

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121274.D
 Acq On : 13 Aug 2020 17:01
 Operator : JU/CG
 Sample : PB130942BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:53:34 PM

Quant Time: Aug 13 18:01:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

8/14/2020 2:53:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	83621	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	328533	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	170934	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	331796	20.00	ng	0.00
76) Chrysene-d12	13.87	240	276336	20.00	ng	0.00
86) Perylene-d12	15.29	264	274706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	550071	99.73	ng	0.01
7) Phenol-d6	6.36	99	653538	91.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	425278	70.75	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	205124	97.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	816076	66.04	ng	0.00
79) Terphenyl-d14	12.82	244	937223	66.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	75809	32.297	ng	98
3) Pyridine	3.05	79	177158	28.994	ng	99
4) n-Nitrosodimethylamine	2.99	42	103525	41.370	ng	99
6) Aniline	6.38	93	316789	37.597	ng	99
8) 2-Chlorophenol	6.50	128	240421	39.640	ng	99
9) Benzaldehyde	6.27	77	146868	40.097	ng	98
10) Phenol	6.37	94	297540	38.590	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	224517	40.341	ng	97
12) 1,3-Dichlorobenzene	6.66	146	245704	38.340	ng	99
13) 1,4-Dichlorobenzene	6.74	146	248860	38.420	ng	100
14) 1,2-Dichlorobenzene	6.89	146	240101	39.276	ng	99
15) Benzyl Alcohol	6.87	79	188696	39.632	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	317978	39.677	ng	99
17) 2-Methylphenol	6.99	107	196766	41.071	ng	97
18) Hexachloroethane	7.23	117	90619	39.561	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	148469	37.595	ng	98
20) 3+4-Methylphenols	7.14	107	230940	37.994	ng	# 85
22) Acetophenone	7.13	105	312132	36.887	ng	98
24) Nitrobenzene	7.30	77	240287	36.839	ng	94
25) Isophorone	7.55	82	439066	36.379	ng	96
26) 2-Nitrophenol	7.62	139	123622	39.116	ng	91
27) 2,4-Dimethylphenol	7.67	122	209595	41.392	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	278784	41.298	ng	99
29) 2,4-Dichlorophenol	7.87	162	196702	37.987	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	214227	37.484	ng	99
31) Naphthalene	8.03	128	673475	36.437	ng	99
32) Benzoic acid	7.79	122	102949	38.470	ng	97
33) 4-Chloroaniline	8.08	127	256944	34.064	ng	98
34) Hexachlorobutadiene	8.15	225	120661	34.894	ng	99
35) Caprolactam	8.43	113	65066m	41.718	ng	
36) 4-Chloro-3-methylphenol	8.56	107	204137	38.640	ng	98
37) 2-Methylnaphthalene	8.72	142	451355	37.109	ng	99
38) 1-Methylnaphthalene	8.82	142	422383	36.677	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	213891	37.345	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121274.D
 Acq On : 13 Aug 2020 17:01
 Operator : JU/CG
 Sample : PB130942BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Manual Integrations
 APPROVED

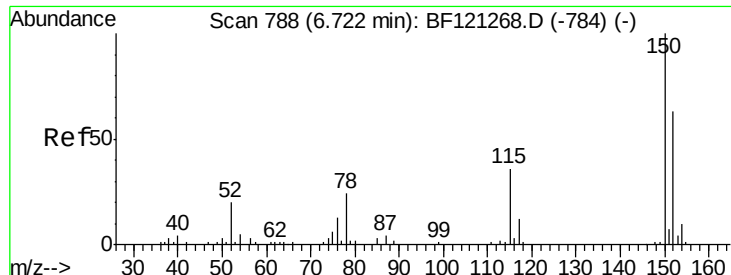
Sohil
 8/14/2020 2:53:34 PM

Quant Time: Aug 13 18:01:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

8/14/2020 2:53:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	188611	77.355	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	139717	38.357	ng	100
44) 2,4,5-Trichlorophenol	9.04	196	153709	38.851	ng	97
46) 1,1'-Biphenyl	9.18	154	558920	37.842	ng	99
47) 2-Chloronaphthalene	9.20	162	423825	37.278	ng	97
48) 2-Nitroaniline	9.30	65	131211	41.058	ng	95
49) Acenaphthylene	9.62	152	680583	37.689	ng	100
50) Dimethylphthalate	9.48	163	505733	39.318	ng	99
51) 2,6-Dinitrotoluene	9.55	165	111073	38.739	ng	97
52) Acenaphthene	9.79	154	392933	36.752	ng	100
53) 3-Nitroaniline	9.71	138	102094	31.185	ng	94
54) 2,4-Dinitrophenol	9.83	184	92065	64.355	ng	97
55) Dibenzofuran	9.96	168	619126	36.363	ng	98
56) 4-Nitrophenol	9.89	139	176419	83.503	ng	91
57) 2,4-Dinitrotoluene	9.95	165	152266	40.466	ng	98
58) Fluorene	10.30	166	458409	35.568	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	129206	41.304	ng	97
60) Diethylphthalate	10.18	149	515698	39.427	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	230329	36.745	ng	99
62) 4-Nitroaniline	10.32	138	130251	39.683	ng	95
63) Azobenzene	10.46	77	487104	37.271	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	76203	38.422	ng	92
66) n-Nitrosodiphenylamine	10.42	169	435760	38.302	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	150495	38.885	ng	97
68) Hexachlorobenzene	10.85	284	170072	38.536	ng	98
69) Atrazine	10.94	200	124590	36.612	ng	98
70) Pentachlorophenol	11.05	266	167206	84.687	ng	98
71) Phenanthrene	11.26	178	713640	37.596	ng	99
72) Anthracene	11.32	178	743642	39.040	ng	100
73) Carbazole	11.47	167	696783	37.403	ng	100
74) Di-n-butylphthalate	11.80	149	842736	40.078	ng	100
75) Fluoranthene	12.45	202	815986	38.606	ng	99
77) Benzidine	12.57	184	504236	69.411	ng	99
78) Pyrene	12.67	202	845117	41.069	ng	99
80) Butylbenzylphthalate	13.30	149	367790	43.755	ng	99
81) Benzo(a)anthracene	13.86	228	706271	37.683	ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	216858	29.163	ng	98
83) Chrysene	13.90	228	735610	38.441	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	468472	40.435	ng	100
85) Di-n-octyl phthalate	14.47	149	896385	42.198	ng	100
87) Indeno(1,2,3-cd)pyrene	16.67	276	746986	36.574	ng	99
88) Benzo(b)fluoranthene	14.89	252	695822	37.803	ng	99
89) Benzo(k)fluoranthene	14.92	252	726257	42.490	ng	99
90) Benzo(a)pyrene	15.23	252	643043	38.707	ng	99
91) Dibenzo(a,h)anthracene	16.68	278	626869	35.820	ng	99
92) Benzo(g,h,i)perylene	17.08	276	615444	35.636	ng	99

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

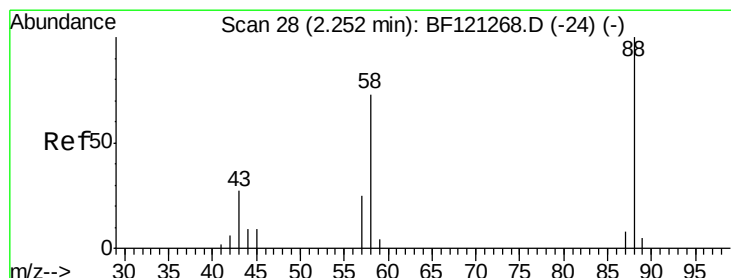
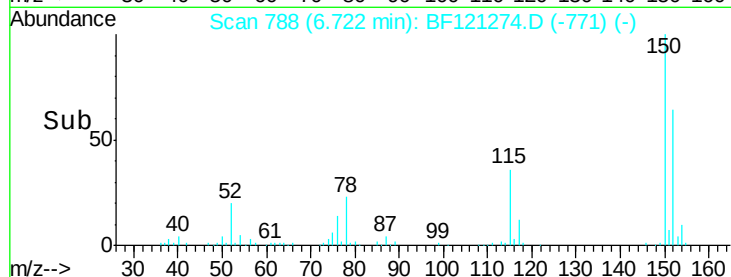
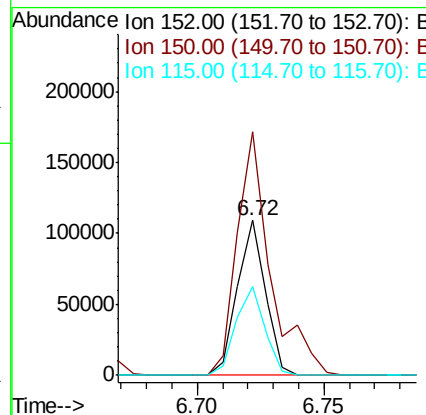
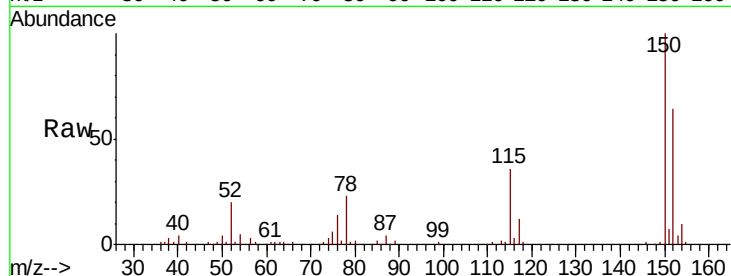
Instrument :
BNA_F
ClientSampled :
PB130942BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	129.0	193.6
115	57.0	49.0	73.4

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

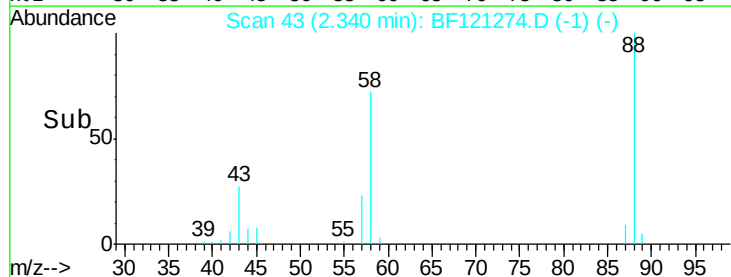
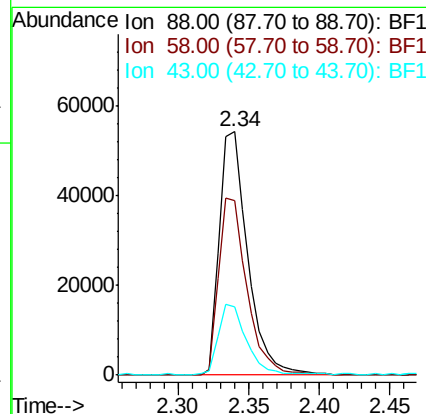
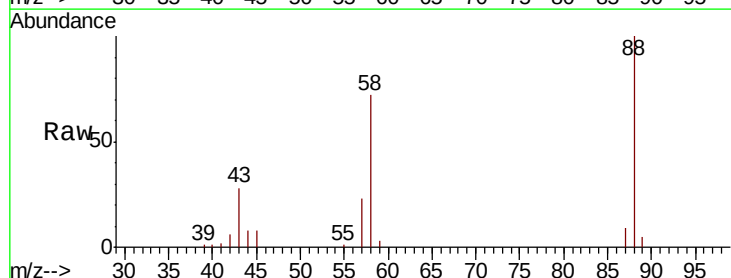
8/14/2020 2:53:34 PM

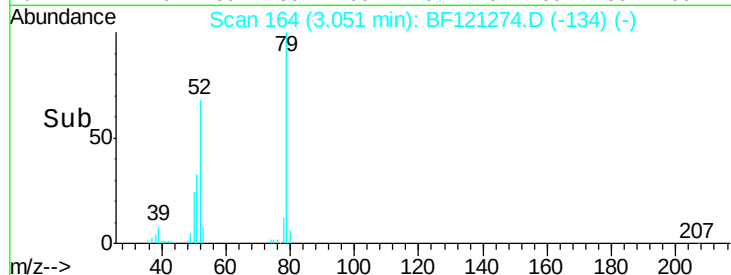
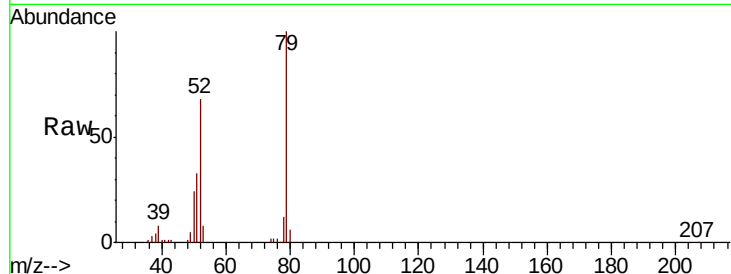
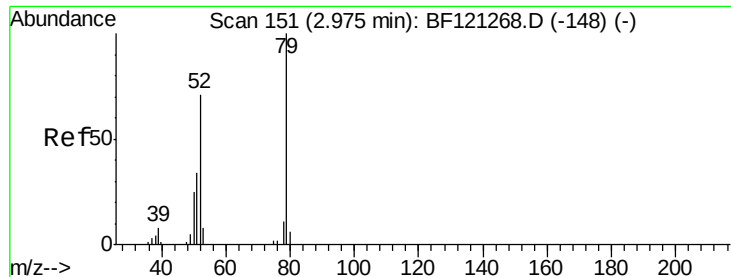


#2

1,4-Dioxane
Concen: 32.297 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.09 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	58.6	87.8
43	29.6	21.8	32.8





#3
Pvridine
Concen: 28.994 ng
RT: 3.05 min Scan# 164
Delta R.T. 0.08 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

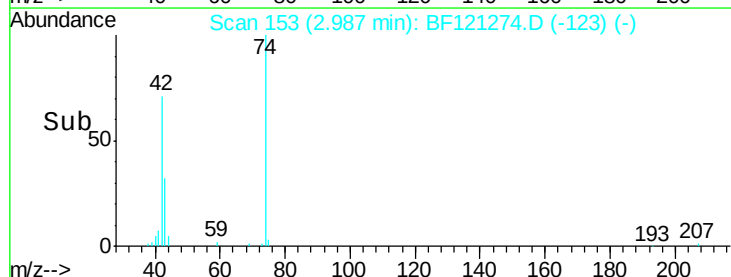
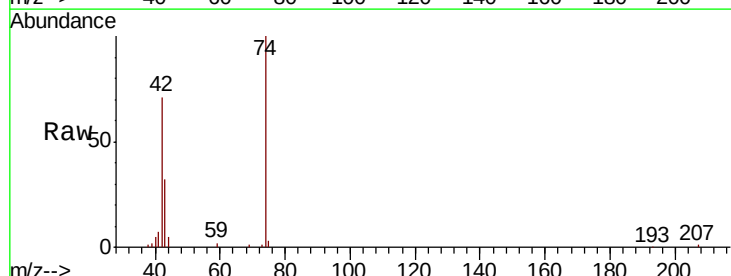
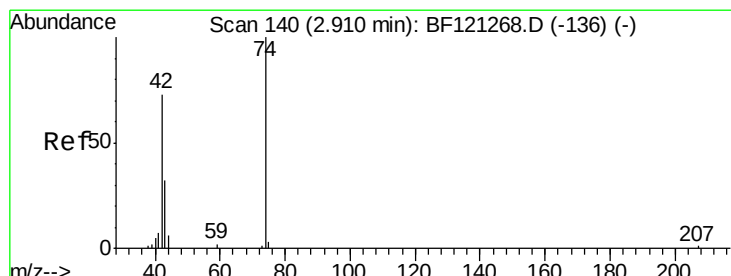
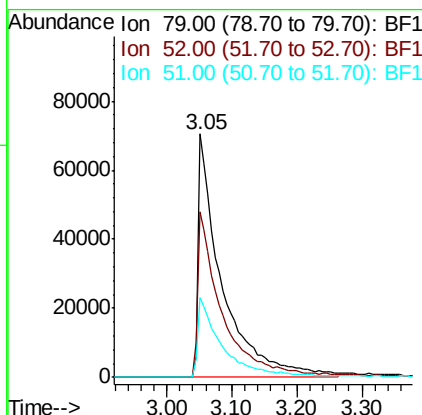
Tot Ion	79	Resp	177158
Ion Ratio	Lower	Upper	
79	100		
52	67.7	53.8	80.8
51	32.9	26.0	39.0

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Manual Integrations
APPROVED

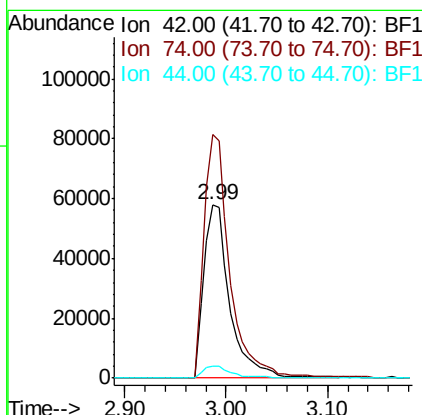
Sohil
8/14/2020 2:53:34 PM

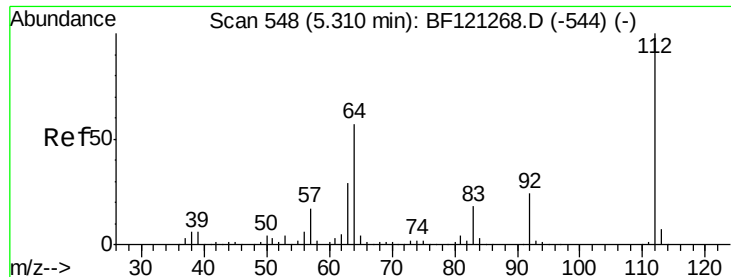
8/14/2020 2:53:34 PM



#4
n-Nitrosodimethylamine
Concen: 41.370 ng
RT: 2.99 min Scan# 153
Delta R.T. 0.08 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	42	Resp	103525
Ion Ratio	Lower	Upper	
42	100		
74	140.6	111.8	167.8
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 99.729 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampled :

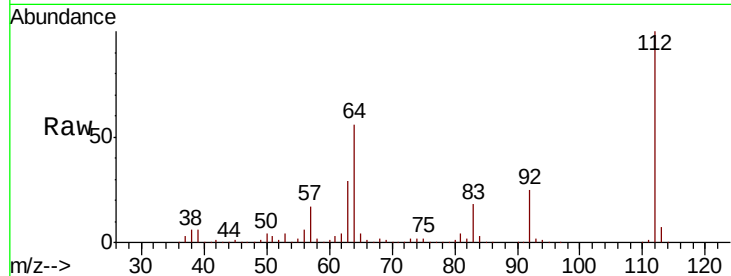
PB130942BS

Tot Ion:	112	Resp:	550071
Ion Ratio	Lower	Upper	
112	100		
64	56.1	45.4	68.2
63	28.7	23.0	34.6

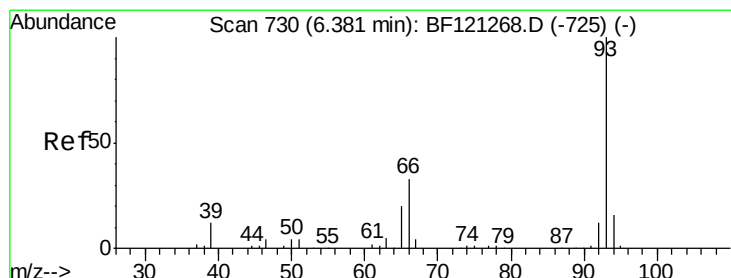
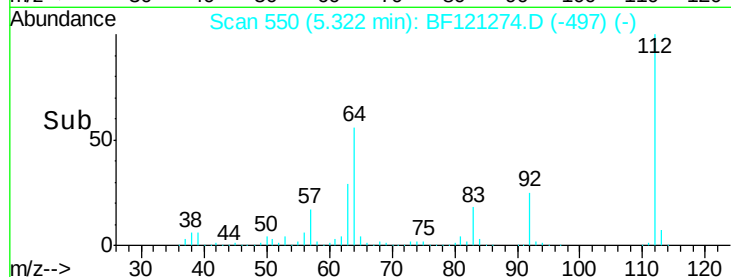
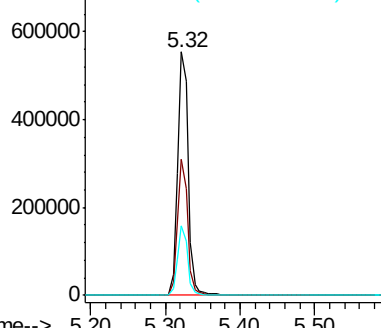
Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 37.597 ng

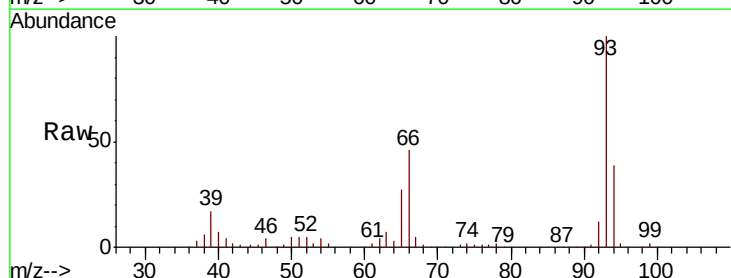
RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

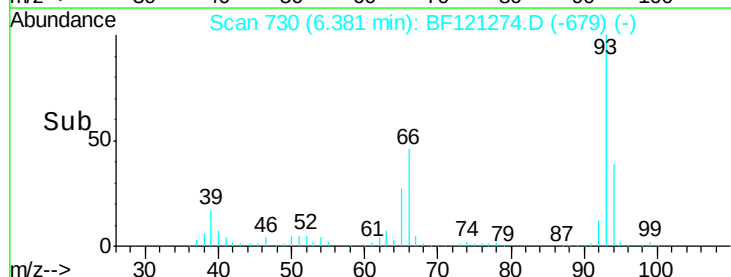
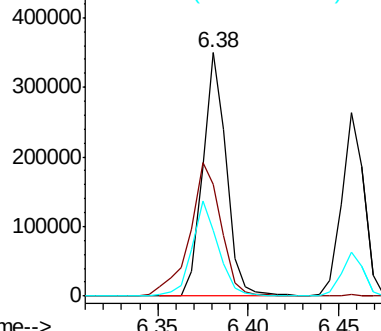
Lab File: BF121274.D

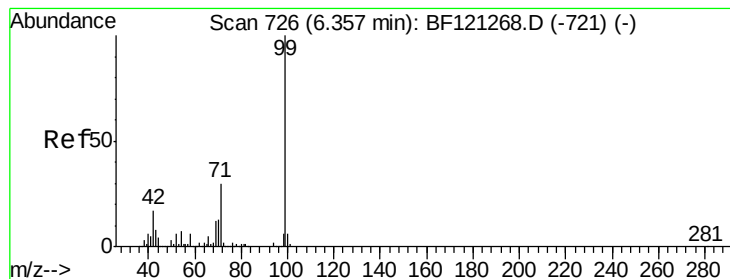
Acq: 13 Aug 2020 17:01

Tgt Ion:	93	Resp:	316789
Ion Ratio	Lower	Upper	
93	100		
66	45.7	36.2	54.4
65	26.8	20.7	31.1



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 91.948 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampled :

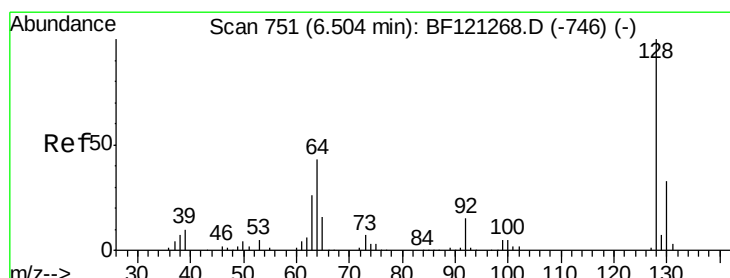
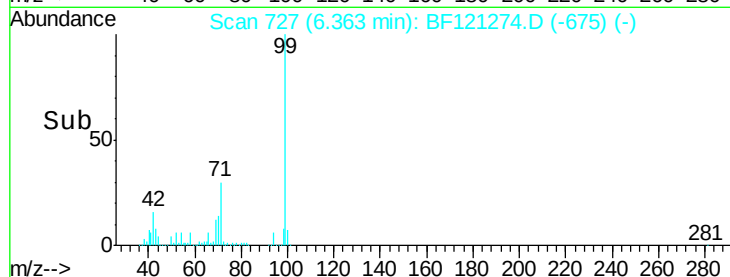
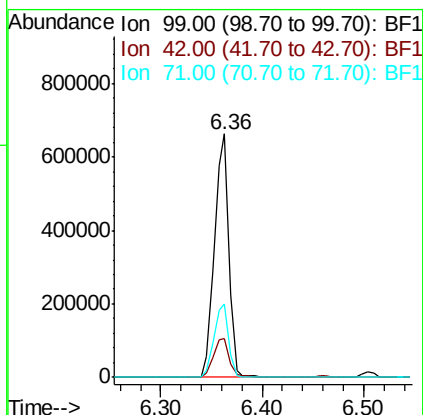
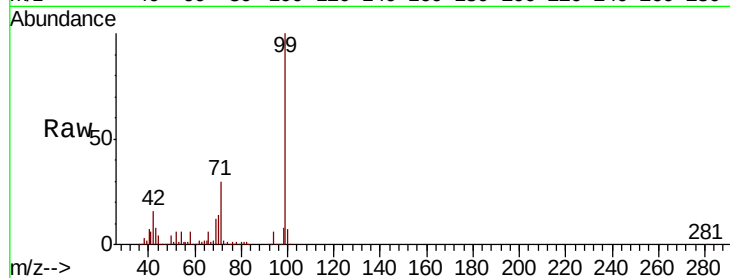
PB130942BS

Tot Ion	99	Resp	653538
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.1	19.7
71	30.0	23.7	35.5

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#8

2-Chlorophenol

Concen: 39.640 ng

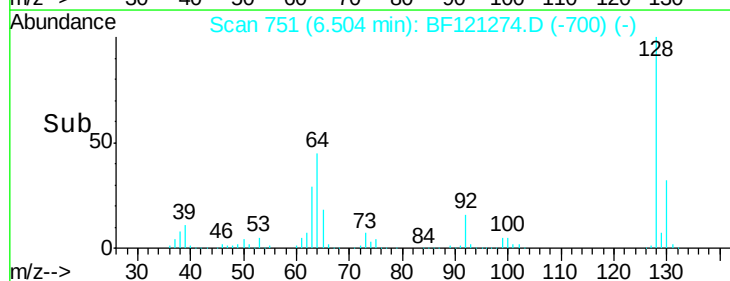
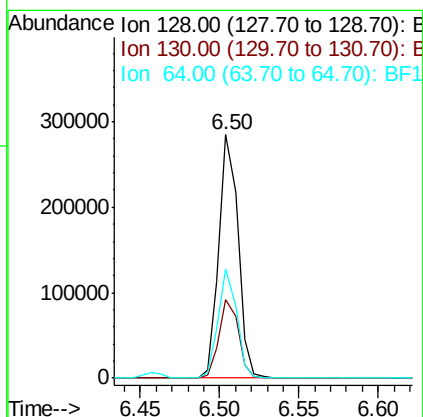
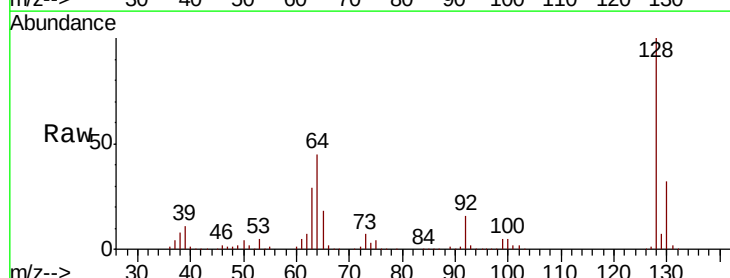
RT: 6.50 min Scan# 751

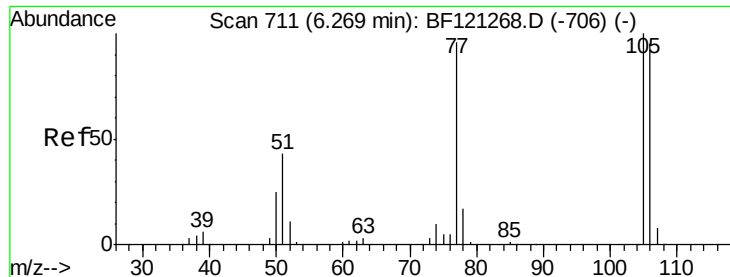
Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion	128	Resp	240421
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	45.1	26.3	66.3





#9

Benzaldehyde

Concen: 40.097 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampled :

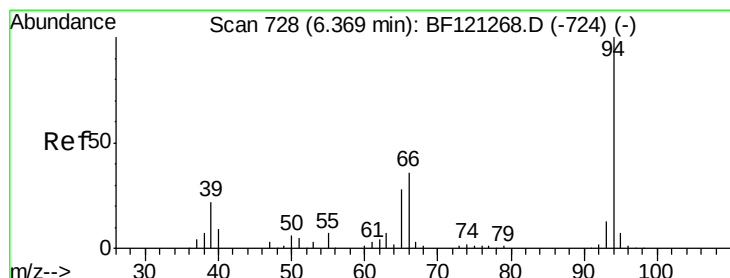
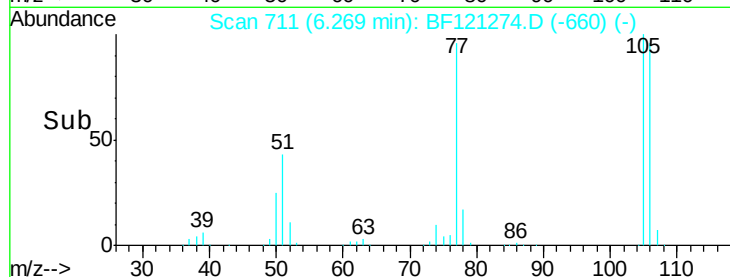
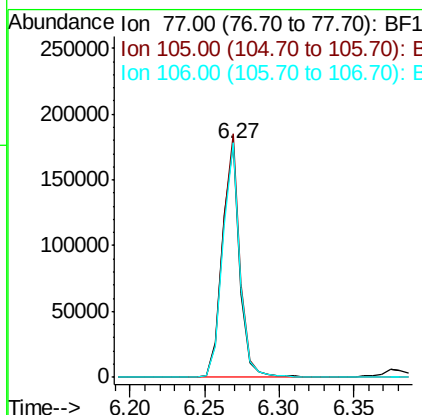
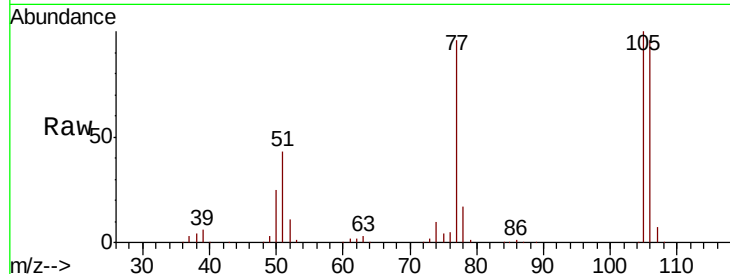
PB130942BS

Tot Ion:	77	Resp:	146868
Ion Ratio	Lower	Upper	
77	100		
105	104.3	80.8	120.8
106	100.5	79.4	119.4

