

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120073.D
 Acq On : 20 Apr 2020 13:08
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/21/2020 2:54:33 PM

Quant Time: Apr 20 14:22:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	195856	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	756430	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	334689	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	768248	20.00	ng	0.00
76) Chrysene-d12	13.90	240	589897	20.00	ng	0.00
87) Perylene-d12	15.32	264	579229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	933504	82.37	ng	0.00
7) Phenol-d6	6.36	99	1201260	82.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	1058862	72.42	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	335197	81.80	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1851346	78.54	ng	0.00
79) Terphenyl-d14	12.84	244	2242072	63.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	221911	43.962	ng	98
3) Pyridine	3.03	79	511435	36.929	ng	99
4) n-Nitrosodimethylamine	3.00	42	272920	38.570	ng	97
6) Aniline	6.38	93	771268	40.240	ng	# 58
8) 2-Chlorophenol	6.50	128	504862	39.870	ng	97
9) Benzaldehyde	6.26	77	320849	41.713	ng	98
10) Phenol	6.37	94	653708	39.458	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	512962	40.101	ng	100
12) 1,3-Dichlorobenzene	6.66	146	541028	39.026	ng	99
13) 1,4-Dichlorobenzene	6.73	146	543788	38.507	ng	99
14) 1,2-Dichlorobenzene	6.89	146	516478	39.685	ng	98
15) Benzyl Alcohol	6.87	79	442064	38.975	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	934205	37.530	ng	97
17) 2-Methylphenol	6.99	107	447448	39.596	ng	95
18) Hexachloroethane	7.23	117	206576	39.142	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	369214	39.317	ng	99
20) 3+4-Methylphenols	7.14	107	563554	40.776	ng	97
22) Acetophenone	7.14	105	679866	38.382	ng	96
24) Nitrobenzene	7.31	77	524163	35.636	ng	97
25) Isophorone	7.55	82	1058453	37.552	ng	99
26) 2-Nitrophenol	7.62	139	284731	38.747	ng	98
27) 2,4-Dimethylphenol	7.67	122	421514	38.033	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	640315	38.606	ng	100
29) 2,4-Dichlorophenol	7.87	162	428958	37.759	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	482538	37.487	ng	99
31) Naphthalene	8.03	128	1520001	38.193	ng	100
32) Benzoic acid	7.82	122	335238	34.441	ng	97
33) 4-Chloroaniline	8.08	127	648378	37.423	ng	99
34) Hexachlorobutadiene	8.15	225	288918	37.496	ng	99
35) Caprolactam	8.47	113	126224m	36.323	ng	
36) 4-Chloro-3-methylphenol	8.57	107	457466	37.194	ng	99
37) 2-Methylnaphthalene	8.72	142	884473	32.780	ng	99
38) 1-Methylnaphthalene	8.82	142	821276	32.294	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	404436	38.259	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 SSTDC0040

Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	252121	41.943	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	311692	42.699	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	308169	37.483	nq	97
46) 1,1'-Biphenyl	9.19	154	1099140	38.908	nq	98
47) 2-Chloronaphthalene	9.21	162	833237	38.289	nq	97
48) 2-Nitroaniline	9.31	65	306818	38.905	nq	94
49) Acenaphthylene	9.63	152	1279661	38.665	nq	99
50) Dimethylphthalate	9.50	163	981933	37.930	nq	100
51) 2,6-Dinitrotoluene	9.56	165	223915	39.498	nq	97
52) Acenaphthene	9.80	154	775911	35.145	nq	98
53) 3-Nitroaniline	9.73	138	247322	38.199	nq	97
54) 2,4-Dinitrophenol	9.83	184	154912	45.643	nq	# 89
55) Dibenzofuran	9.97	168	1352189	44.633	nq	100
56) 4-Nitrophenol	9.90	139	211381	43.879	nq	87
57) 2,4-Dinitrotoluene	9.96	165	327583	43.859	nq	92
58) Fluorene	10.32	166	904638	37.337	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	262952	41.818	nq	99
60) Diethylphthalate	10.20	149	1034765	38.566	nq	98
61) 4-Chlorophenyl-phenylether	10.31	204	453403	36.511	nq	98
62) 4-Nitroaniline	10.35	138	252555	40.931	nq	97
63) Azobenzene	10.47	77	938905	39.047	nq	99
65) 4,6-Dinitro-2-methylphenol	10.37	198	161580	31.925	nq	81
66) n-Nitrosodiphenylamine	10.43	169	814498	31.879	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	336284	35.198	nq	97
68) Hexachlorobenzene	10.86	284	347183	35.821	nq	97
69) Atrazine	10.96	200	244705	34.423	nq	99
70) Pentachlorophenol	11.06	266	179166	32.078	nq	99
71) Phenanthrene	11.28	178	1537160	37.595	nq	99
72) Anthracene	11.33	178	1570169	37.592	nq	99
73) Carbazole	11.49	167	1508917	38.201	nq	99
74) Di-n-butylphthalate	11.82	149	1933357	37.233	nq	100
75) Fluoranthene	12.47	202	1671502	37.888	nq	99
77) Benzidine	12.59	184	737566	36.989	nq	98
78) Pyrene	12.70	202	1714103	34.469	nq	100
80) Butylbenzylphthalate	13.32	149	822564	34.088	nq	96
81) Benzo(a)anthracene	13.89	228	1415372	36.472	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	540549	37.331	nq	96
83) Chrysene	13.93	228	1461404	37.062	nq	100
84) Bis(2-ethylhexyl)phthalate	13.88	149	1113177	34.066	nq	# 99
85) Di-n-octyl phthalate	14.49	149	1963095	35.283	nq	100
86) Indeno(1,2,3-cd)pyrene	16.72	276	1425270	41.005	nq	98
88) Benzo(b)fluoranthene	14.92	252	1434253	34.421	nq	98
89) Benzo(k)fluoranthene	14.94	252	1367033m	38.024	nq	
90) Benzo(a)pyrene	15.27	252	1315627	37.552	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	1177864	37.955	nq	97
92) Benzo(g,h,i)perylene	17.14	276	1137162	37.122	nq	98

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

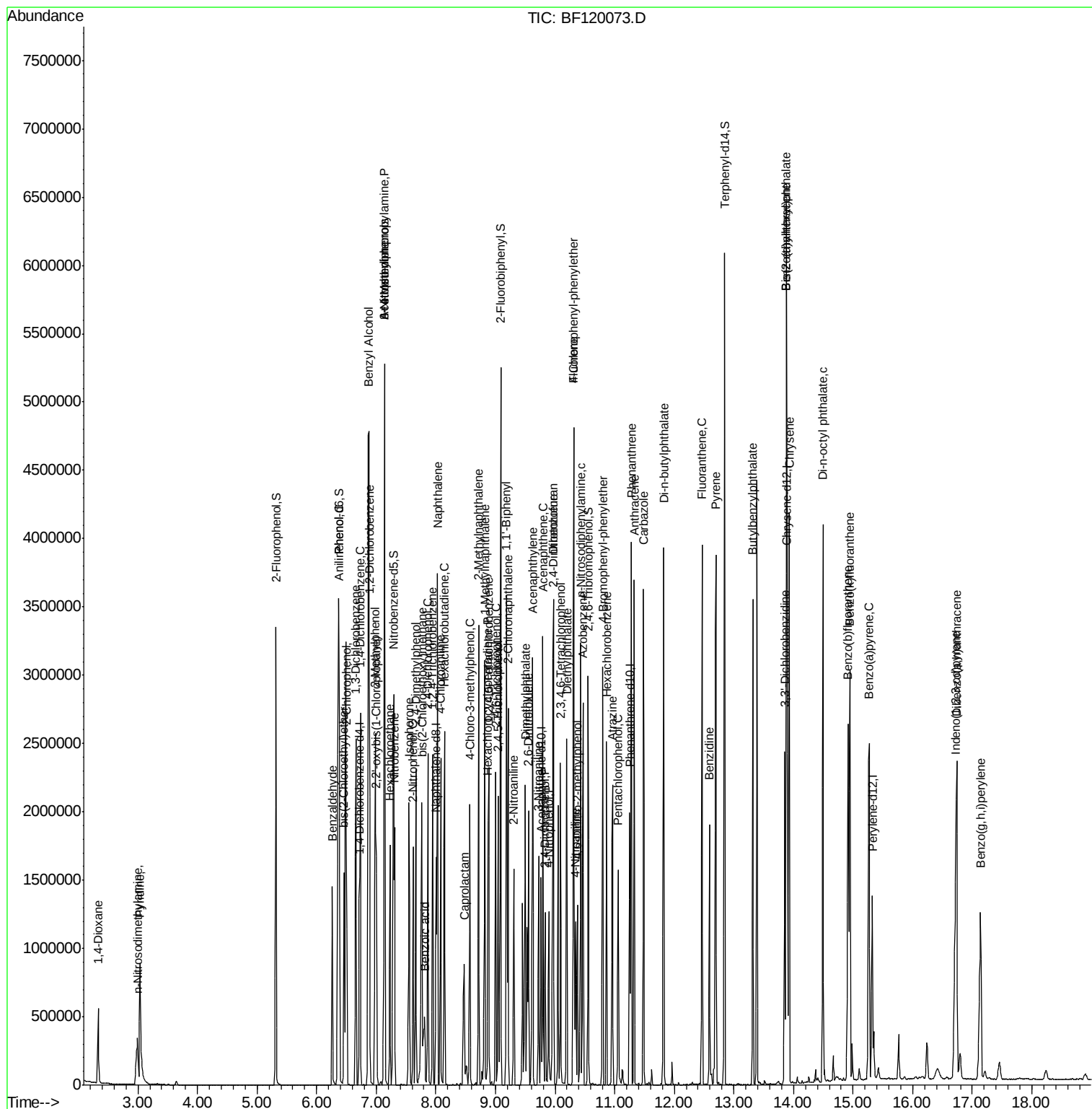
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\  
Data File : BF120073.D  
Acq On    : 20 Apr 2020   13:08  
Operator  : MA/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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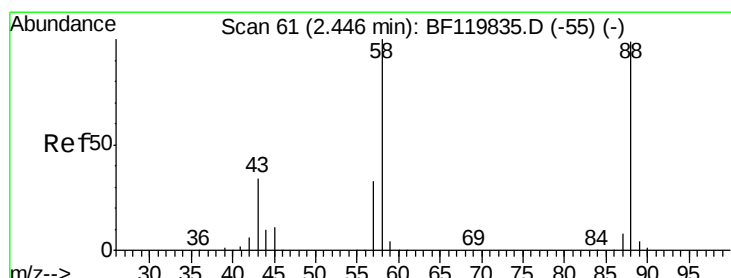
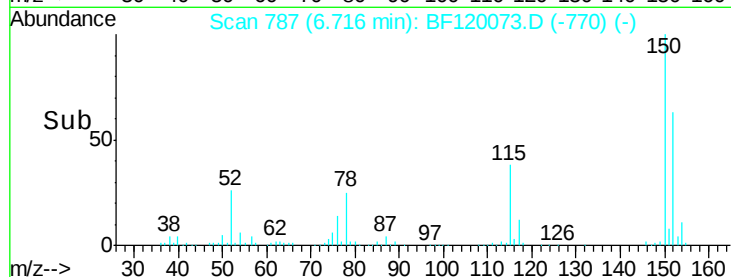
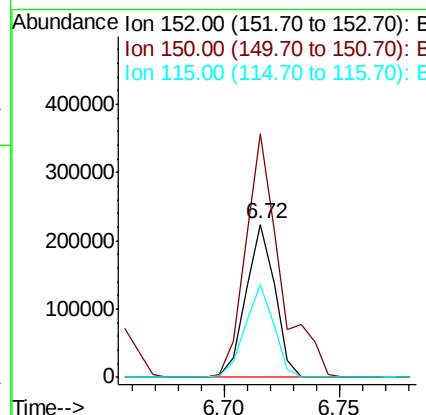
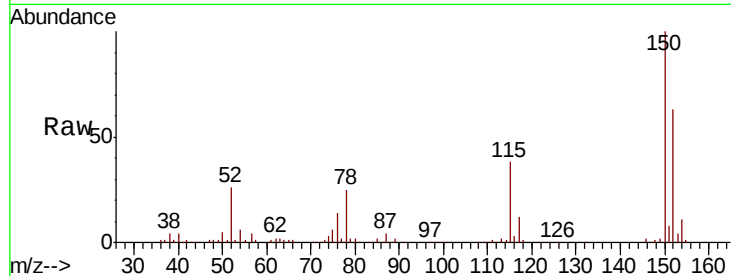
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.8	187.2
115	60.3	46.5	69.7

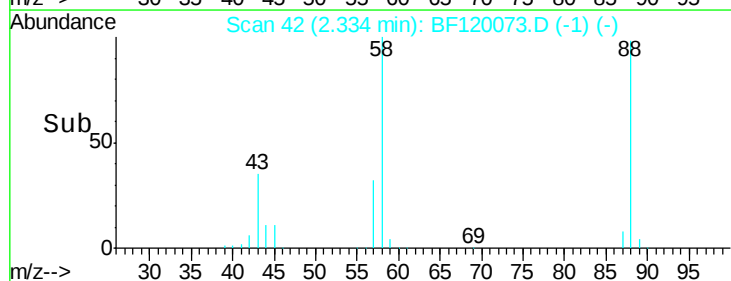
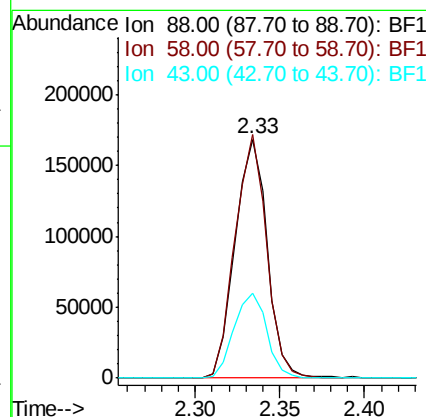
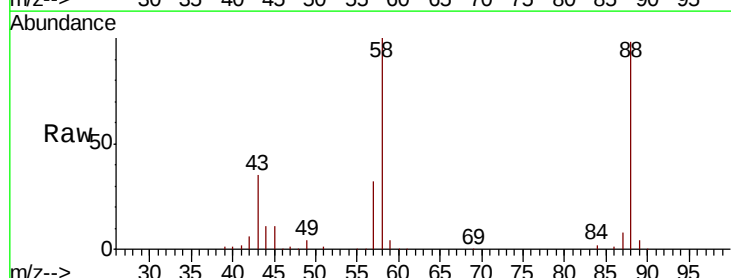
Manual Integrations
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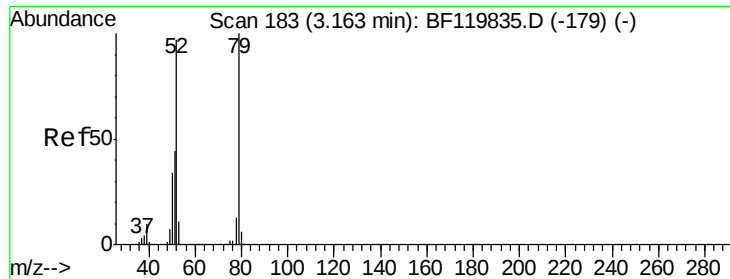
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#2
 1,4-Dioxane
 Concen: 43.962 ng
 RT: 2.33 min Scan# 42
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	82.6	123.8
43	36.5	28.6	42.8





#3

Pvridine

Concen: 36.929 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

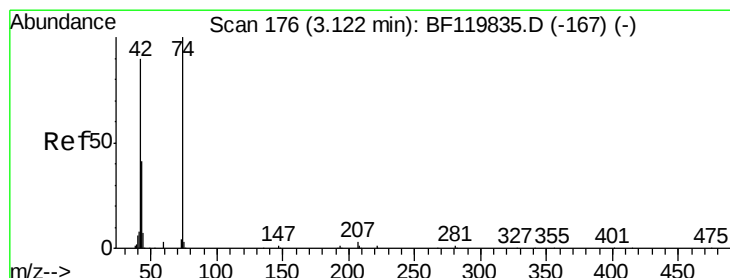
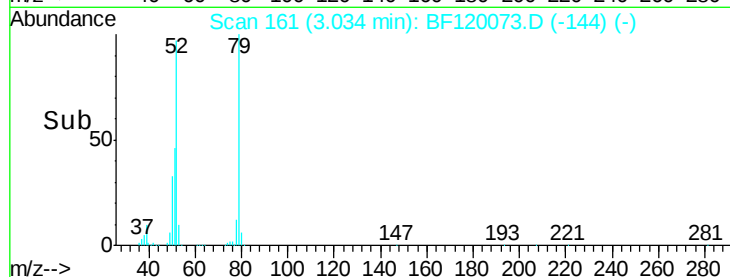
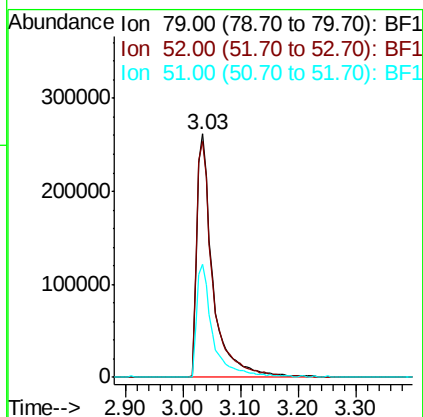
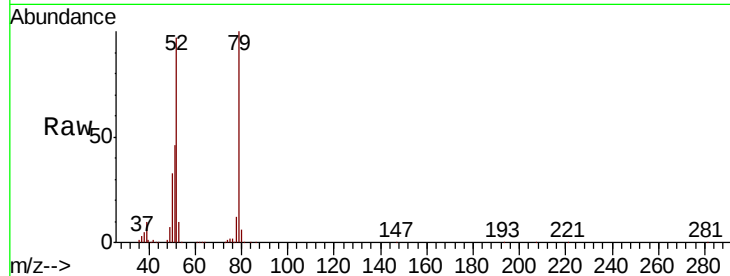
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	511435
Ion Ratio	Lower	Upper	
79	100		
52	96.7	77.4	116.0
51	46.3	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 38.570 ng

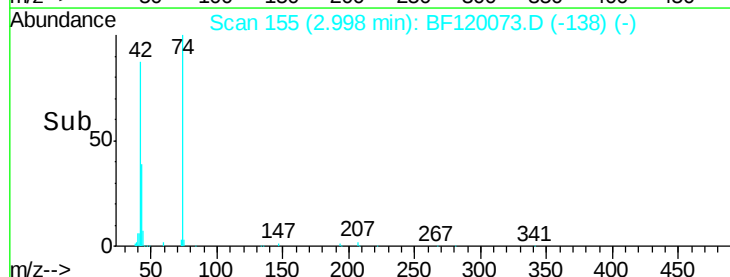
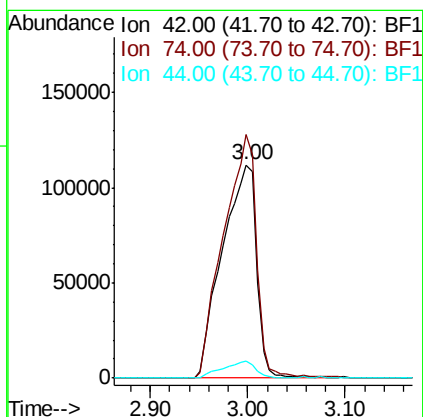
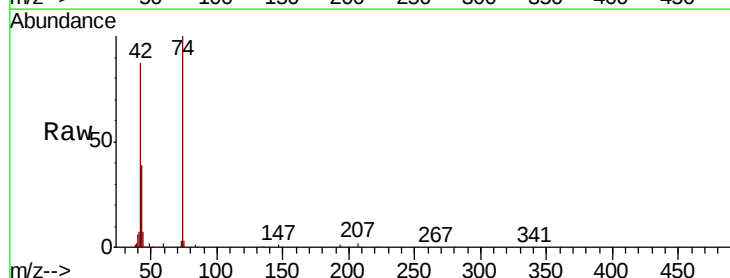
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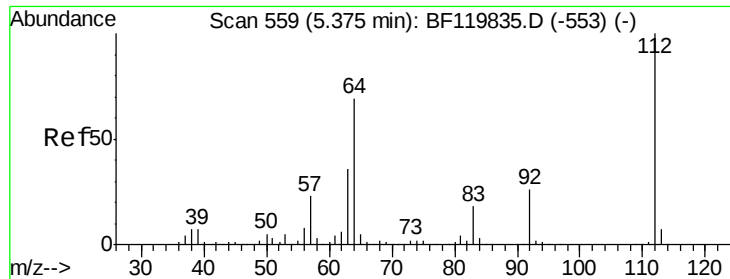
Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion:	42	Resp:	272920
Ion Ratio	Lower	Upper	
42	100		
74	114.4	89.0	133.4
44	8.0	6.2	9.4





#5

2-Fluorophenol

Concen: 82.370 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

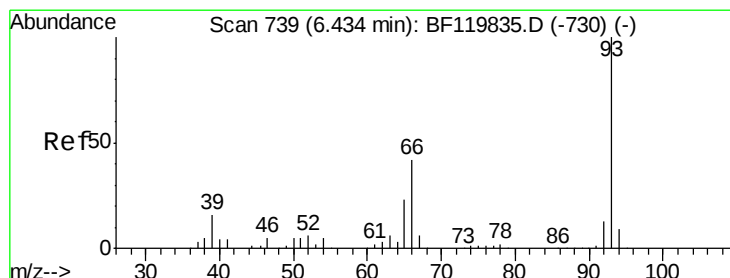
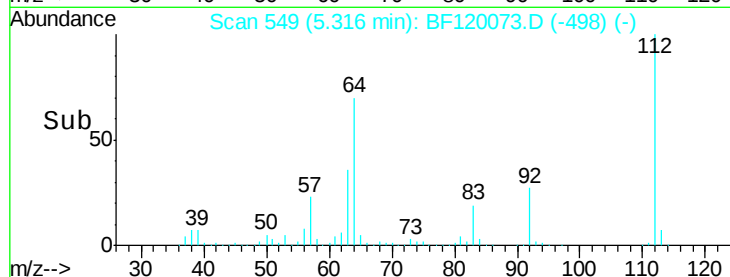
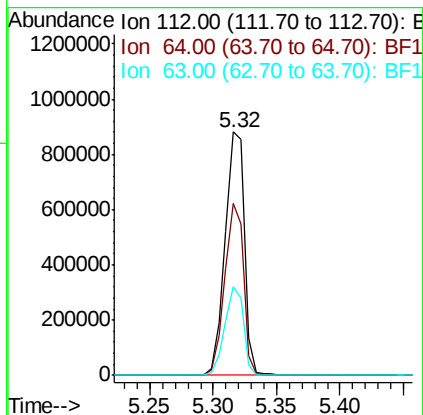
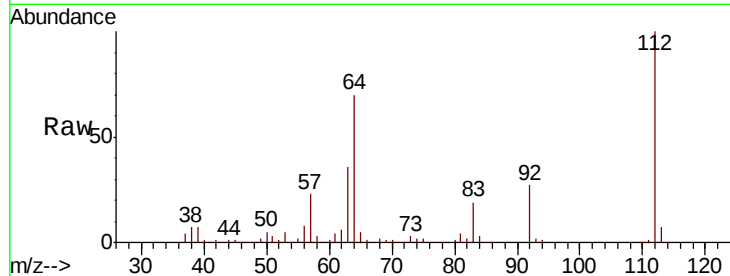
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	933504
Ion Ratio	Lower	Upper	
112	100		
64	70.4	55.5	83.3
63	36.4	29.1	43.7

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#6

Aniline

Concen: 40.240 ng

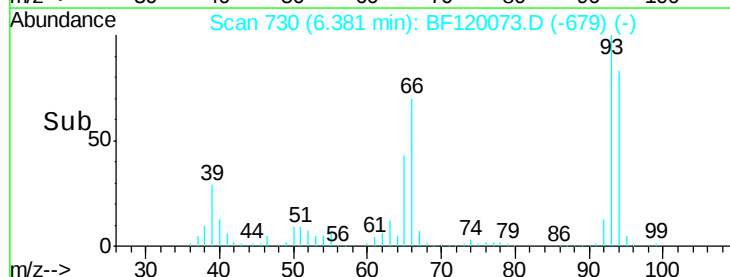
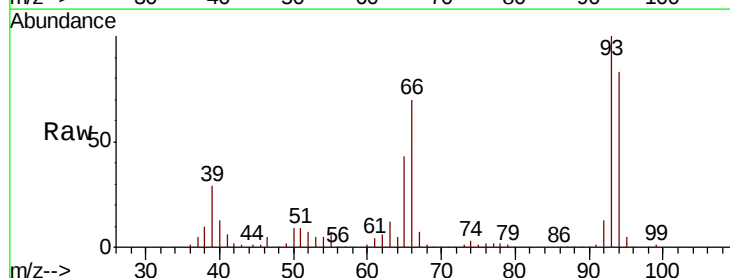
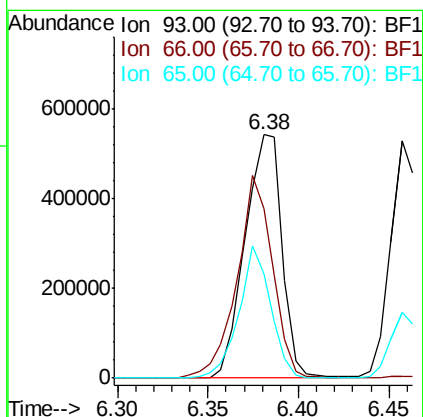
RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion:	93	Resp:	771268
Ion Ratio	Lower	Upper	
93	100		
66	69.8	34.2	51.2#
65	42.7	18.3	27.5#





#7

Phenol-d6

Concen: 82.260 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1201260

Ion Ratio Lower Upper

99 100

42 20.6 16.9 25.3

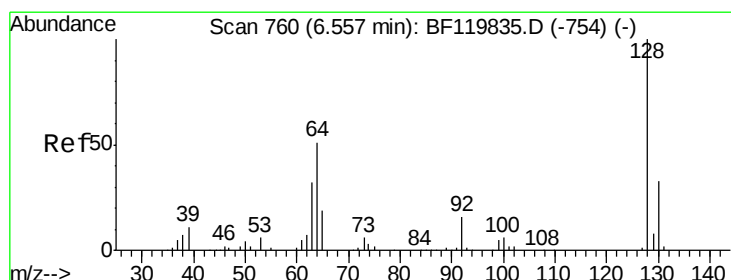
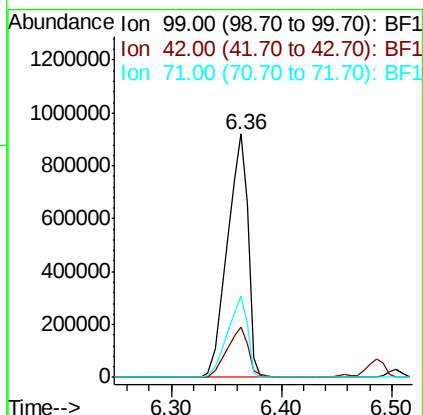
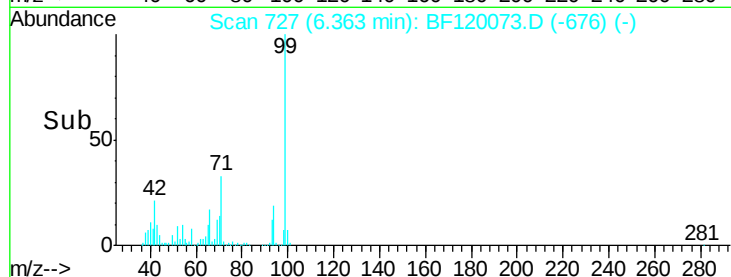
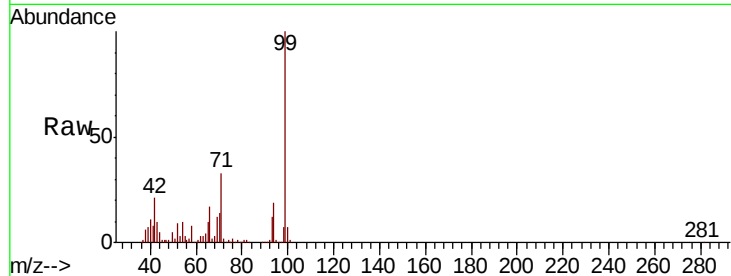
71 33.1 26.3 39.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.870 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

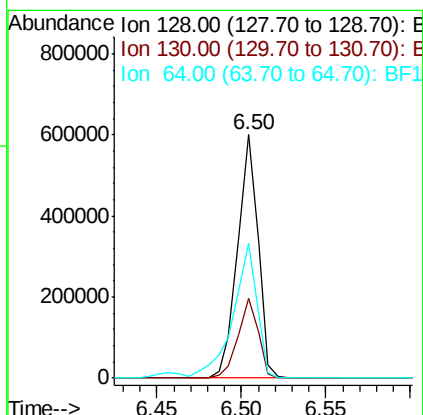
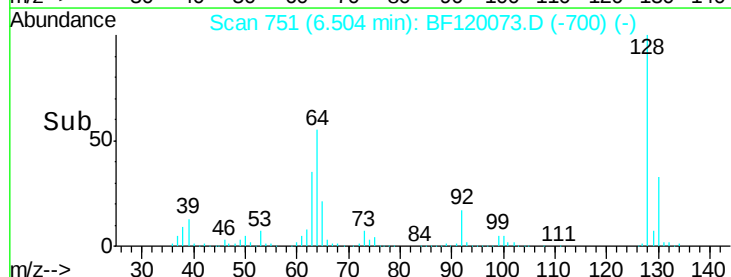
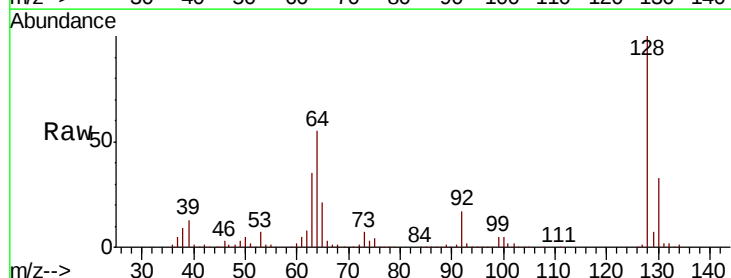
Tgt Ion: 128 Resp: 504862

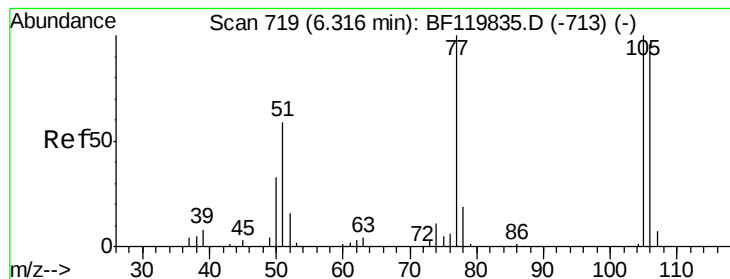
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 55.5 32.0 72.0





