

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120133.D
 Acq On : 22 Apr 2020 16:10
 Operator : MA/SJ
 Sample : PB128402BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:17:59 AM

Quant Time: Apr 22 16:41:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	133224	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	511133	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	256158	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	488879	20.00	ng	0.00
76) Chrysene-d12	13.84	240	355150	20.00	ng	0.00
87) Perylene-d12	15.25	264	295908	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	720588	93.47	ng	0.00
7) Phenol-d6	6.32	99	903312	90.94	ng	0.00
23) Nitrobenzene-d5	7.25	82	794425	80.41	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	232804	74.23	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1511217	83.76	ng	0.00
79) Terphenyl-d14	12.80	244	1656360	78.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	116046	33.80	ng	97
3) Pyridine	3.05	79	331860	35.23	ng	96
4) n-Nitrosodimethylamine	3.00	42	205305	42.65	ng	97
6) Aniline	6.34	93	443387	34.01	ng	# 80
8) 2-Chlorophenol	6.46	128	399669	46.40	ng	97
9) Benzaldehyde	6.22	77	160994	25.71	ng	99
10) Phenol	6.33	94	514232	45.63	ng	# 76
11) bis(2-Chloroethyl)ether	6.42	93	374239	43.01	ng	98
12) 1,3-Dichlorobenzene	6.62	146	403801	42.82	ng	97
13) 1,4-Dichlorobenzene	6.69	146	407770	42.45	ng	99
14) 1,2-Dichlorobenzene	6.85	146	384668	43.45	ng	99
15) Benzyl Alcohol	6.83	79	324650	42.08	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	653033	38.57	ng	96
17) 2-Methylphenol	6.95	107	322559	41.96	ng	97
18) Hexachloroethane	7.19	117	152758	42.55	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	272981	42.74	ng	99
20) 3+4-Methylphenols	7.10	107	404617	43.04	ng	93
22) Acetophenone	7.09	105	534309	44.64	ng	93
24) Nitrobenzene	7.26	77	416418	41.90	ng	97
25) Isophorone	7.50	82	749346	39.34	ng	99
26) 2-Nitrophenol	7.58	139	215898	43.48	ng	96
27) 2,4-Dimethylphenol	7.63	122	335087	44.74	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	465504	41.54	ng	100
29) 2,4-Dichlorophenol	7.83	162	326606	42.55	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	354161	40.72	ng	98
31) Naphthalene	7.99	128	1133201	42.14	ng	98
32) Benzoic acid	7.76	122	254212	38.65	ng	92
33) 4-Chloroaniline	8.04	127	272047	23.24	ng	96
34) Hexachlorobutadiene	8.10	225	198882	38.20	ng	100
35) Caprolactam	8.41	113	101072m	43.04	ng	
36) 4-Chloro-3-methylphenol	8.53	107	353465	42.53	ng	99
37) 2-Methylnaphthalene	8.68	142	762426	41.82	ng	97
38) 1-Methylnaphthalene	8.77	142	716090	41.67	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	333933	41.27	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	336970	73.24	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	230609	41.28	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	245332	38.99	ng	96
46) 1,1'-Biphenyl	9.15	154	909921	42.08	ng	98
47) 2-Chloronaphthalene	9.17	162	699825	42.02	ng	98
48) 2-Nitroaniline	9.27	65	250987	41.58	ng	92
49) Acenaphthylene	9.58	152	1115904	44.05	ng	98
50) Dimethylphthalate	9.45	163	808296	40.80	ng	100
51) 2,6-Dinitrotoluene	9.51	165	182160	41.98	ng	89
52) Acenaphthene	9.76	154	669087	39.60	ng	99
53) 3-Nitroaniline	9.68	138	133954	27.03	ng	86
54) 2,4-Dinitrophenol	9.79	184	204453	78.71	ng	96
55) Dibenzofuran	9.93	168	1006936	43.43	ng	99
56) 4-Nitrophenol	9.86	139	292271	79.27	ng	96
57) 2,4-Dinitrotoluene	9.92	165	240593	42.09	ng	96
58) Fluorene	10.27	166	781817	42.16	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	201832	41.94	ng	99
60) Diethylphthalate	10.15	149	822715	40.06	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	372189	39.16	ng	99
62) 4-Nitroaniline	10.30	138	200769	42.51	ng	98
63) Azobenzene	10.42	77	785518	42.68	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	138041	42.86	ng	99
66) n-Nitrosodiphenylamine	10.39	169	699233	43.01	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	225478	37.09	ng	96
68) Hexachlorobenzene	10.82	284	247514	40.13	ng	99
69) Atrazine	10.92	200	207062	45.77	ng	99
70) Pentachlorophenol	11.02	266	240811	67.75	ng	98
71) Phenanthrene	11.23	178	1126357	43.29	ng	98
72) Anthracene	11.28	178	1166620	43.89	ng	98
73) Carbazole	11.44	167	1069386	42.54	ng	98
74) Di-n-butylphthalate	11.77	149	1292670	39.12	ng	99
75) Fluoranthene	12.42	202	1246568	44.40	ng	98
77) Benzidine	12.54	184	553795	46.13	ng	98
78) Pyrene	12.64	202	1254120	41.89	ng	98
80) Butylbenzylphthalate	13.27	149	536167	36.91	ng	100
81) Benzo(a)anthracene	13.83	228	1001223	42.85	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	255310	29.29	ng	99
83) Chrysene	13.87	228	1021833	43.04	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	703348	35.75	ng	99
85) Di-n-octyl phthalate	14.44	149	1193005	35.61	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	795641	38.02	ng	100
88) Benzo(b)fluoranthene	14.86	252	908508	42.68	ng	99
89) Benzo(k)fluoranthene	14.89	252	861769	46.92	ng	99
90) Benzo(a)pyrene	15.20	252	772873	43.18	ng	98
91) Dibenzo(a,h)anthracene	16.63	278	672488	42.42	ng	97
92) Benzo(g,h,i)perylene	17.03	276	649453	41.50	ng	98

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

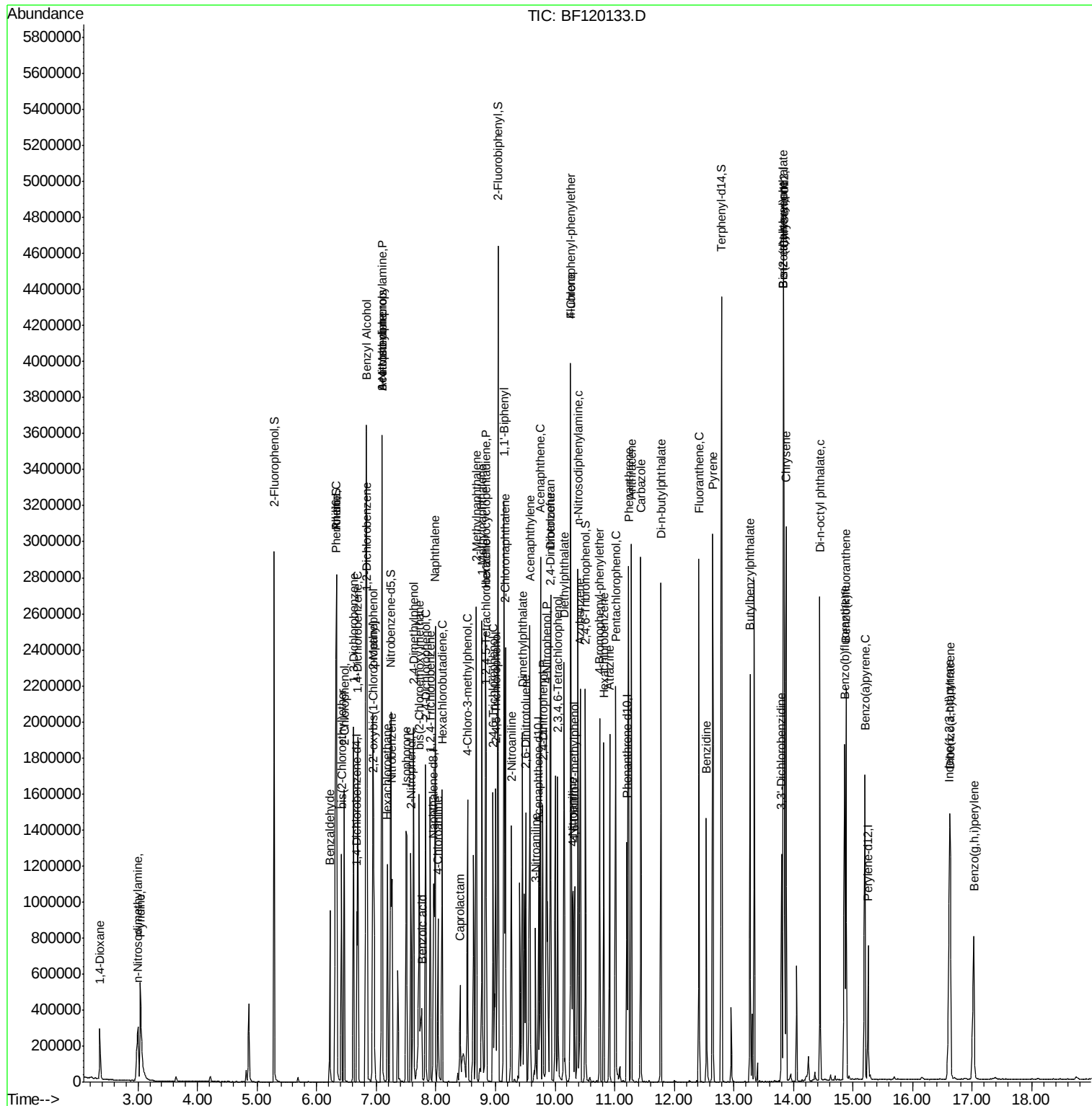
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
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Operator : MA/SJ
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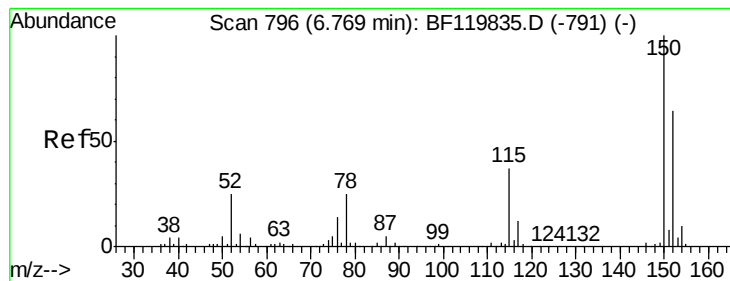
Instrument :
BNA_F
ClientSampleId :
PB128402BS

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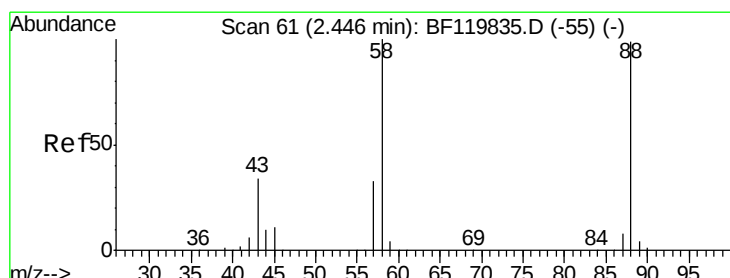
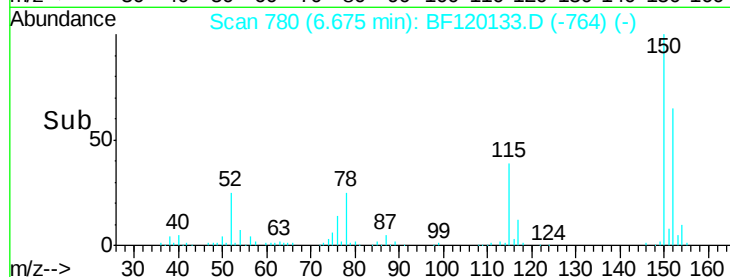
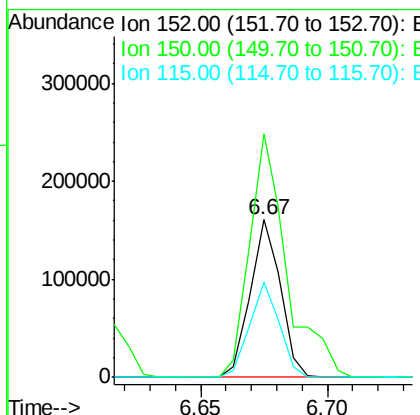
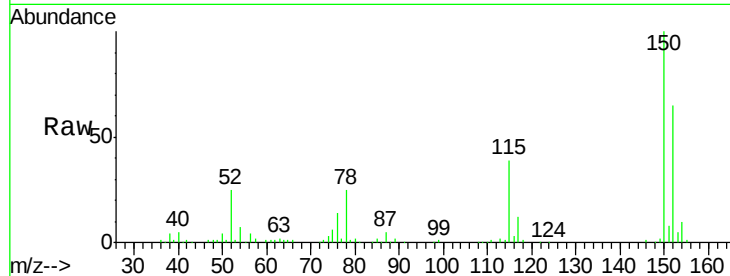
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
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 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.5	186.7
115	60.8	49.6	74.4

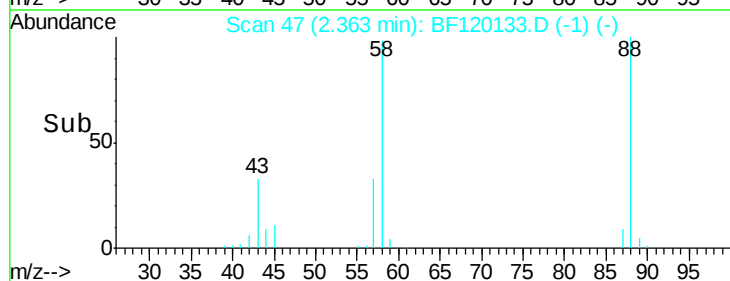
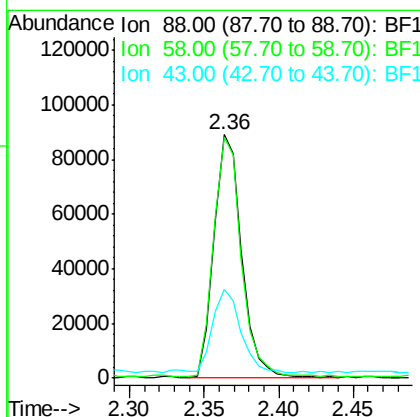
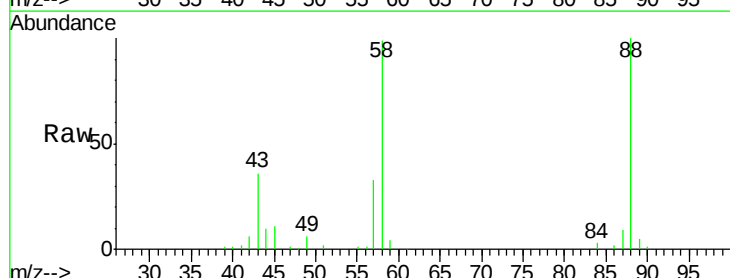
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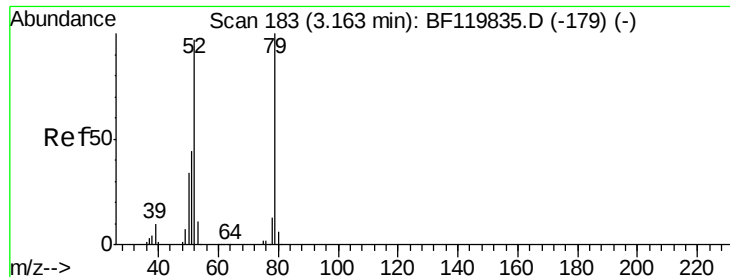
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#2
 1,4-Dioxane
 Concen: 33.80 ng
 RT: 2.36 min Scan# 47
 Delta R.T. 0.08 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	80.6	121.0
43	35.7	27.5	41.3





#3

Pyridine

Concen: 35.23 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.08 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Instrument :

BNA_F

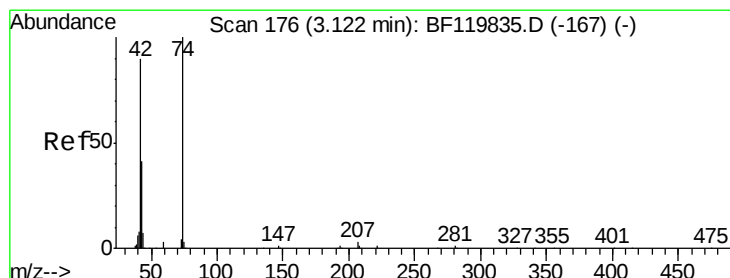
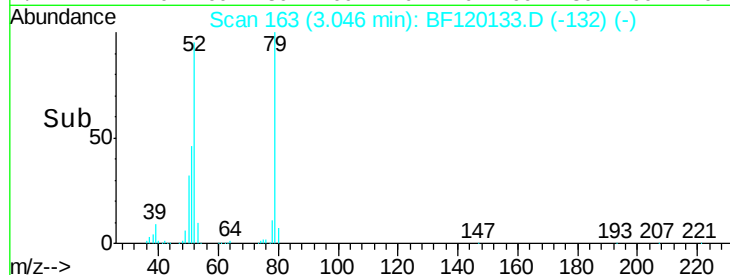
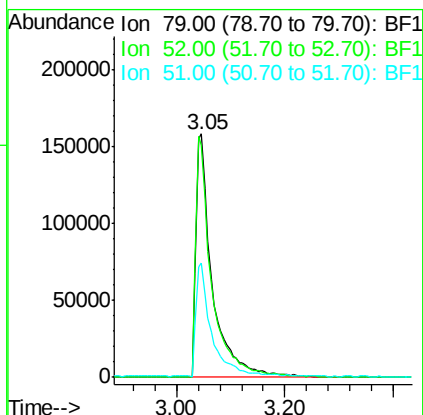
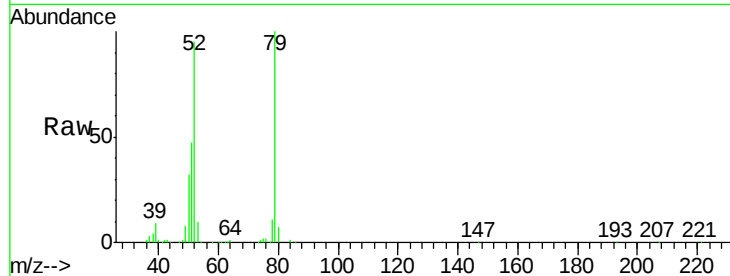
ClientSampleId :

PB128402BS

Tgt Ion:	79	Resp:	331860
Ion	Ratio	Lower	Upper
79	100		
52	95.2	80.2	120.2
51	46.7	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 42.65 ng

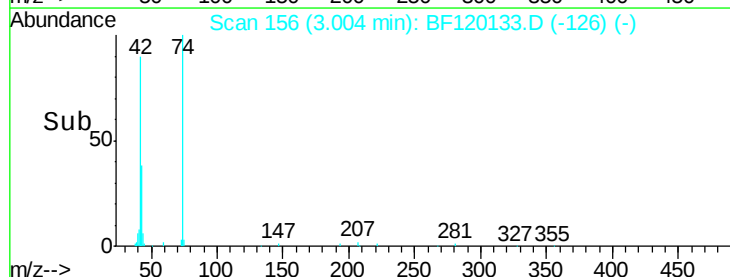
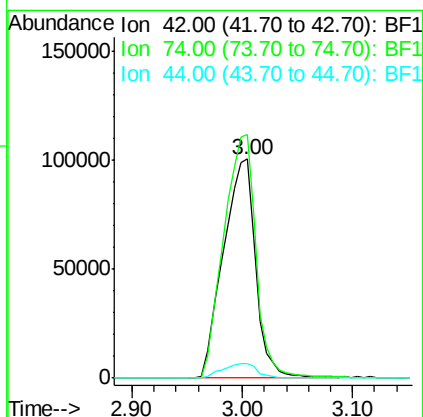
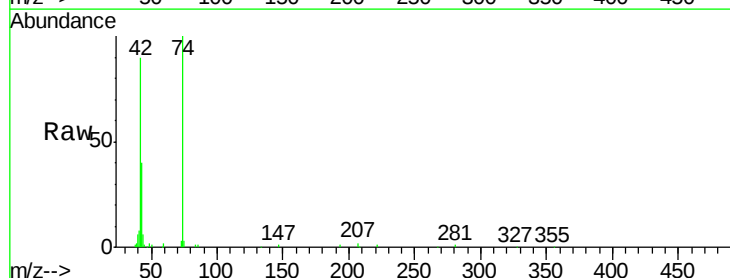
RT: 3.00 min Scan# 156

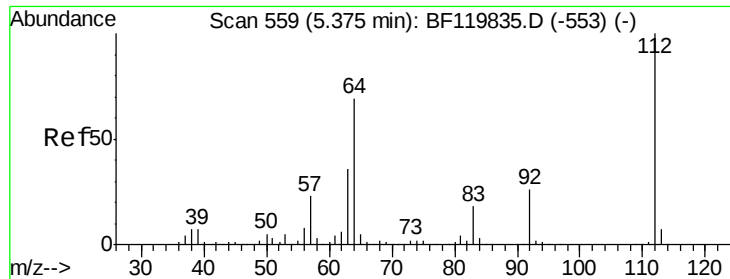
Delta R.T. 0.08 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Tgt Ion:	42	Resp:	205305
Ion	Ratio	Lower	Upper
42	100		
74	111.3	91.5	137.3
44	6.9	6.2	9.4





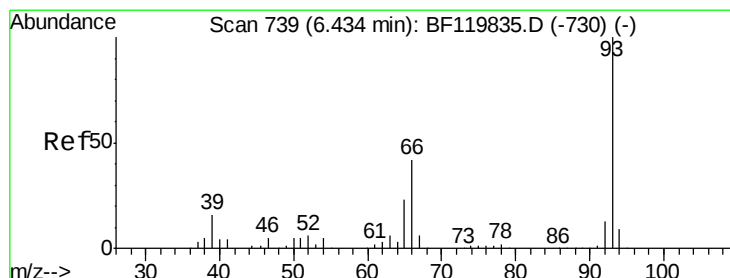
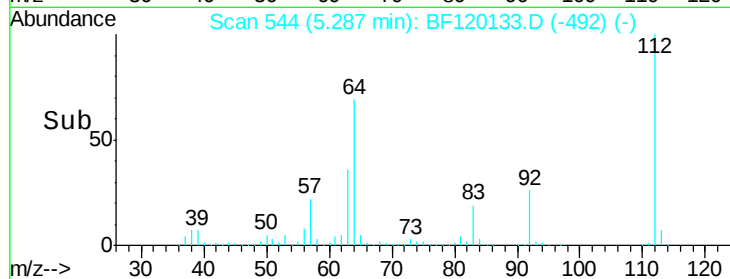
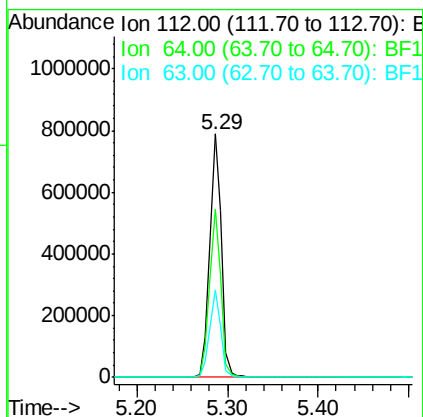
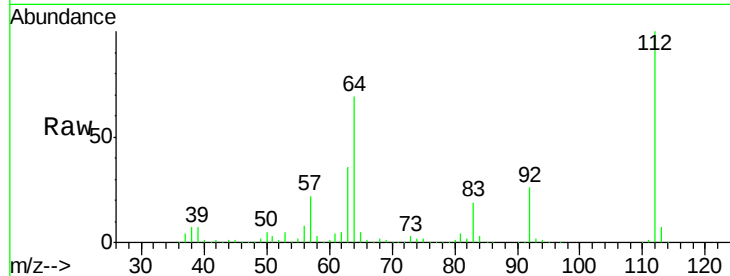
#5
2-Fluorophenol
Concen: 93.47 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	68.8	56.7	85.1
63	35.7	29.5	44.3

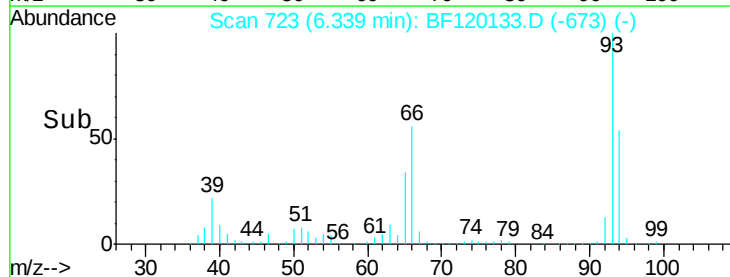
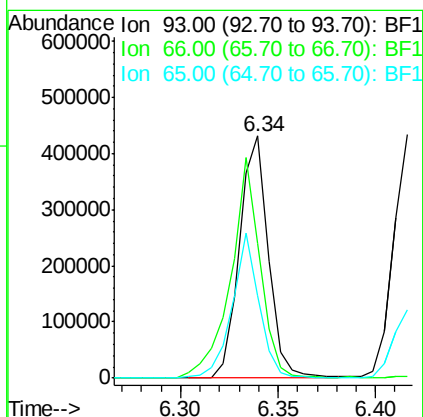
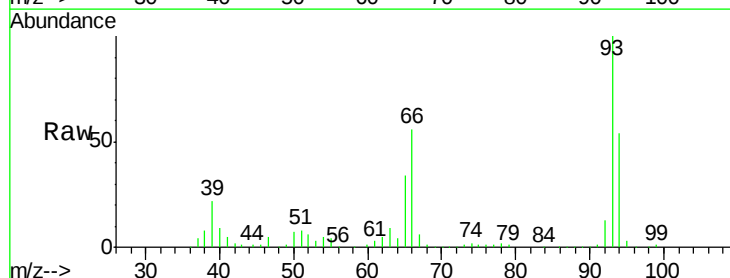
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#6
Aniline
Concen: 34.01 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	56.0	34.9	52.3#
65	34.3	18.6	27.8#





#7

Phenol-d6

Concen: 90.94 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120133.D

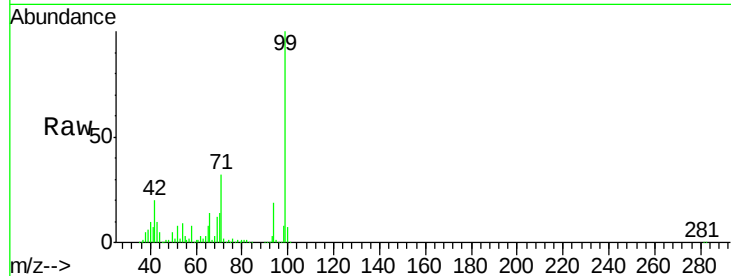
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Instrument :

BNA_F

ClientSampleId :

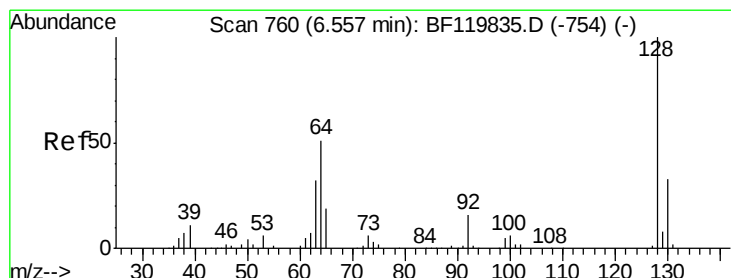
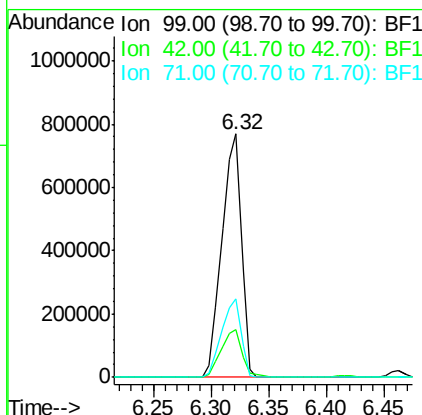
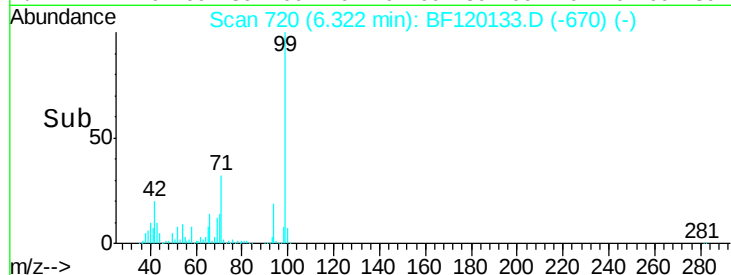
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	903312		
42	19.7	16.6	24.8	
71	32.2	26.4	39.6	

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#8

2-Chlorophenol

Concen: 46.40 ng

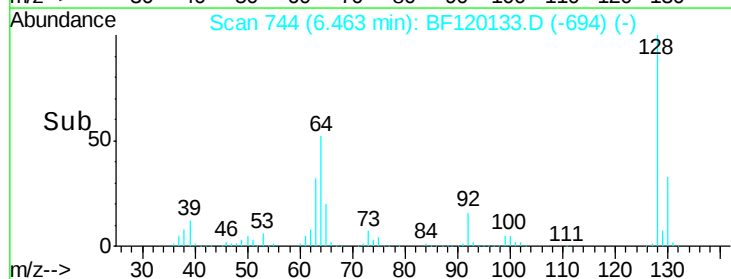
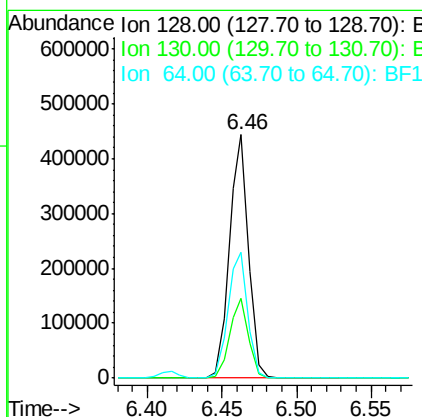
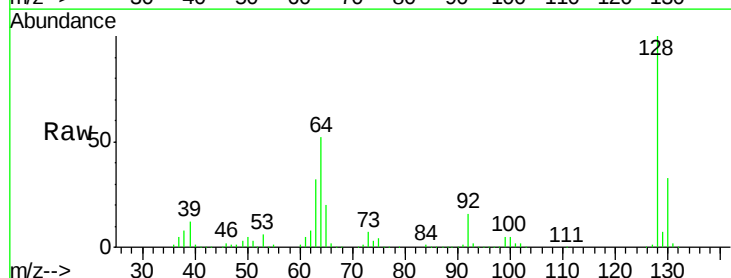
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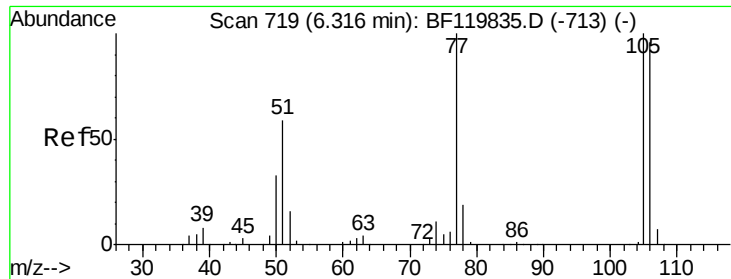
Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	399669		
130	32.5	12.6	52.6	
64	51.7	35.3	75.3	





