

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121361.D
 Acq On : 21 Aug 2020 11:06
 Operator : JU/CG
 Sample : PB131046BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:49:59 PM

Quant Time: Aug 21 13:22:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155893	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	604040	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	306922	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	584454	20.00	ng	0.00
76) Chrysene-d12	13.86	240	448707	20.00	ng	0.01
86) Perylene-d12	15.27	264	451947	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	883933	92.97	ng	0.02
7) Phenol-d6	6.35	99	1066196	87.85	ng	0.00
23) Nitrobenzene-d5	7.27	82	745229	69.78	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	330853	92.50	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1313620	81.65	ng	0.00
79) Terphenyl-d14	12.80	244	1302891	56.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	233824	54.350	ng	99
3) Pyridine	3.14	79	337906	29.264	ng	98
4) n-Nitrosodimethylamine	3.09	42	186034	39.584	ng	100
6) Aniline	6.36	93	463319	33.061	ng	# 67
8) 2-Chlorophenol	6.49	128	416999	41.966	ng	99
9) Benzaldehyde	6.25	77	268188	39.279	ng	96
10) Phenol	6.36	94	464300	36.485	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	388415	39.630	ng	96
12) 1,3-Dichlorobenzene	6.64	146	414772	37.257	ng	99
13) 1,4-Dichlorobenzene	6.72	146	413616	36.803	ng	99
14) 1,2-Dichlorobenzene	6.87	146	399331	37.311	ng	97
15) Benzyl Alcohol	6.85	79	328640	45.004	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	523808	36.297	ng	73
17) 2-Methylphenol	6.97	107	328366	40.050	ng	96
18) Hexachloroethane	7.20	117	153753	36.742	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	252607	38.700	ng	99
20) 3+4-Methylphenols	7.12	107	379989	47.189	ng	91
22) Acetophenone	7.11	105	524316	37.128	ng	97
24) Nitrobenzene	7.29	77	413121	37.952	ng	98
25) Isophorone	7.53	82	765815	39.401	ng	99
26) 2-Nitrophenol	7.60	139	226153	40.509	ng	95
27) 2,4-Dimethylphenol	7.65	122	359368	45.112	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	487830	36.870	ng	98
29) 2,4-Dichlorophenol	7.85	162	334580	38.469	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	365117	36.711	ng	99
31) Naphthalene	8.00	128	1133107	37.692	ng	99
32) Benzoic acid	7.80	122	171765	30.584	ng	99
33) 4-Chloroaniline	8.06	127	423933	31.846	ng	98
34) Hexachlorobutadiene	8.12	225	207235	35.209	ng	99
35) Caprolactam	8.44	113	122586m	43.036	ng	
36) 4-Chloro-3-methylphenol	8.55	107	348958	39.670	ng	99
37) 2-Methylnaphthalene	8.69	142	758479	38.926	ng	99
38) 1-Methylnaphthalene	8.79	142	713420	38.507	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	355220	38.995	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	302451	83.538	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	241795	38.826	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	256322	40.006	ng	98
46) 1,1'-Biphenyl	9.16	154	916626	39.846	ng	100
47) 2-Chloronaphthalene	9.18	162	703998	37.146	ng	99
48) 2-Nitroaniline	9.29	65	229196	38.409	ng	89
49) Acenaphthylene	9.60	152	1118339	39.728	ng	99
50) Dimethylphthalate	9.46	163	852069	38.159	ng	100
51) 2,6-Dinitrotoluene	9.53	165	191533	40.164	ng	94
52) Acenaphthene	9.77	154	650426	38.027	ng	98
53) 3-Nitroaniline	9.69	138	168292	28.211	ng	93
54) 2,4-Dinitrophenol	9.82	184	188780	82.113	ng	93
55) Dibenzofuran	9.94	168	952257	43.431	ng	99
56) 4-Nitrophenol	9.88	139	270039	73.398	ng	93
57) 2,4-Dinitrotoluene	9.93	165	227436	39.094	ng	88
58) Fluorene	10.29	166	724632	45.146	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	212134	38.731	ng	99
60) Diethylphthalate	10.16	149	822945	37.742	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	360597	44.536	ng	99
62) 4-Nitroaniline	10.32	138	220636	36.096	ng	97
63) Azobenzene	10.43	77	784104	38.717	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	137452	43.976	ng	85
66) n-Nitrosodiphenylamine	10.40	169	706445	39.186	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	246223	37.979	ng	99
68) Hexachlorobenzene	10.83	284	277171	37.090	ng	96
69) Atrazine	10.93	200	205278	36.758	ng	99
70) Pentachlorophenol	11.03	266	274406	82.529	ng	99
71) Phenanthrene	11.25	178	1112553	36.780	ng	99
72) Anthracene	11.30	178	1156308	39.697	ng	99
73) Carbazole	11.45	167	1100128	39.574	ng	100
74) Di-n-butylphthalate	11.78	149	1278734	38.146	ng	100
75) Fluoranthene	12.43	202	1242818	37.854	ng	98
77) Benzidine	12.56	184	798611	64.601	ng	100
78) Pyrene	12.66	202	1270471	37.693	ng	100
80) Butylbenzylphthalate	13.27	149	561677	38.782	ng	98
81) Benzo(a)anthracene	13.85	228	1013783	36.376	ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	355389	33.212	ng	100
83) Chrysene	13.89	228	1068264	37.478	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	669778	39.325	ng	100
85) Di-n-octyl phthalate	14.45	149	1314810	41.714	ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	1096410	39.742	ng	100
88) Benzo(b)fluoranthene	14.87	252	1068037	36.580	ng	100
89) Benzo(k)fluoranthene	14.90	252	1034180	40.238	ng	100
90) Benzo(a)pyrene	15.21	252	966584	38.314	ng	100
91) Dibenzo(a,h)anthracene	16.65	278	906393	40.071	ng	99
92) Benzo(g,h,i)perylene	17.05	276	919781	41.594	ng	100

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

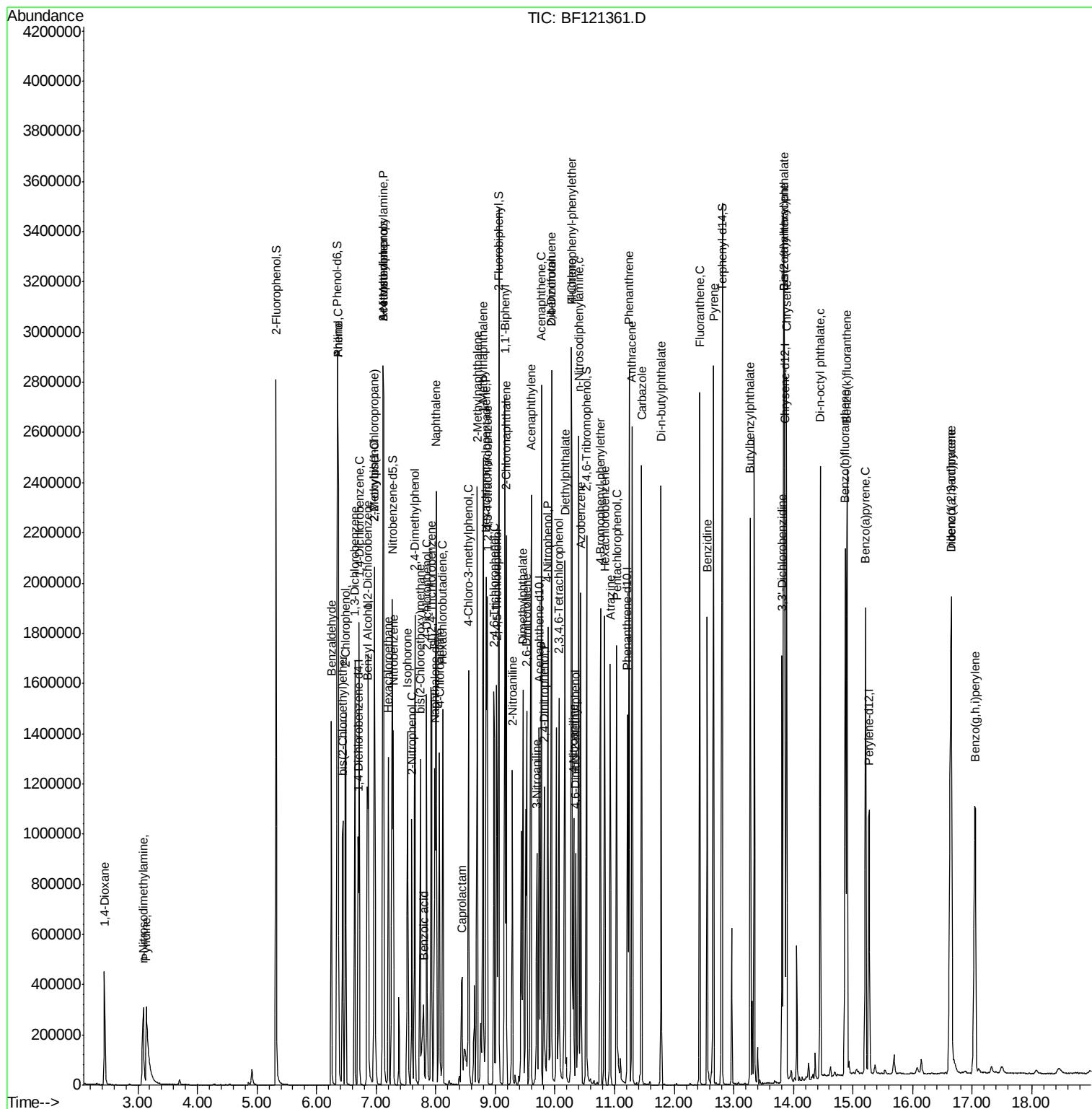
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

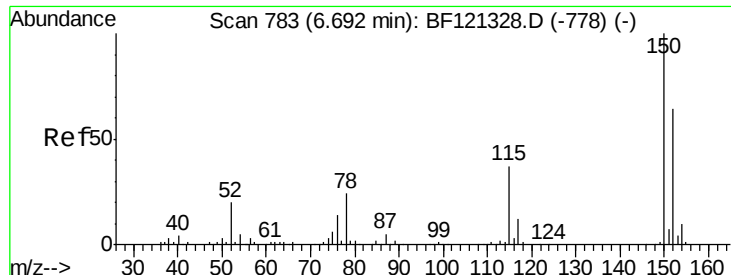
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PB131046BSD