#9

Benzaldehyde

Concen: 41.713 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

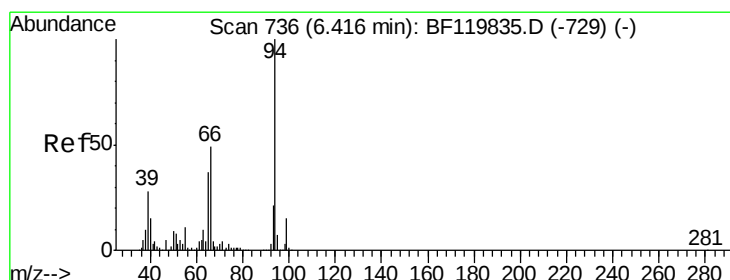
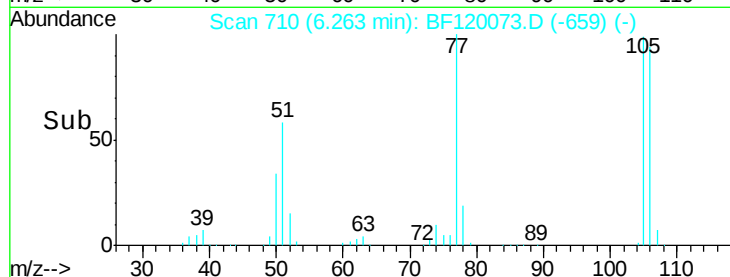
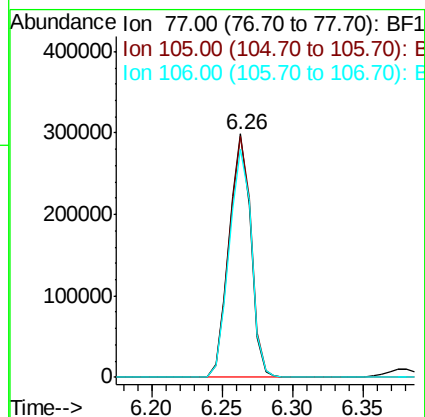
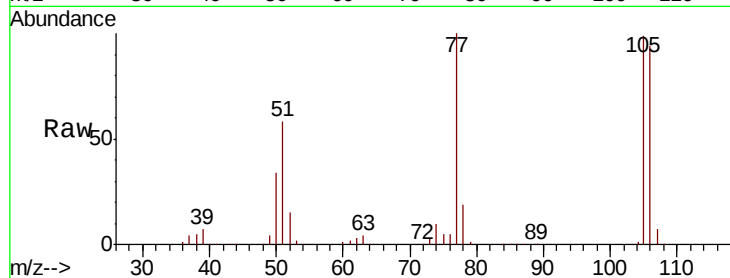
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	320849
Ion	Ratio	Lower	Upper
77	100		
105	99.1	79.9	119.9
106	93.7	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 39.458 ng

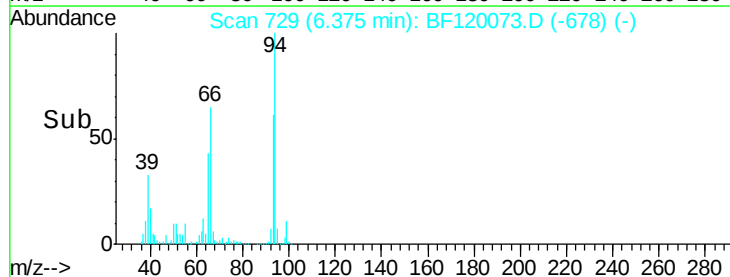
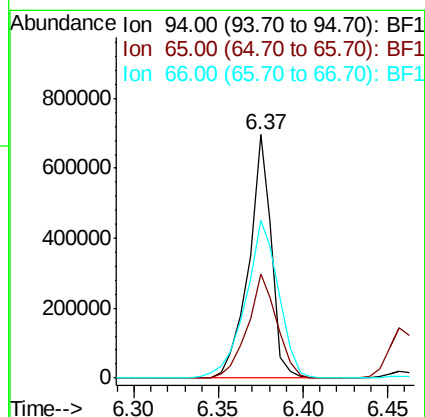
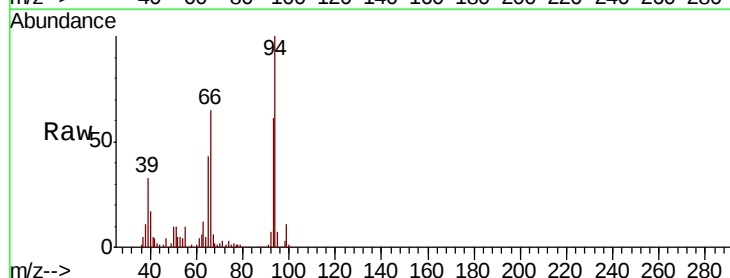
RT: 6.37 min Scan# 729

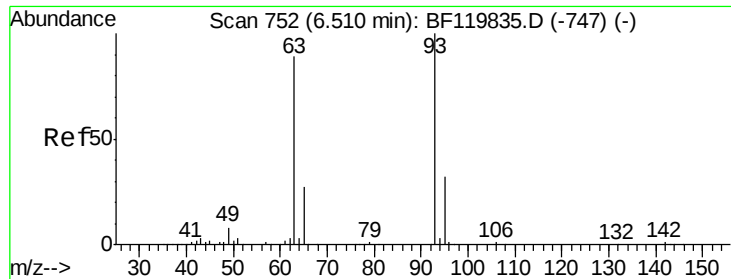
Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion:	94	Resp:	653708
Ion	Ratio	Lower	Upper
94	100		
65	42.6	16.6	56.6
66	64.9	29.3	69.3





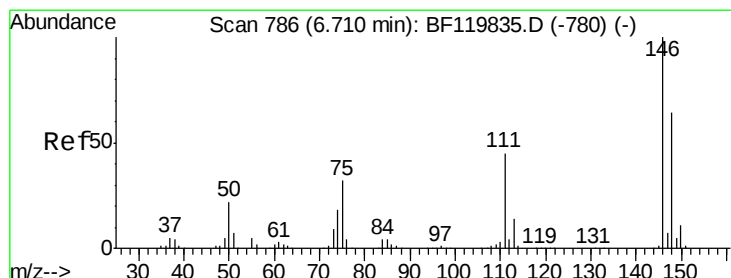
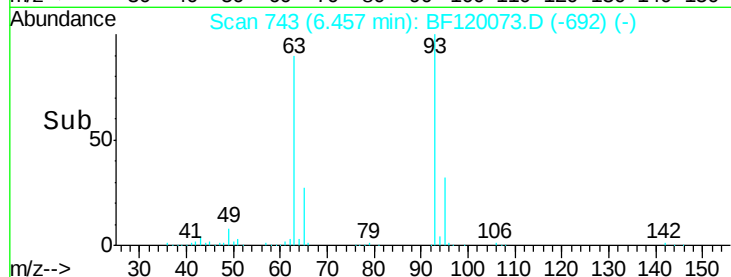
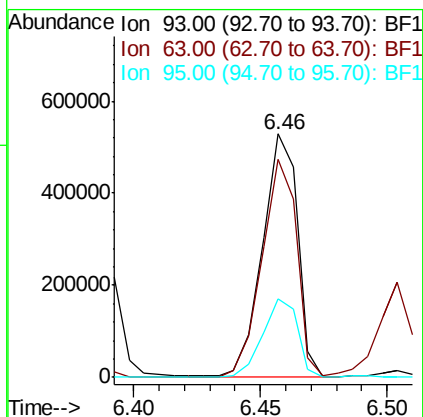
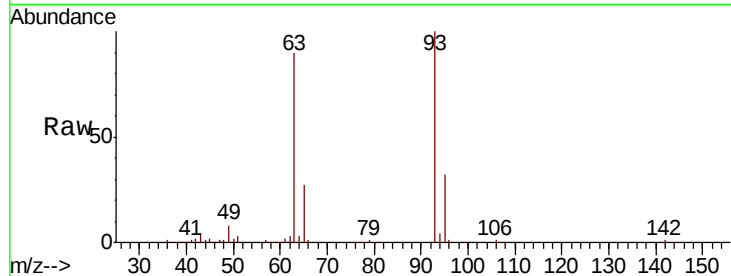
#11
bis(2-Chloroethyl)ether
Concen: 40.101 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.6	69.1	109.1
95	32.4	12.3	52.3

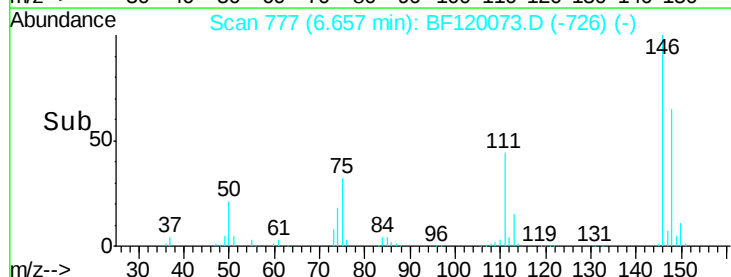
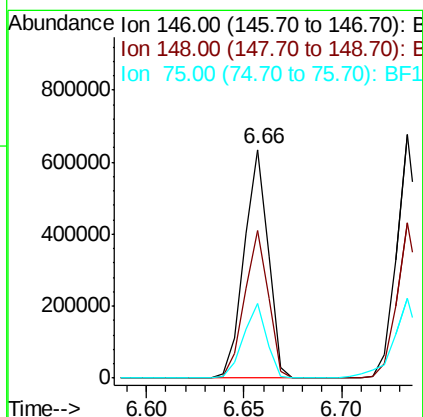
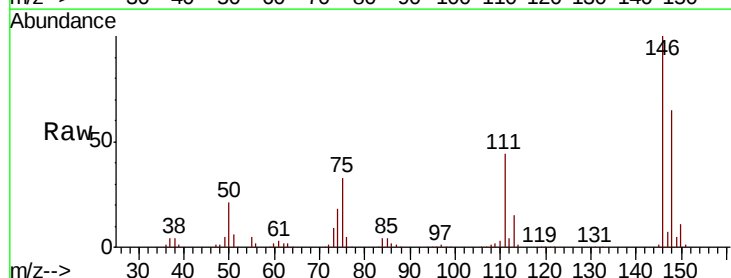
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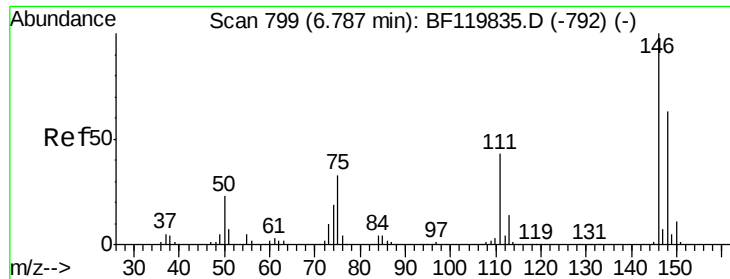
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.026 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.3	76.9
75	32.6	25.3	37.9





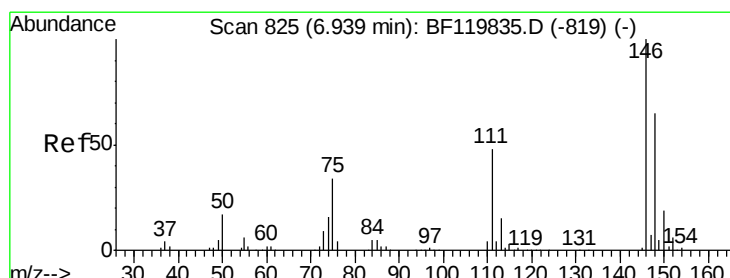
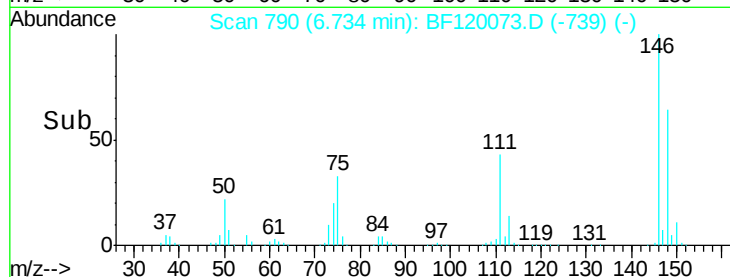
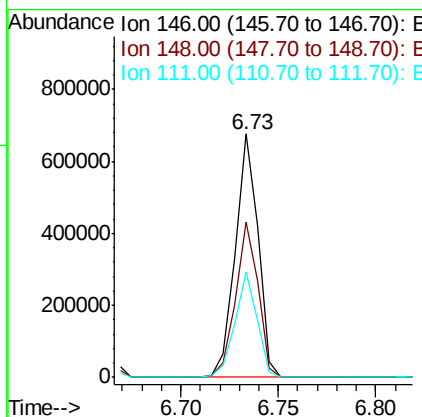
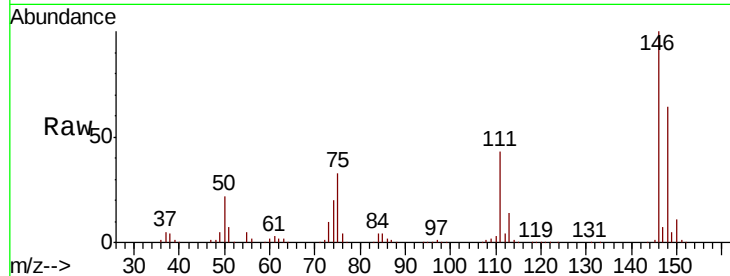
#13
 1,4-Dichlorobenzene
 Concen: 38.507 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
111	43.3	34.7	52.1

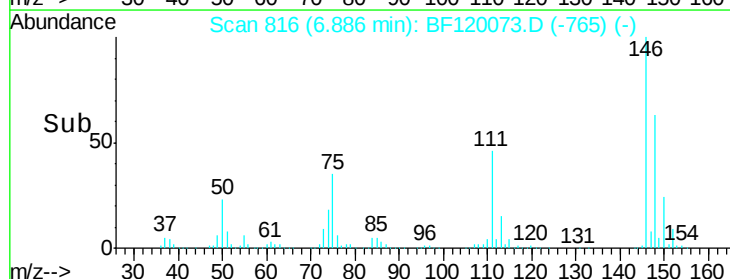
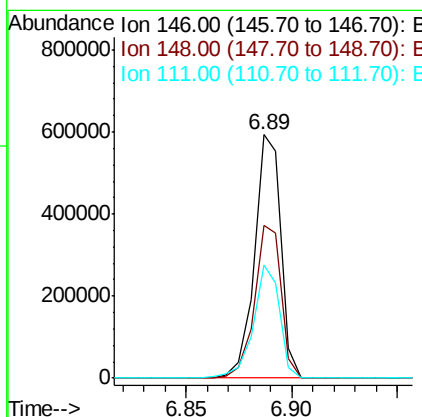
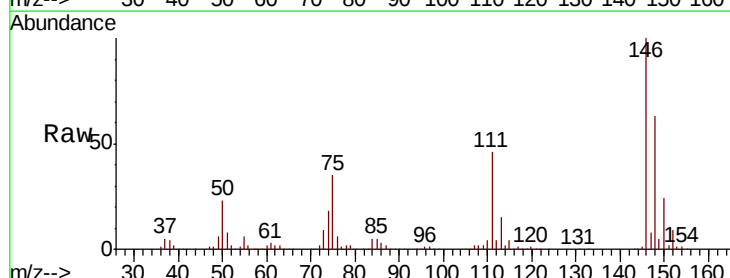
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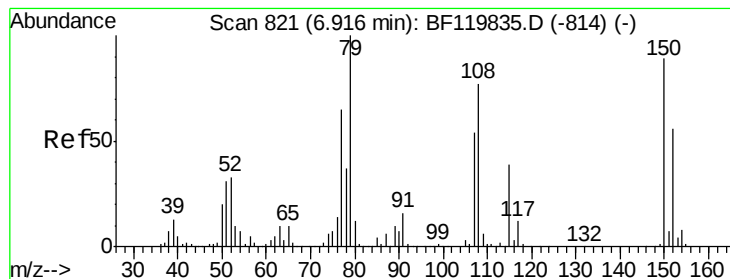
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.685 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
111	46.2	38.0	57.0





#15

Benzyl Alcohol

Concen: 38.975 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

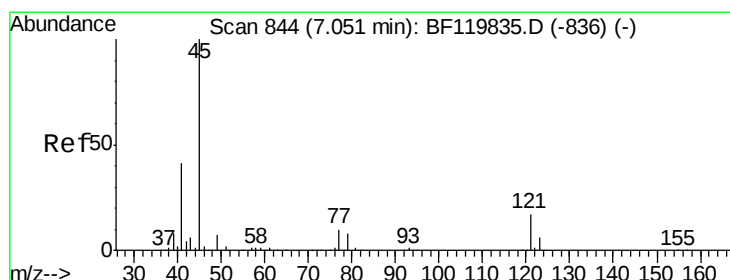
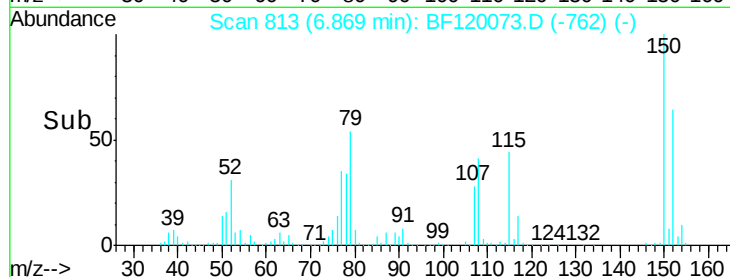
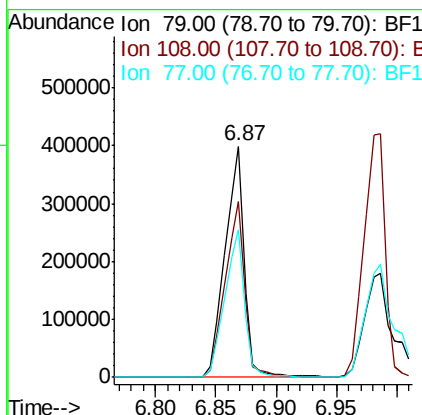
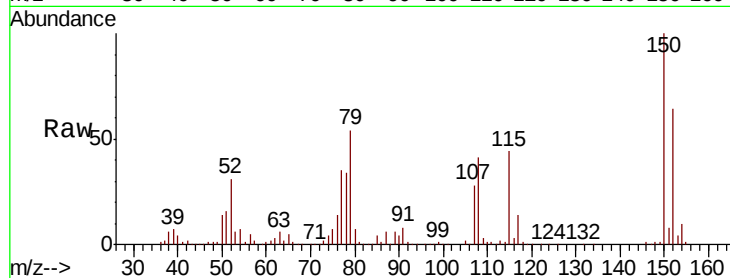
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	442064
Ion Ratio	Lower	Upper	
79	100		
108	75.9	62.0	93.0
77	63.7	51.8	77.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.530 ng

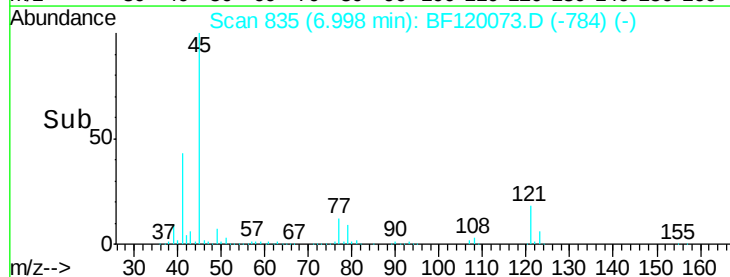
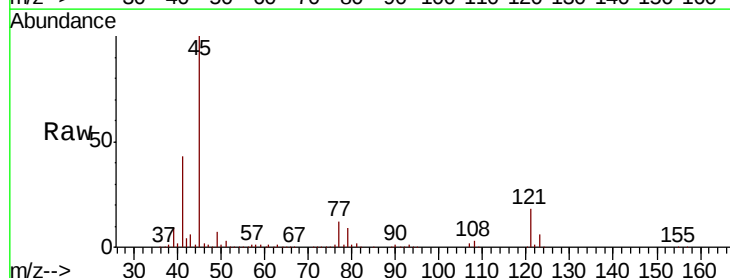
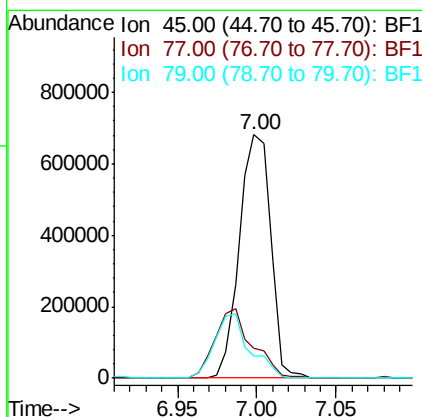
RT: 7.00 min Scan# 835

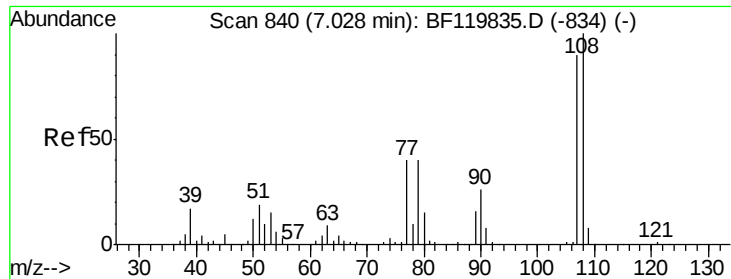
Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion:	45	Resp:	934205
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	30.7
79	9.2	0.0	28.6





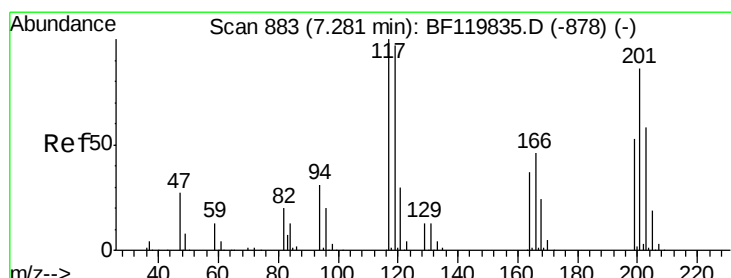
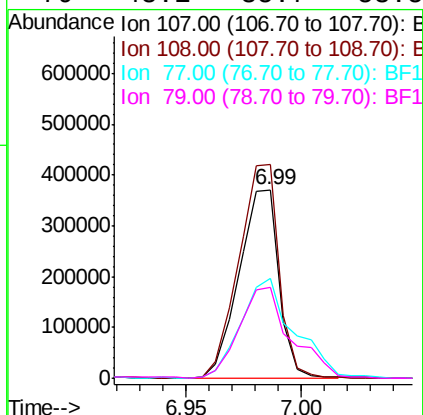
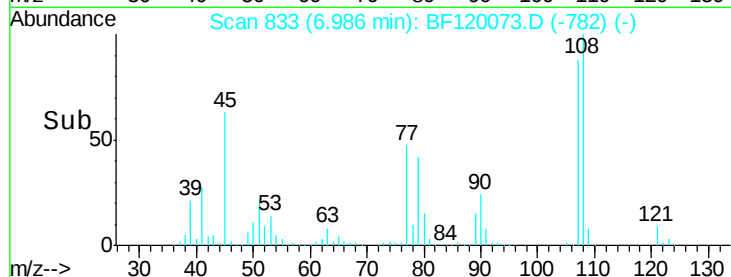
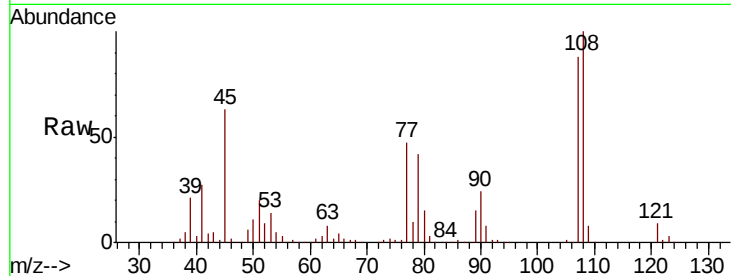
#17
2-Methylphenol
Concen: 39.596 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	447448
Ion Ratio	Lower	Upper	
107	100		
108	113.2	88.8	133.2
77	52.7	36.0	54.0
79	48.1	35.7	53.5

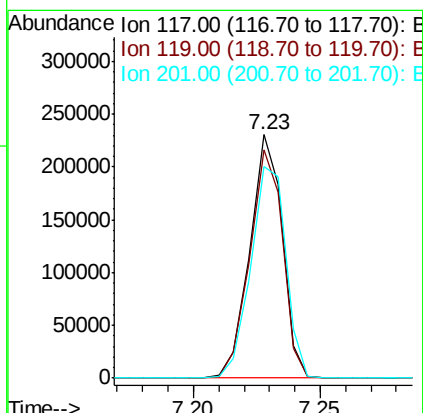
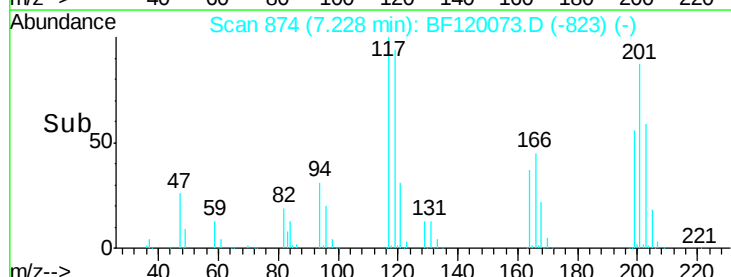
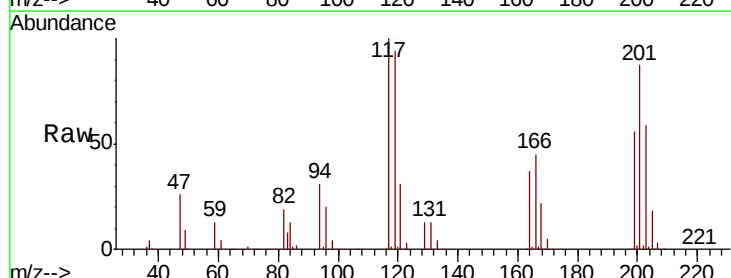
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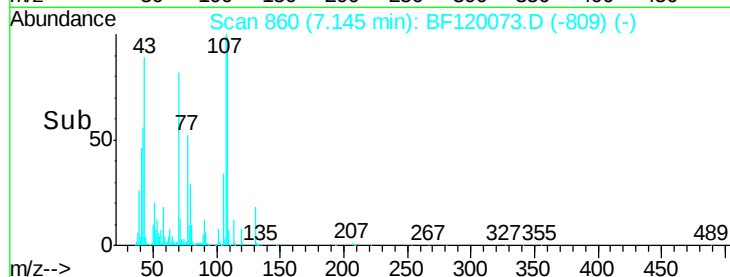
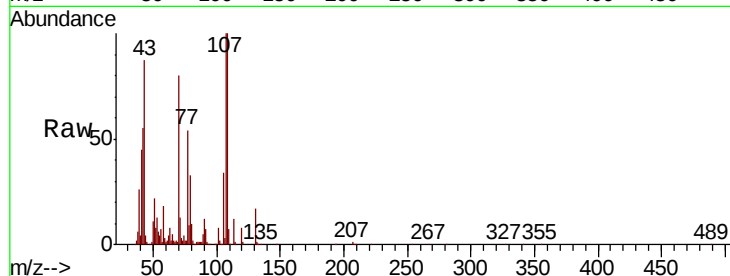
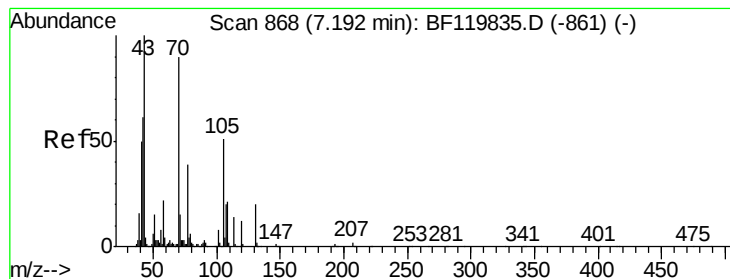
mohammad
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#18
Hexachloroethane
Concen: 39.142 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion:	117	Resp:	206576
Ion Ratio	Lower	Upper	
117	100		
119	93.7	77.4	116.0
201	87.1	68.4	102.6





#19

n-Nitroso-di-n-propylamine

Concen: 39.317 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

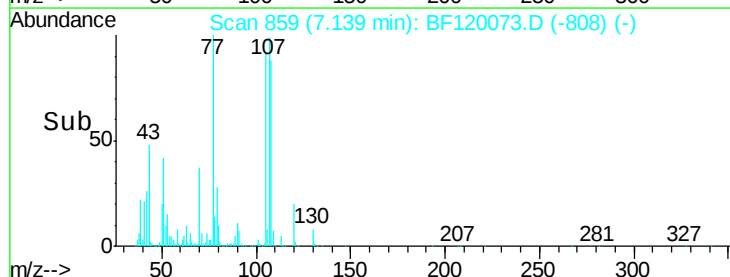
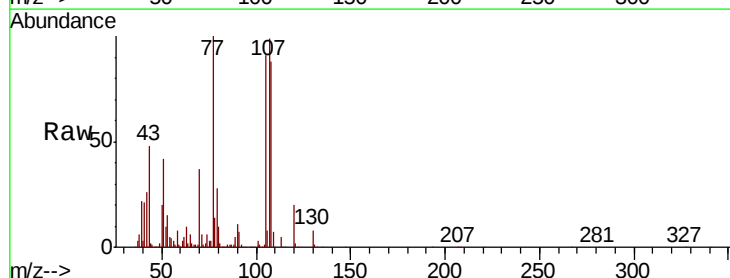
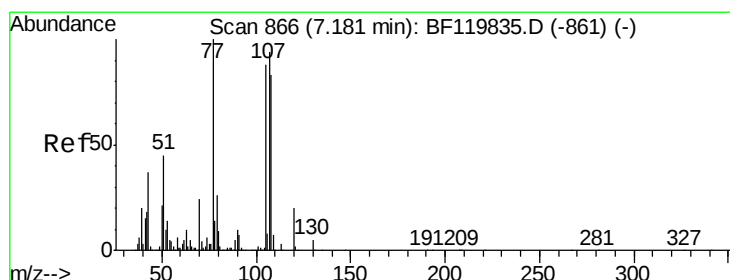
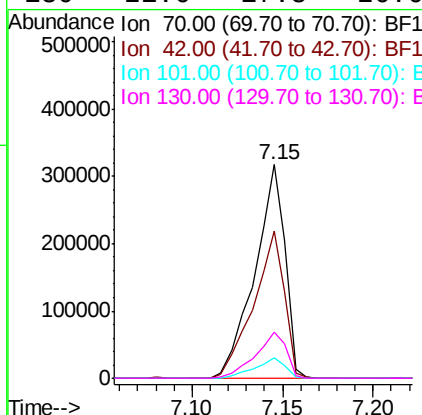
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.2	54.2	81.4	
101	9.5	7.4	11.2	
130	21.6	17.8	26.6	