#9

Benzaldehyde

Concen: 25.71 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Instrument :

BNA_F

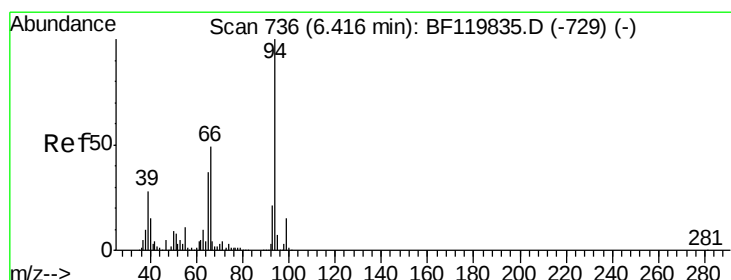
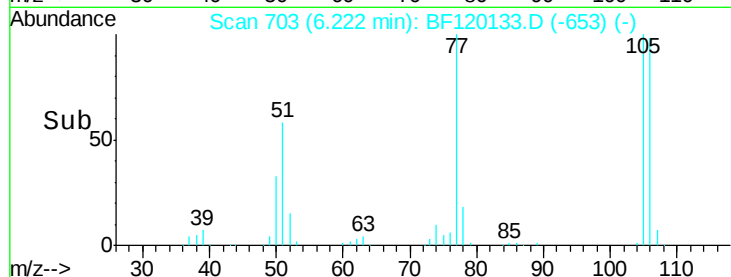
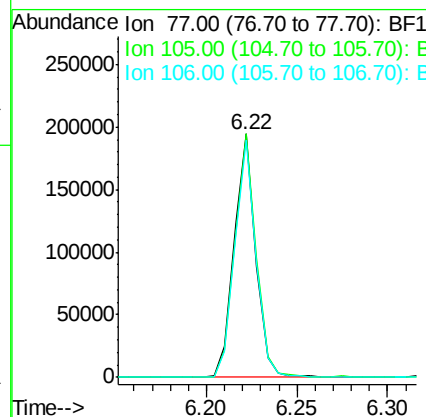
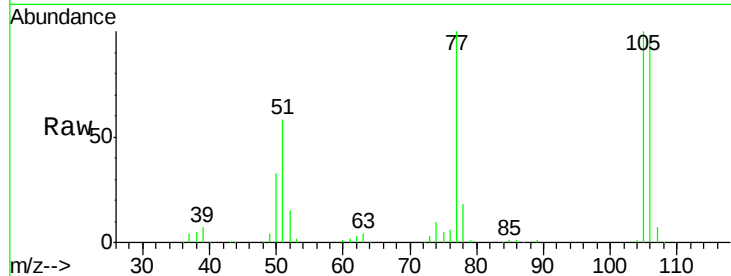
ClientSampled :

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Tgt Ion:	77	Resp:	160994
Ion Ratio	Lower	Upper	
77	100		
105	99.9	80.9	120.9
106	97.5	77.9	117.9

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#10

Phenol

Concen: 45.63 ng

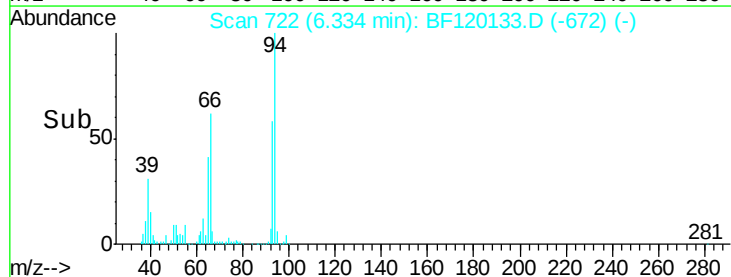
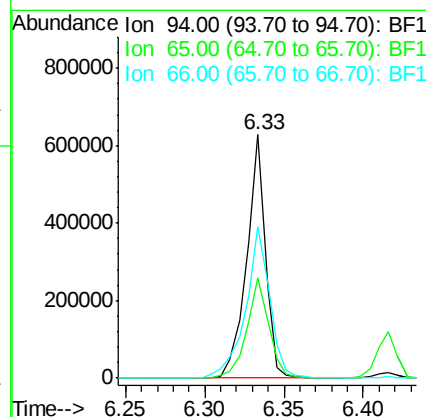
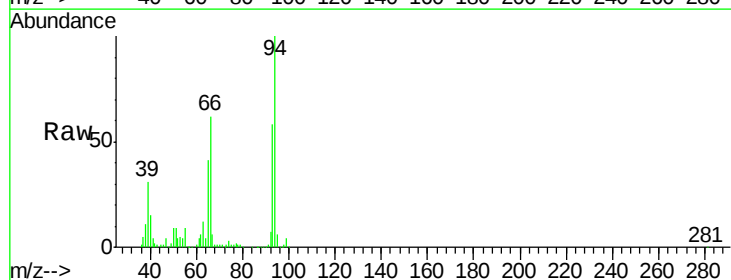
RT: 6.33 min Scan# 722

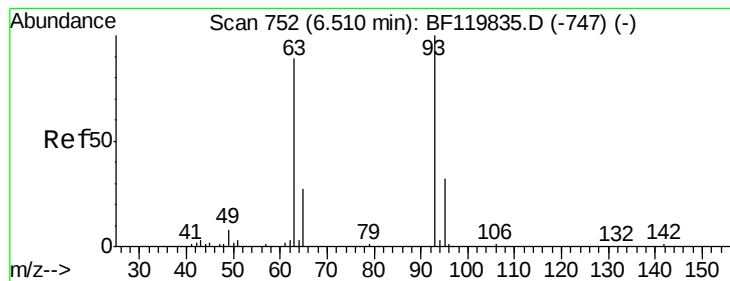
Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Tgt Ion:	94	Resp:	514232
Ion Ratio	Lower	Upper	
94	100		
65	41.1	13.2	53.2
66	62.4	22.3	62.3#





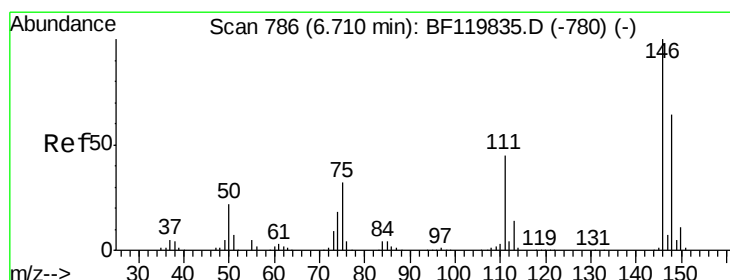
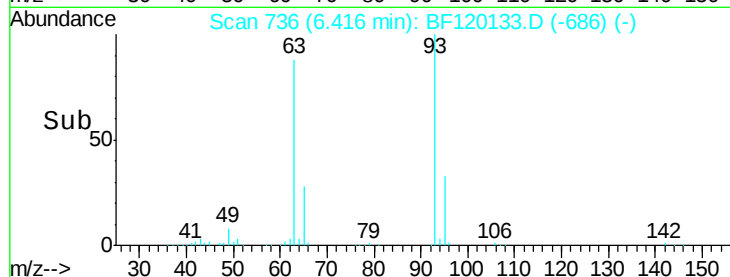
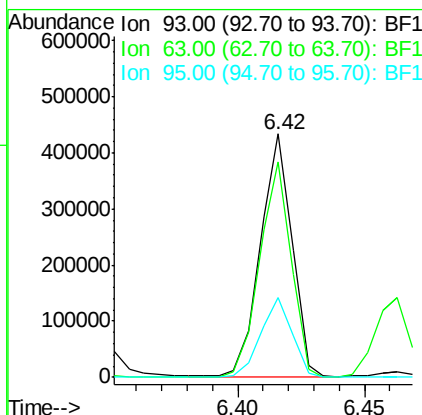
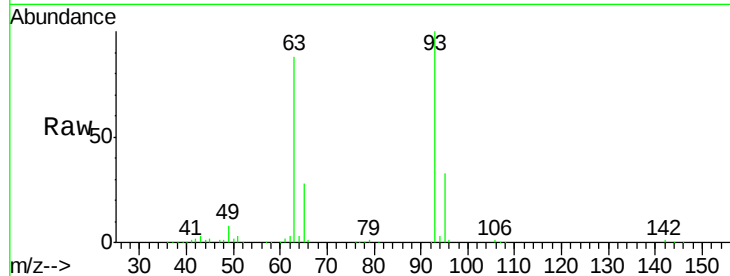
#11
bis(2-Chloroethyl)ether
Concen: 43.01 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.3	70.2	110.2
95	32.9	13.4	53.4

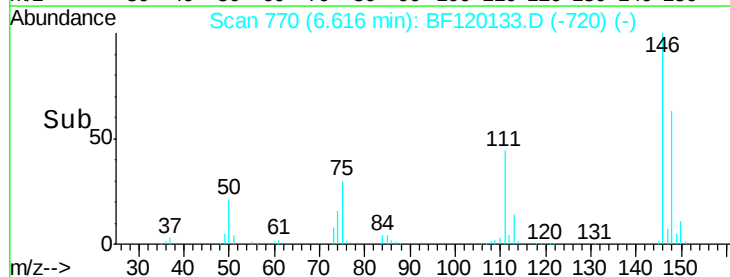
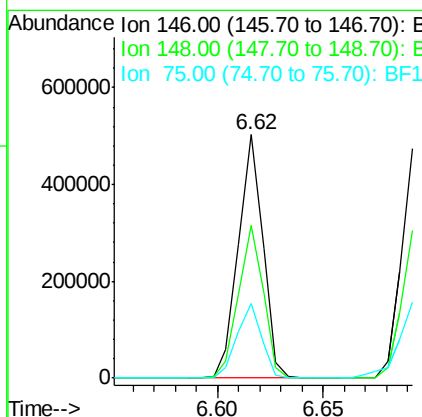
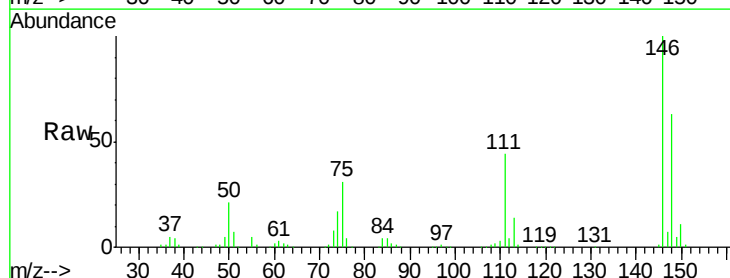
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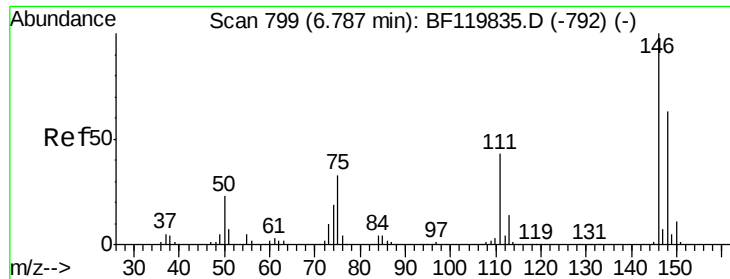
mohammad
4/24/2020 4:17:59 AM



#12
1,3-Dichlorobenzene
Concen: 42.82 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.4
75	30.7	23.0	34.4





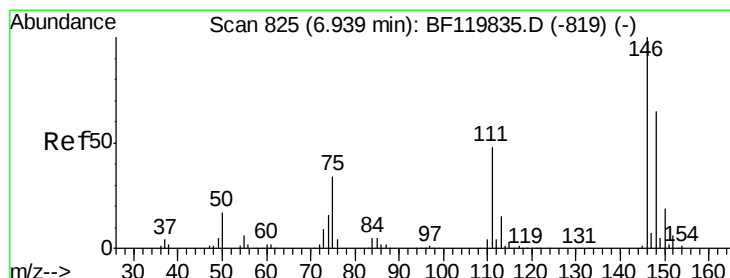
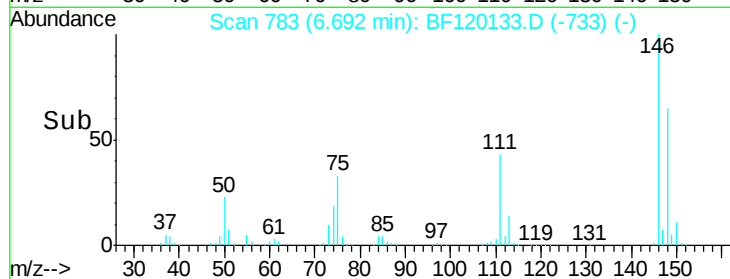
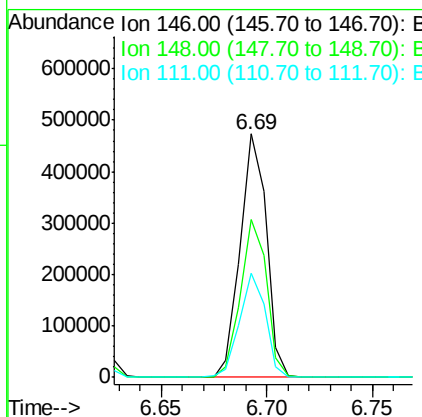
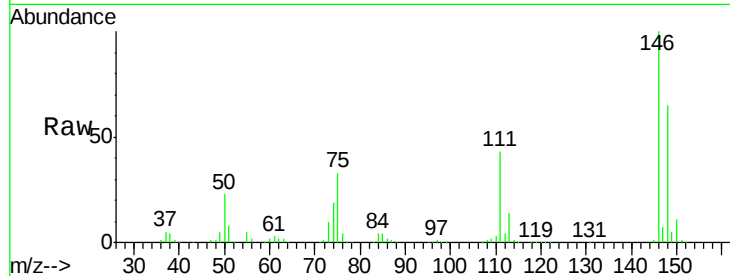
#13
 1,4-Dichlorobenzene
 Concen: 42.45 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	42.8	33.3	49.9

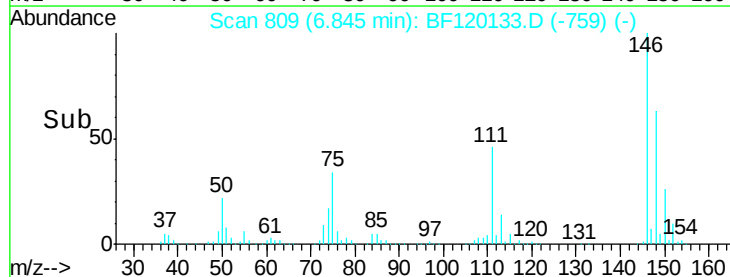
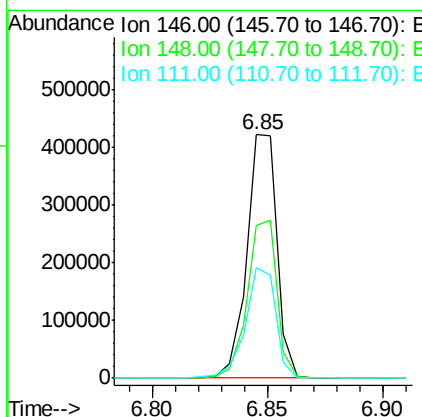
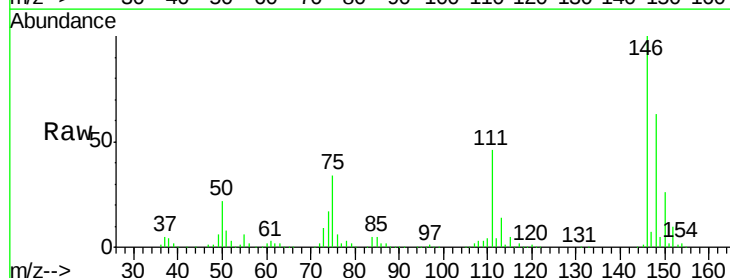
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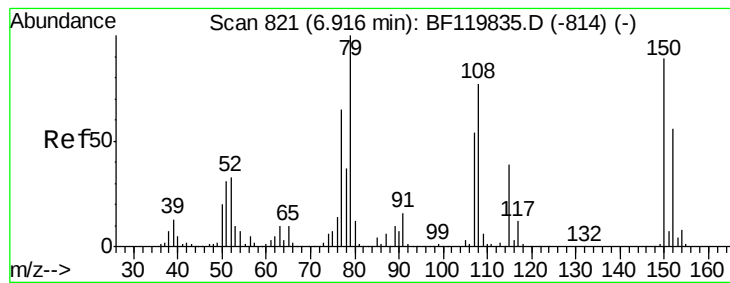
mohammad
 4/24/2020 4:17:59 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.45 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	45.6	36.1	54.1





#15

Benzyl Alcohol

Concen: 42.08 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Instrument :

BNA_F

ClientSampled :

PB128402BS

Tgt Ion: 79 Resp: 324650
Ion Ratio Lower Upper

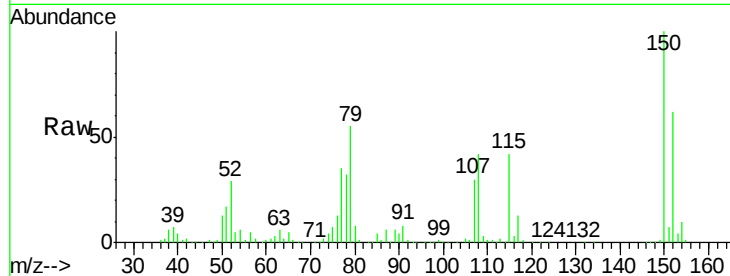
79 100

108 76.4 60.6 90.8

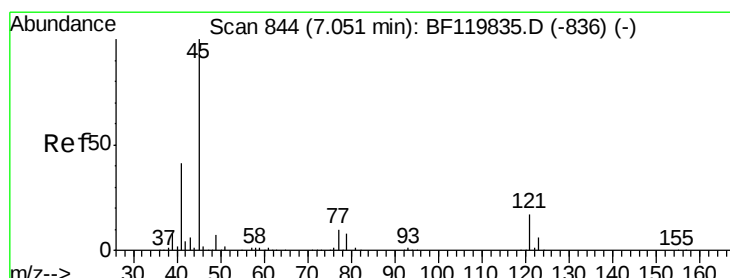
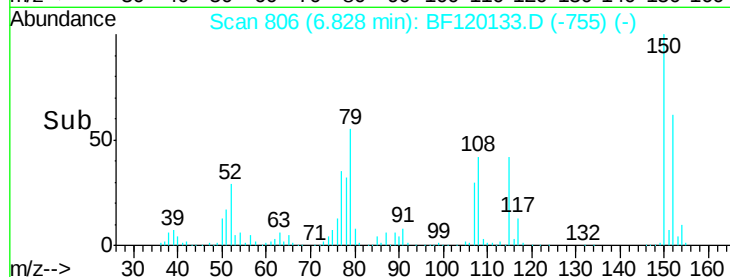
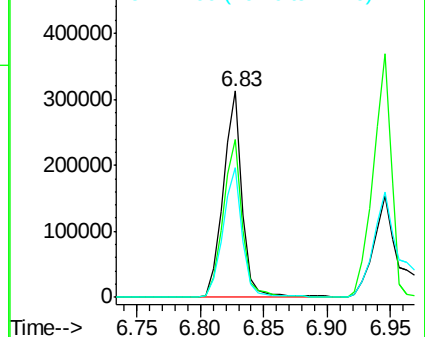
77 62.7 50.2 75.2

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.57 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF120133.D

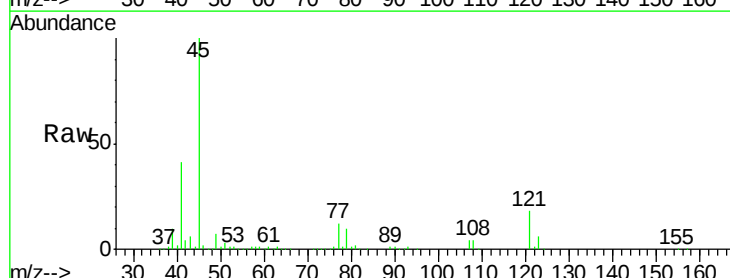
Acq: 22 Apr 2020 16:10

Tgt Ion: 45 Resp: 653033
Ion Ratio Lower Upper

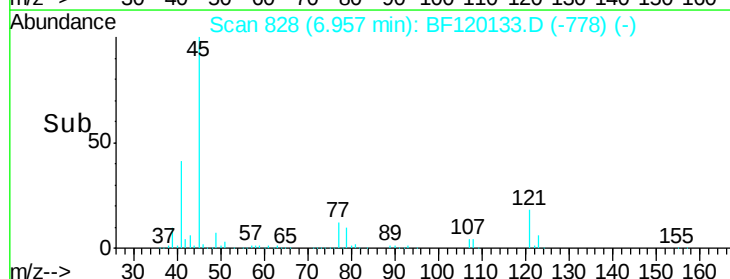
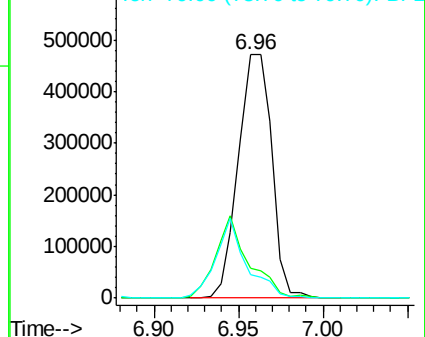
45 100

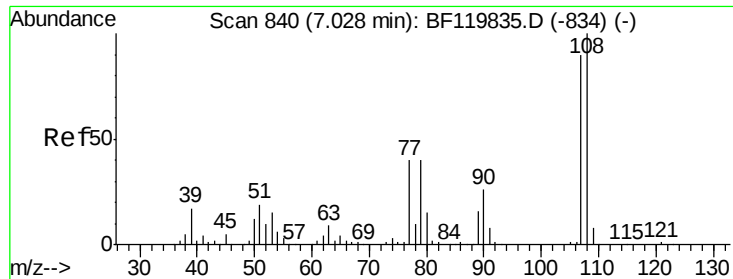
77 12.1 0.0 30.7

79 9.8 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





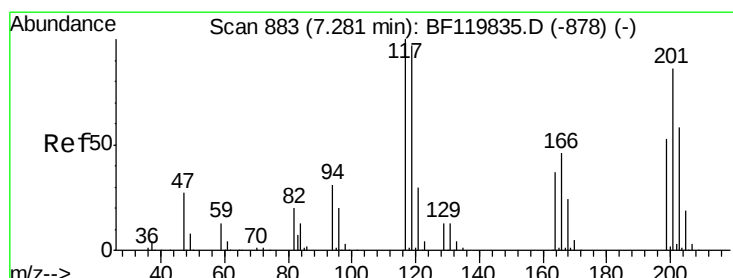
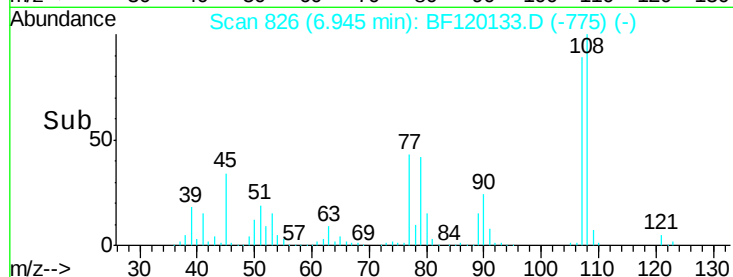
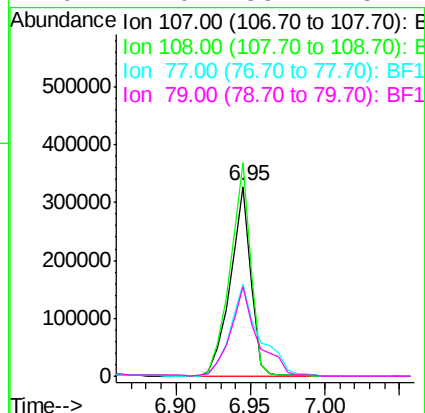
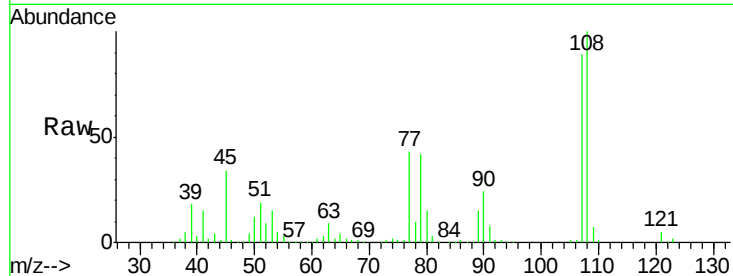
#17
2-Methylphenol
Concen: 41.96 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion:	107	Resp:	322559
Ion Ratio	Lower	Upper	
107	100		
108	112.5	92.2	138.4
77	48.5	36.6	54.8
79	47.0	36.2	54.4

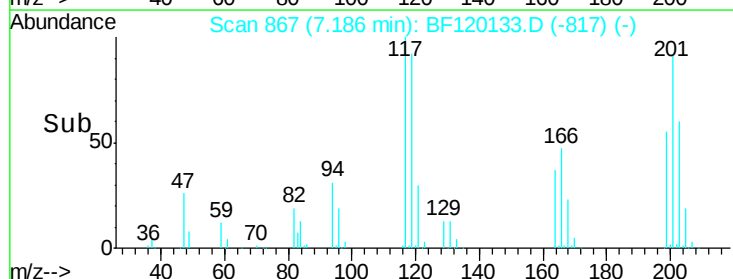
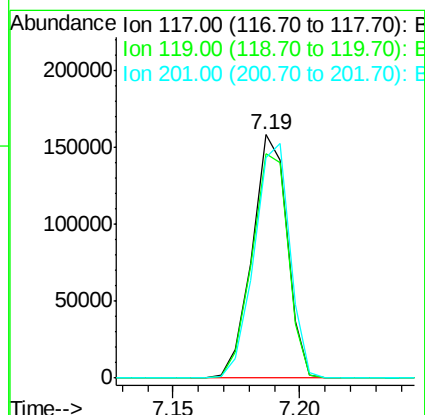
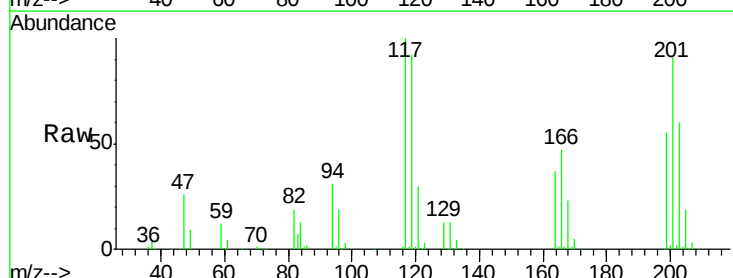
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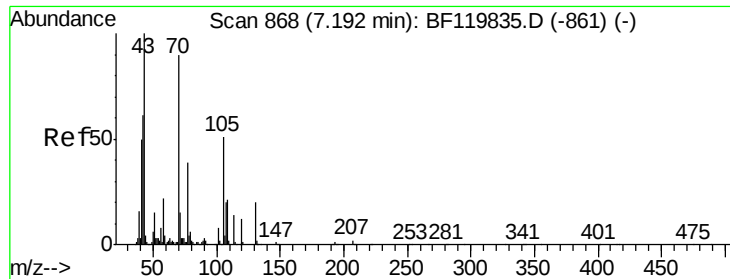
mohammad
4/24/2020 4:17:59 AM



#18
Hexachloroethane
Concen: 42.55 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion:	117	Resp:	152758
Ion Ratio	Lower	Upper	
117	100		
119	92.2	76.1	114.1
201	90.7	73.0	109.6





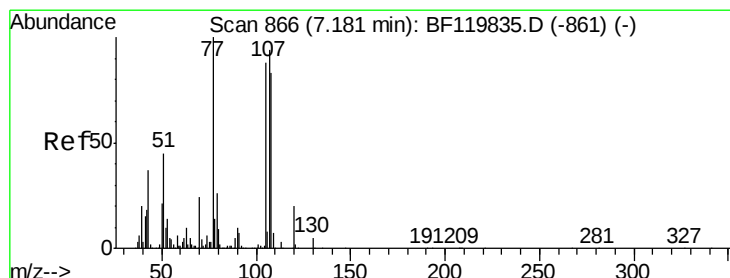
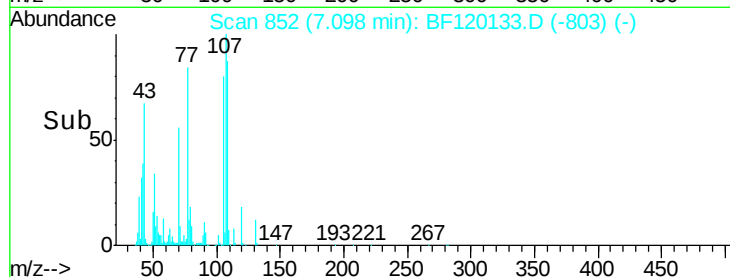
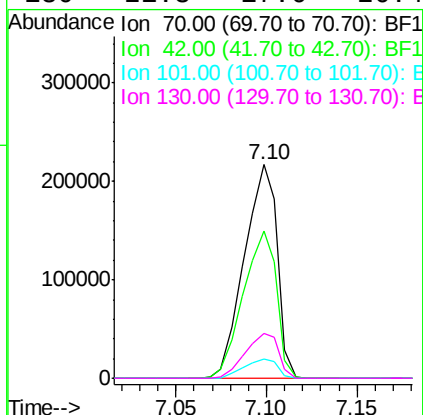
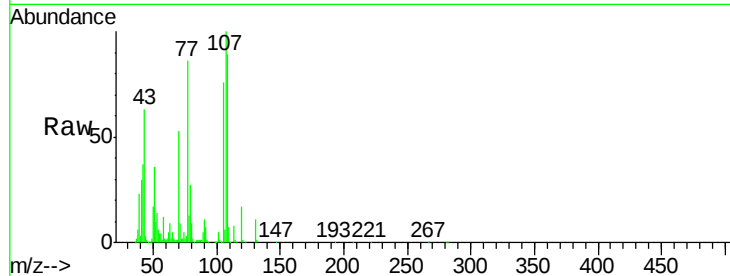
#19
n-Nitroso-di-n-propylamine
Concen: 42.74 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	69.1	54.5	81.7
101	9.2	7.6	11.4
130	21.3	17.6	26.4