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#1

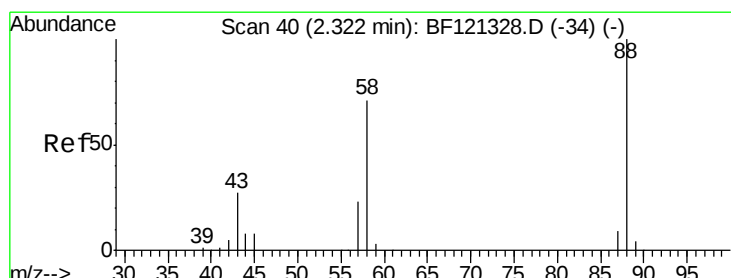
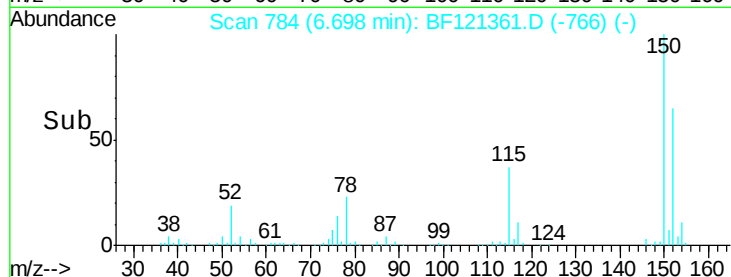
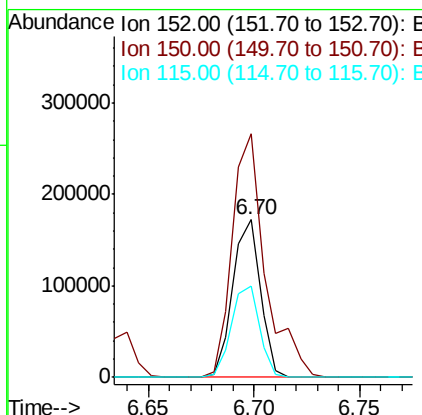
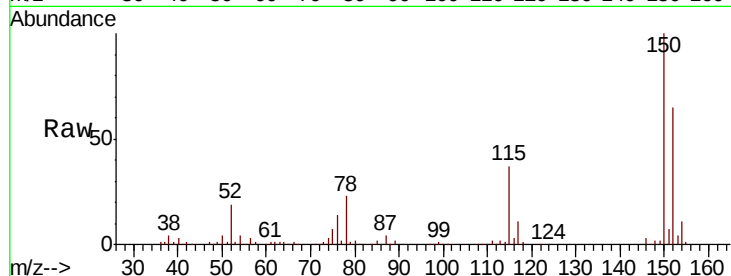
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.8	187.2
115	58.1	46.1	69.1

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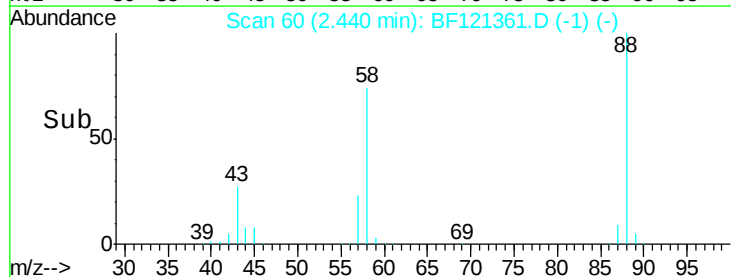
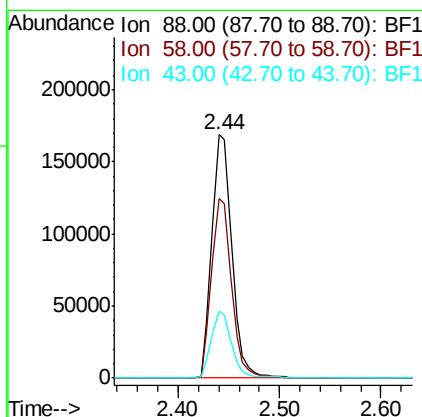
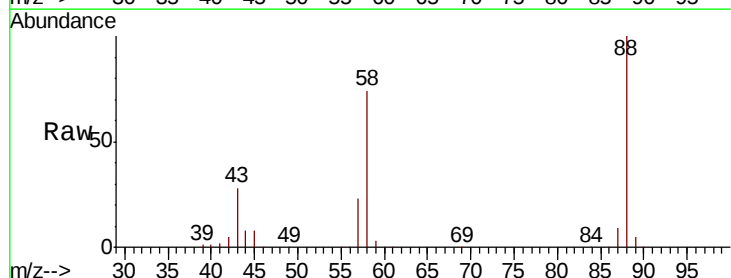
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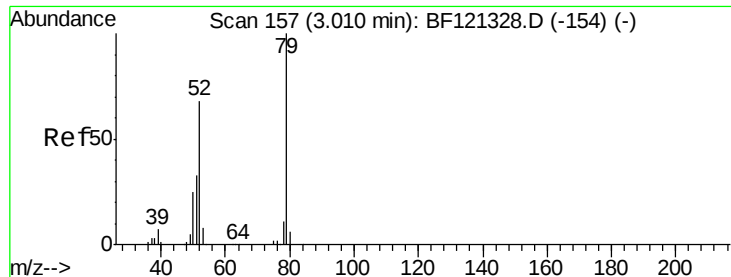


#2

1,4-Dioxane
Concen: 54.350 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.12 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	58.5	87.7
43	27.2	21.8	32.8





#3

Pvridine

Concen: 29.264 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.13 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

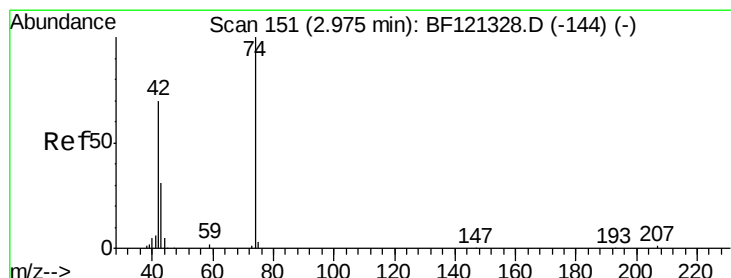
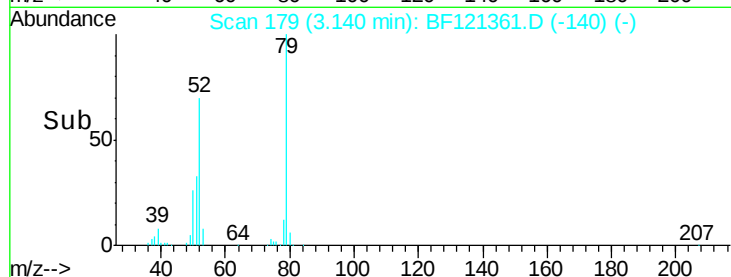
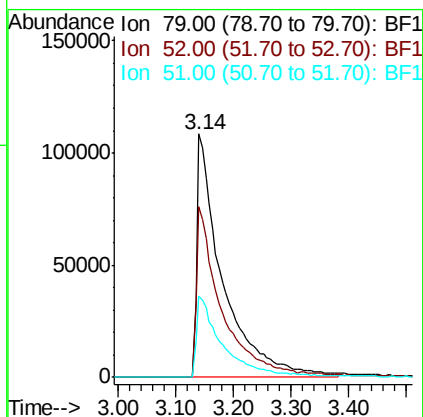
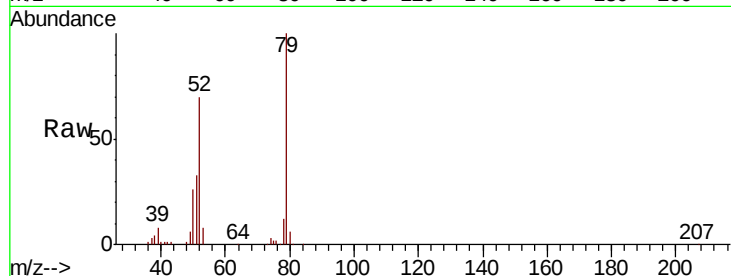
ClientSampleId :

PB131046BSD

Tot Ion:	79	Resp:	337906
Ion Ratio	Lower	Upper	
79	100		
52	69.8	54.6	82.0
51	33.3	27.0	40.6

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#4

n-Nitrosodimethylamine

Concen: 39.584 ng

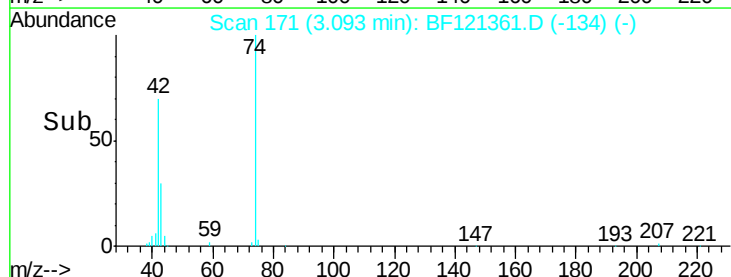
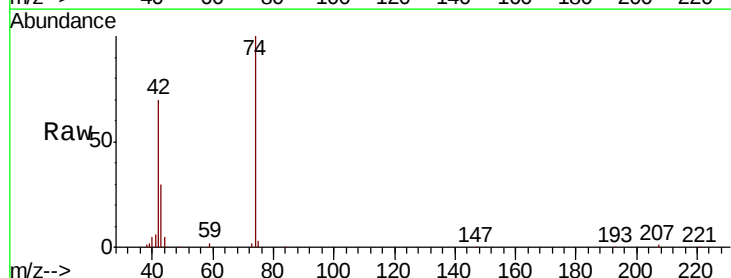
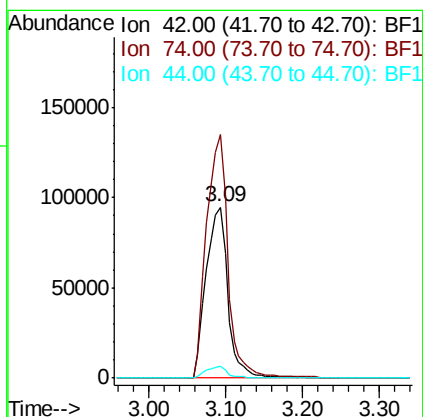
RT: 3.09 min Scan# 171

