ratio Lower Upper

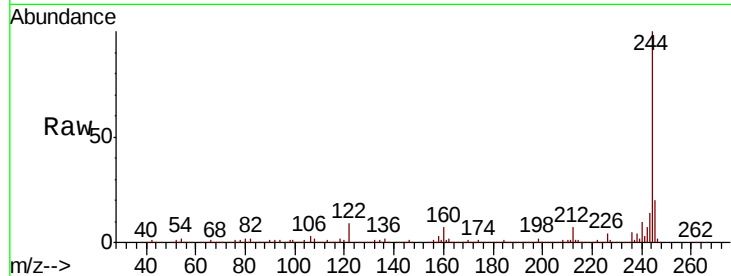
244 100

212 7.1 6.6 10.0

122 8.5 8.2 12.2

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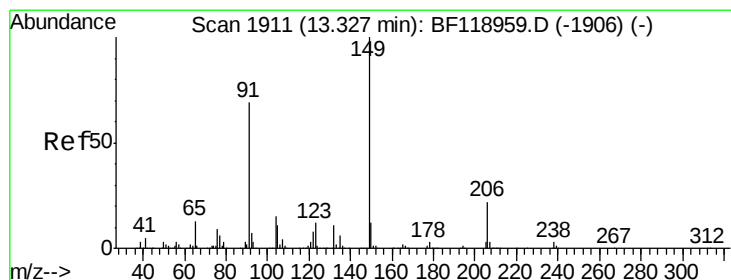
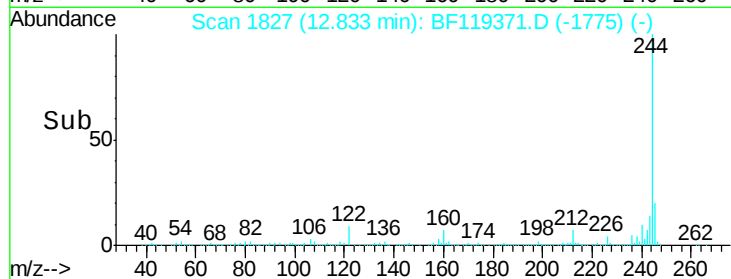
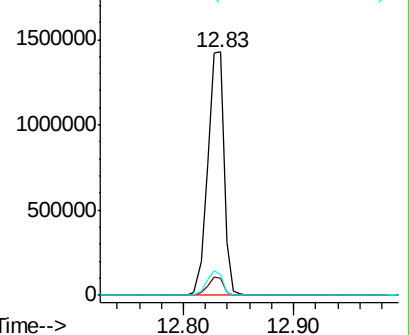
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.442 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

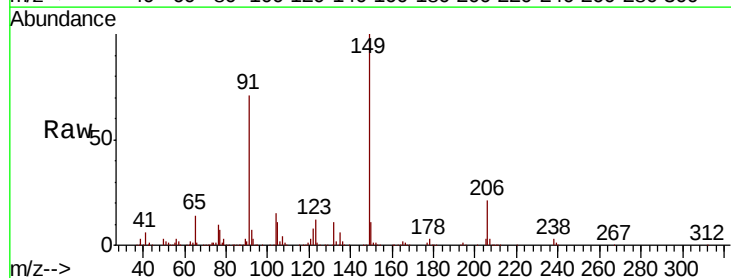
Tgt Ion:149 Resp: 416470

Ion Ratio Lower Upper

149 100

91 71.0 52.3 78.5

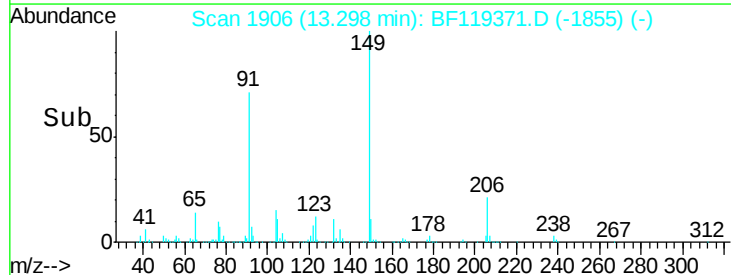
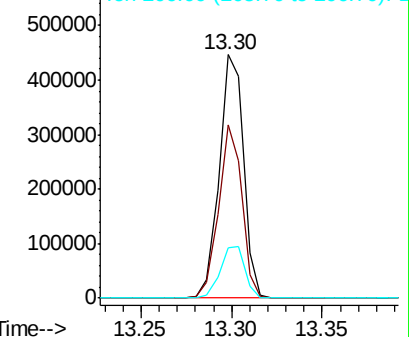
206 20.9 18.5 27.7