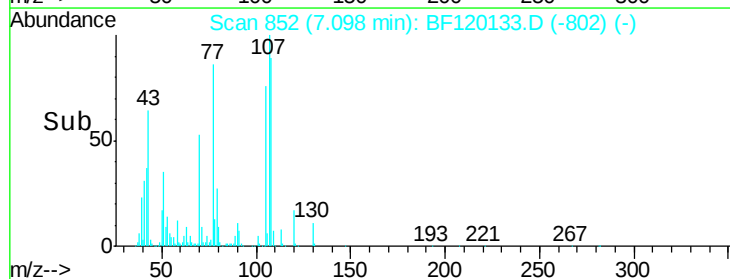
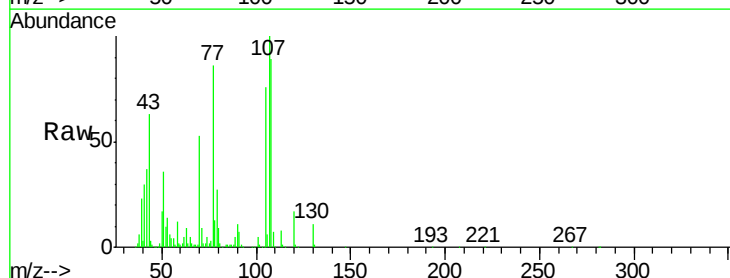
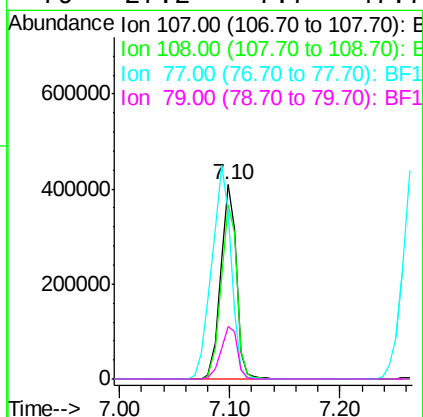
Manual Integrations
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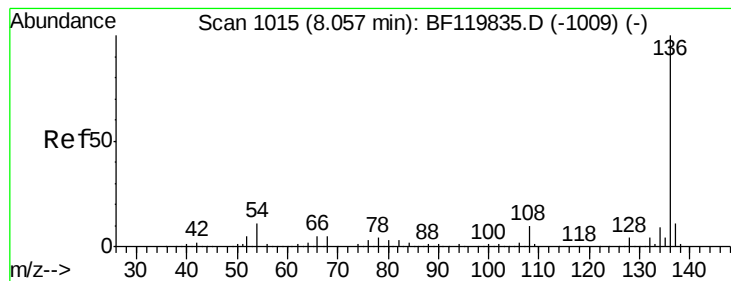
mohammad
4/24/2020 4:17:59 AM



#20
3+4-Methylphenols
Concen: 43.04 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.9	107.9
77	86.1	52.9	92.9
79	27.2	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Instrument :

BNA_F

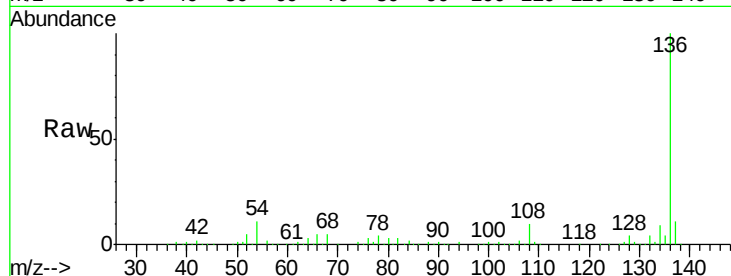
ClientSampleId :

PB128402BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		511133		
137	11.2	8.7	13.1		
54	10.5	9.1	13.7		
68	5.2	4.6	6.8		

Manual Integrations
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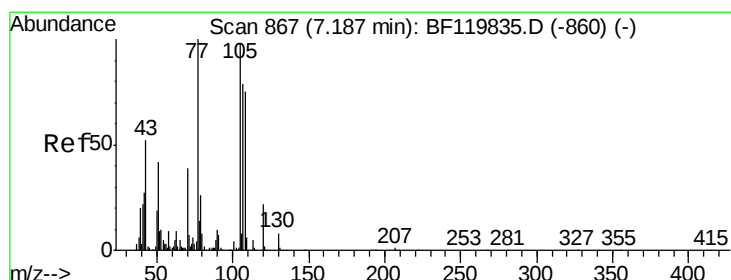
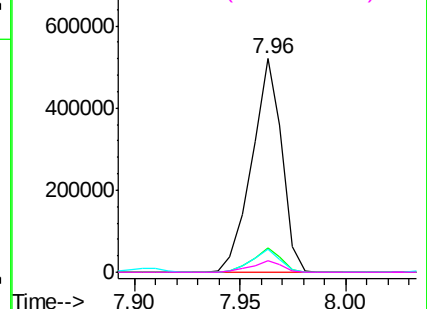
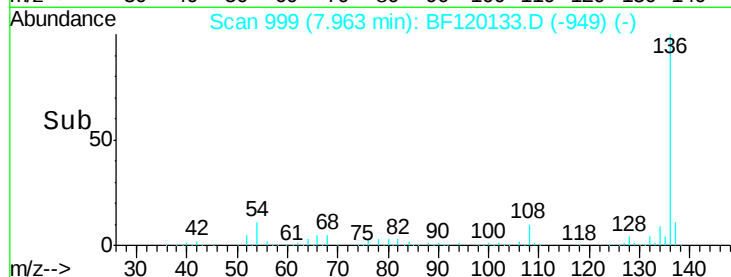


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.64 ng

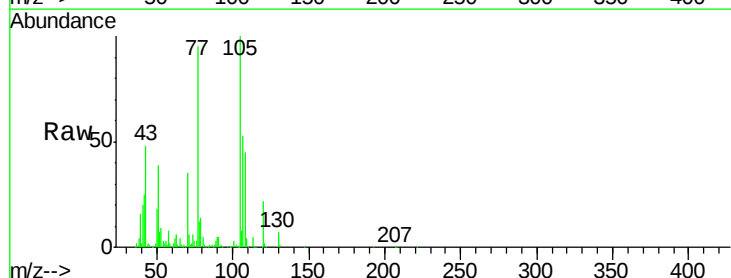
RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		534309		
71	5.8	5.7	8.5		
51	38.7	26.2	39.4		
120	21.6	18.3	27.5		

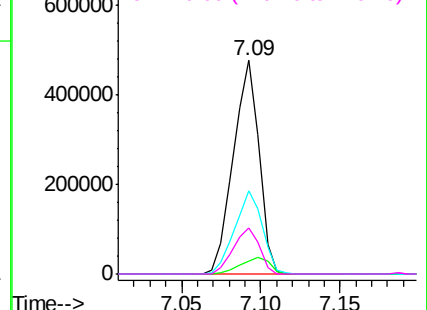
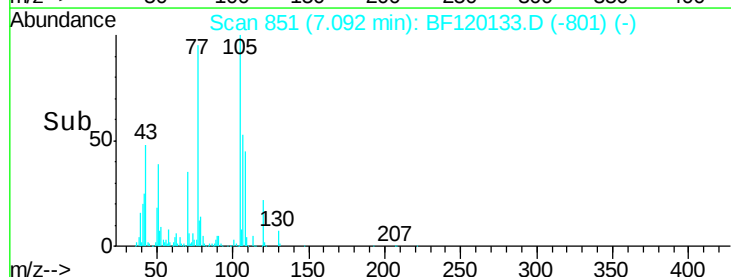


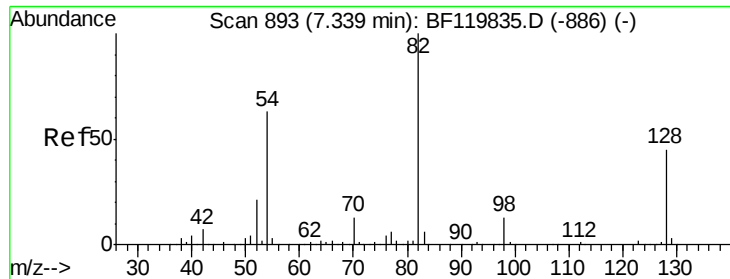
Abundance Ion 105.00 (104.70 to 105.70): E

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





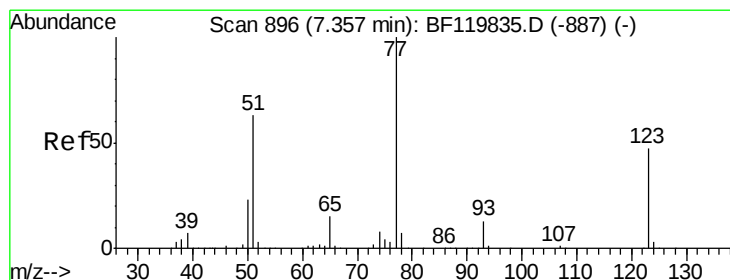
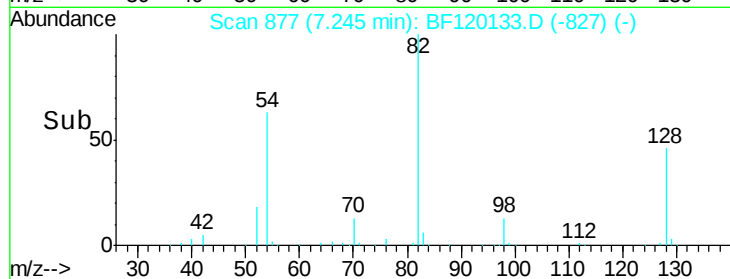
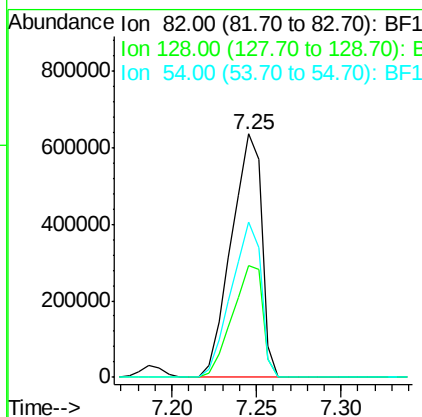
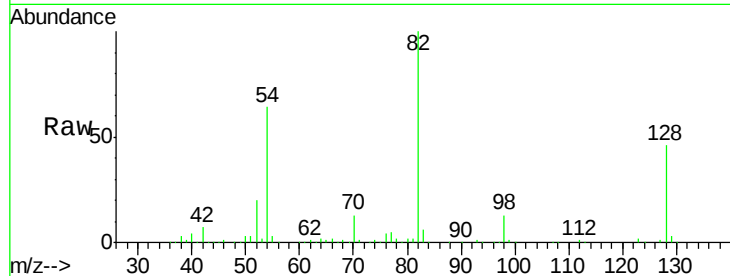
#23
 Nitrobenzene-d5
 Concen: 80.41 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	794425		
128	45.9	36.3	54.5	
54	63.6	50.6	75.8	

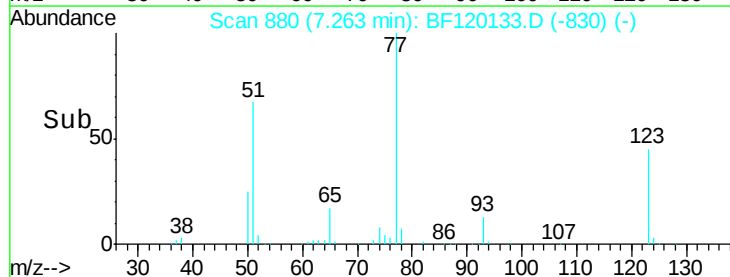
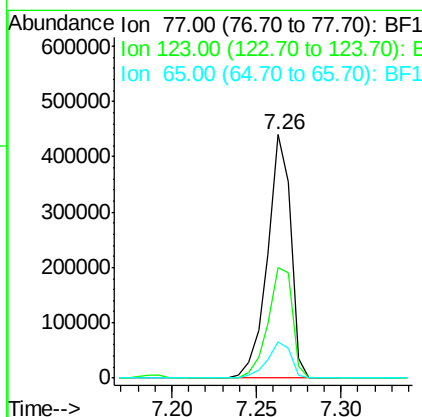
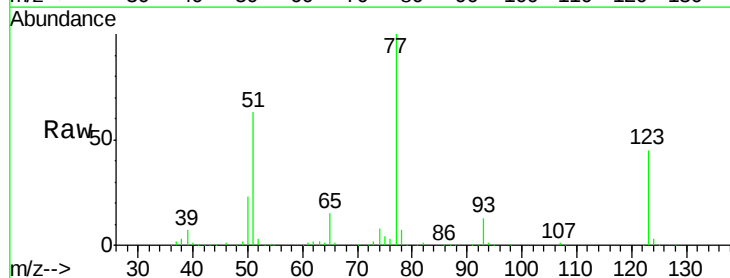
Manual Integrations
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mohammad
 4/24/2020 4:17:59 AM



#24
 Nitrobenzene
 Concen: 41.90 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	416418		
123	45.4	38.0	57.0	
65	15.1	12.6	18.8	





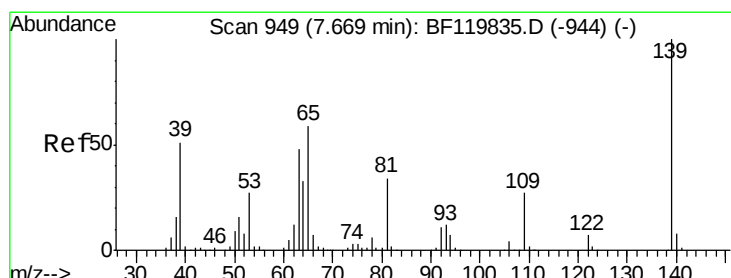
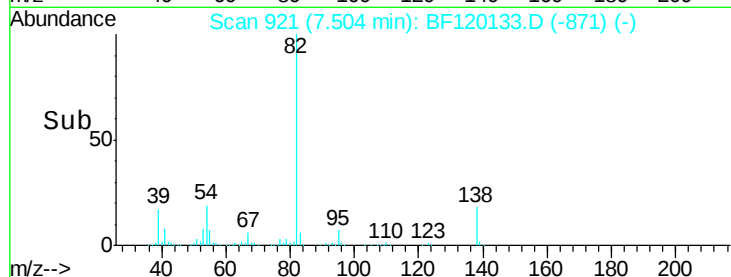
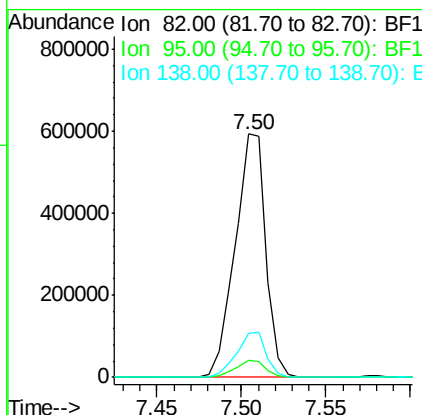
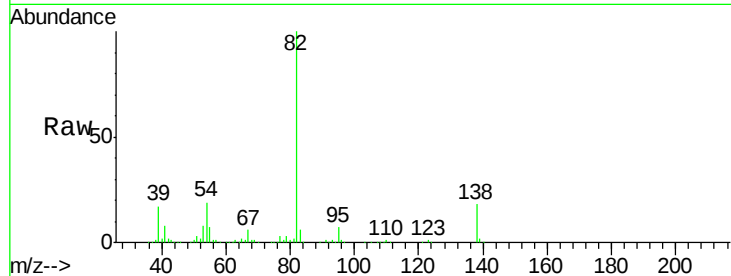
#25
Isophorone
Concen: 39.34 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	749346		
95	6.9	5.8	8.6	
138	17.9	14.6	21.8	

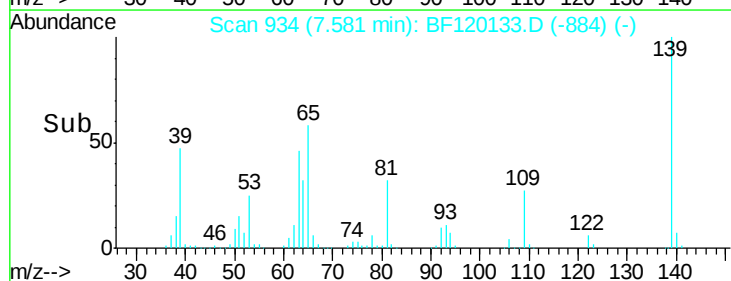
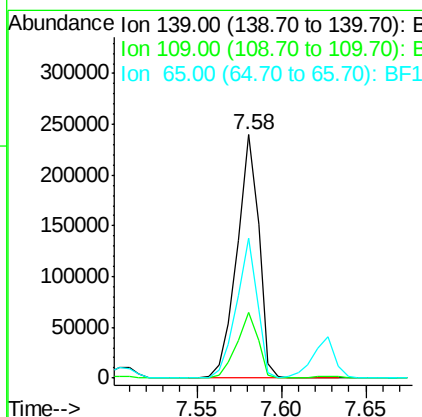
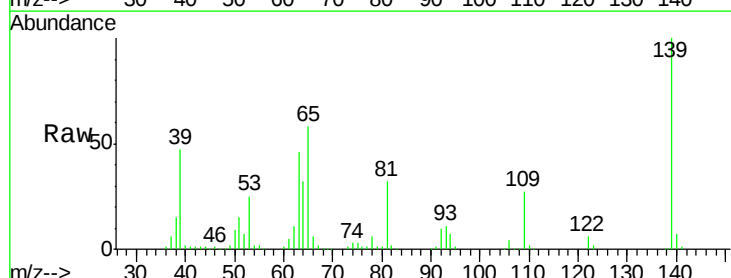
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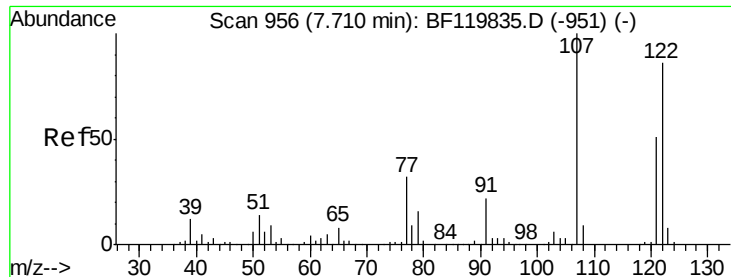
mohammad
4/24/2020 4:17:59 AM



#26
2-Nitrophenol
Concen: 43.48 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	215898		
109	26.8	22.1	33.1	
65	57.7	49.2	73.8	





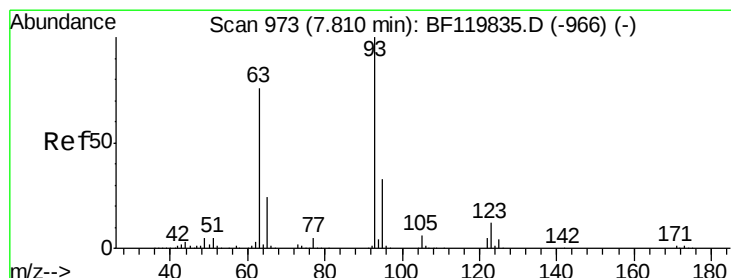
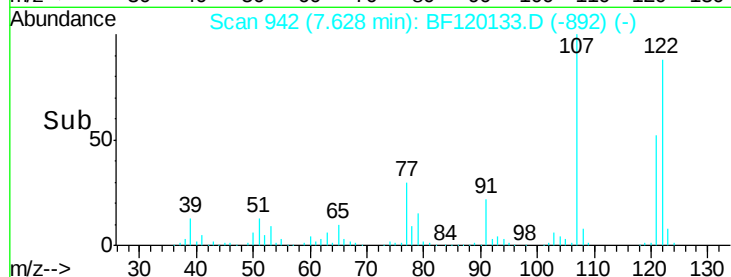
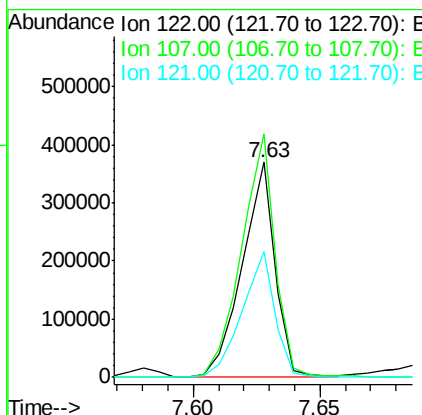
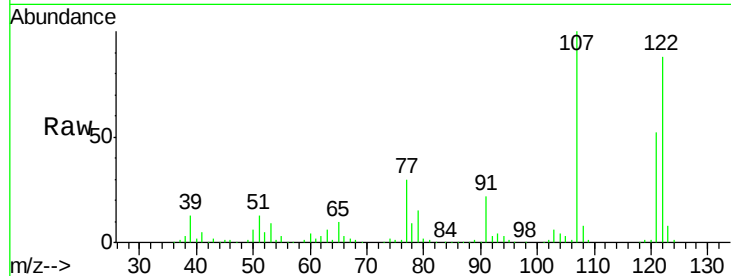
#27
 2,4-Dimethylphenol
 Concen: 44.74 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	335087		
107	113.3	89.0	133.6	
121	58.6	46.7	70.1	

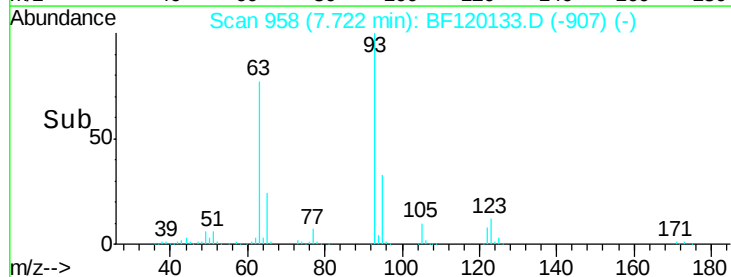
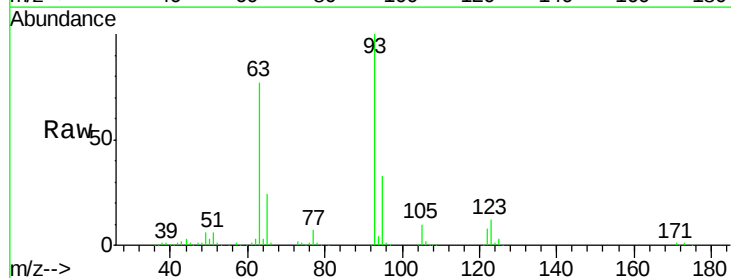
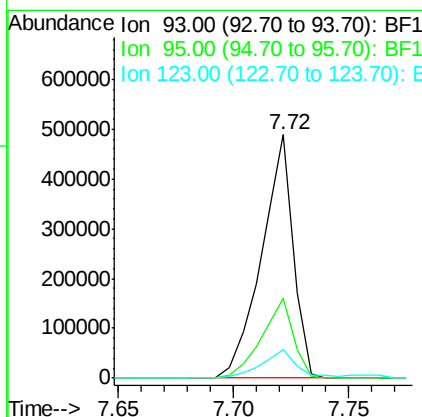
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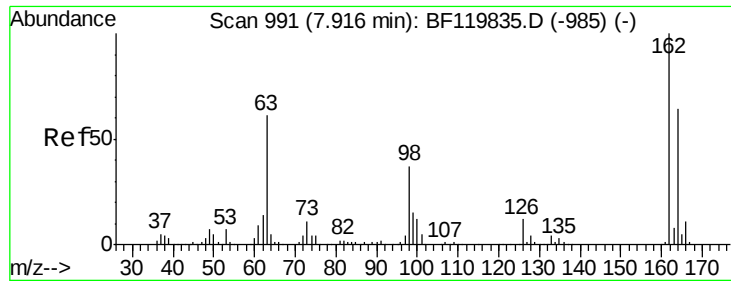
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.54 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	465504		
95	32.7	26.3	39.5	
123	12.0	9.7	14.5	





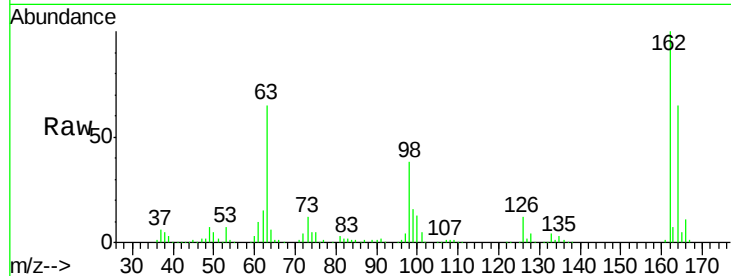
#29
2,4-Dichlorophenol
Concen: 42.55 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

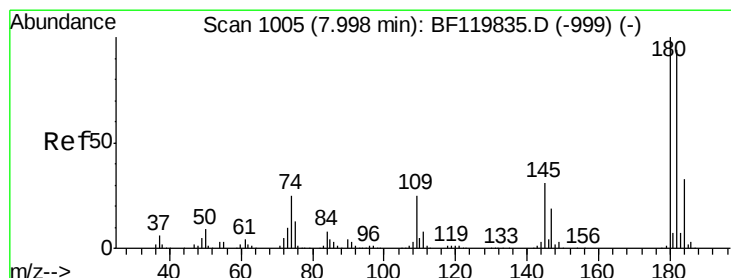
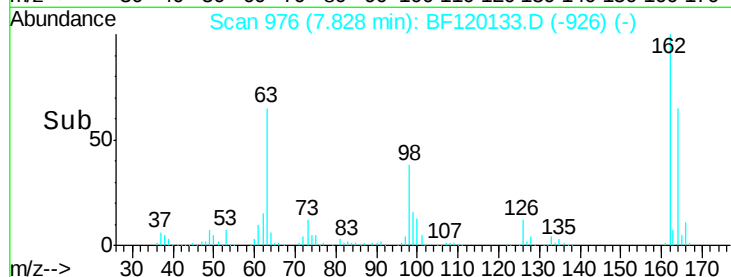
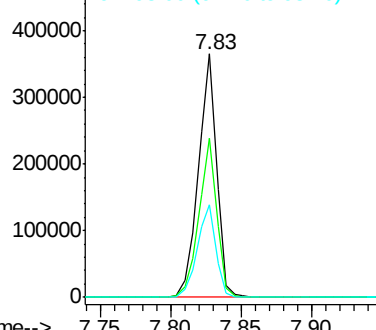
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	44.7	84.7
98	38.1	20.7	60.7

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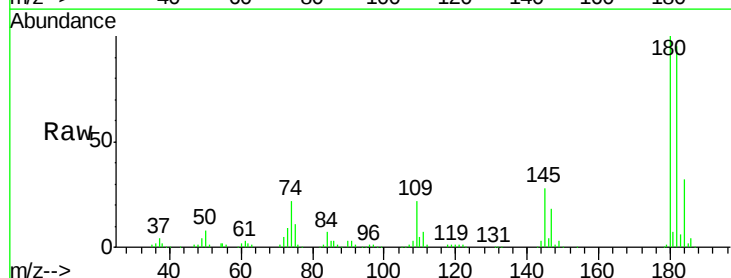


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

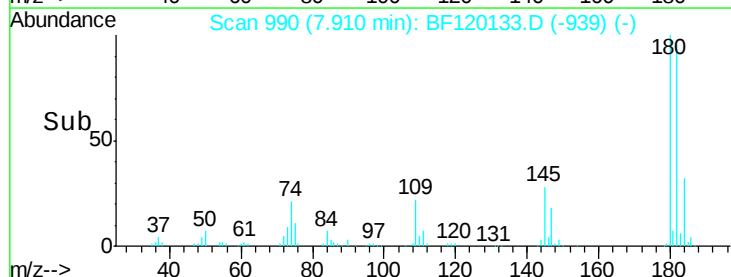
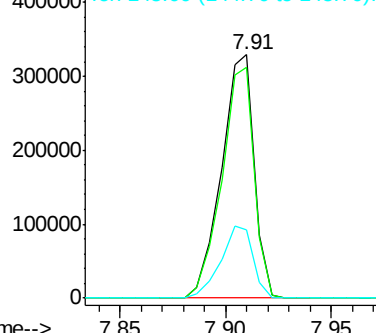


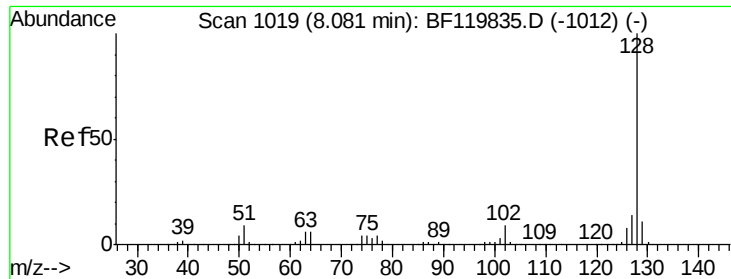
#30
1,2,4-Trichlorobenzene
Concen: 40.72 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	74.7	112.1
145	28.1	24.5	36.7



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





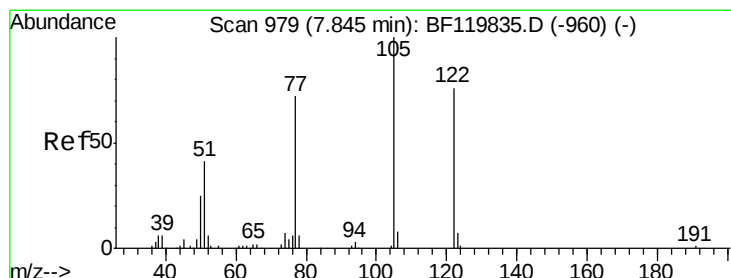
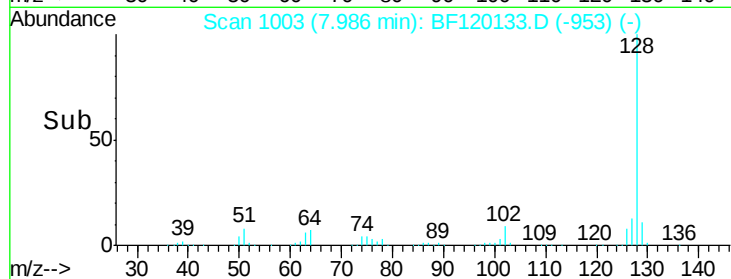
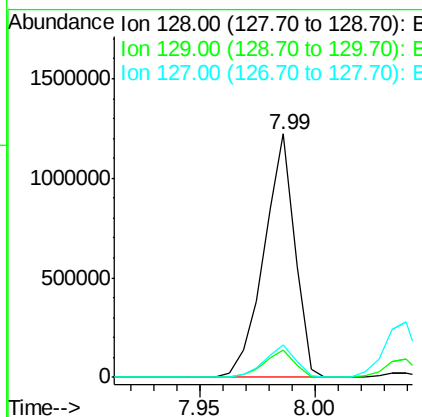
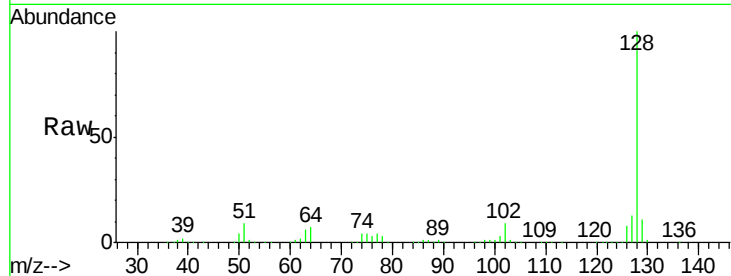
#31
Naphthalene
Concen: 42.14 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion:128 Resp: 1133201
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.2 11.3 16.9