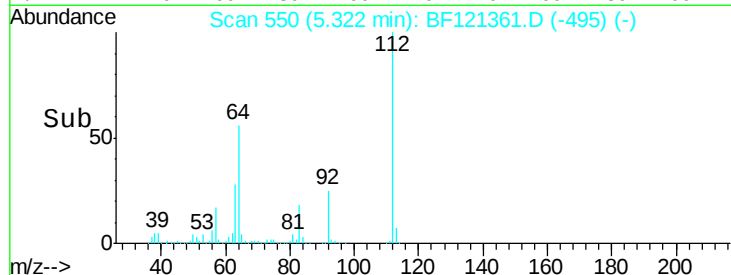
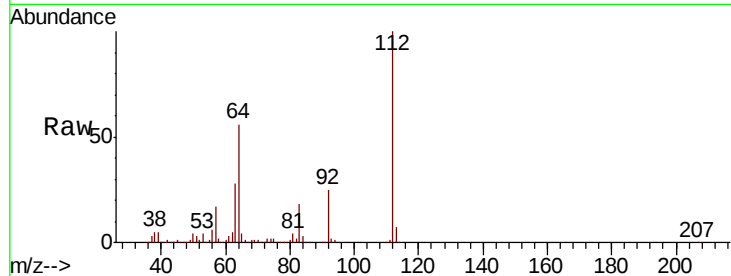
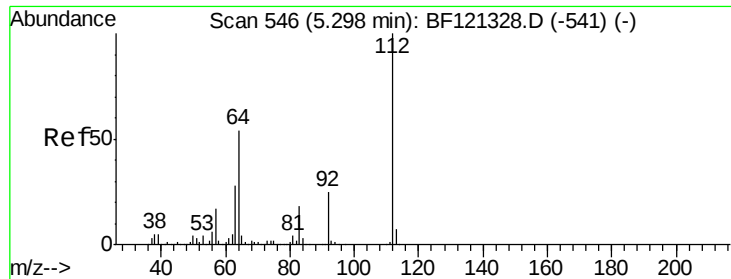
Delta R.T. 0.12 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:	42	Resp:	186034
Ion Ratio	Lower	Upper	
42	100		
74	142.5	114.2	171.2
44	7.0	5.4	8.2





#5

2-Fluorophenol

Concen: 92.975 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tot Ion:	112	Resp:	883933
Ion Ratio	Lower	Upper	
112	100		
64	55.7	43.5	65.3
63	28.5	22.0	33.0

Instrument :

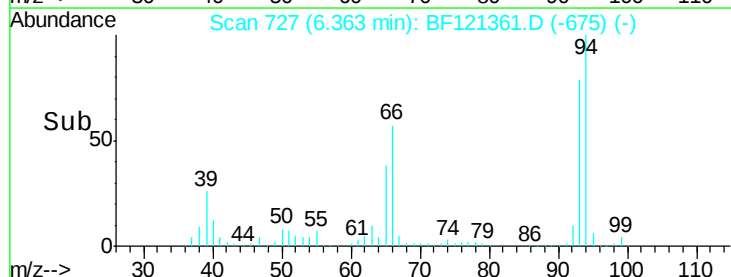
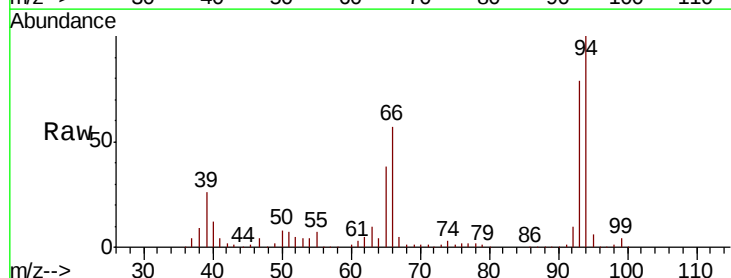
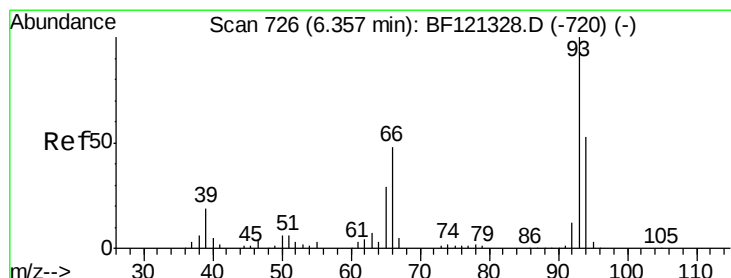
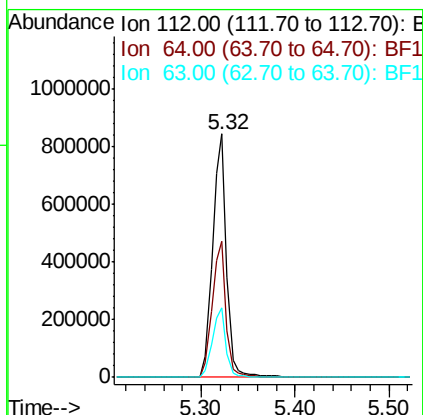
BNA_F

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#6

Aniline

Concen: 33.061 ng

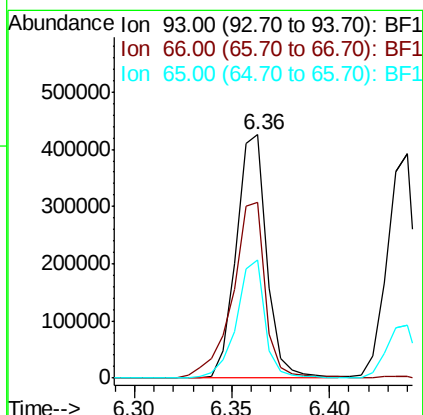
RT: 6.36 min Scan# 727

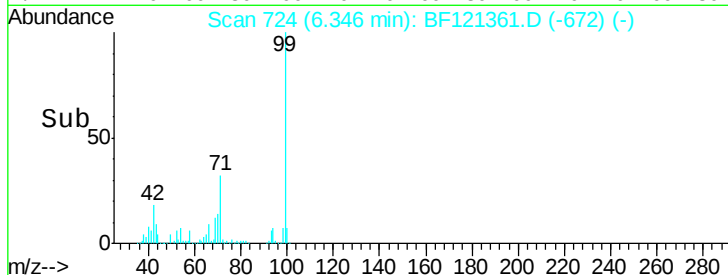
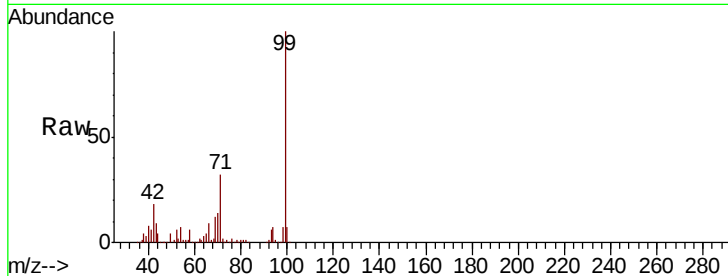
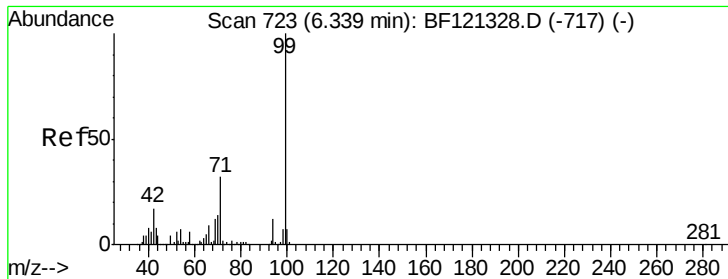
Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:	93	Resp:	463319
Ion Ratio	Lower	Upper	
93	100		
66	72.2	40.2	60.2#
65	48.8	23.6	35.4#





#7

Phenol-d6

Concen: 87.848 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tot Ion: 99 Resp: 1066196

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

71 31.8 25.2 37.8

Instrument :

BNA_F

ClientSampleId :

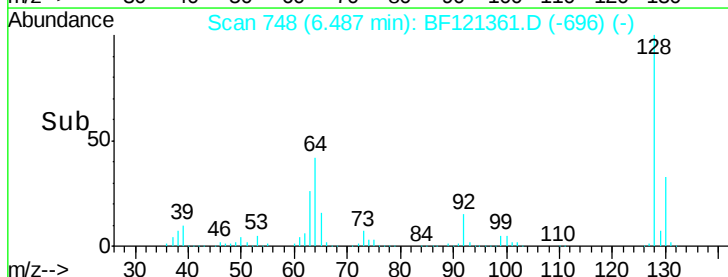
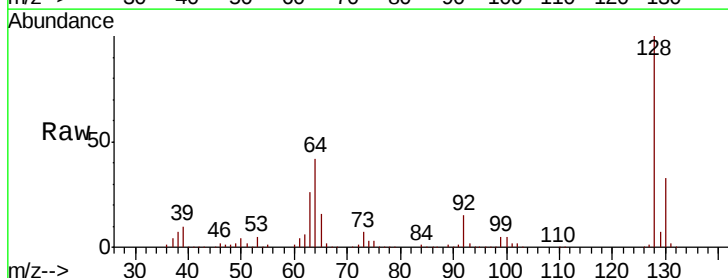
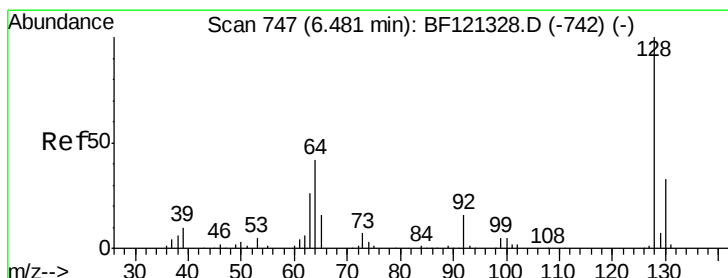
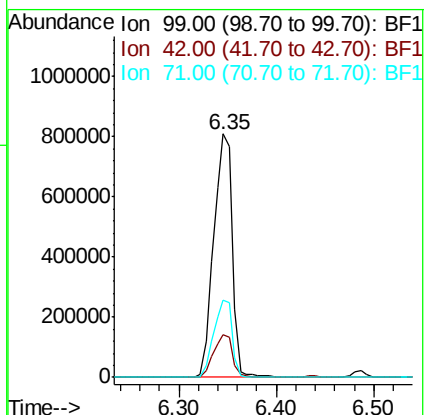
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#8