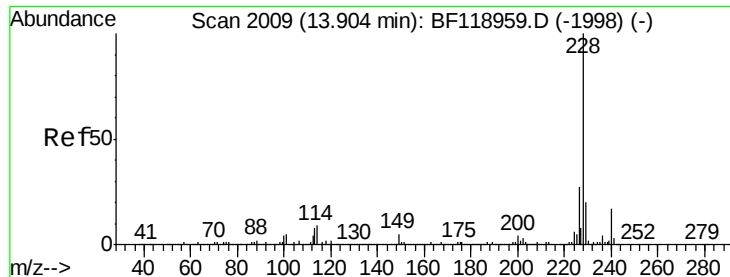


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.780 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Instrument :

BNA_F

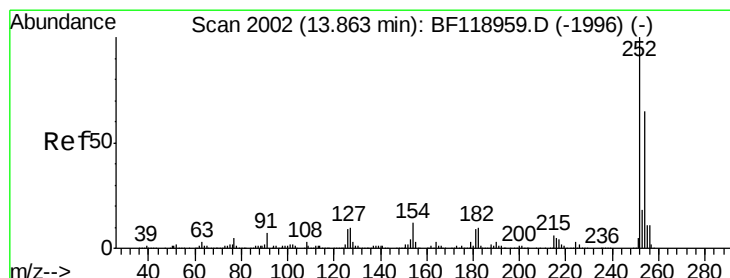
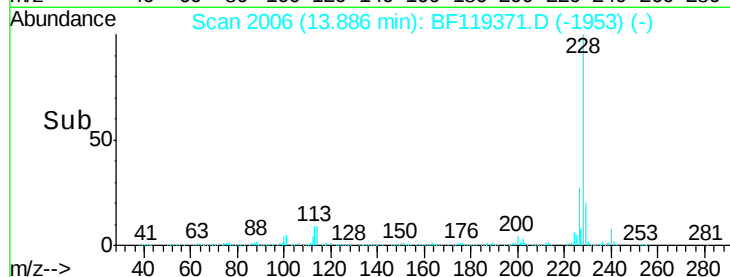
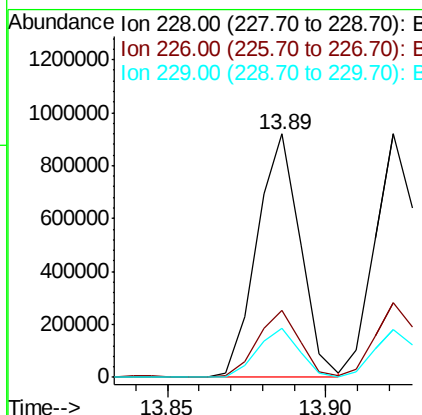
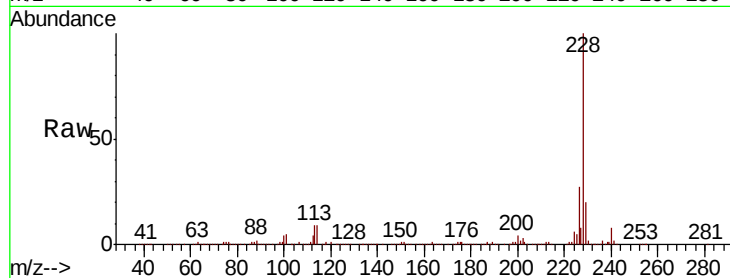
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	868142
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	20.2	16.6	24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 39.633 ng