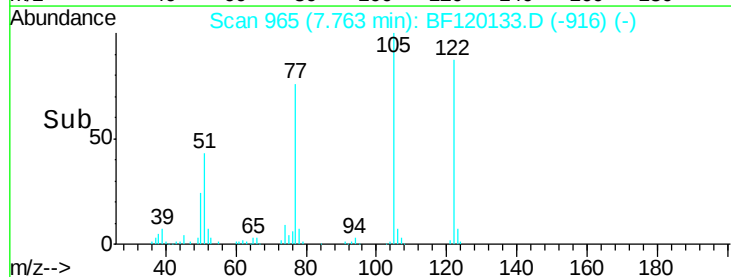
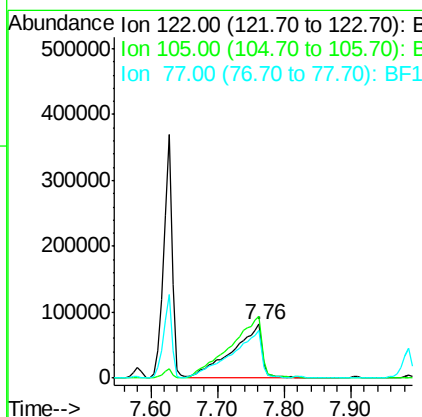
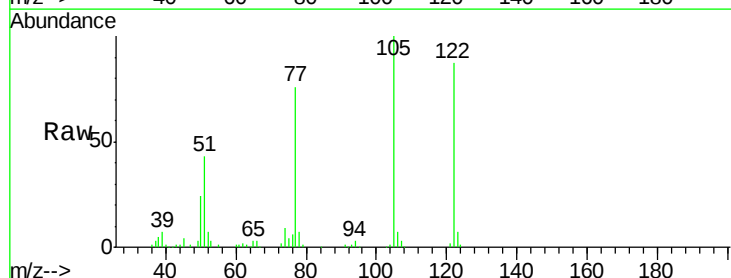
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#32
Benzoic acid
Concen: 38.65 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion:122 Resp: 254212
Ion Ratio Lower Upper
122 100
105 115.0 104.9 144.9
77 87.5 74.4 114.4





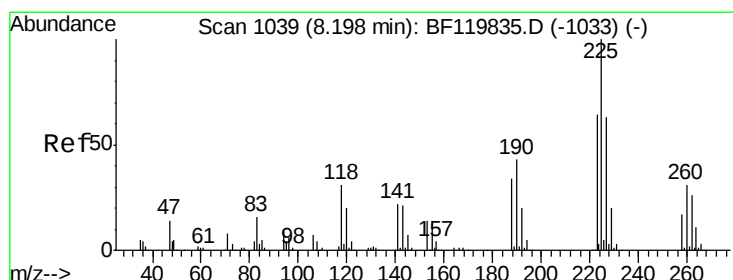
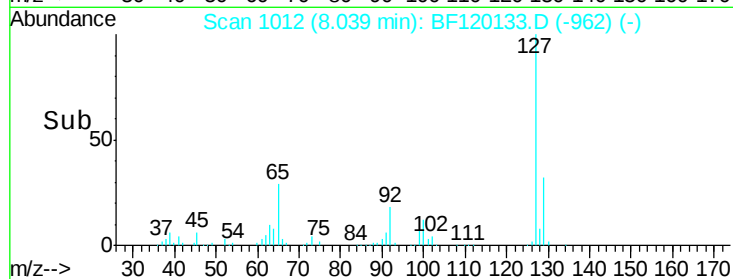
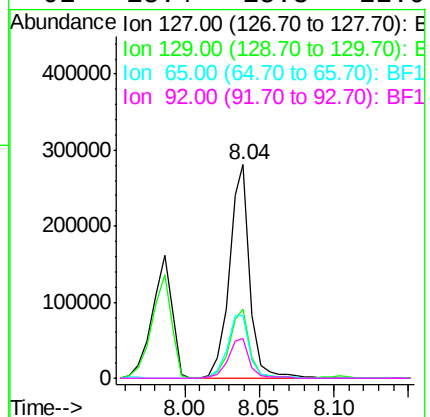
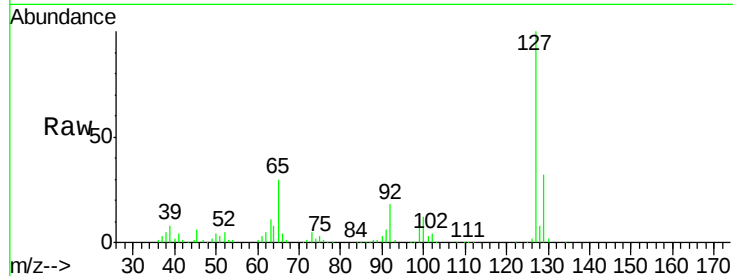
#33
4-Chloroaniline
Concen: 23.24 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	272047		
129	32.5	26.2	39.4	
65	29.5	27.4	41.0	
92	18.4	15.3	22.9	

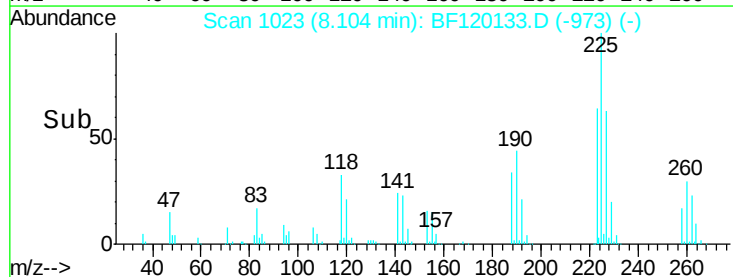
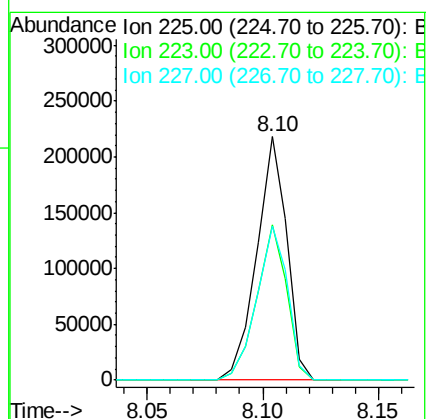
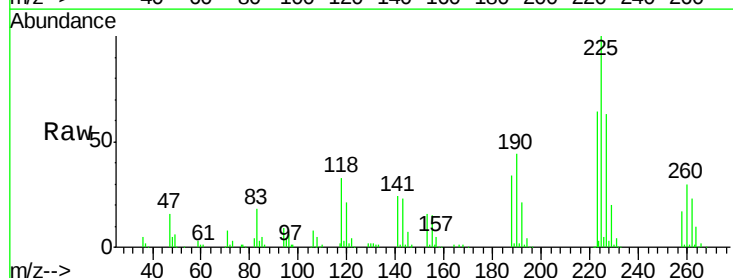
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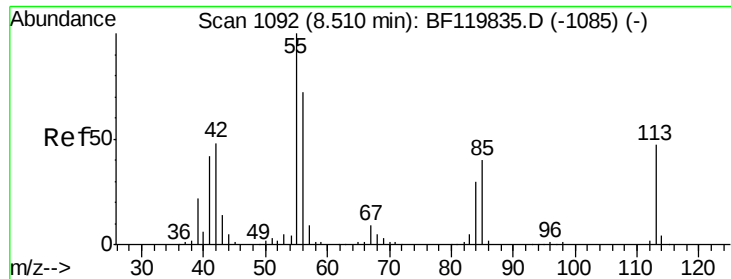
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#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198882		
223	63.7	51.0	76.6	
227	63.2	50.7	76.1	





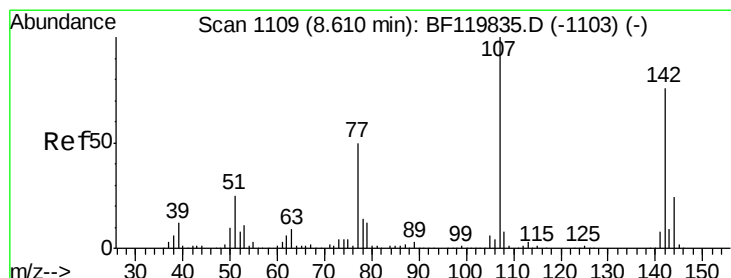
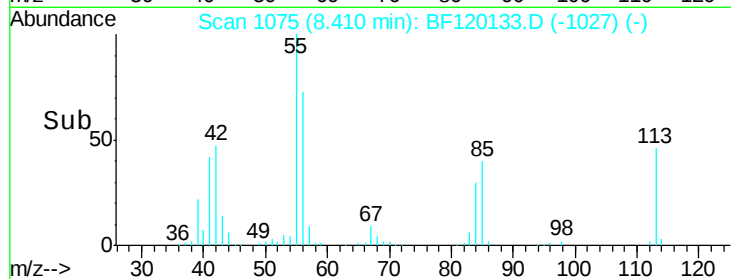
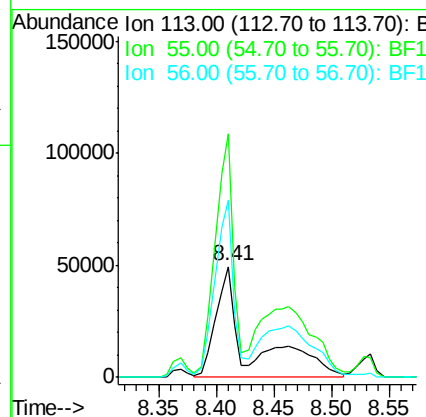
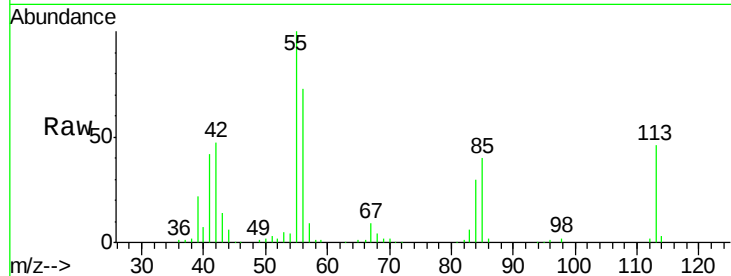
#35
 Caprolactam
 Concen: 43.04 ng m
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	219.6	218.4	258.4
56	160.1	148.9	188.9

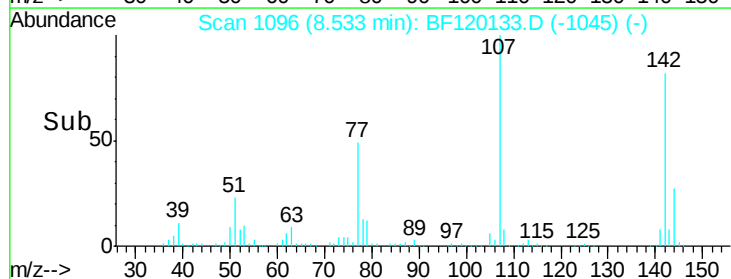
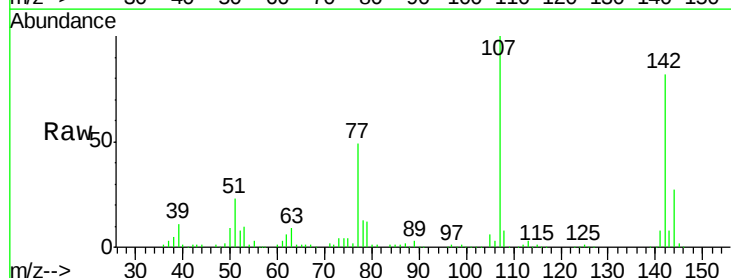
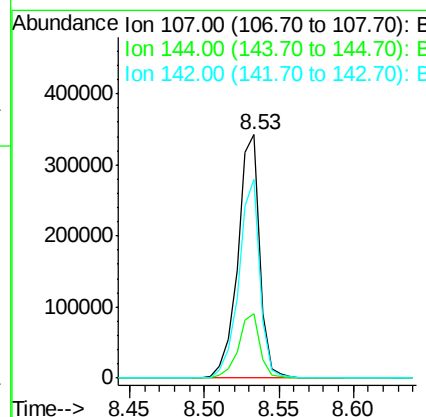
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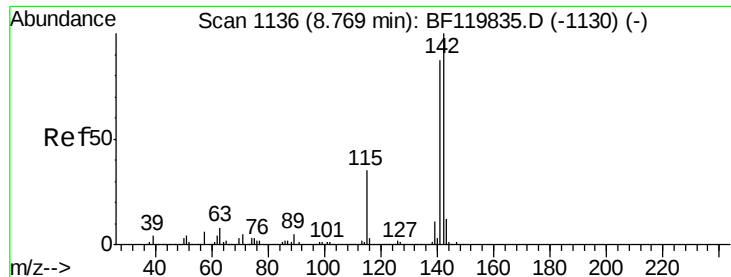
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#36
 4-Chloro-3-methylphenol
 Concen: 42.53 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.0	31.6
142	81.7	64.4	96.6





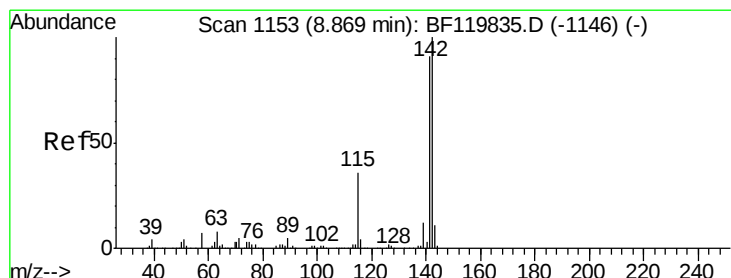
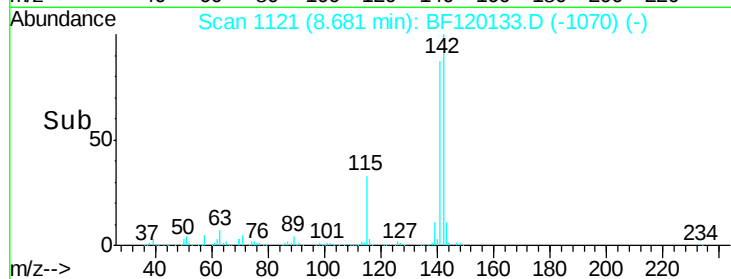
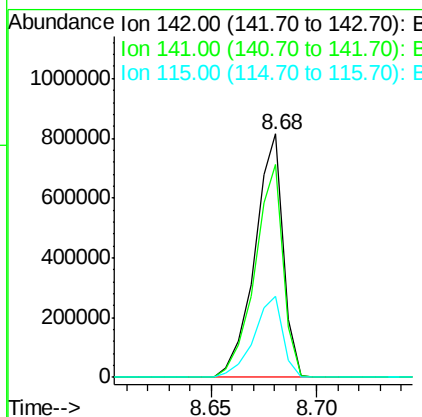
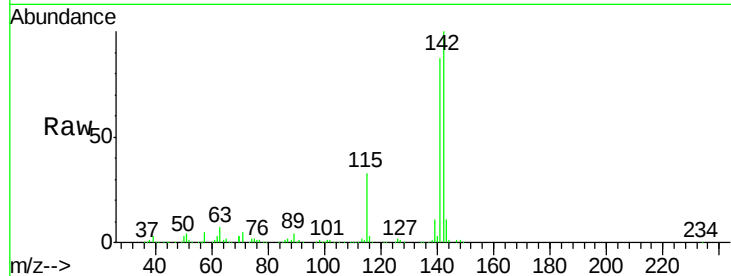
#37
 2-Methylnaphthalene
 Concen: 41.82 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.7	107.5
115	33.1	27.9	41.9

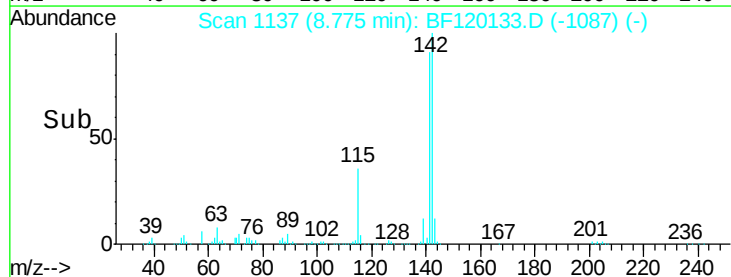
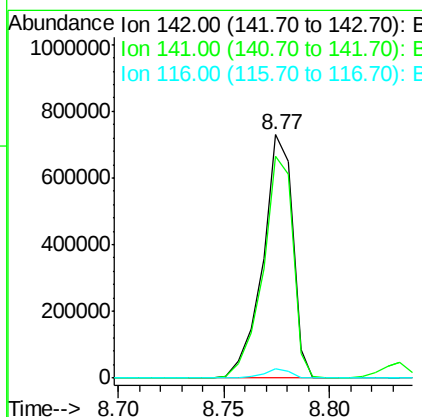
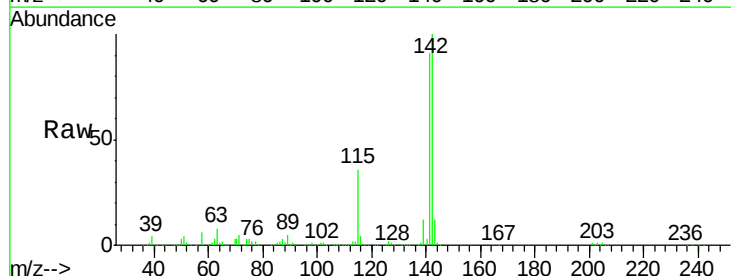
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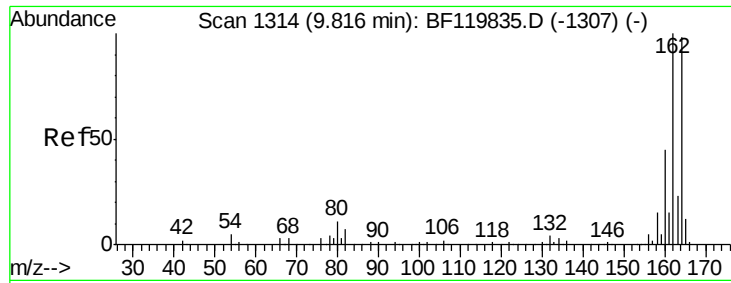
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#38
 1-Methylnaphthalene
 Concen: 41.67 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5
116	3.7	3.0	4.6





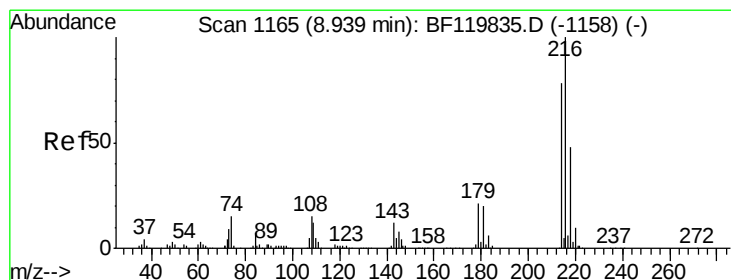
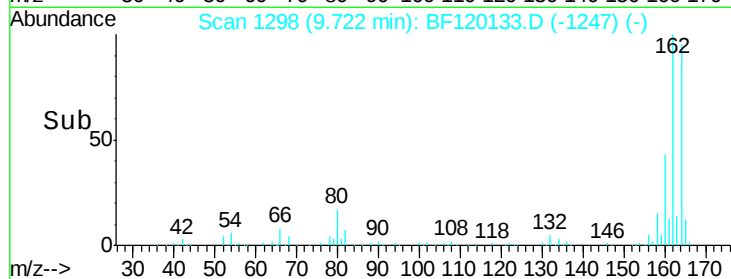
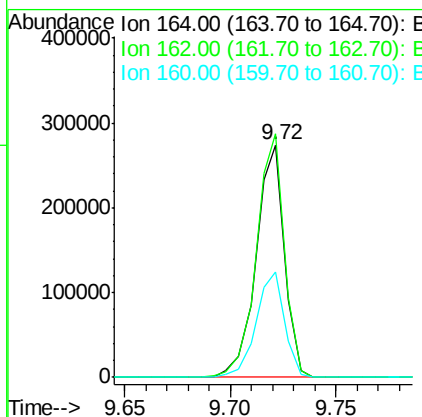
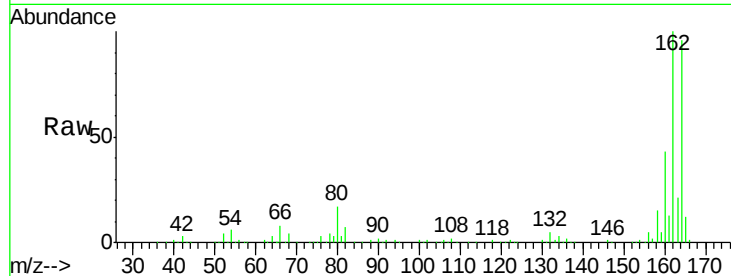
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256158		
162	104.7	80.6	121.0	
160	45.5	35.7	53.5	

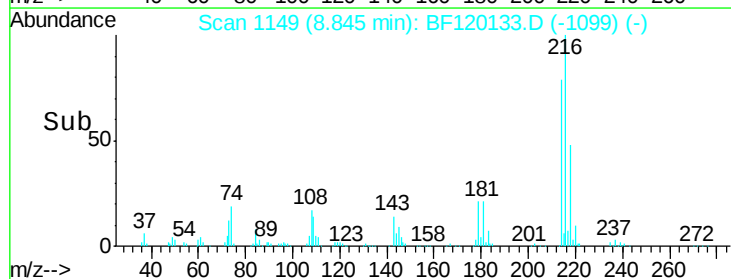
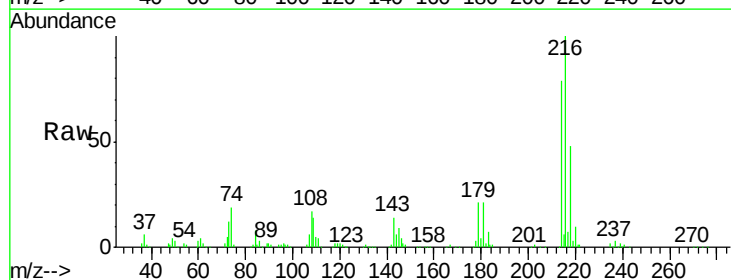
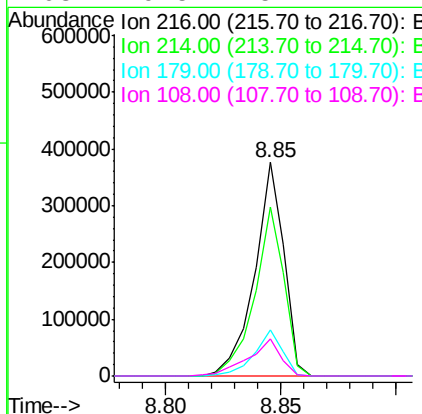
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.27 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	333933		
214	79.2	63.2	94.8	
179	20.9	17.1	25.7	
108	19.5	15.1	22.7	





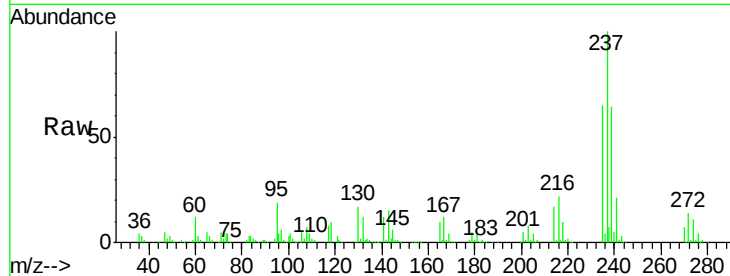
#41
Hexachlorocyclopentadiene
Concen: 73.24 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

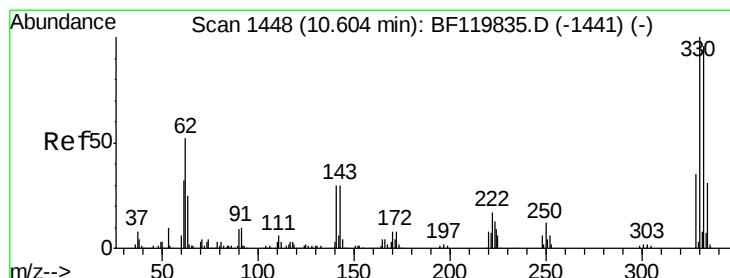
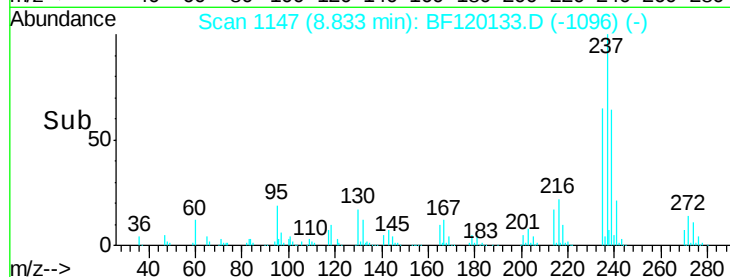
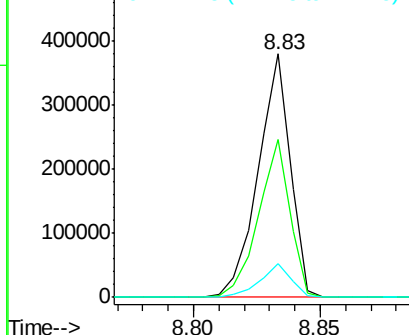
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	336970		
235	65.0	43.2	83.2	
272	13.7	0.0	34.1	

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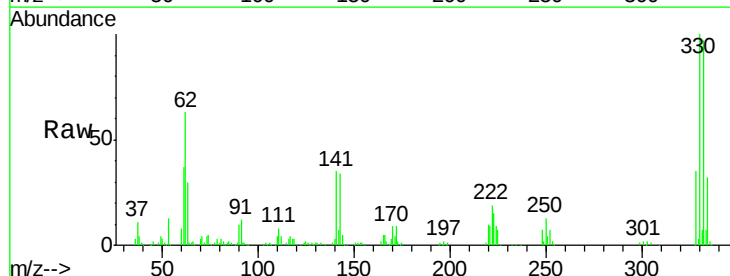


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

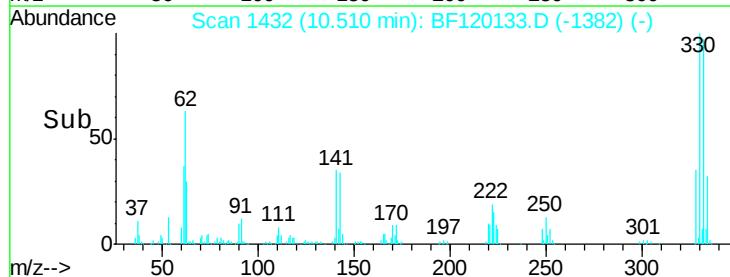
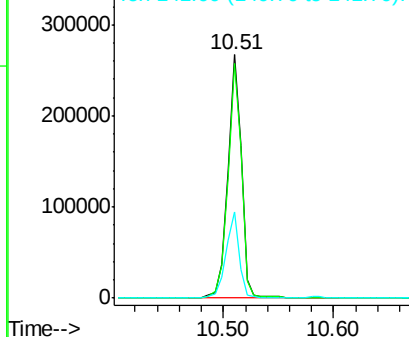


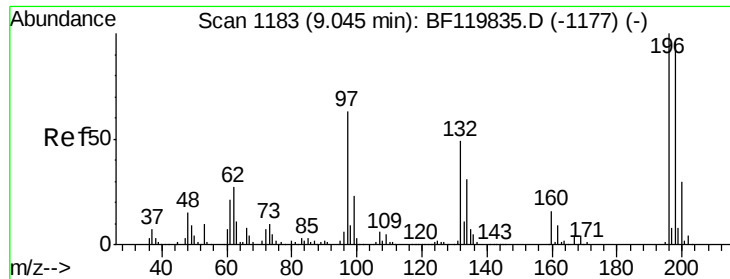
#42
2,4,6-Tribromophenol
Concen: 74.23 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232804		
332	96.2	75.7	113.5	
141	34.0	25.4	38.0	



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





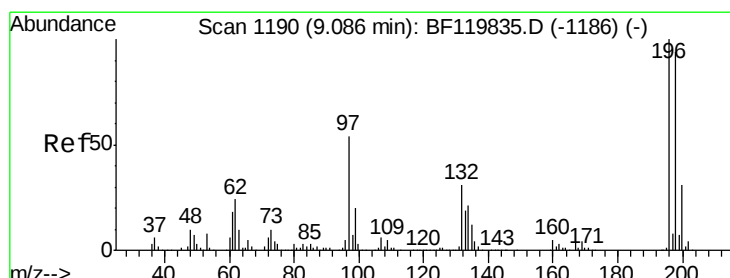
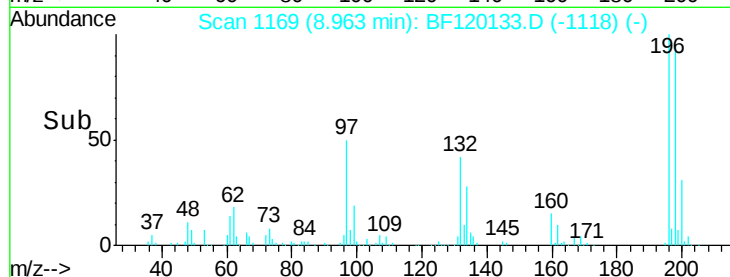
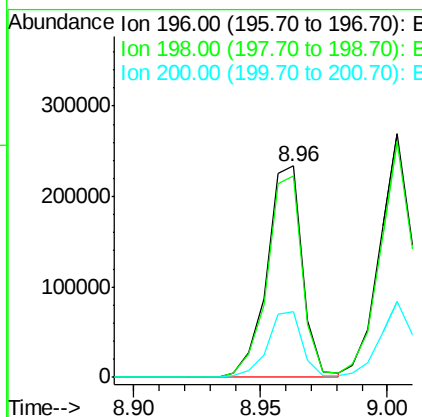
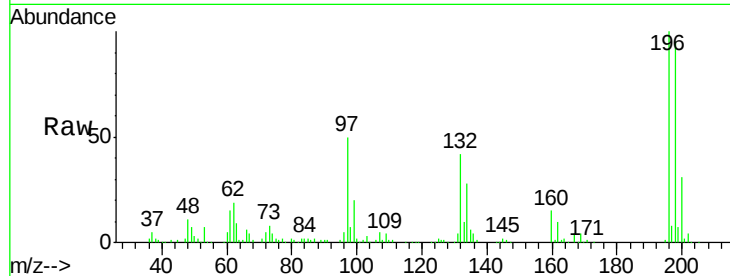
#43
 2,4,6-Trichlorophenol
 Concen: 41.28 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230609		
198	95.4	76.6	115.0	
200	31.4	24.6	36.8	