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#20

3+4-Methylphenols

Concen: 40.776 ng

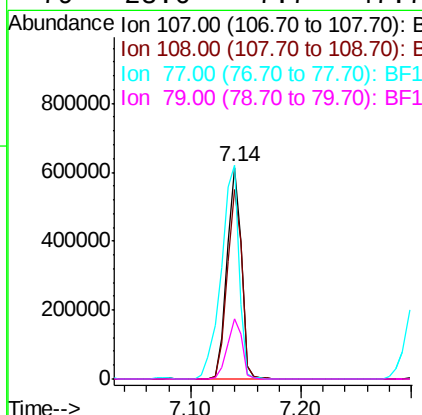
RT: 7.14 min Scan# 859

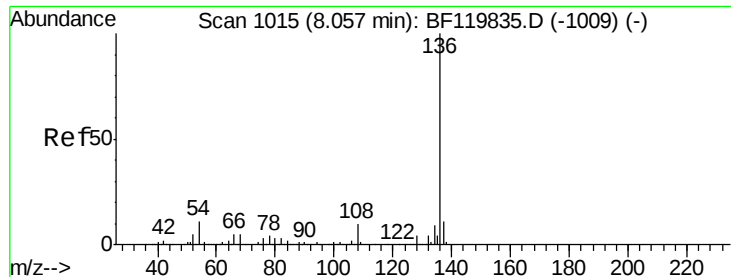
Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	68.2	108.2	
77	100.8	86.6	126.6	
79	28.6	7.7	47.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

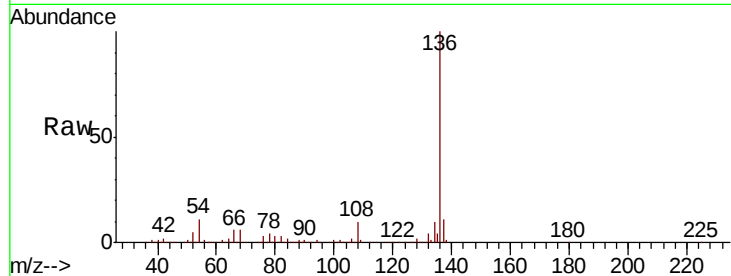
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		756430		
137	11.4	8.7	13.1		
54	10.7	8.5	12.7		
68	5.8	3.9	5.9		

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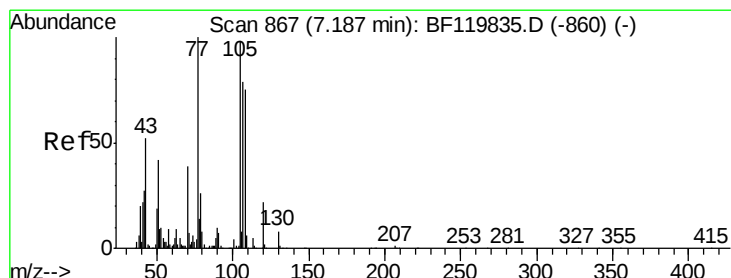
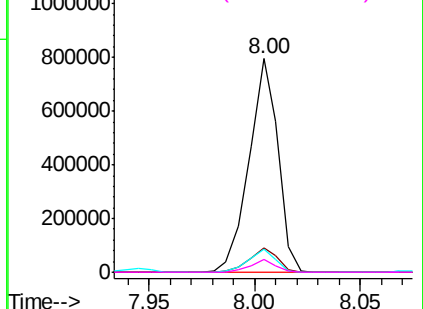
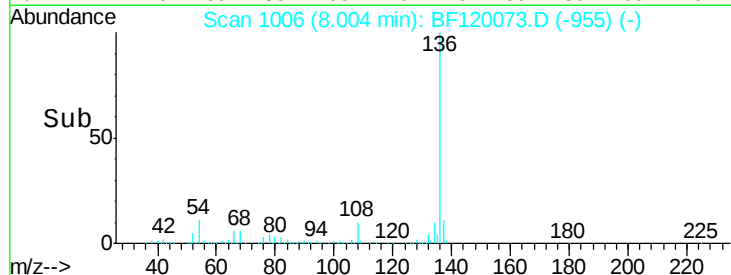
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.382 ng

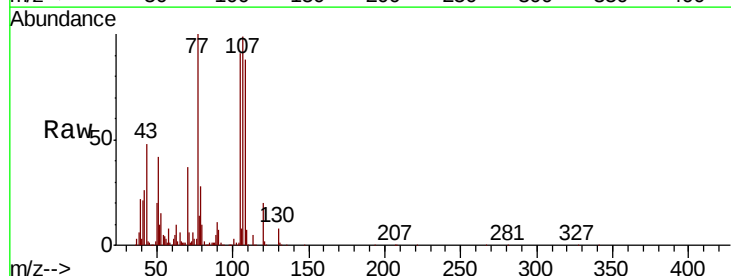
RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		679866		
71	6.6	5.6	8.4		
51	46.1	33.9	50.9		
120	22.5	17.8	26.8		



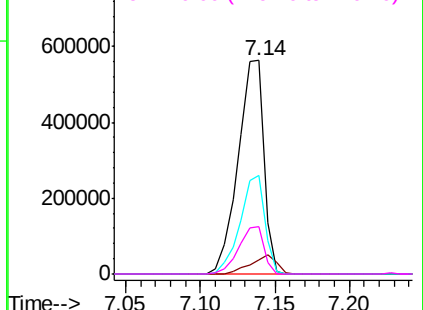
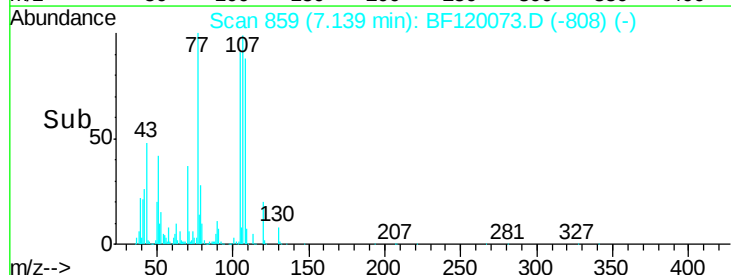
Abundance

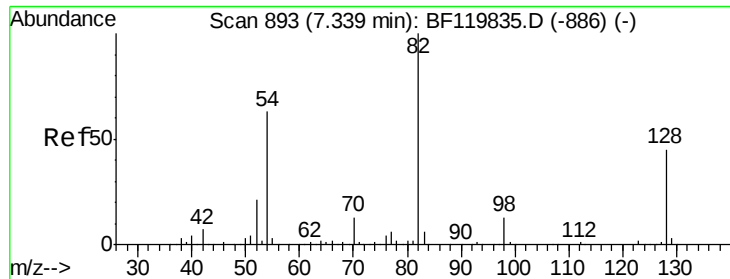
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





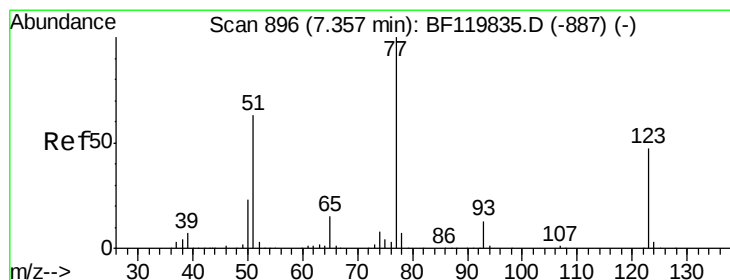
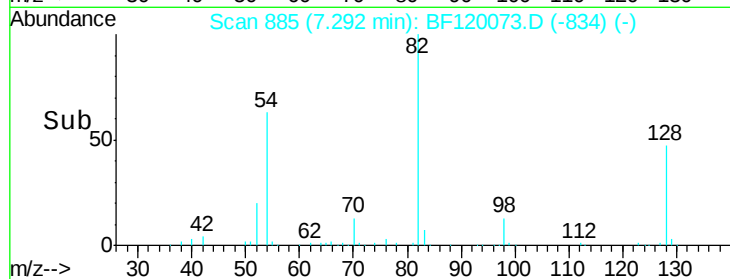
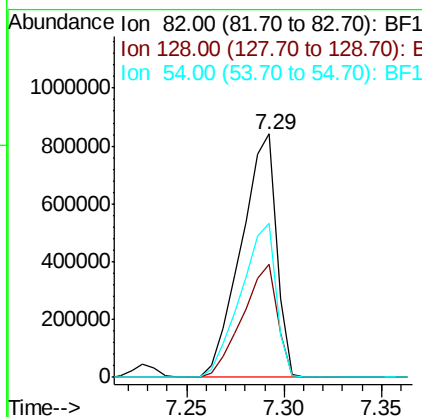
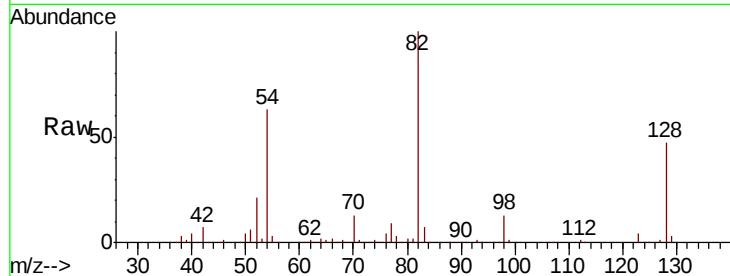
#23
 Nitrobenzene-d5
 Concen: 72.417 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.2	54.4
54	63.3	50.4	75.6

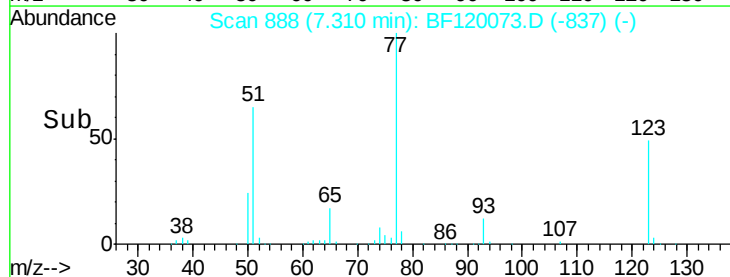
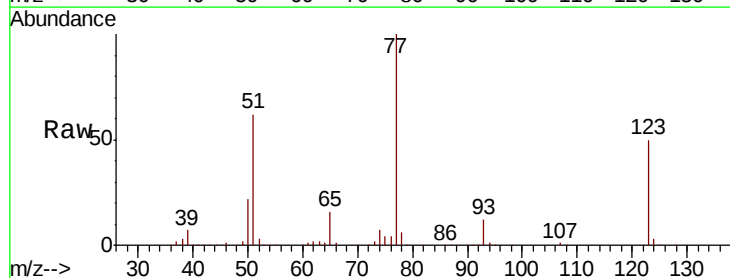
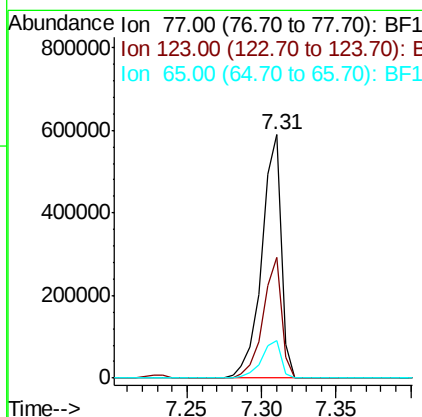
Manual Integrations
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#24
 Nitrobenzene
 Concen: 35.636 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.8	56.8
65	15.5	12.2	18.2





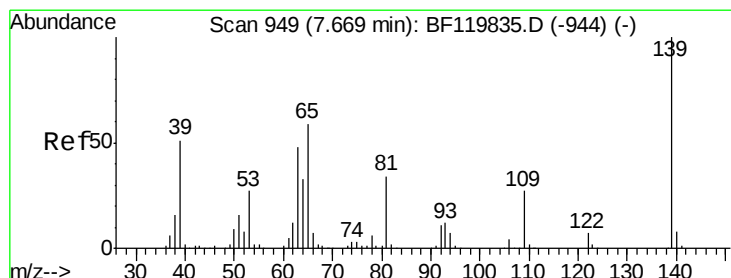
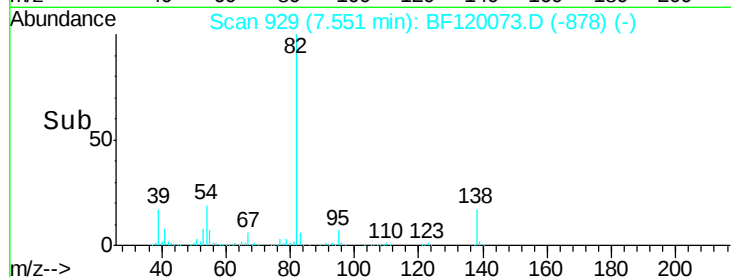
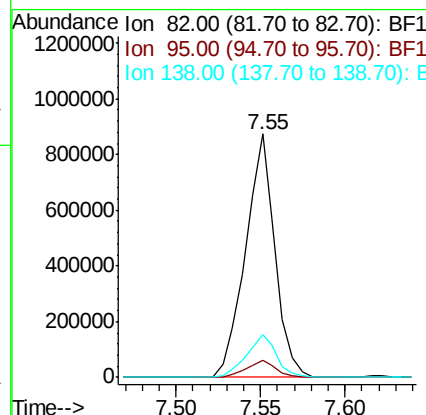
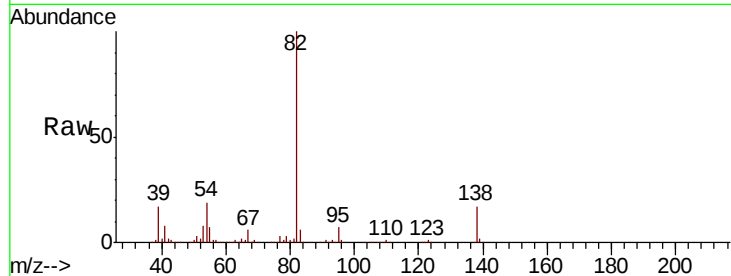
#25
Isophorone
Concen: 37.552 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	17.4	14.5	21.7

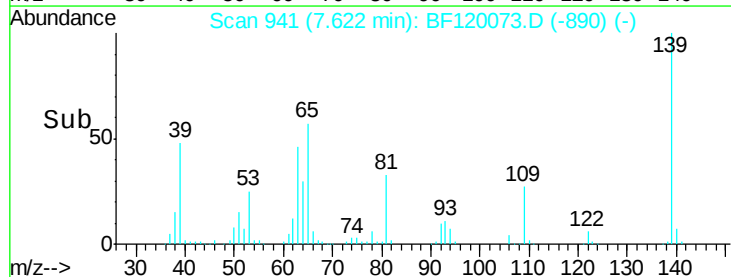
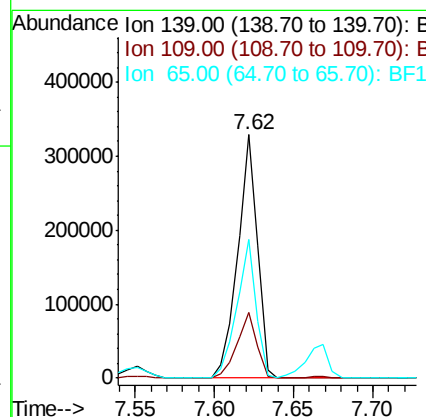
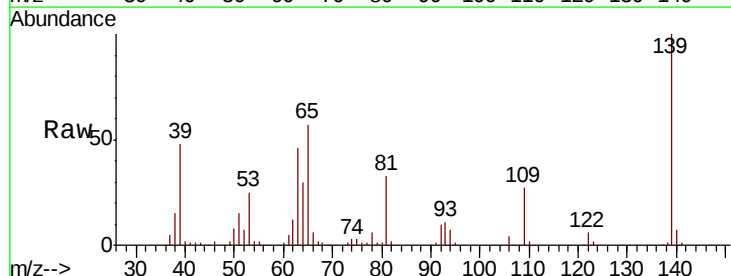
Manual Integrations
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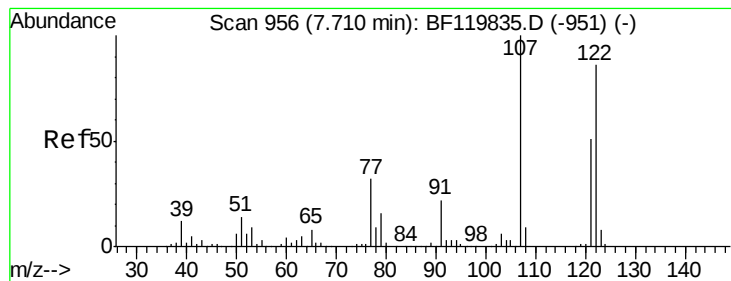
mohammad
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#26
2-Nitrophenol
Concen: 38.747 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.8	32.6
65	56.8	47.0	70.4





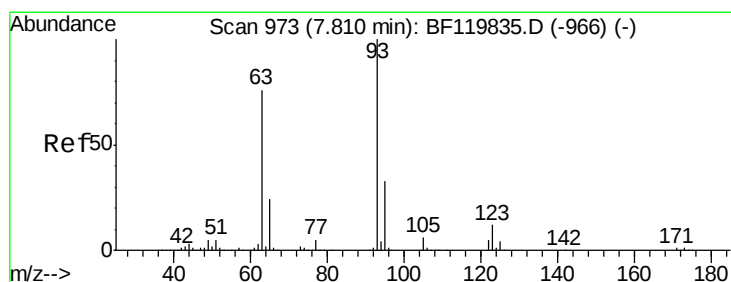
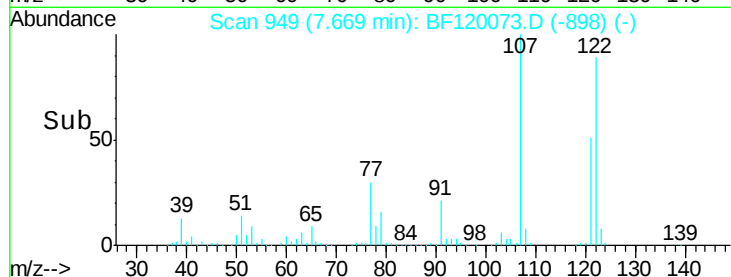
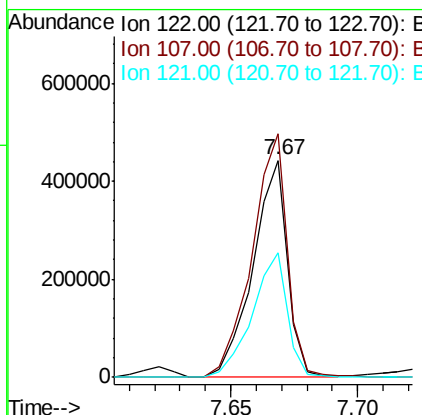
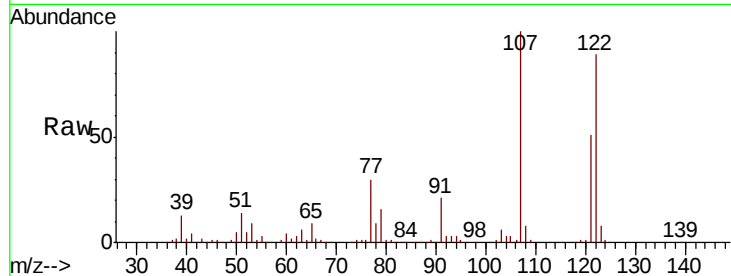
#27
2,4-Dimethylphenol
Concen: 38.033 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	92.3	138.5
121	57.2	46.6	70.0

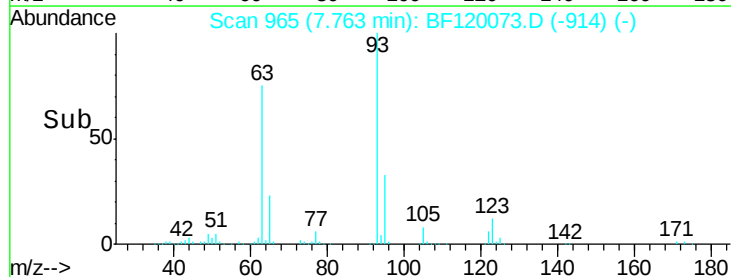
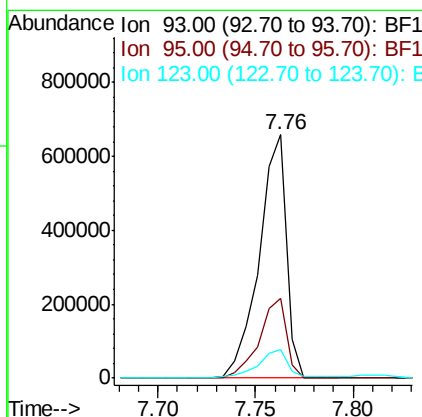
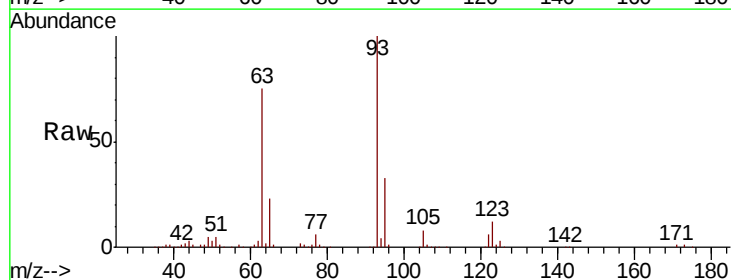
Manual Integrations
APPROVED

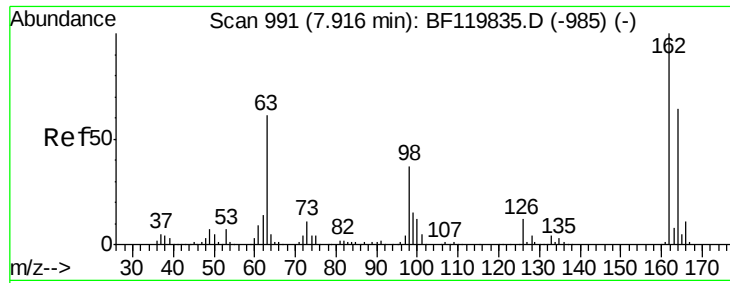
mohammad
4/21/2020 2:54:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.606 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.7	9.7	14.5





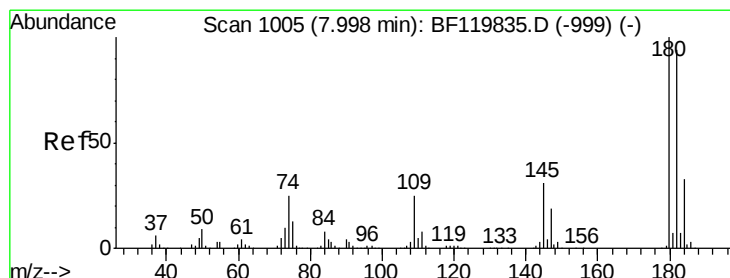
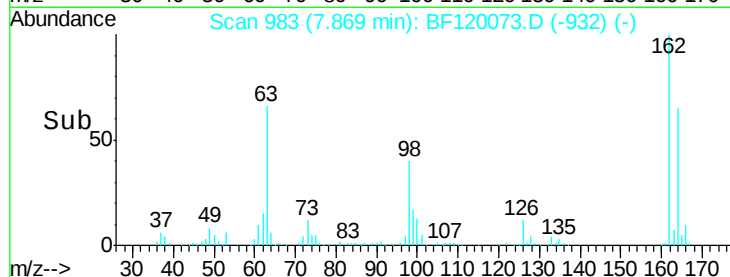
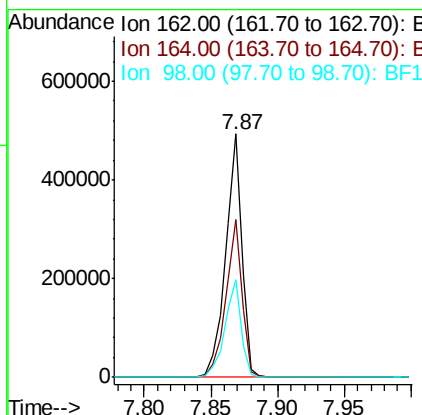
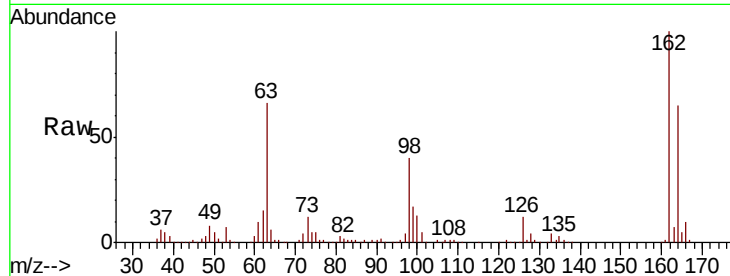
#29
2,4-Dichlorophenol
Concen: 37.759 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	428958
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.4	84.4
98	39.9	17.3	57.3

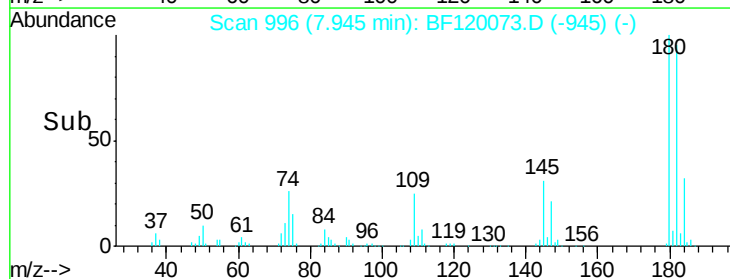
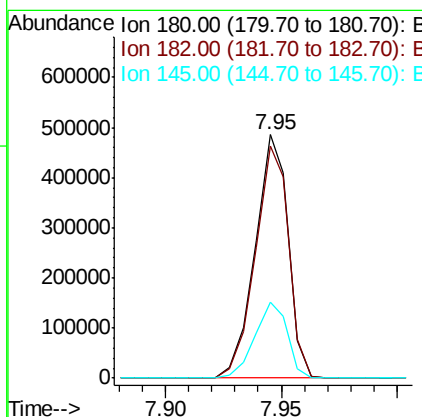
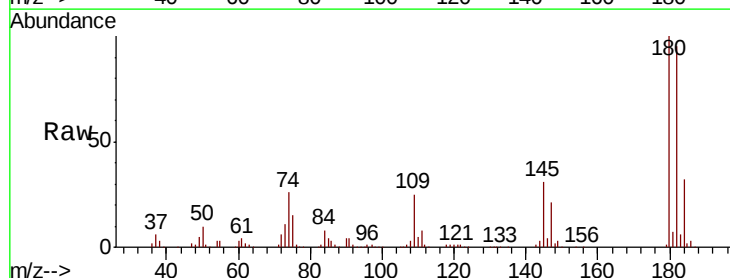
Manual Integrations
APPROVED

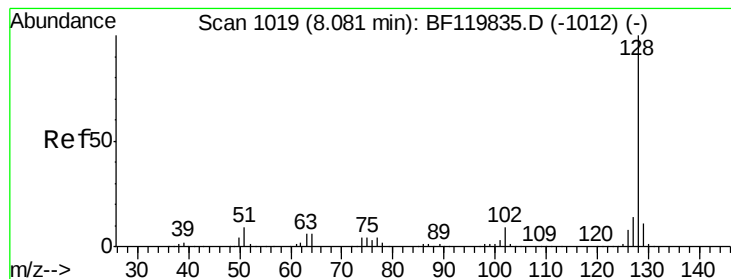
mohammad
4/21/2020 2:54:33 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.487 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion:	180	Resp:	482538
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.4	113.0
145	30.9	24.6	37.0





#31

Naphthalene

Concen: 38.193 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1520001

Ion Ratio Lower Upper

128 100

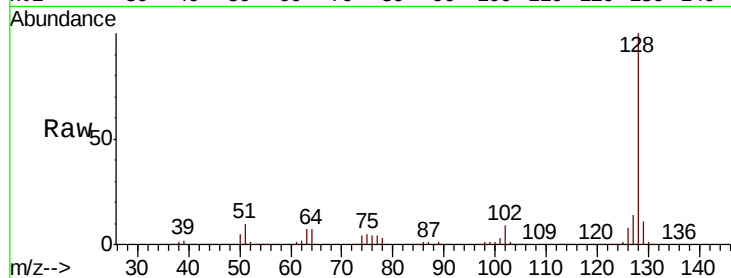
129 11.5 9.0 13.6

127 13.7 11.0 16.4

Manual Integrations
APPROVED

mohammad

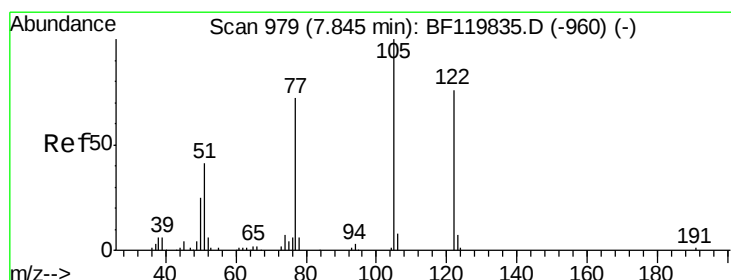
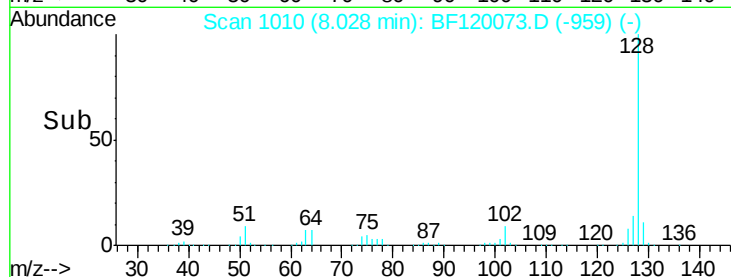
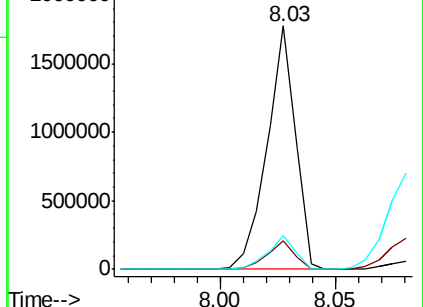
4/21/2020 2:54:33 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.441 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

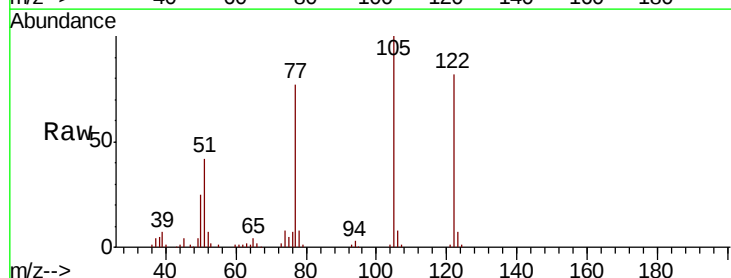
Tgt Ion:122 Resp: 335238

Ion Ratio Lower Upper

122 100

105 121.9 106.7 146.7

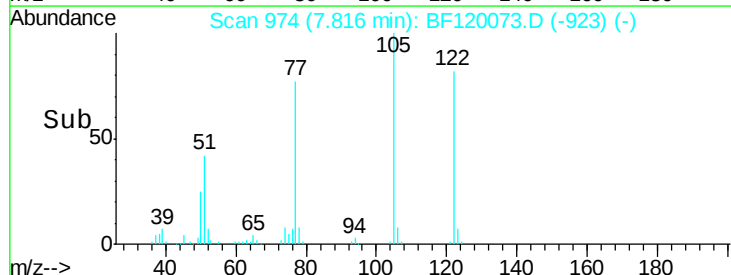
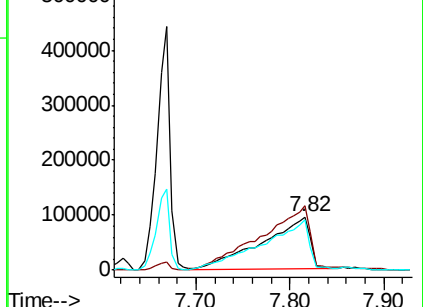
77 94.3 72.1 112.1