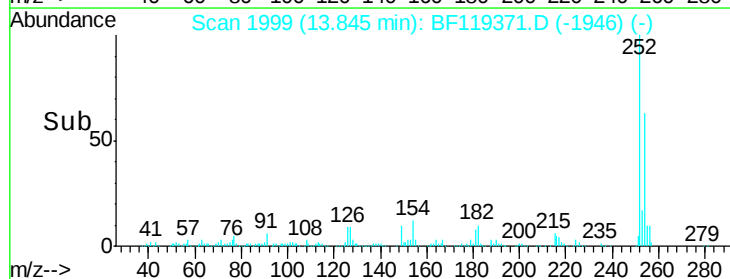
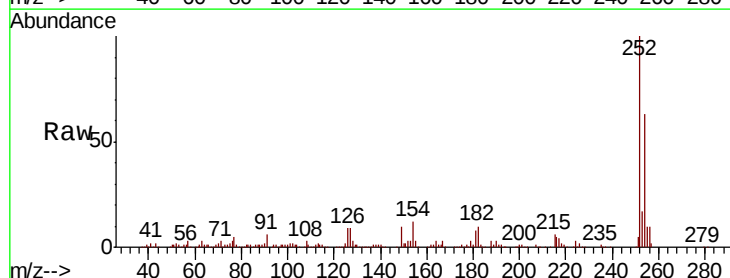
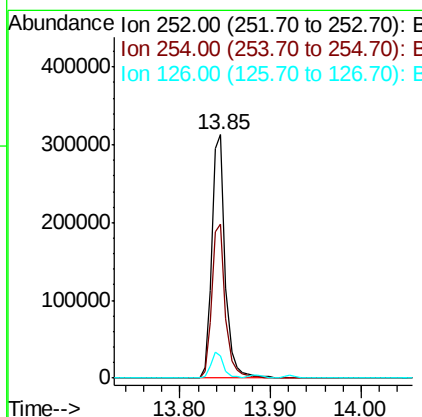
RT: 13.85 min Scan# 1999

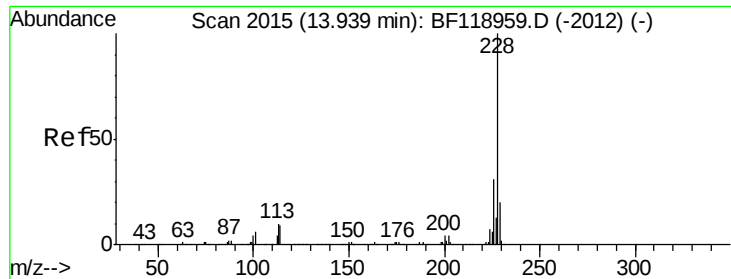
Delta R.T. 0.01 min

Lab File: BF119371.D

Acq: 12 Mar 2020 9:50

Tgt Ion:	252	Resp:	327623
Ion Ratio	Lower	Upper	
252	100		
254	63.5	51.6	77.4
126	9.1	7.4	11.0





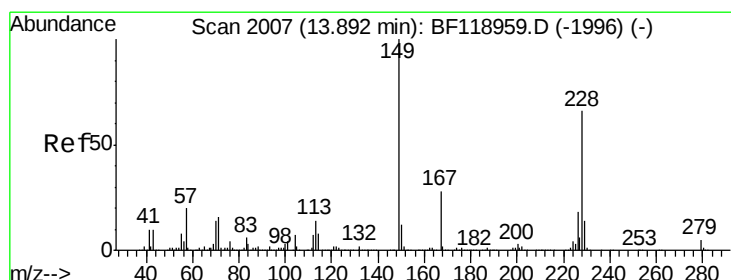
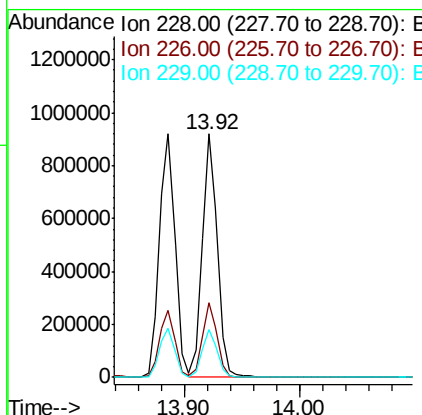
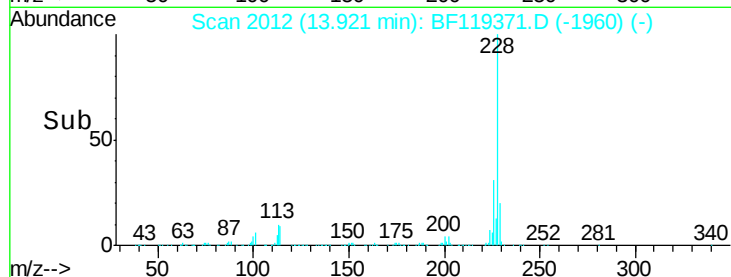
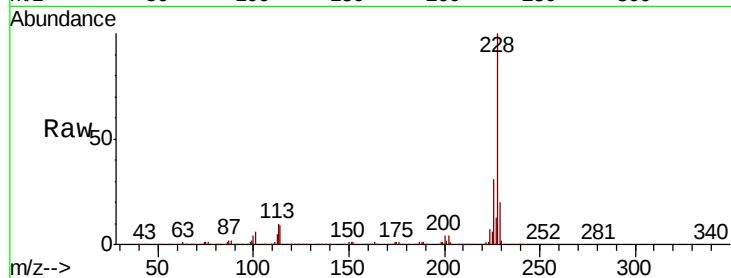
#83
 Chrysene
 Concen: 39.937 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	228	Resp:	847145
Ion Ratio		Lower	Upper
228	100		
226	30.5	25.1	37.7
229	19.8	16.3	24.5