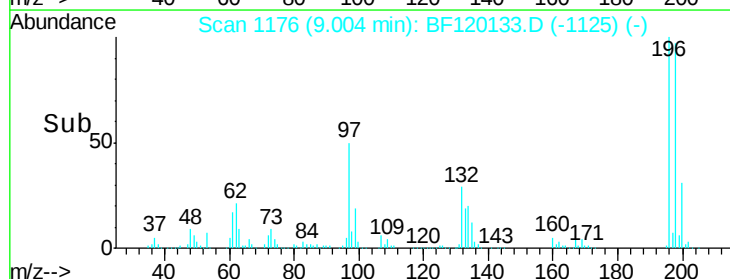
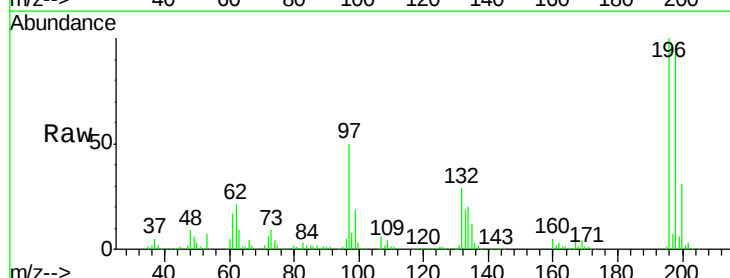
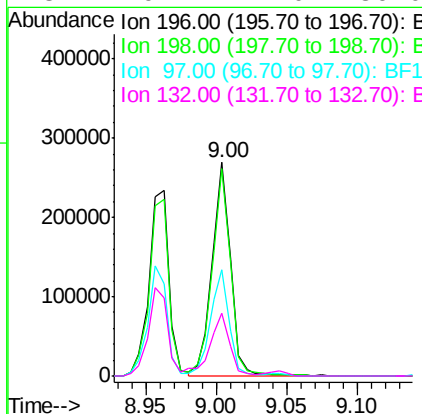
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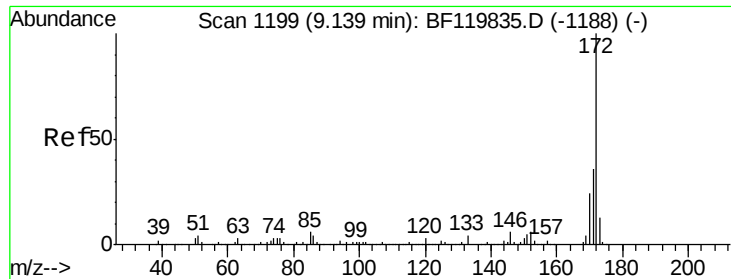
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.99 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245332		
198	97.1	73.8	110.8	
97	49.6	42.6	63.8	
132	29.1	24.0	36.0	





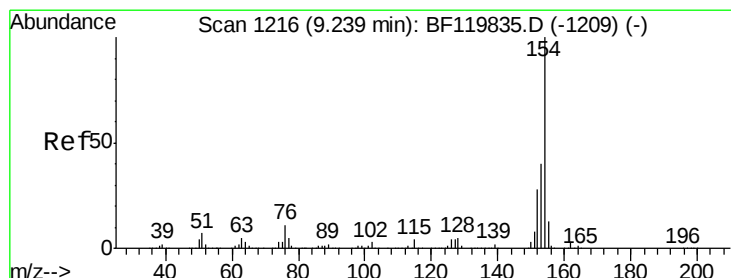
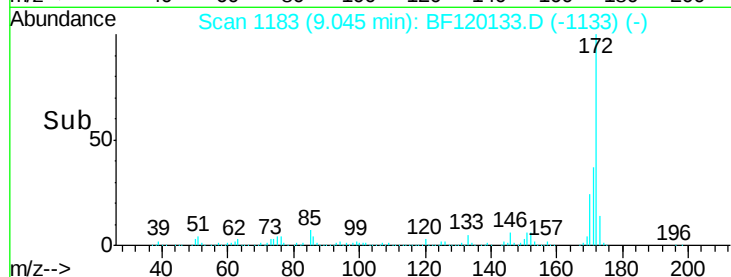
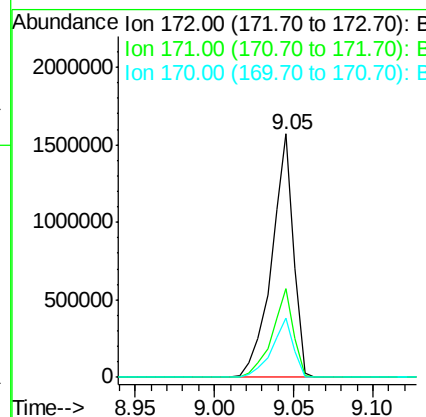
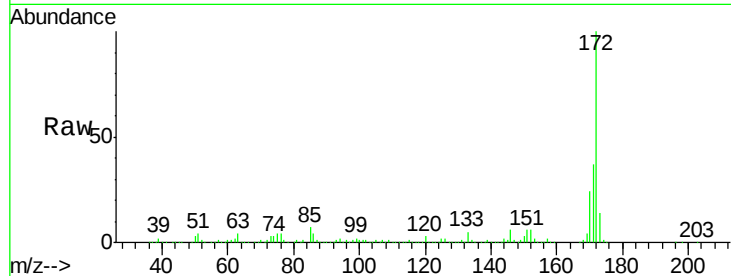
#45
 2-Fluorobiphenyl
 Concen: 83.76 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	20.2	30.2

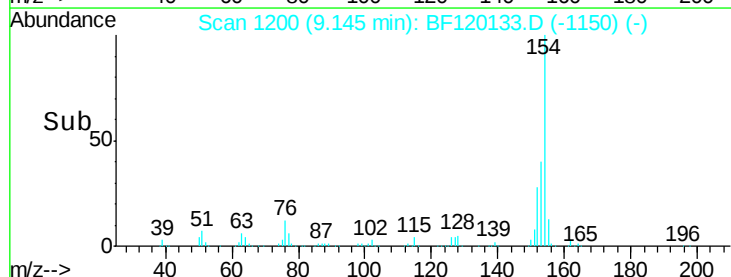
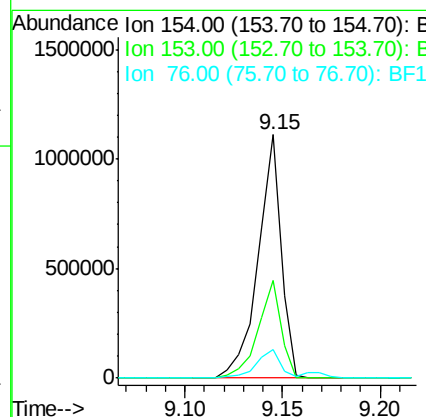
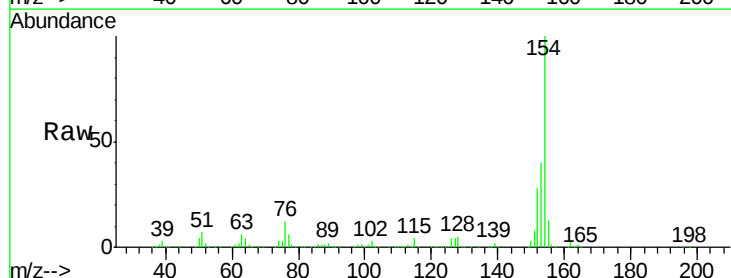
Manual Integrations
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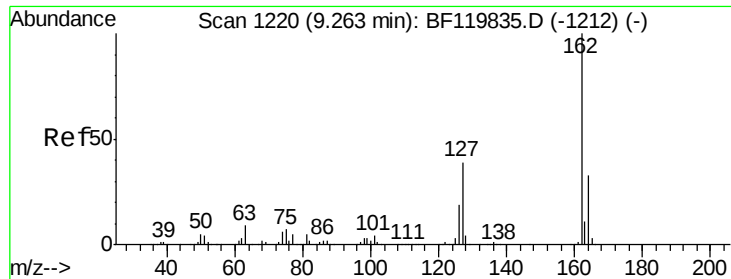
mohammad
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#46
 1,1'-Biphenyl
 Concen: 42.08 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.4	61.4
76	11.8	0.0	33.0





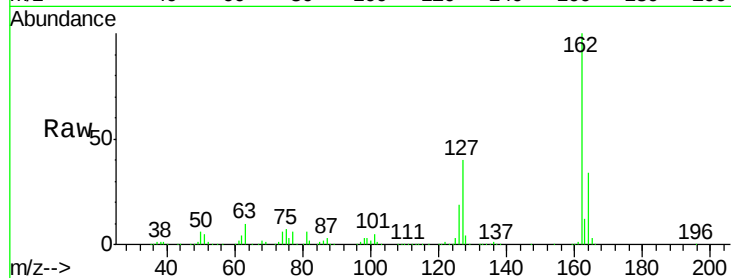
#47
2-Chloronaphthalene
Concen: 42.02 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

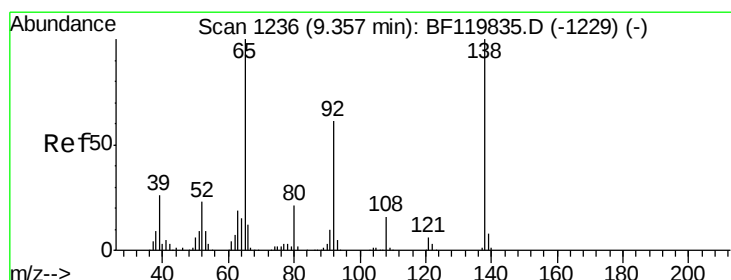
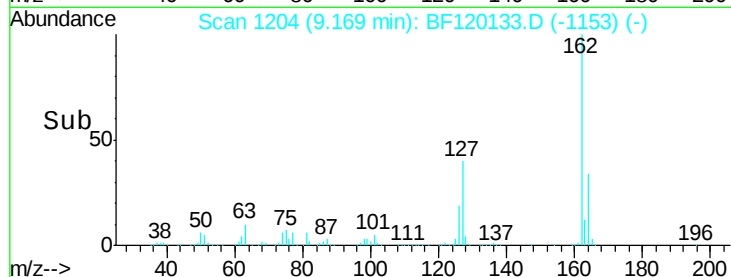
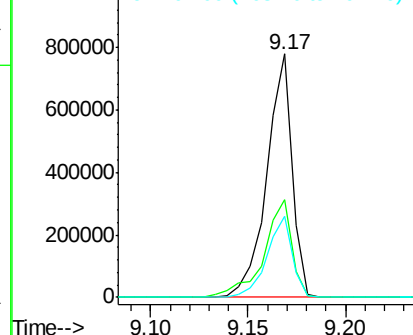
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	699825		
127	40.4	33.7	50.5	
164	33.6	26.3	39.5	

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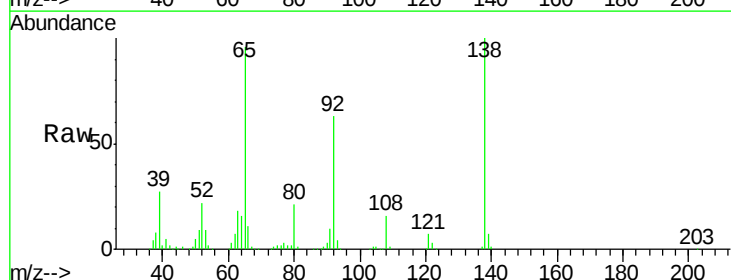


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

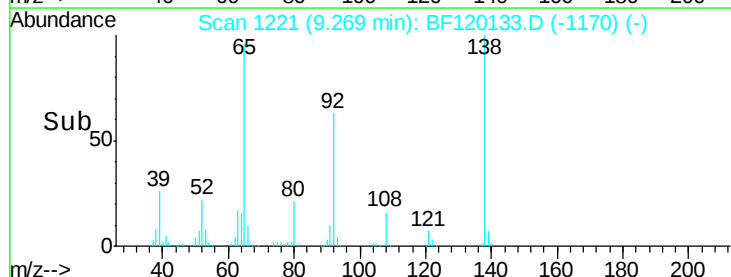
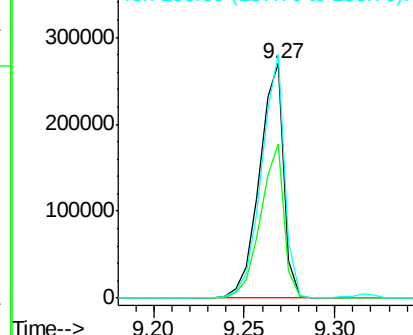


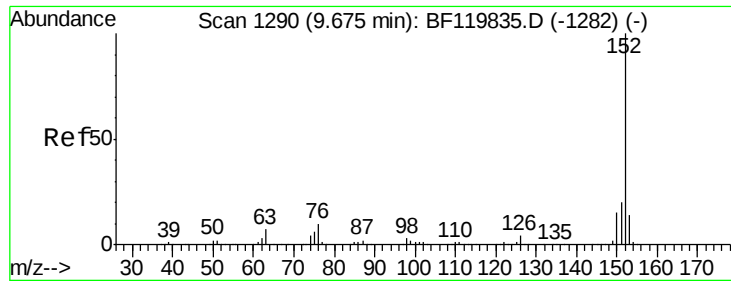
#48
2-Nitroaniline
Concen: 41.58 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	250987		
92	65.7	50.0	75.0	
138	104.0	75.0	112.4	



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





#49

Acenaphthylene

Concen: 44.05 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Instrument :

BNA_F

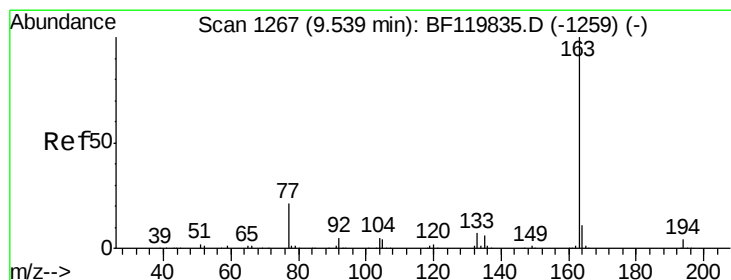
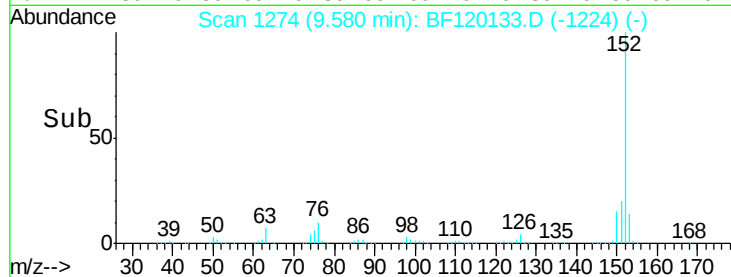
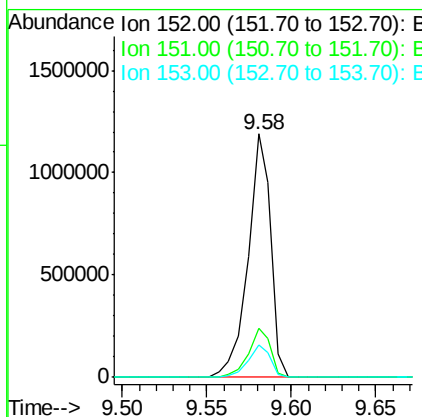
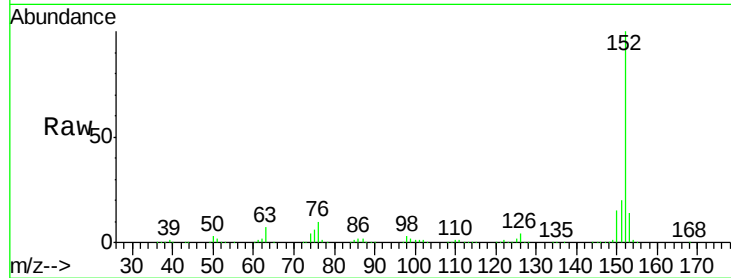
ClientSampleId :

PB128402BS

Tgt Ion:	152	Resp:	1115904
Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	13.6	11.2	16.8

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#50

Dimethylphthalate

Concen: 40.80 ng

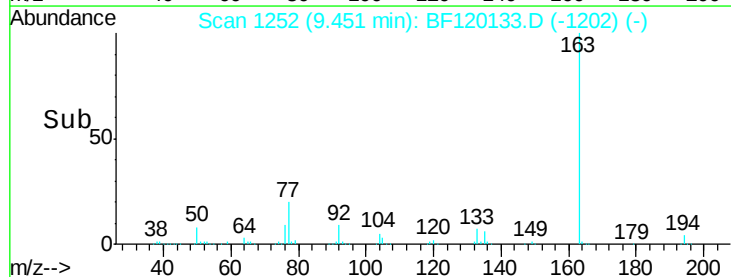
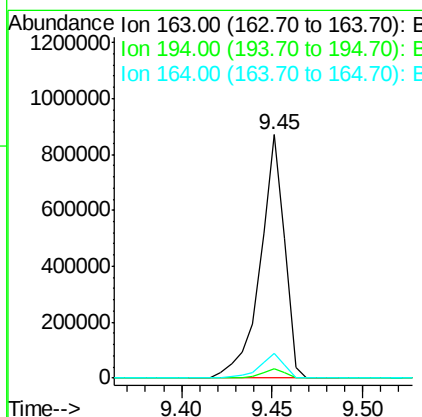
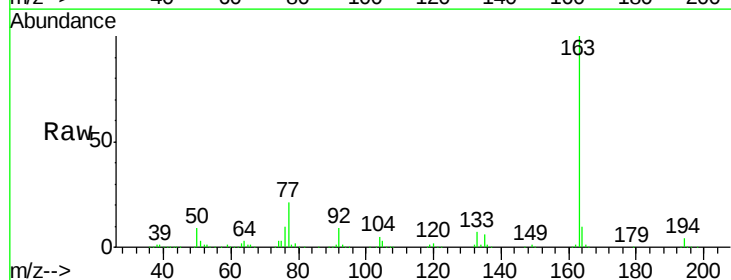
RT: 9.45 min Scan# 1252

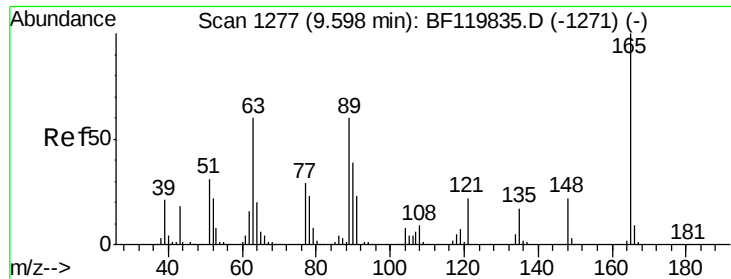
Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Tgt Ion:	163	Resp:	808296
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	8.2	12.2





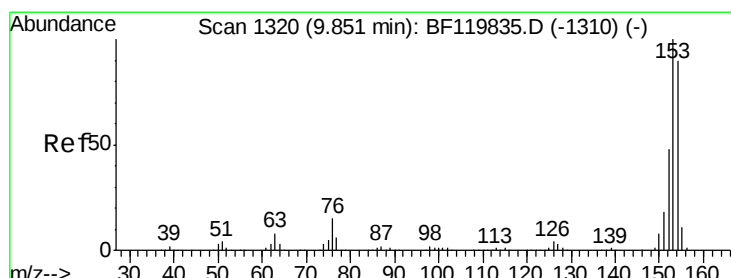
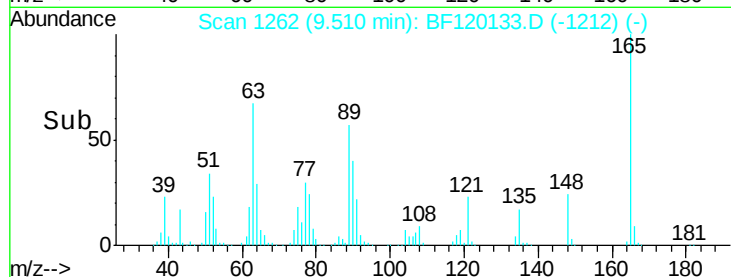
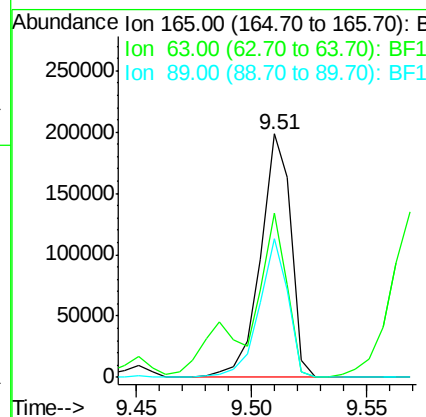
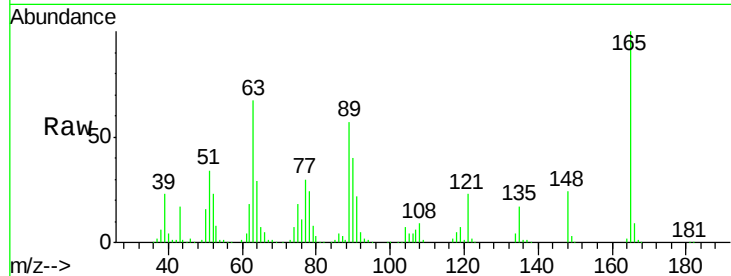
#51
2,6-Dinitrotoluene
Concen: 41.98 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	67.3	45.0	67.4
89	56.8	41.5	62.3

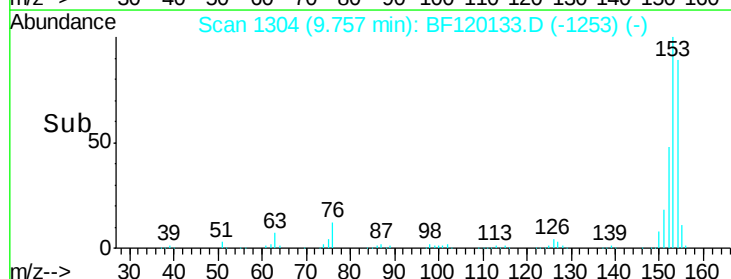
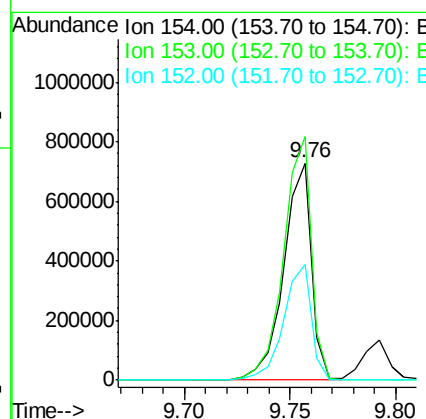
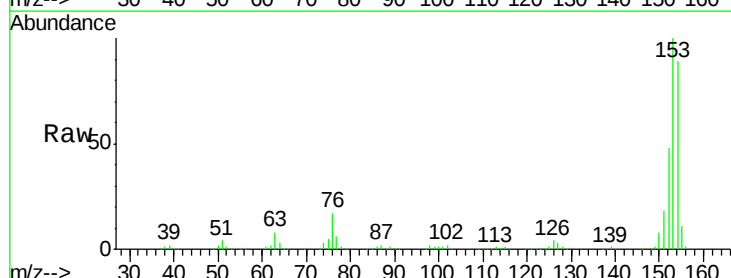
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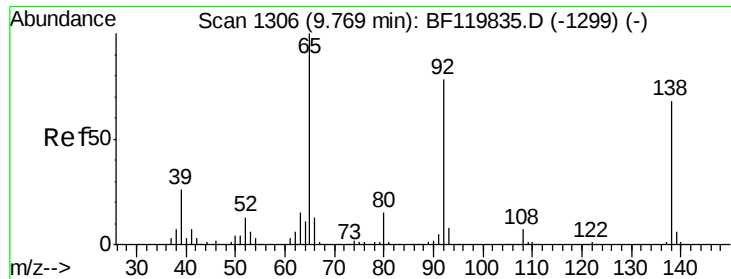
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#52
Acenaphthene
Concen: 39.60 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.3	88.1	132.1
152	53.5	43.0	64.4





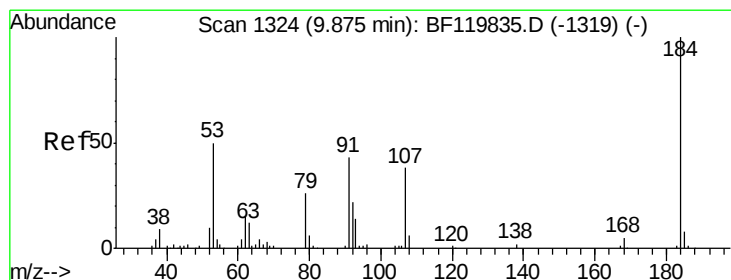
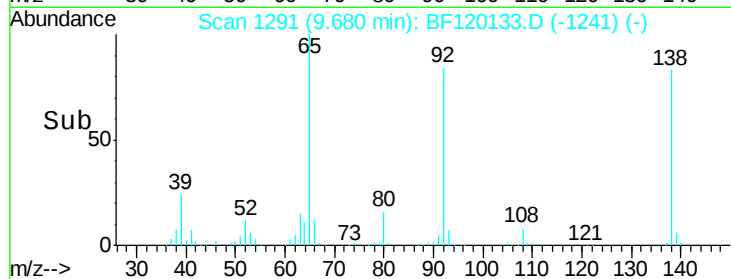
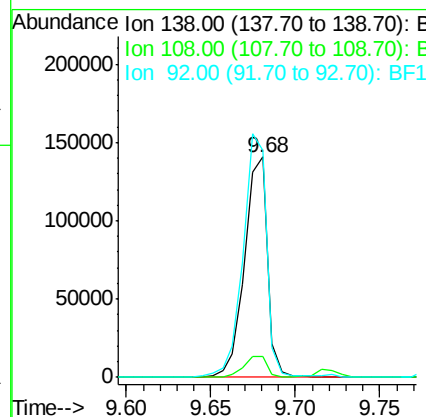
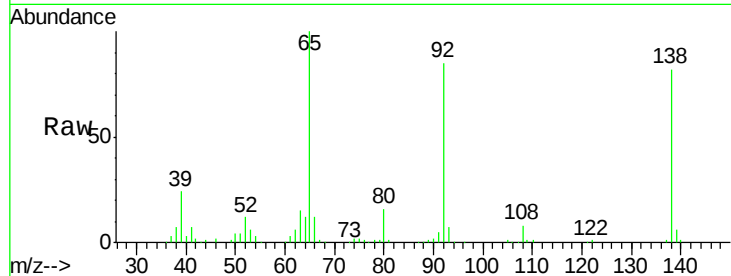
#53
 3-Nitroaniline
 Concen: 27.03 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	133954		
108	9.6	8.6	13.0	
92	102.9	95.4	143.0	

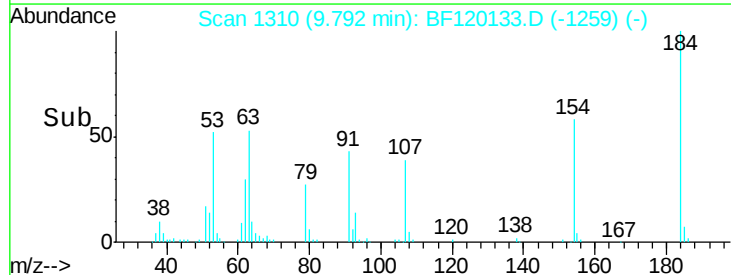
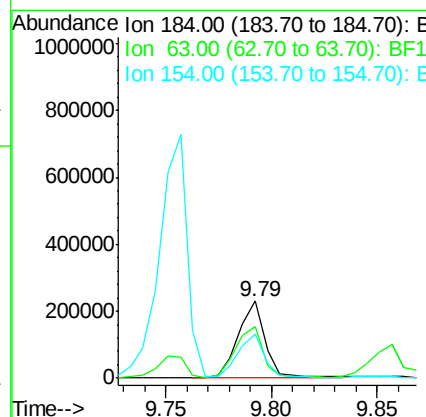
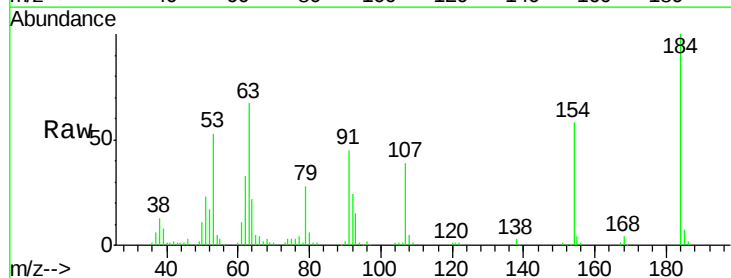
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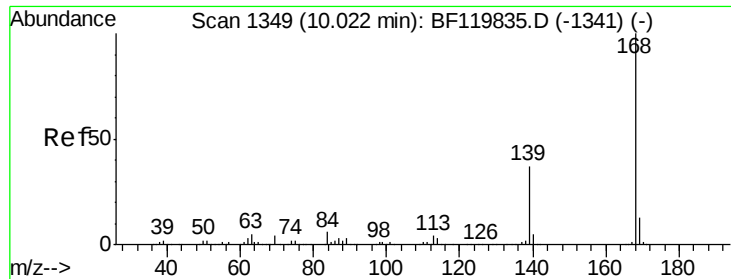
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#54
 2,4-Dinitrophenol
 Concen: 78.71 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	204453		
63	66.8	50.2	75.4	
154	57.8	44.5	66.7	





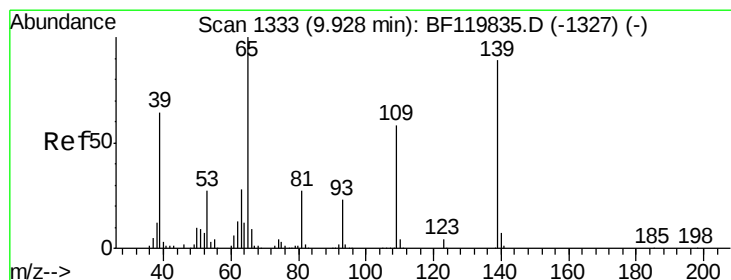
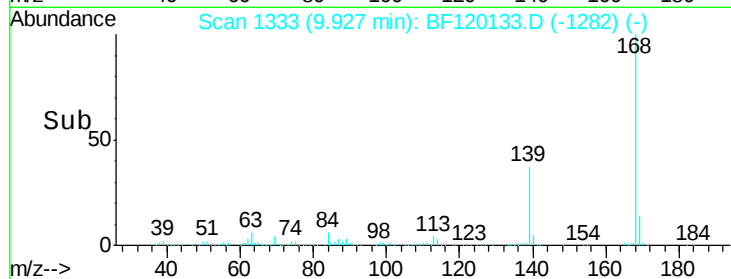
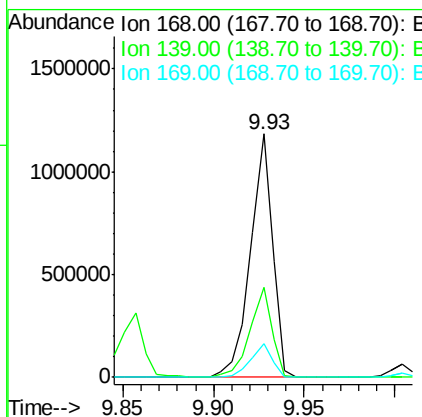
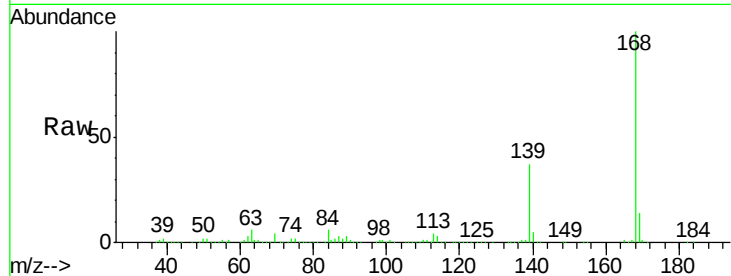
#55
Dibenzofuran
Concen: 43.43 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.7	11.0	16.6