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#10

Phenol

Concen: 38.590 ng

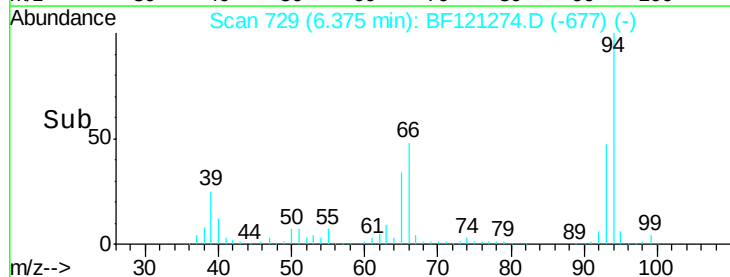
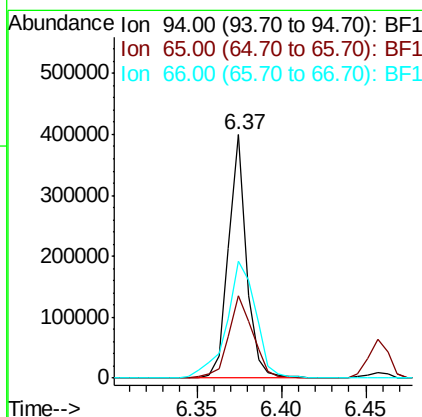
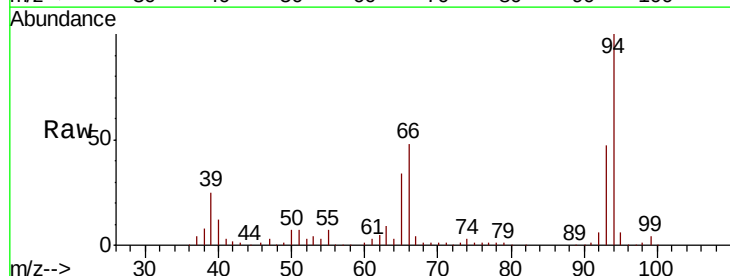
RT: 6.37 min Scan# 729

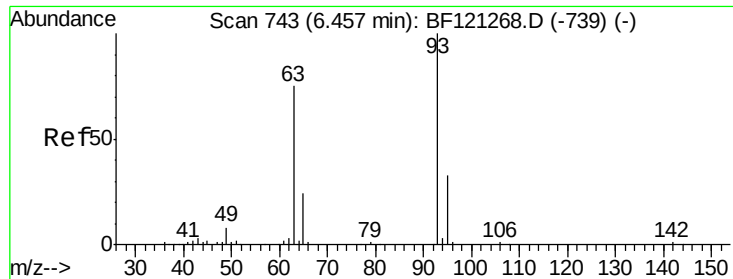
Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:	94	Resp:	297540
Ion Ratio	Lower	Upper	
94	100		
65	34.0	13.0	53.0
66	47.8	26.1	66.1





#11
bis(2-Chloroethyl)ether
Concen: 40.341 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

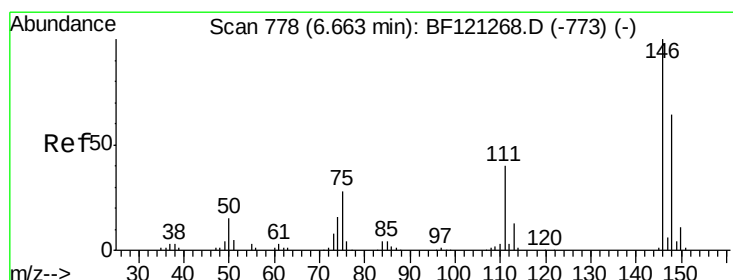
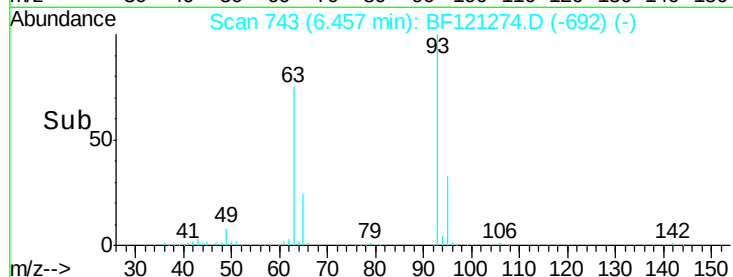
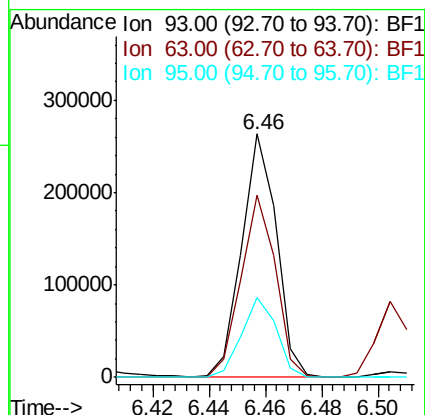
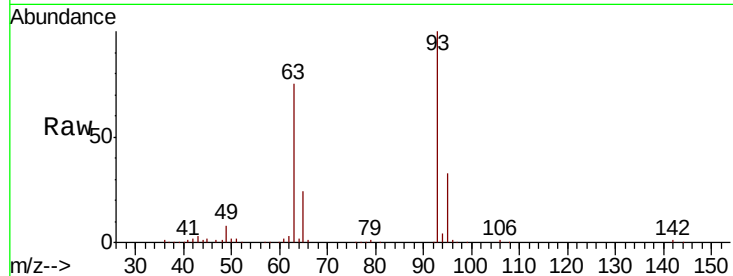
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	93	Resp	224517
Ion Ratio	Lower	Upper	
93	100		
63	74.8	51.2	91.2
95	32.9	12.9	52.9

Manual Integrations
APPROVED

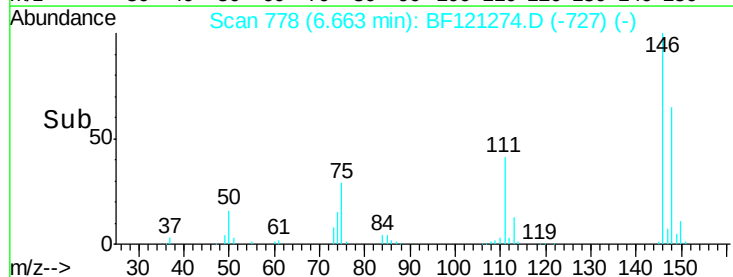
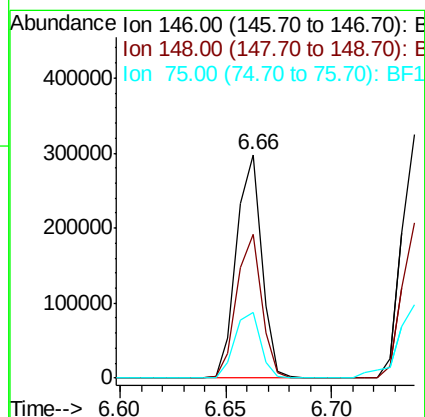
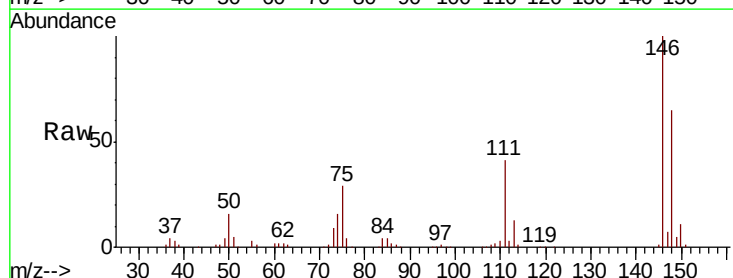
Sohil
8/14/2020 2:53:34 PM

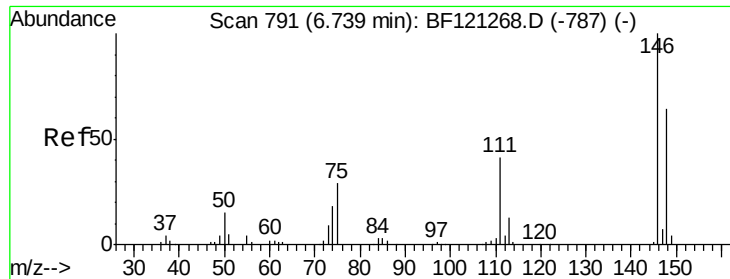
8/14/2020 2:53:34 PM



#12
1,3-Dichlorobenzene
Concen: 38.340 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	146	Resp	245704
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.3	76.9
75	29.3	22.5	33.7





#13
 1,4-Dichlorobenzene
 Concen: 38.420 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

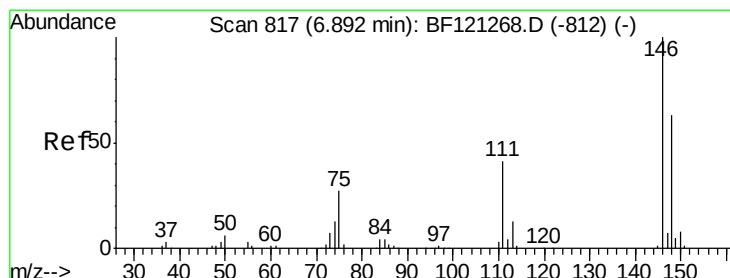
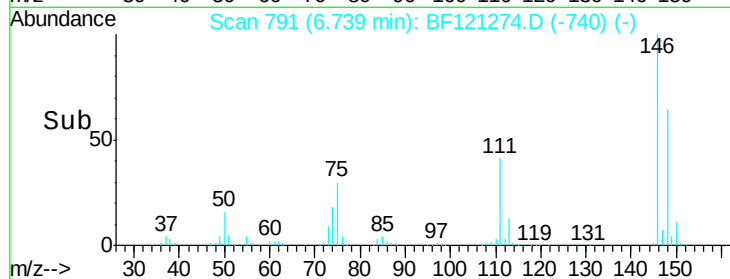
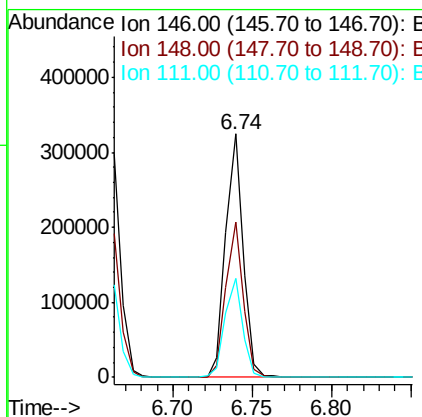
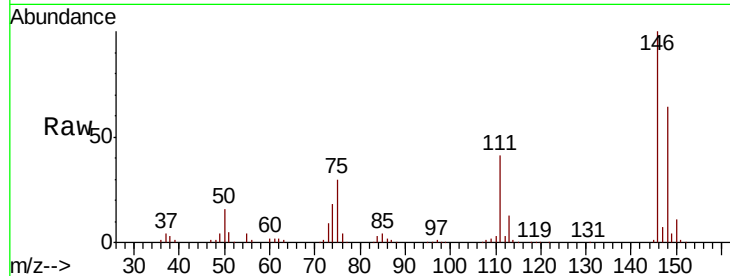
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	40.7	32.2	48.4

Manual Integrations
 APPROVED

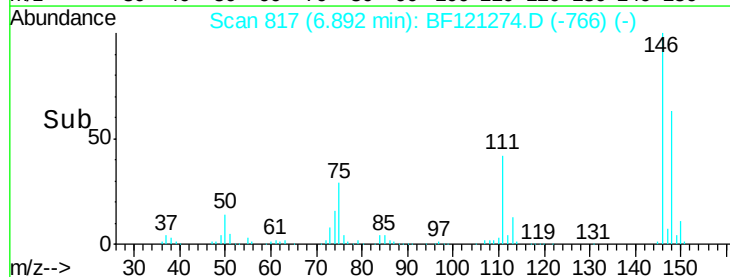
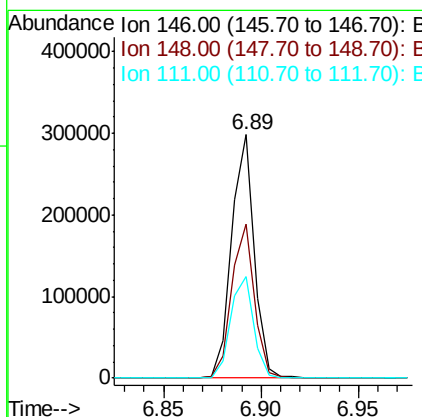
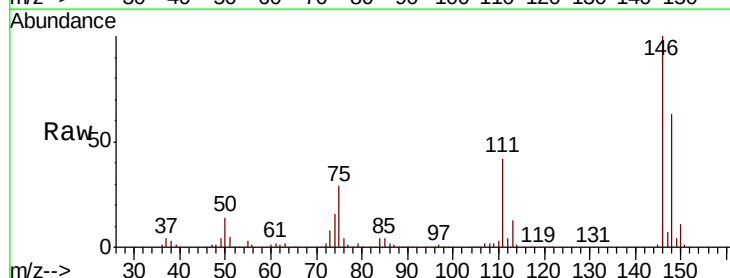
Sohil
 8/14/2020 2:53:34 PM

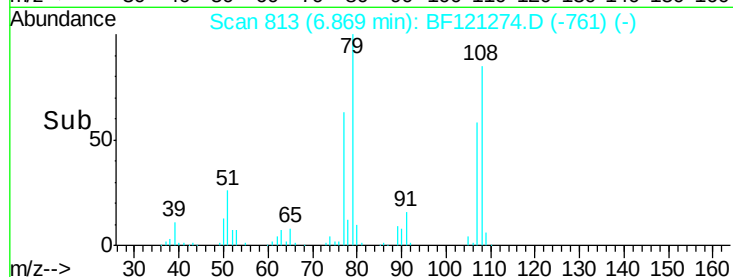
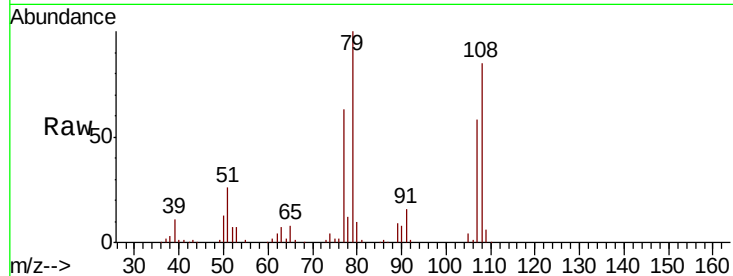
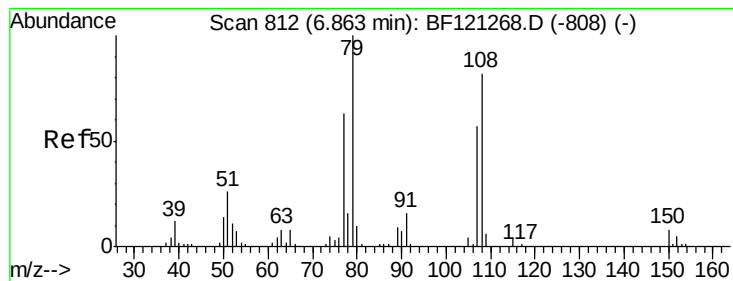
8/14/2020 2:53:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.276 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	41.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 39.632 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tot Ion:	79	Resp:	188696
Ion Ratio	Lower	Upper	
79	100		
108	84.9	67.4	101.0
77	63.2	51.3	76.9

Instrument :

BNA_F

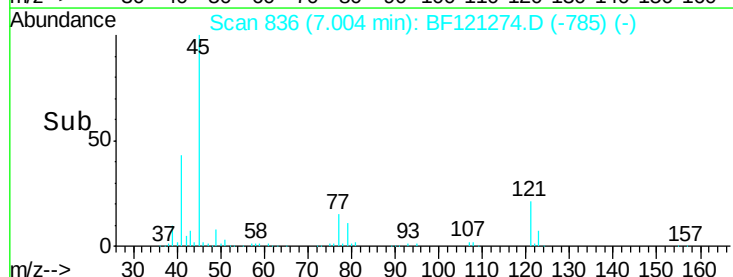
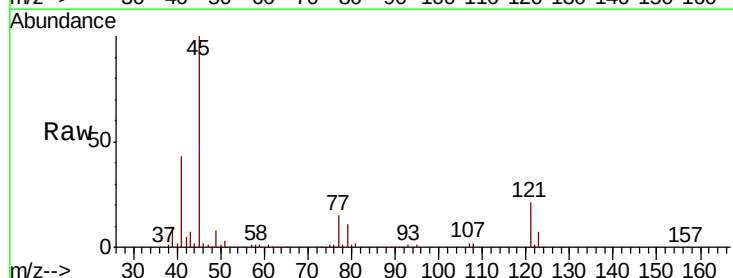
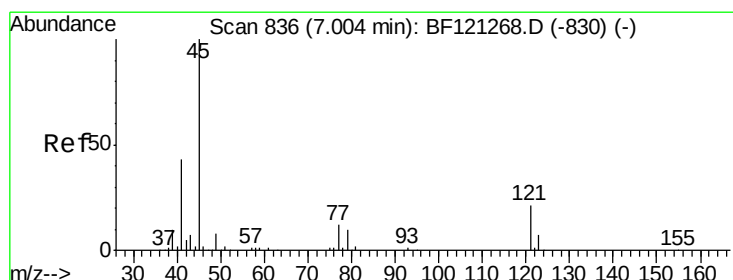
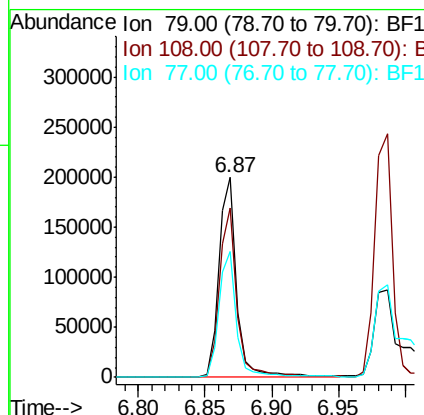
ClientSampleId :

PB130942BS

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.677 ng

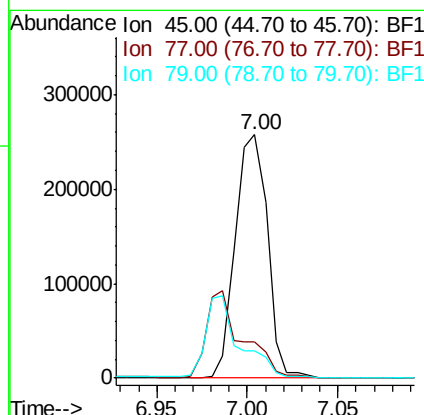
RT: 7.00 min Scan# 836

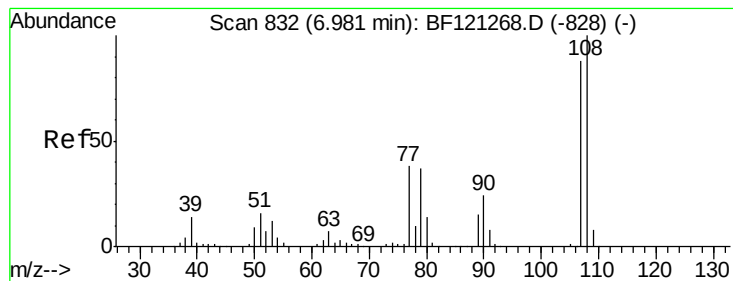
Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:	45	Resp:	317978
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	35.1
79	11.4	0.0	32.0





#17
2-Methylphenol
Concen: 41.071 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

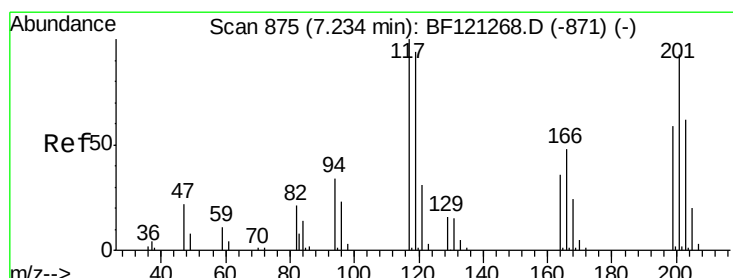
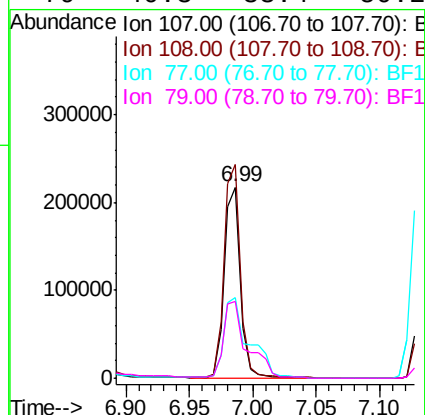
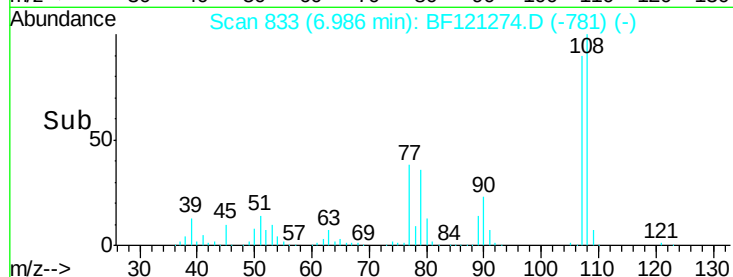
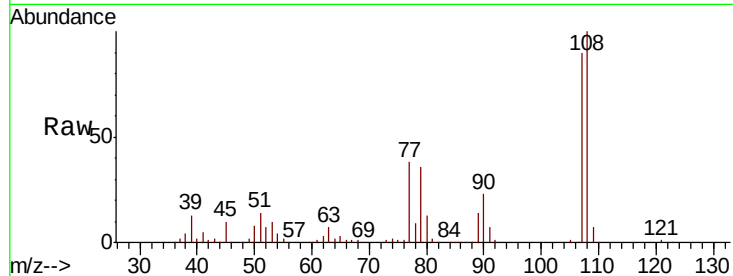
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	92.6	138.8	
77	42.3	35.0	52.6	
79	40.3	33.4	50.2	

Manual Integrations
APPROVED

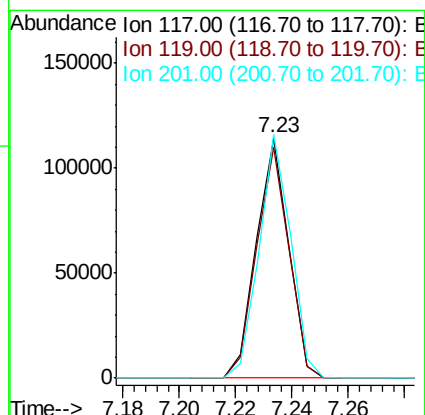
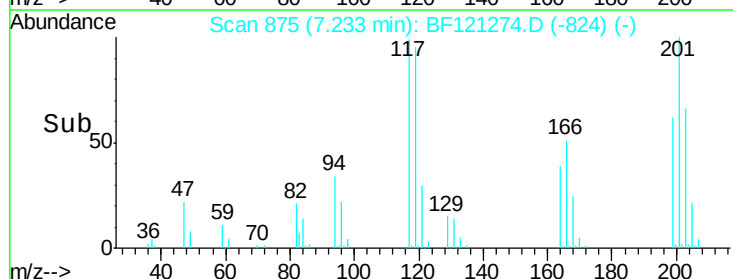
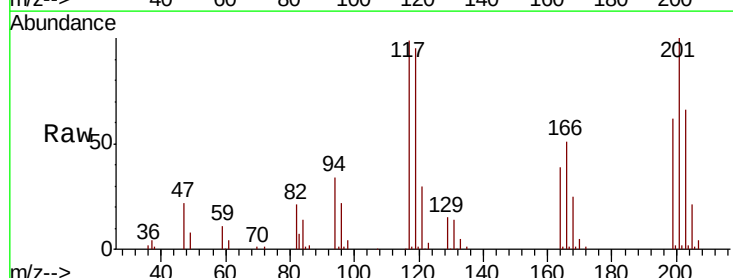
Sohil
8/14/2020 2:53:34 PM

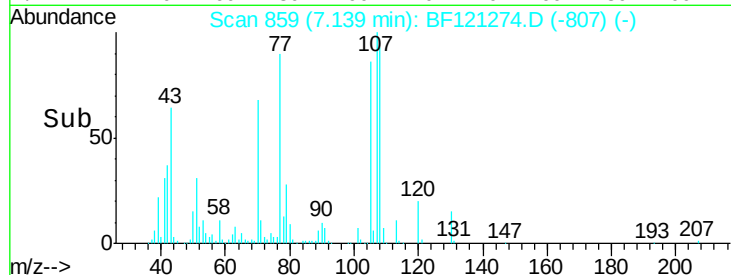
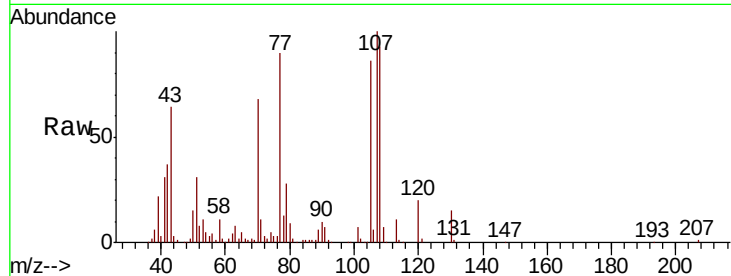
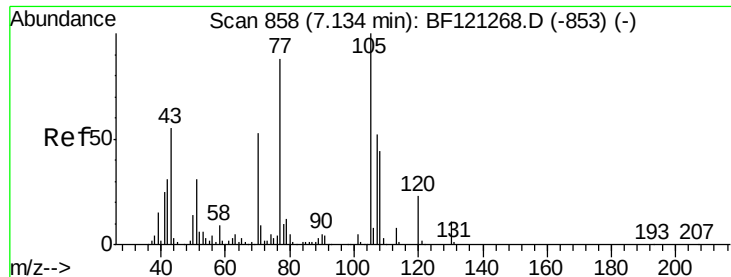
8/14/2020 2:53:34 PM



#18
Hexachloroethane
Concen: 39.561 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	76.2	114.2	
201	101.5	74.8	112.2	





#19
n-Nitroso-di-n-propylamine
Concen: 37.595 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

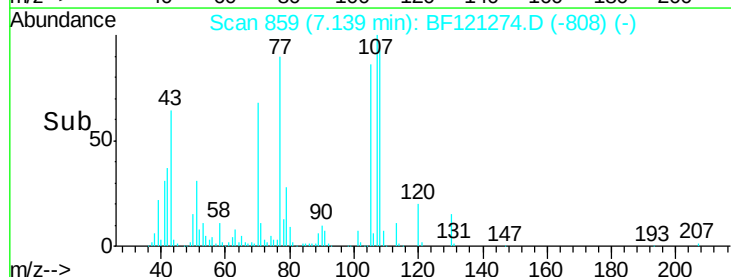
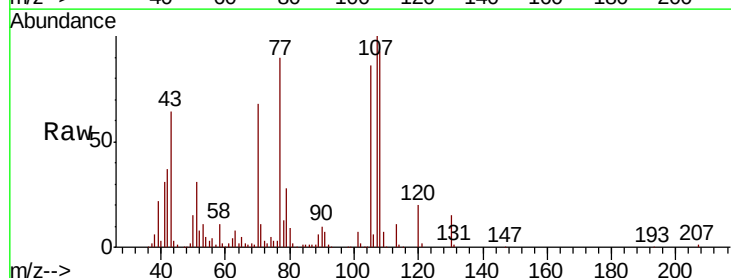
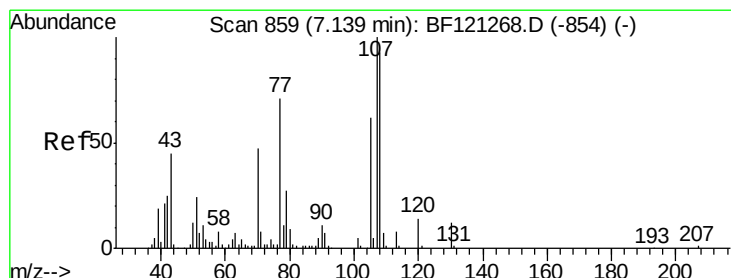
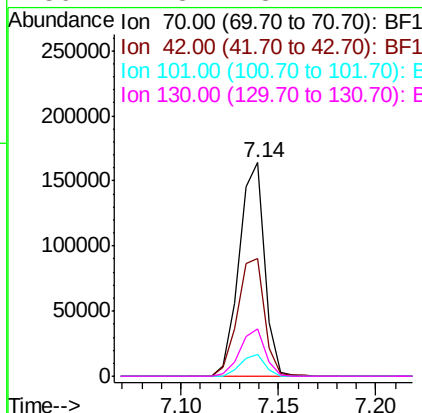
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		148469		
42	54.9	45.6	68.4		
101	10.0	7.8	11.8		
130	22.3	18.2	27.2		

Instrument :
BNA_F
ClientSampleId :
PB130942BS

Manual Integrations
APPROVED

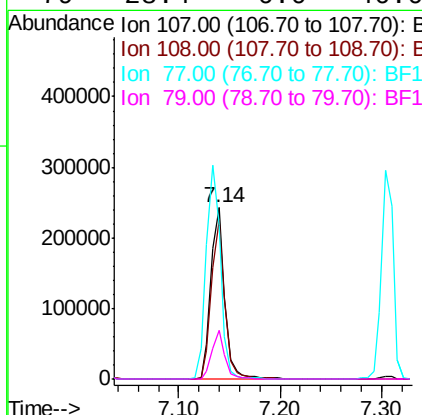
Sohil
8/14/2020 2:53:34 PM

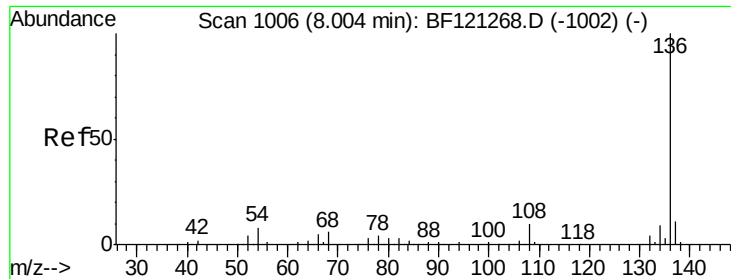
8/14/2020 2:53:34 PM



#20
3+4-Methylphenols
Concen: 37.994 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		230940		
108	92.7	66.5	106.5		
77	89.9	94.4	134.4#		
79	28.4	6.0	46.0		





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

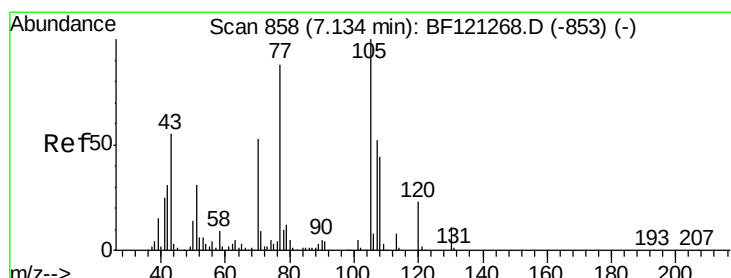
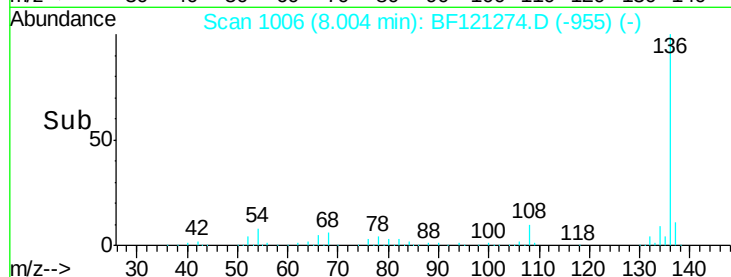
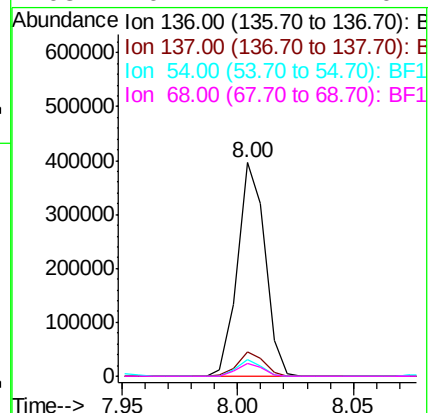
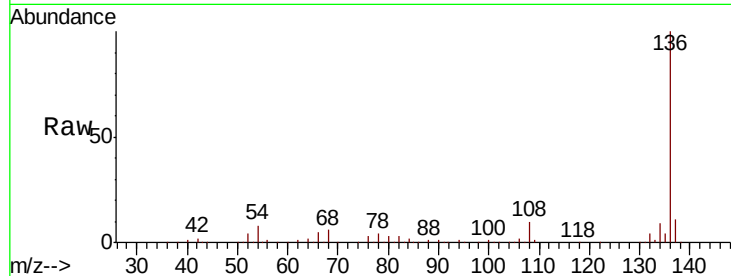
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.6	13.0	
54	7.7	5.3	7.9	
68	6.2	4.2	6.2	