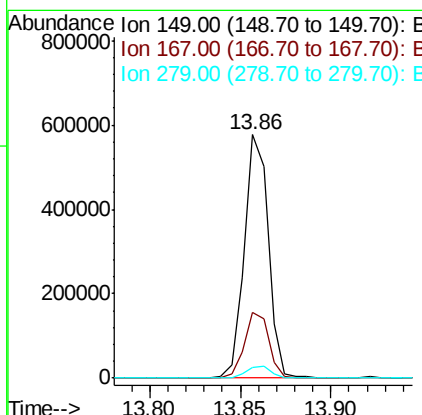
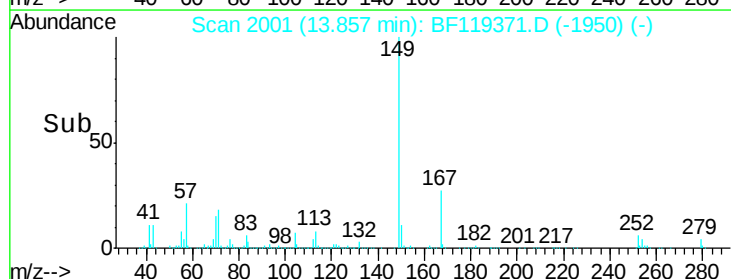
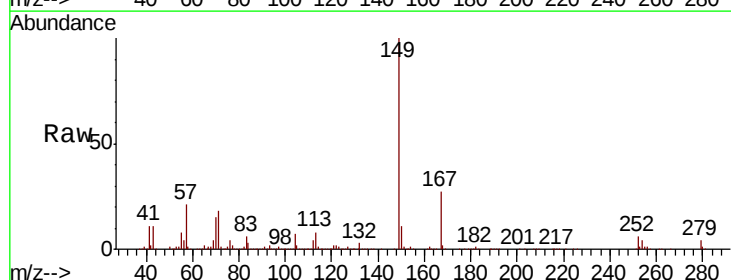
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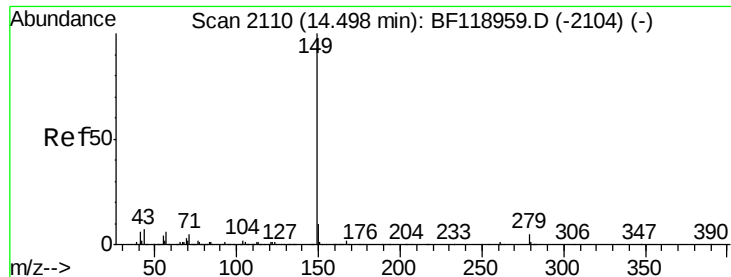
mohammad
 3/16/2020 1:47:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.812 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119371.D
 Acq: 12 Mar 2020 9:50

Tgt Ion:	149	Resp:	531083
Ion Ratio		Lower	Upper
149	100		
167	27.0	22.8	34.2
279	4.4	4.6	6.8#