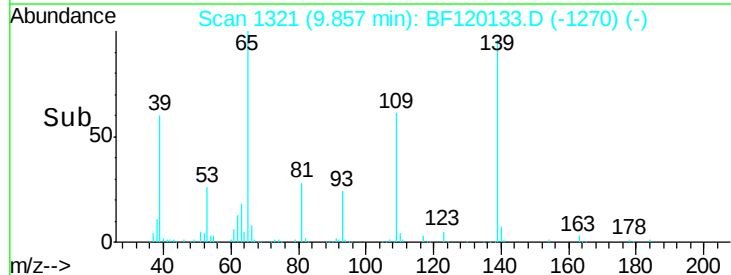
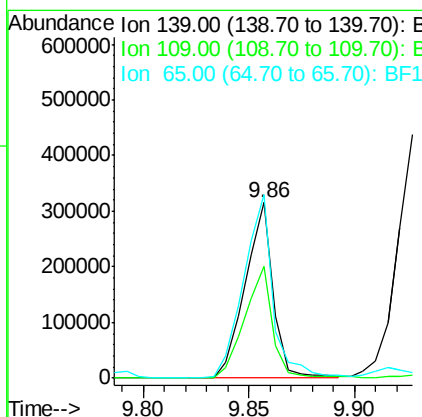
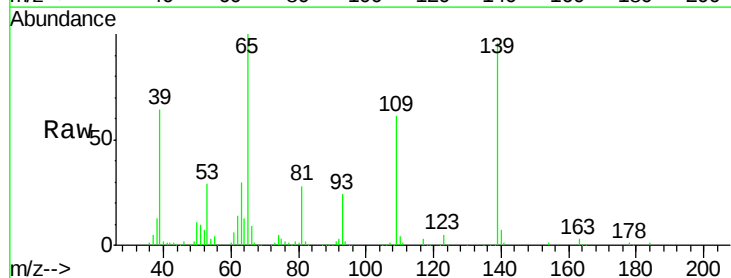
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#56
4-Nitrophenol
Concen: 79.27 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	43.3	83.3
65	104.5	91.0	131.0





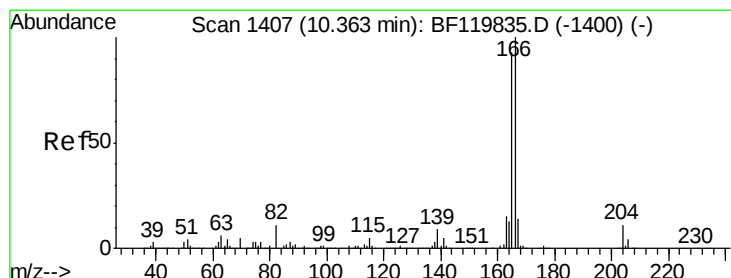
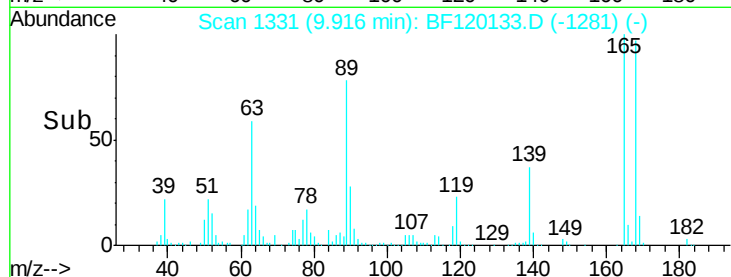
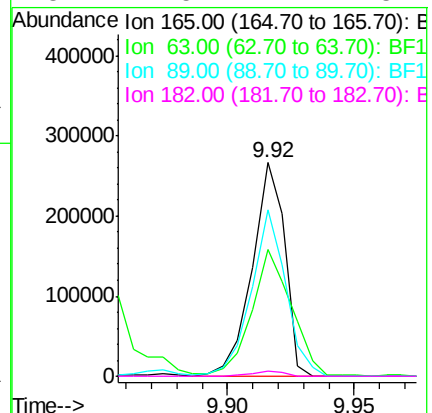
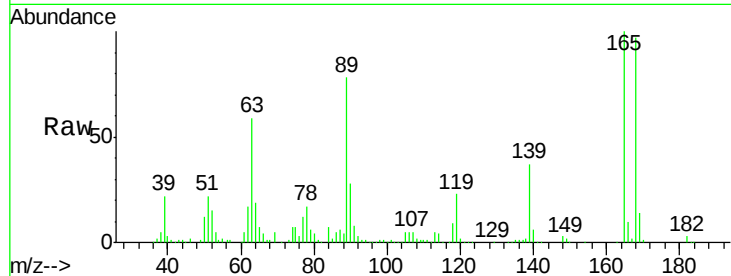
#57
2,4-Dinitrotoluene
Concen: 42.09 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240593		
63	59.1	42.6	64.0	
89	78.0	61.0	91.4	
182	2.5	2.2	3.2	

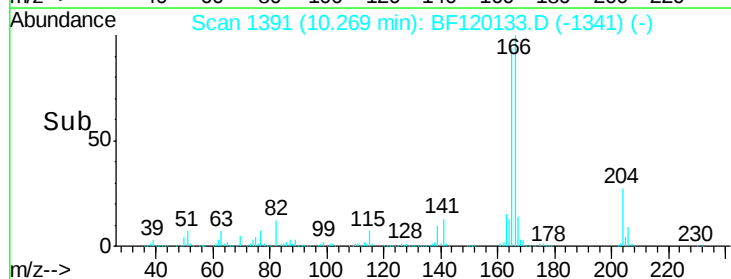
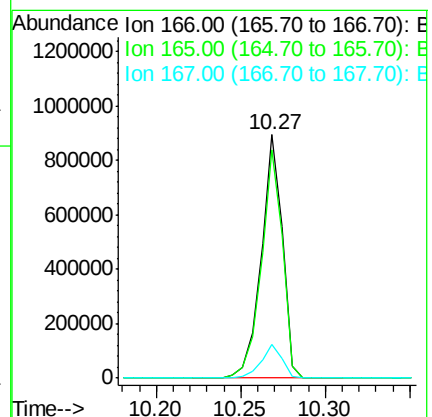
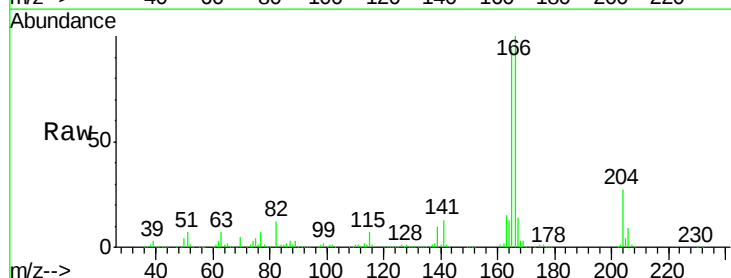
Manual Integrations
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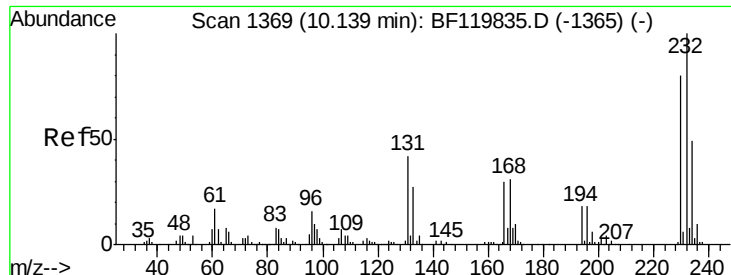
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#58
Fluorene
Concen: 42.16 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	781817		
165	93.5	75.4	113.2	
167	13.8	11.2	16.8	





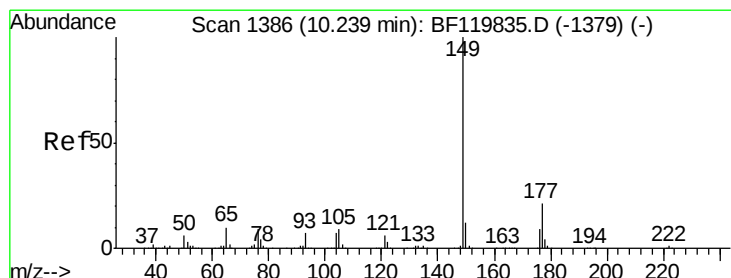
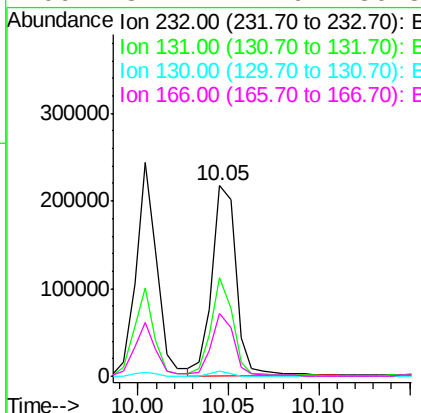
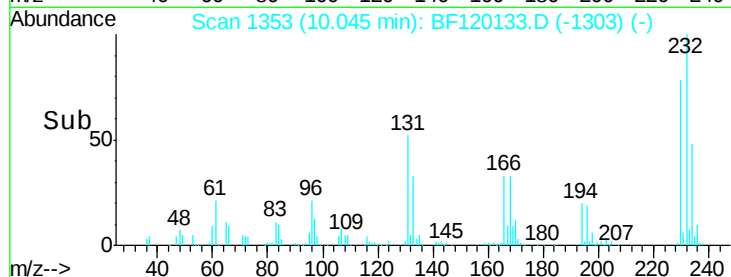
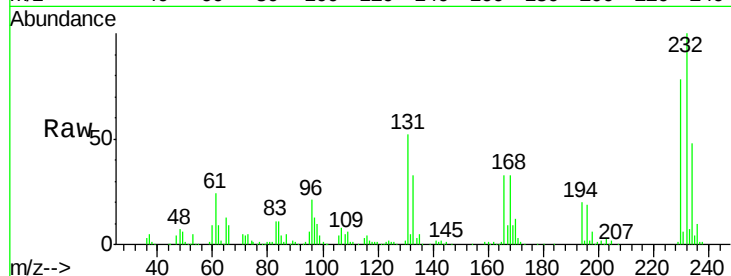
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.94 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	201832		
131	47.2	37.5	56.3	
130	2.2	1.8	2.6	
166	32.4	24.6	36.8	

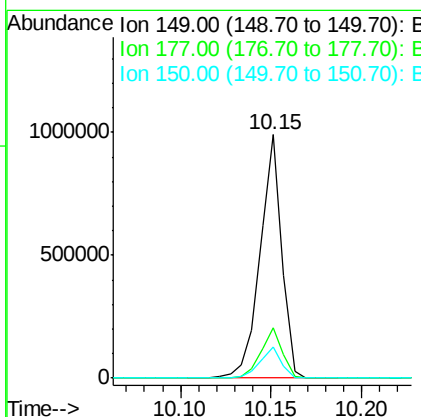
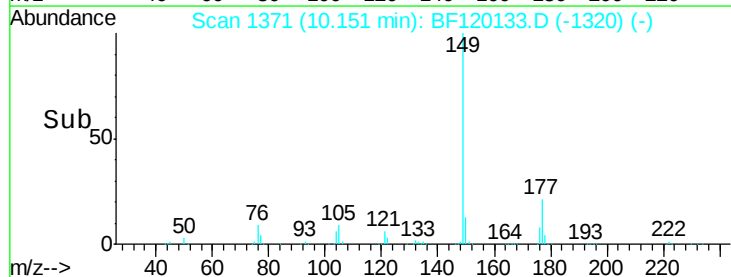
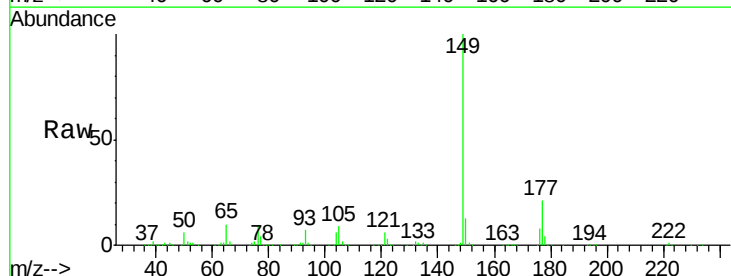
Manual Integrations
 APPROVED

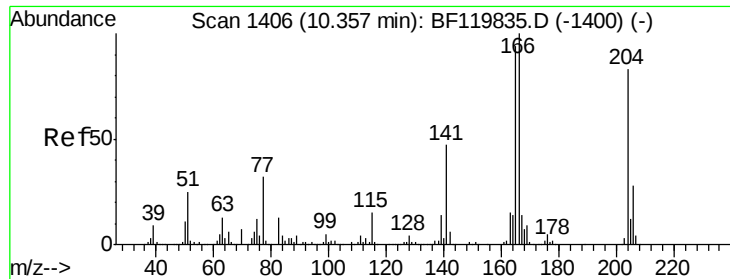
mohammad
 4/24/2020 4:17:59 AM



#60
 Diethylphthalate
 Concen: 40.06 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	822715		
177	20.8	17.0	25.6	
150	12.6	10.1	15.1	





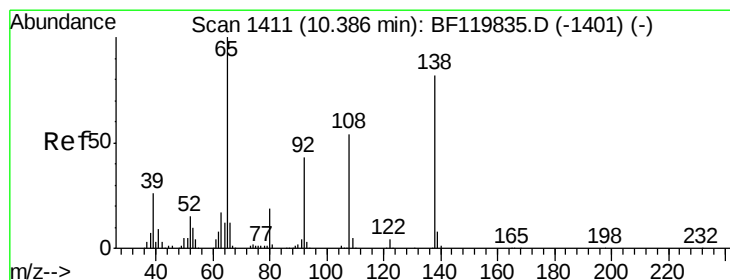
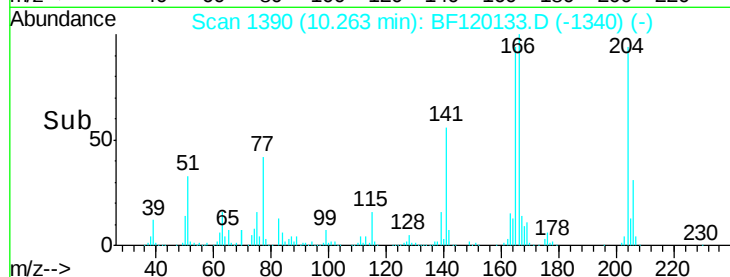
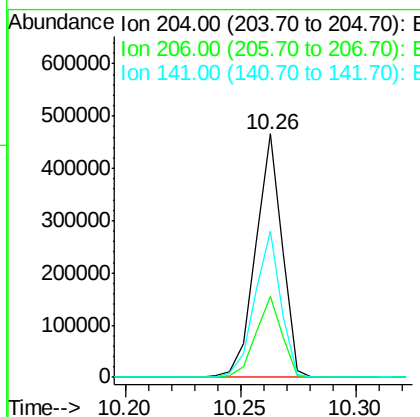
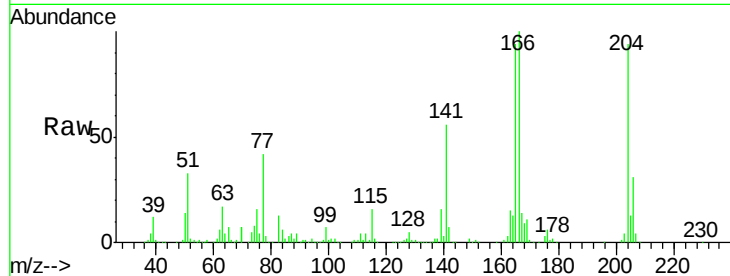
#61
 4-Chlorophenyl-phenylether
 Concen: 39.16 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	372189		
206	33.1	26.7	40.1	
141	59.9	47.3	70.9	

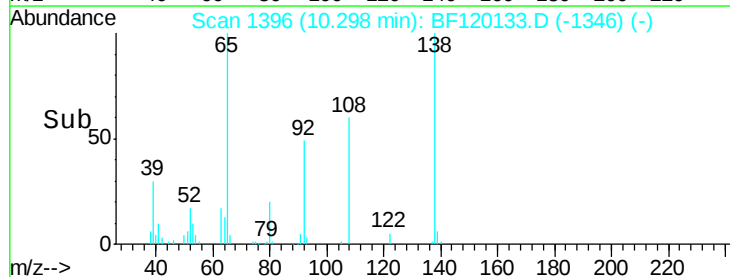
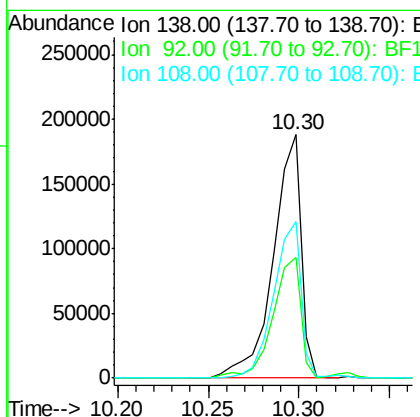
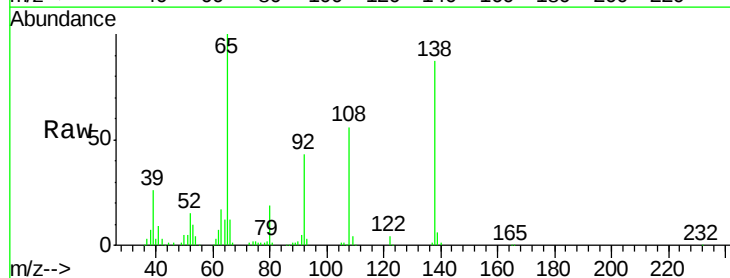
Manual Integrations
 APPROVED

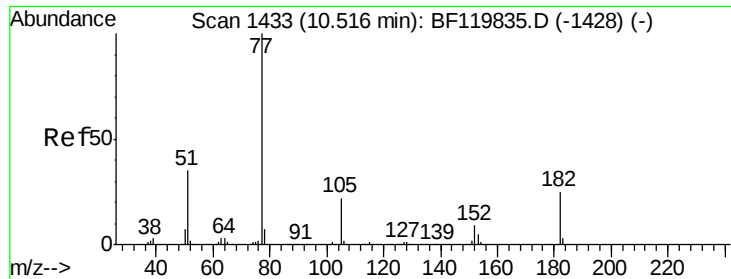
mohammad
 4/24/2020 4:17:59 AM



#62
 4-Nitroaniline
 Concen: 42.51 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	200769		
92	49.4	31.5	71.5	
108	64.3	45.8	85.8	





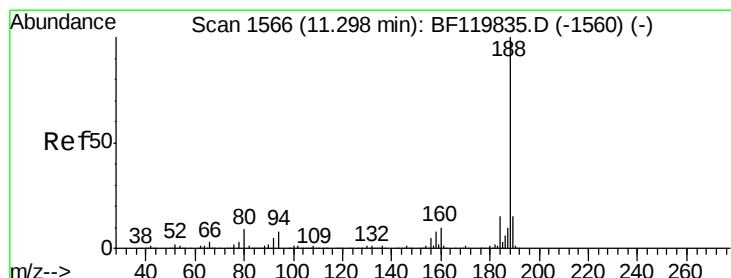
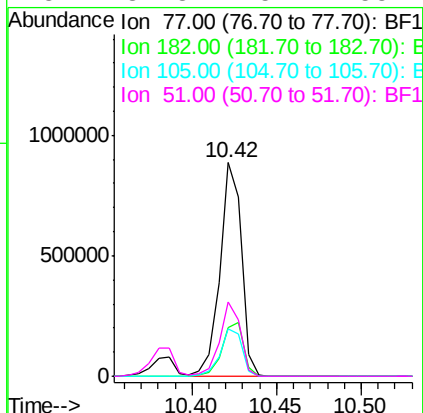
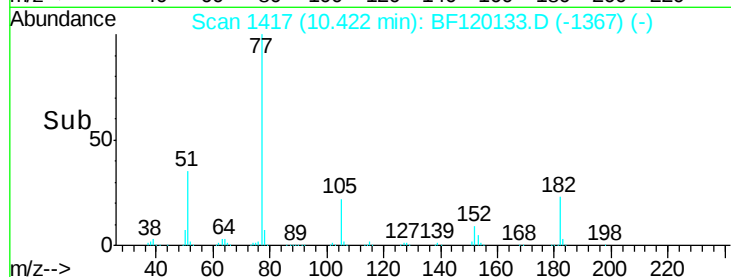
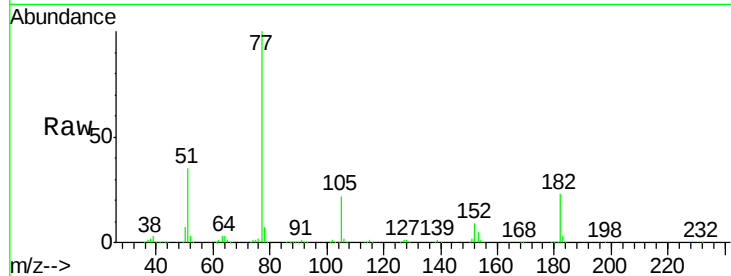
#63
Azobenzene
Concen: 42.68 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.4	44.4
105	22.2	2.6	42.6
51	34.8	15.1	55.1

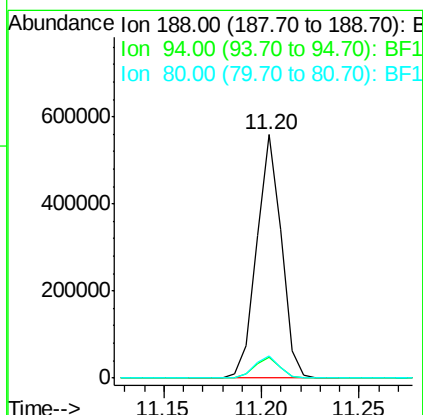
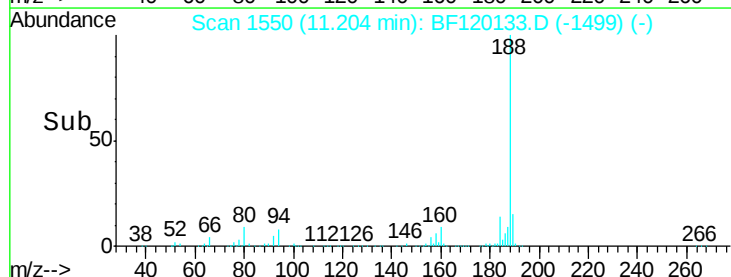
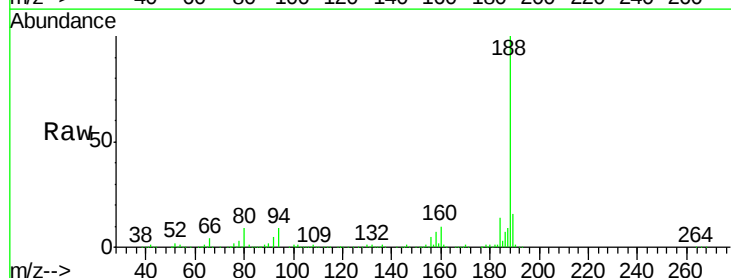
Manual Integrations
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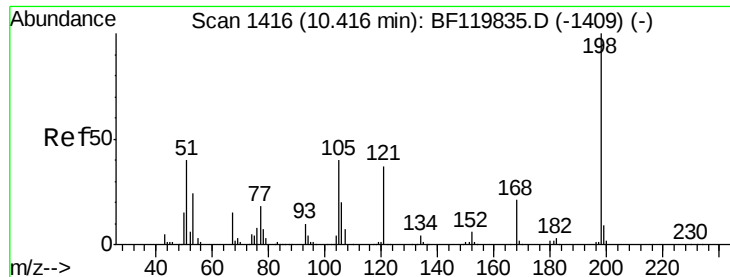
mohammad
4/24/2020 4:17:59 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.3	9.0	13.4





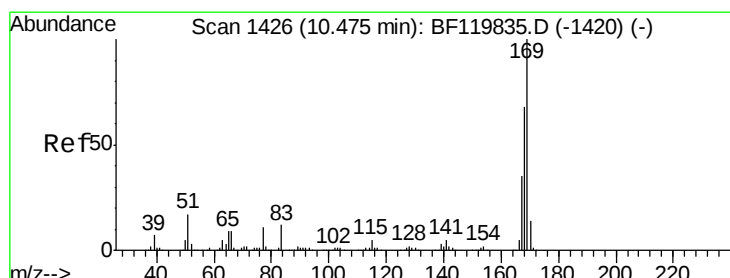
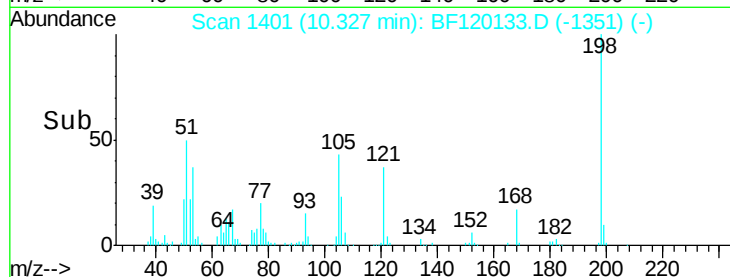
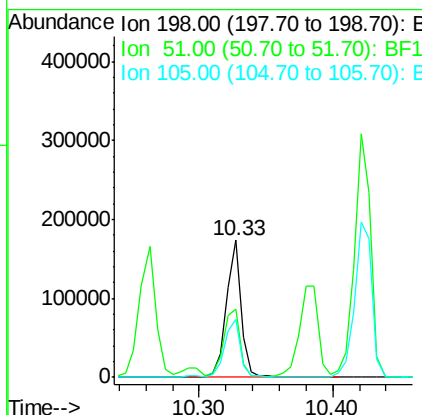
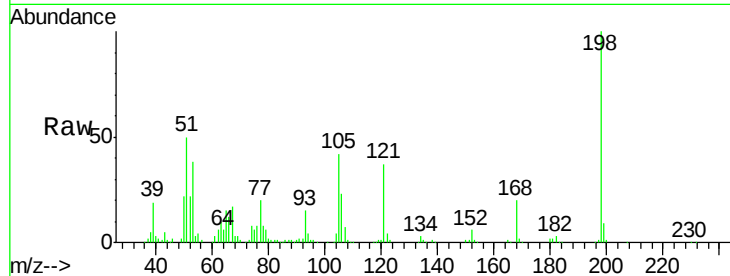
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.86 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	138041		
51	50.2	29.0	69.0	
105	42.4	22.2	62.2	

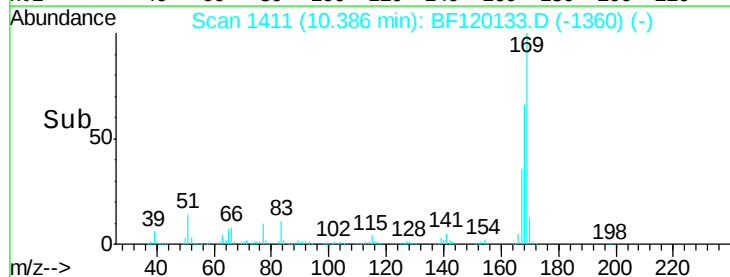
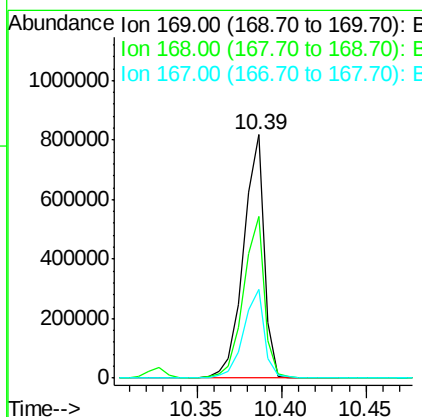
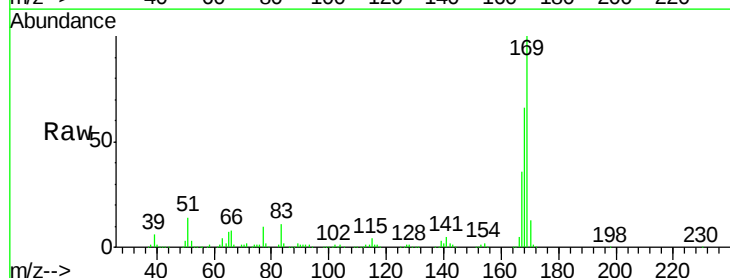
Manual Integrations
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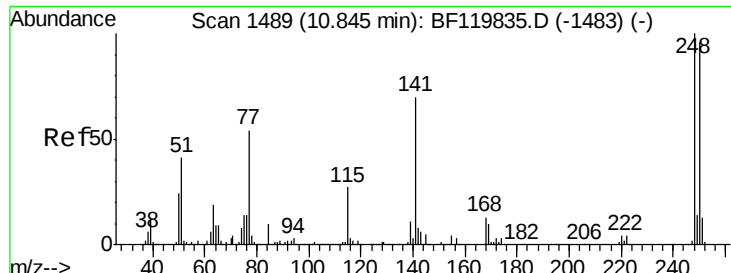
mohammad
 4/24/2020 4:17:59 AM



#66
 n-Nitrosodiphenylamine
 Concen: 43.01 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	699233		
168	66.3	53.2	79.8	
167	36.4	29.1	43.7	





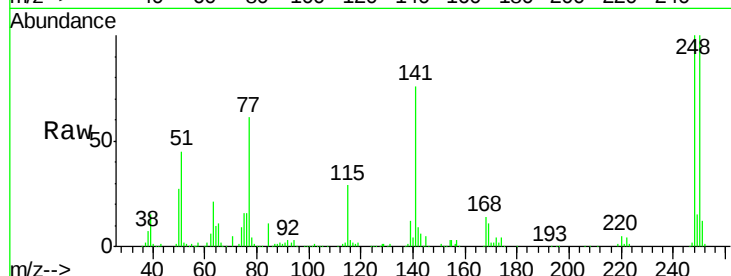
#67
4-Bromophenyl-phenylether
Concen: 37.09 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

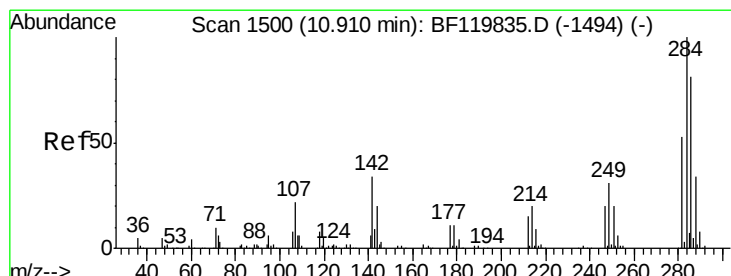
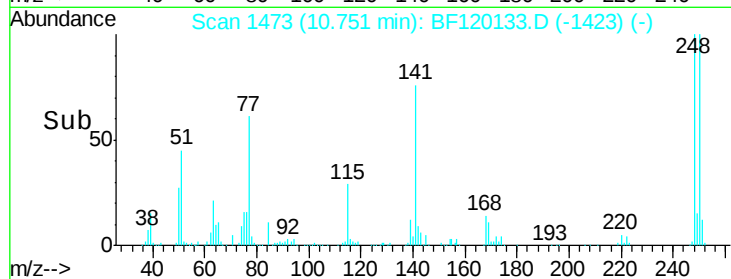
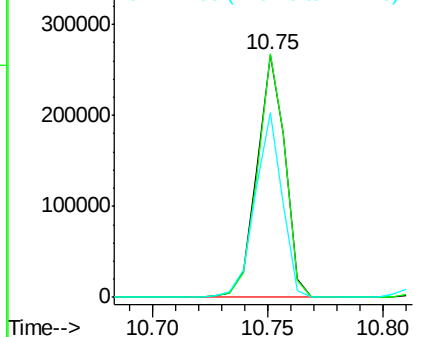
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	225478		
250	100.5	77.3	115.9	
141	76.4	58.6	87.8	