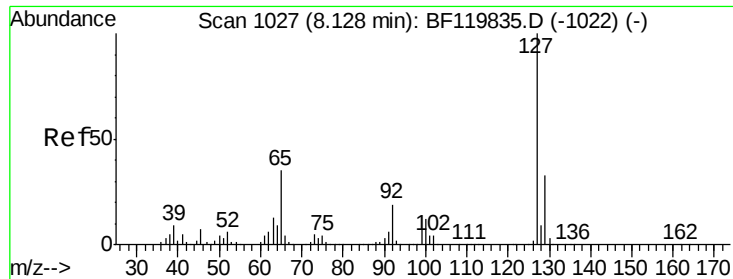


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





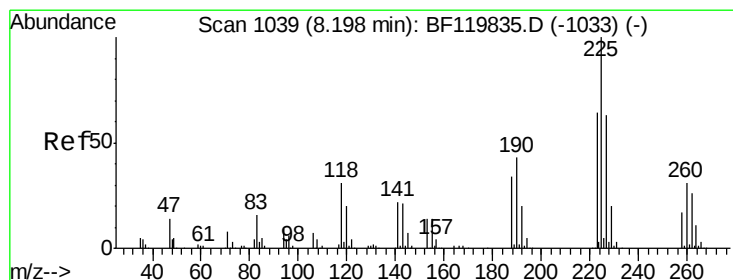
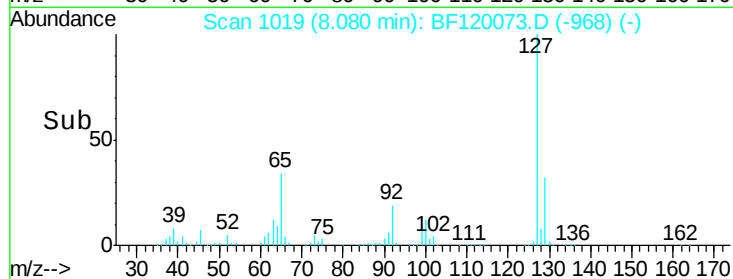
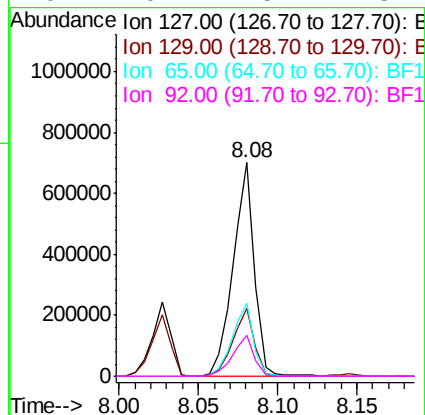
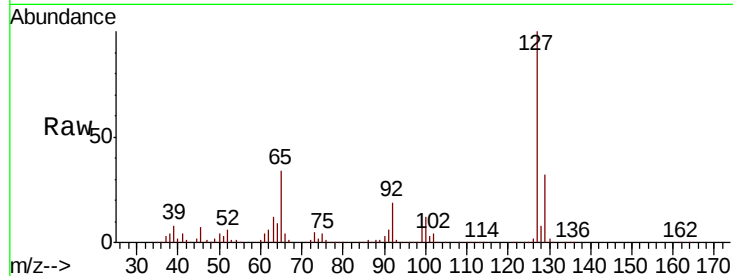
#33
4-Chloroaniline
Concen: 37.423 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		648378		
129	32.0	26.2	39.2		
65	34.0	28.3	42.5		
92	19.1	15.4	23.2		

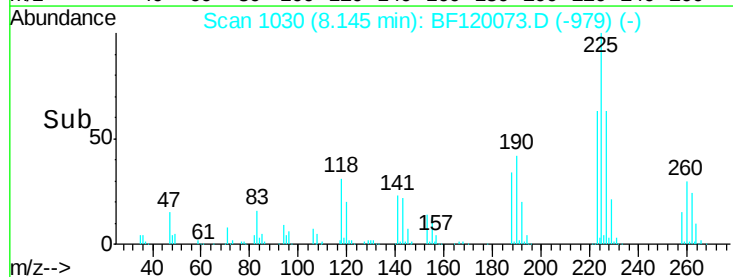
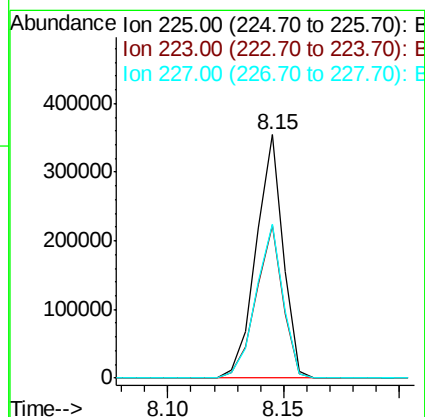
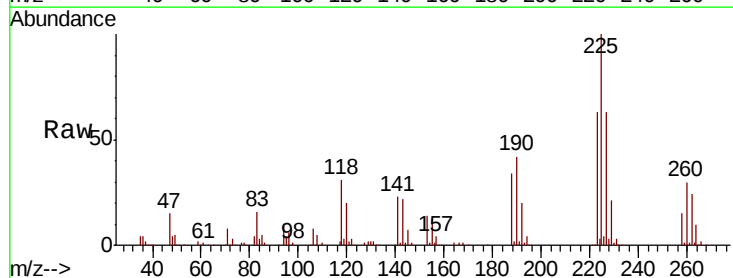
Manual Integrations
APPROVED

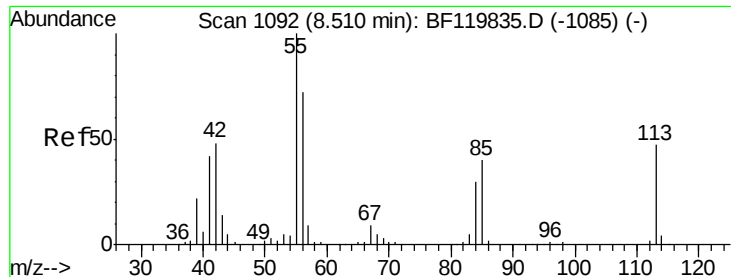
mohammad
4/21/2020 2:54:33 PM



#34
Hexachlorobutadiene
Concen: 37.496 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		288918		
223	62.9	51.0	76.6		
227	63.4	50.4	75.6		





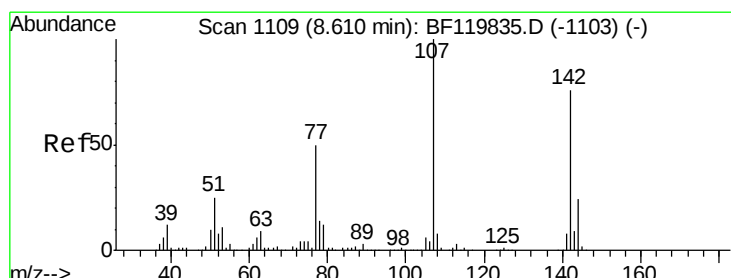
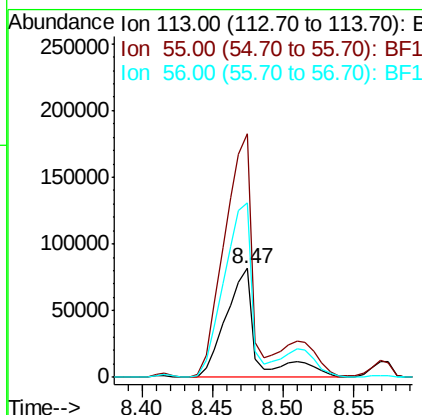
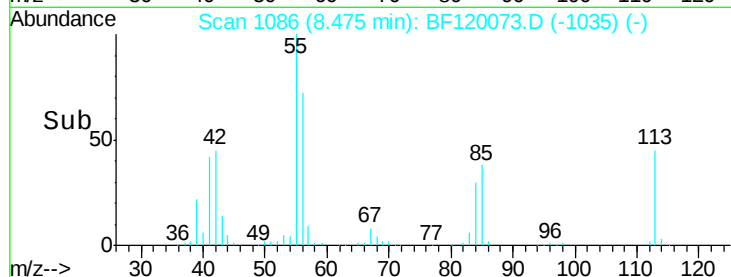
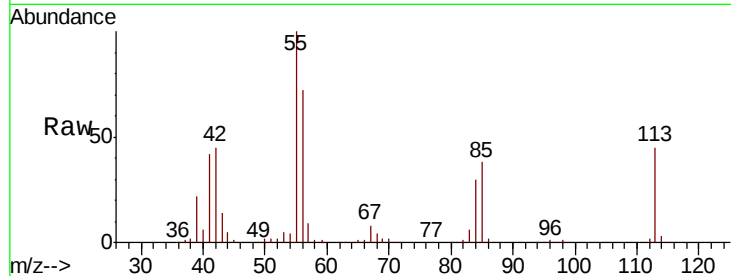
#35
 Caprolactam
 Concen: 36.323 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	224.1	192.7	232.7
56	160.5	133.3	173.3

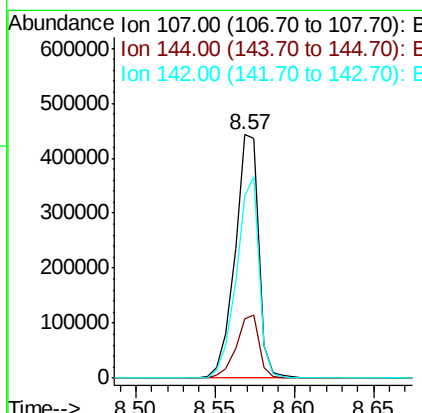
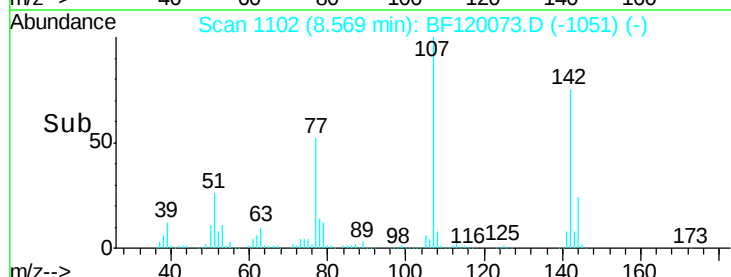
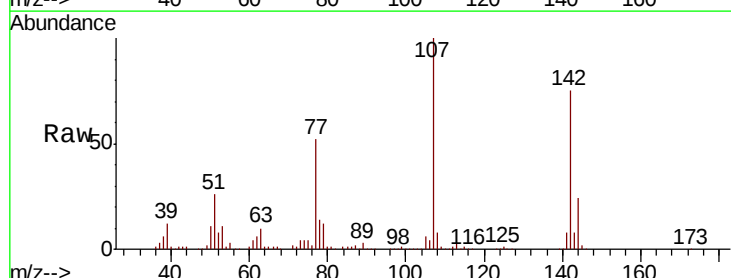
Manual Integrations
 APPROVED

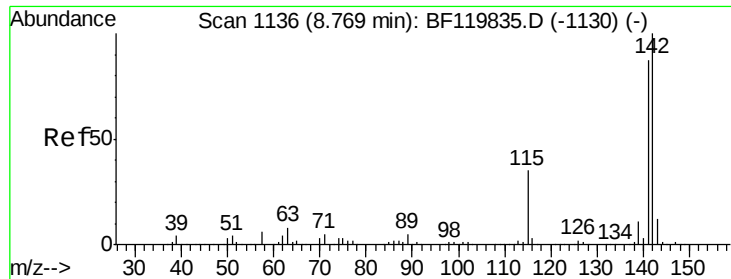
mohammad
 4/21/2020 2:54:33 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.194 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.5	29.3
142	74.8	60.5	90.7





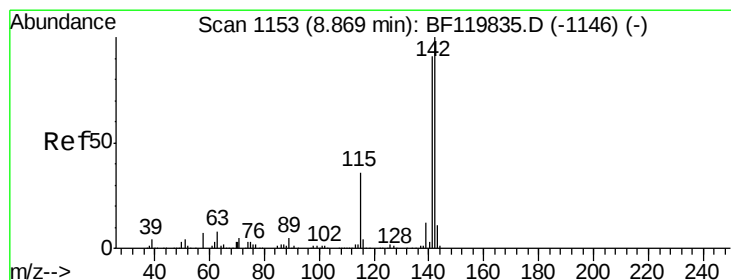
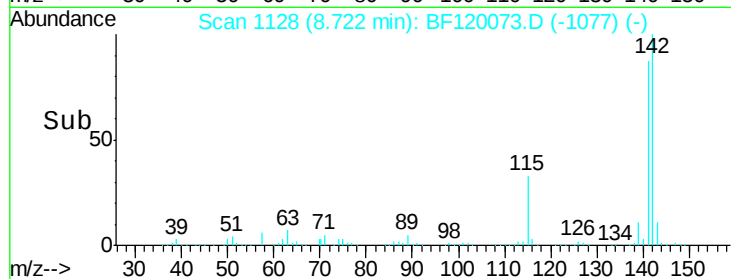
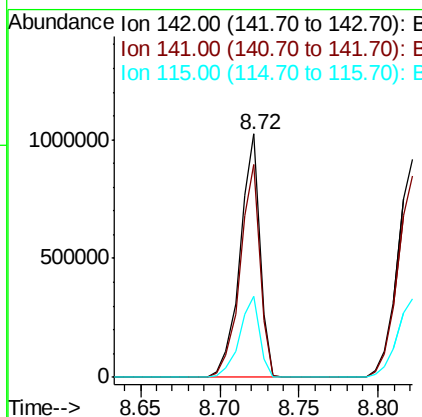
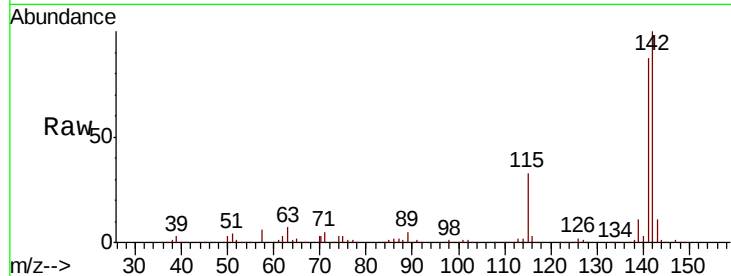
#37
2-Methylnaphthalene
Concen: 32.780 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.9	104.9
115	33.4	28.0	42.0

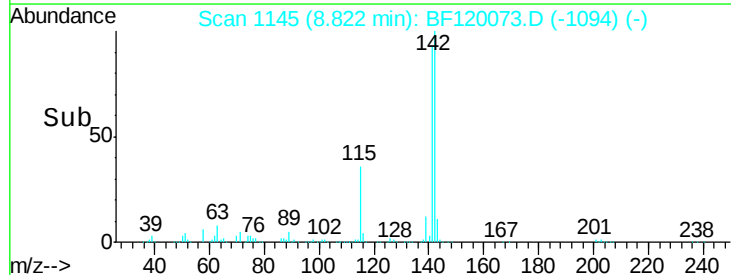
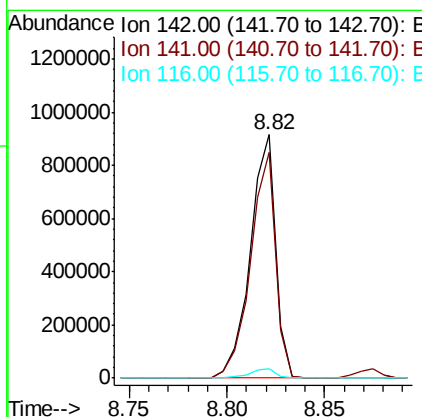
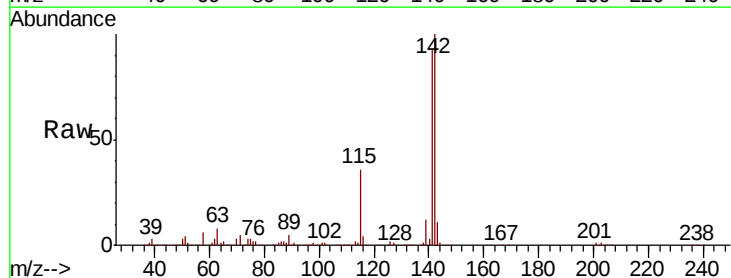
Manual Integrations
APPROVED

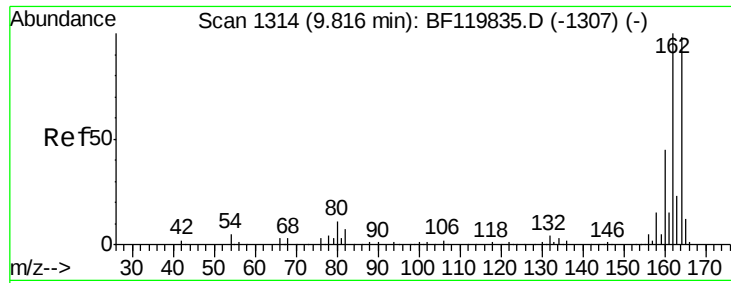
mohammad
4/21/2020 2:54:33 PM



#38
1-Methylnaphthalene
Concen: 32.294 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.9	109.3
116	3.7	3.0	4.6





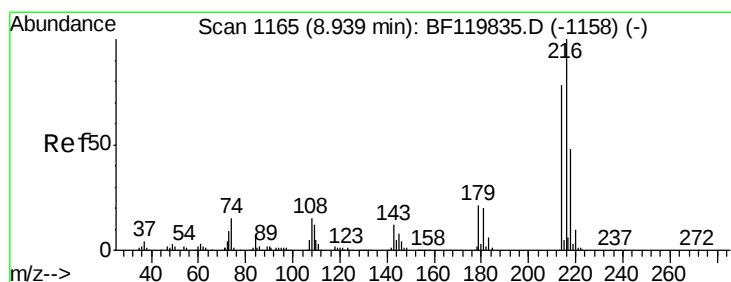
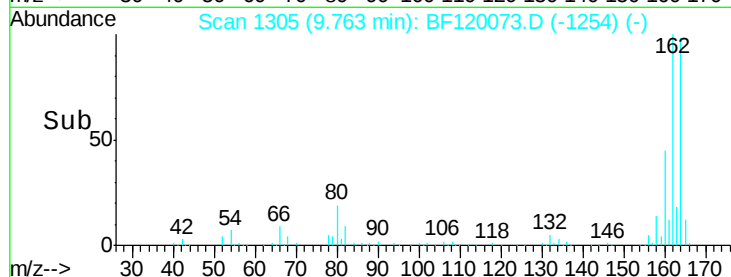
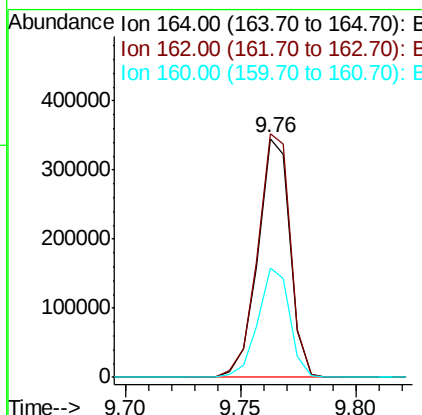
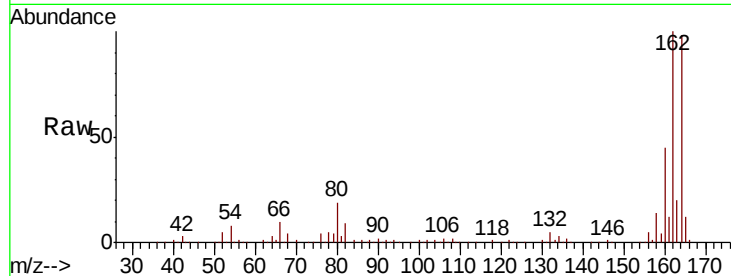
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.9	122.9
160	45.8	36.6	54.8

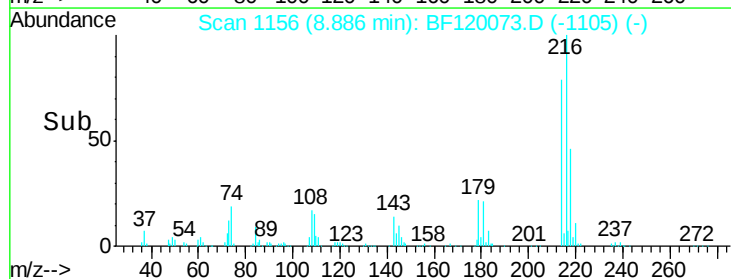
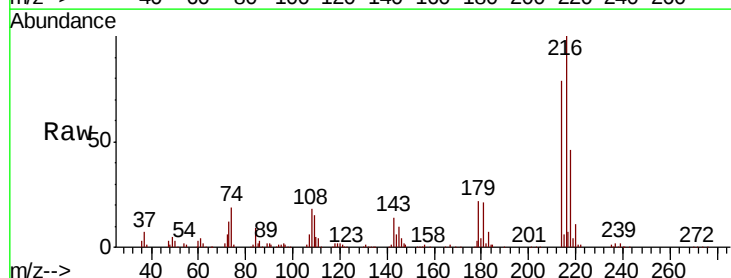
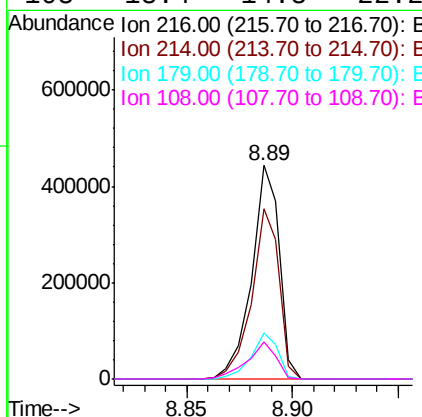
Manual Integrations
APPROVED

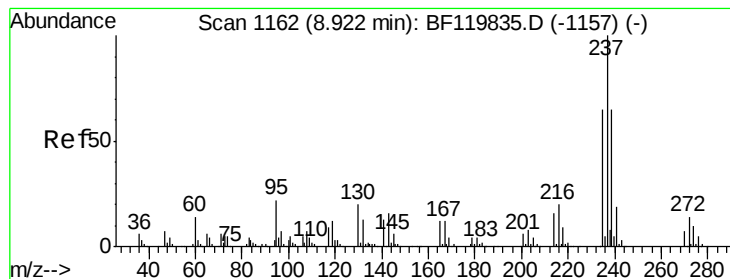
mohammad
4/21/2020 2:54:33 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.259 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.1	94.7
179	21.0	17.0	25.4
108	18.4	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 41.943 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

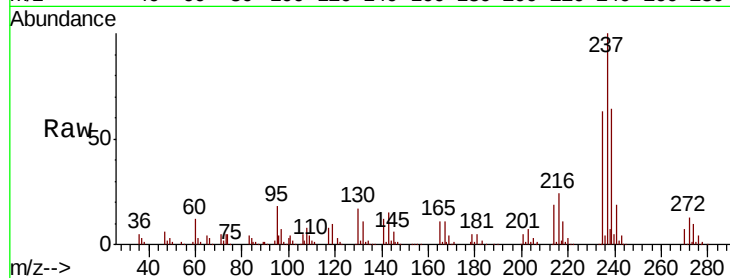
ClientSampleId :

SSTDCCC040

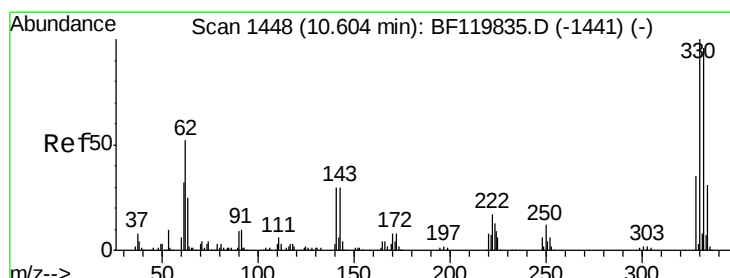
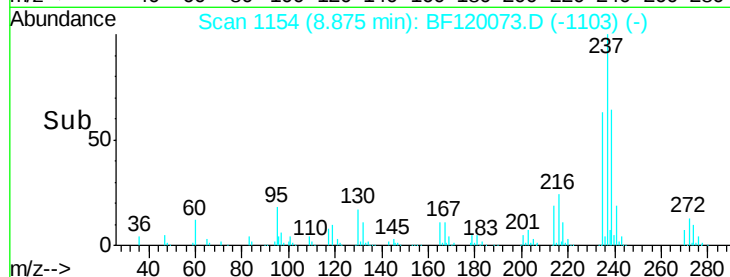
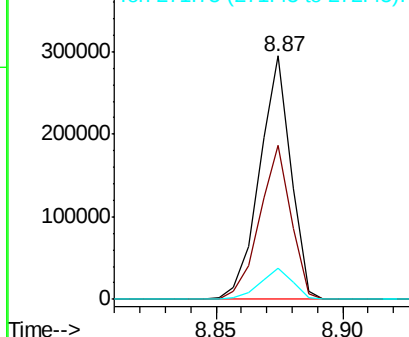
Tot Ion:	237	Resp:	252121
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.9	84.9
272	12.9	0.0	33.6

Manual Integrations
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4/21/2020 2:54:33 PM



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



#42

2,4,6-Tribromophenol

Concen: 81.801 ng

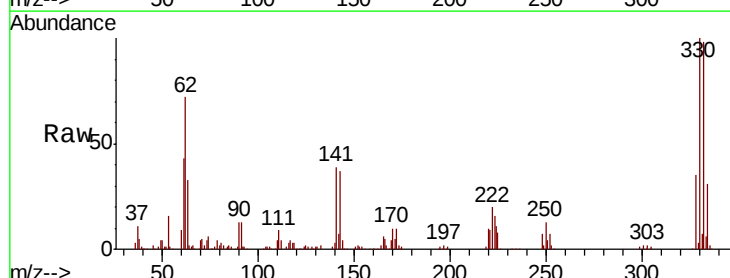
RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

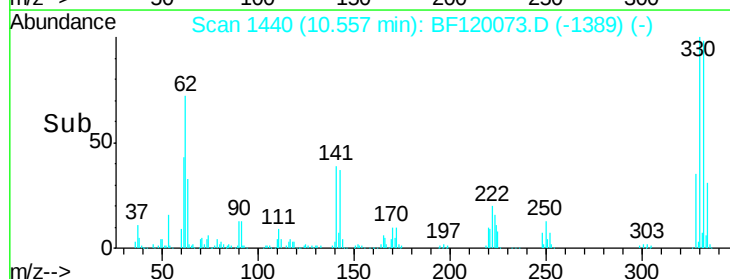
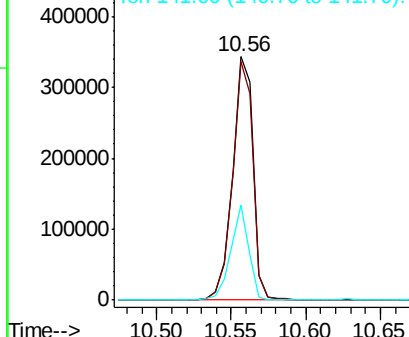
Lab File: BF120073.D

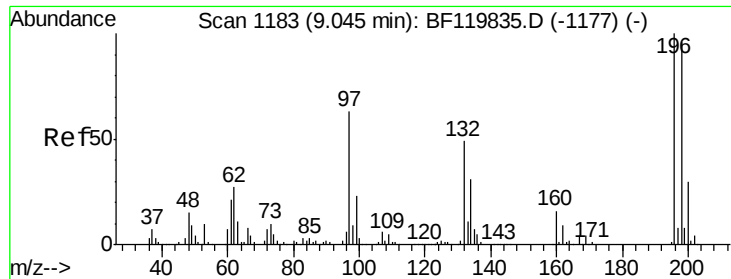
Acq: 20 Apr 2020 13:08

Tgt Ion:	330	Resp:	335197
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.8	115.2
141	34.7	25.1	37.7



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





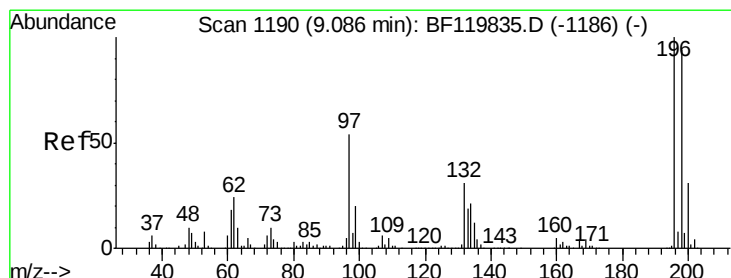
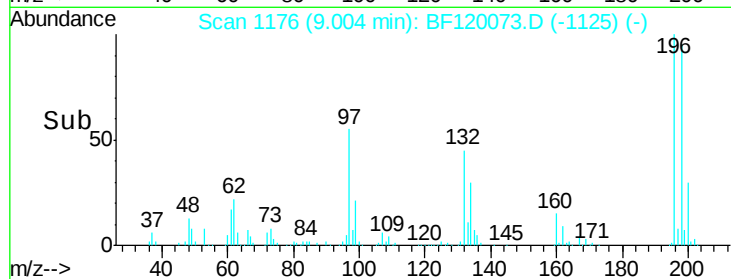
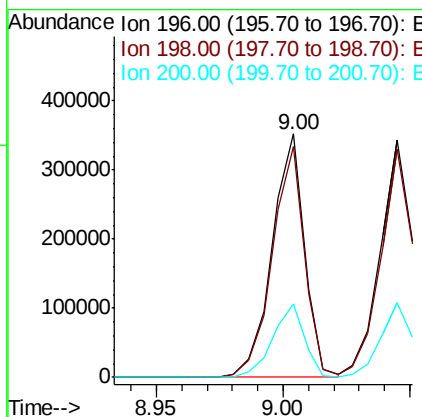
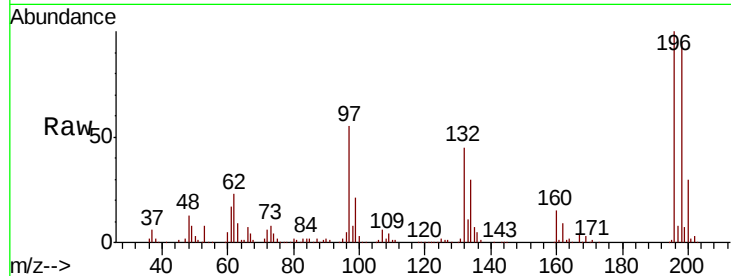
#43
 2,4,6-Trichlorophenol
 Concen: 42.699 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	311692		
198	94.9	76.6	115.0	
200	30.1	24.2	36.2	