Manual Integrations
APPROVED

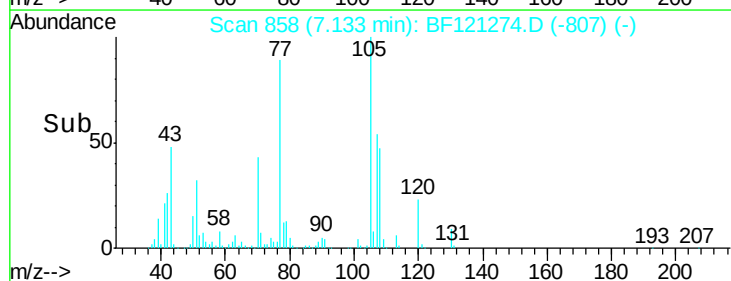
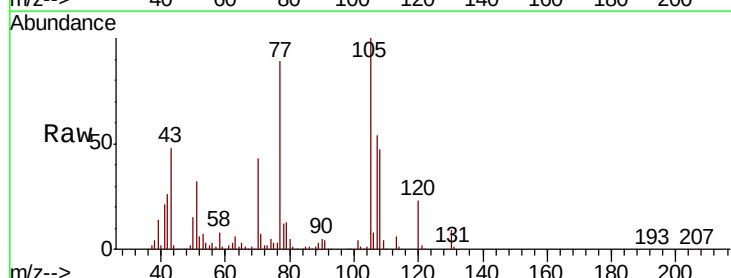
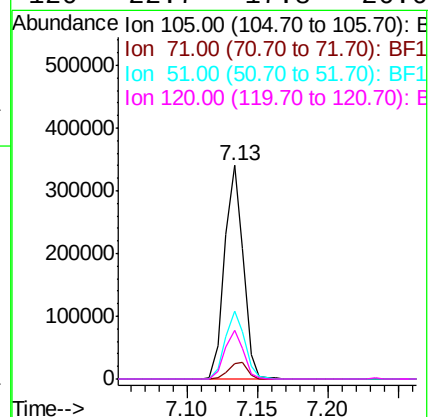
Sohil
8/14/2020 2:53:34 PM

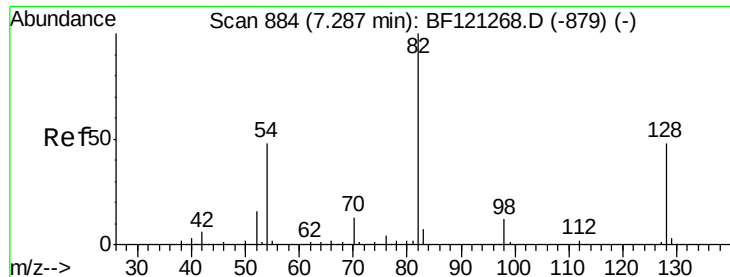
8/14/2020 2:53:34 PM



#22
Acetophenone
Concen: 36.887 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	4.6	7.0	
51	31.9	24.2	36.2	
120	22.7	17.8	26.6	





#23
Nitrobenzene-d5
Concen: 70.747 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

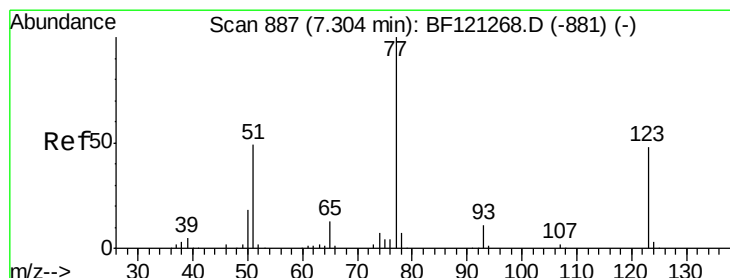
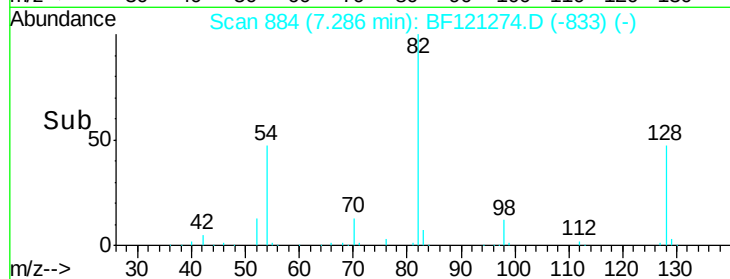
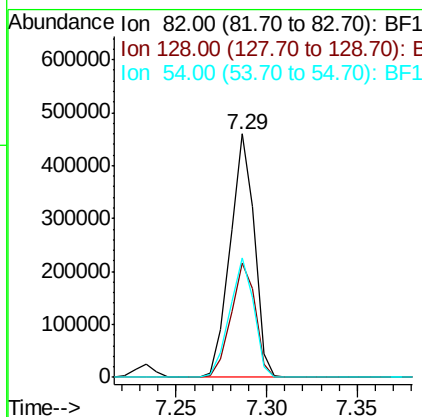
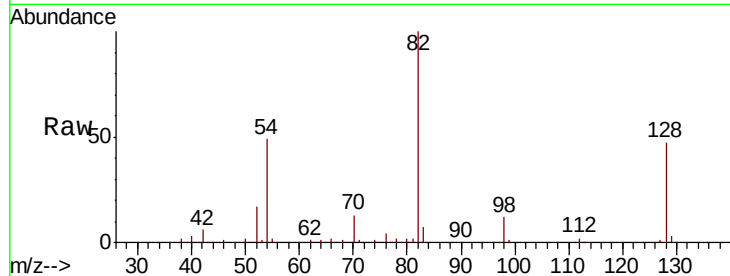
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	39.8	59.8	
54	49.1	37.7	56.5	

Manual Integrations
APPROVED

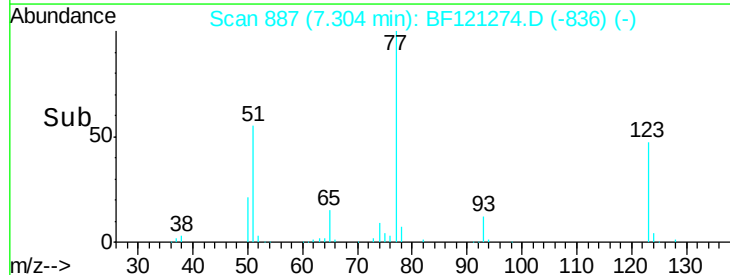
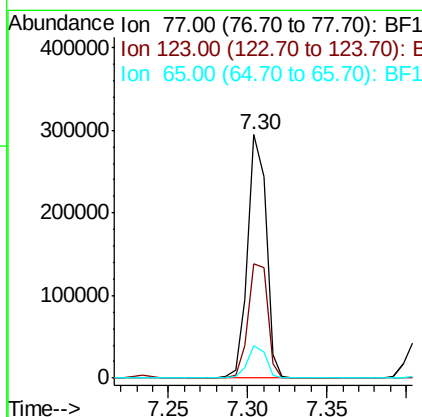
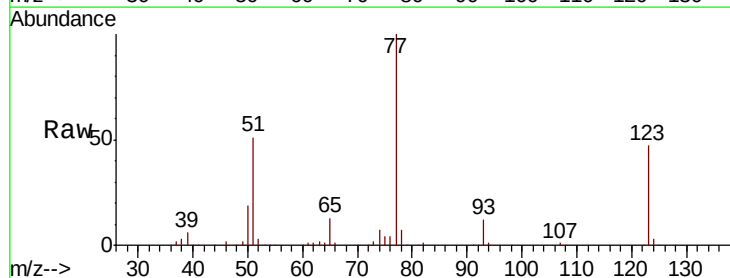
Sohil
8/14/2020 2:53:34 PM

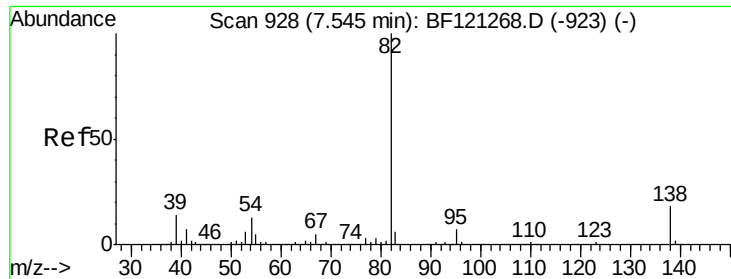
8/14/2020 2:53:34 PM



#24
Nitrobenzene
Concen: 36.839 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	42.0	63.0	
65	13.4	10.4	15.6	





#25

Isophorone

Concen: 36.379 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tot Ion:	82	Resp:	439066
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.8	16.0	24.0

Instrument :

BNA_F

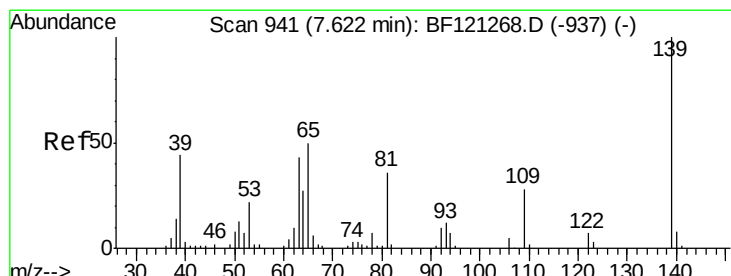
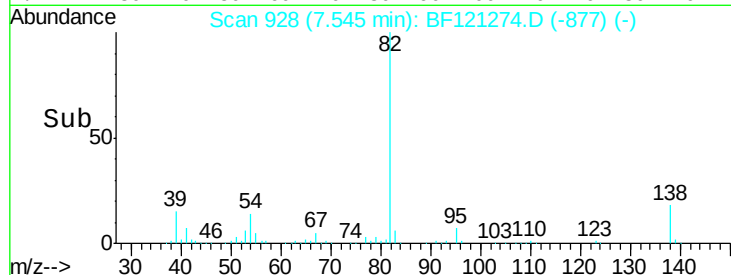
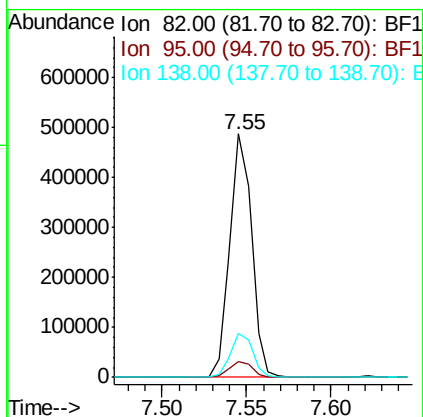
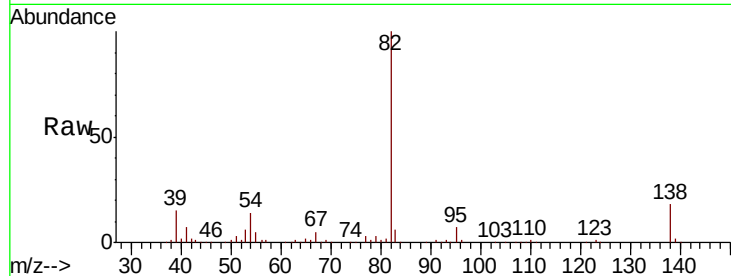
ClientSampleId :

PB130942BS

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#26

2-Nitrophenol

Concen: 39.116 ng

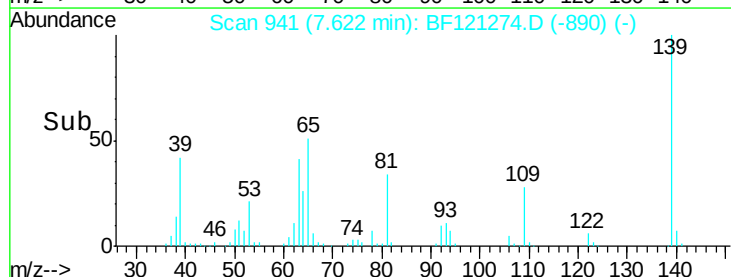
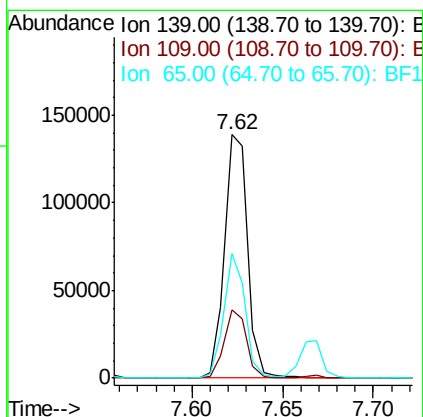
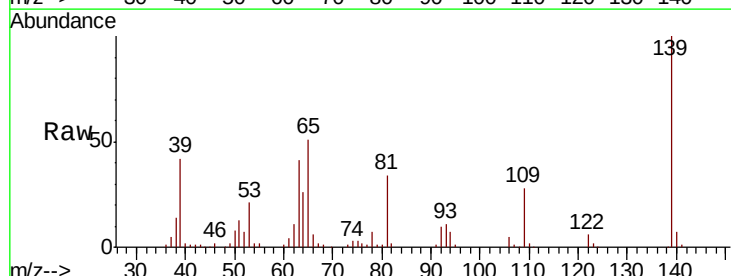
RT: 7.62 min Scan# 941

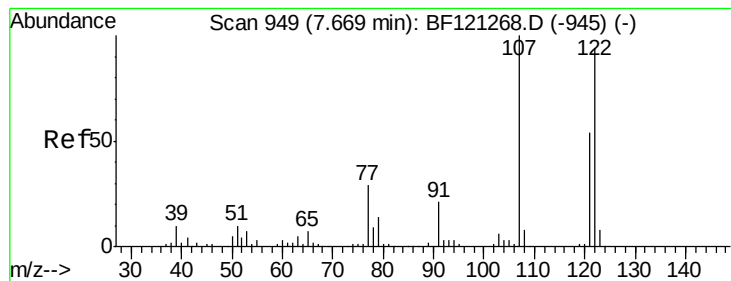
Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:	139	Resp:	123622
Ion Ratio	Lower	Upper	
139	100		
109	28.1	20.6	31.0
65	51.0	35.1	52.7





#27

2,4-Dimethylphenol

Concen: 41.392 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

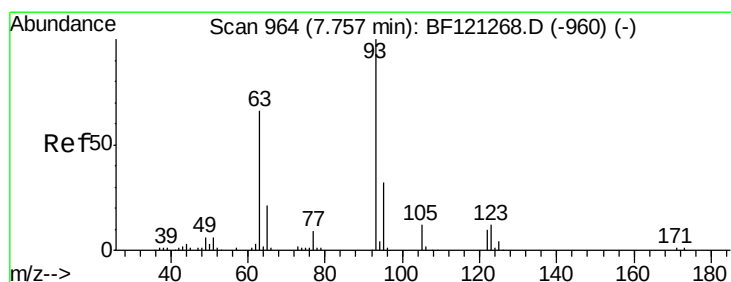
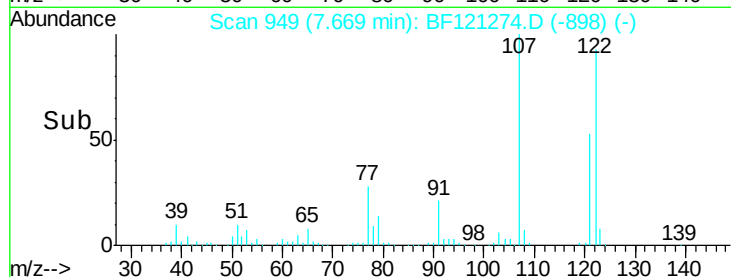
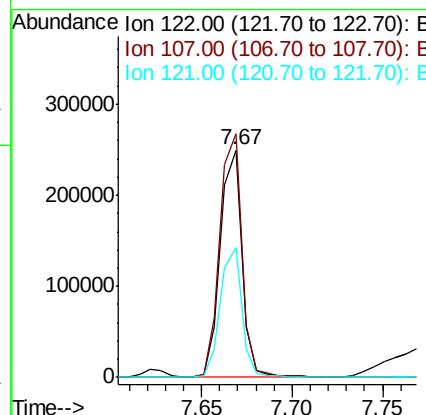
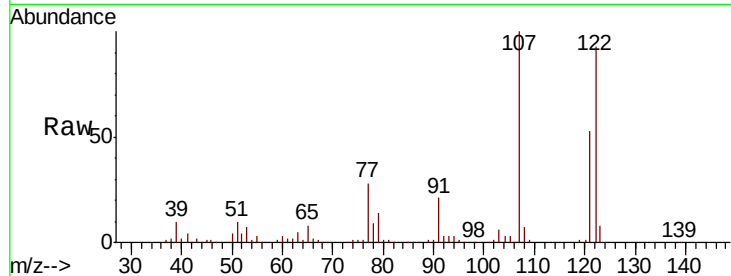
PB130942BS

Tot Ion:	122	Resp:	209595
Ion Ratio	Lower	Upper	
122	100		
107	107.1	89.0	133.4
121	57.0	46.1	69.1

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.298 ng

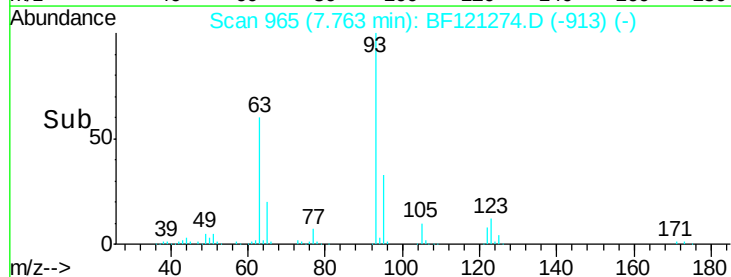
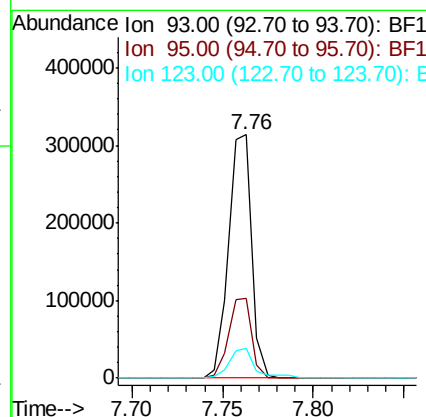
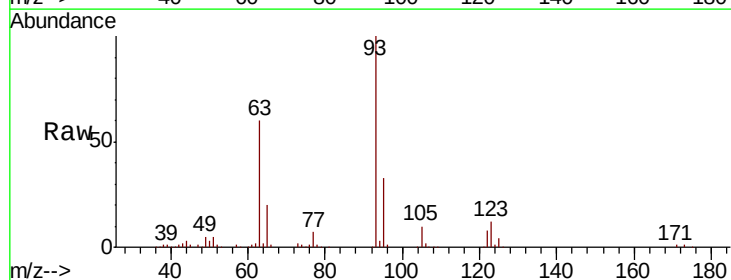
RT: 7.76 min Scan# 965

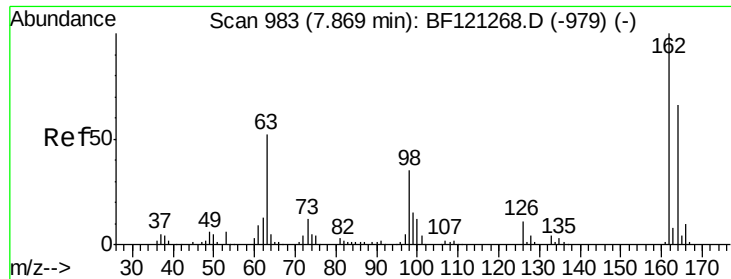
Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:	93	Resp:	278784
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.0	39.0
123	12.4	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 37.987 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

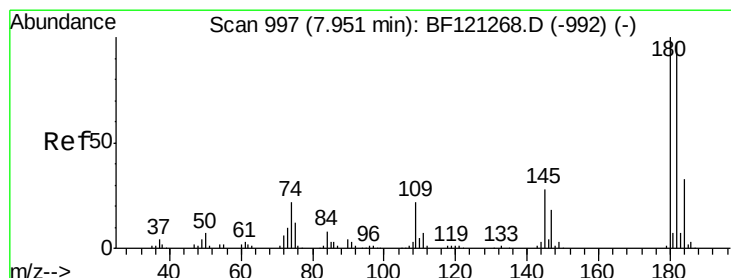
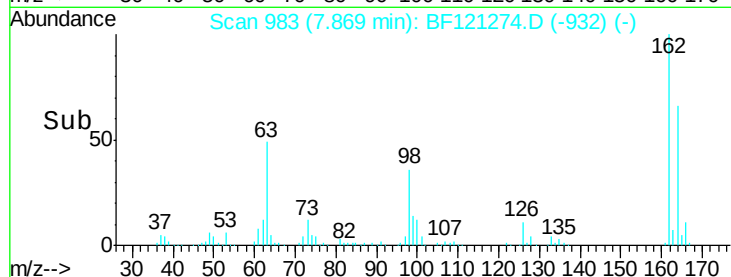
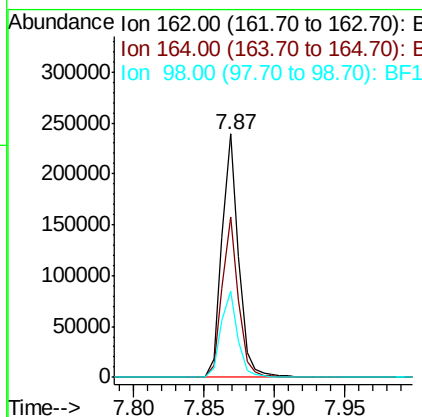
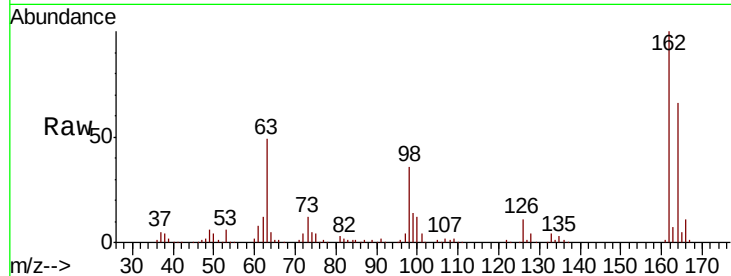
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion:	162	Resp:	196702
Ion Ratio	Lower	Upper	
162	100		
164	65.9	43.4	83.4
98	35.5	18.1	58.1

Manual Integrations
APPROVED

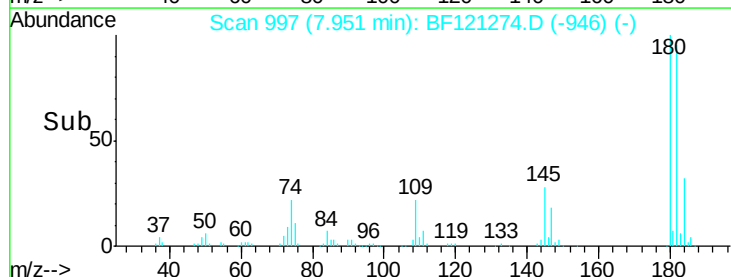
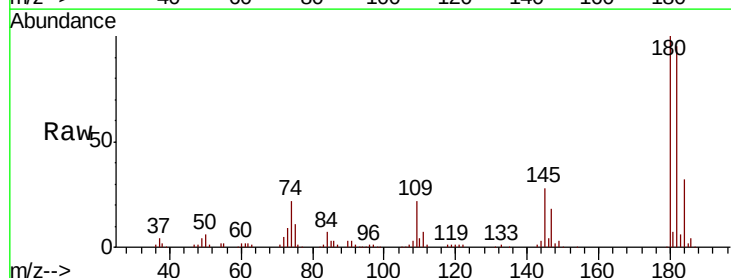
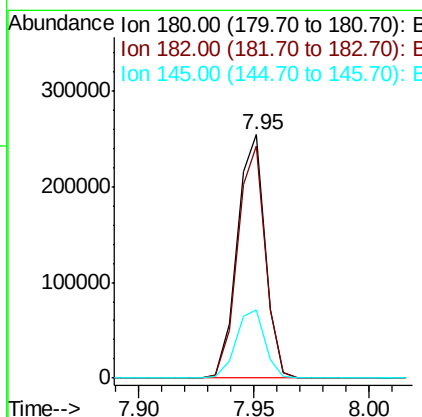
Sohil
8/14/2020 2:53:34 PM

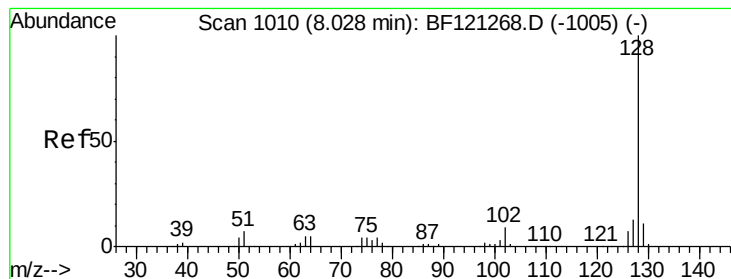
8/14/2020 2:53:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.484 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion:	180	Resp:	214227
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.3	114.5
145	27.9	23.6	35.4





#31

Naphthalene

Concen: 36.437 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampled :

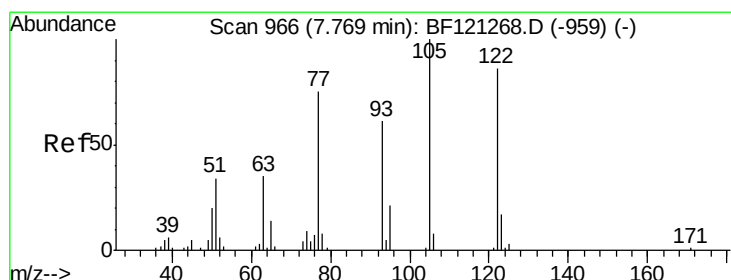
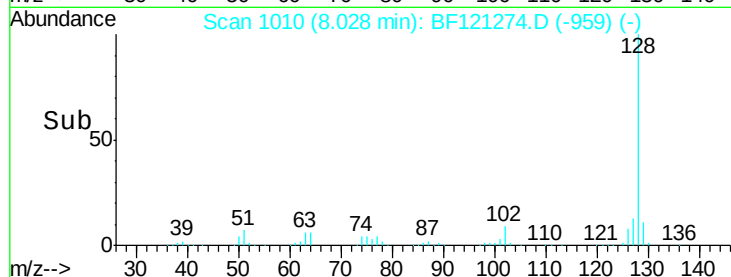
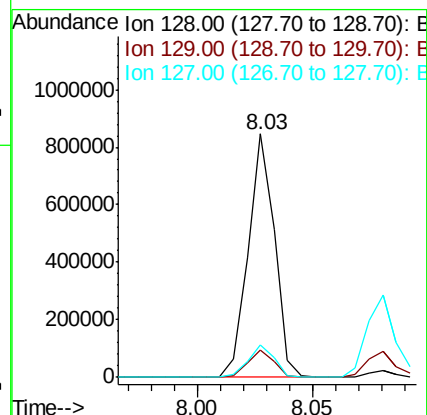
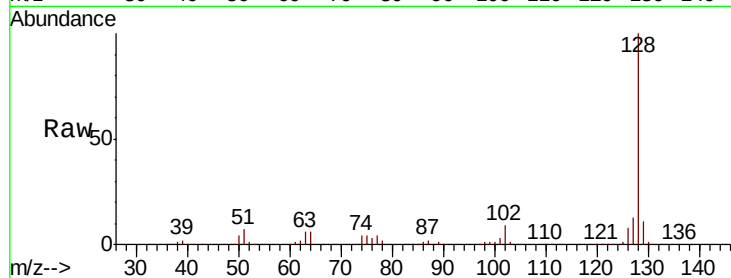
PB130942BS

Tot Ion:128	Resp:	673475
Ion Ratio	Lower	Upper
128 100		
129 11.4	9.3	13.9
127 13.5	10.6	16.0

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#32

Benzoic acid

Concen: 38.470 ng

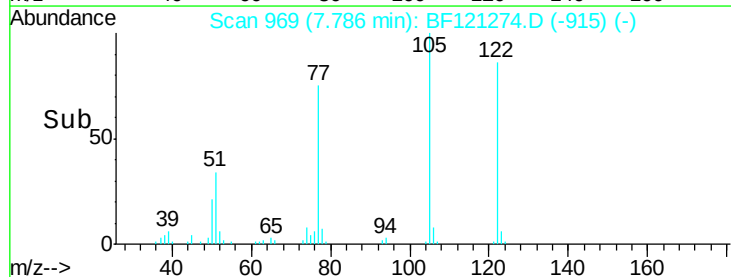
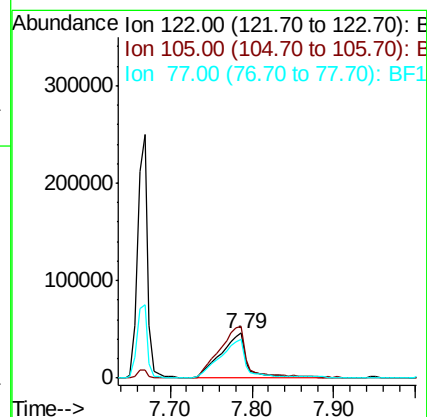
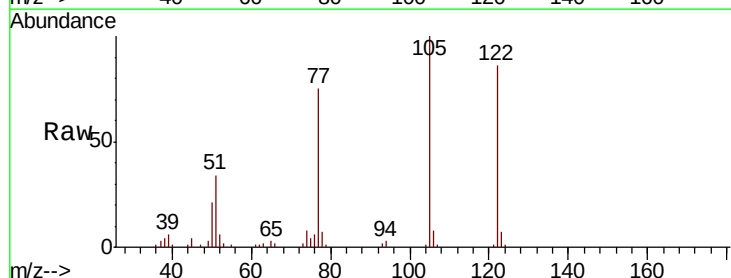
RT: 7.79 min Scan# 969

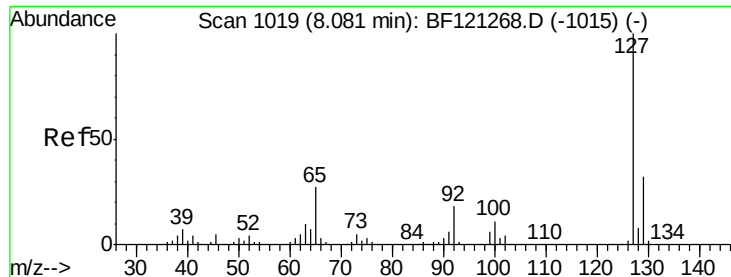
Delta R.T. 0.02 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:122	Resp:	102949
Ion Ratio	Lower	Upper
122 100		
105 116.1	101.3	141.3
77 87.6	68.5	108.5





#33
4-Chloroaniline
Concen: 34.064 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

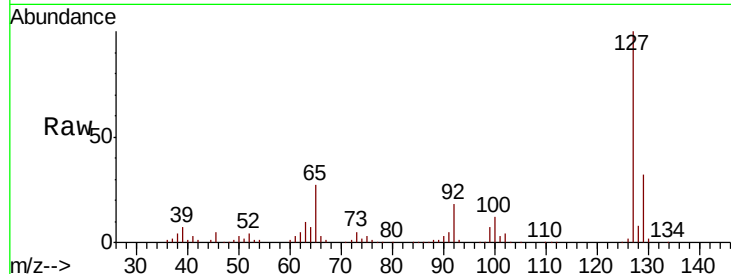
Instrument :
BNA_F
ClientSampled :
PB130942BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.8	38.8		
65	27.4	23.5	35.3		
92	17.6	14.5	21.7		