2-Chlorophenol

Concen: 41.966 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

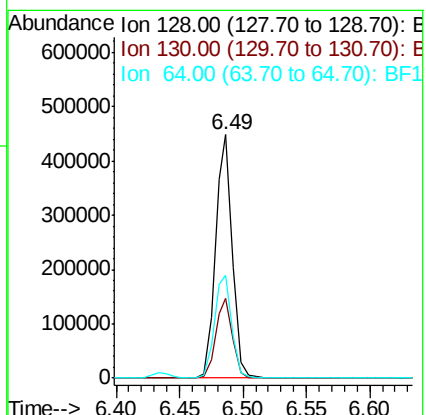
Tgt Ion: 128 Resp: 416999

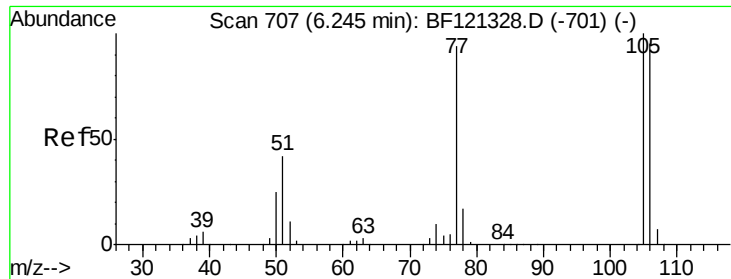
Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

64 42.1 23.4 63.4





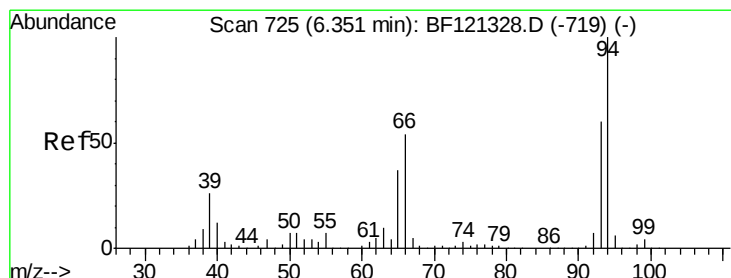
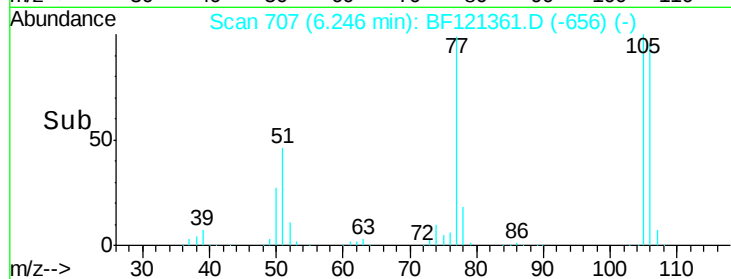
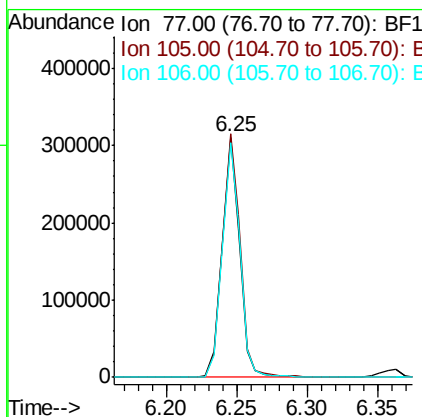
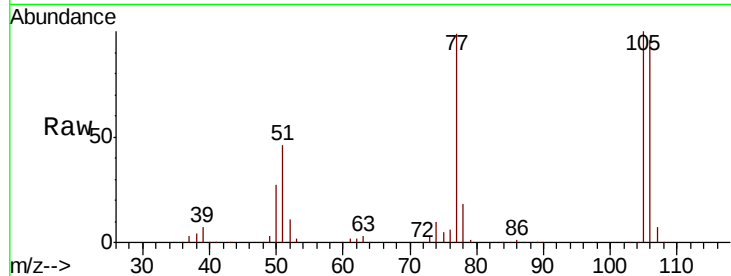
#9
Benzaldehyde
Concen: 39.279 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
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ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	86.3	126.3
106	97.6	81.2	121.2

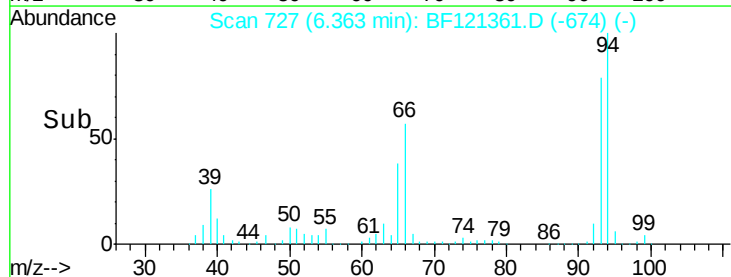
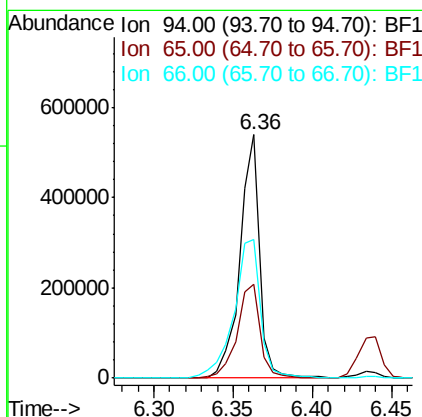
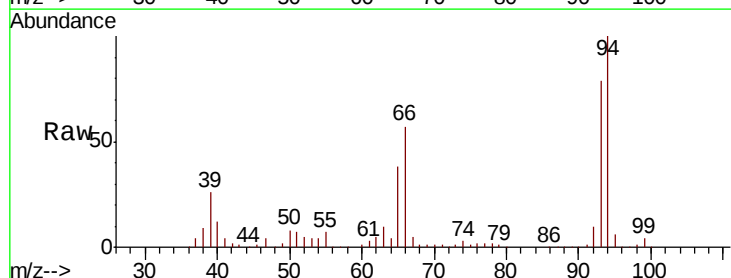
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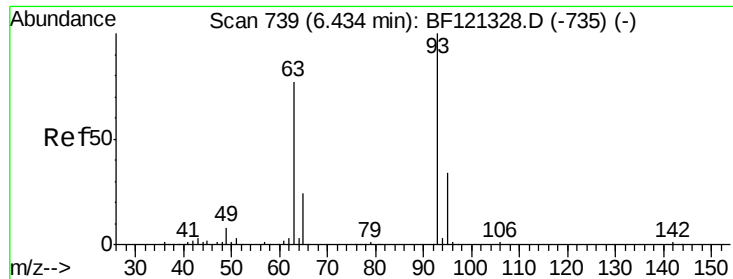
Sohil
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#10
Phenol
Concen: 36.485 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.5	16.6	56.6
66	56.9	34.3	74.3





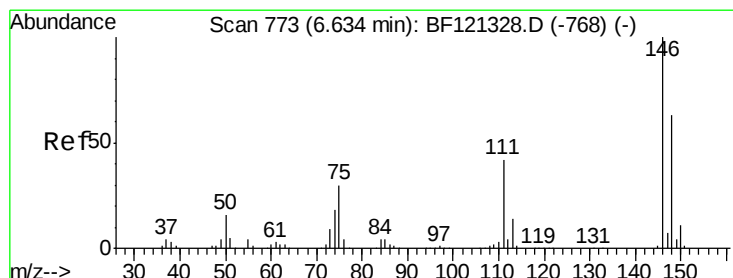
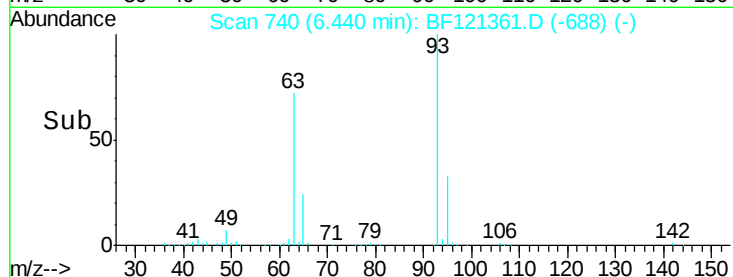
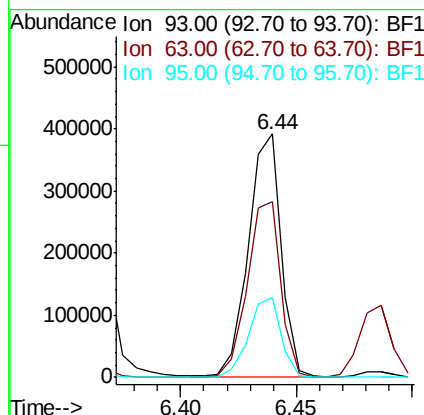
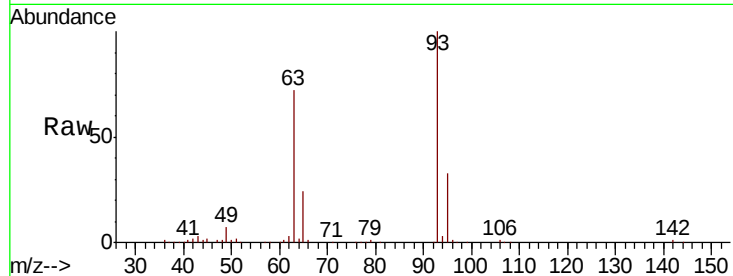
#11
bis(2-Chloroethyl)ether
Concen: 39.630 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion:	93	Resp:	388415
Ion Ratio	Lower	Upper	
93	100		
63	72.3	56.4	96.4
95	32.9	13.5	53.5