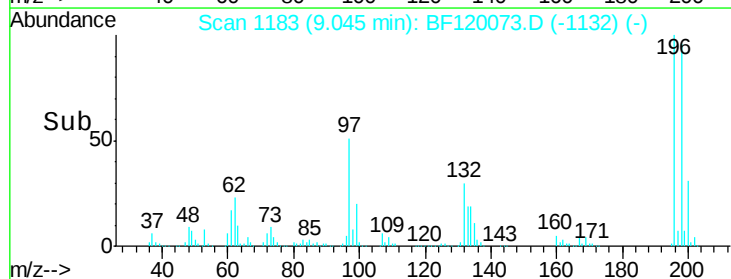
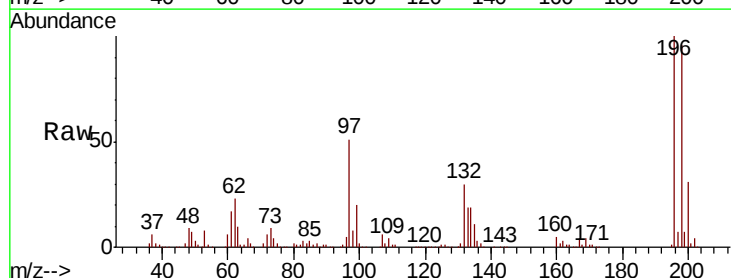
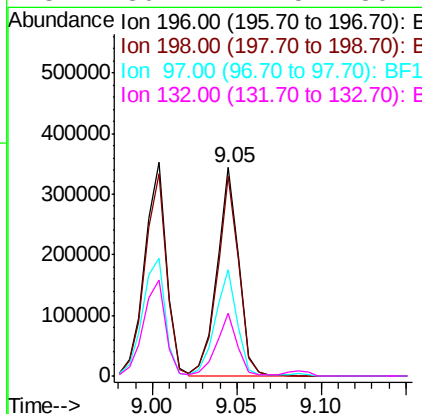
Manual Integrations
 APPROVED

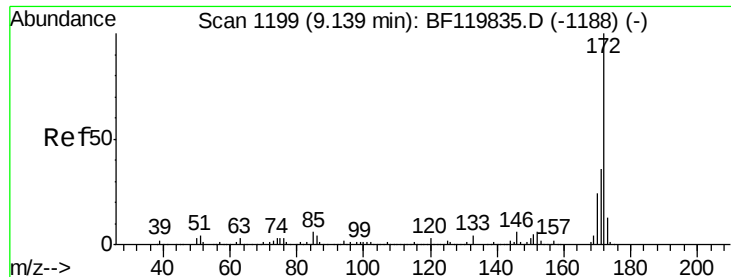
mohammad
 4/21/2020 2:54:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.483 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308169		
198	96.0	75.1	112.7	
97	51.2	43.4	65.2	
132	30.2	24.5	36.7	





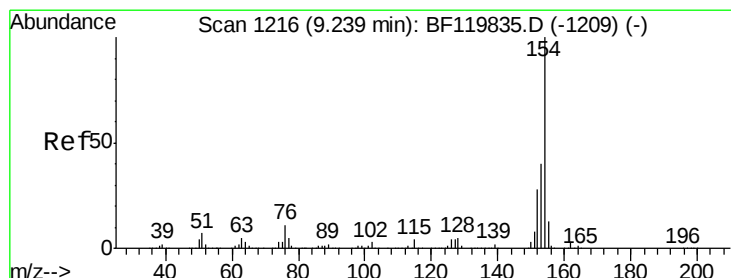
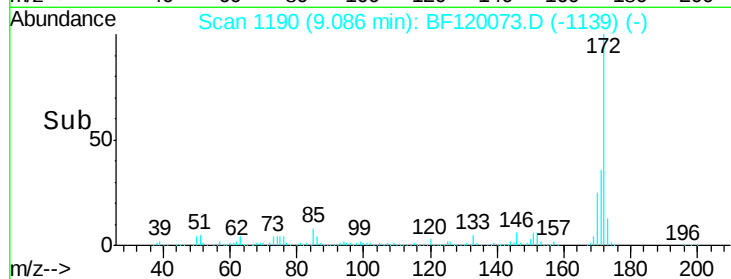
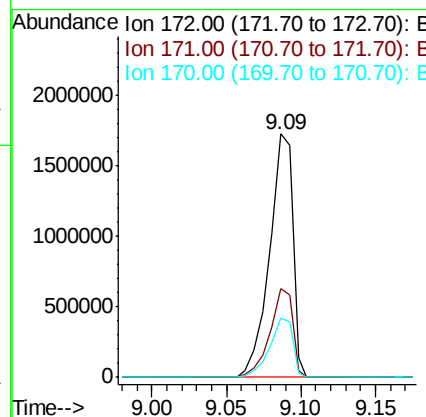
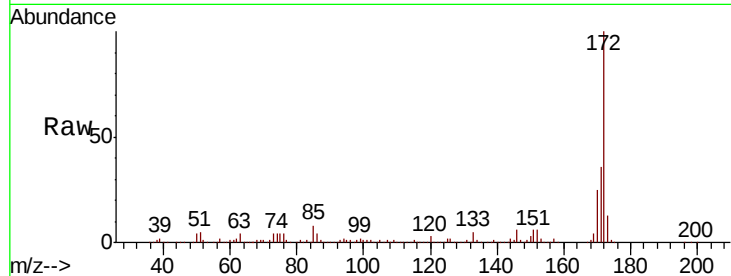
#45
2-Fluorobiphenyl
Concen: 78.536 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2

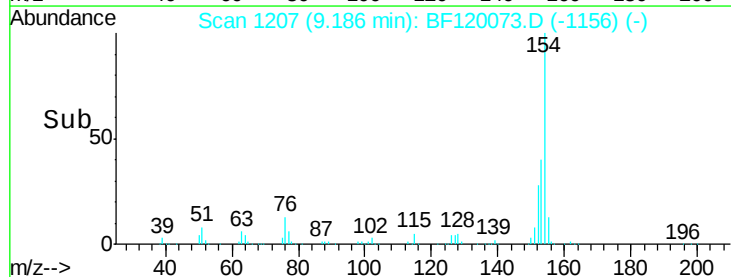
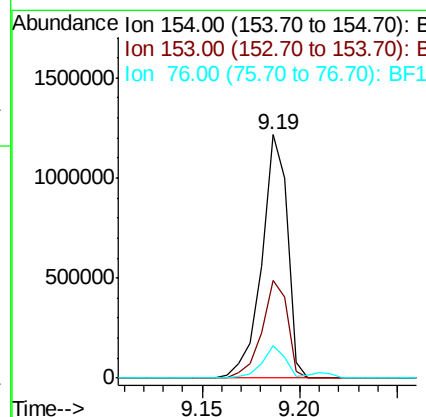
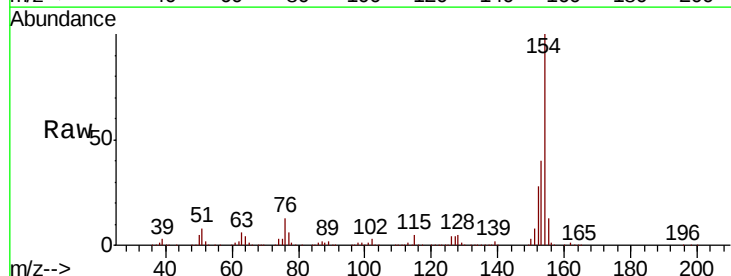
Manual Integrations
APPROVED

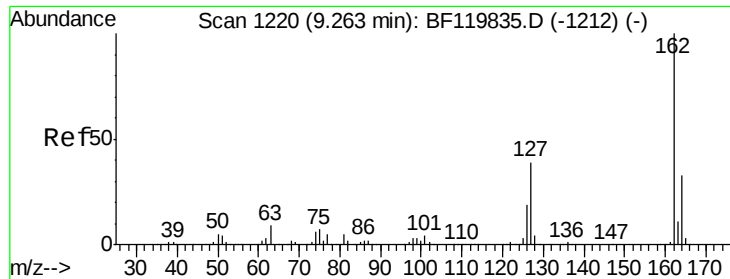
mohammad
4/21/2020 2:54:33 PM



#46
1,1'-Biphenyl
Concen: 38.908 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.5	60.5
76	13.2	0.0	30.6





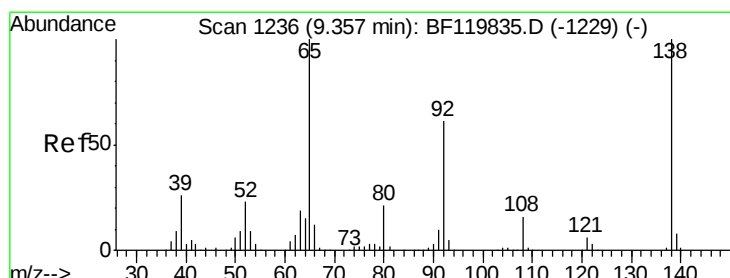
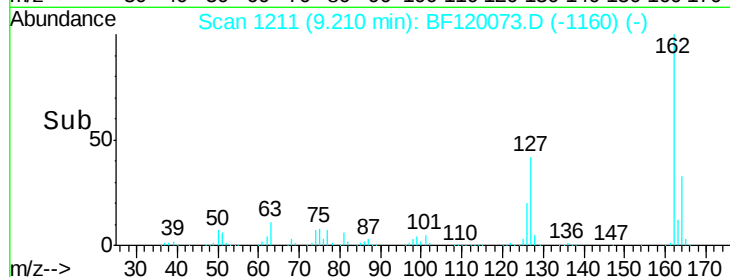
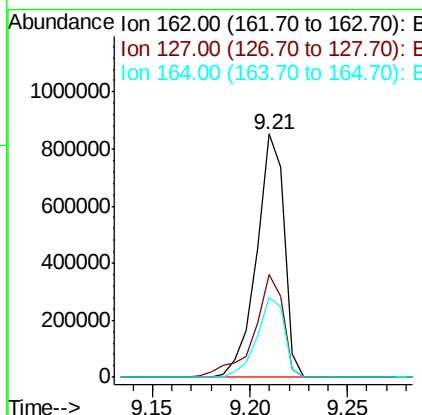
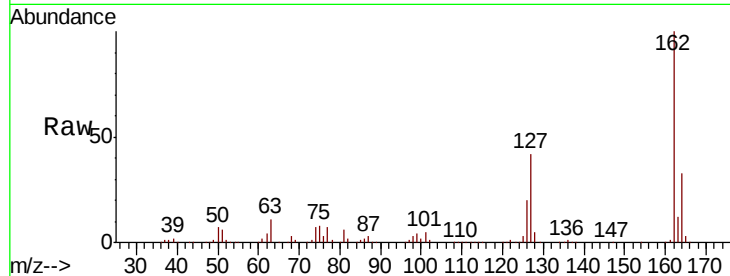
#47
 2-Chloronaphthalene
 Concen: 38.289 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.3	31.2	46.8		
164	32.8	26.3	39.5		

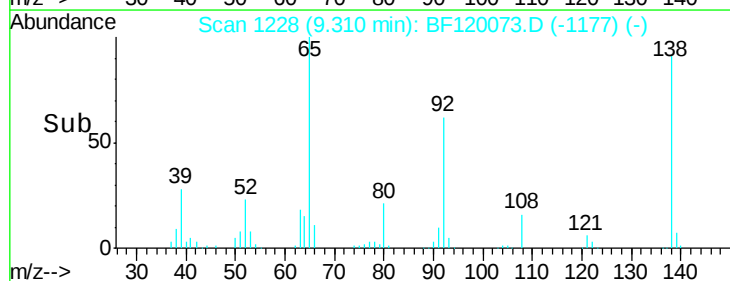
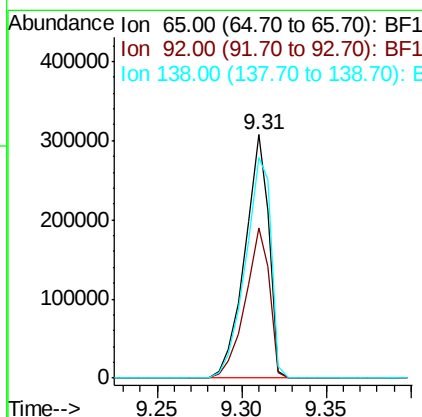
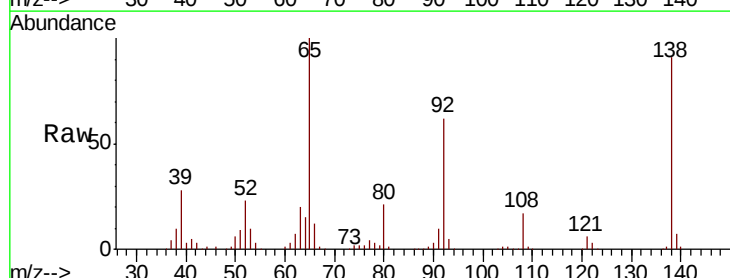
Manual Integrations
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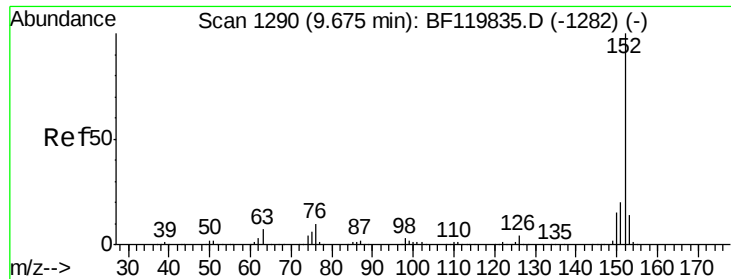
mohammad
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#48
 2-Nitroaniline
 Concen: 38.905 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	61.6	49.0	73.6		
138	90.8	79.7	119.5		





#49

Acenaphthylene

Concen: 38.665 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

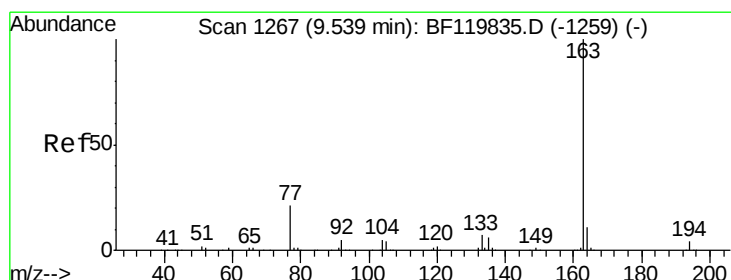
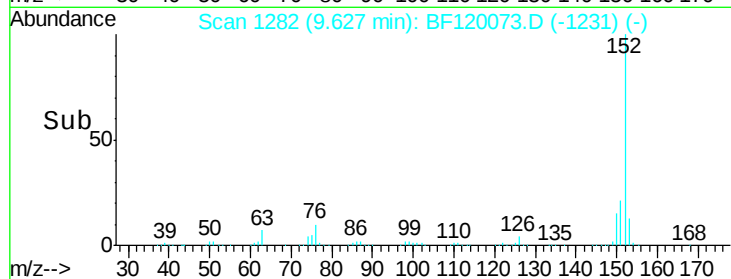
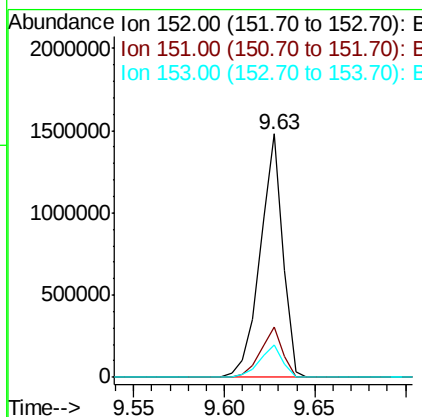
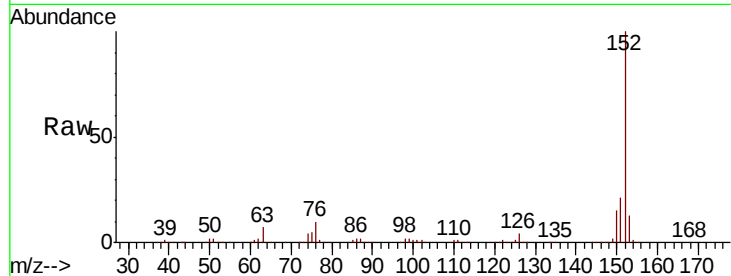
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1279661
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.3	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.930 ng

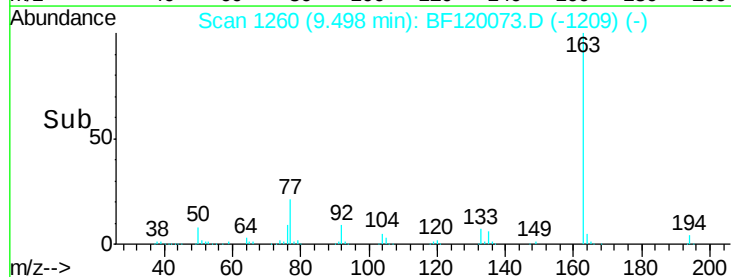
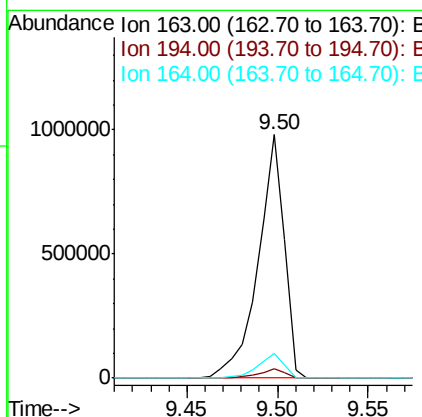
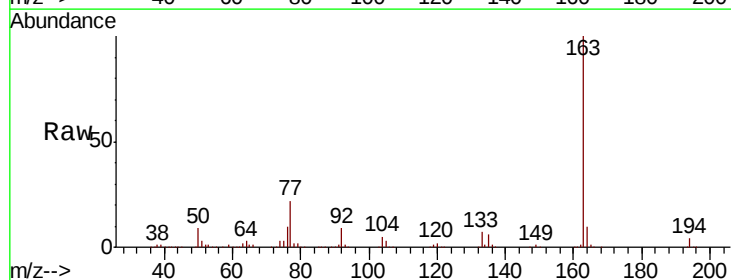
RT: 9.50 min Scan# 1260

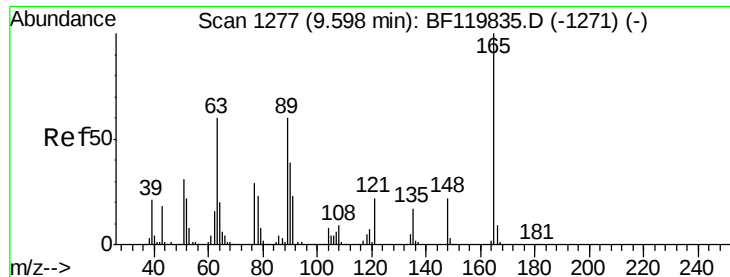
Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion:	163	Resp:	981933
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.4	8.4	12.6





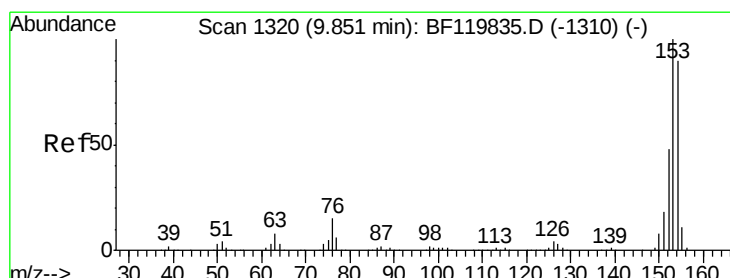
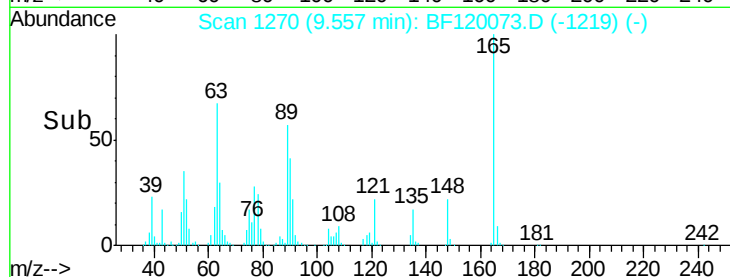
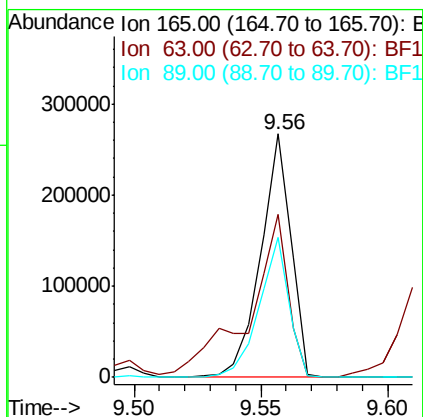
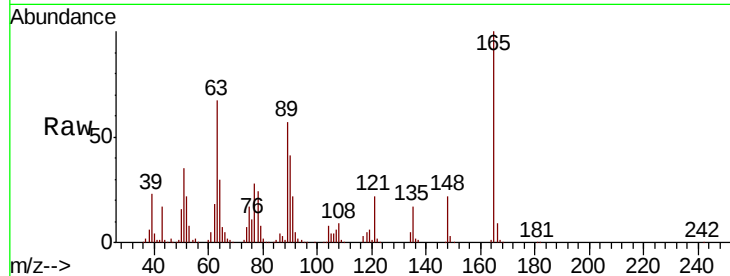
#51
2,6-Dinitrotoluene
Concen: 39.498 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	223915
Ion Ratio	Lower	Upper	
165	100		
63	67.2	55.6	83.4
89	57.3	47.9	71.9

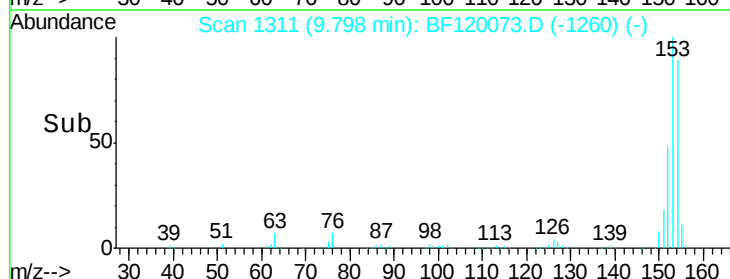
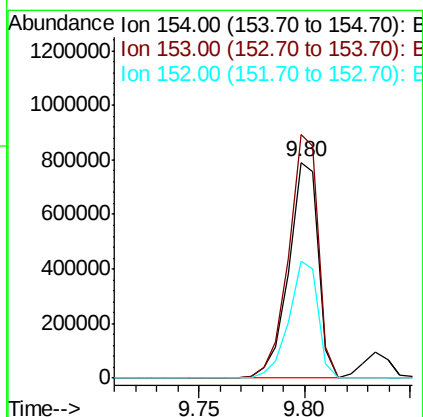
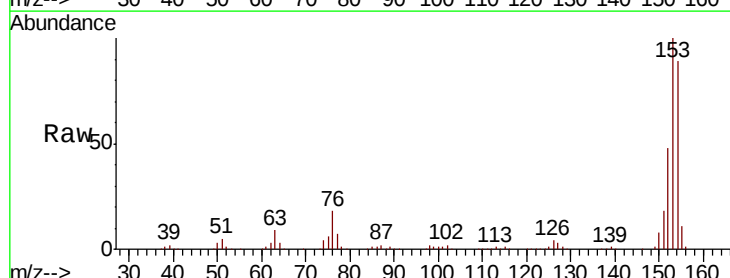
Manual Integrations
APPROVED

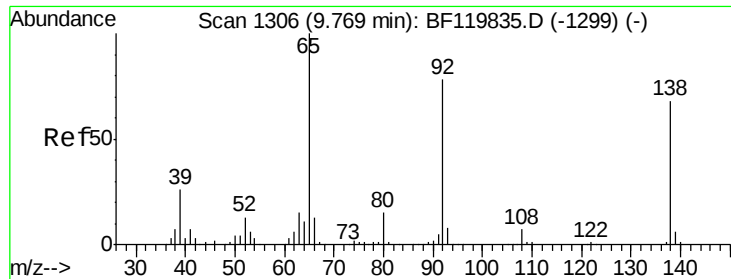
mohammad
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#52
Acenaphthene
Concen: 35.145 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion:	154	Resp:	775911
Ion Ratio	Lower	Upper	
154	100		
153	112.8	88.8	133.2
152	54.3	42.4	63.6





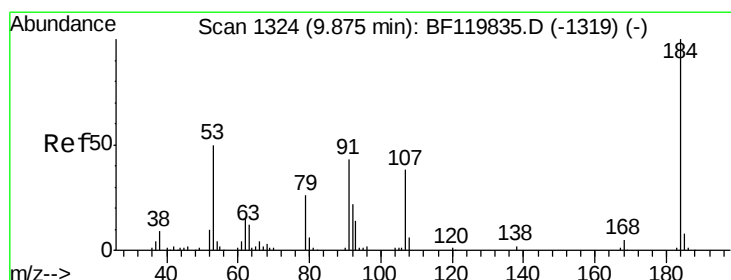
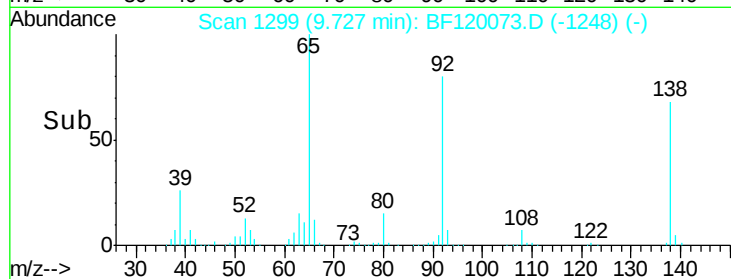
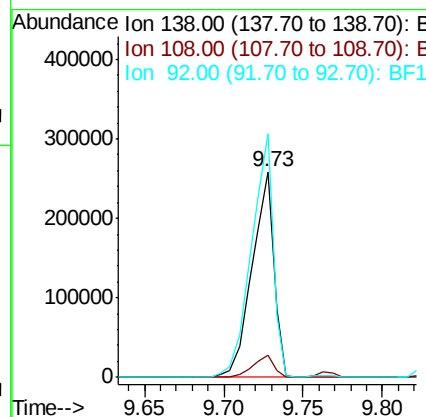
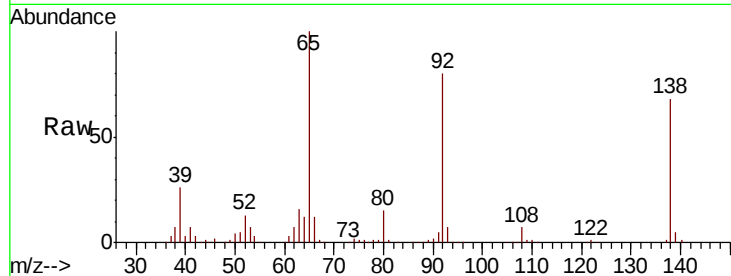
#53
 3-Nitroaniline
 Concen: 38.199 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.0	12.0
92	118.3	92.1	138.1

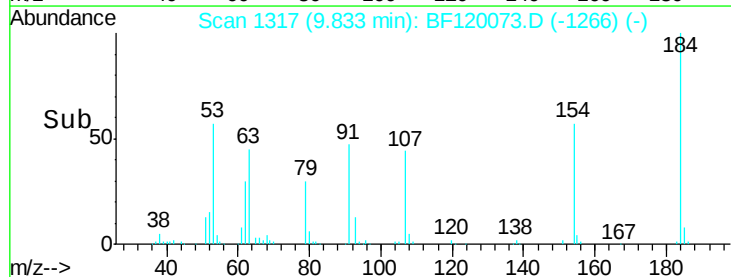
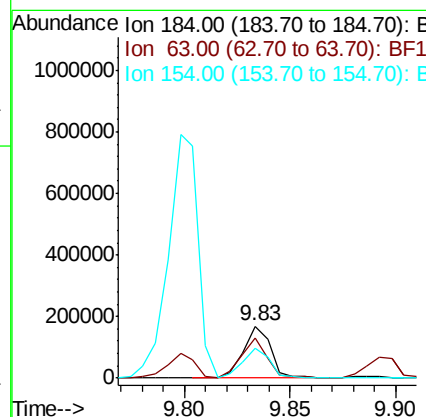
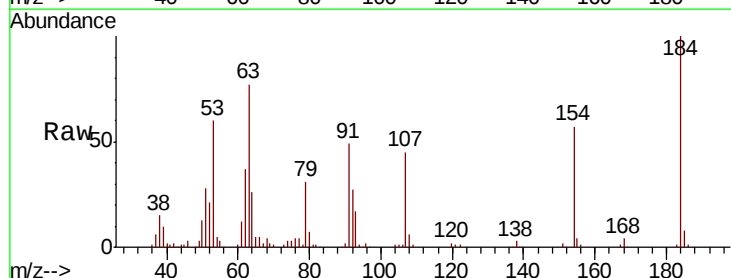
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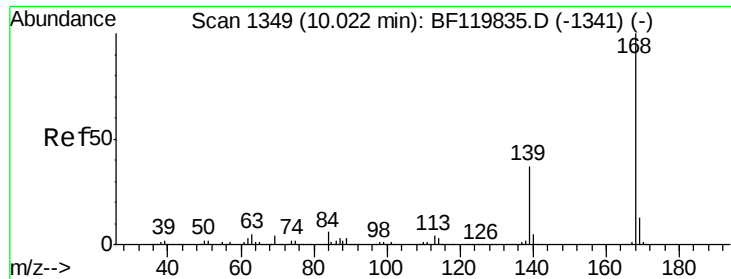
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 45.643 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.3	49.8	74.6#
154	56.6	46.5	69.7