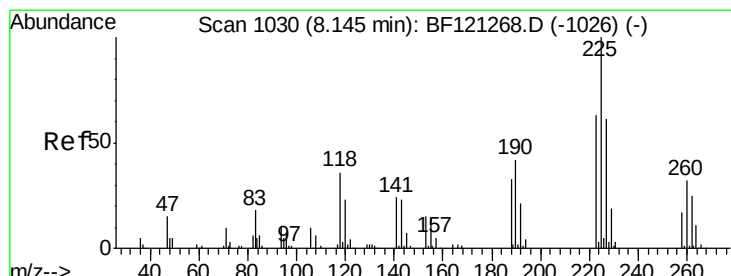
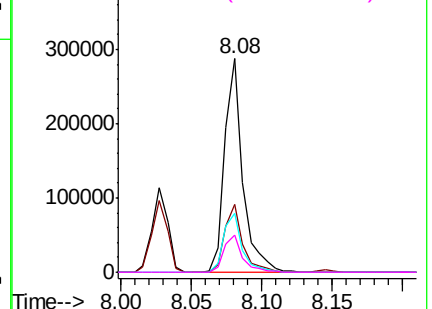
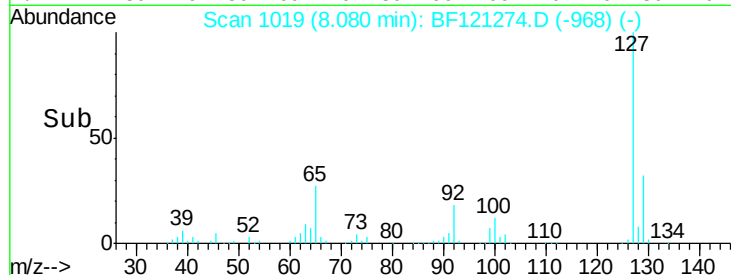
Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM

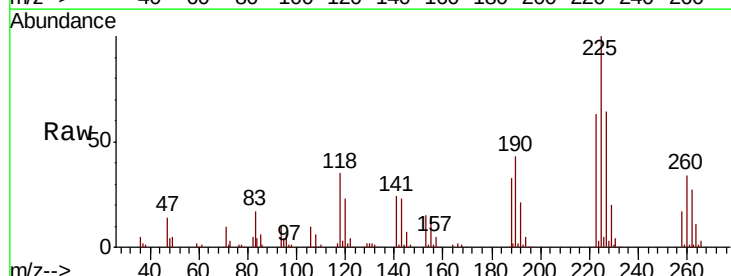


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

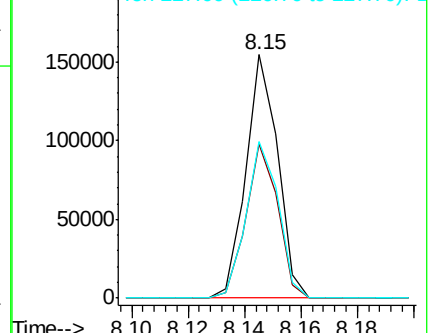
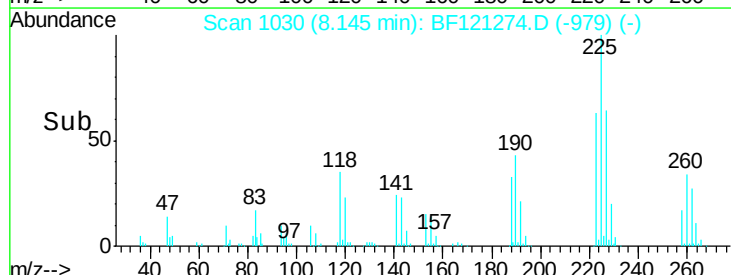


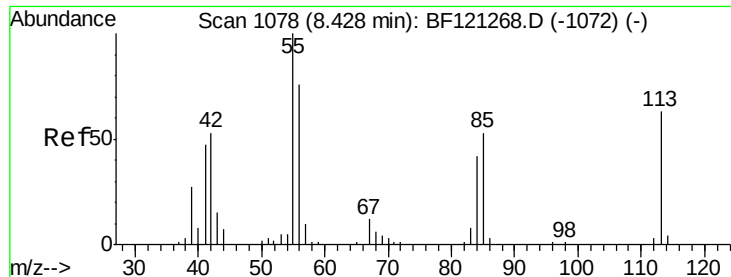
#34
Hexachlorobutadiene
Concen: 34.894 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	49.8	74.8		
227	64.3	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35
Caprolactam
Concen: 41.718 ng/ml
RT: 8.43 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

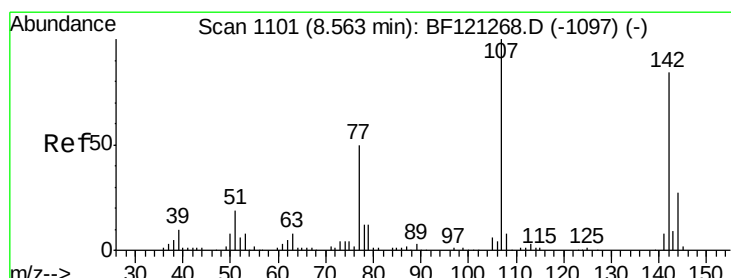
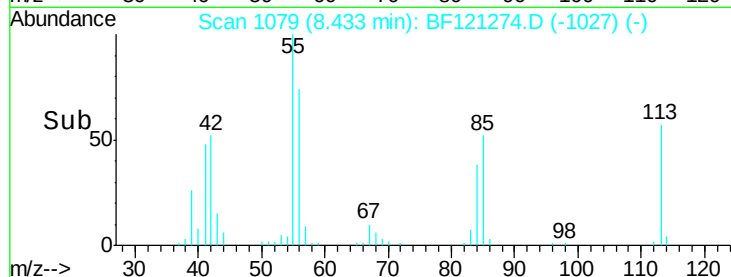
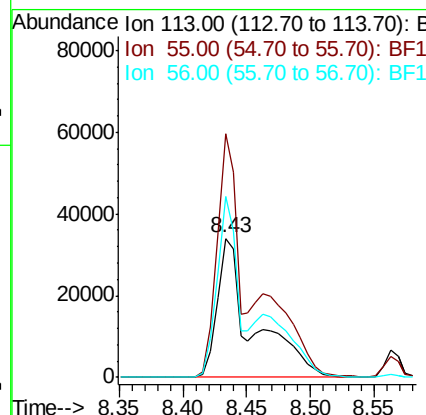
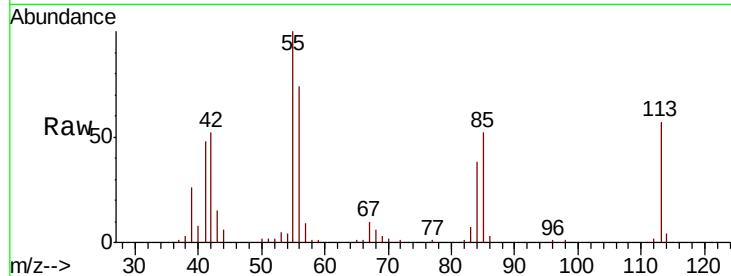
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.0	151.9	191.9
56	129.7	106.0	146.0

Manual Integrations
APPROVED

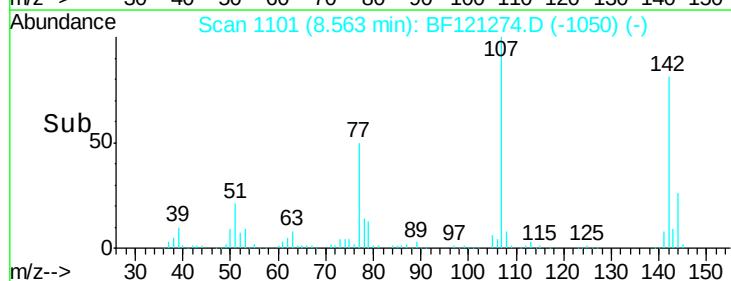
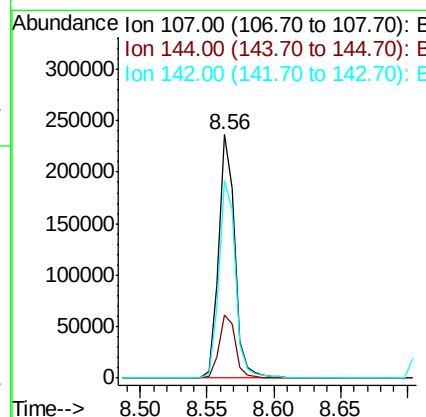
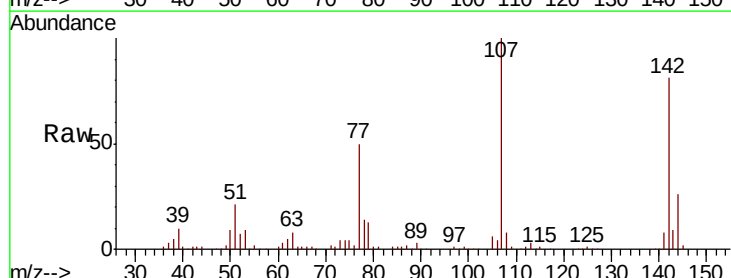
Sohil
8/14/2020 2:53:34 PM

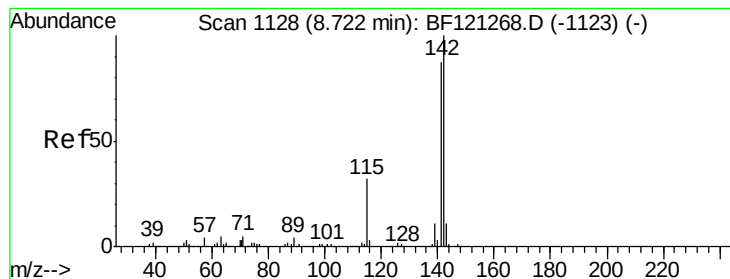
8/14/2020 2:53:34 PM



#36
4-Chloro-3-methylphenol
Concen: 38.640 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.4	30.6
142	81.3	63.5	95.3





#37
2-Methylnaphthalene
Concen: 37.109 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

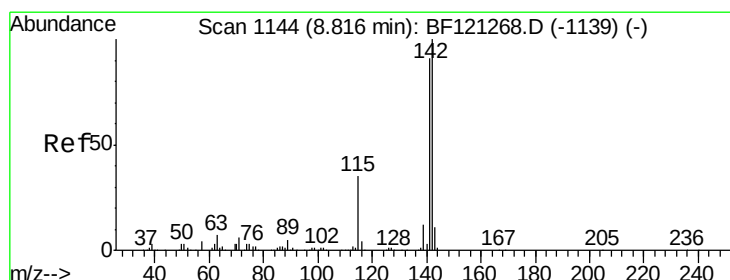
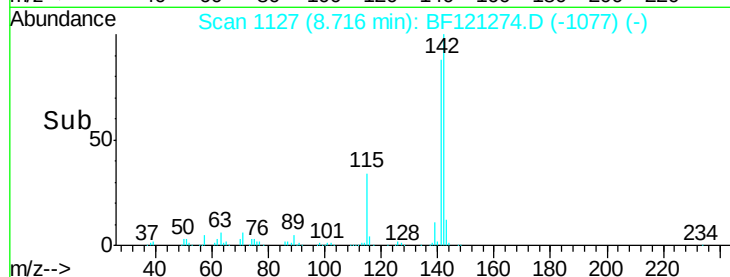
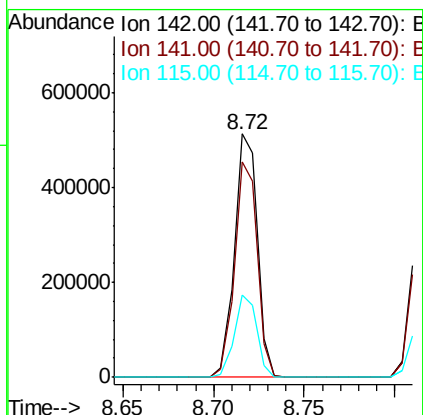
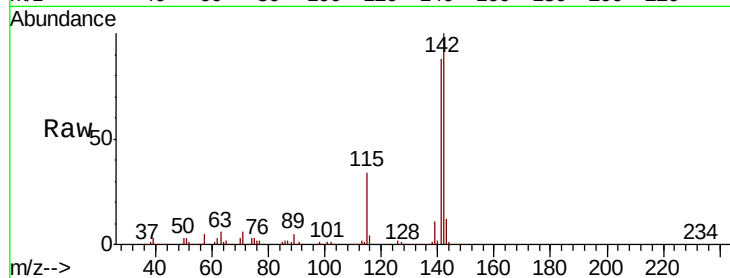
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	451355		
141	88.4	71.3	106.9	
115	33.9	25.9	38.9	

Manual Integrations
APPROVED

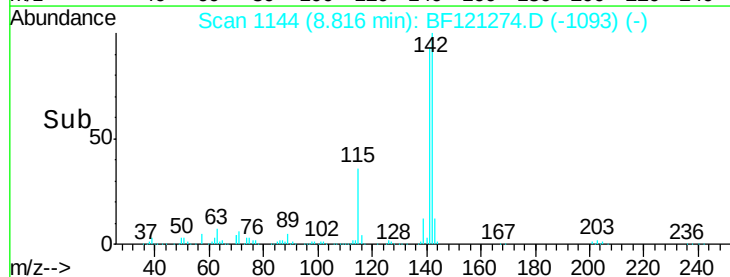
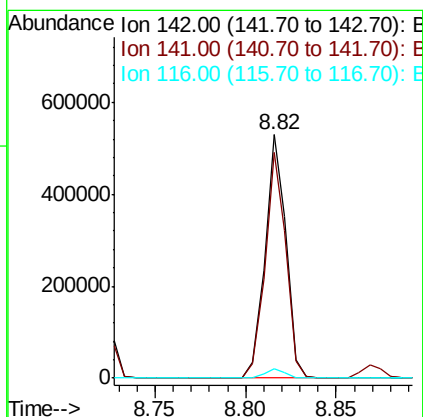
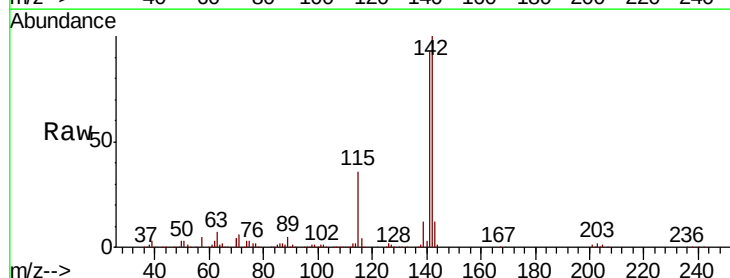
Sohil
8/14/2020 2:53:34 PM

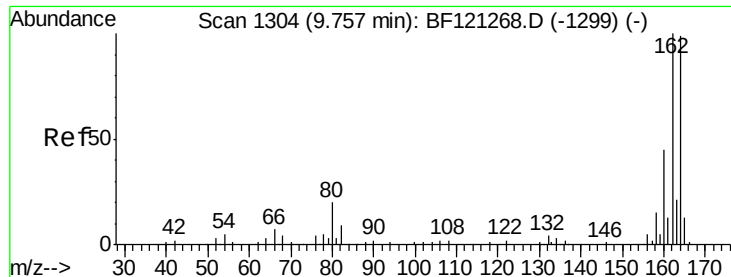
8/14/2020 2:53:34 PM



#38
1-Methylnaphthalene
Concen: 36.677 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	422383		
141	92.8	73.0	109.4	
116	3.7	3.0	4.6	





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

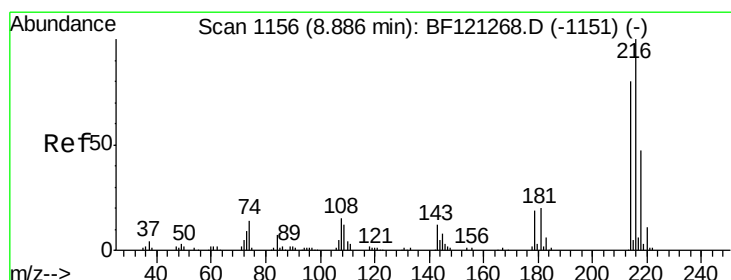
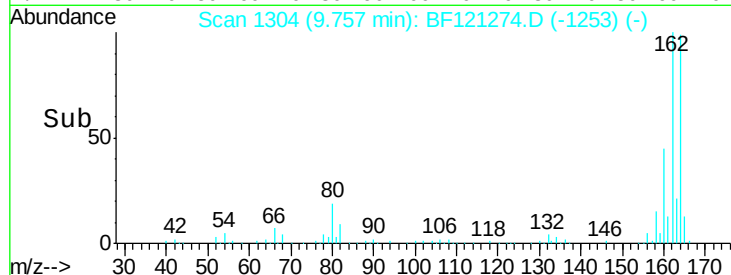
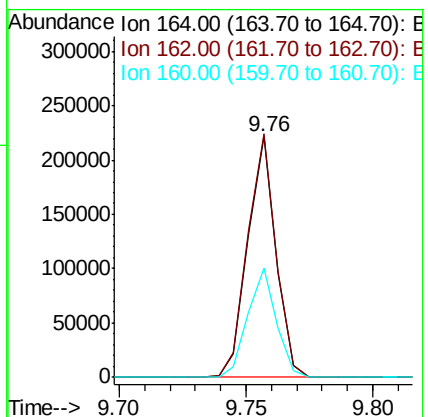
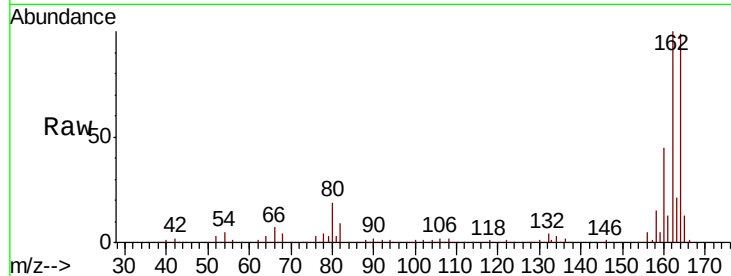
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	45.2	36.9	55.3

Manual Integrations
APPROVED

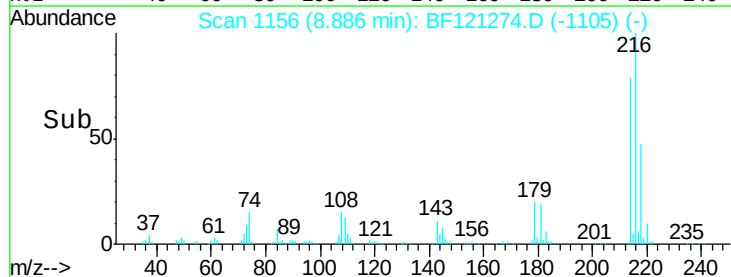
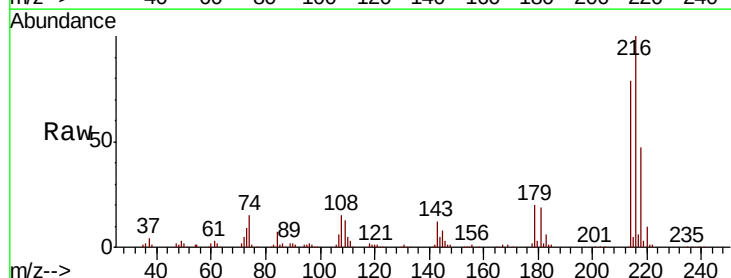
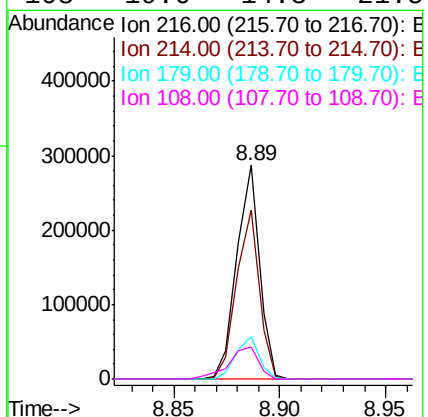
Sohil
8/14/2020 2:53:34 PM

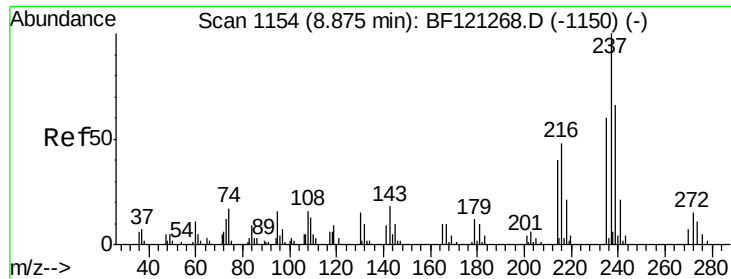
8/14/2020 2:53:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.345 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	20.1	16.1	24.1
108	19.6	14.3	21.5





#41
Hexachlorocyclopentadiene
Concen: 77.355 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

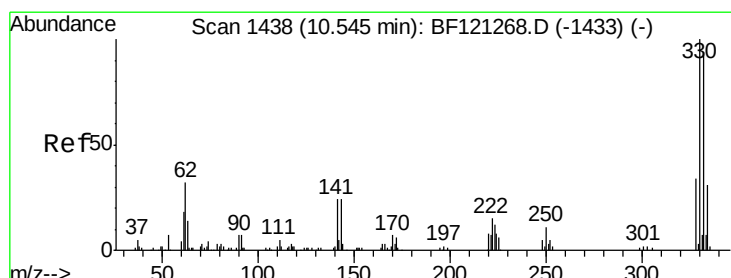
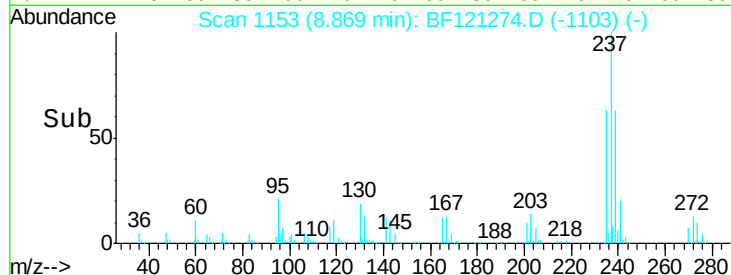
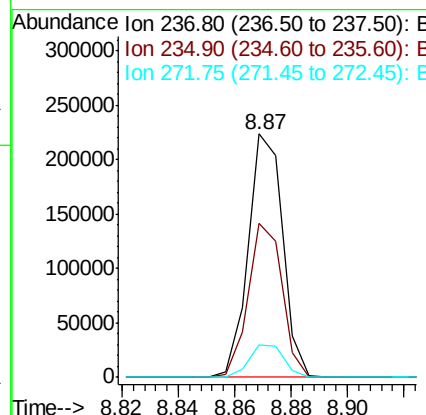
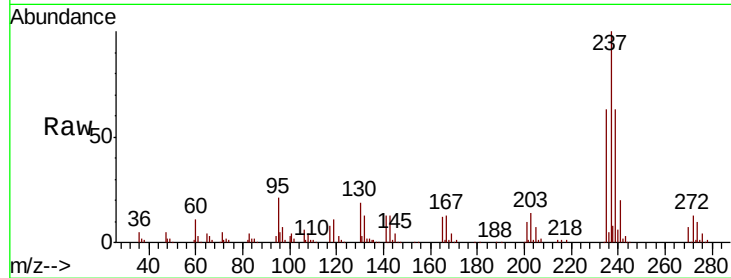
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	188611		
235	63.0	41.8	81.8	
272	13.2	0.0	34.3	

Manual Integrations
APPROVED

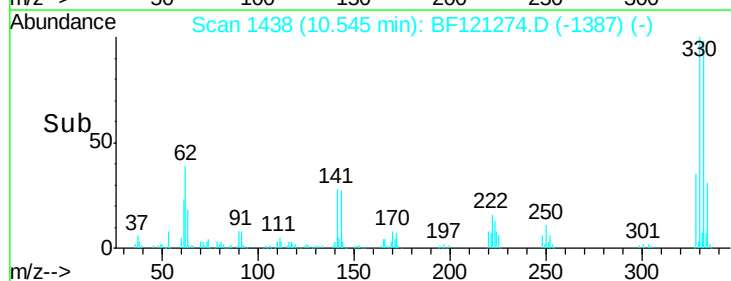
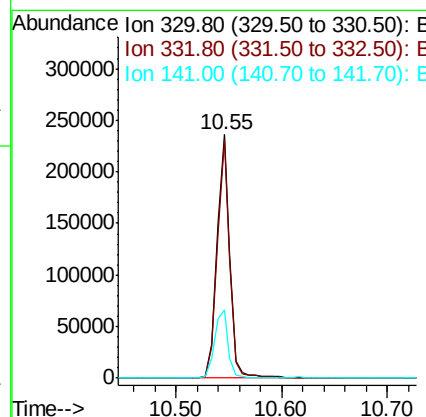
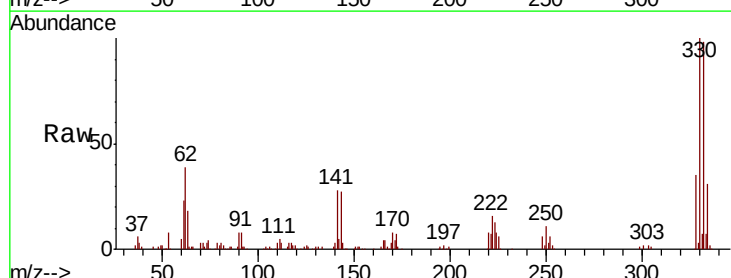
Sohil
8/14/2020 2:53:34 PM

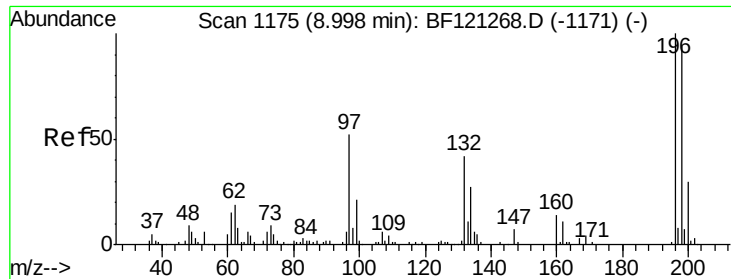
8/14/2020 2:53:34 PM



#42
2,4,6-Tribromophenol
Concen: 97.467 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	205124		
332	95.6	75.4	113.0	
141	29.8	23.4	35.2	





#43
 2,4,6-Trichlorophenol
 Concen: 38.357 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

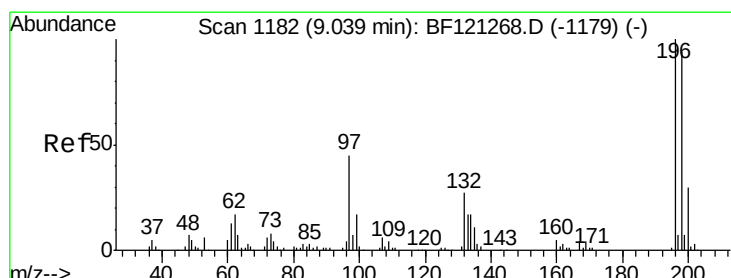
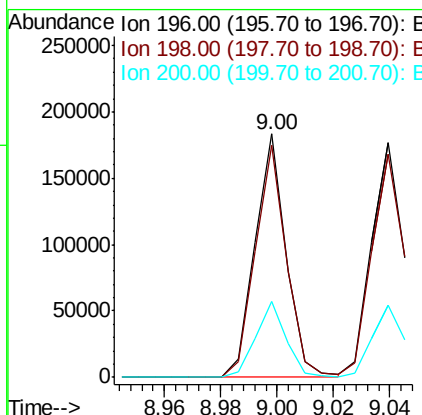
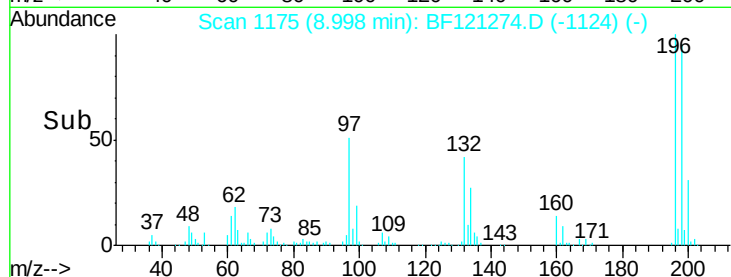
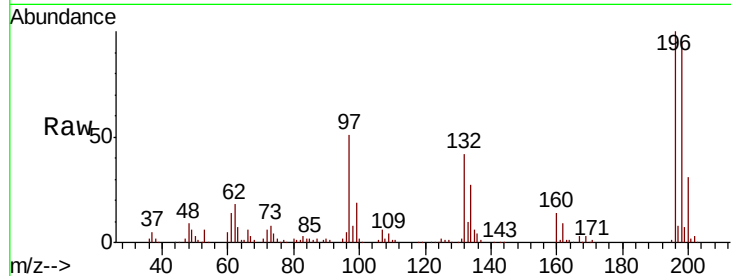
Instrument :
 BNA_F
 ClientSampled :
 PB130942BS

Tot Ion:	196	Resp:	139717
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.3	114.5
200	31.1	24.4	36.6

Manual Integrations
 APPROVED

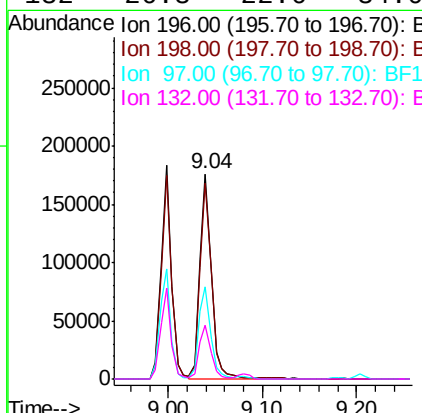
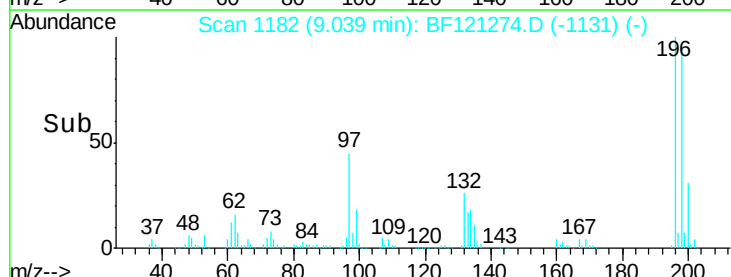
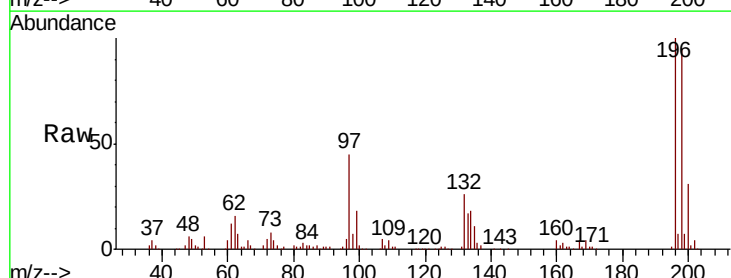
Sohil
 8/14/2020 2:53:34 PM

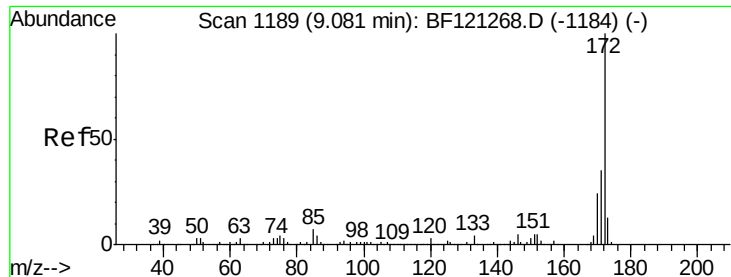
8/14/2020 2:53:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.851 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:	196	Resp:	153709
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.4	116.2
97	45.1	38.8	58.2
132	26.3	22.6	34.0





#45
 2-Fluorobiphenyl
 Concen: 66.041 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