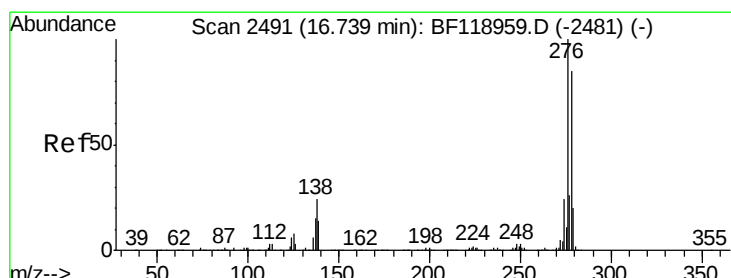
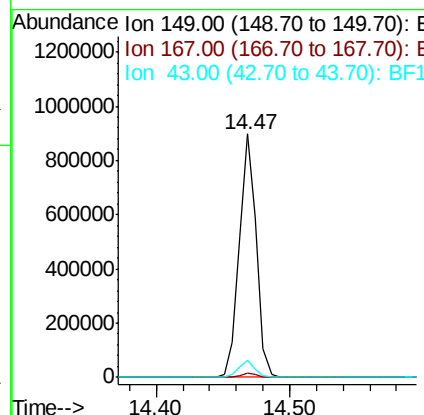
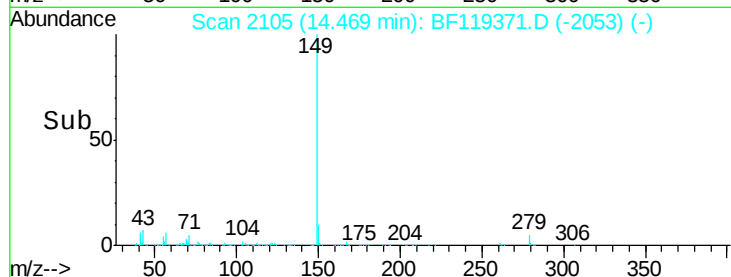
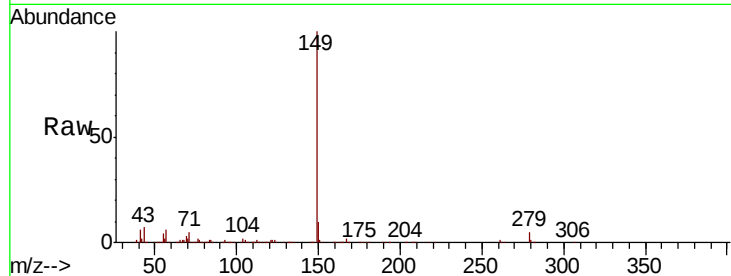
#85
Di-n-octyl phthalate
Concen: 37.864 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.7	5.7	8.5

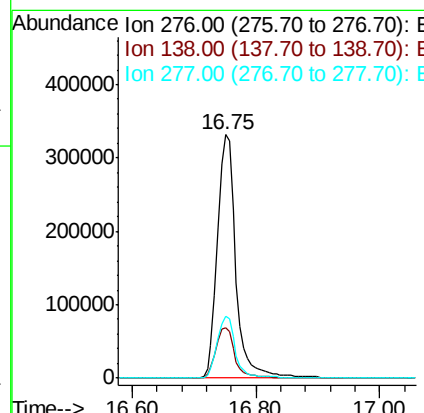
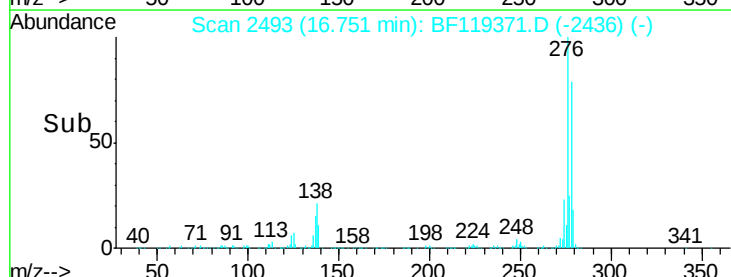
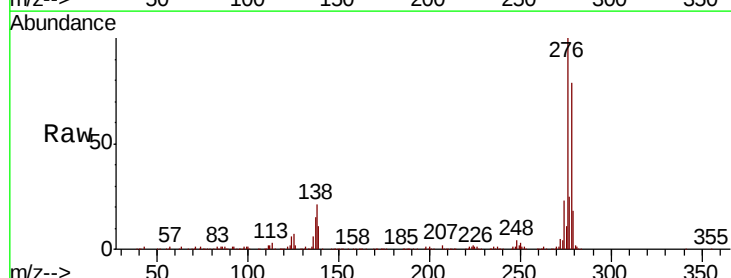
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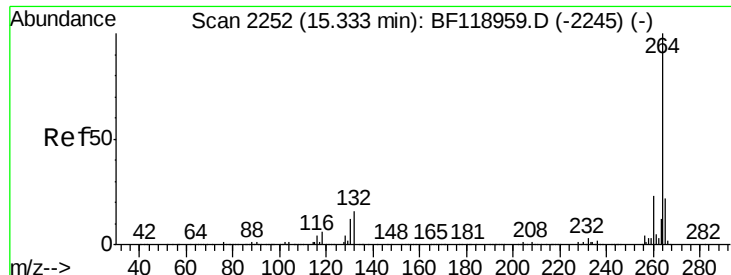
mohammad
3/16/2020 1:47:15 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.357 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.4	26.0
277	25.1	20.3	30.5