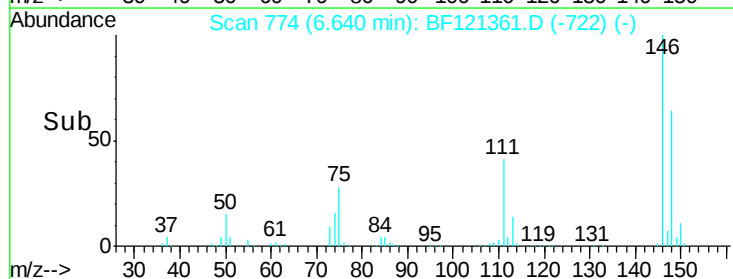
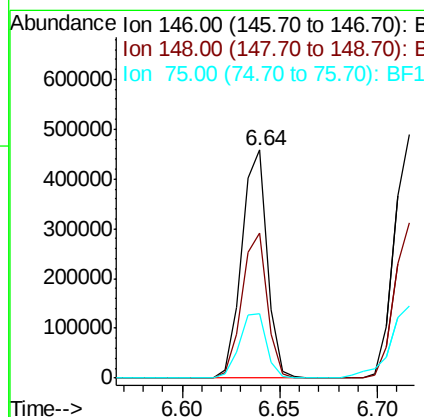
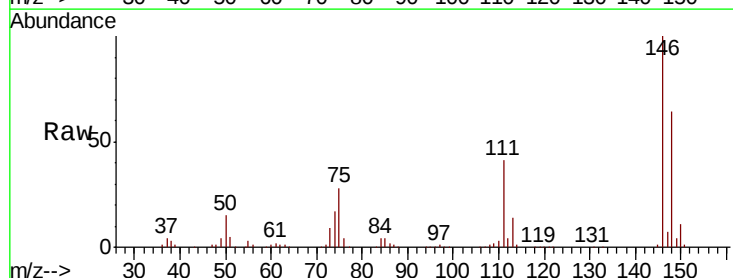
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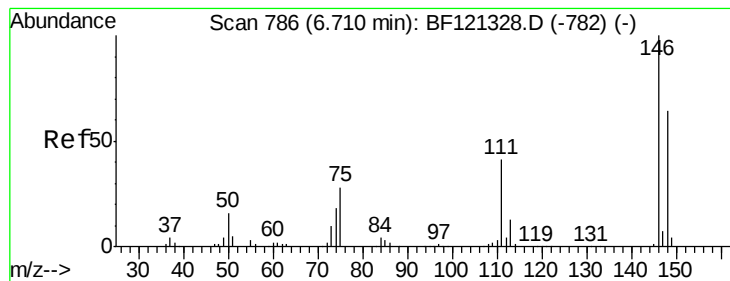
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.257 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion:	146	Resp:	414772
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.7	76.1
75	28.1	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 36.803 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

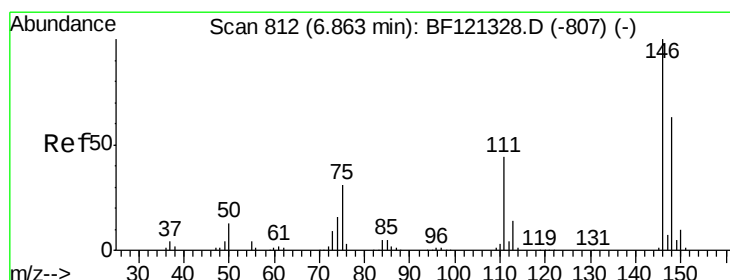
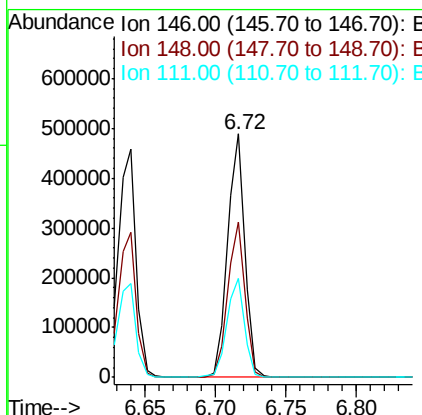
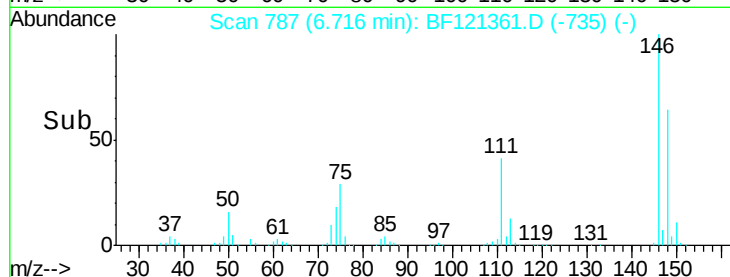
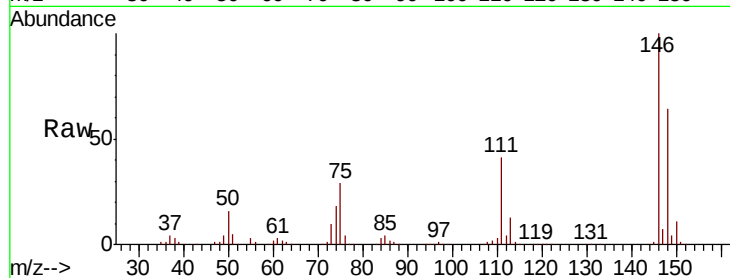
ClientSampleId :

PB131046BSD

Tot Ion:	146	Resp:	413616
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.2	76.8
111	40.8	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 37.311 ng

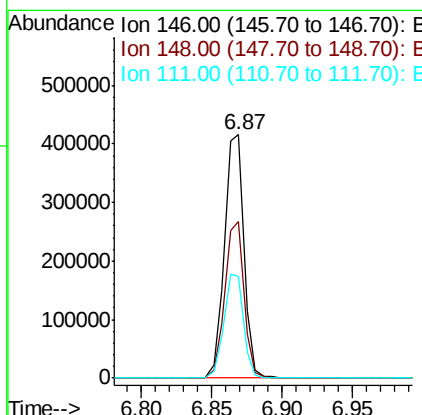
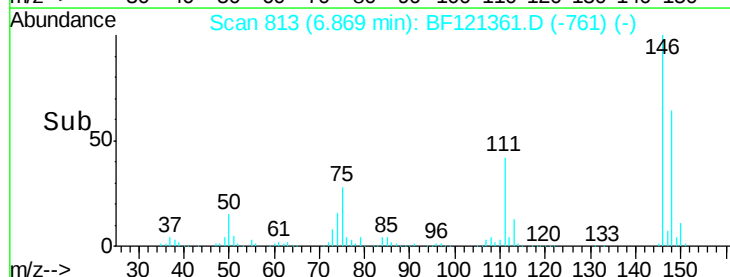
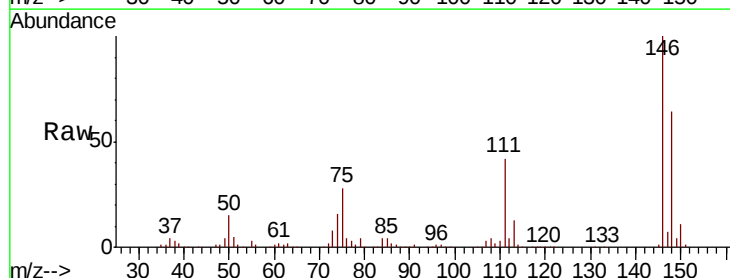
RT: 6.87 min Scan# 813

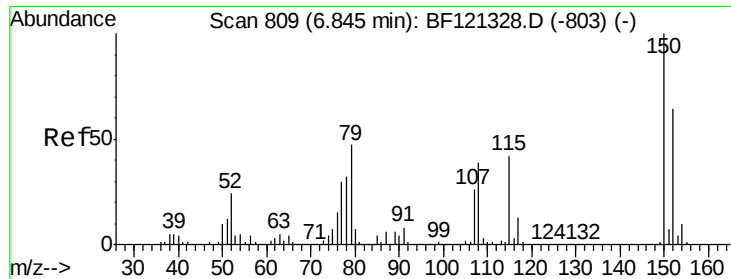
Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:	146	Resp:	399331
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.3	75.5
111	41.5	35.5	53.3