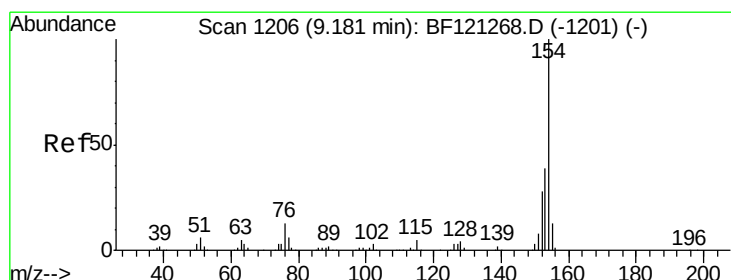
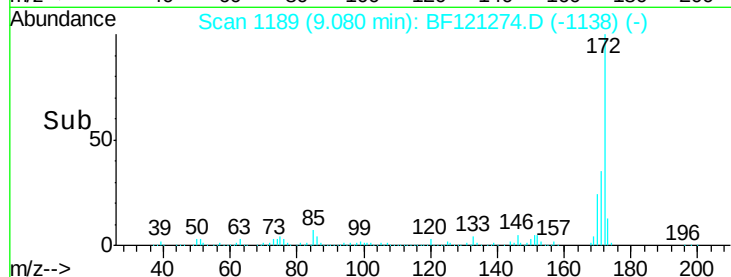
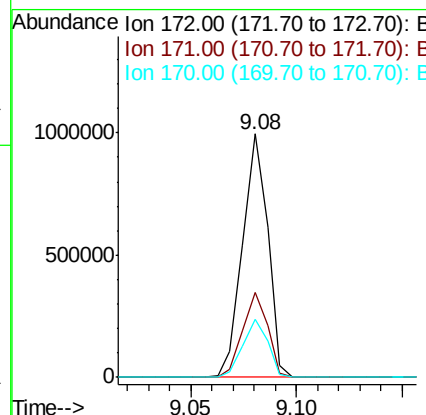
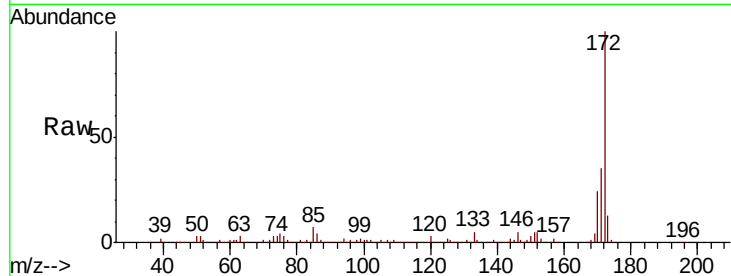
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion:	172	Resp:	816076
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.3	42.5
170	23.8	19.3	28.9

Manual Integrations
 APPROVED

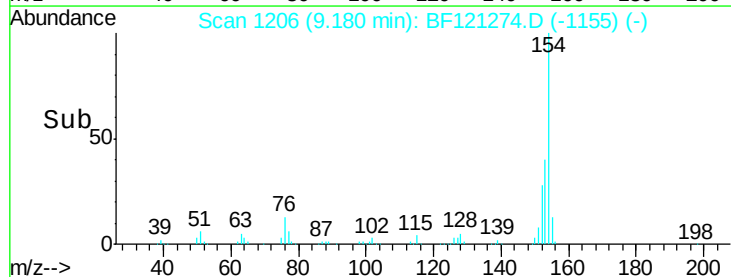
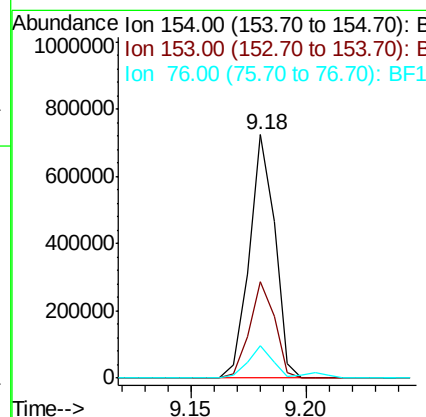
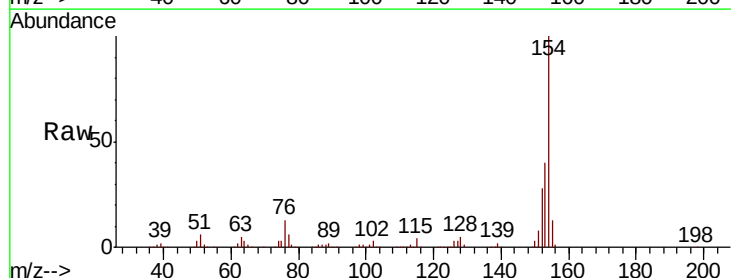
Sohil
 8/14/2020 2:53:34 PM

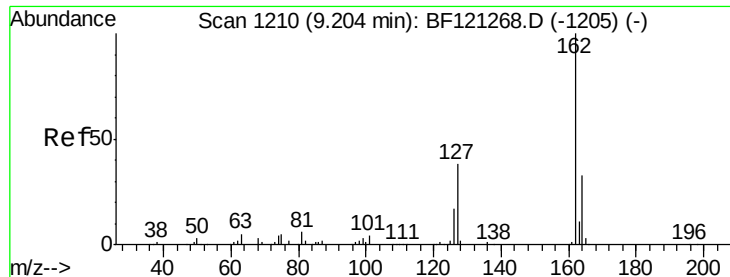
8/14/2020 2:53:34 PM



#46
 1,1'-Biphenyl
 Concen: 37.842 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:	154	Resp:	558920
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.4	60.4
76	13.1	0.0	33.6





#47
 2-Chloronaphthalene
 Concen: 37.278 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

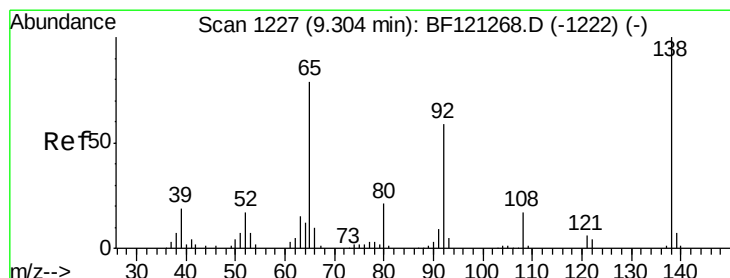
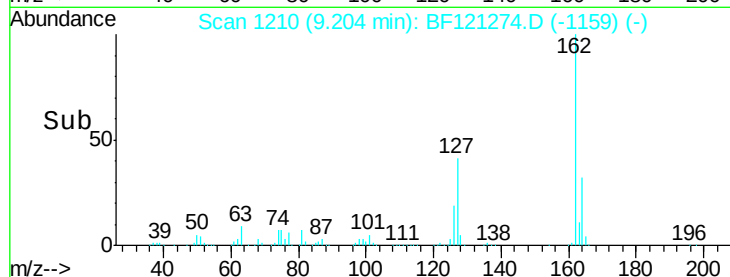
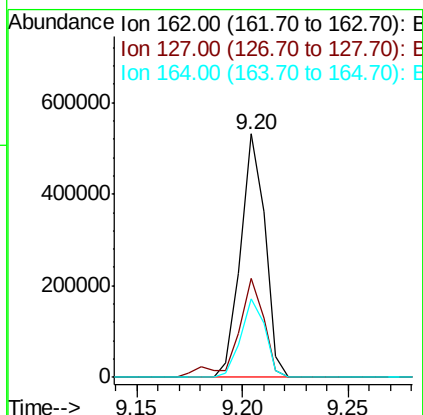
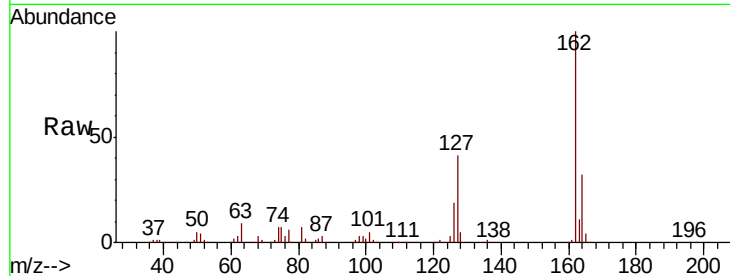
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion:	162	Resp:	423825
Ion Ratio		Lower	Upper
162	100		
127	40.5	30.5	45.7
164	32.4	26.5	39.7

Manual Integrations
 APPROVED

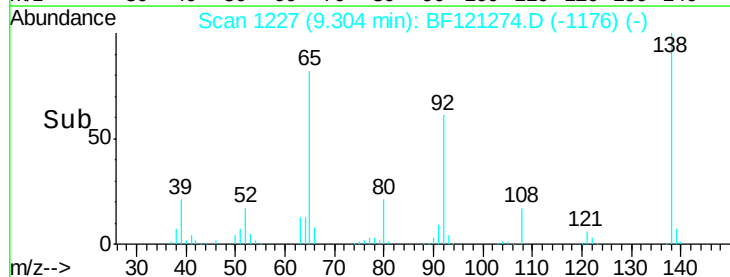
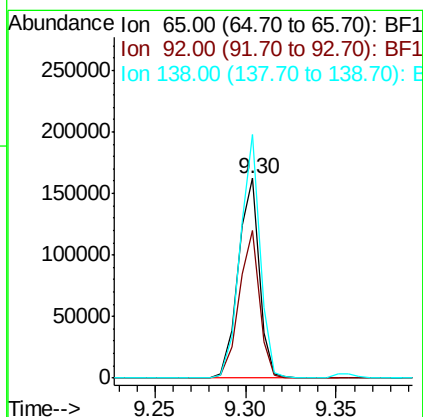
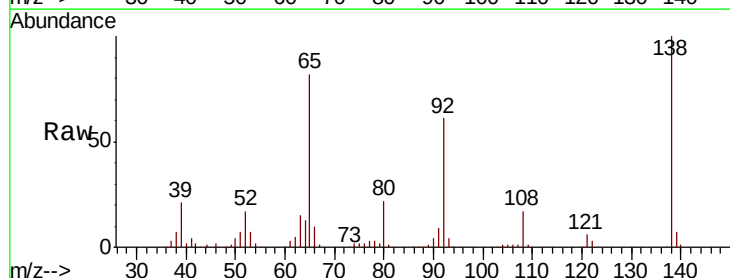
Sohil
 8/14/2020 2:53:34 PM

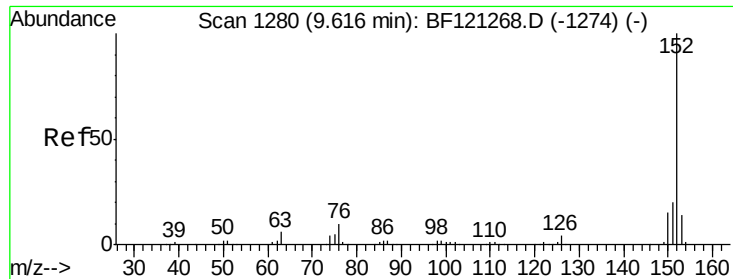
8/14/2020 2:53:34 PM



#48
 2-Nitroaniline
 Concen: 41.058 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:	65	Resp:	131211
Ion Ratio		Lower	Upper
65	100		
92	73.6	56.4	84.6
138	121.7	91.9	137.9





#49

Acenaphthylene

Concen: 37.689 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampled :

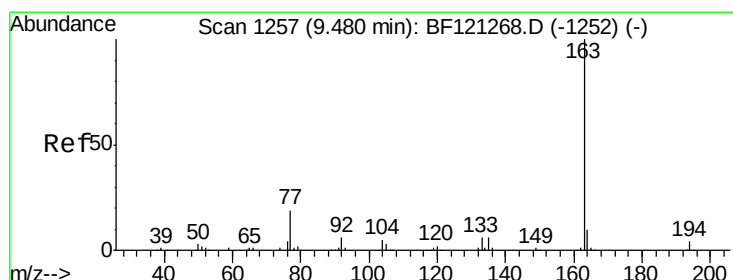
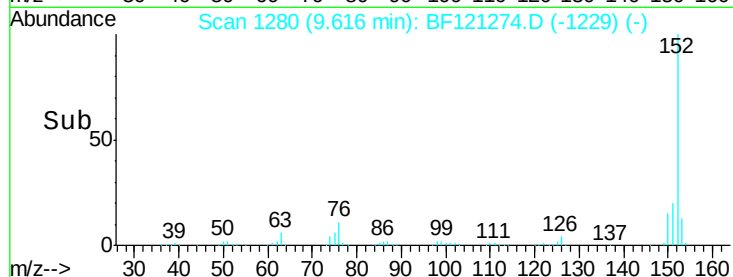
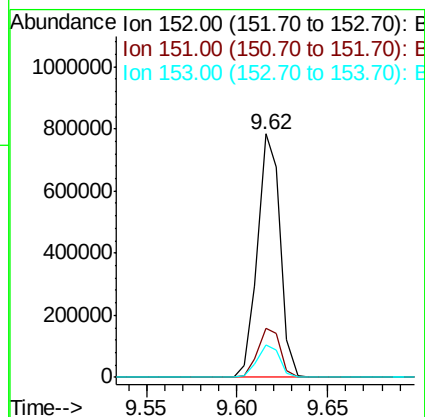
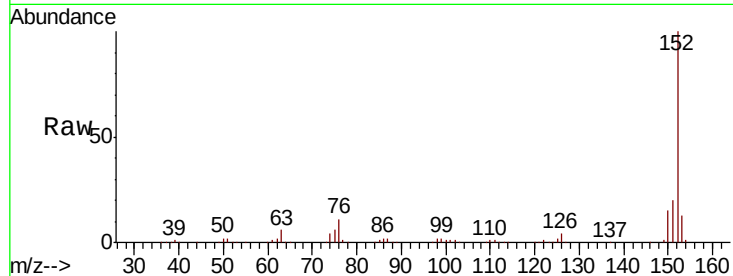
PB130942BS

Tot Ion:	152	Resp:	680583
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	13.3	10.6	15.8

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#50

Dimethylphthalate

Concen: 39.318 ng

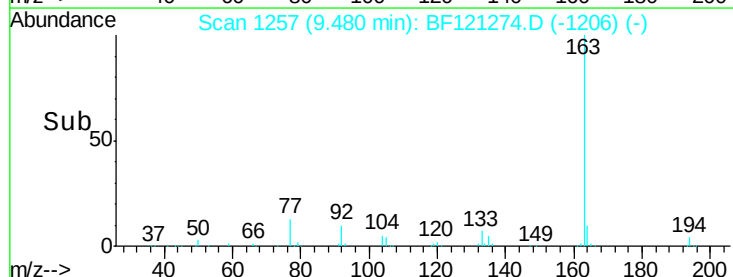
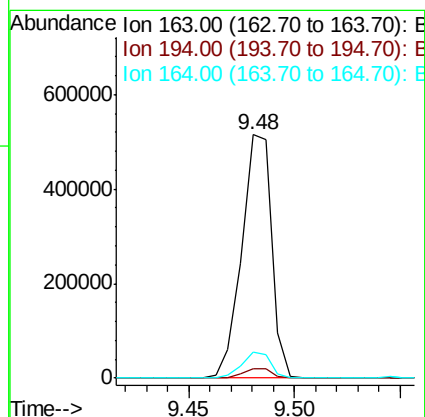
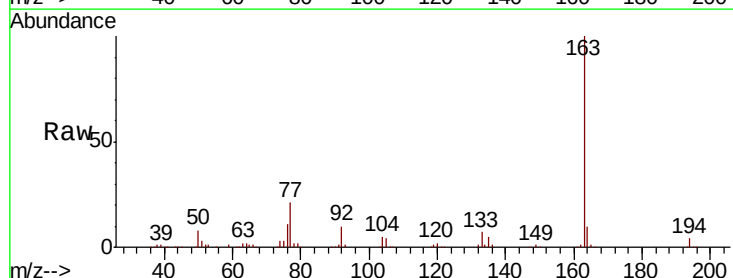
RT: 9.48 min Scan# 1257

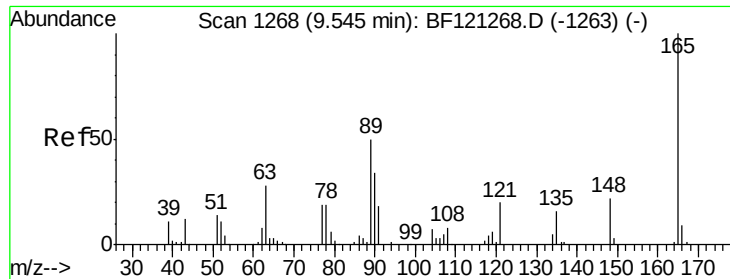
Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:	163	Resp:	505733
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.6
164	10.4	8.1	12.1





#51
 2,6-Dinitrotoluene
 Concen: 38.739 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

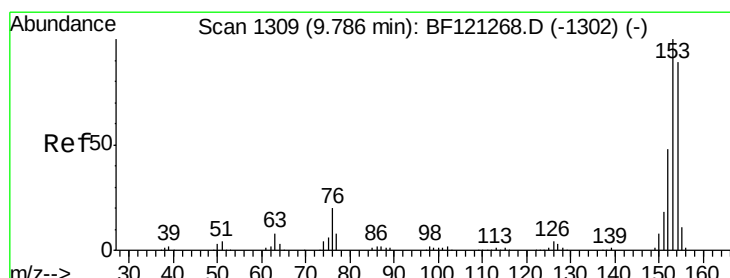
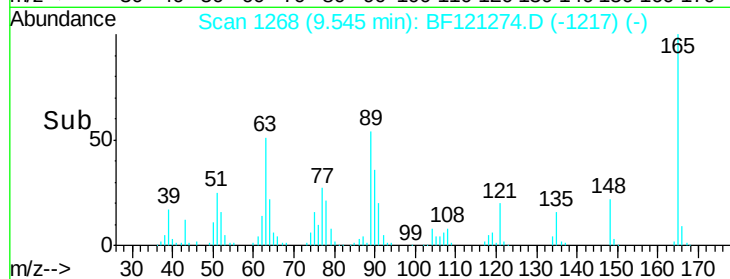
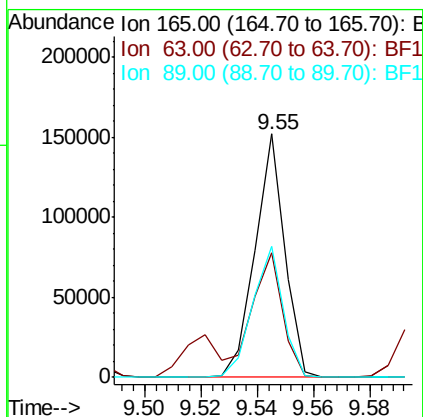
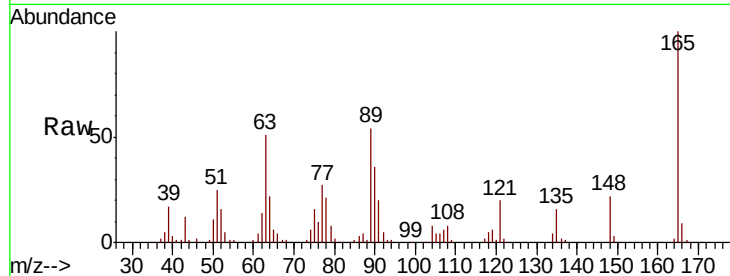
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion:	165	Resp:	111073
Ion Ratio	Lower	Upper	
165	100		
63	51.4	42.3	63.5
89	53.6	45.0	67.4

Manual Integrations
 APPROVED

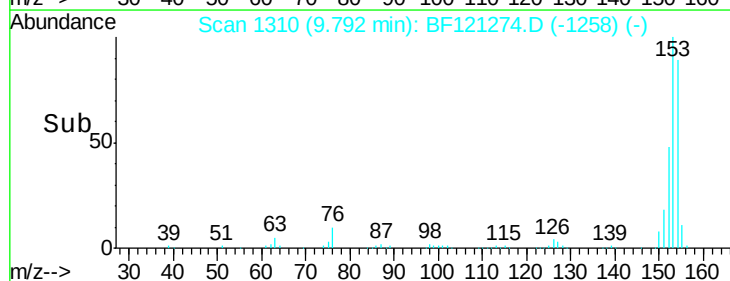
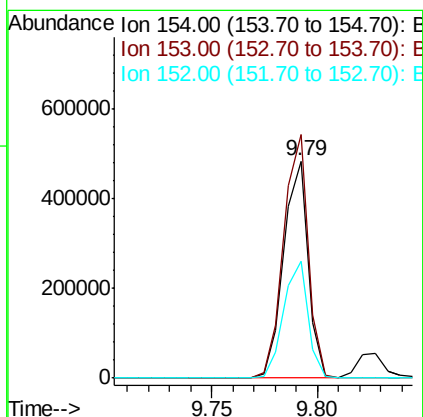
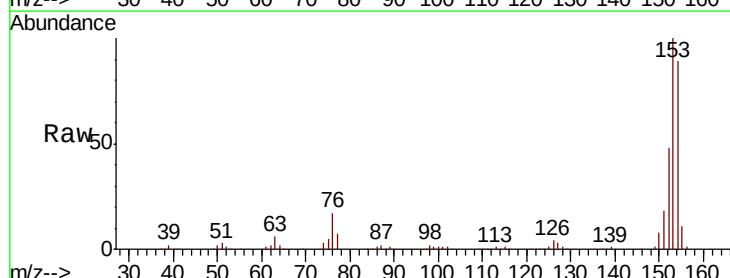
Sohil
 8/14/2020 2:53:34 PM

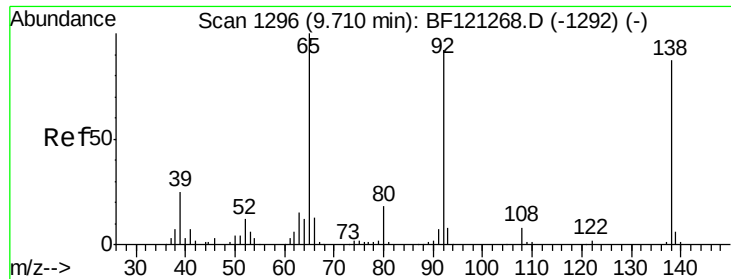
8/14/2020 2:53:34 PM



#52
 Acenaphthene
 Concen: 36.752 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:	154	Resp:	392933
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.3	133.9
152	53.7	42.9	64.3





#53
 3-Nitroaniline
 Concen: 31.185 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

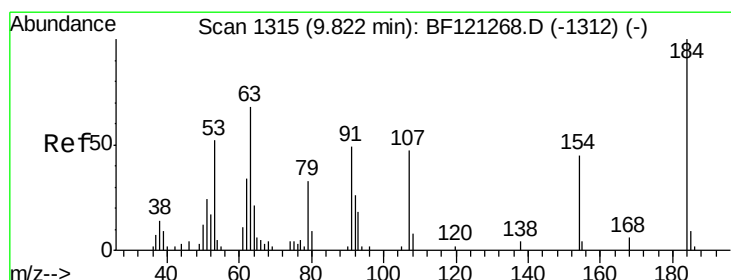
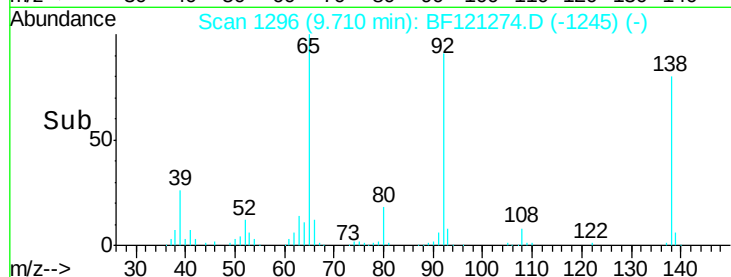
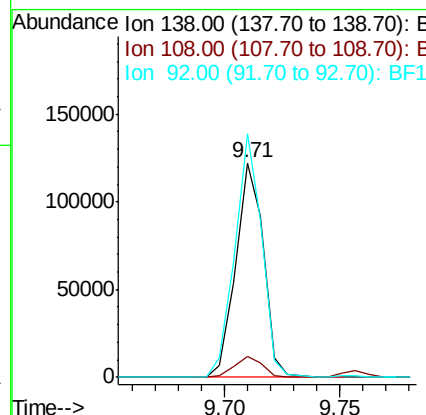
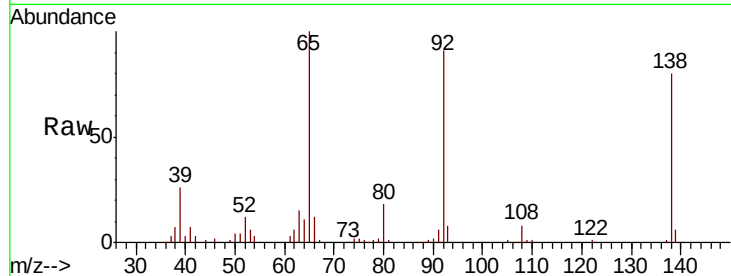
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.2
92	113.5	85.1	127.7

Manual Integrations
 APPROVED

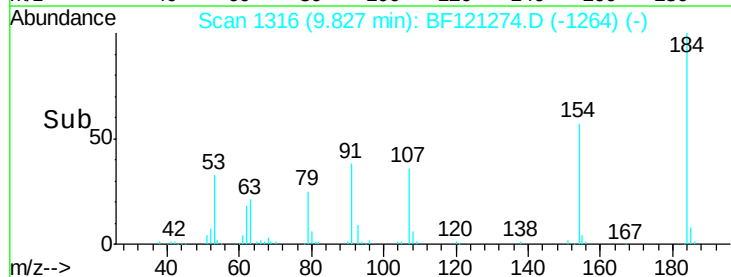
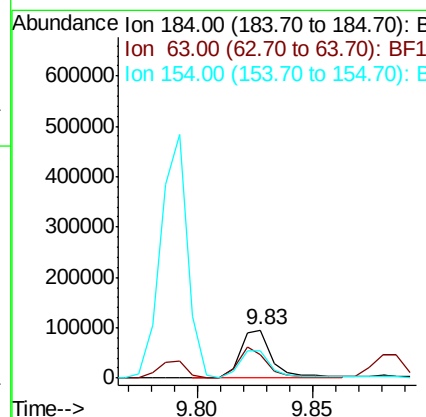
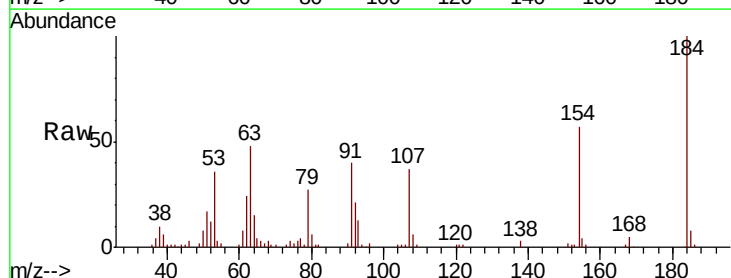
Sohil
 8/14/2020 2:53:34 PM

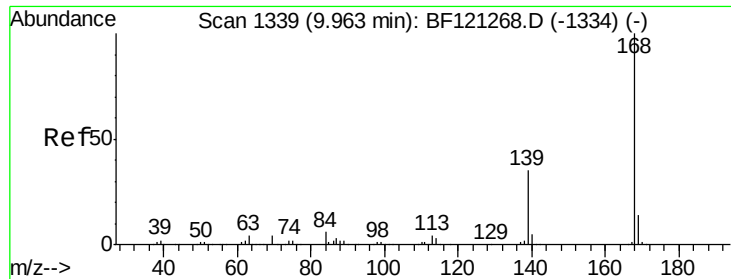
8/14/2020 2:53:34 PM



#54
 2,4-Dinitrophenol
 Concen: 64.355 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.5	39.4	59.2
154	57.0	43.4	65.0





#55
Dibenzofuran
Concen: 36.363 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

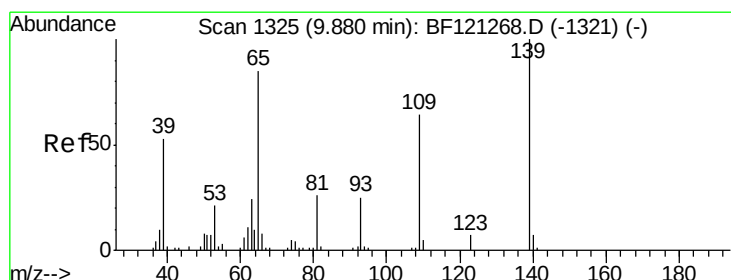
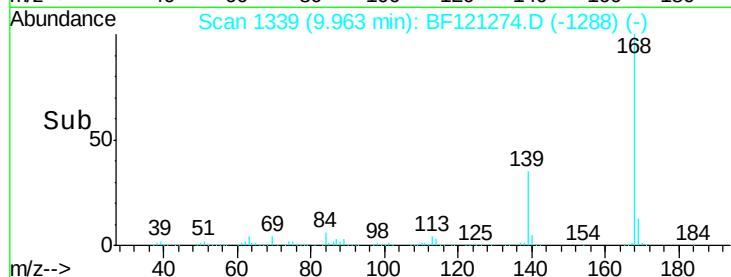
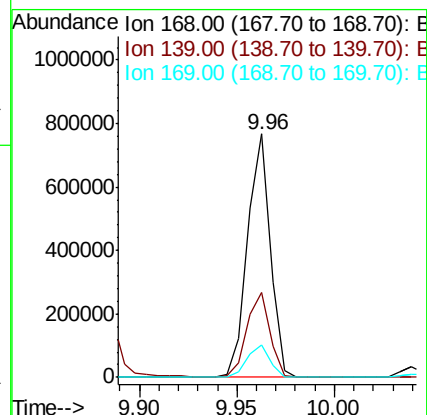
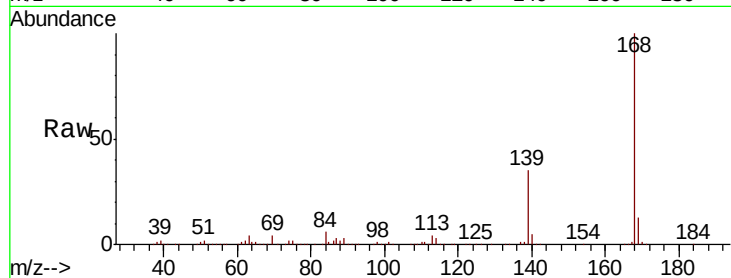
Instrument :
BNA_F
ClientSampled :
PB130942BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	29.0	43.6
169	13.2	11.0	16.4

Manual Integrations
APPROVED

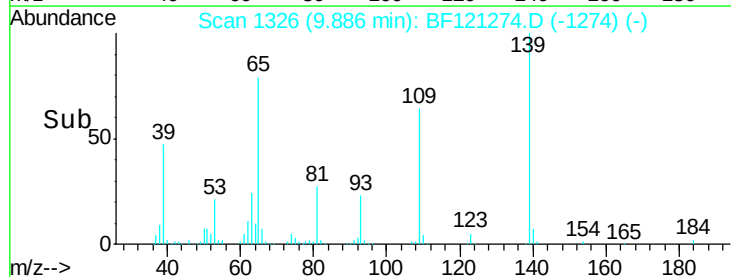
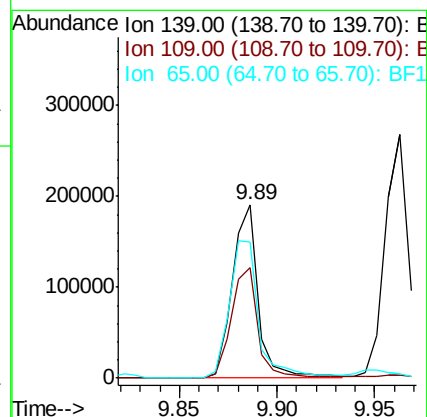
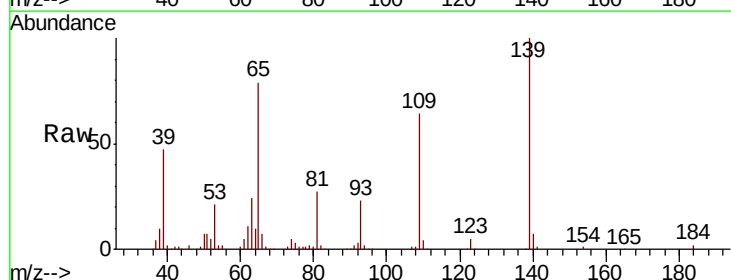
Sohil
8/14/2020 2:53:34 PM

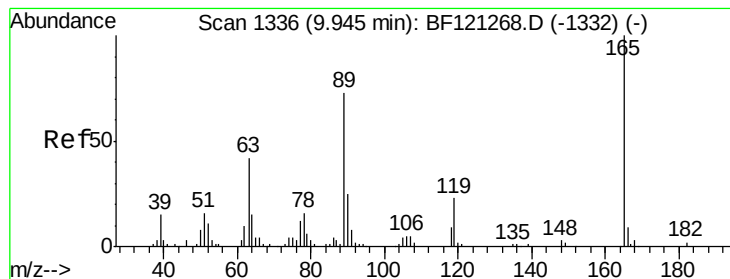
8/14/2020 2:53:34 PM



#56
4-Nitrophenol
Concen: 83.503 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	47.2	87.2
65	78.5	70.6	110.6