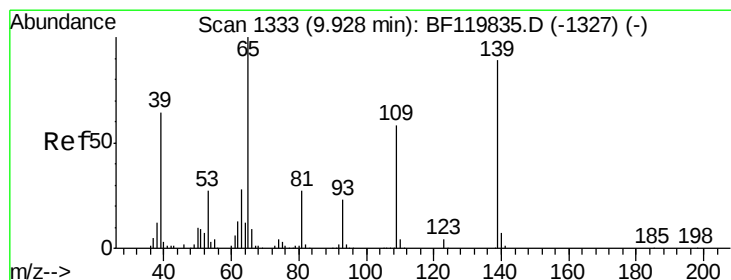
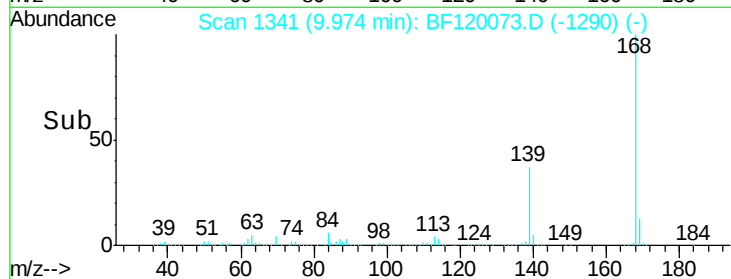
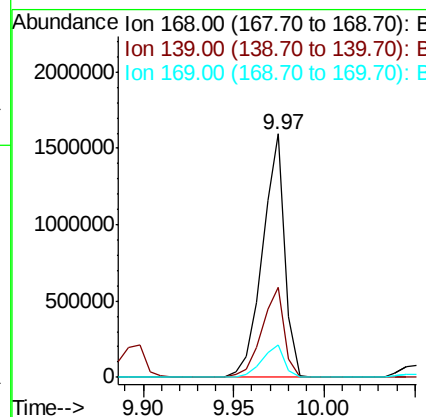
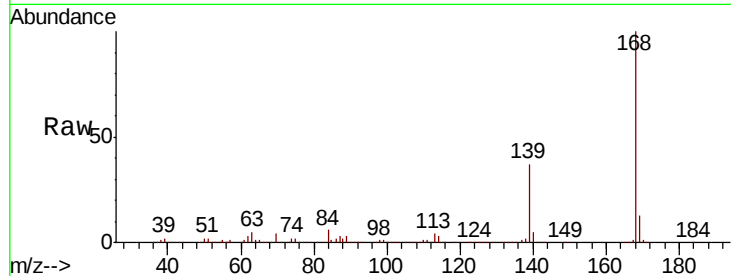
#55
Dibenzofuran
Concen: 44.633 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.6
169	13.3	10.6	15.8

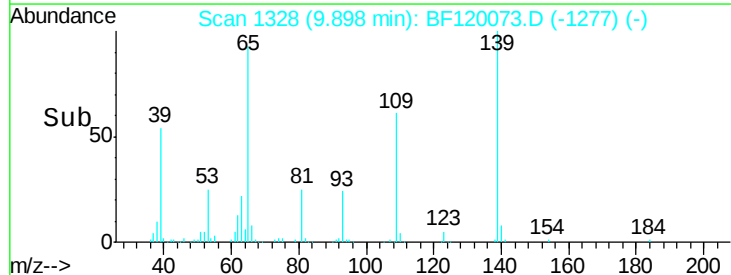
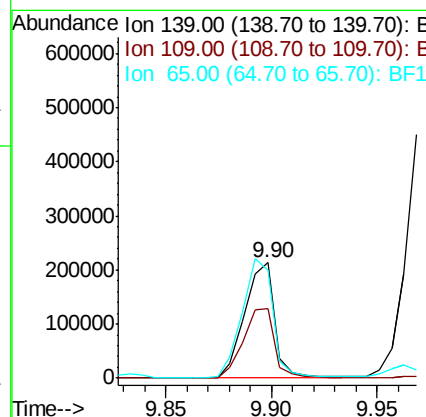
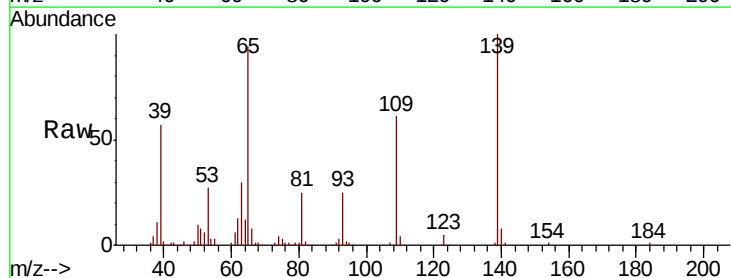
Manual Integrations
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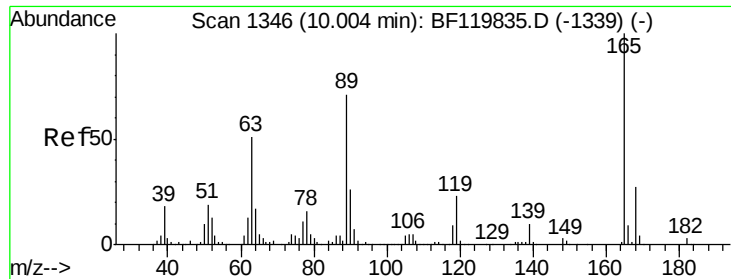
mohammad
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#56
4-Nitrophenol
Concen: 43.879 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.8	45.5	85.5
65	93.6	92.3	132.3





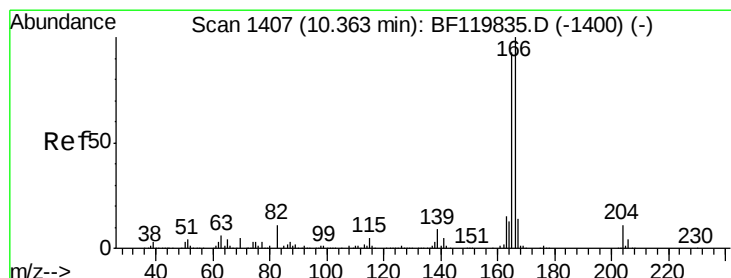
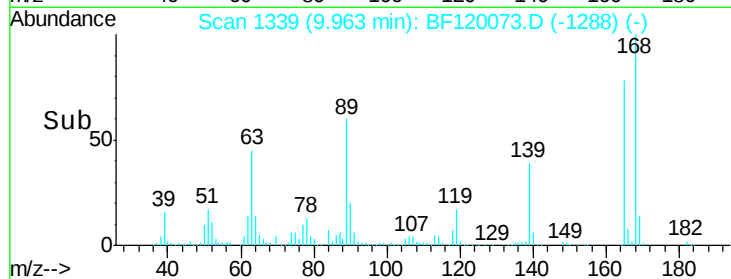
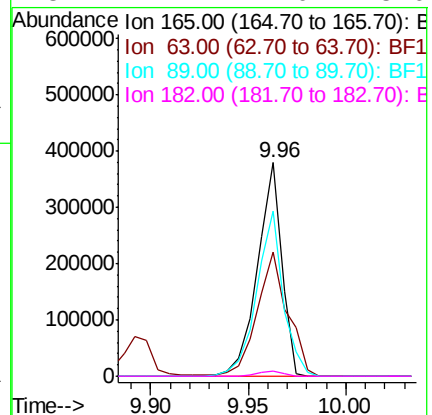
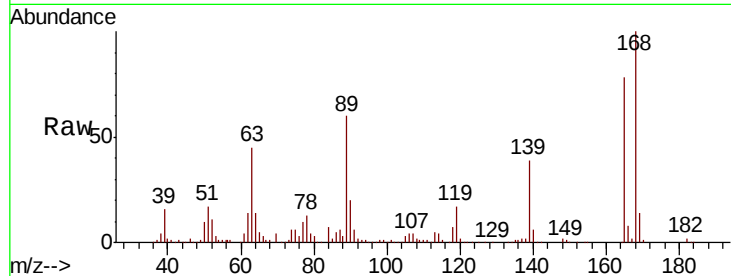
#57
2,4-Dinitrotoluene
Concen: 43.859 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.2	40.8	61.2	
89	77.2	56.9	85.3	
182	2.4	2.0	3.0	

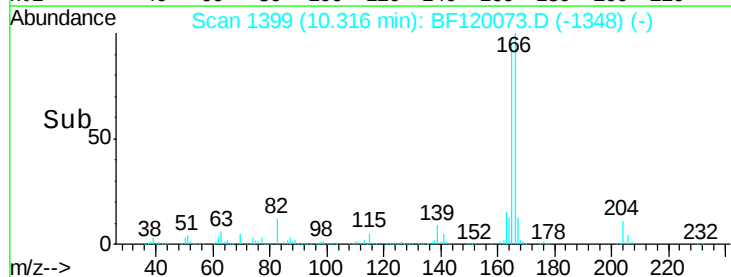
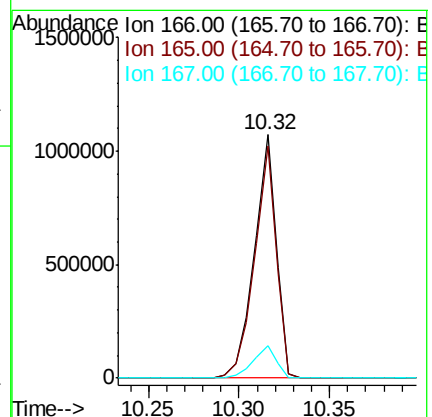
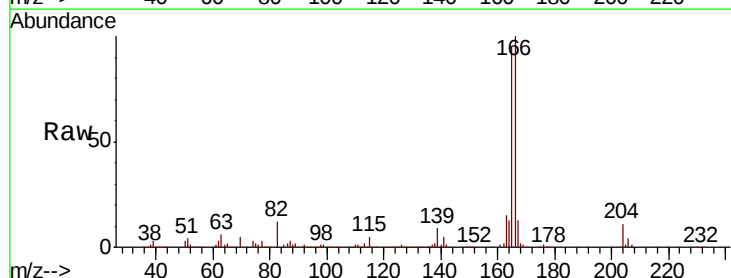
Manual Integrations
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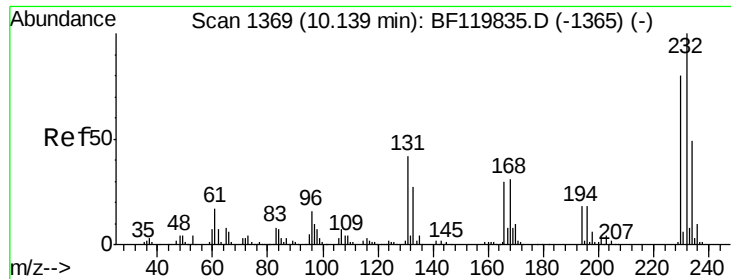
mohammad
4/21/2020 2:54:33 PM



#58
Fluorene
Concen: 37.337 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.3	74.2	111.2	
167	13.4	10.8	16.2	





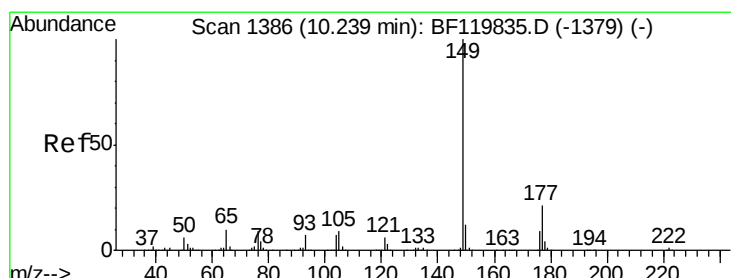
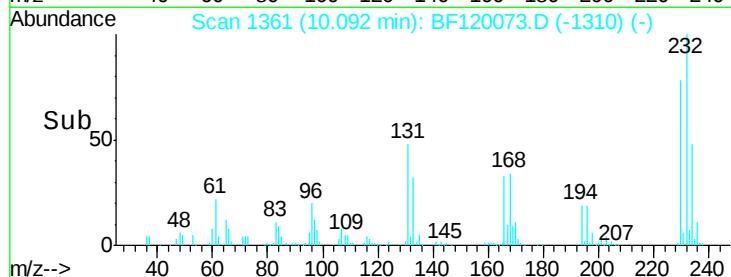
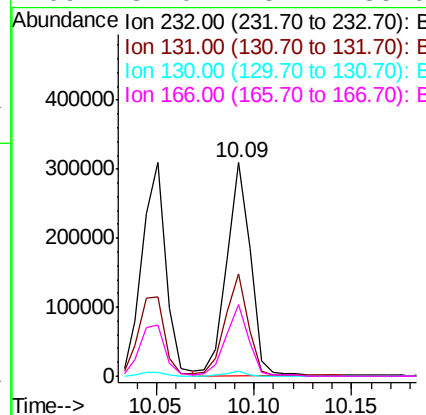
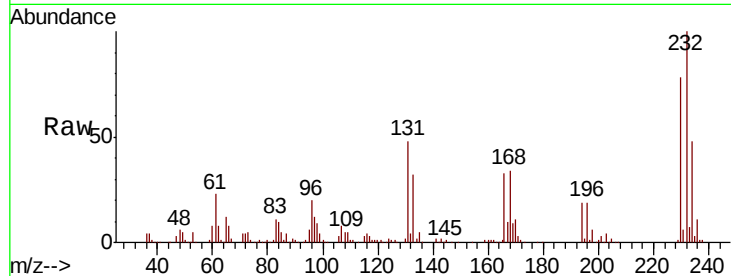
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.818 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.9	56.9
130	2.2	1.8	2.6
166	32.0	25.4	38.0

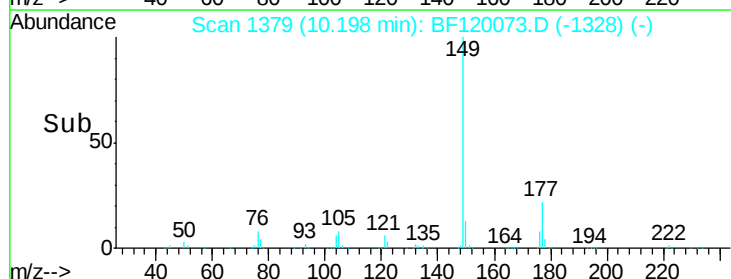
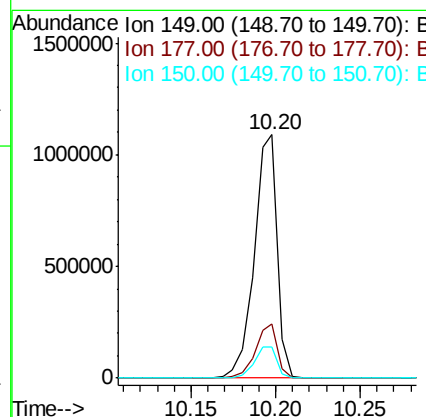
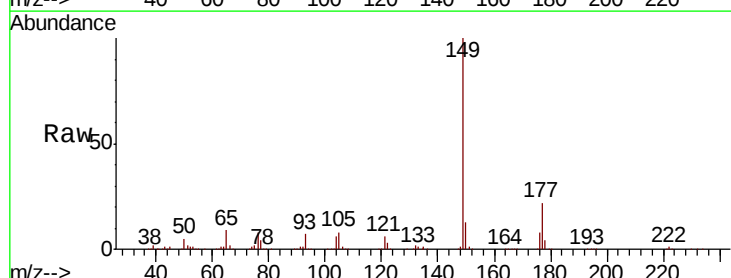
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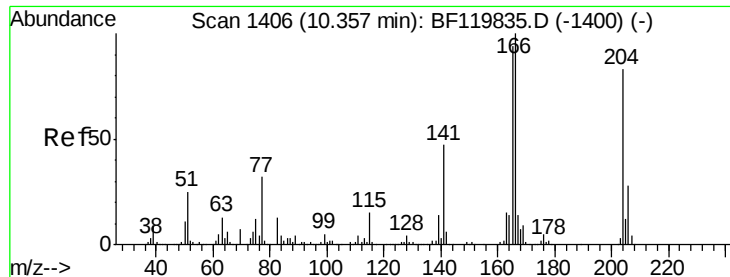
mohammad
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#60
 Diethylphthalate
 Concen: 38.566 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.8	25.2
150	12.6	9.8	14.6





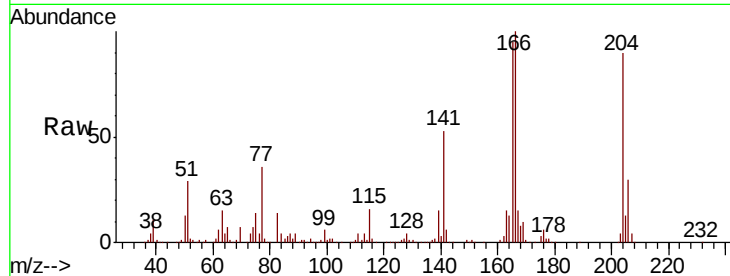
#61
 4-Chlorophenyl-phenylether
 Concen: 36.511 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

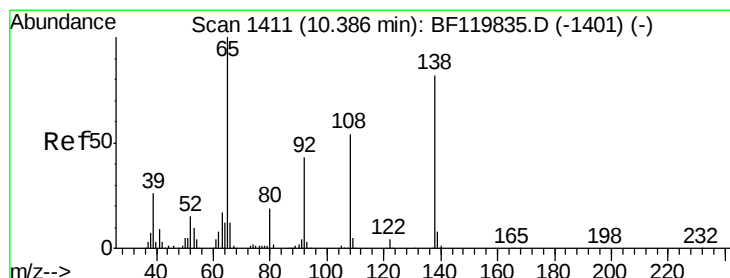
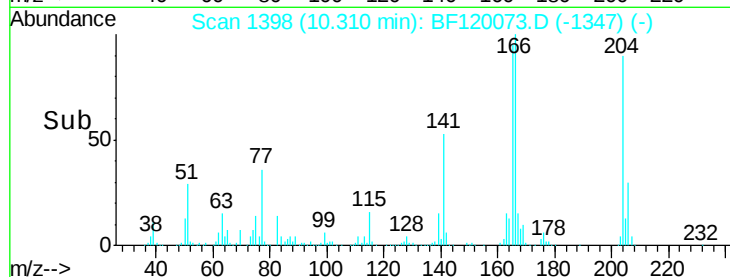
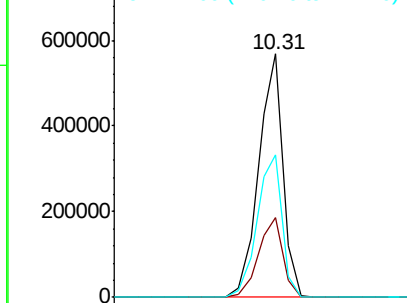
Tot Ion:	204	Resp:	453403
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	58.6	45.8	68.8

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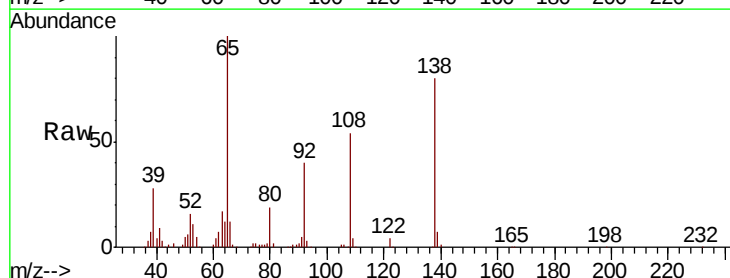


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

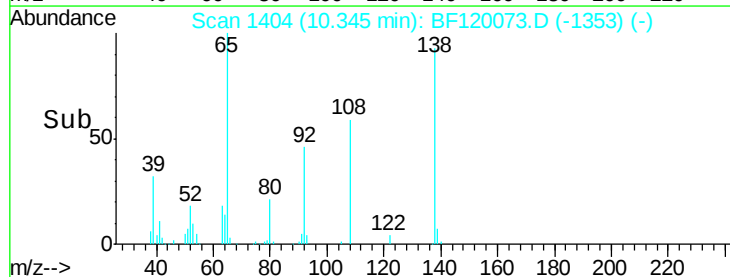
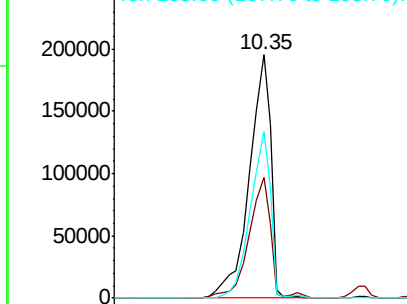


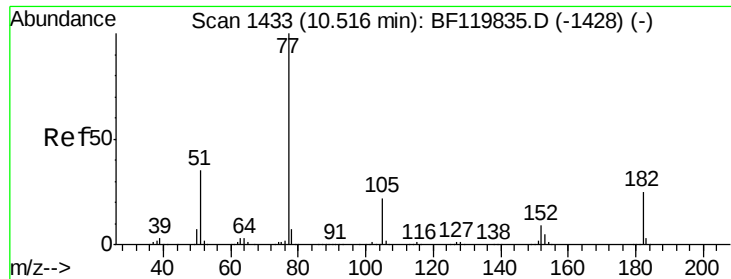
#62
 4-Nitroaniline
 Concen: 40.931 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion:	138	Resp:	252555
Ion Ratio	Lower	Upper	
138	100		
92	49.8	31.6	71.6
108	68.4	45.2	85.2



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





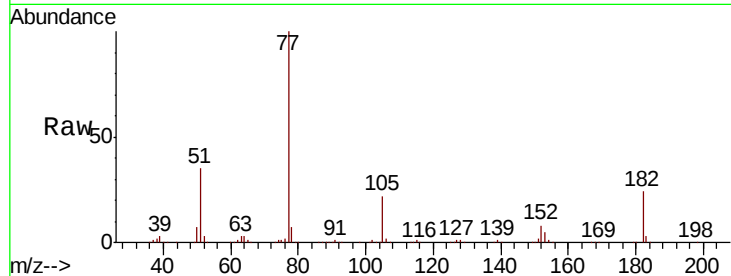
#63
Azobenzene
Concen: 39.047 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

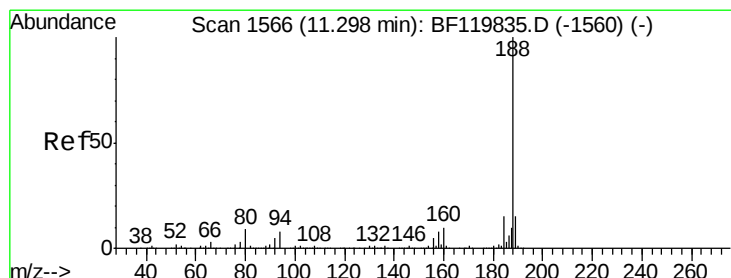
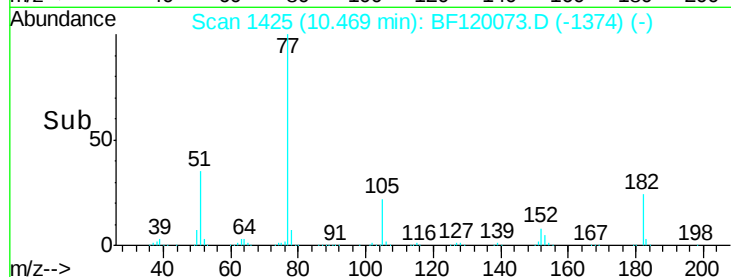
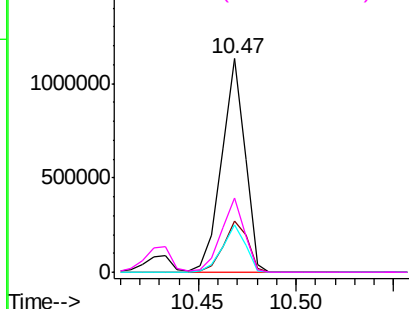
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.8	4.5	44.5		
105	21.9	2.2	42.2		
51	34.6	15.1	55.1		

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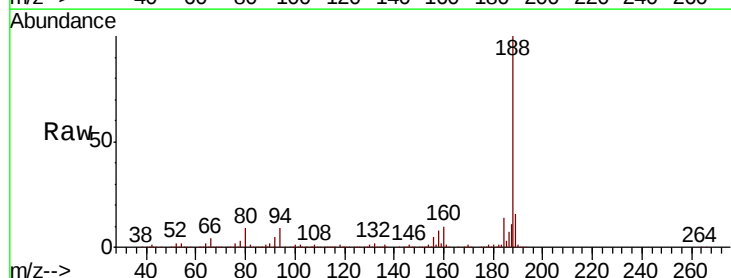


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

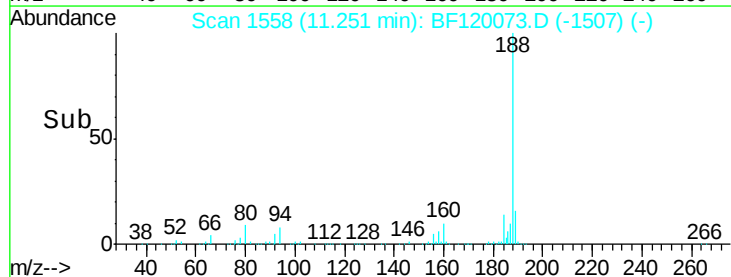
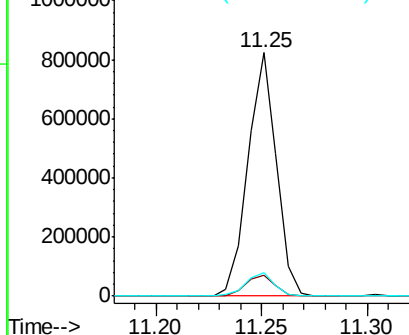


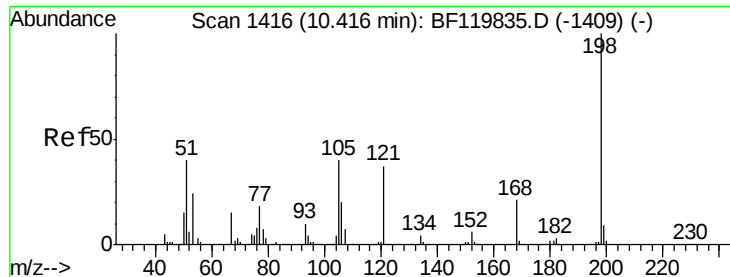
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.8	6.7	10.1		
80	9.4	7.4	11.2		



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





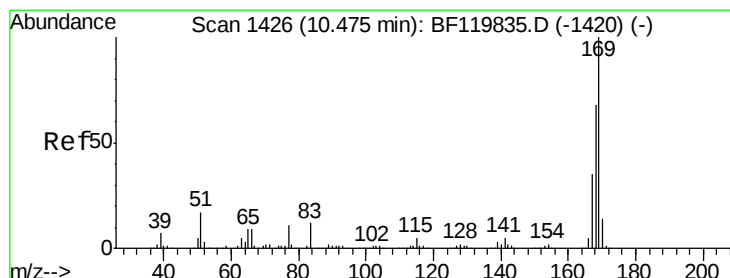
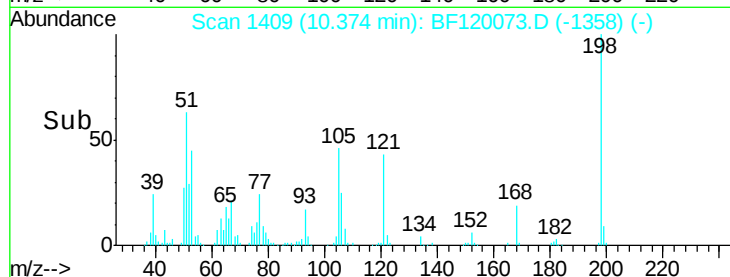
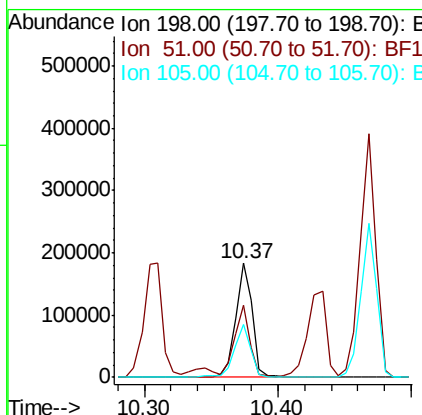
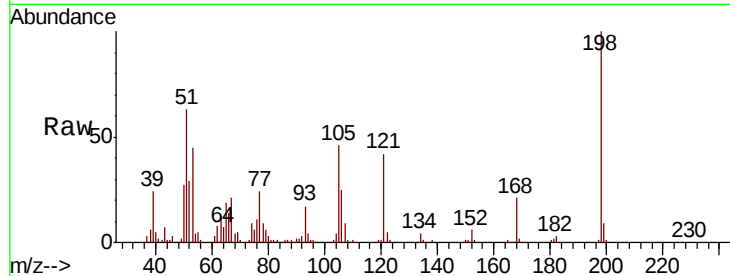
#65
4,6-Dinitro-2-methylphenol
Concen: 31.925 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	161580		
51	63.3	25.2	65.2	
105	46.2	20.8	60.8	

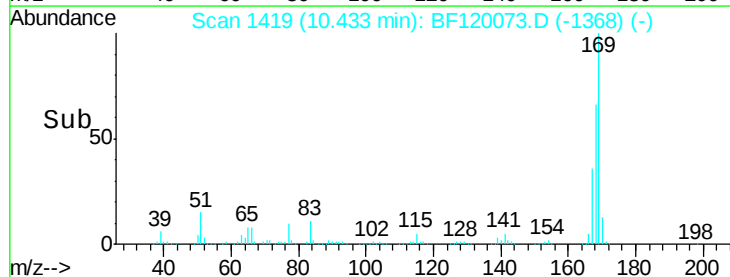
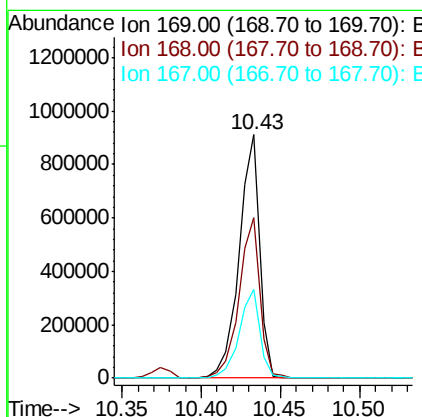
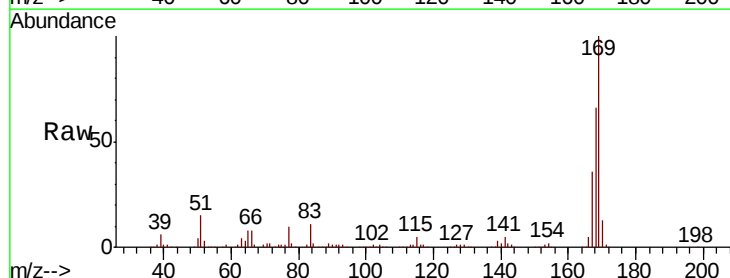
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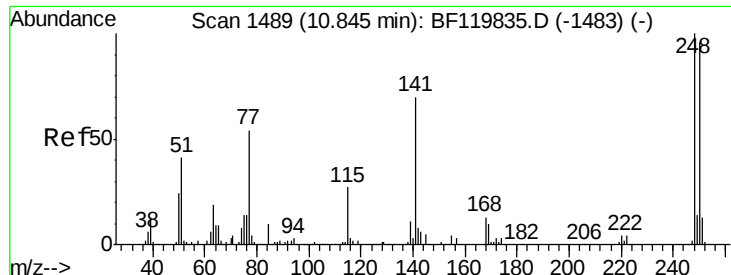
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 31.879 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	814498		
168	65.9	54.2	81.4	
167	36.2	28.3	42.5	