Manual Integrations
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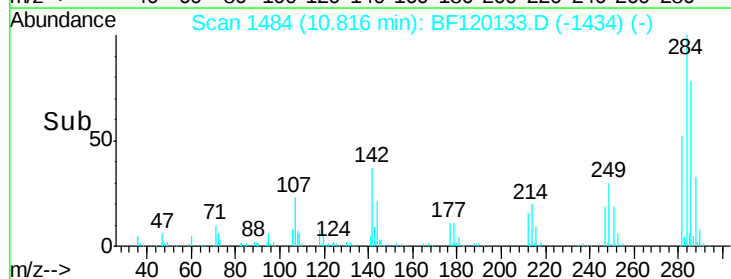
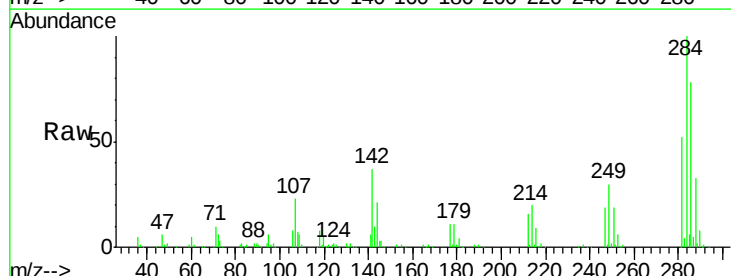
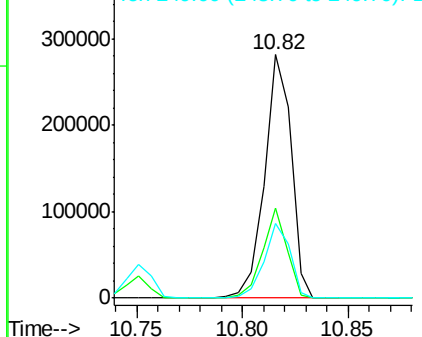
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

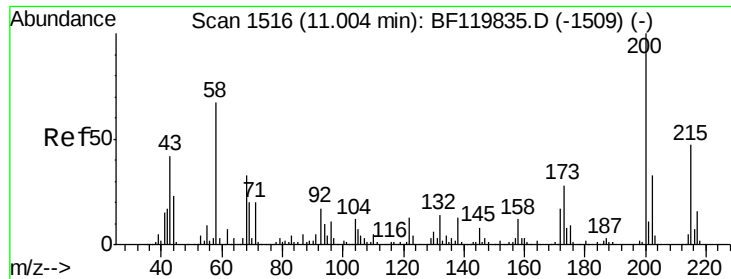


#68
Hexachlorobenzene
Concen: 40.13 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	247514		
142	37.0	29.2	43.8	
249	30.4	25.1	37.7	

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





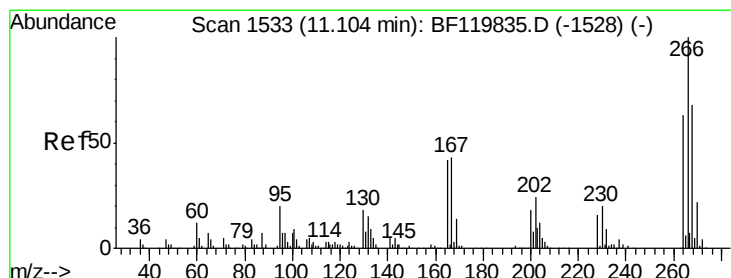
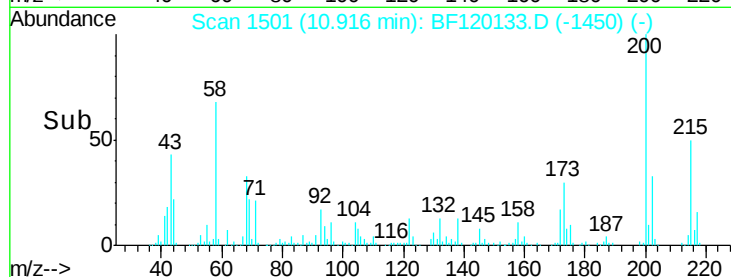
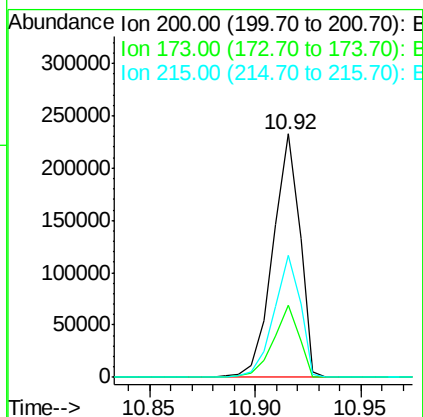
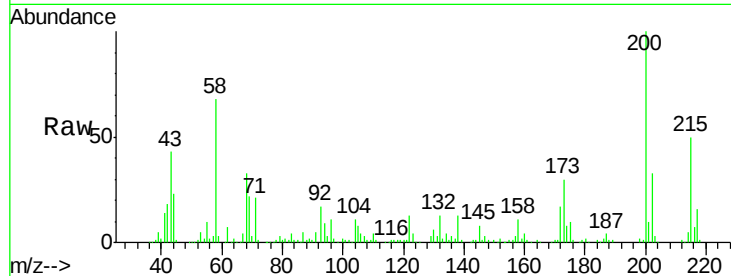
#69
Atrazine
Concen: 45.77 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.7	9.3	49.3
215	50.1	29.5	69.5

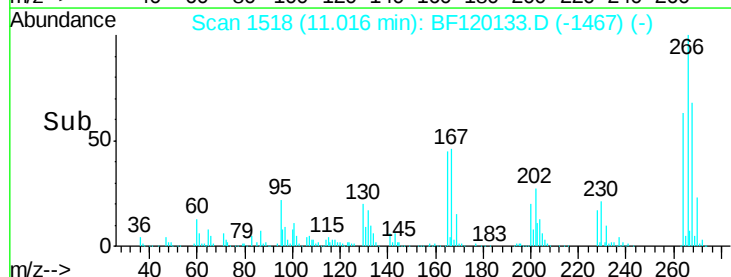
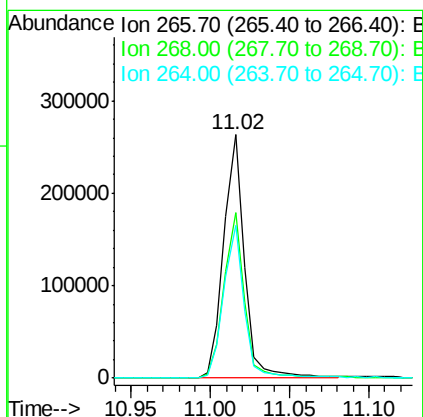
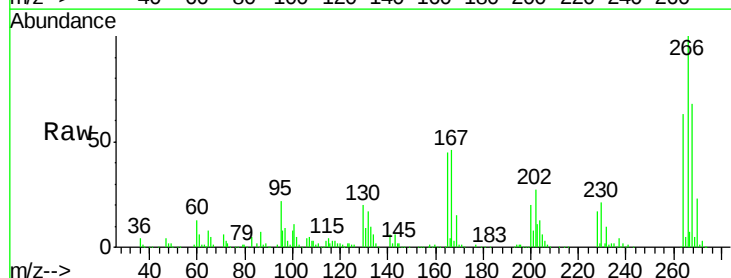
Manual Integrations
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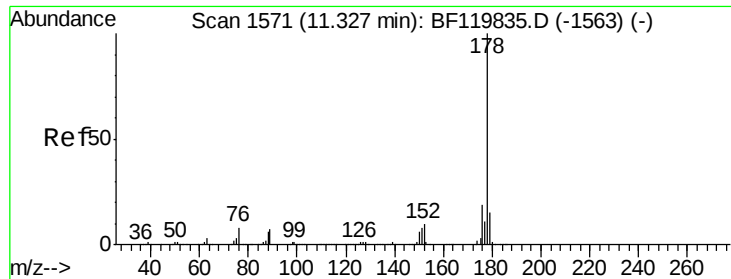
mohammad
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#70
Pentachlorophenol
Concen: 67.75 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.8	53.3	79.9
264	63.0	49.0	73.4





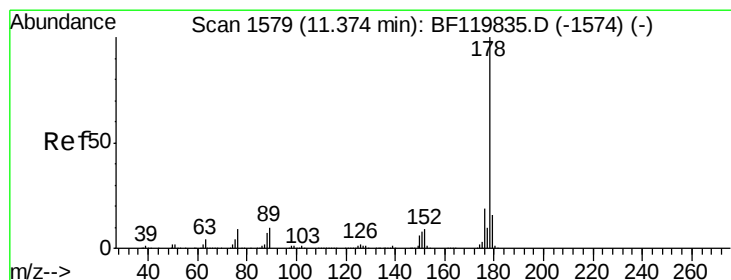
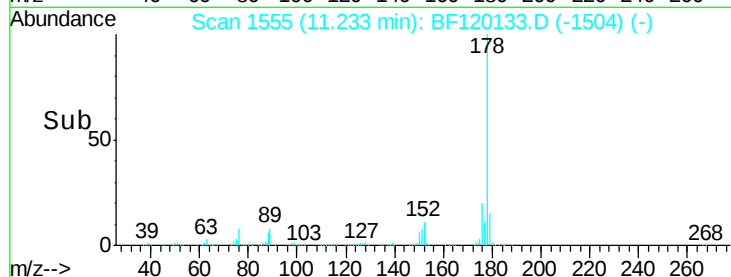
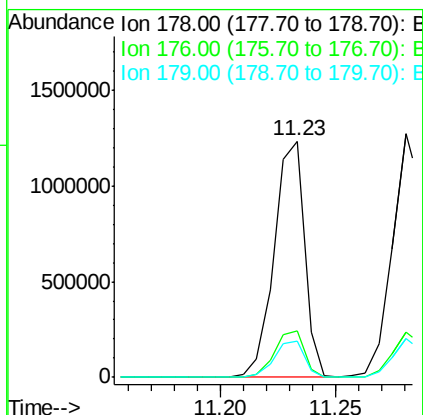
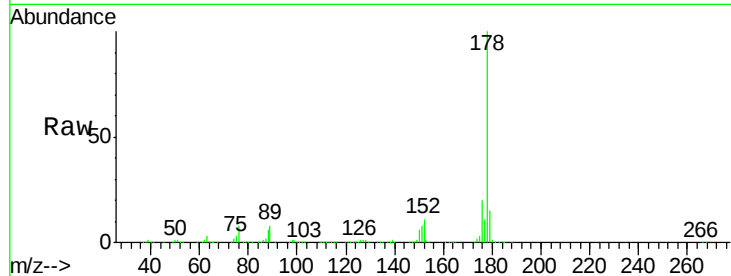
#71
Phenanthrene
Concen: 43.29 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion:178 Resp: 1126357
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.4 13.2 19.8

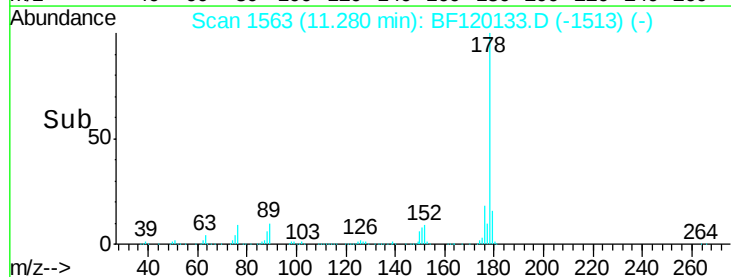
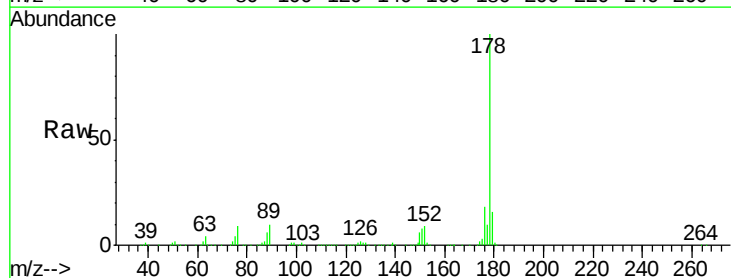
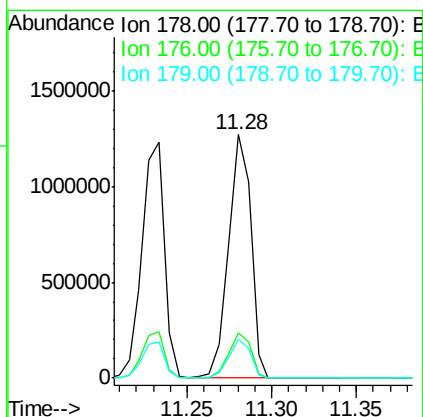
Manual Integrations
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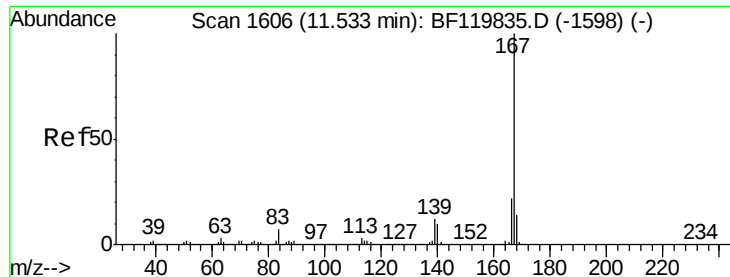
mohammad
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#72
Anthracene
Concen: 43.89 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion:178 Resp: 1166620
Ion Ratio Lower Upper
178 100
176 18.4 16.1 24.1
179 15.9 13.0 19.4





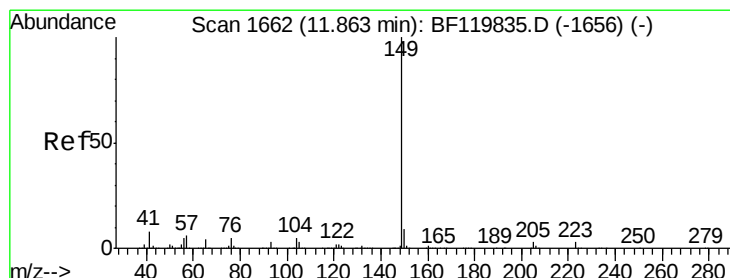
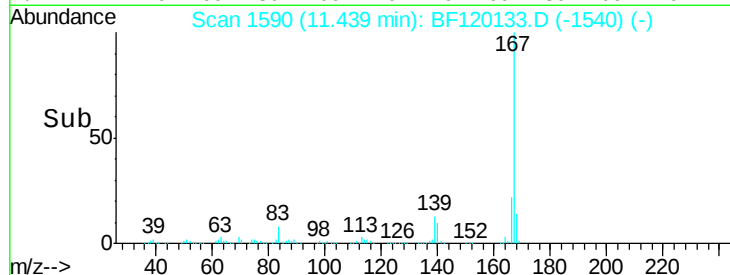
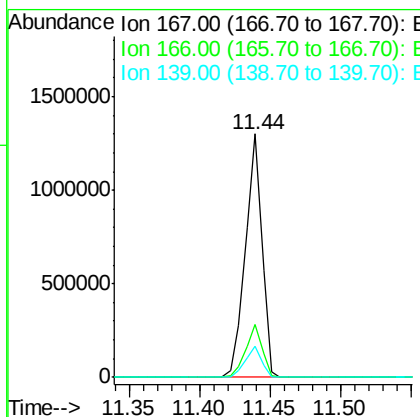
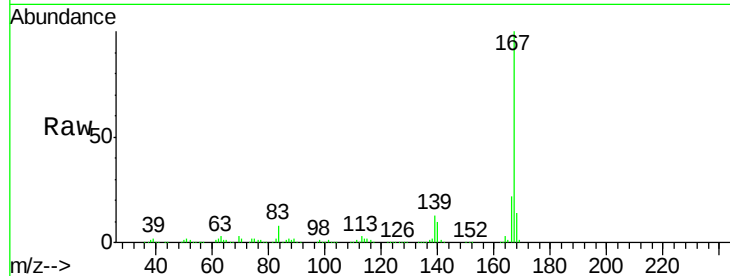
#73
 Carbazole
 Concen: 42.54 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	12.9	10.7	16.1

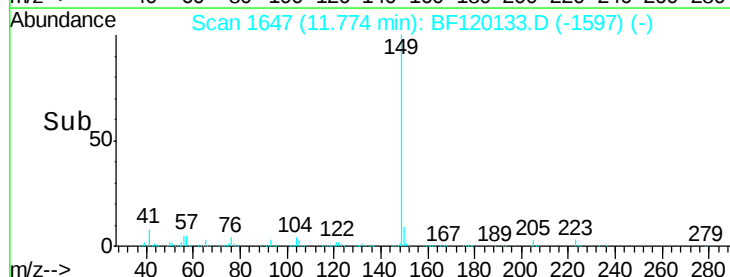
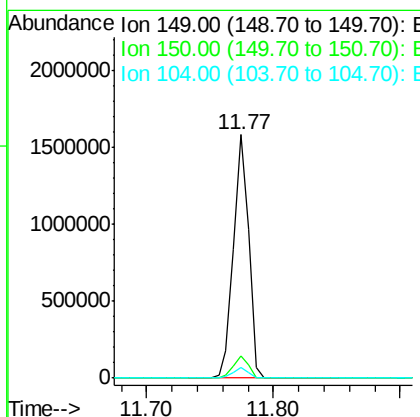
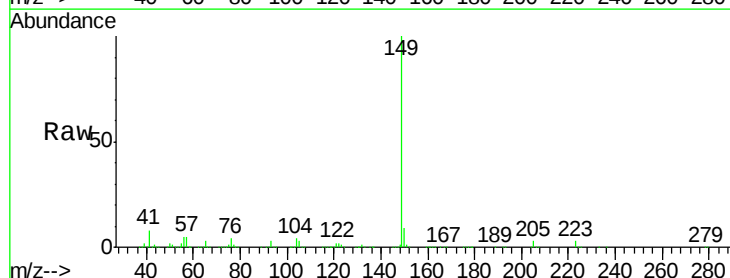
Manual Integrations
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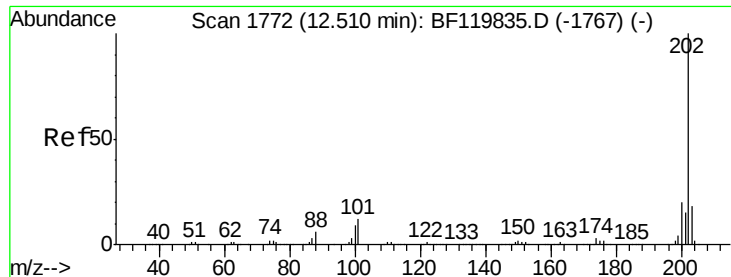
mohammad
 4/24/2020 4:17:59 AM



#74
 Di-n-butylphthalate
 Concen: 39.12 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.8
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 44.40 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Instrument :

BNA_F

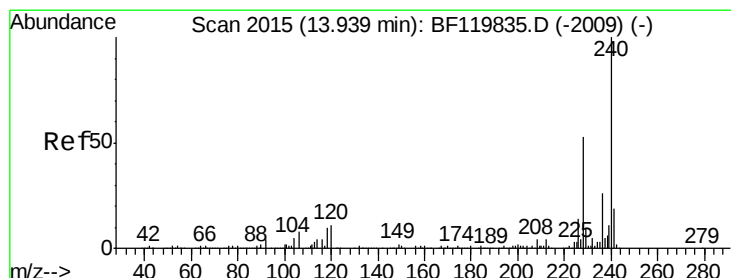
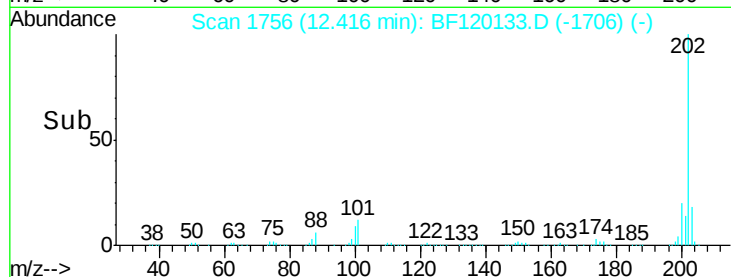
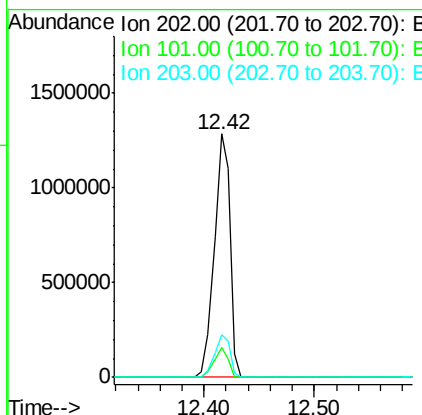
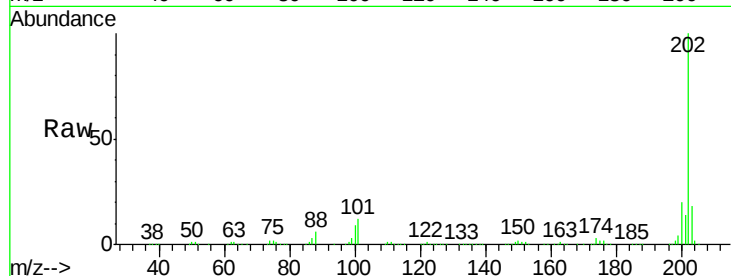
ClientSampleId :

PB128402BS

Tgt Ion:	202	Resp:	1246568
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.2
203	17.5	0.0	38.8

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#76

Chrysene-d12

Concen: 20.00 ng

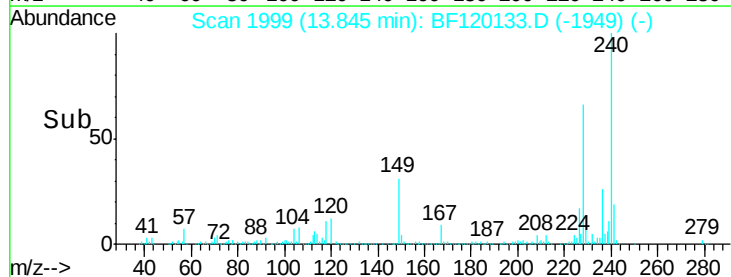
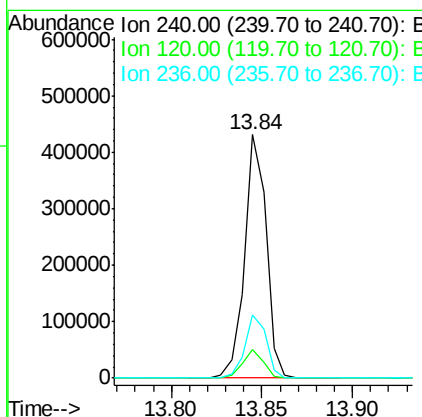
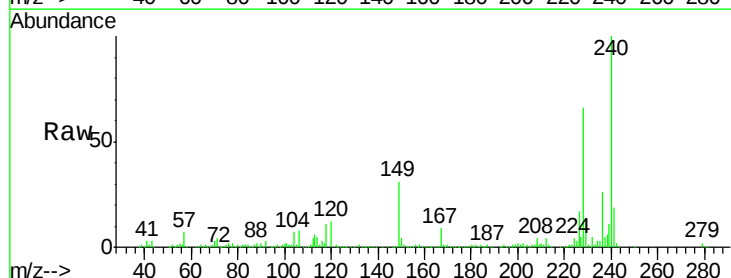
RT: 13.84 min Scan# 1999

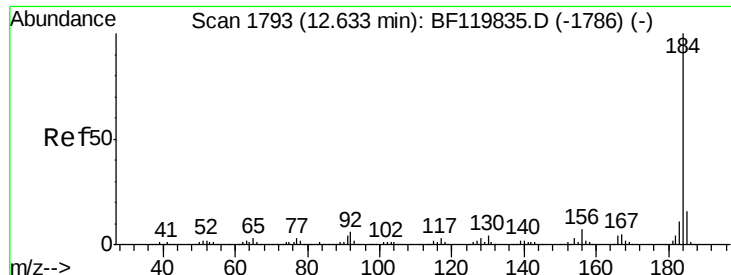
Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Tgt Ion:	240	Resp:	355150
Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.6	15.8
236	26.0	20.2	30.2





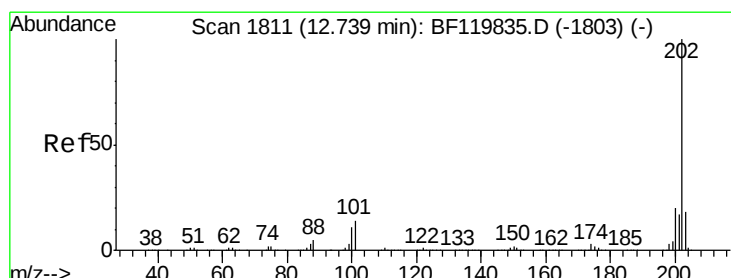
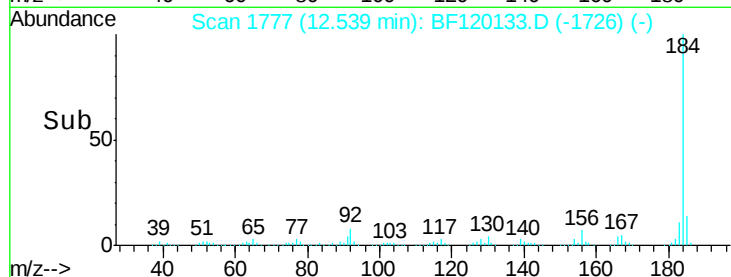
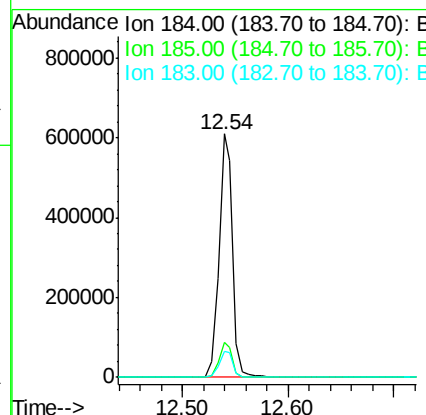
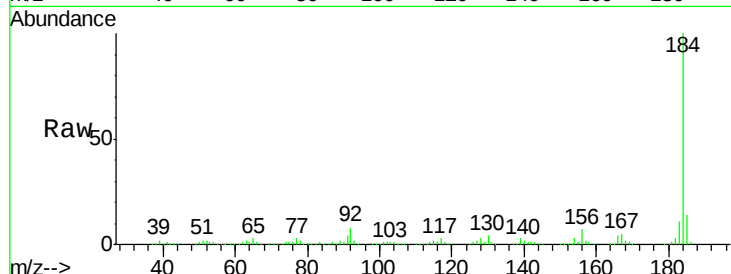
#77
Benzidine
Concen: 46.13 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	553795		
185	14.2	12.3	18.5	
183	10.6	9.0	13.6	

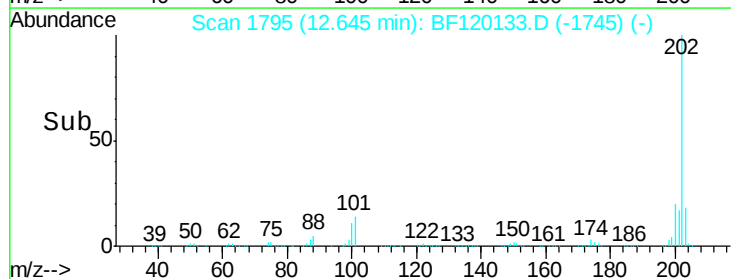
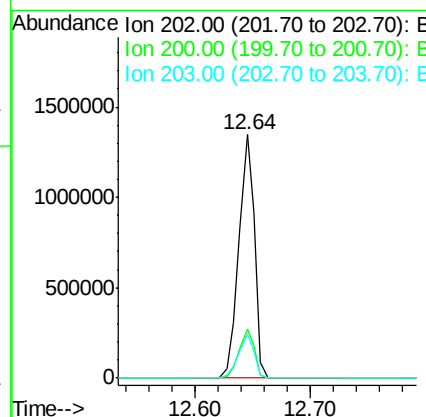
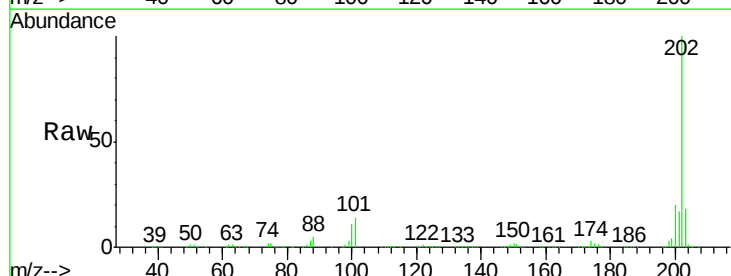
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#78
Pyrene
Concen: 41.89 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1254120		
200	20.3	16.8	25.2	
203	18.0	15.1	22.7	





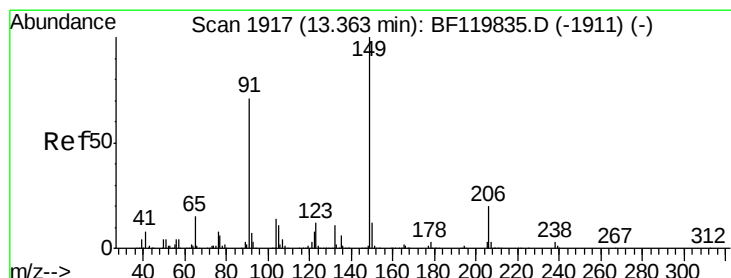
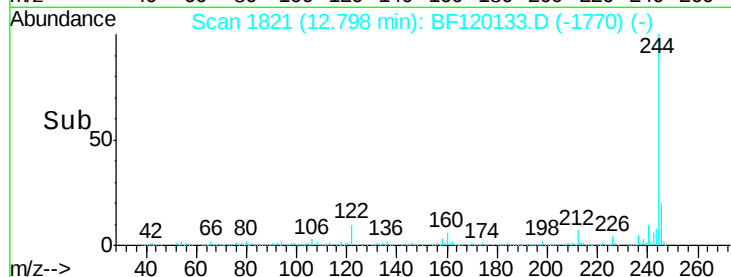
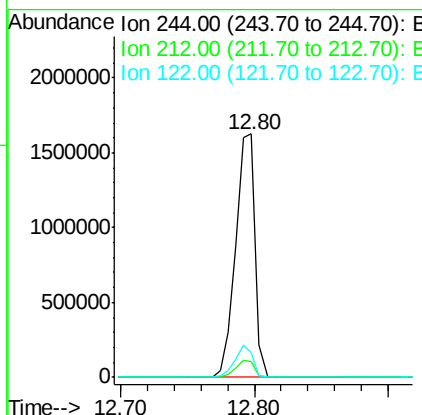
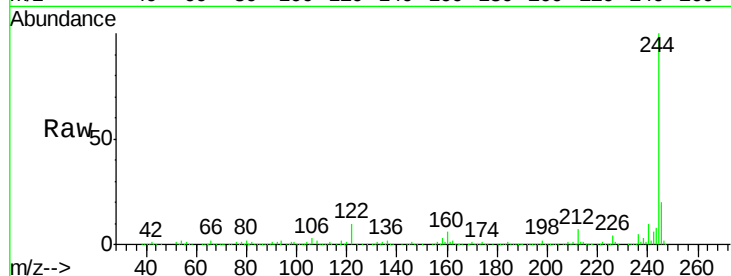
#79
 Terphenyl-d14
 Concen: 78.48 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB128402BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.4	10.3	15.5