#57
 2,4-Dinitrotoluene
 Concen: 40.466 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

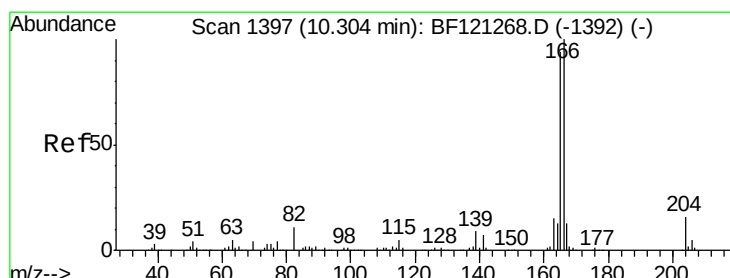
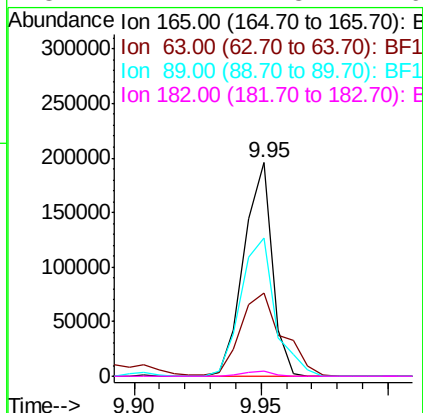
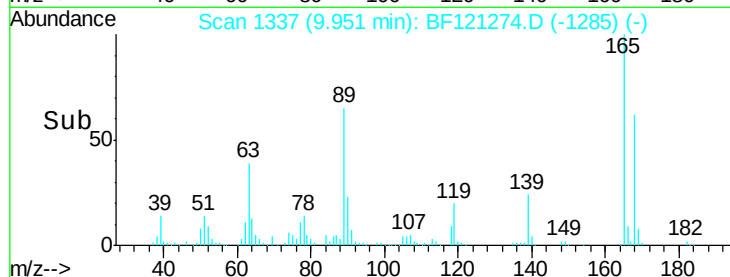
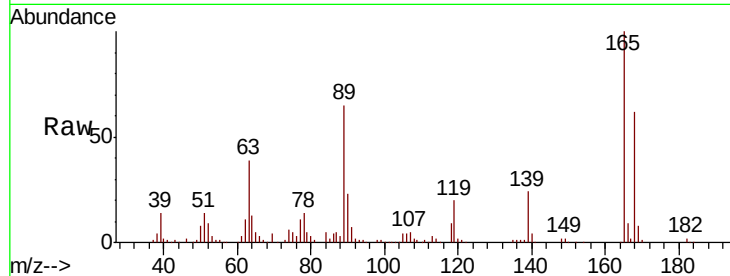
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.3	31.9	47.9	
89	65.0	53.6	80.4	
182	2.4	1.8	2.6	

Manual Integrations
 APPROVED

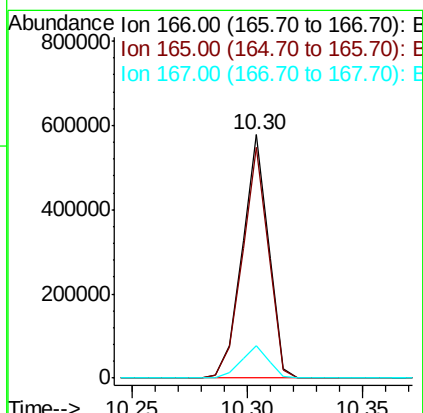
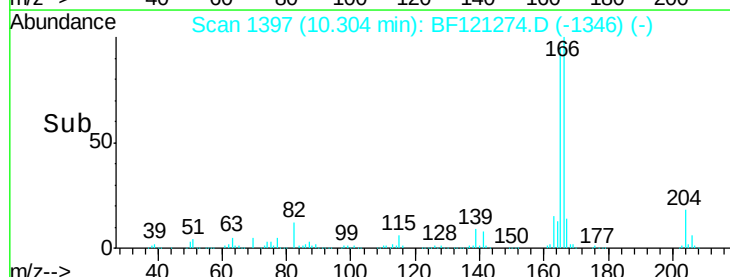
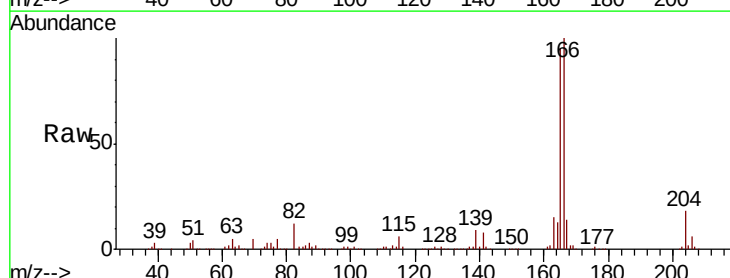
Sohil
 8/14/2020 2:53:34 PM

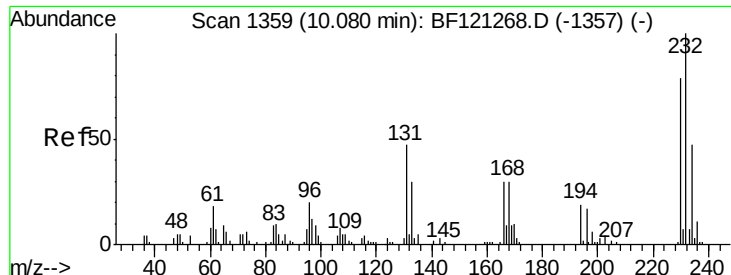
8/14/2020 2:53:34 PM



#58
 Fluorene
 Concen: 35.568 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.7	75.0	112.6	
167	13.6	10.6	16.0	





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.304 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

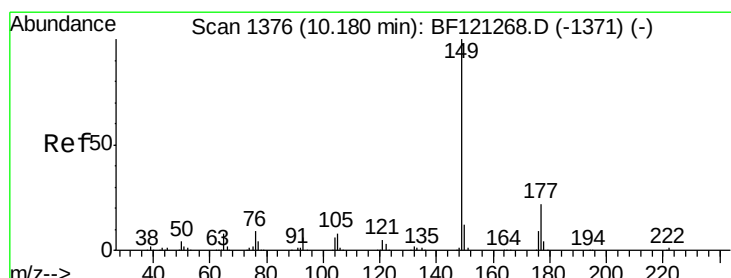
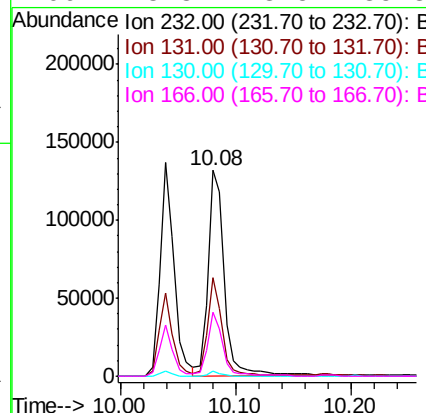
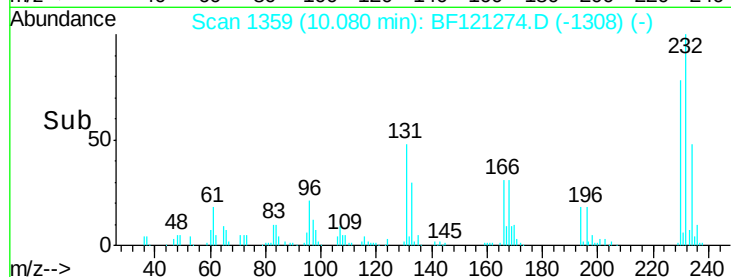
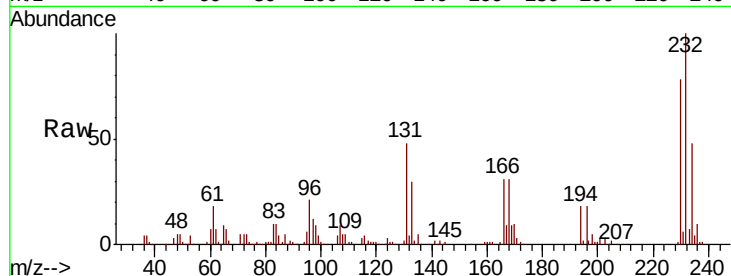
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	129206		
131	42.6	36.6	55.0	
130	1.9	1.6	2.4	
166	28.8	23.5	35.3	

Manual Integrations
APPROVED

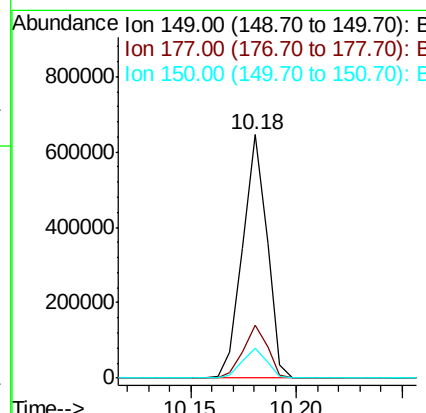
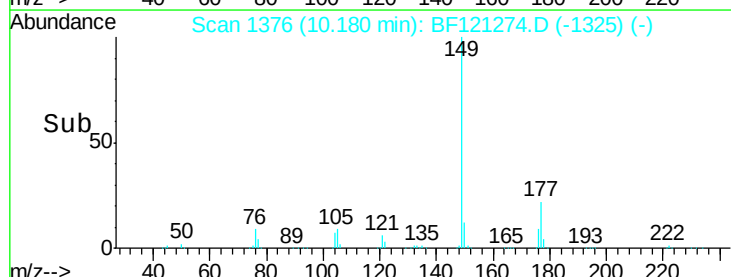
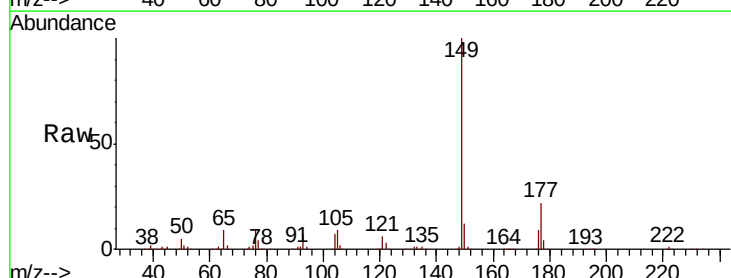
Sohil
8/14/2020 2:53:34 PM

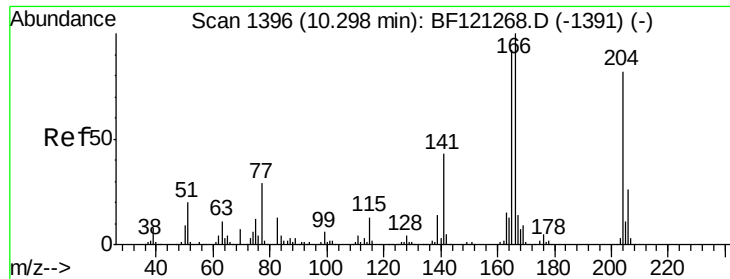
8/14/2020 2:53:34 PM



#60
Diethylphthalate
Concen: 39.427 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	515698		
177	21.9	17.4	26.2	
150	12.4	10.1	15.1	





#61
4-Chlorophenyl-phenylether
Concen: 36.745 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

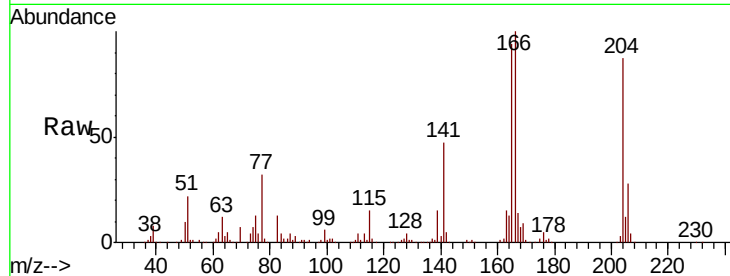
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	54.3	44.2	66.4

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM

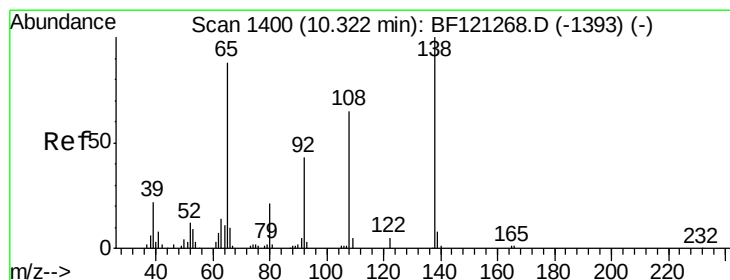
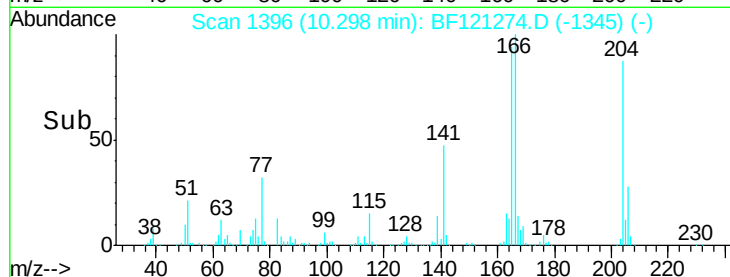
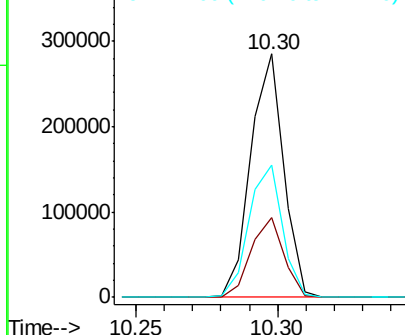


Abundance

Ion 204.00 (203.70 to 204.70): E

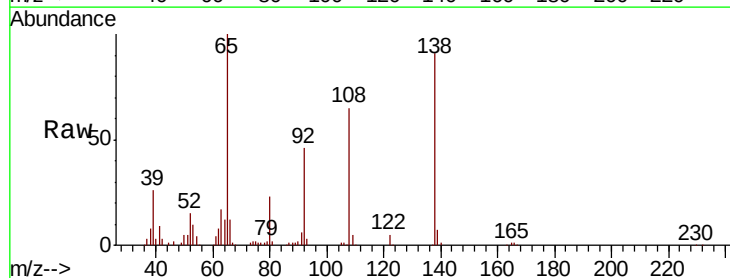
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.683 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.9	66.9
108	71.6	48.1	88.1

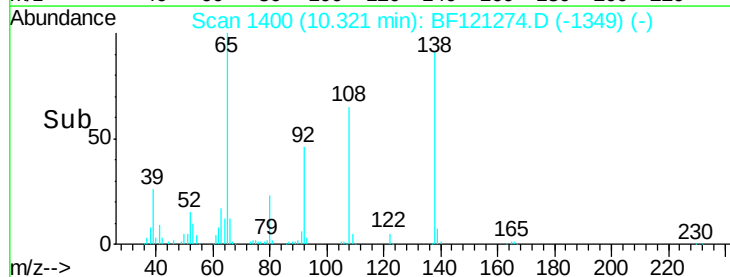
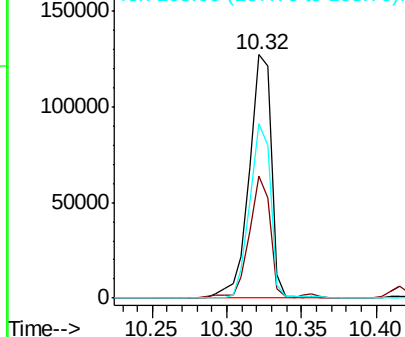


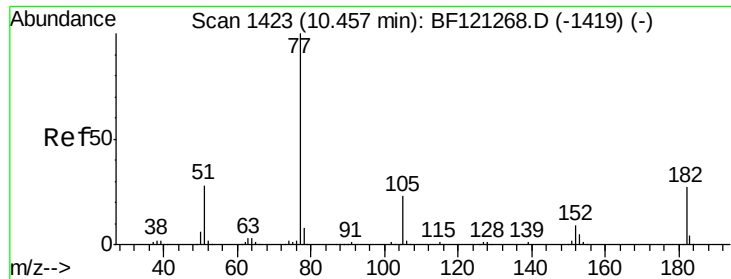
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63
Azobenzene
Concen: 37.271 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

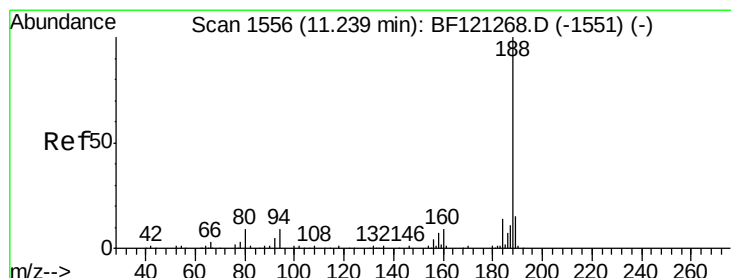
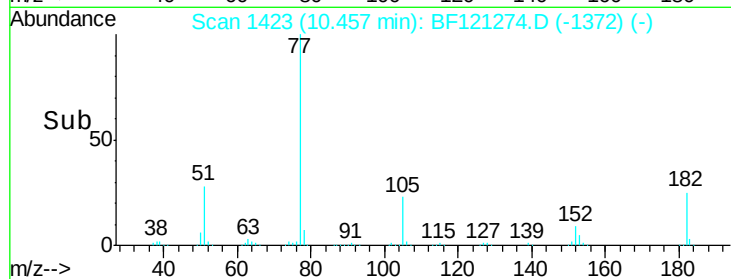
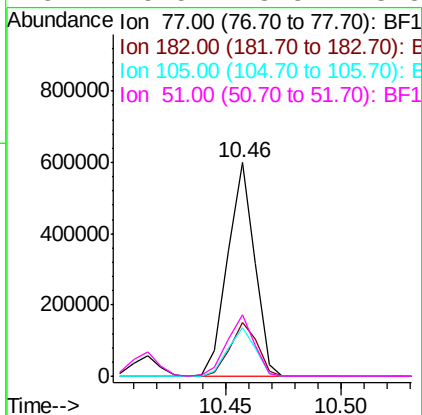
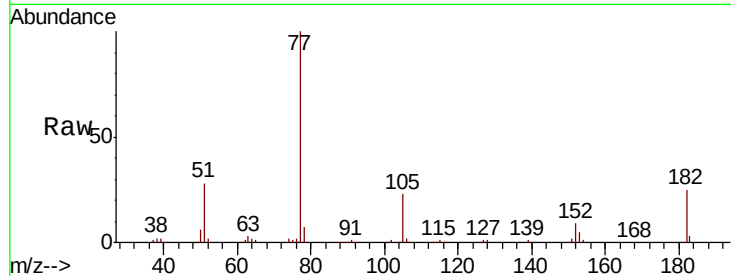
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		487104		
182	25.1	3.8	43.8		
105	23.0	2.9	42.9		
51	28.5	8.3	48.3		

Manual Integrations
APPROVED

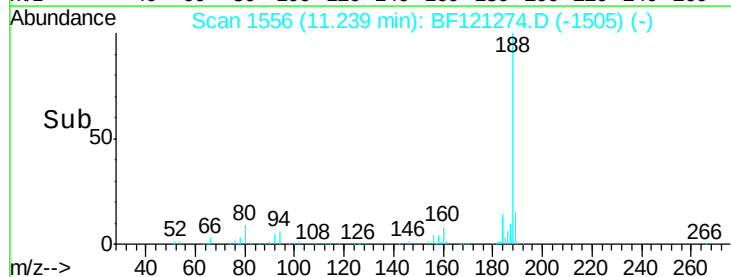
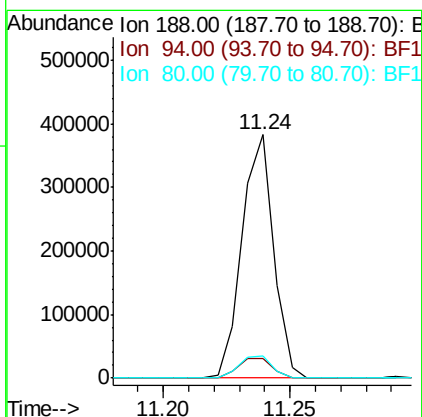
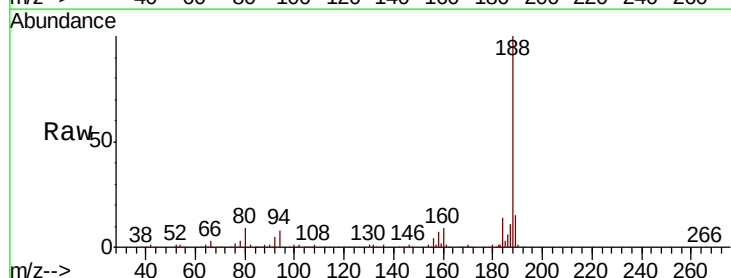
Sohil
8/14/2020 2:53:34 PM

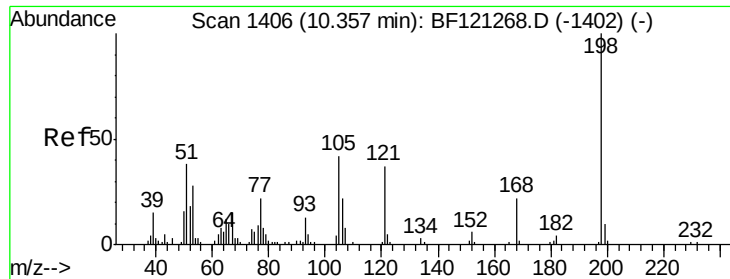
8/14/2020 2:53:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		331796		
94	8.3	7.0	10.6		
80	9.1	7.4	11.0		





#65
4,6-Dinitro-2-methylphenol
Concen: 38.422 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

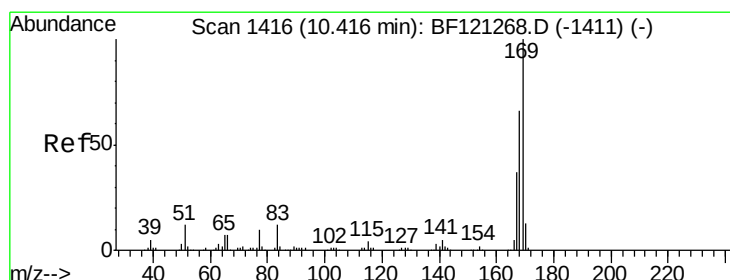
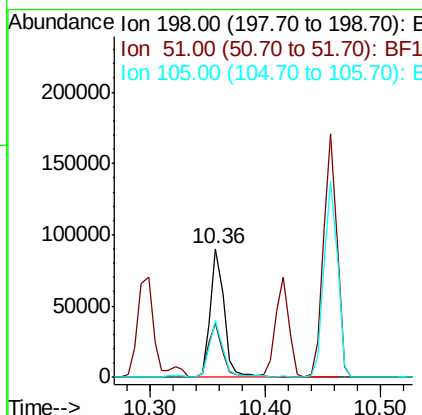
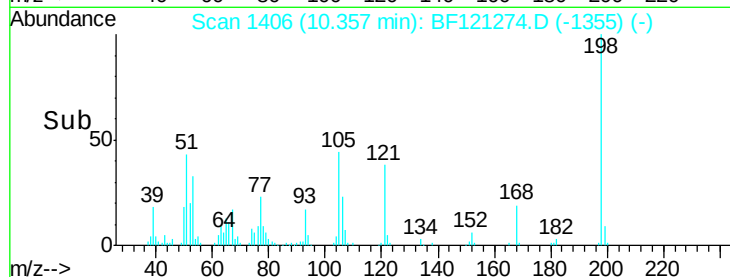
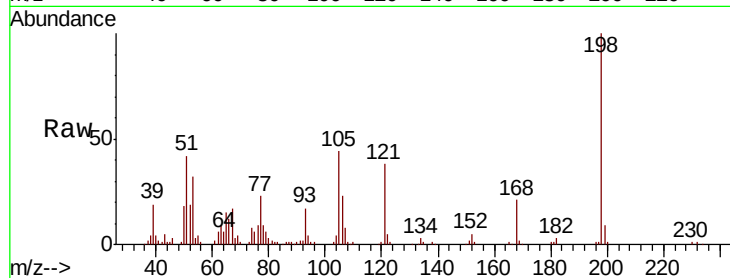
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	29.1	69.1
105	43.6	28.3	68.3

Manual Integrations
APPROVED

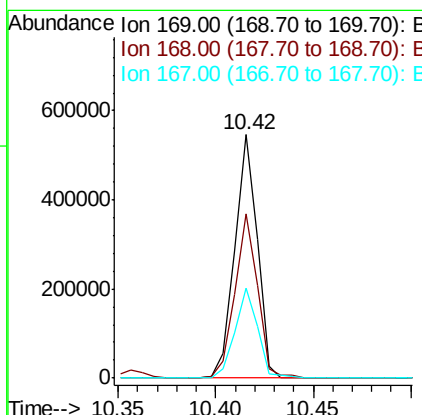
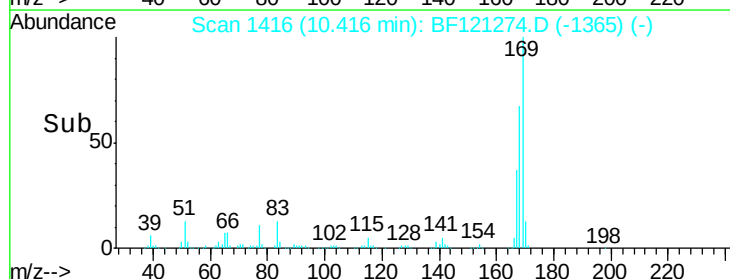
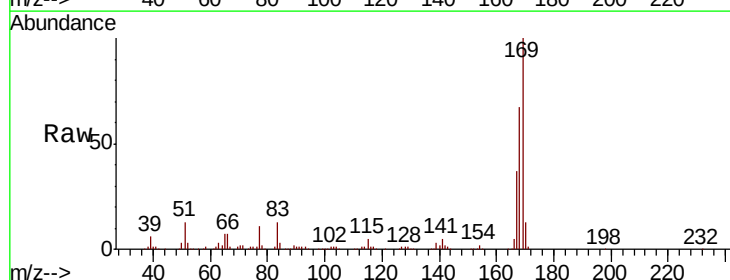
Sohil
8/14/2020 2:53:34 PM

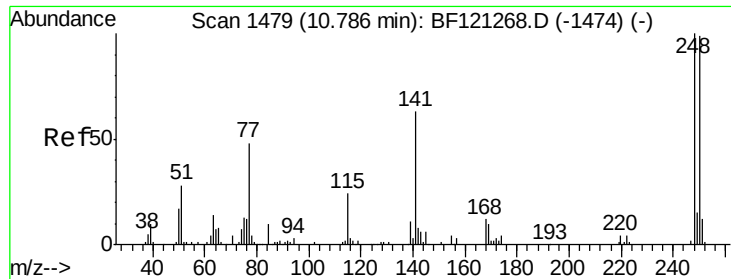
8/14/2020 2:53:34 PM



#66
n-Nitrosodiphenylamine
Concen: 38.302 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	37.2	29.2	43.8





#67
 4-Bromophenyl-phenylether
 Concen: 38.885 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

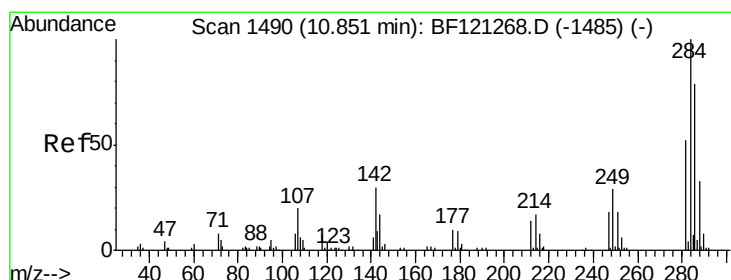
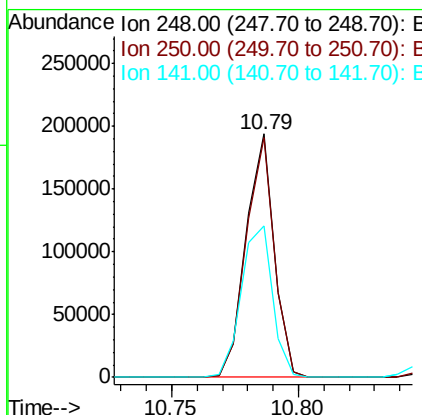
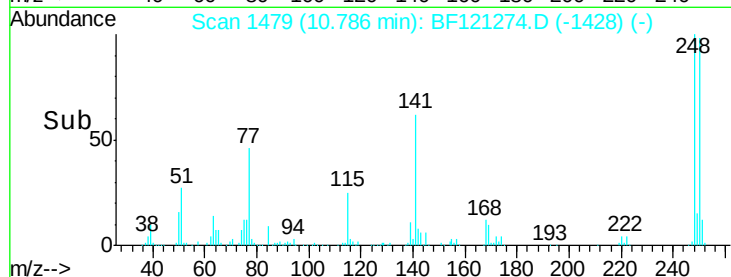
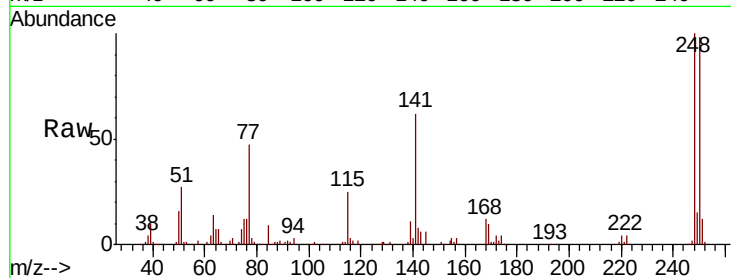
Instrument :
 BNA_F
 ClientSampled :
 PB130942BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.7	116.5
141	62.3	53.4	80.2

Manual Integrations
 APPROVED

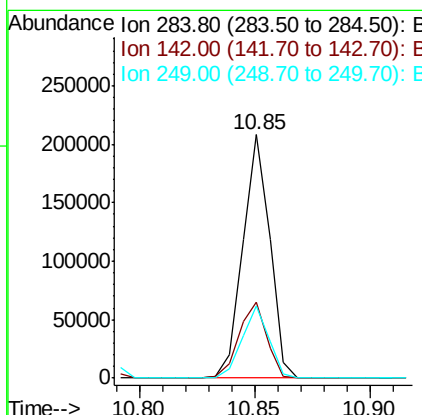
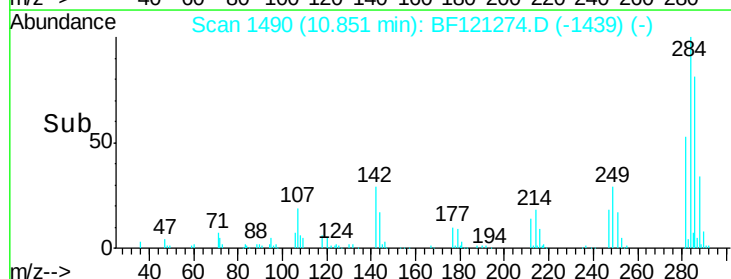
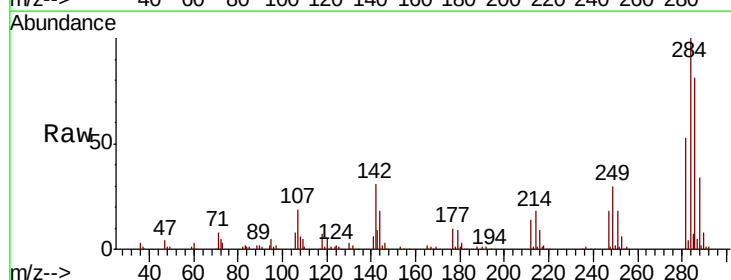
Sohil
 8/14/2020 2:53:34 PM