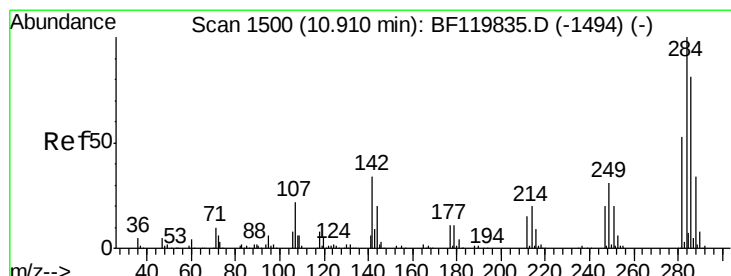
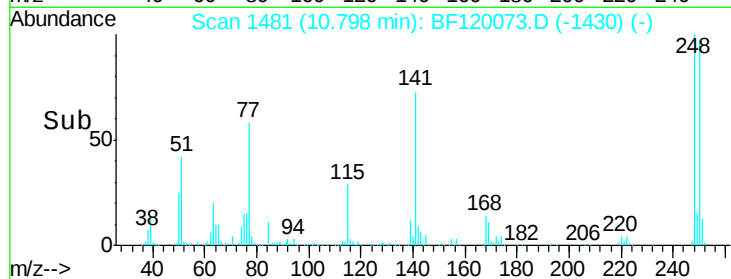
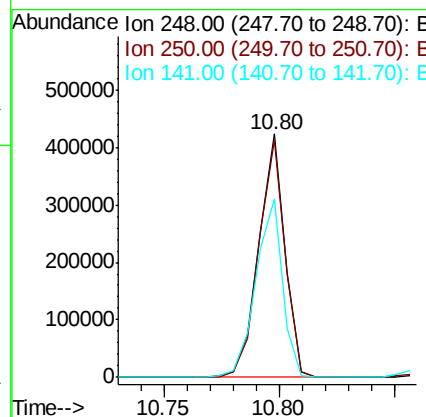
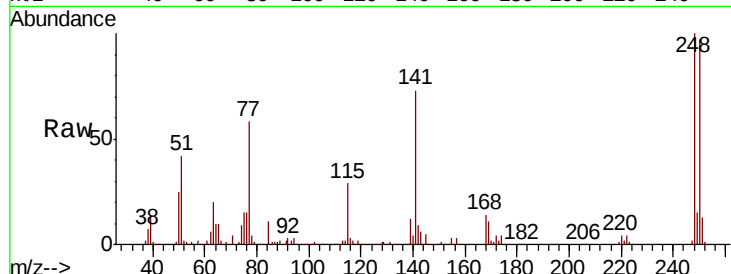
#67
 4-Bromophenyl-phenylether
 Concen: 35.198 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.6	114.8
141	73.3	55.9	83.9

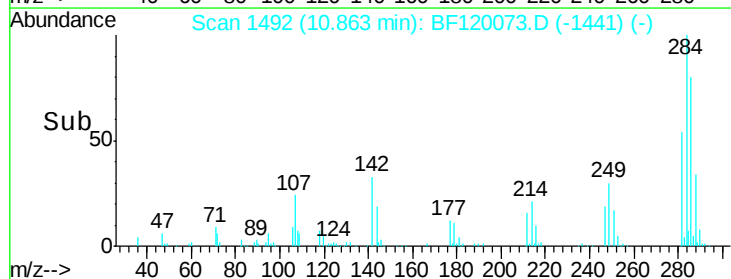
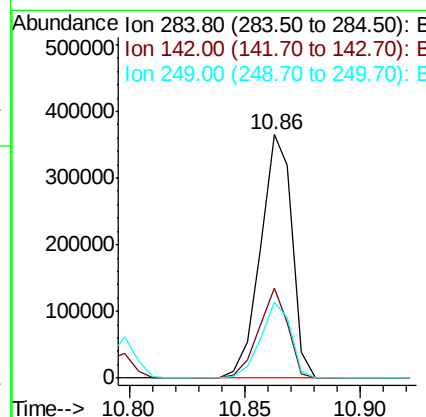
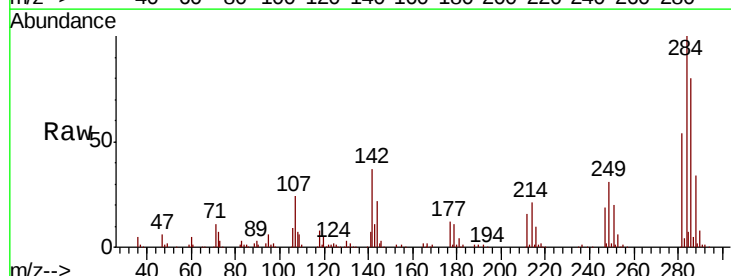
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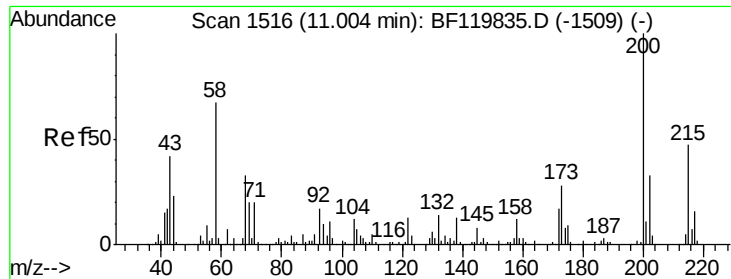
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#68
 Hexachlorobenzene
 Concen: 35.821 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	26.9	40.3
249	31.2	24.6	37.0





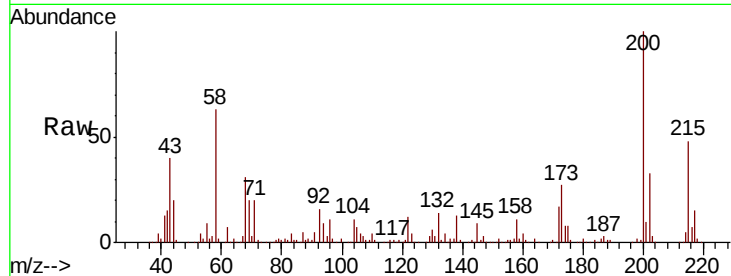
#69
Atrazine
Concen: 34.423 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

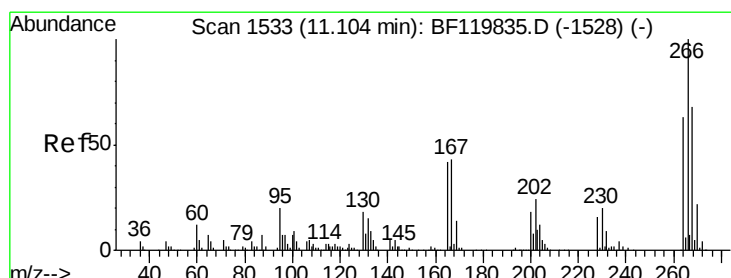
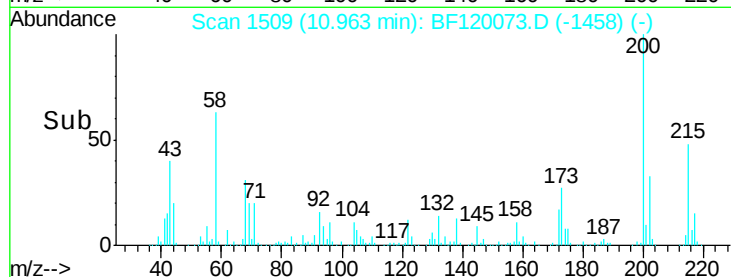
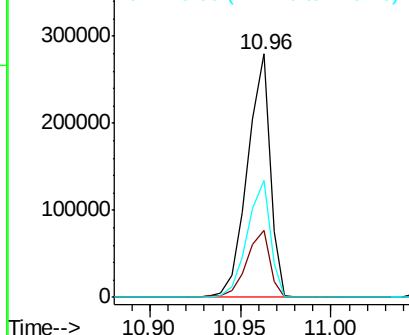
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	8.0	48.0
215	48.2	27.1	67.1

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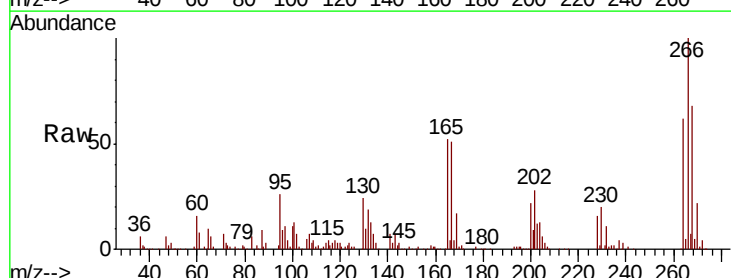


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

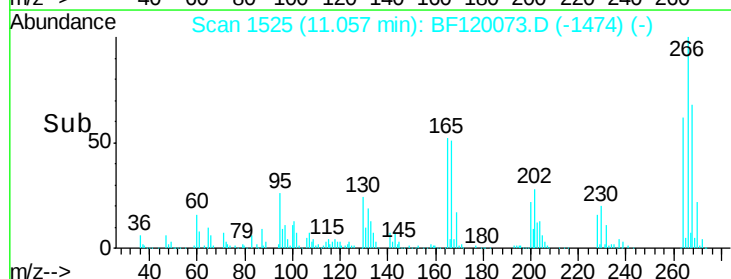
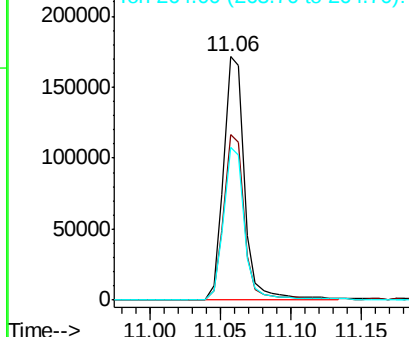


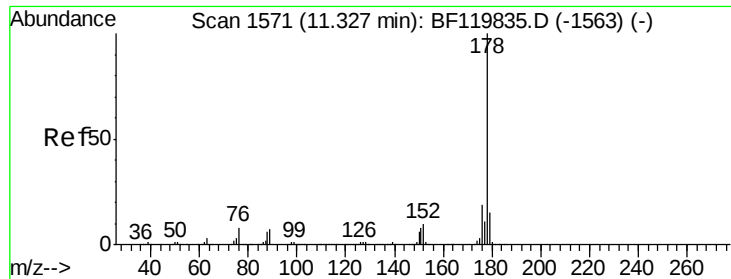
#70
Pentachlorophenol
Concen: 32.078 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.9	54.2	81.4
264	62.5	50.6	76.0



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





#71

Phenanthrene

Concen: 37.595 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1537160

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

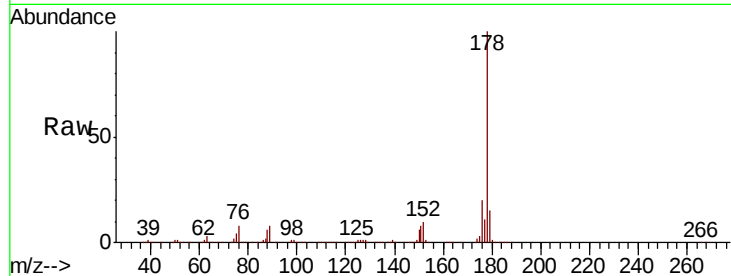
179 15.3 12.2 18.4

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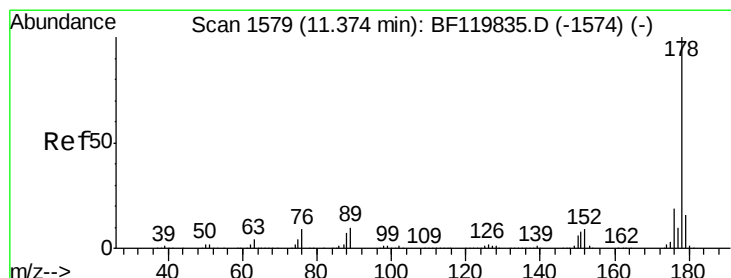
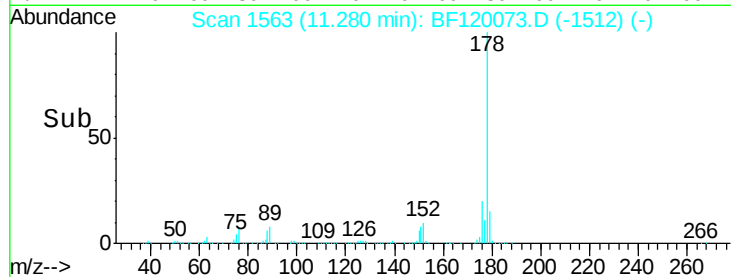
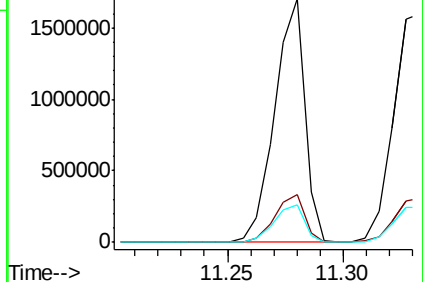
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.592 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion:178 Resp: 1570169

Ion Ratio Lower Upper

178 100

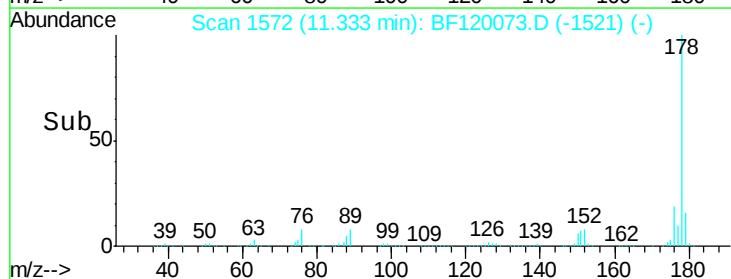
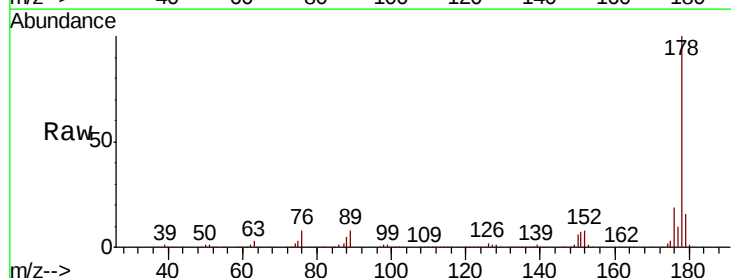
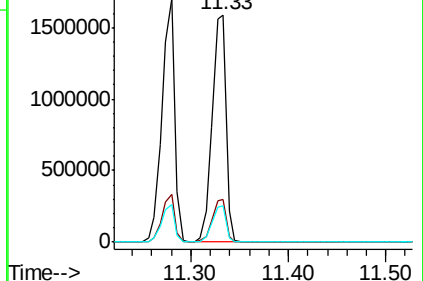
176 18.8 15.4 23.2

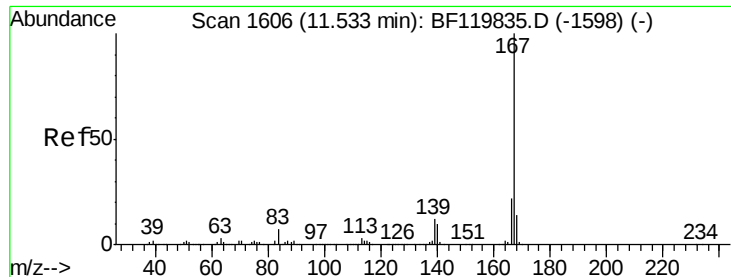
179 15.8 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.201 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1508917

Ion Ratio Lower Upper

167 100

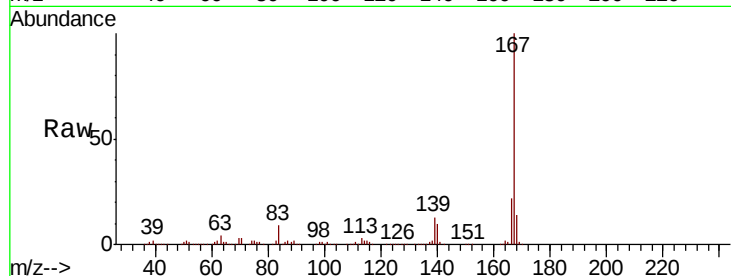
166 21.6 17.4 26.0

139 13.2 9.8 14.8

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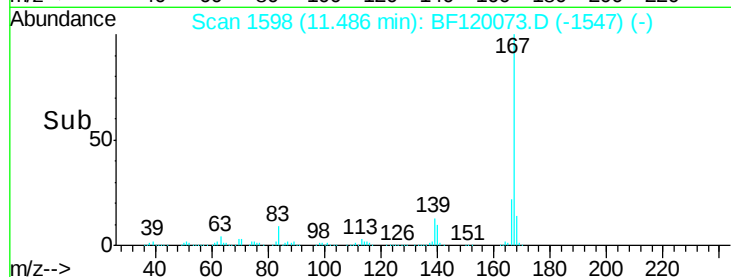


Abundance Ion 167.00 (166.70 to 167.70): E

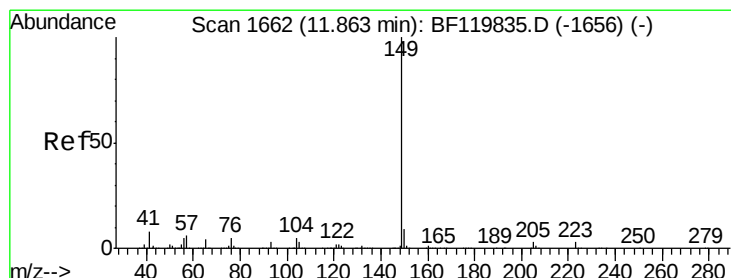
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.49



Time-->



#74

Di-n-butylphthalate

Concen: 37.233 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

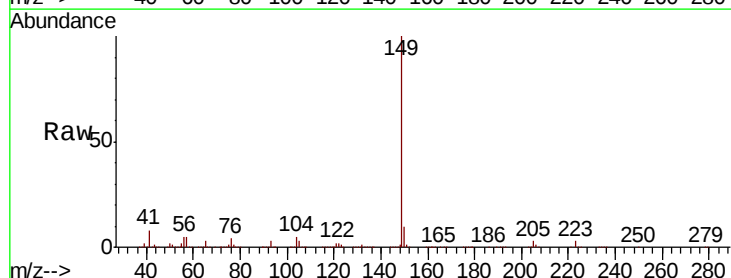
Tgt Ion:149 Resp: 1933357

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 4.6 3.8 5.6

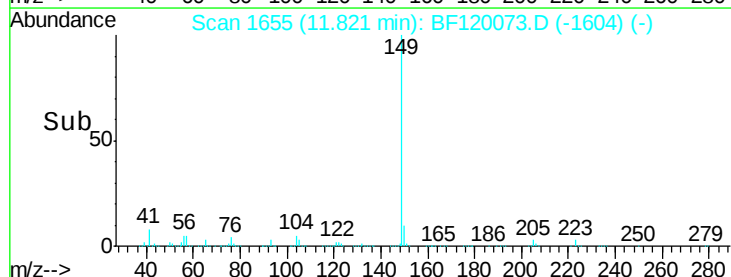


Abundance Ion 149.00 (148.70 to 149.70): E

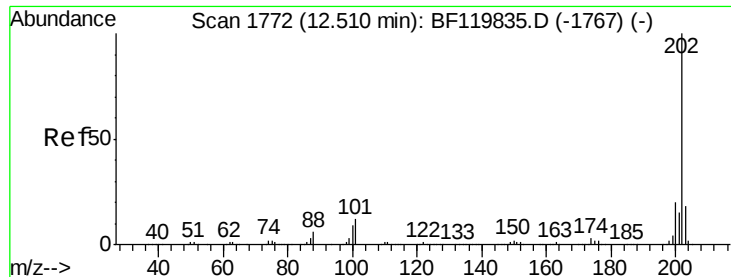
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.82



Time-->



#75

Fluoranthene

Concen: 37.888 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

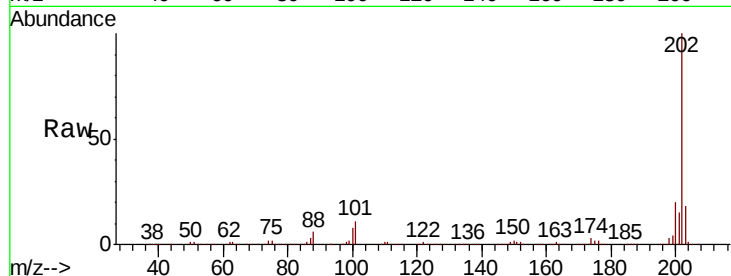
ClientSampleId :

SSTDCCC040

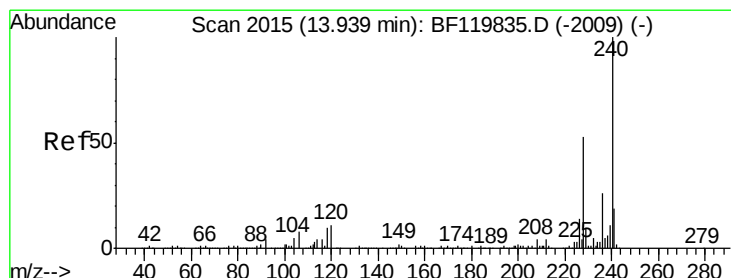
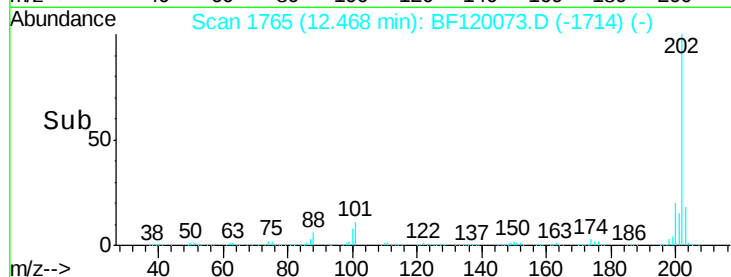
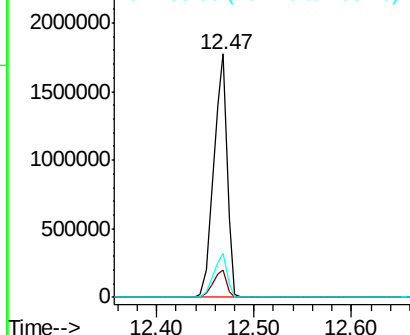
Tot Ion:	202	Resp:	1671502
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.3
203	17.8	0.0	37.6

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



#76

Chrysene-d12

Concen: 20.000 ng

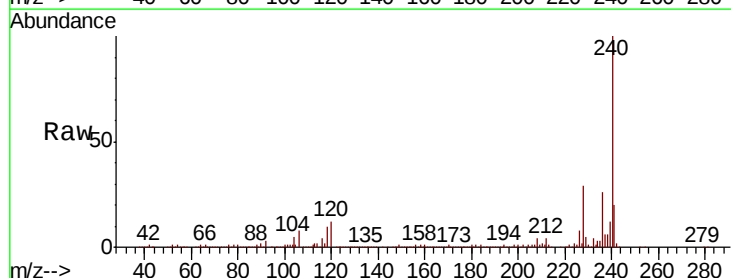
RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

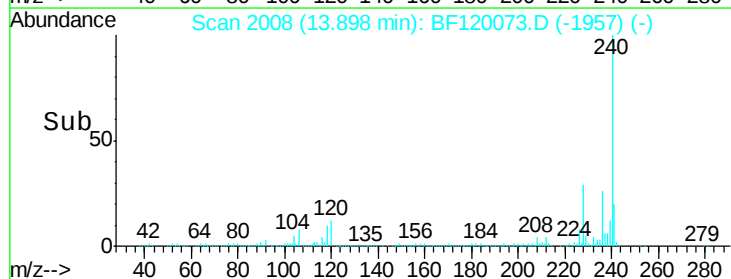
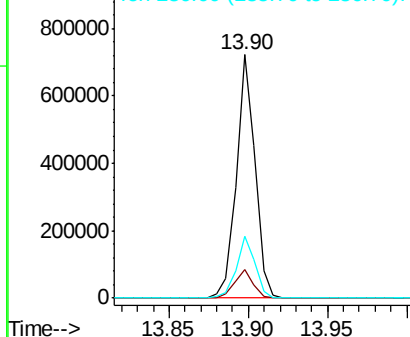
Lab File: BF120073.D

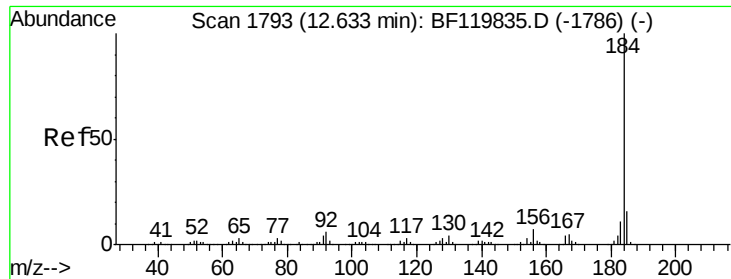
Acq: 20 Apr 2020 13:08

Tgt Ion:	240	Resp:	589897
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	25.6	20.7	31.1



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





#77

Benzidine

Concen: 36.989 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

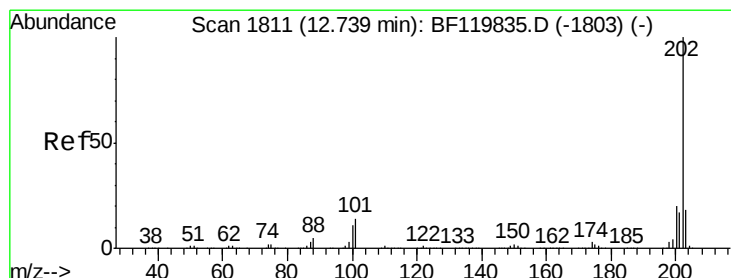
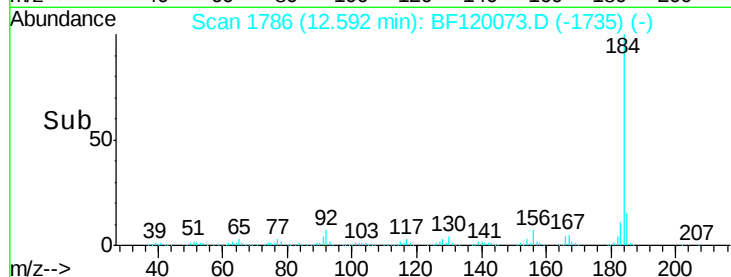
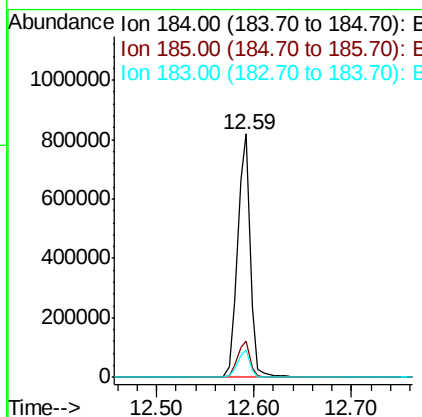
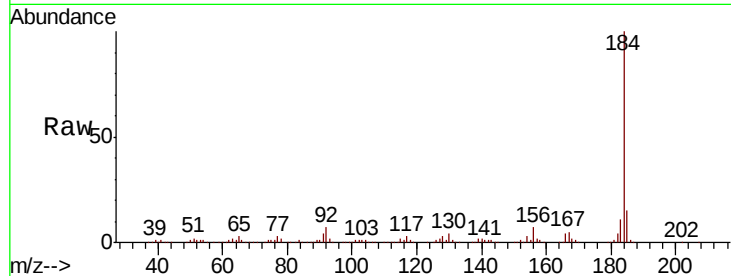
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	737566
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.2	19.8
183	11.3	9.1	13.7

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#78

Pyrene

Concen: 34.469 ng

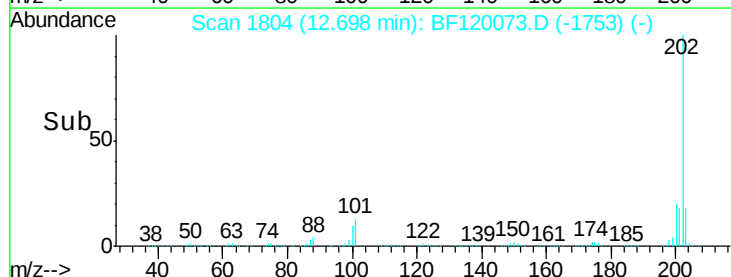
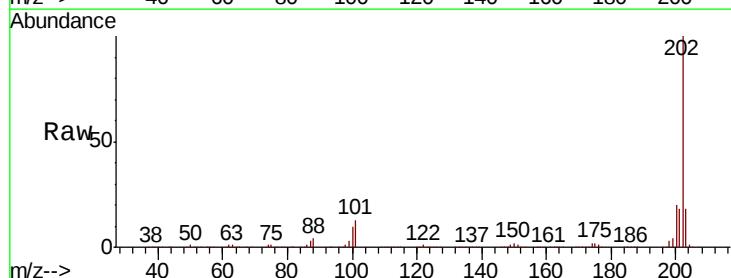
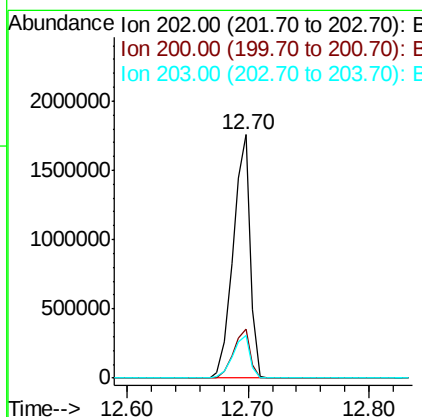
RT: 12.70 min Scan# 1804

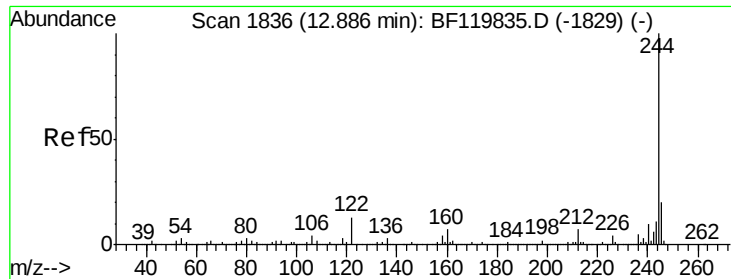
Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Tgt Ion:	202	Resp:	1714103
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	17.5	14.1	21.1