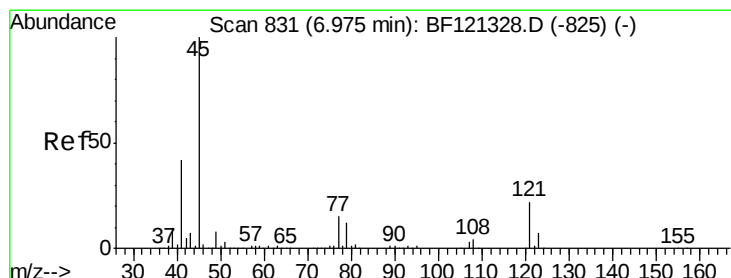
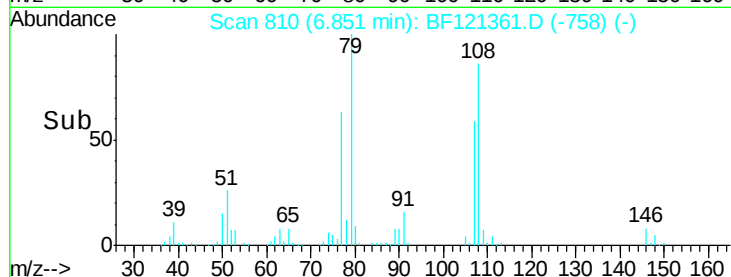
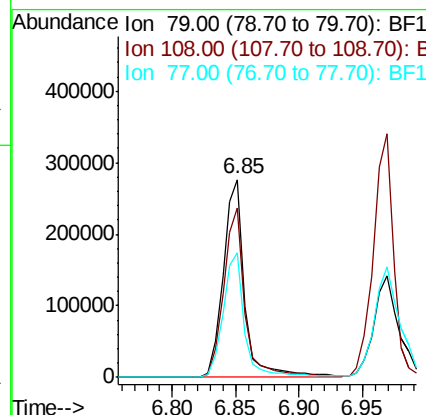
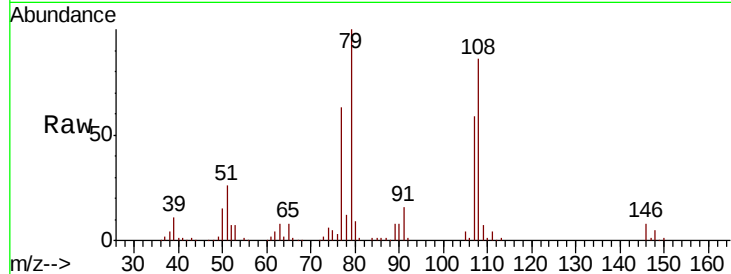
#15
Benzyl Alcohol
Concen: 45.004 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	86.0	65.2	97.8	
77	63.0	51.4	77.0	

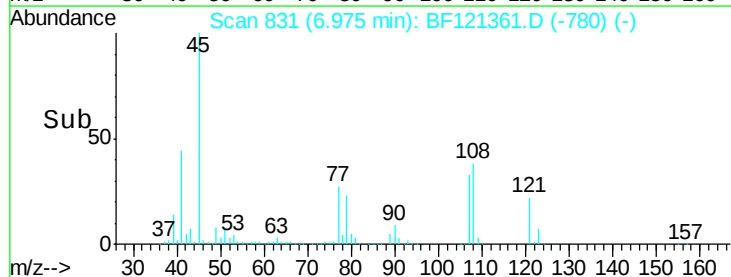
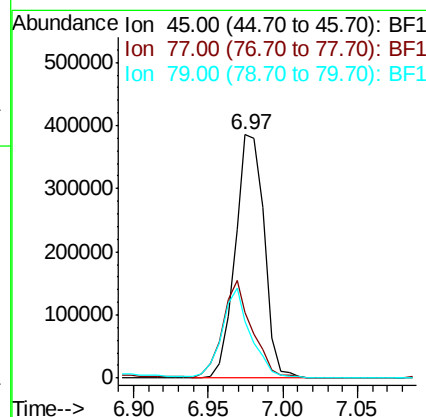
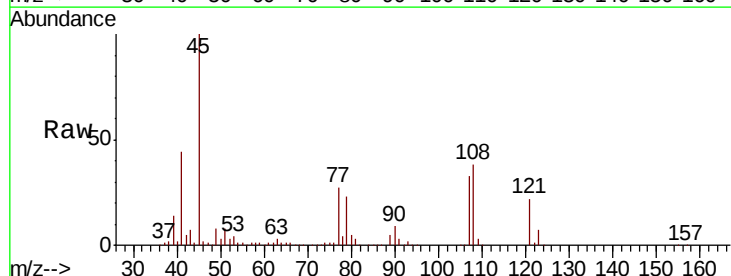
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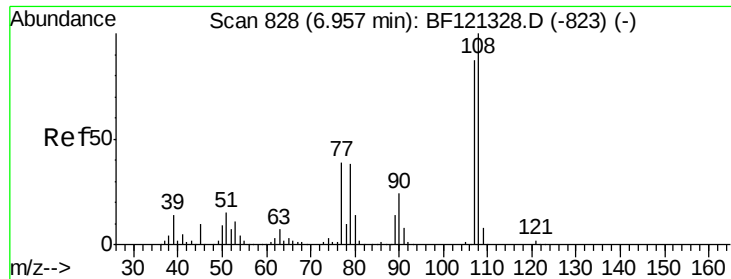
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.297 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	27.1	0.0	35.6	
79	23.2	0.0	32.5	





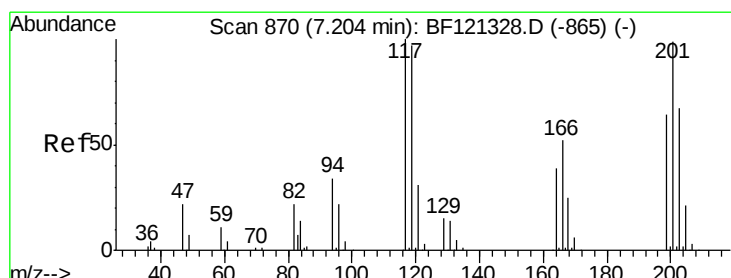
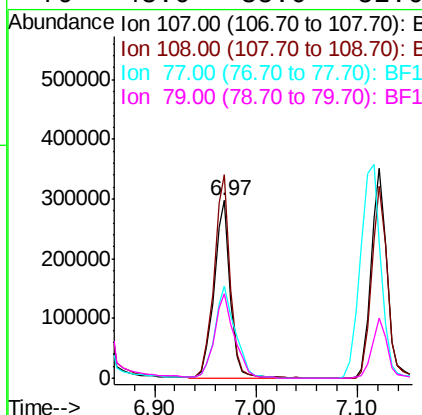
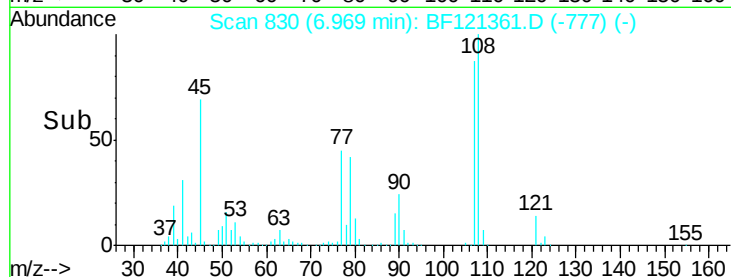
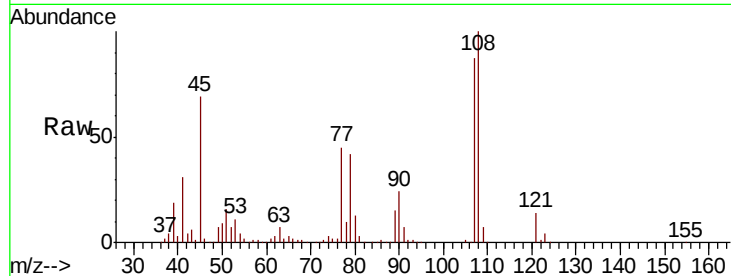
#17
2-Methylphenol
Concen: 40.050 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	114.5	92.4	138.6	
77	77	52.0	36.1	54.1	
79	79	48.0	35.0	52.6	

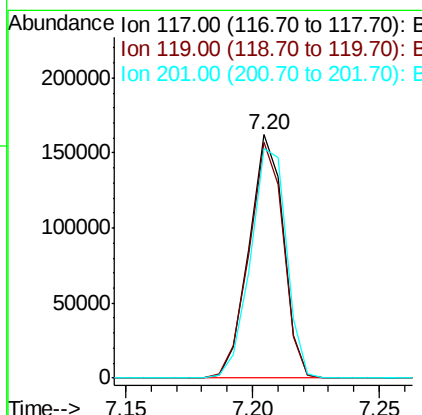
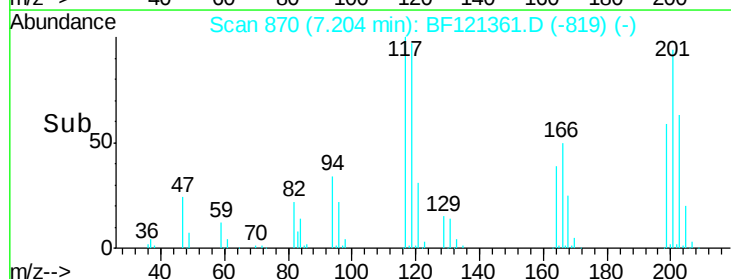
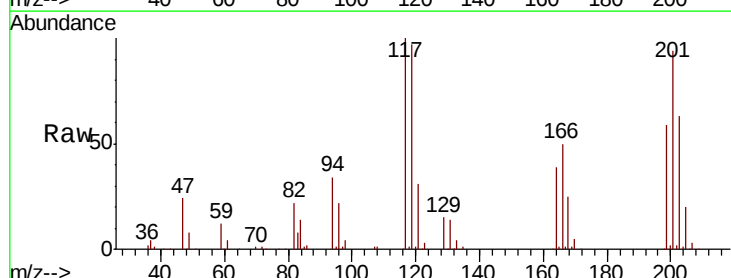
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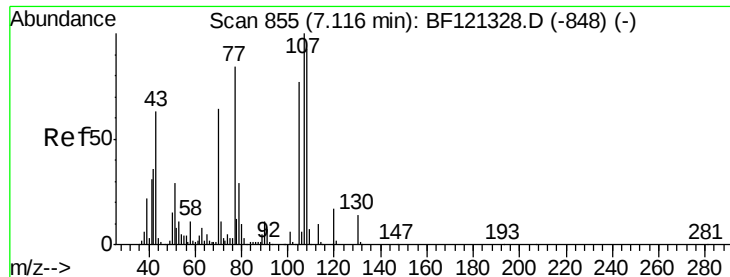
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#18
Hexachloroethane
Concen: 36.742 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	97.1	77.9	116.9	
201	201	94.4	79.4	119.0	