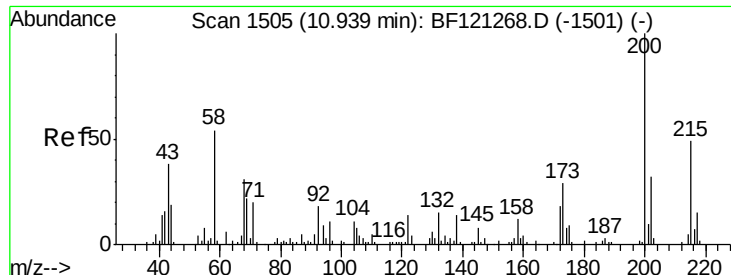
8/14/2020 2:53:34 PM



#68
 Hexachlorobenzene
 Concen: 38.536 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.5	39.7
249	29.7	23.8	35.6





#69
Atrazine
Concen: 36.612 ng
RT: 10.94 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

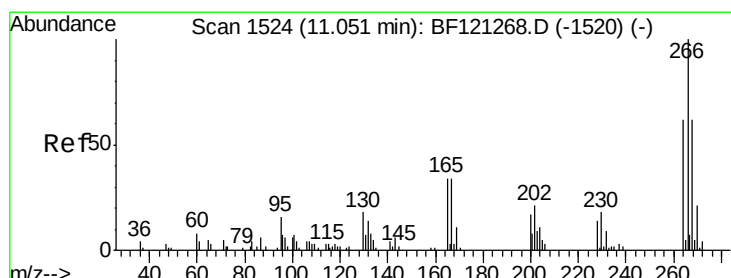
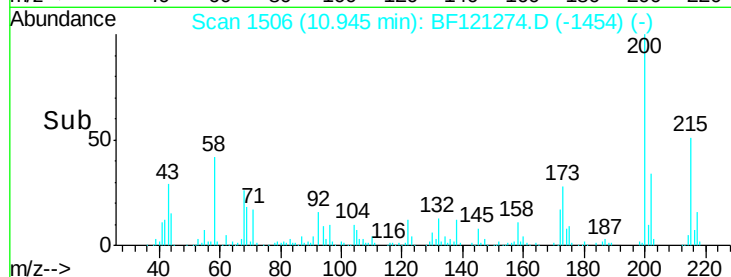
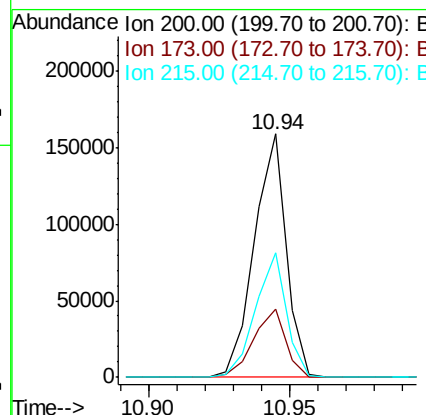
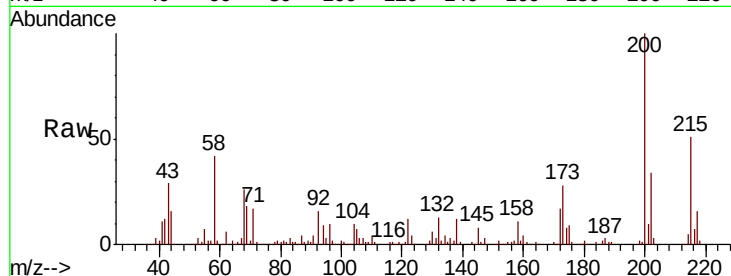
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.7	47.7
215	50.9	28.9	68.9

Manual Integrations
APPROVED

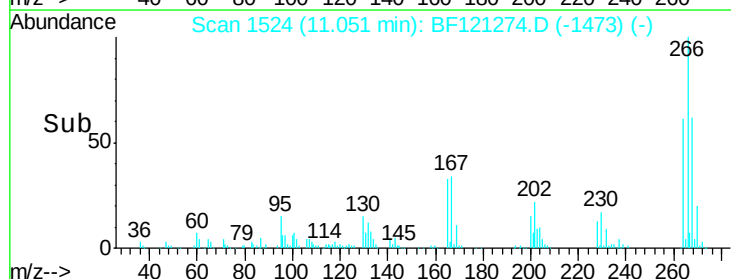
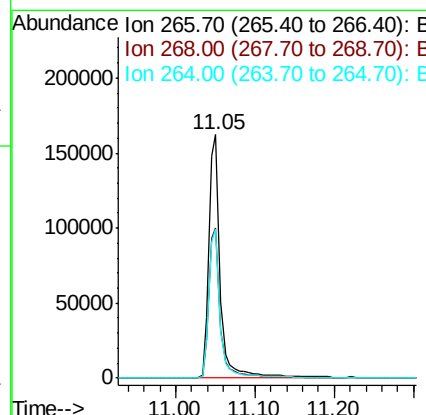
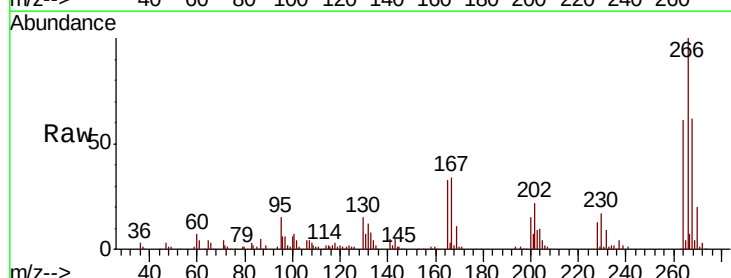
Sohil
8/14/2020 2:53:34 PM

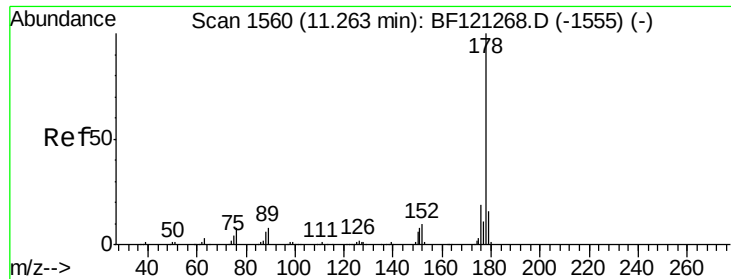
8/14/2020 2:53:34 PM



#70
Pentachlorophenol
Concen: 84.687 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.0	76.4
264	61.4	50.6	76.0





#71
Phenanthrene
Concen: 37.596 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

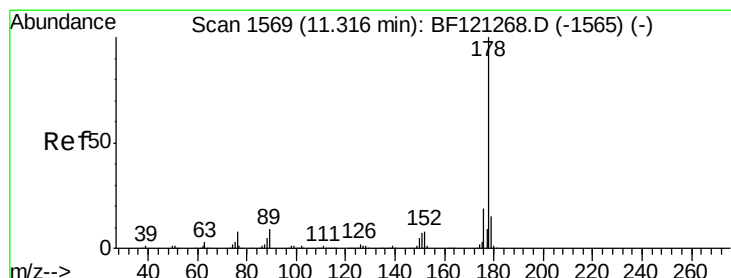
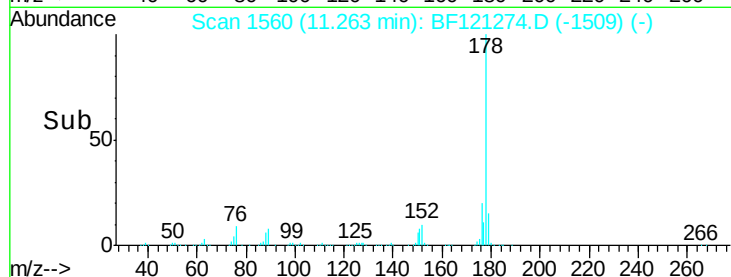
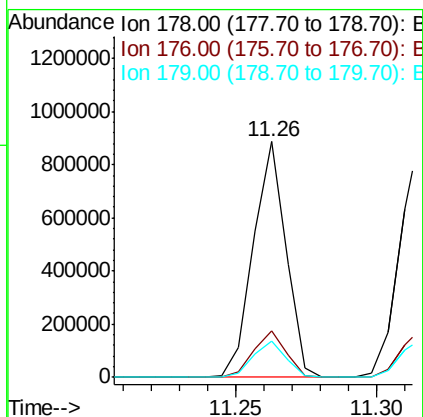
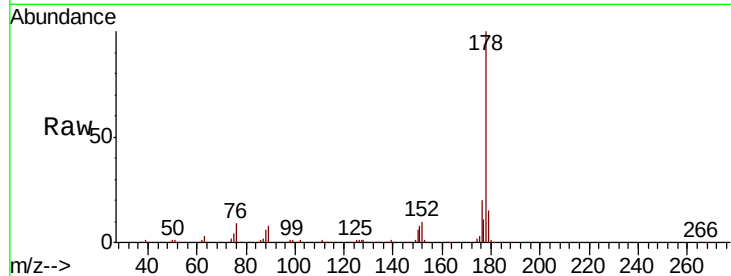
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.4	12.6	19.0

Manual Integrations
APPROVED

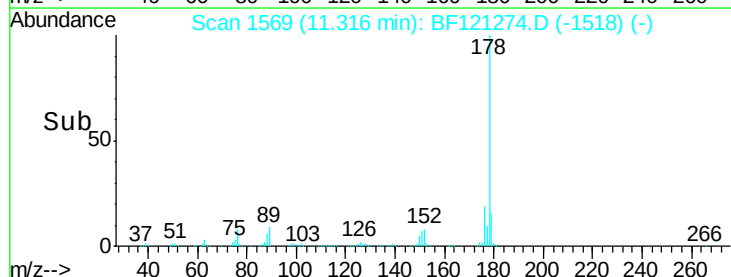
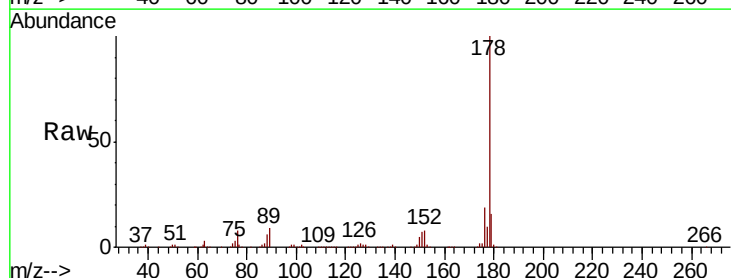
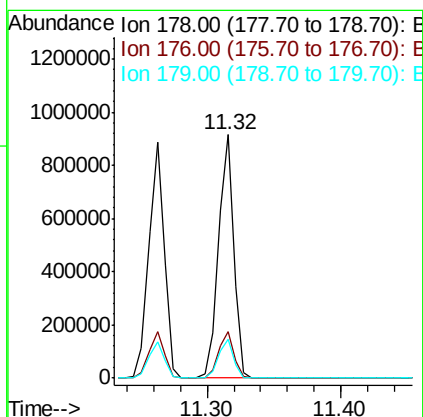
Sohil
8/14/2020 2:53:34 PM

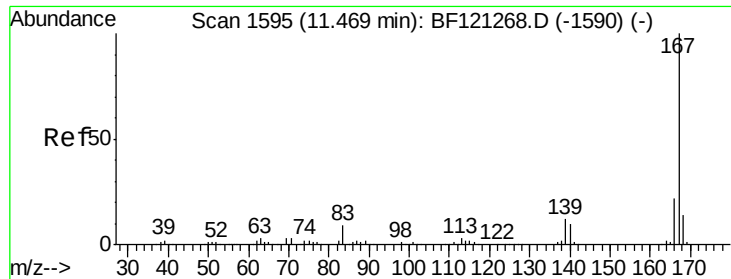
8/14/2020 2:53:34 PM



#72
Anthracene
Concen: 39.040 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.8	12.4	18.6





#73
 Carbazole
 Concen: 37.403 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

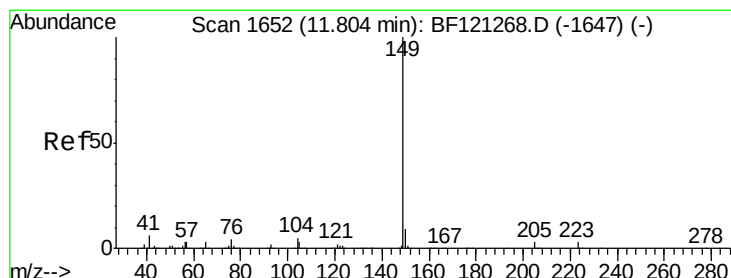
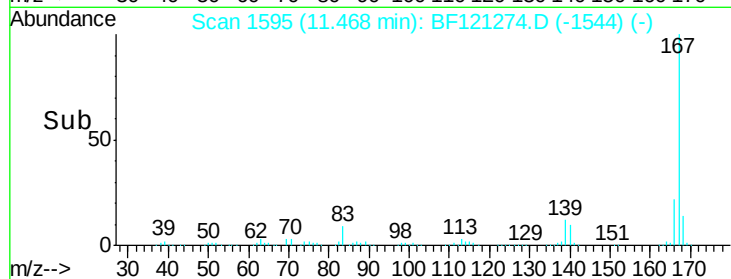
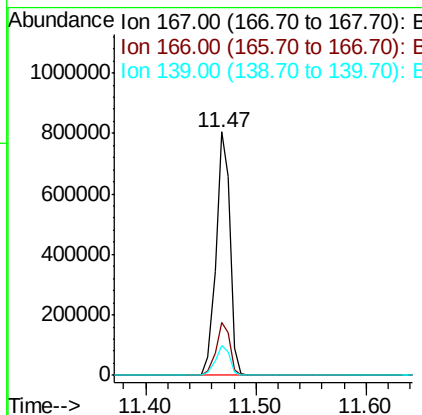
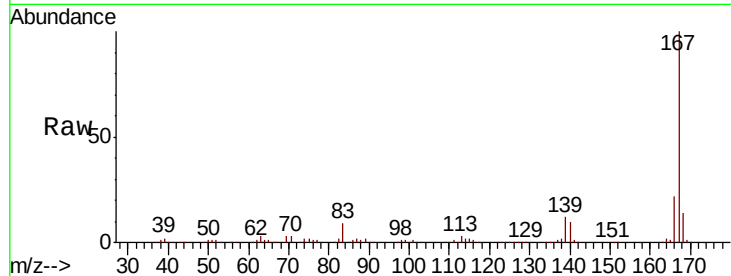
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.4	9.8	14.6

Manual Integrations
 APPROVED

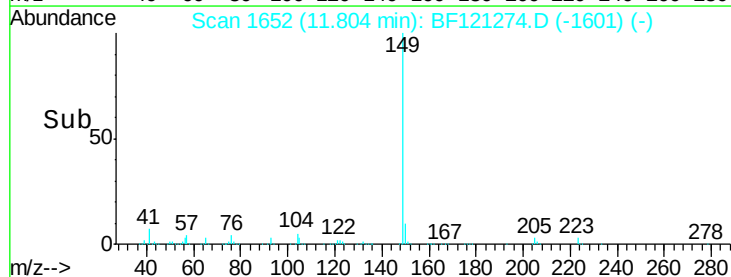
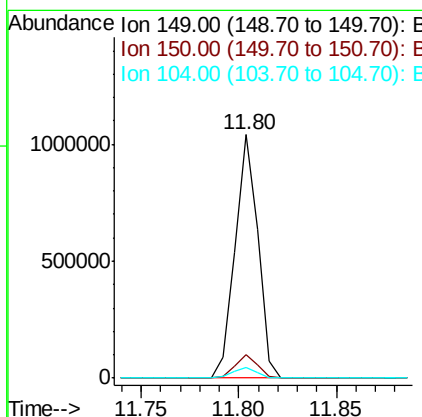
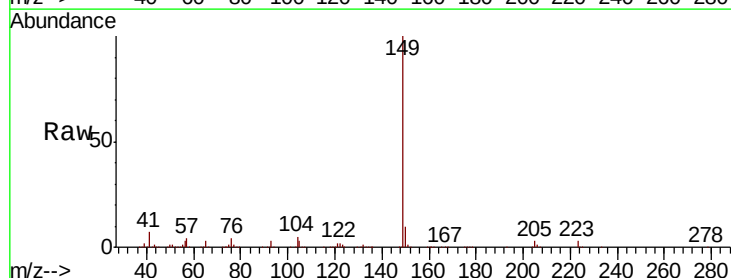
Sohil
 8/14/2020 2:53:34 PM

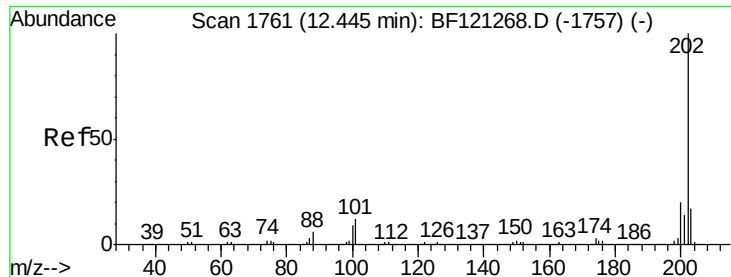
8/14/2020 2:53:34 PM



#74
 Di-n-butylphthalate
 Concen: 40.078 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.5	3.7	5.5





#75
 Fluoranthene
 Concen: 38.606 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

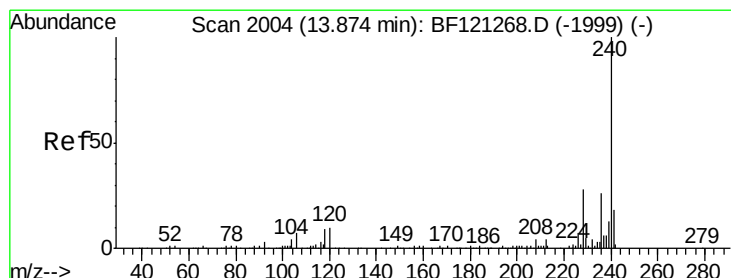
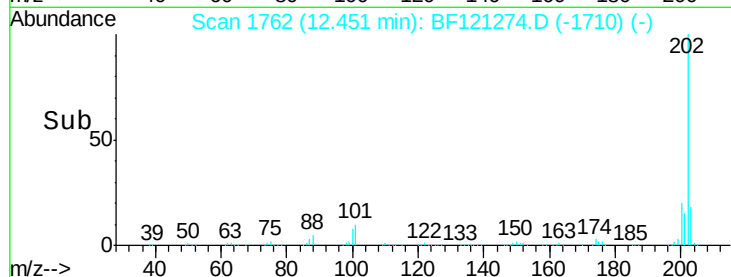
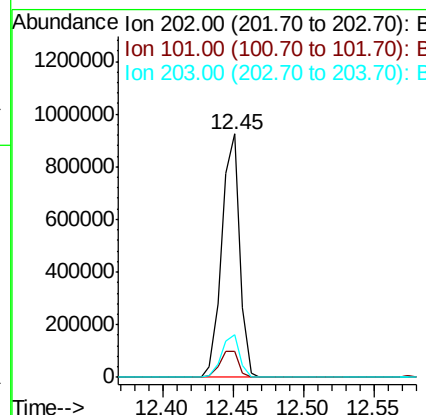
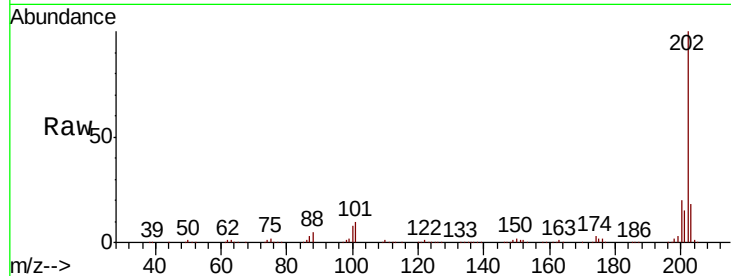
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	815986		
101	10.5	0.0	30.6	
203	17.8	0.0	38.0	

Manual Integrations
 APPROVED

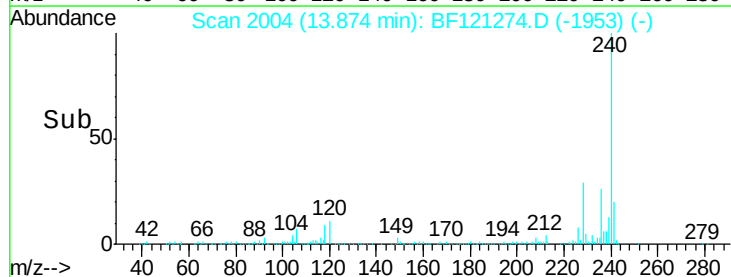
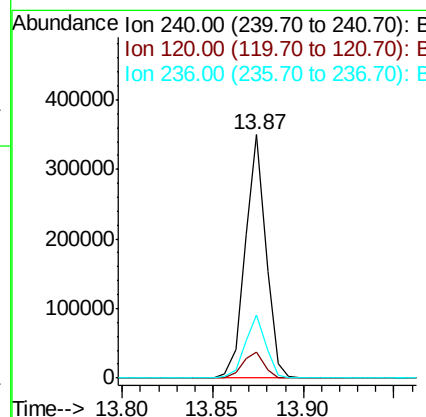
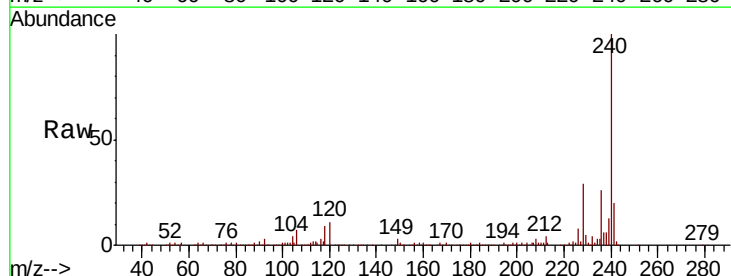
Sohil
 8/14/2020 2:53:34 PM

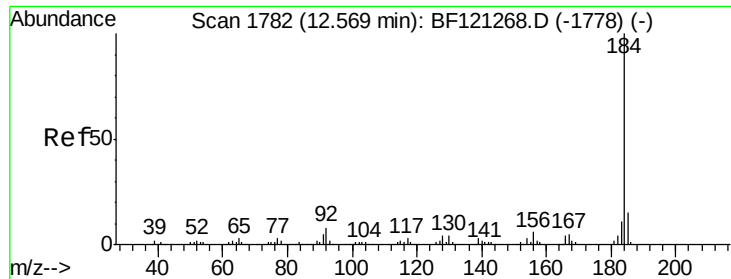
8/14/2020 2:53:34 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	276336		
120	10.8	9.2	13.8	
236	25.7	21.0	31.4	





#77

Benzidine

Concen: 69.411 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampleId :

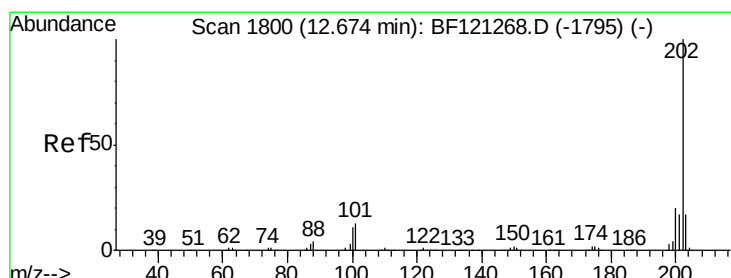
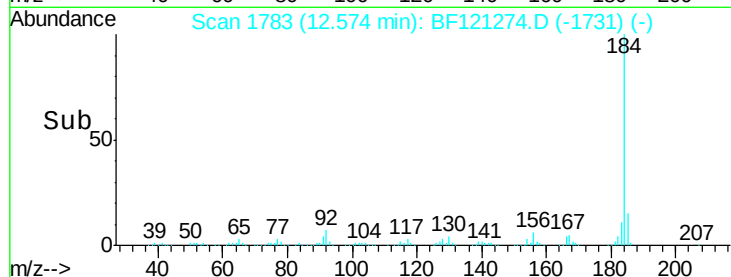
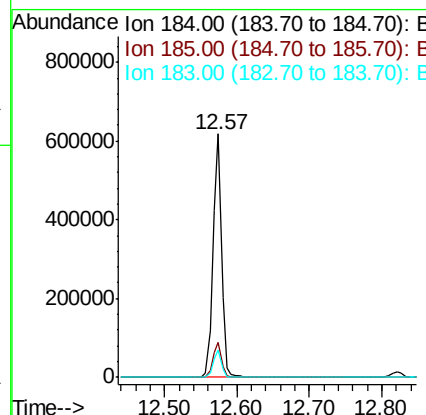
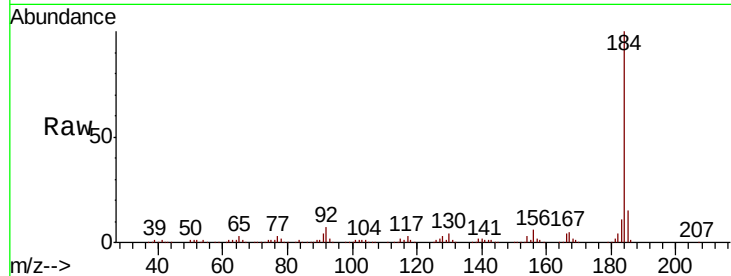
PB130942BS

Tot Ion:	184	Resp:	504236
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	11.0	8.3	12.5

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#78

Pyrene

Concen: 41.069 ng

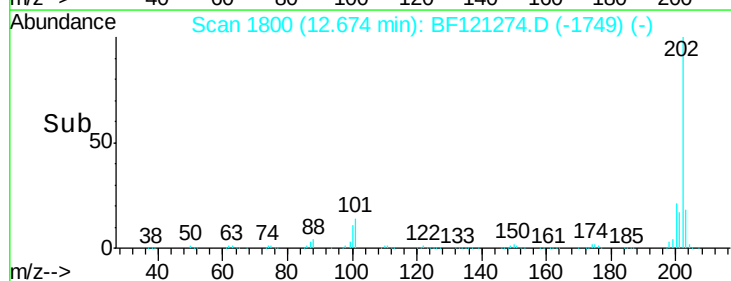
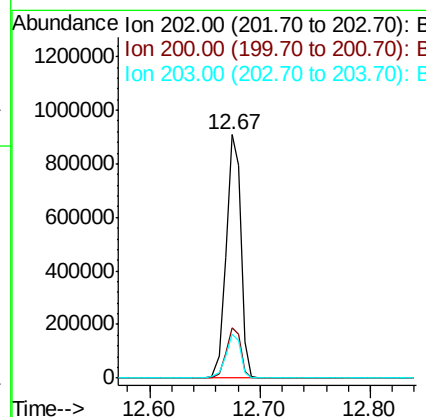
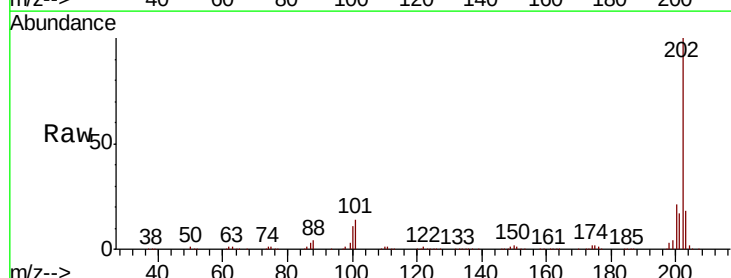
RT: 12.67 min Scan# 1800

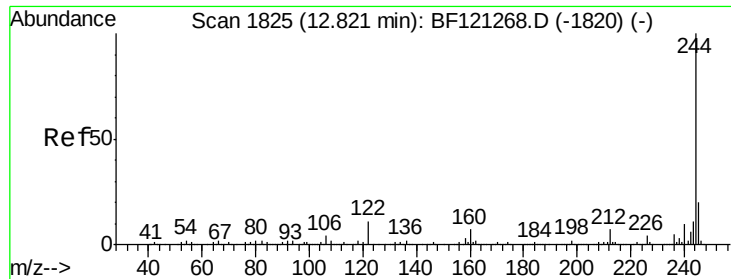
Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:	202	Resp:	845117
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.3	24.5
203	18.3	13.8	20.8





#79
 Terphenyl-d14
 Concen: 66.114 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

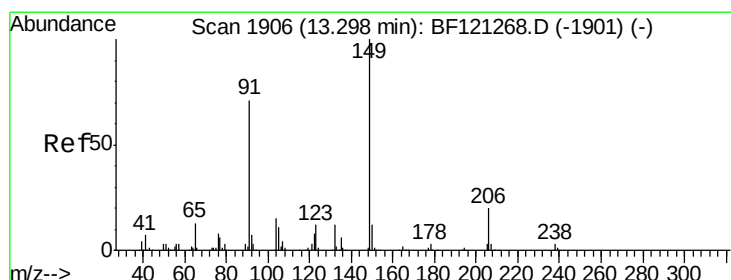
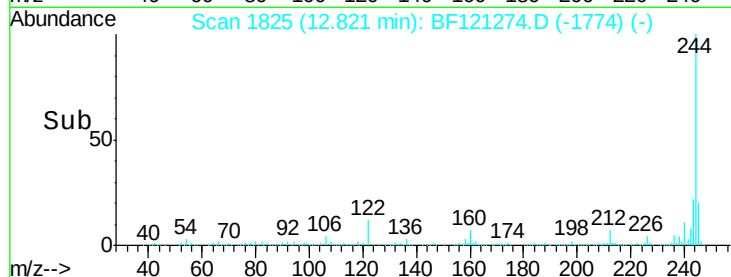
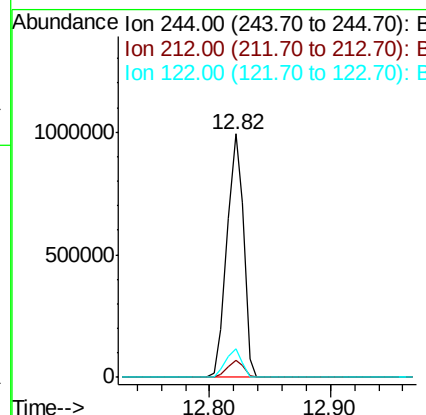
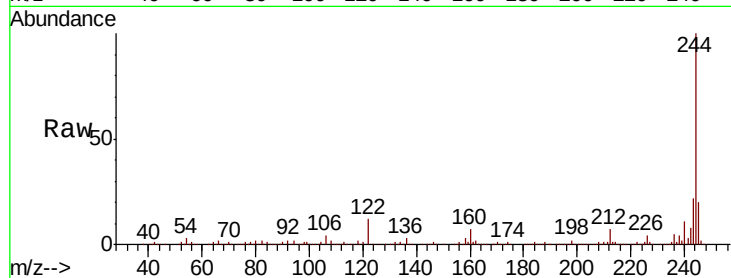
Instrument :
 BNA_F
 ClientSampled :
 PB130942BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.6	9.1	13.7

Manual Integrations
 APPROVED

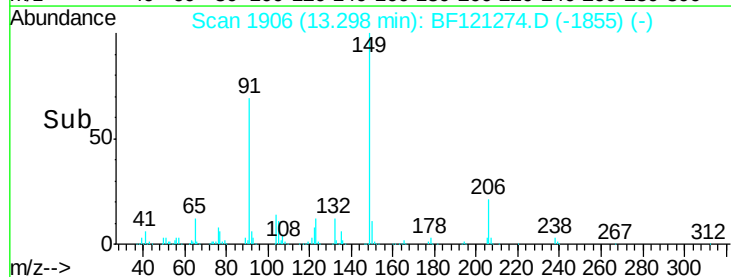
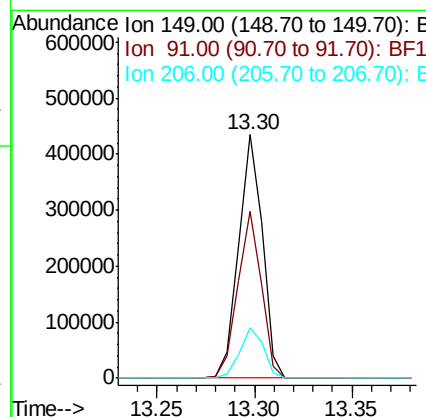
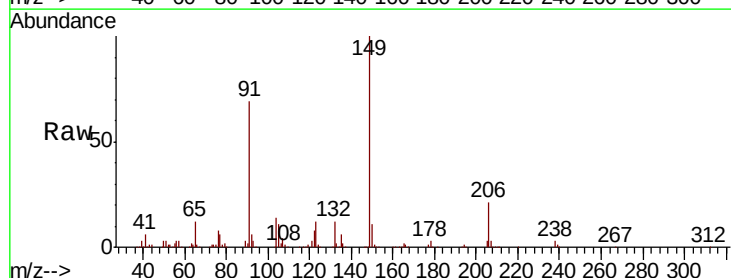
Sohil
 8/14/2020 2:53:34 PM