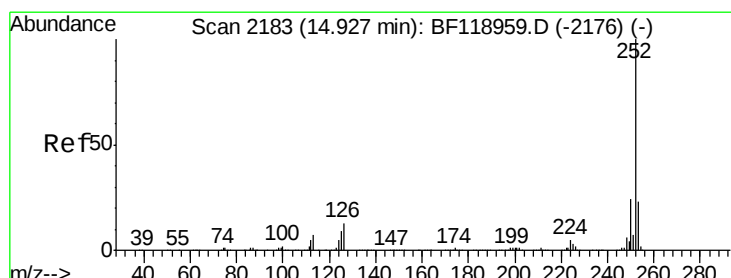
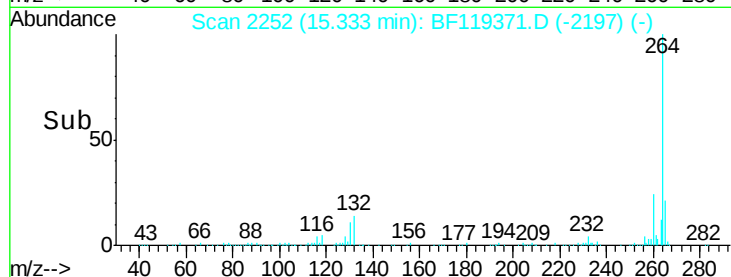
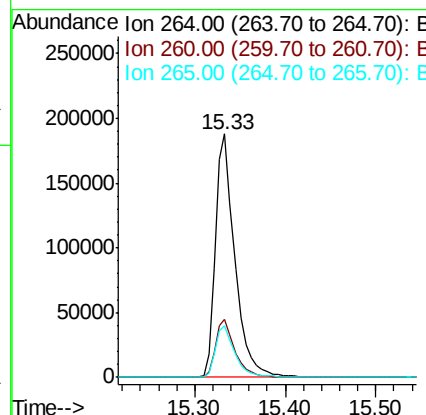
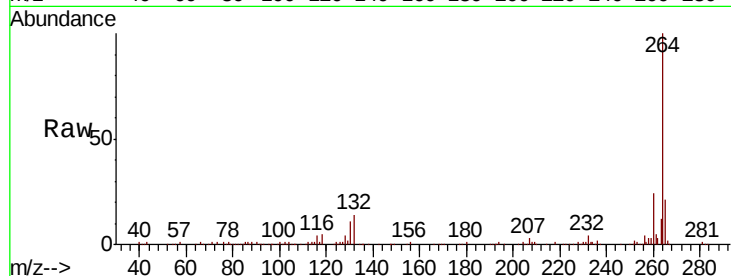
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.7	26.5

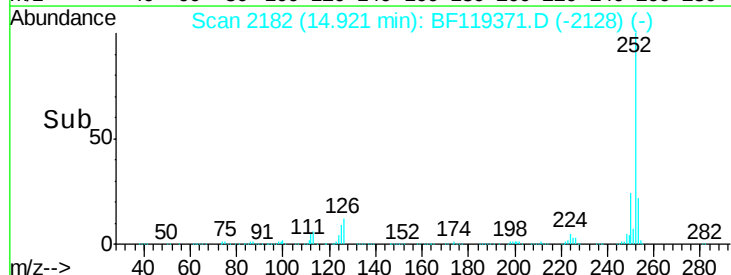
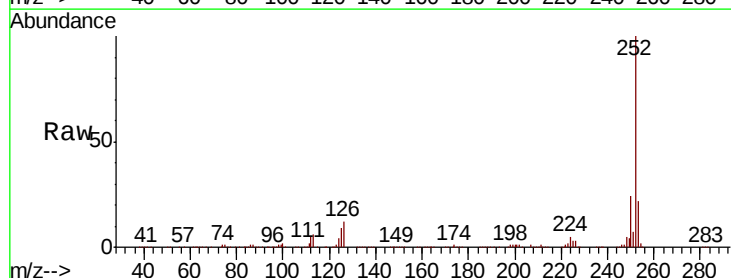
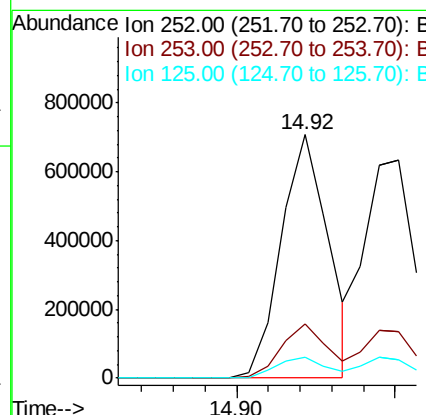
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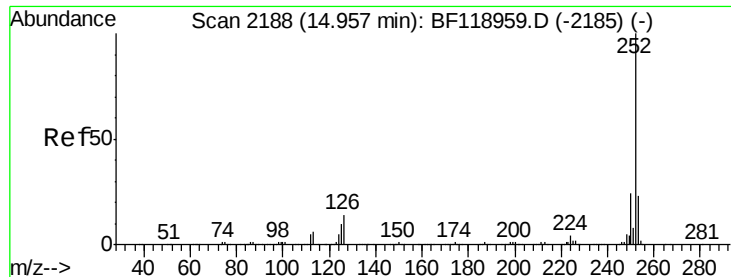
mohammad
3/16/2020 1:47:15 PM