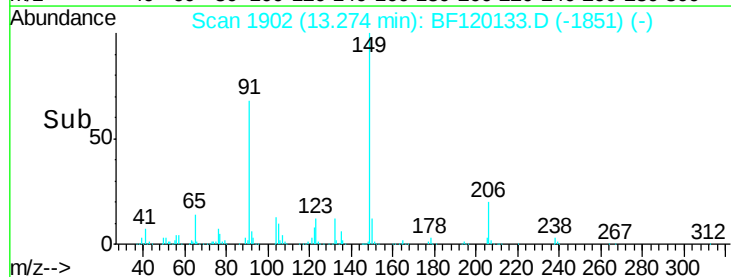
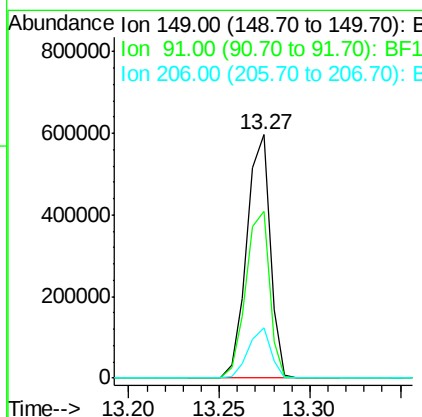
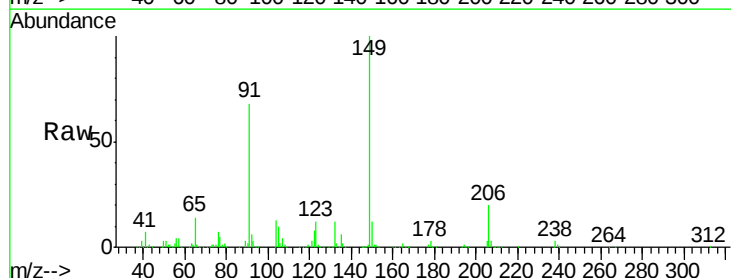
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 36.91 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF120133.D
 Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	54.7	82.1
206	20.5	16.2	24.2





#81

Benzo(a)anthracene

Concen: 42.85 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

Instrument :

BNA_F

ClientSampleId :

PB128402BS

Tgt Ion: 228 Resp: 1001223

Ion Ratio Lower Upper

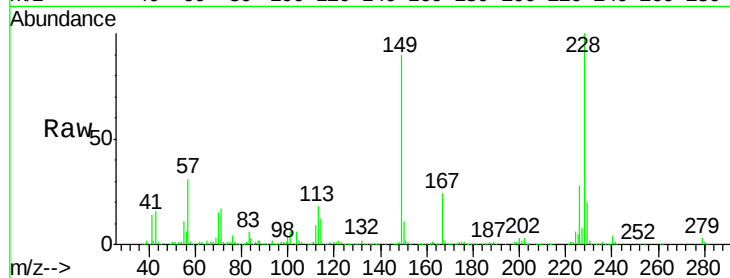
228 100

226 27.6 21.8 32.8

229 20.0 16.2 24.4

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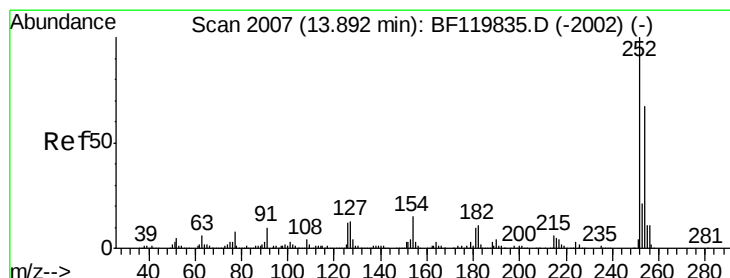
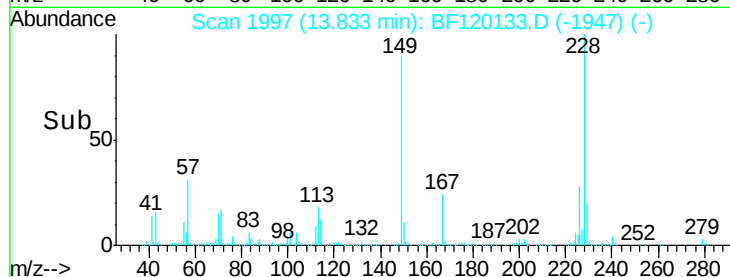
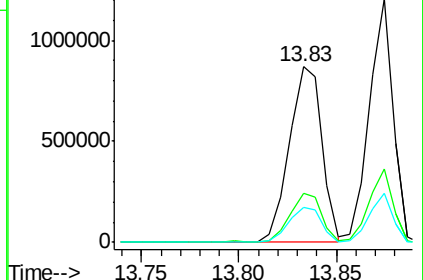
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.29 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF120133.D

Acq: 22 Apr 2020 16:10

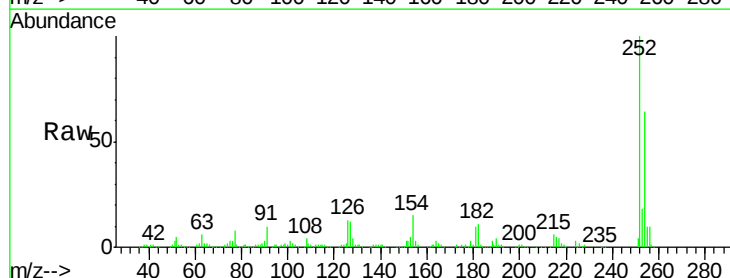
Tgt Ion: 252 Resp: 255310

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

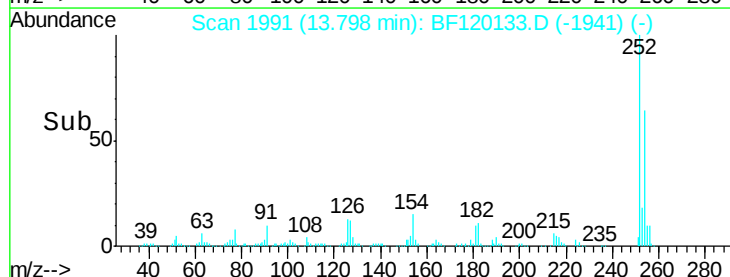
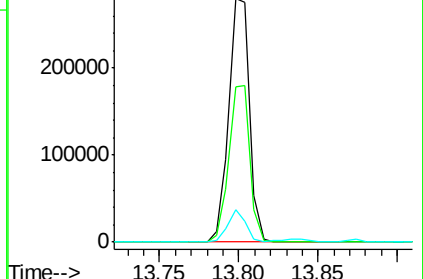
126 13.5 9.6 14.4

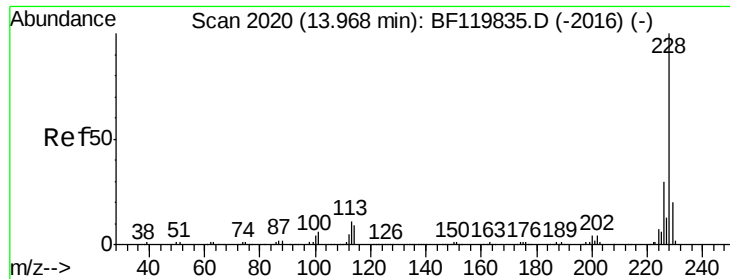


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





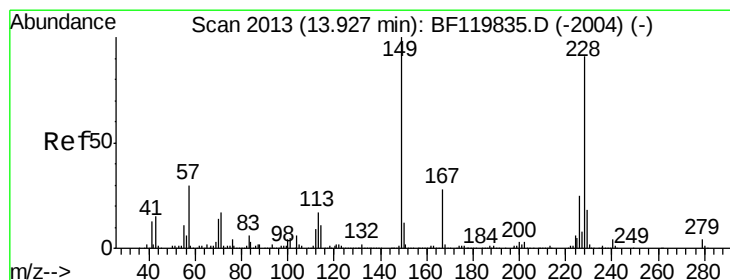
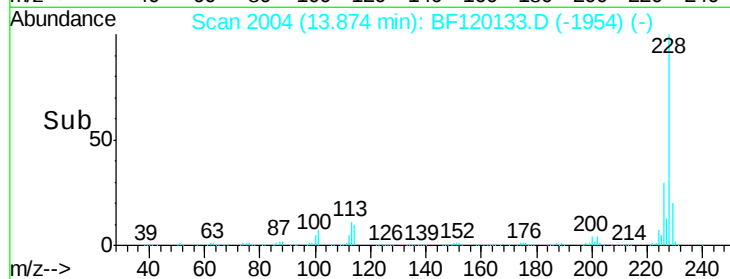
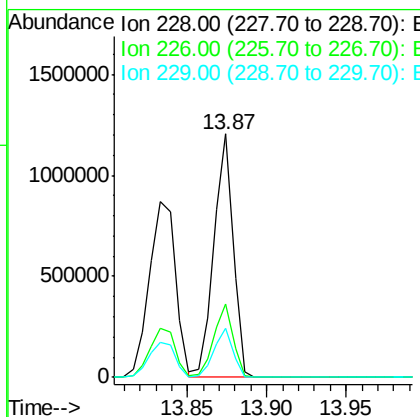
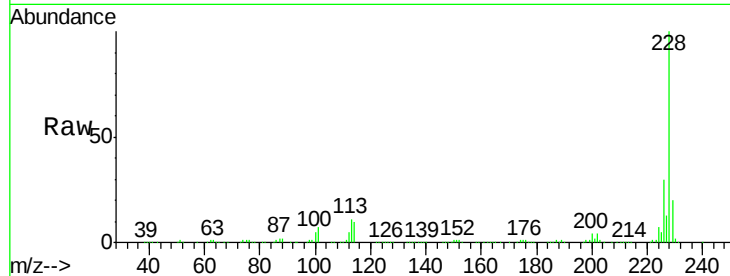
#83
Chrysene
Concen: 43.04 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion:228 Resp: 1021833
Ion Ratio Lower Upper
228 100
226 30.0 25.4 38.0
229 20.1 16.6 24.8

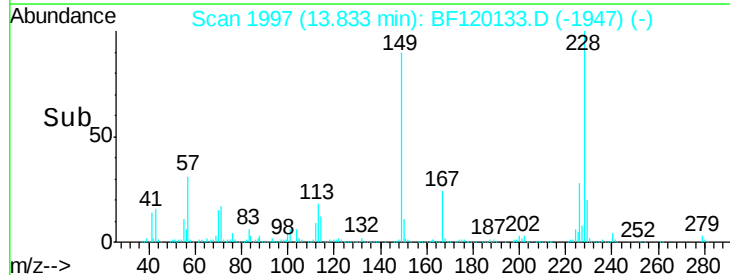
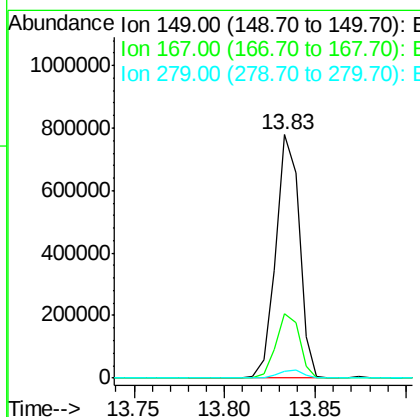
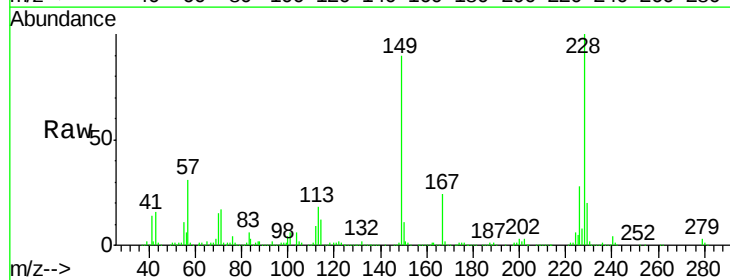
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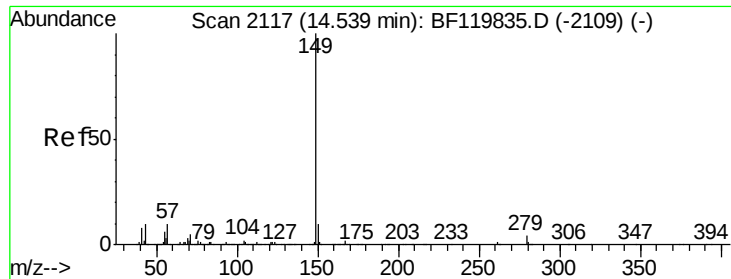
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.75 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion:149 Resp: 703348
Ion Ratio Lower Upper
149 100
167 26.3 21.3 31.9
279 2.9 2.7 4.1





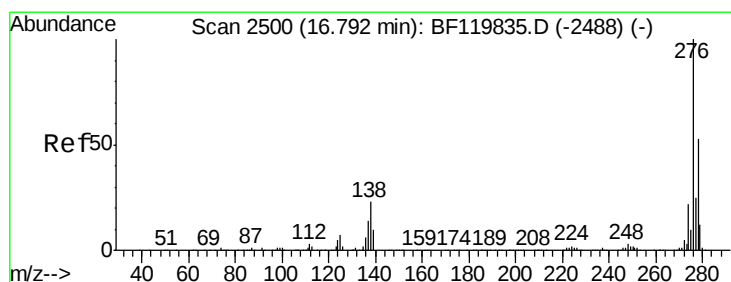
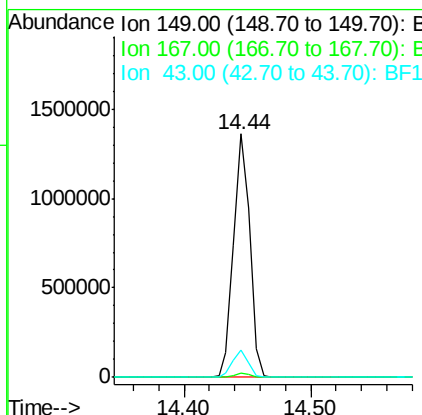
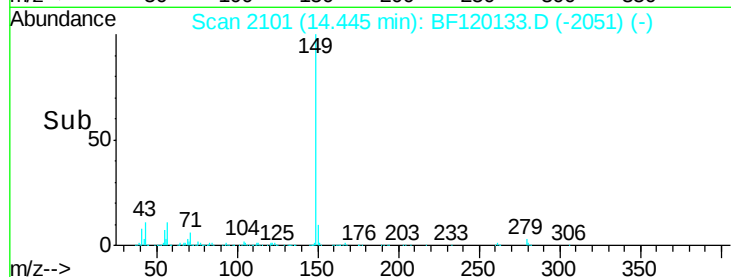
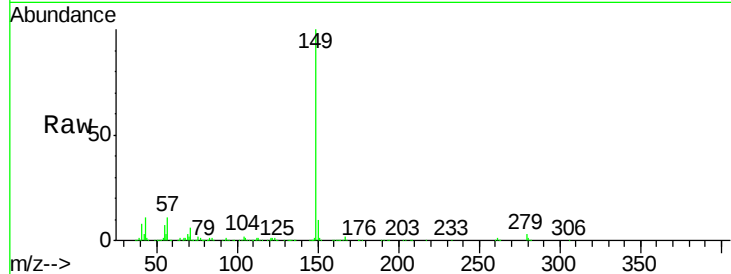
#85
Di-n-octyl phthalate
Concen: 35.61 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.7	9.3	13.9

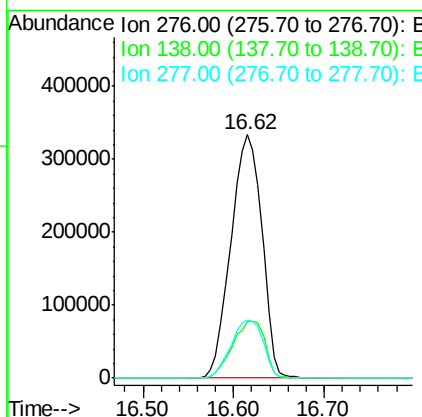
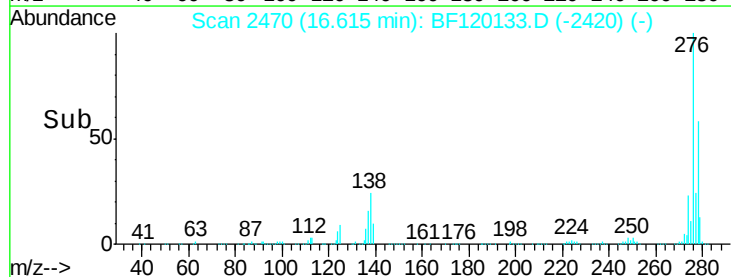
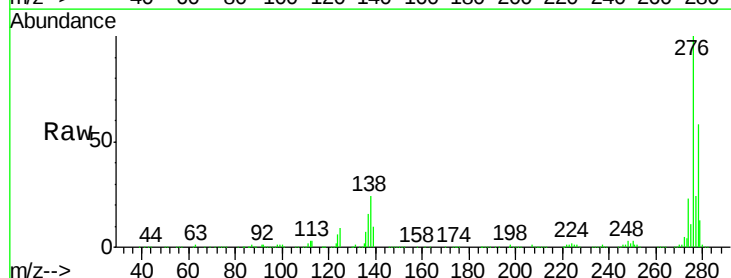
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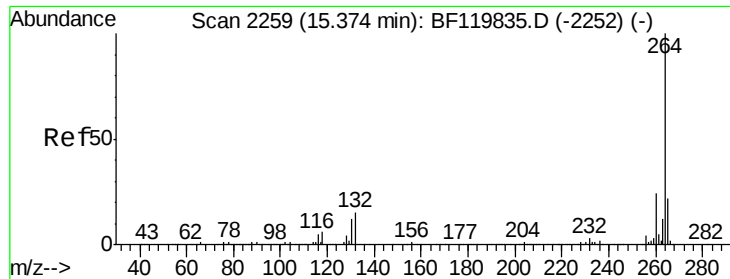
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.02 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.6	29.4
277	25.0	20.0	30.0





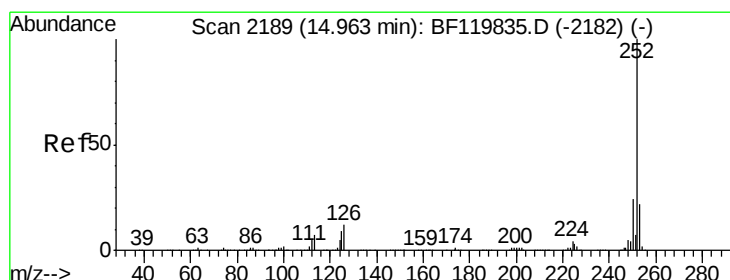
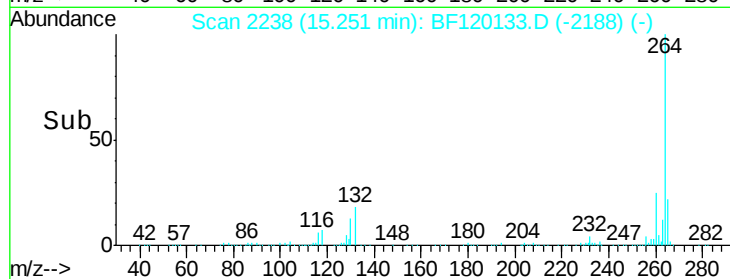
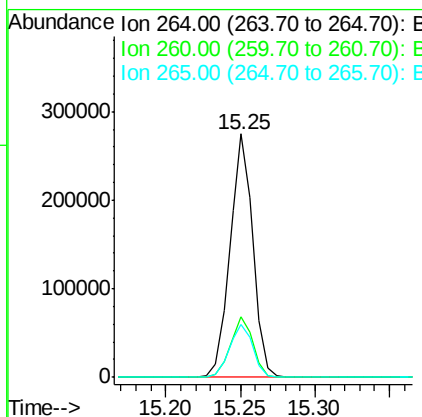
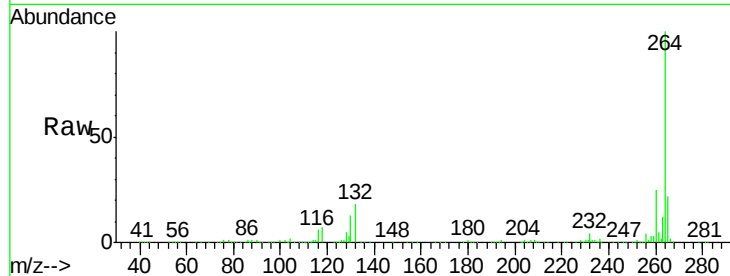
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	295908		
260	24.8	18.7	28.1	
265	21.7	17.7	26.5	

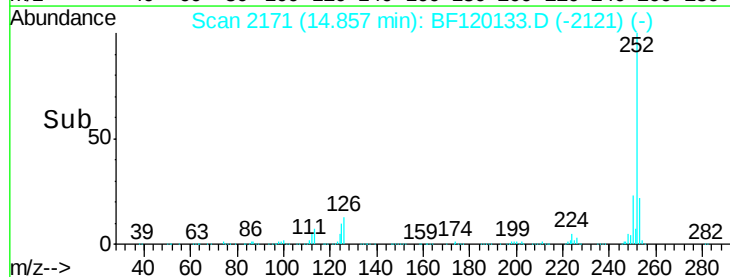
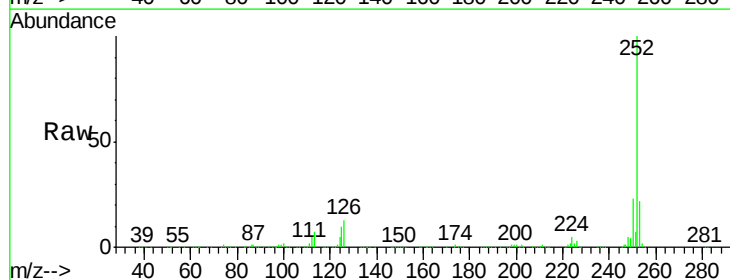
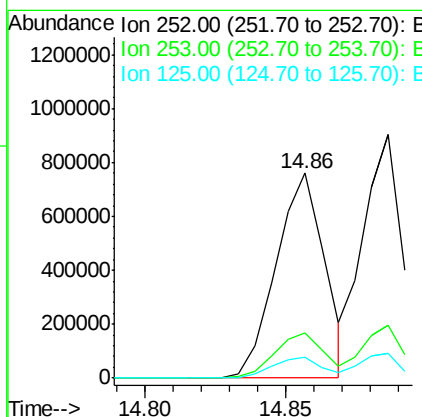
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#88
Benzo(b)fluoranthene
Concen: 42.68 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	908508		
253	21.8	17.4	26.0	
125	10.4	7.9	11.9	





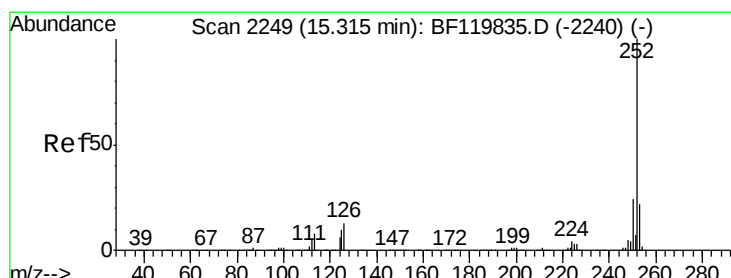
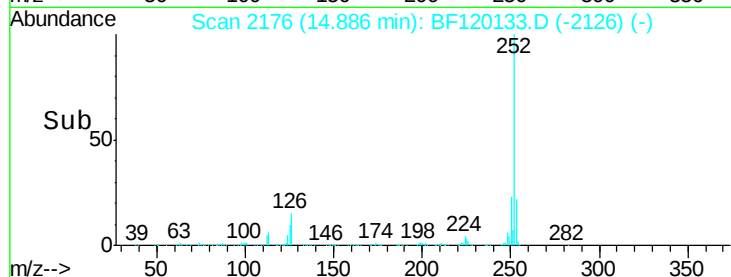
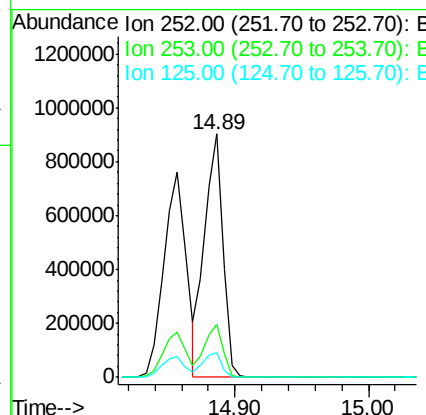
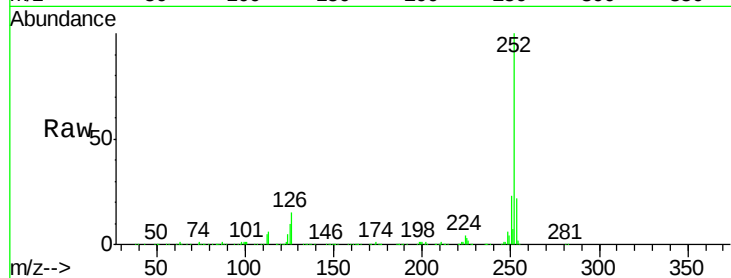
#89
Benzo(k)fluoranthene
Concen: 46.92 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.3	8.4	12.6

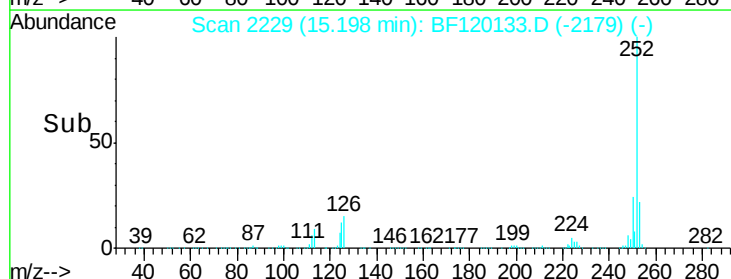
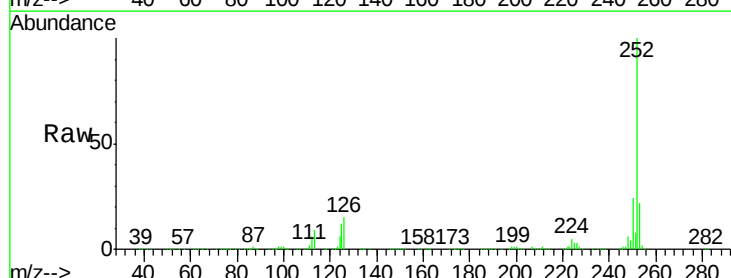
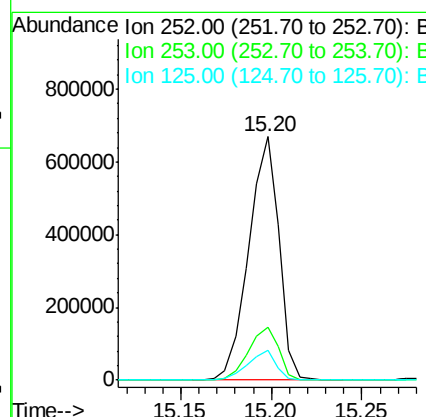
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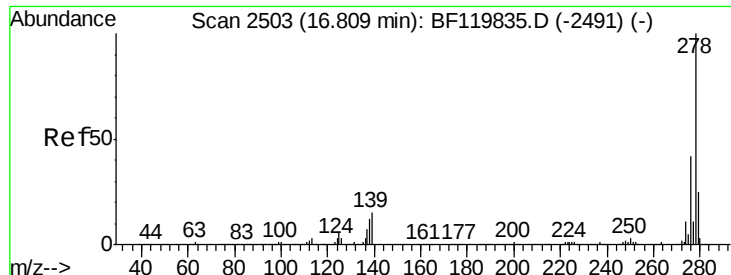
mohammad
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#90
Benzo(a)pyrene
Concen: 43.18 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	12.0	9.4	14.2





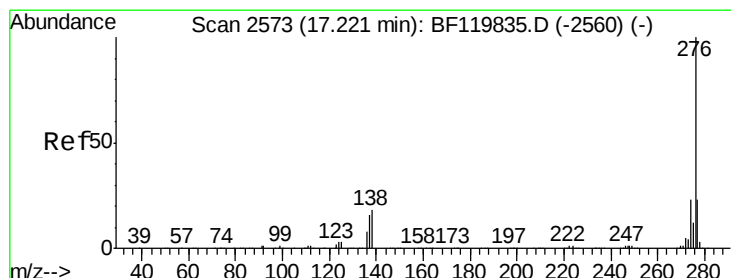
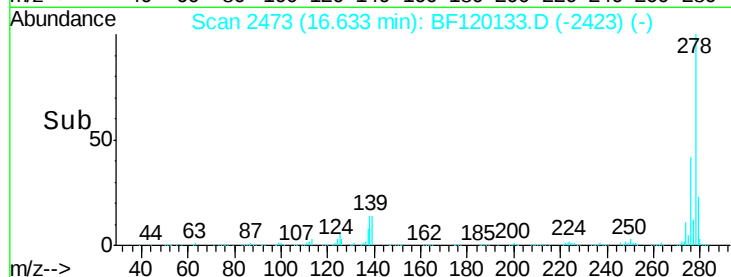
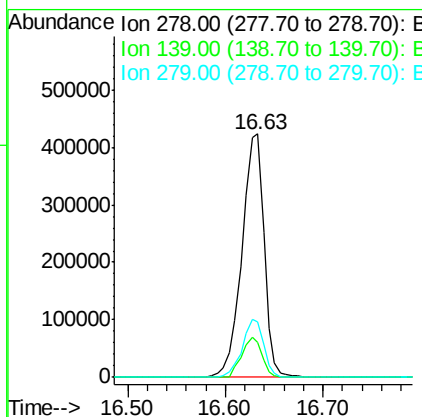
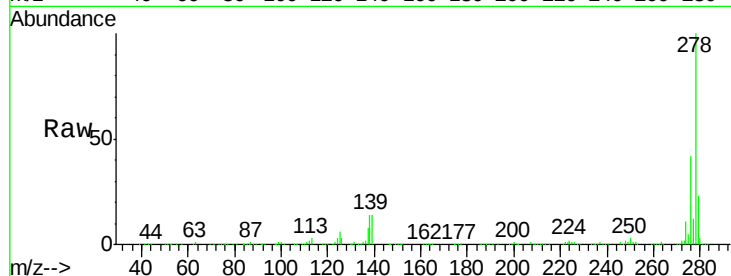
#91
Dibenzo(a,h)anthracene
Concen: 42.42 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Instrument :
BNA_F
ClientSampleId :
PB128402BS

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	672488		
139	14.2		12.6	19.0
279	22.6		19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 41.50 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF120133.D
Acq: 22 Apr 2020 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	649453		
277	22.5		18.4	27.6
138	21.1		15.4	23.0