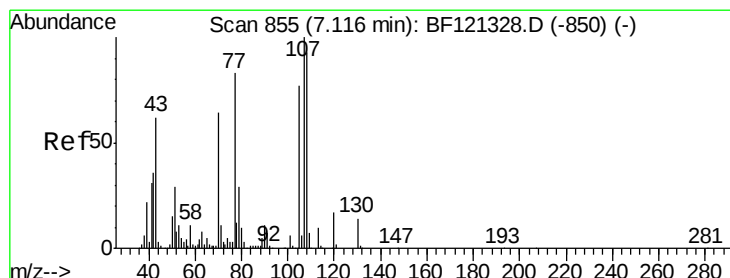
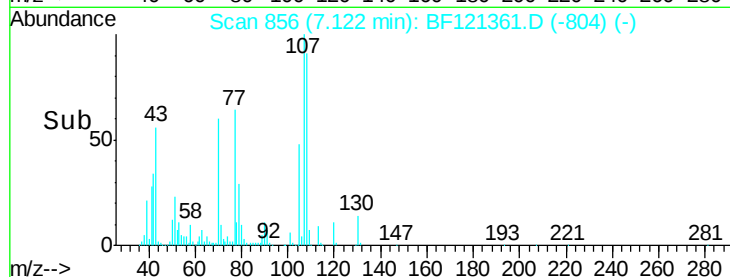
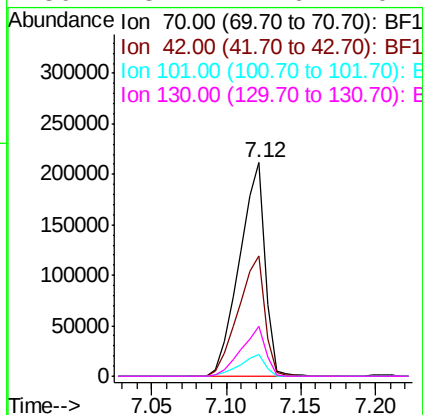
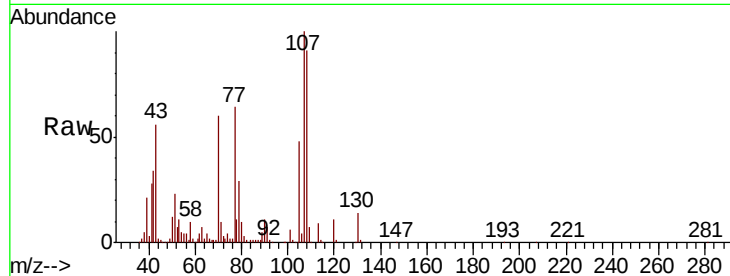
#19
n-Nitroso-di-n-propylamine
Concen: 38.700 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	45.2	67.8	
101	9.9	7.7	11.5	
130	23.1	17.6	26.4	

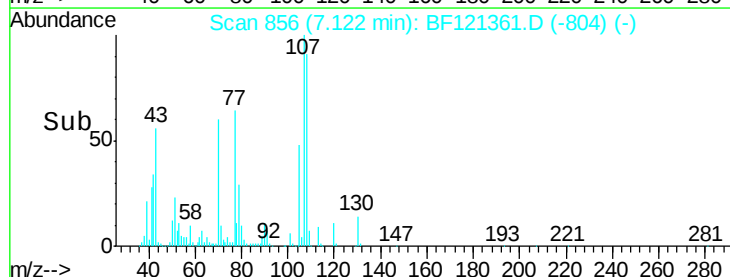
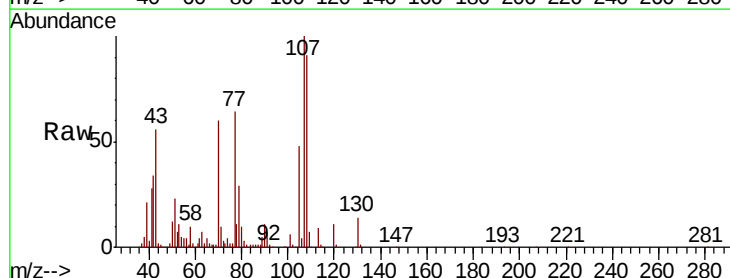
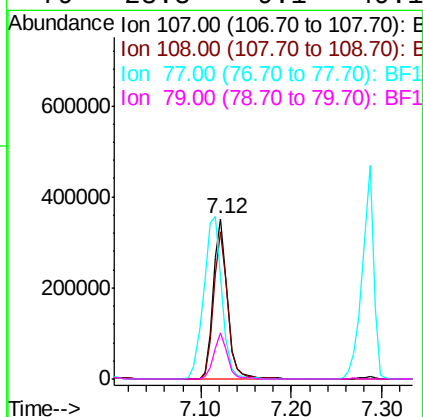
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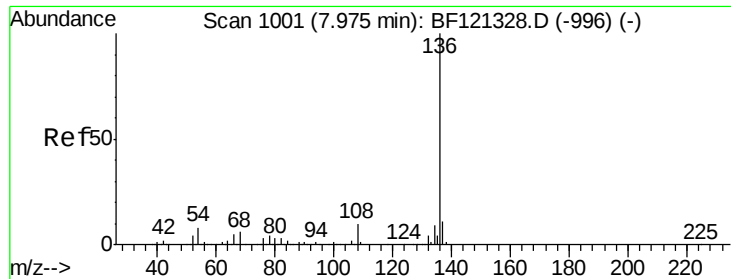
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#20
3+4-Methylphenols
Concen: 47.189 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	72.6	112.6	
77	64.2	63.8	103.8	
79	28.8	9.1	49.1	





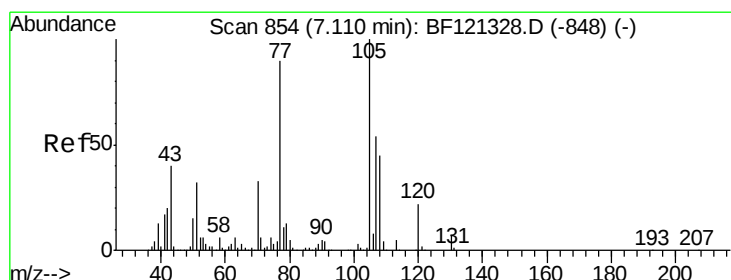
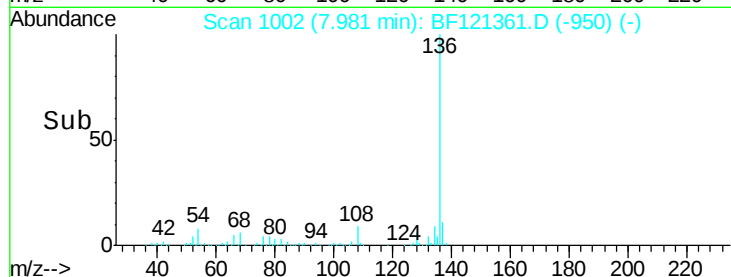
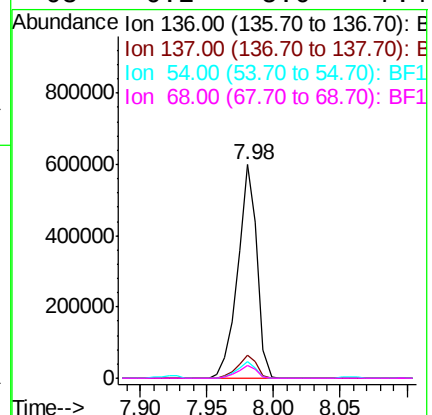
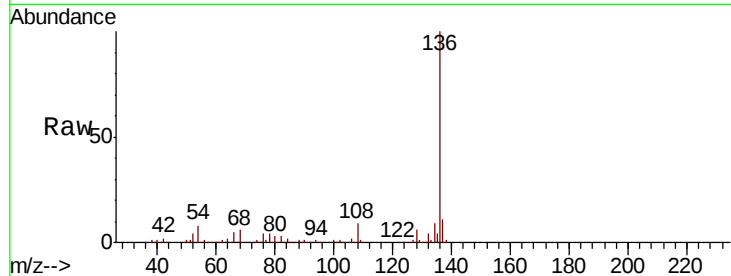
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	604040		
137	11.1	8.9	13.3	
54	7.8	6.1	9.1	
68	6.2	5.0	7.4	

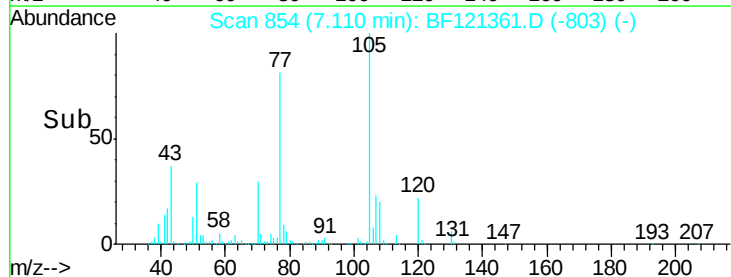
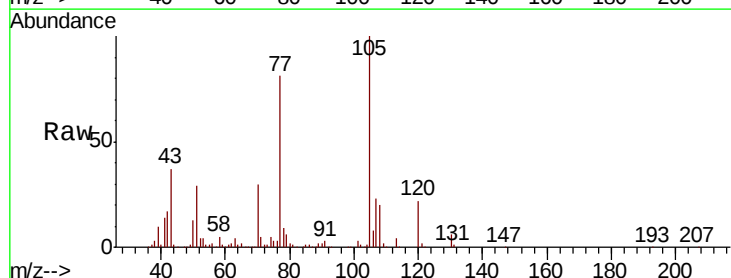
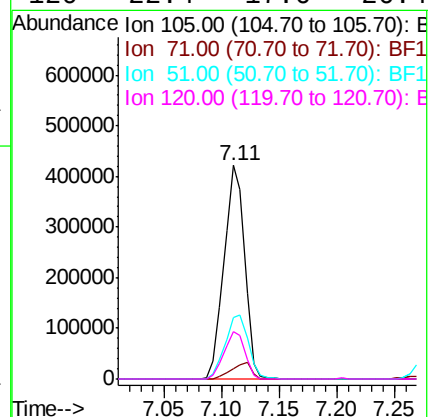
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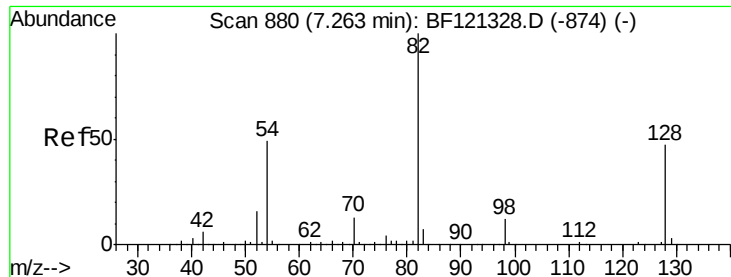
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#22
Acetophenone
Concen: 37.128 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	524316		
71	4.8	4.5	6.7	
51	29.1	25.4	38.0	
120	22.4	17.6	26.4	