#88
Benzo(b)fluoranthene
Concen: 39.638 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.7	7.4	11.0





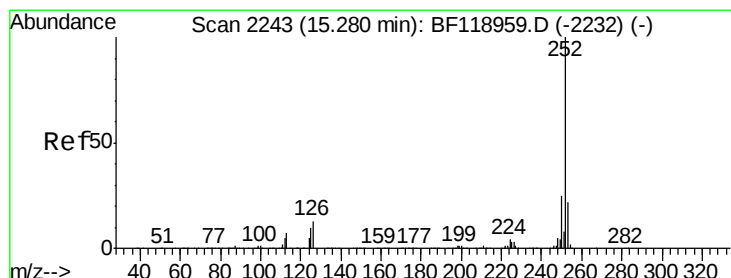
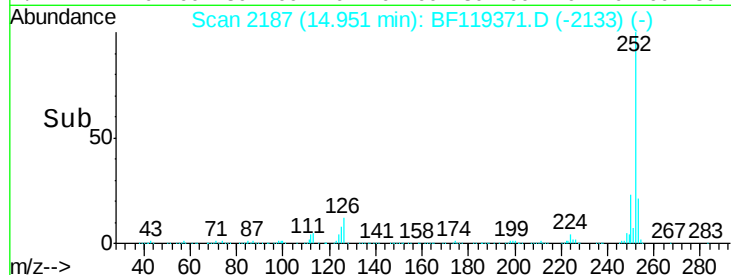
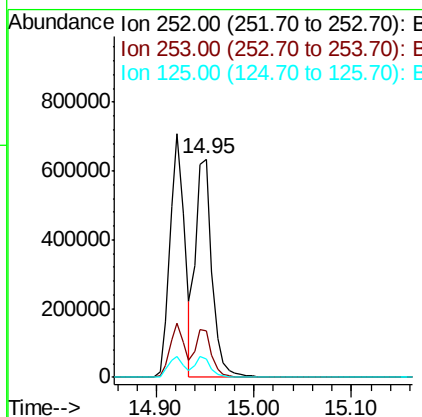
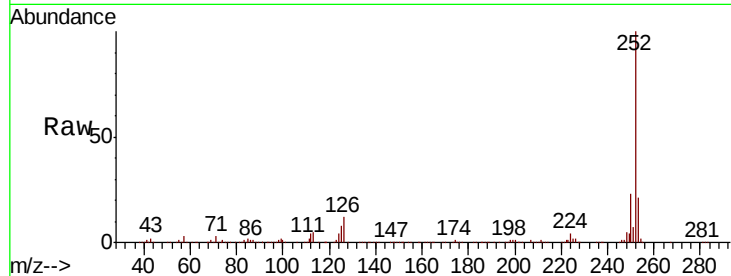
#89
Benzo(k)fluoranthene
Concen: 43.180 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	8.1	7.5	11.3