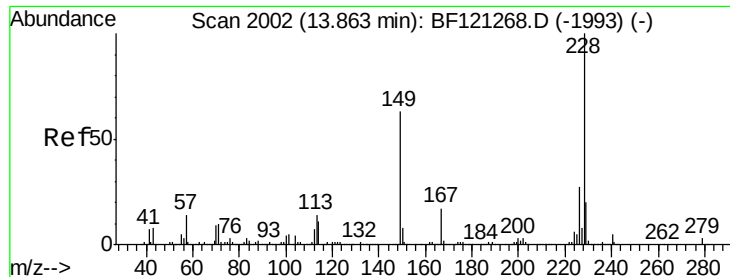
8/14/2020 2:53:34 PM



#80
 Butylbenzylphthalate
 Concen: 43.755 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	55.4	83.2
206	20.5	16.0	24.0





#81

Benzo(a)anthracene

Concen: 37.683 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Instrument :

BNA_F

ClientSampled :

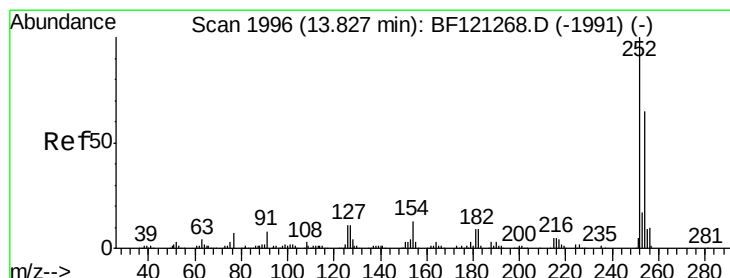
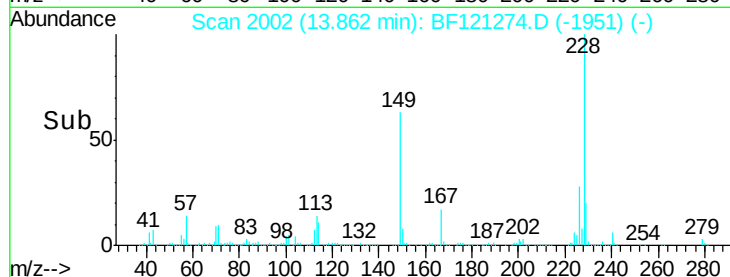
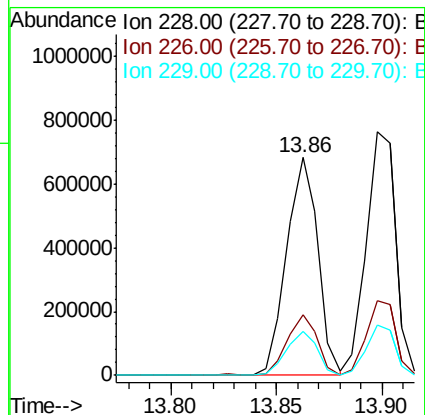
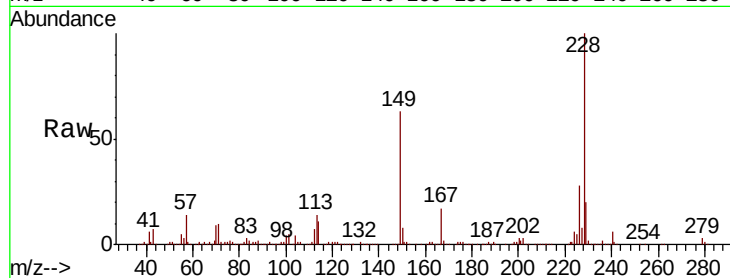
PB130942BS

Tot Ion:	228	Resp:	706271
Ion Ratio		Lower	Upper
228	100		
226	27.9	22.0	33.0
229	20.1	16.0	24.0

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#82

3,3'-Dichlorobenzidine

Concen: 29.163 ng

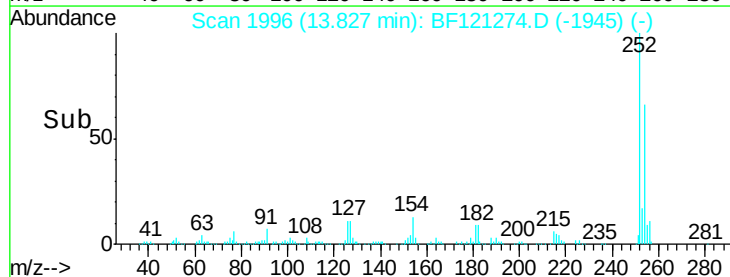
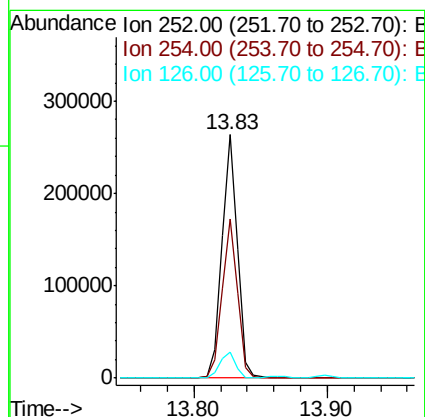
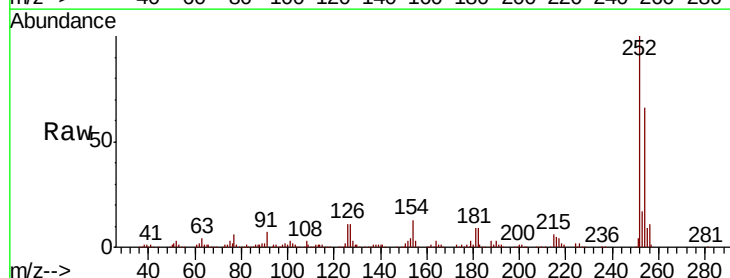
RT: 13.83 min Scan# 1996

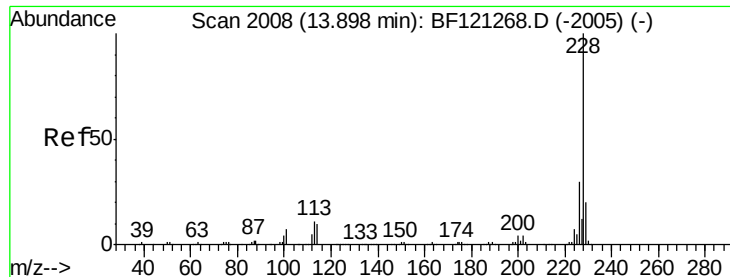
Delta R.T. -0.00 min

Lab File: BF121274.D

Acq: 13 Aug 2020 17:01

Tgt Ion:	252	Resp:	216858
Ion Ratio		Lower	Upper
252	100		
254	65.6	51.4	77.2
126	10.9	9.7	14.5





#83
 Chrysene
 Concen: 38.441 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

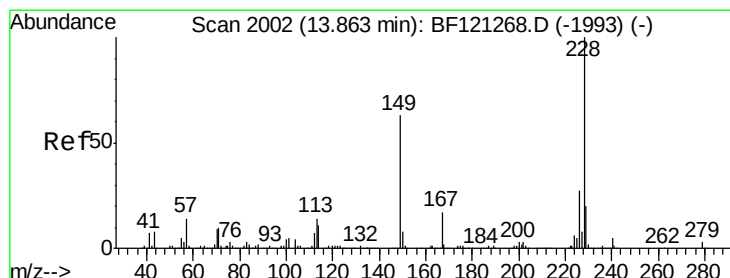
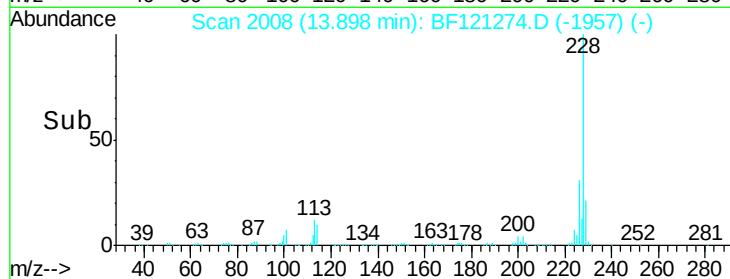
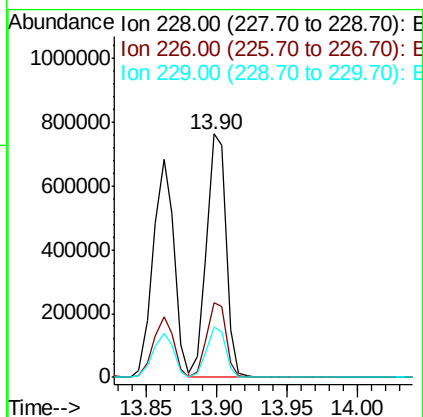
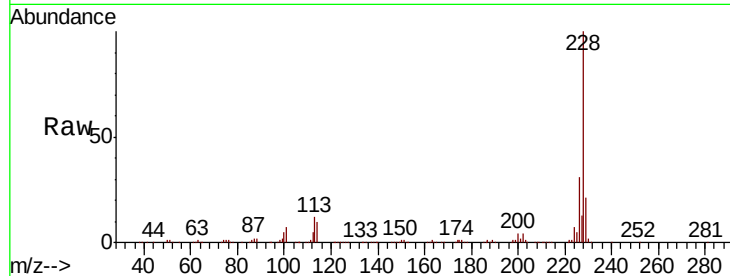
Instrument :
 BNA_F
 ClientSampled :
 PB130942BS

Tot Ion:	228	Resp:	735610
Ion Ratio		Lower	Upper
228	100		
226	30.9	24.8	37.2
229	20.6	16.2	24.2

Manual Integrations
 APPROVED

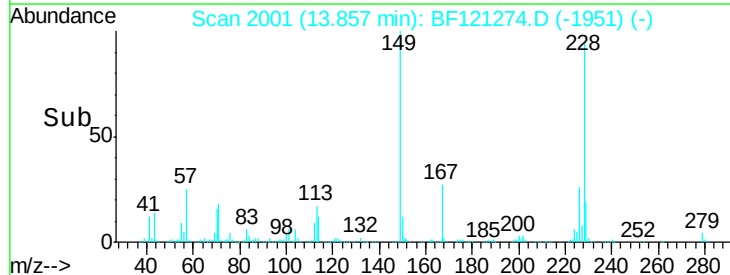
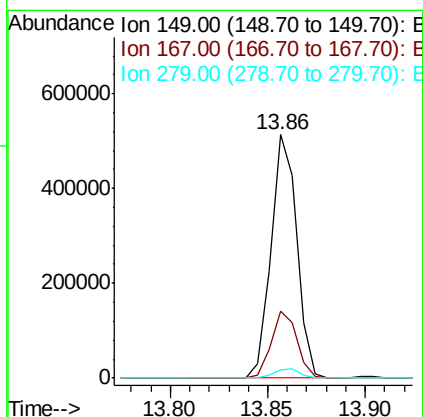
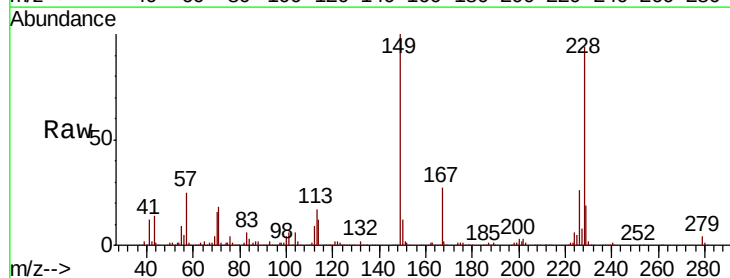
Sohil
 8/14/2020 2:53:34 PM

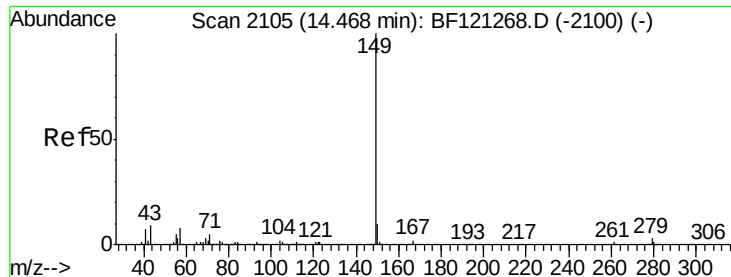
8/14/2020 2:53:34 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.435 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion:	149	Resp:	468472
Ion Ratio		Lower	Upper
149	100		
167	27.3	21.8	32.8
279	3.6	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 42.198 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

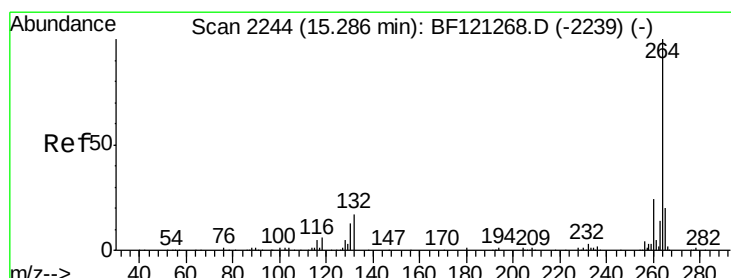
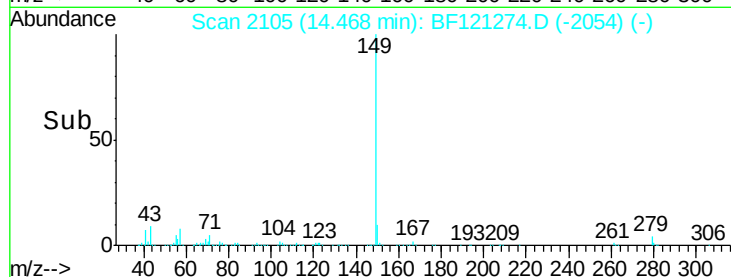
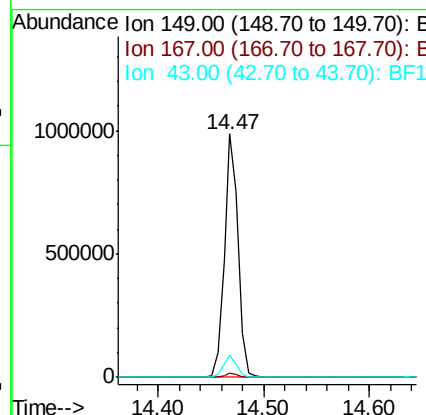
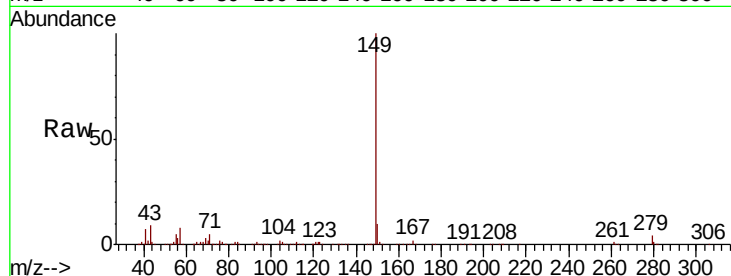
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	896385		
167	1.5	1.2	1.8	
43	9.1	7.4	11.0	

Manual Integrations
APPROVED

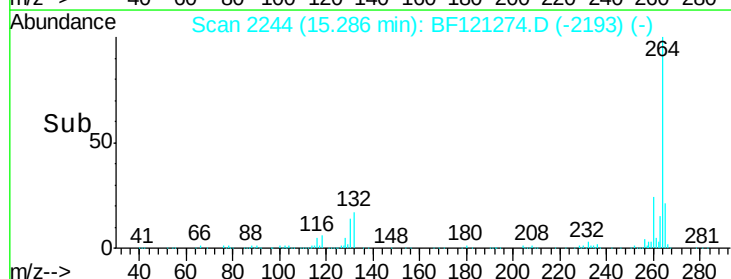
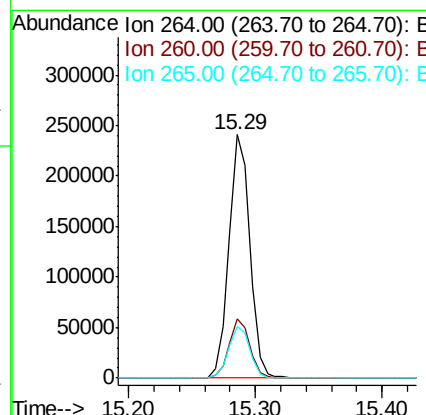
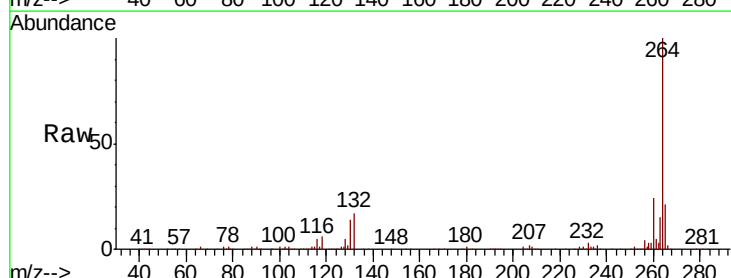
Sohil
8/14/2020 2:53:34 PM

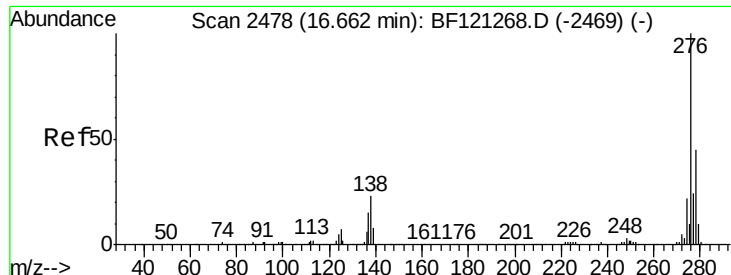
8/14/2020 2:53:34 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	274706		
260	24.5	19.5	29.3	
265	21.2	17.1	25.7	





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.574 ng
 RT: 16.67 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

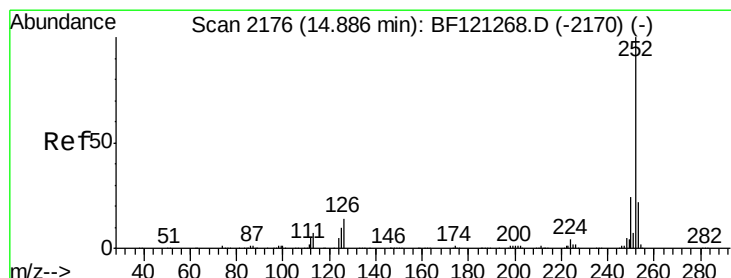
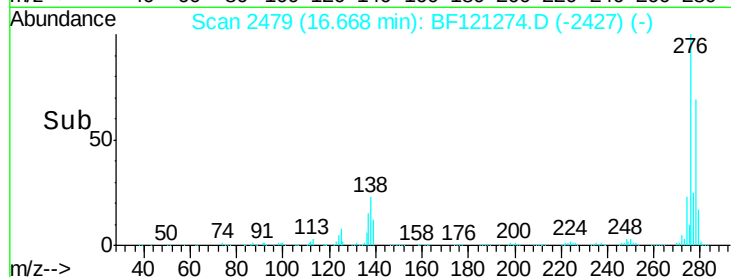
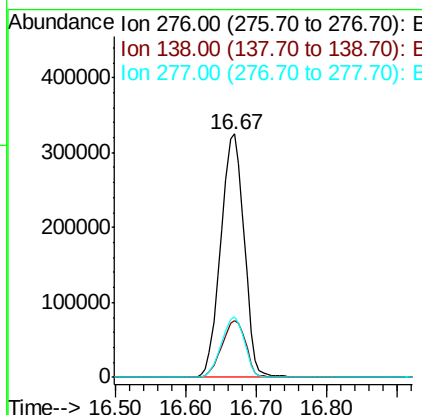
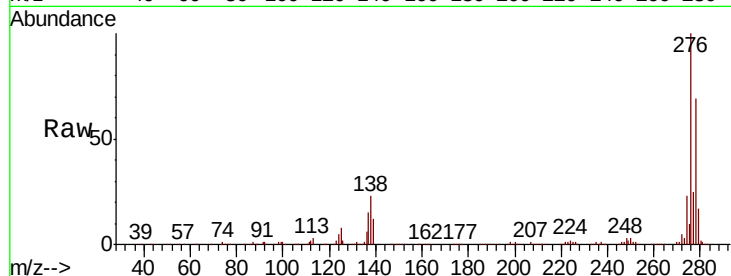
Instrument :
 BNA_F
 ClientSampleId :
 PB130942BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	746986		
138	23.9	19.6	29.4	
277	24.8	20.0	30.0	

Manual Integrations
 APPROVED

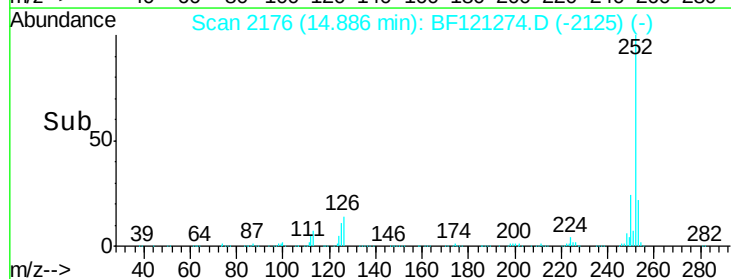
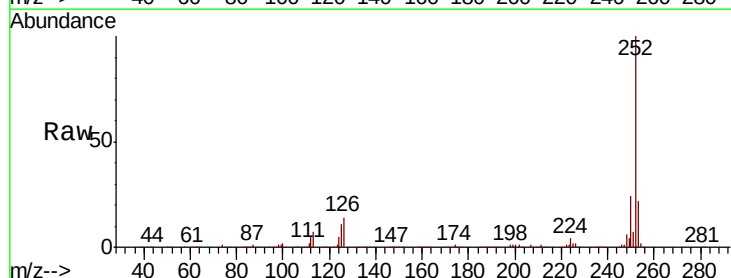
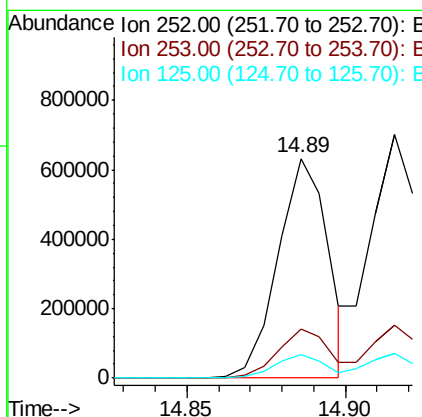
Sohil
 8/14/2020 2:53:34 PM

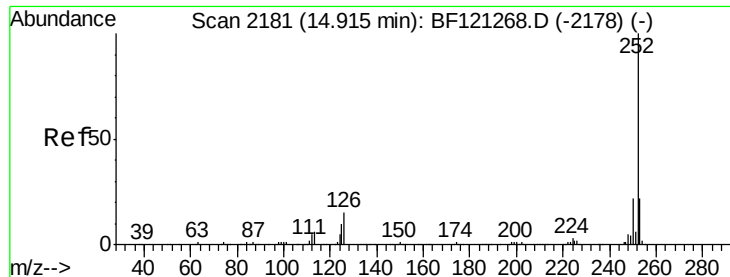
8/14/2020 2:53:34 PM



#88
 Benzo(b)fluoranthene
 Concen: 37.803 ng
 RT: 14.89 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BF121274.D
 Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	695822		
253	22.3	17.9	26.9	
125	10.7	7.6	11.4	





#89
Benzo(k)fluoranthene
Concen: 42.490 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

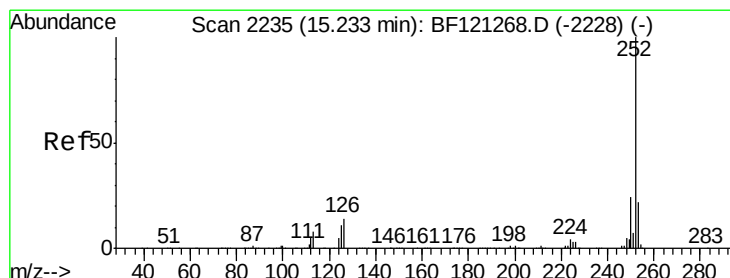
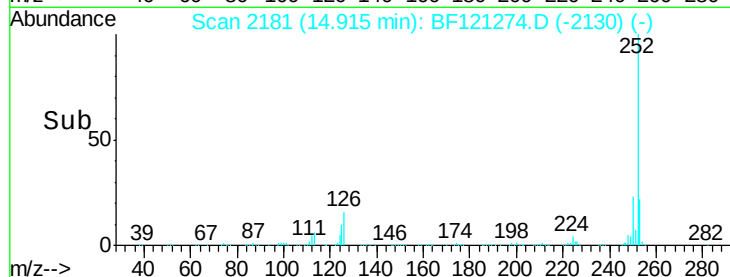
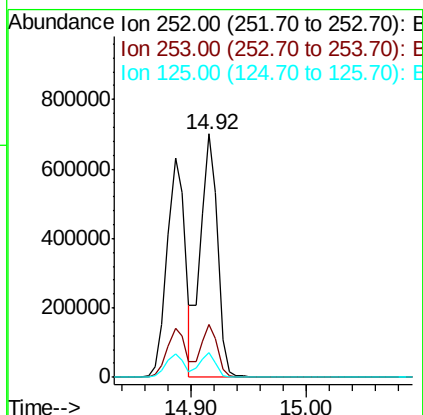
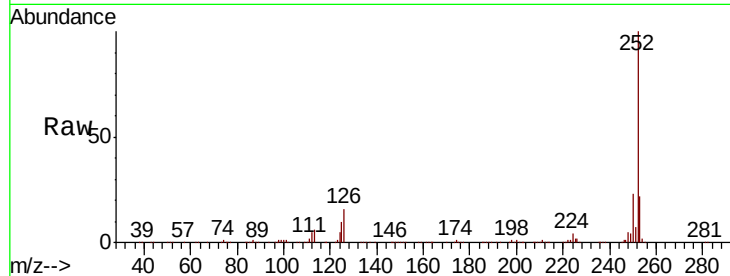
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.3	8.8	13.2

Manual Integrations
APPROVED

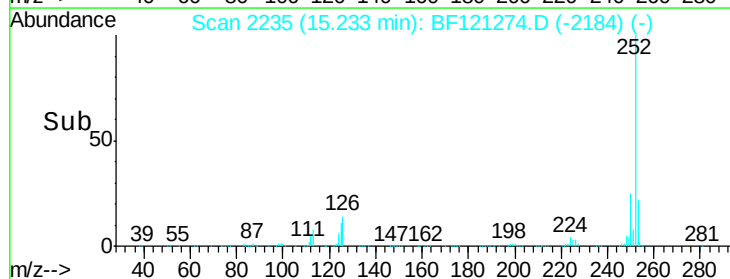
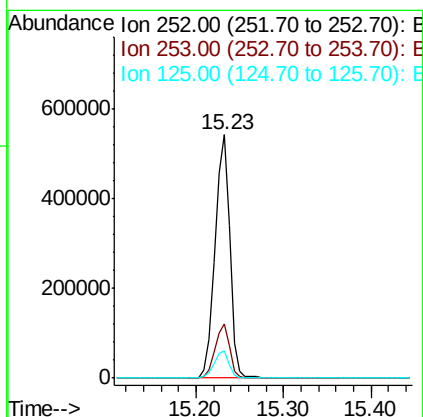
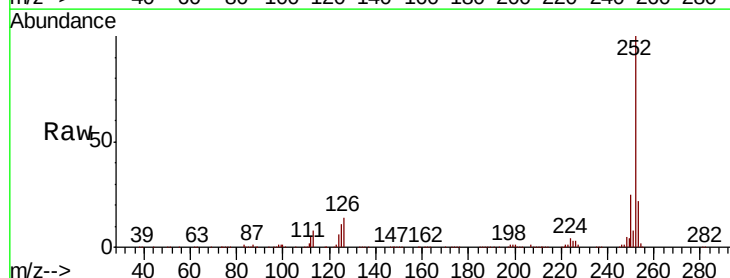
Sohil
8/14/2020 2:53:34 PM

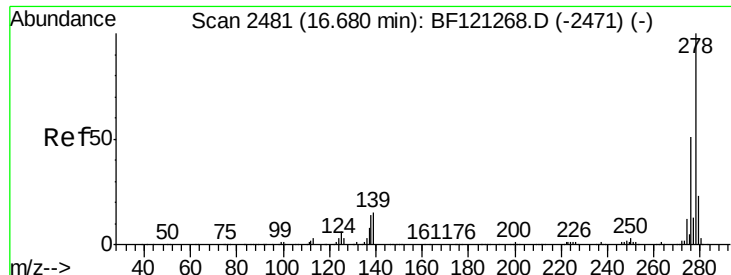
8/14/2020 2:53:34 PM



#90
Benzo(a)pyrene
Concen: 38.707 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.0	9.3	13.9





#91
Dibenzo(a,h)anthracene
Concen: 35.820 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

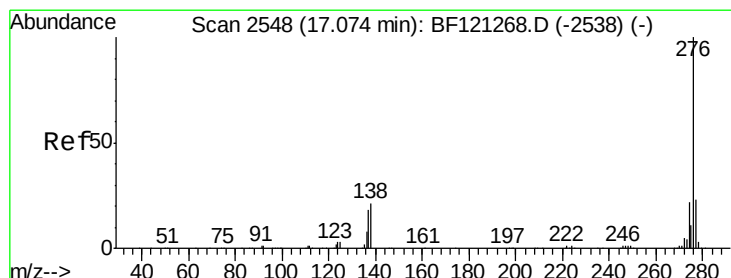
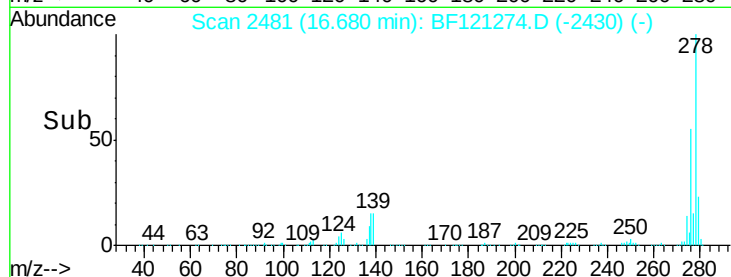
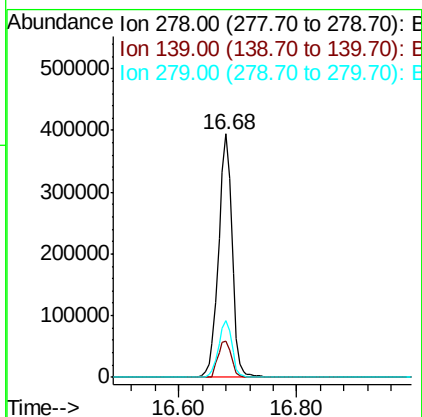
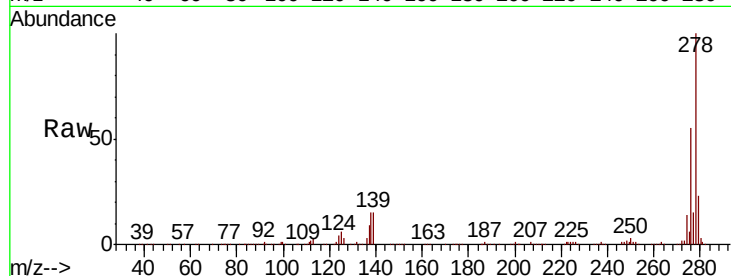
Instrument :
BNA_F
ClientSampleId :
PB130942BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	19.0
279	23.5	18.8	28.2

Manual Integrations
APPROVED

Sohil
8/14/2020 2:53:34 PM

8/14/2020 2:53:34 PM



#92
Benzo(g,h,i)perylene
Concen: 35.636 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.01 min
Lab File: BF121274.D
Acq: 13 Aug 2020 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	20.9	16.2	24.2