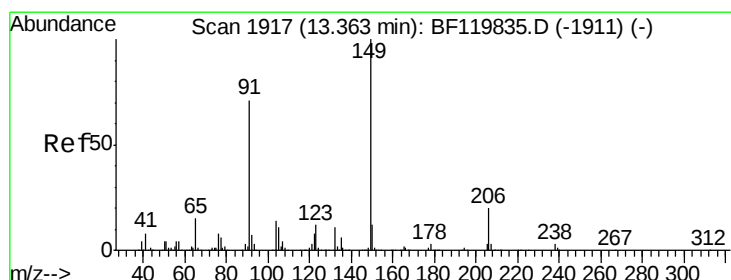
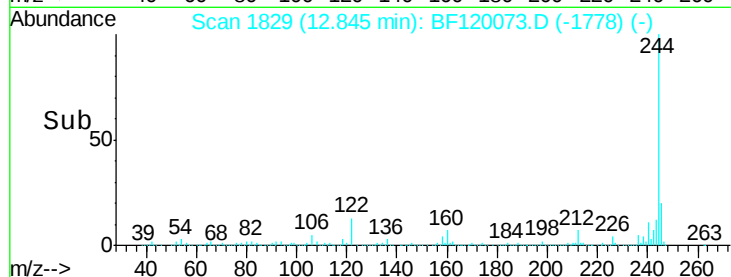
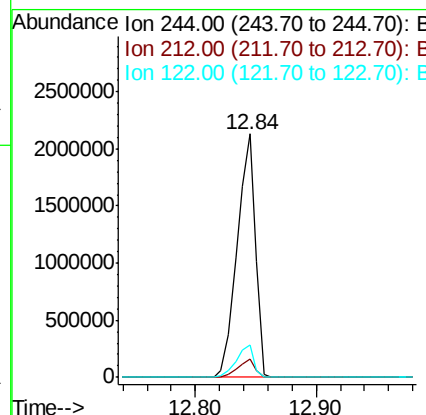
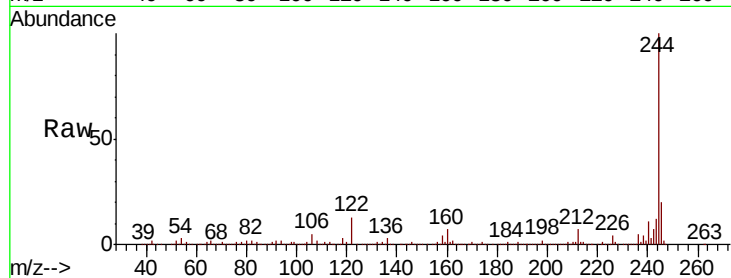
#79
 Terphenyl-d14
 Concen: 63.954 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.4	10.3	15.5

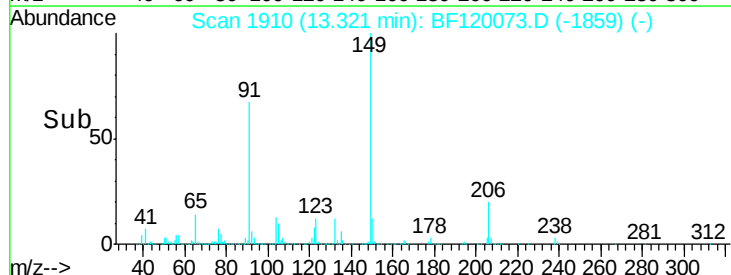
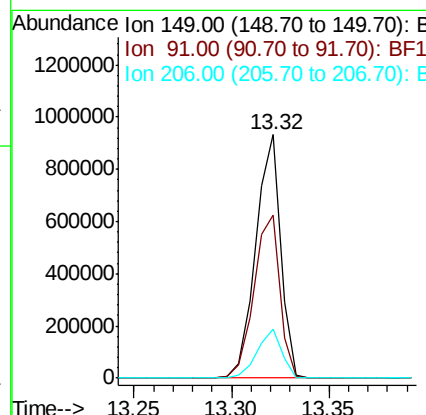
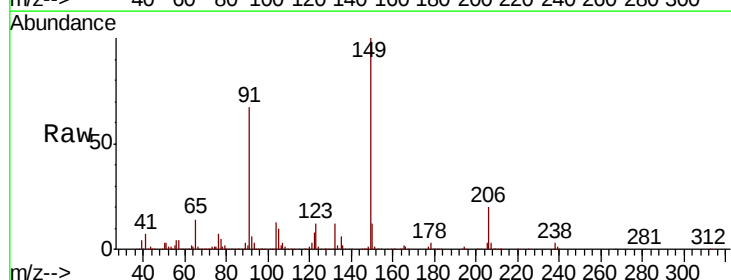
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#80
 Butylbenzylphthalate
 Concen: 34.088 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.8	56.7	85.1
206	20.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 36.472 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1415372

Ion Ratio Lower Upper

228 100

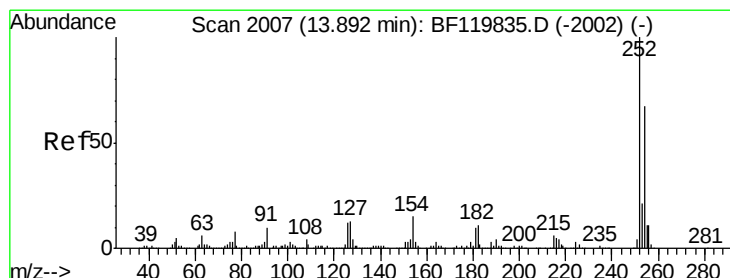
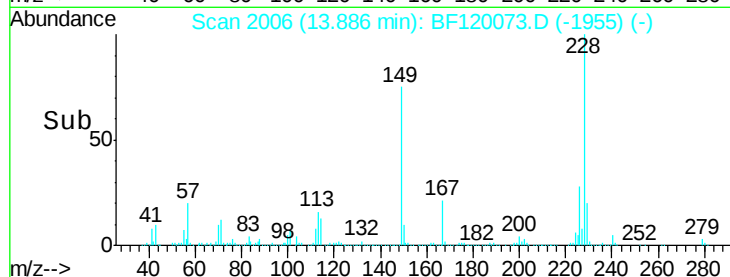
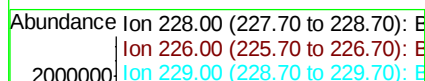
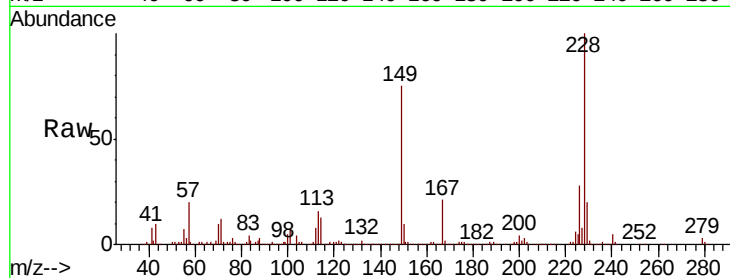
226 27.9 21.9 32.9

229 20.2 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 37.331 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF120073.D

Acq: 20 Apr 2020 13:08

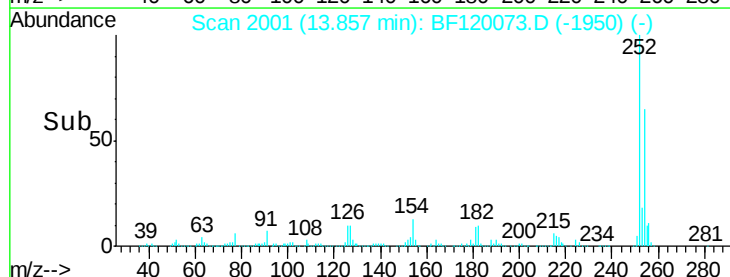
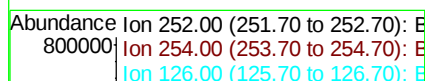
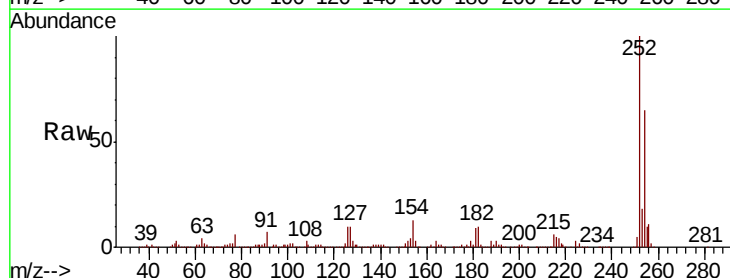
Tgt Ion:252 Resp: 540549

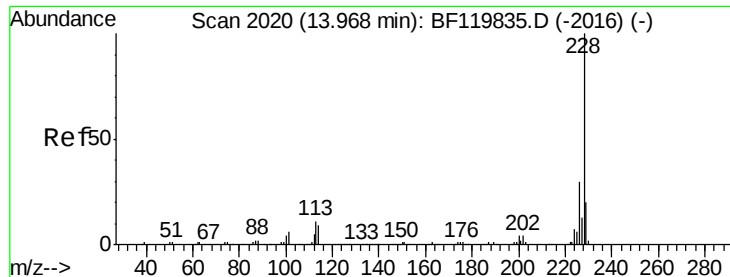
Ion Ratio Lower Upper

252 100

254 64.5 53.9 80.9

126 10.1 9.7 14.5





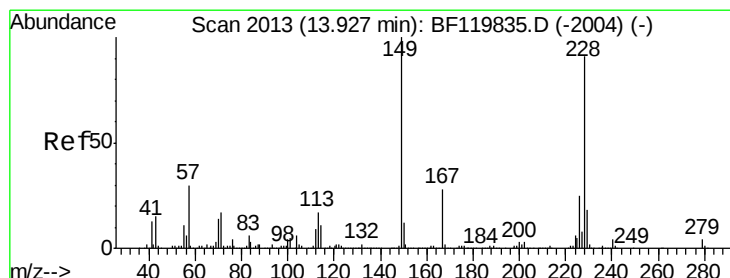
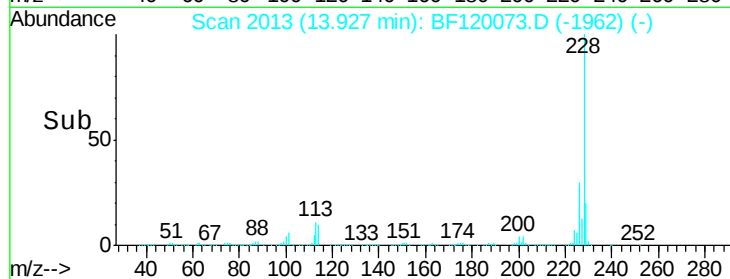
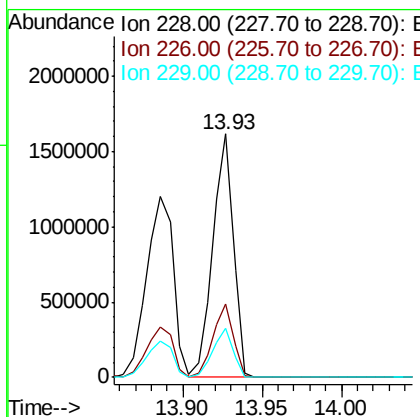
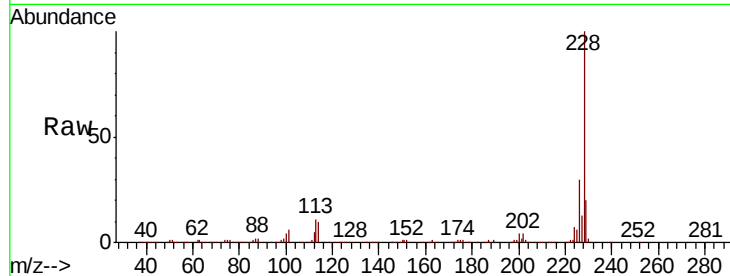
#83
 Chrvsene
 Concen: 37.062 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1461404
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.2
 229 20.0 15.9 23.9

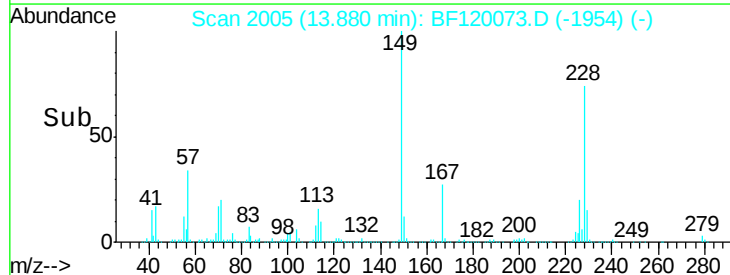
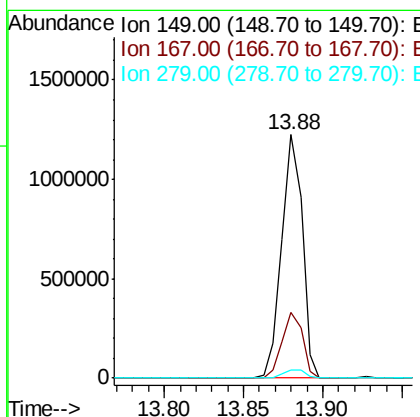
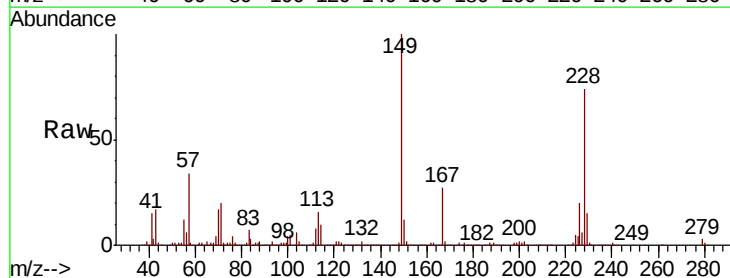
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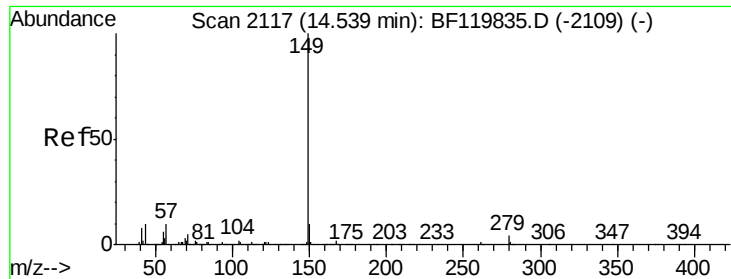
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.066 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF120073.D
 Acq: 20 Apr 2020 13:08

Tgt Ion:149 Resp: 1113177
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 3.3 3.4 5.0#





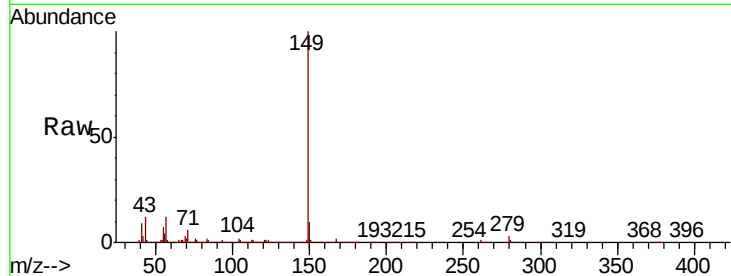
#85
Di-n-octyl phthalate
Concen: 35.283 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

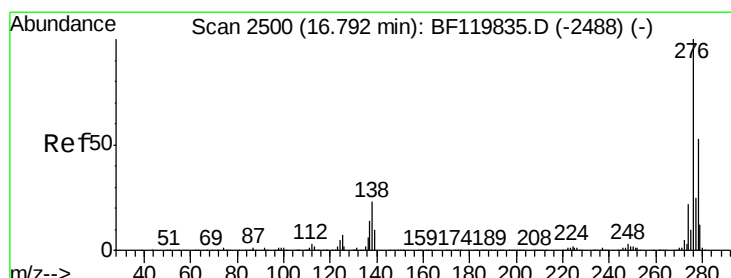
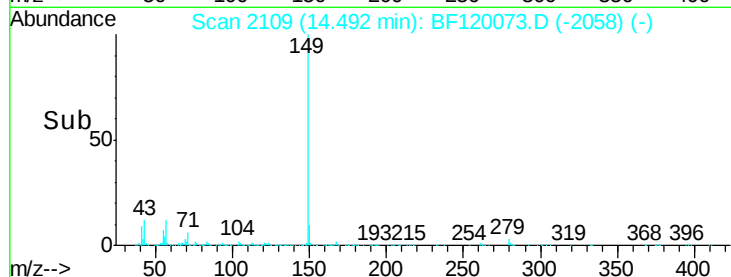
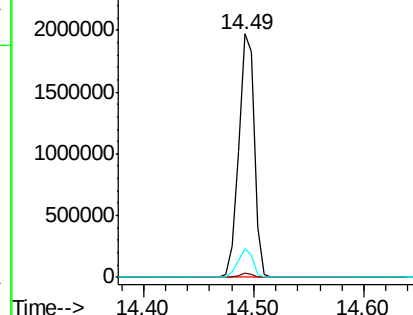
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.4	9.2	13.8

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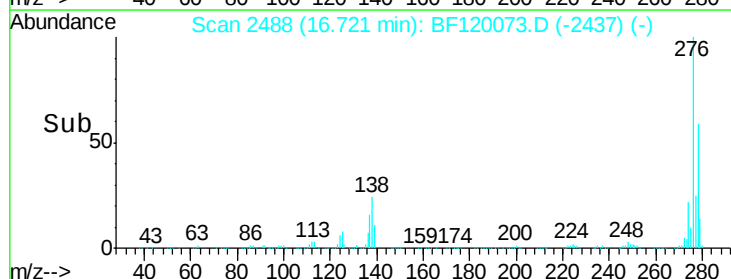
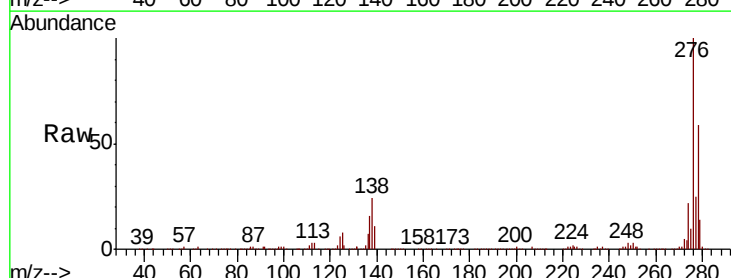
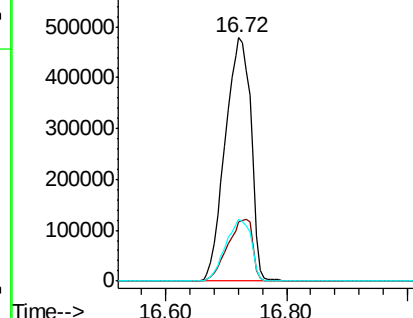
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

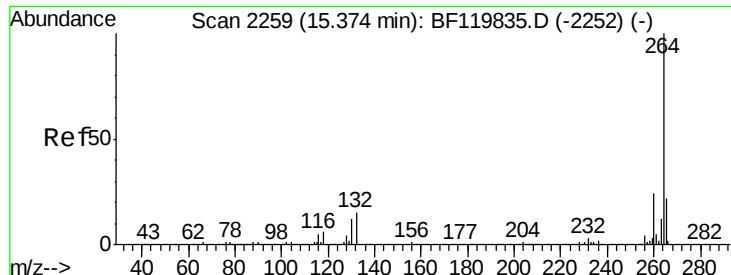


#86
Indeno(1,2,3-cd)pyrene
Concen: 41.005 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.0	27.0
277	25.3	20.1	30.1

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





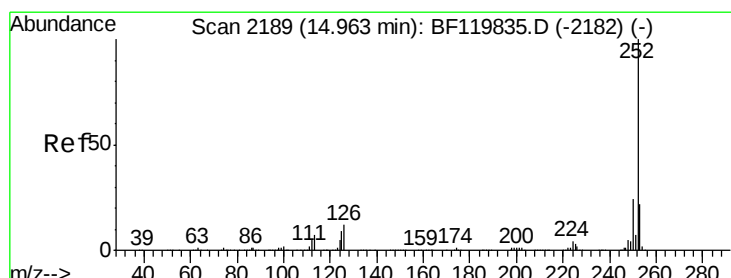
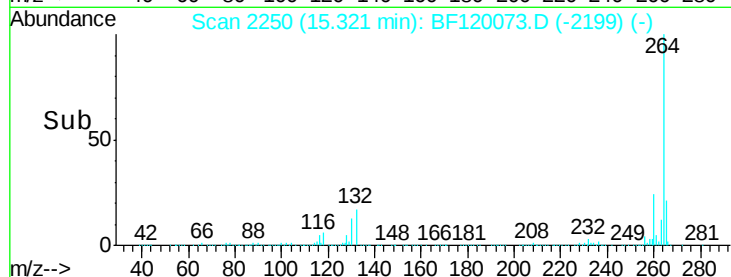
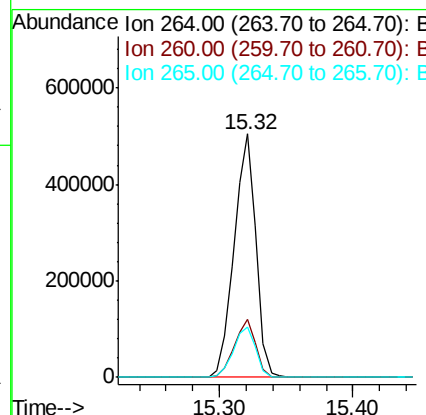
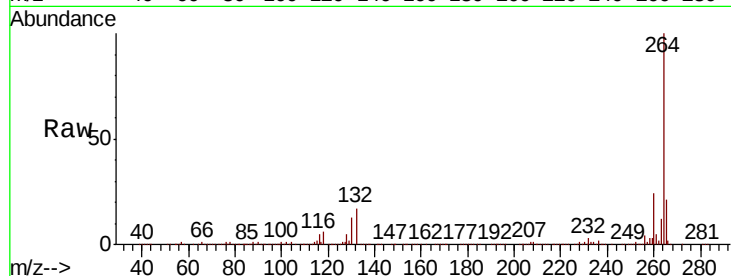
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	20.7	17.6	26.4

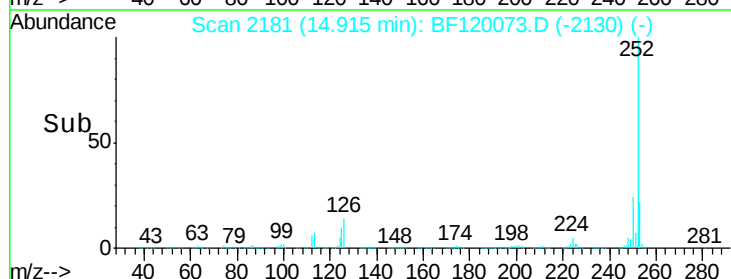
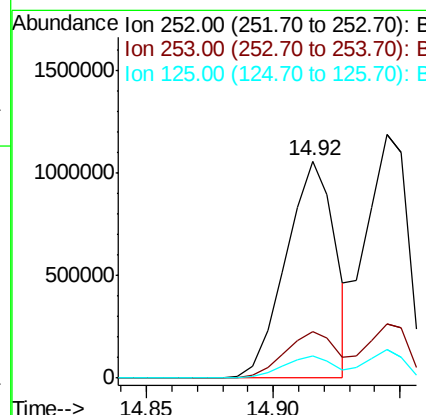
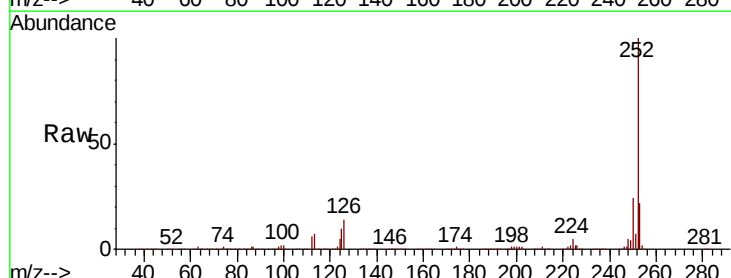
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#88
Benzo(b)fluoranthene
Concen: 34.421 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.4	7.4	11.2





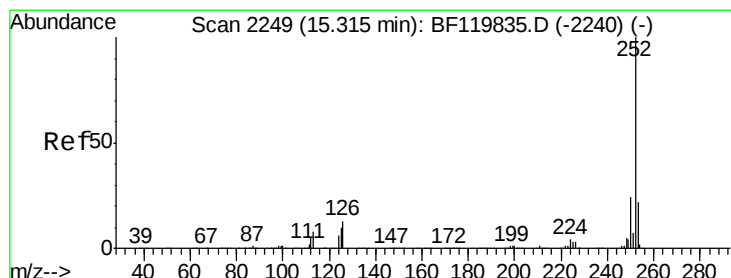
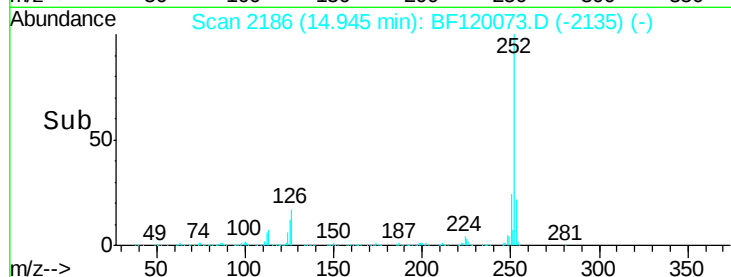
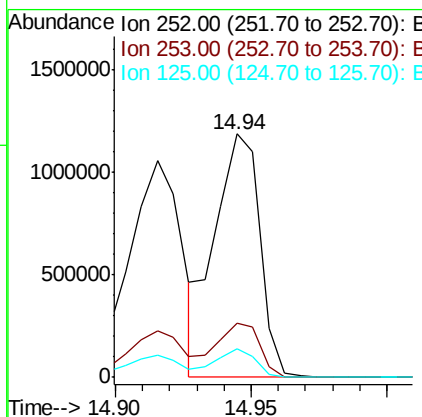
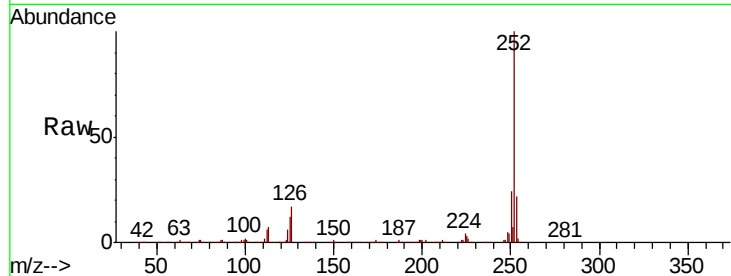
#89
Benzo(k)fluoranthene
Concen: 38.024 ng m
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1367033
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.8 7.7 11.5#

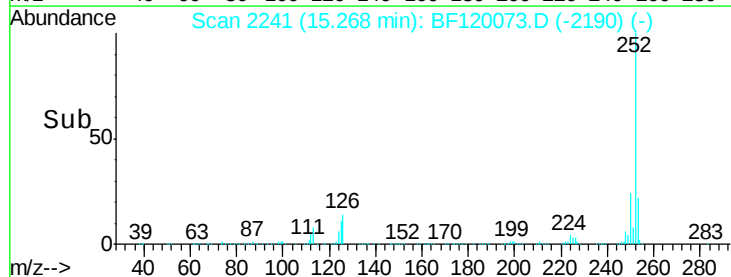
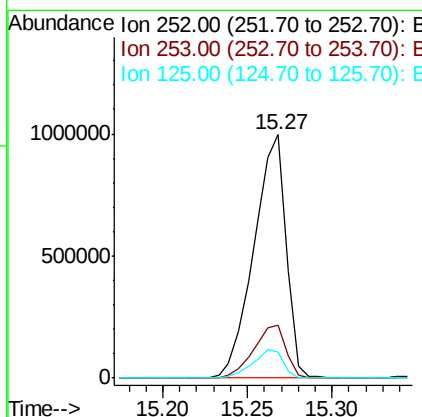
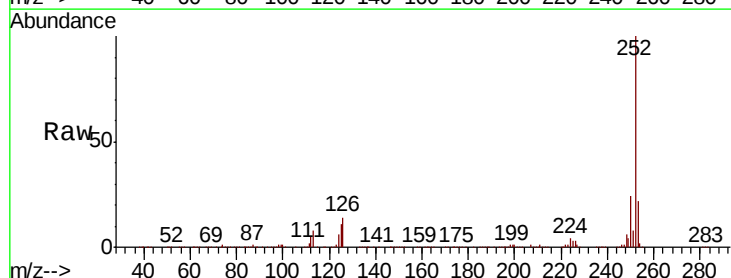
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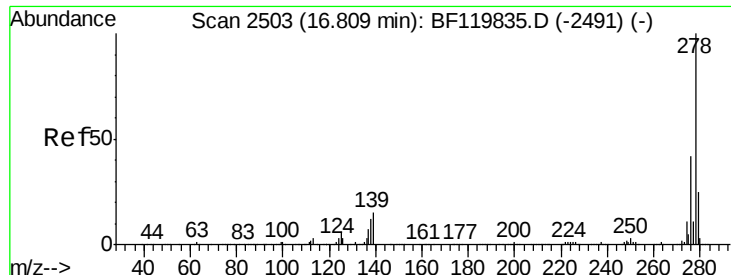
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#90
Benzo(a)pyrene
Concen: 37.552 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion:252 Resp: 1315627
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.8 8.3 12.5





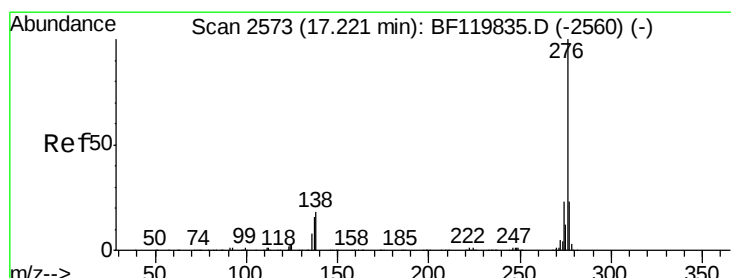
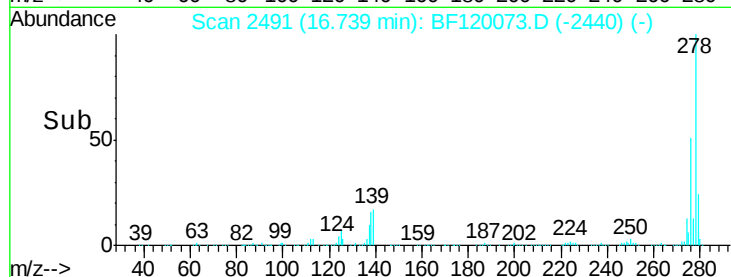
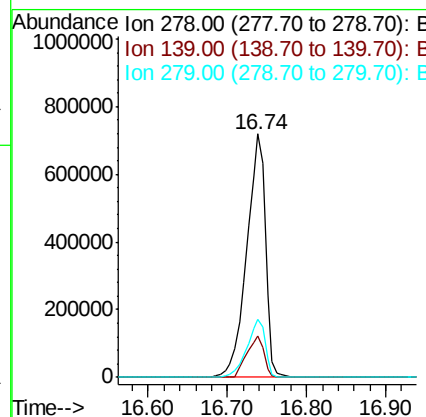
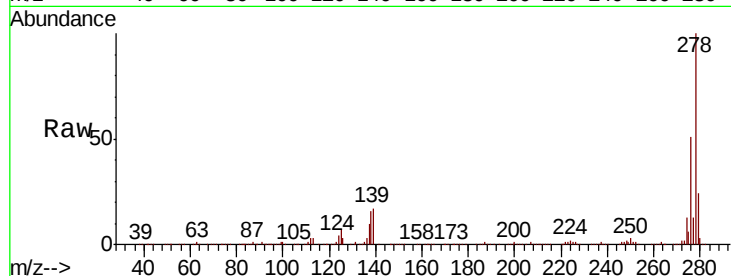
#91
Dibenzo(a,h)anthracene
Concen: 37.955 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.6	17.4
279	23.8	19.7	29.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 37.122 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF120073.D
Acq: 20 Apr 2020 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	19.8	14.6	22.0