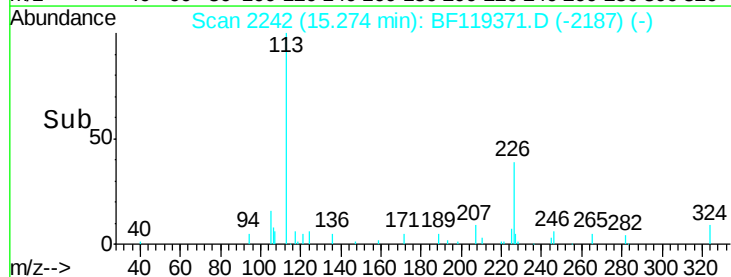
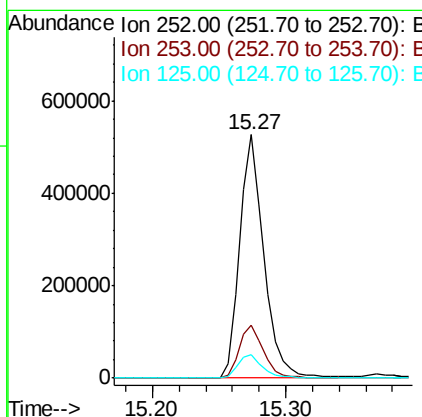
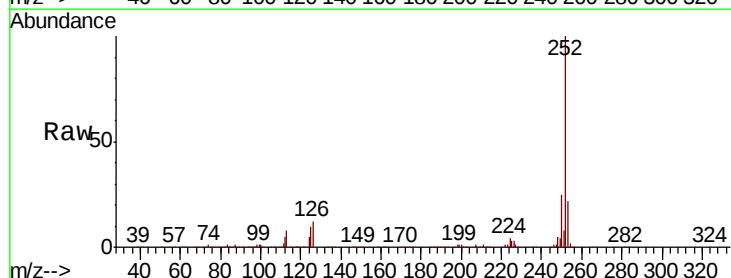
Manual Integrations
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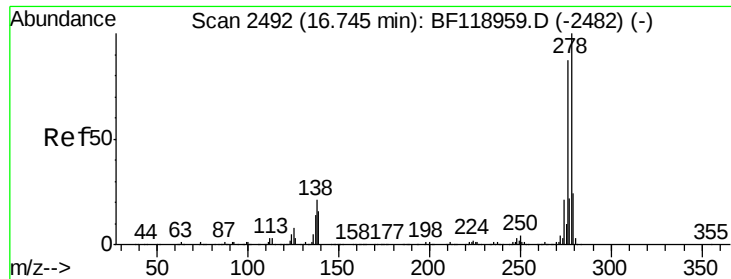
mohammad
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#90
Benzo(a)pyrene
Concen: 39.513 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.6	8.6	12.8





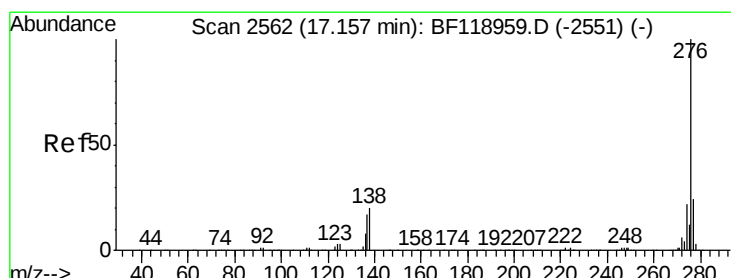
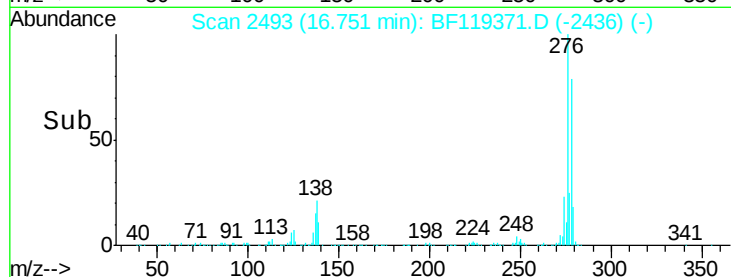
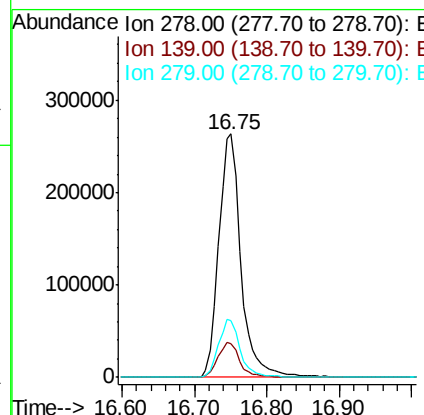
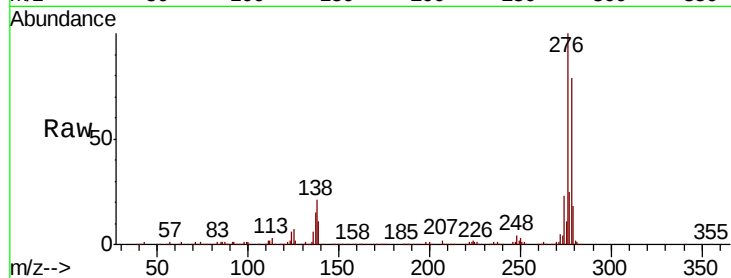
#91
Dibenzo(a,h)anthracene
Concen: 38.049 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.0	16.4
279	23.1	18.6	28.0

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 37.670 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF119371.D
Acq: 12 Mar 2020 9:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	18.7	14.3	21.5