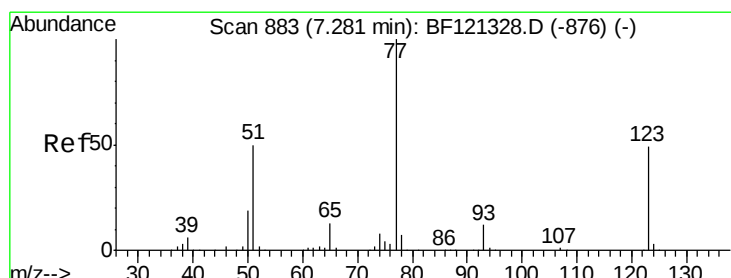
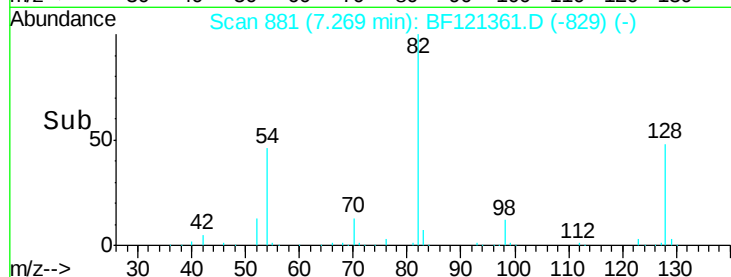
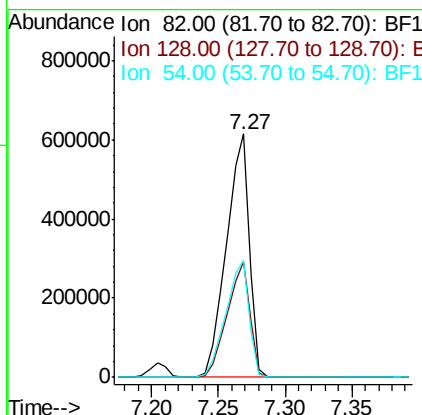
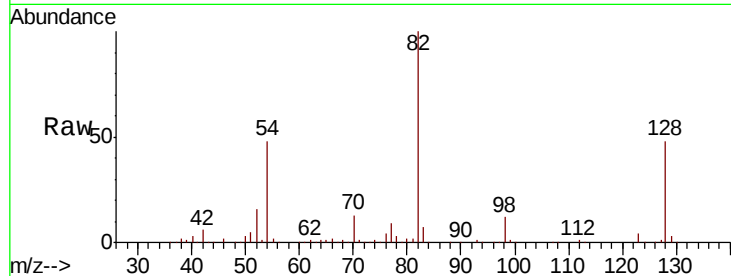
#23
 Nitrobenzene-d5
 Concen: 69.776 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion:	82	Resp:	745229
Ion Ratio	Lower	Upper	
82	100		
128	47.5	37.9	56.9
54	48.0	39.0	58.4

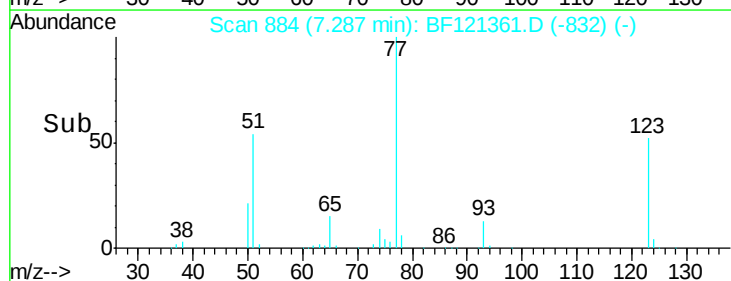
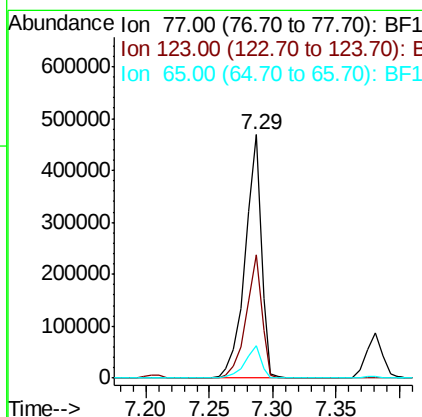
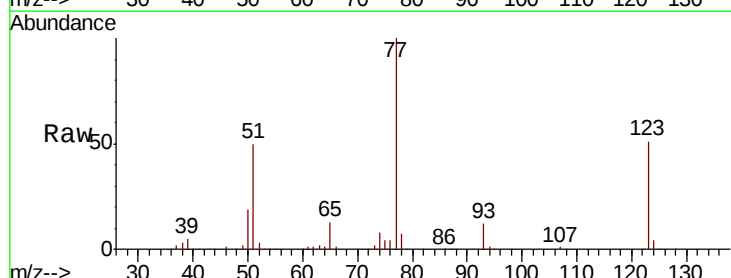
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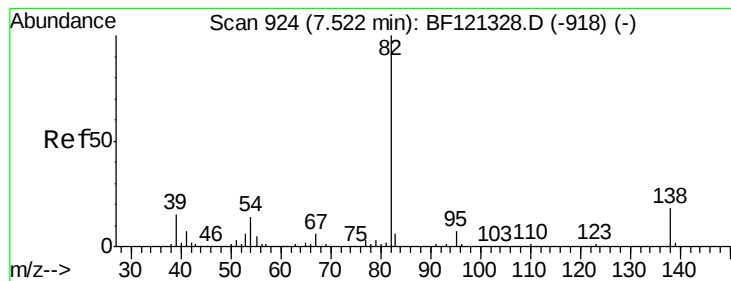
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#24
 Nitrobenzene
 Concen: 37.952 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion:	77	Resp:	413121
Ion Ratio	Lower	Upper	
77	100		
123	50.6	39.2	58.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 39.401 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

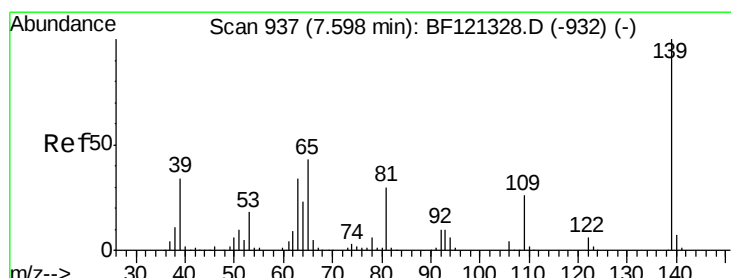
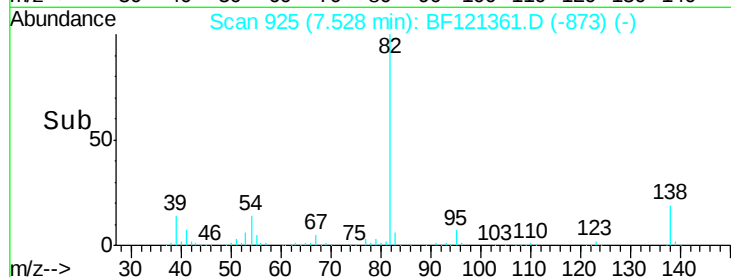
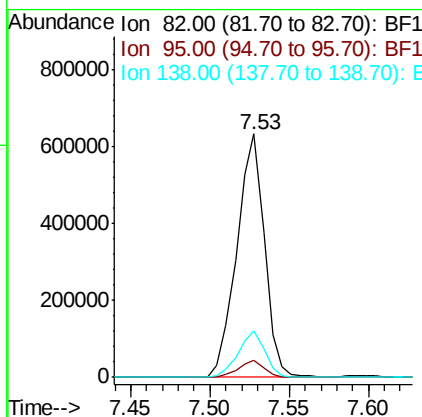
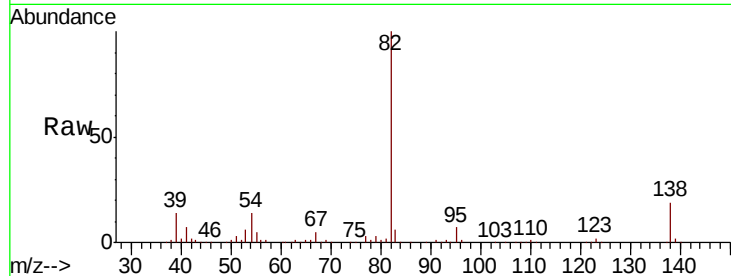
ClientSampleId :

PB131046BSD

Tot Ion:	82	Resp:	765815
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.3	7.9
138	18.9	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.509 ng

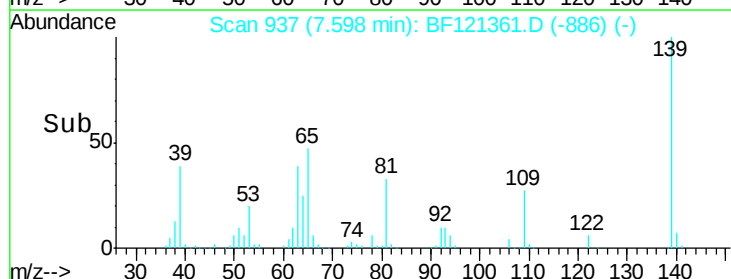
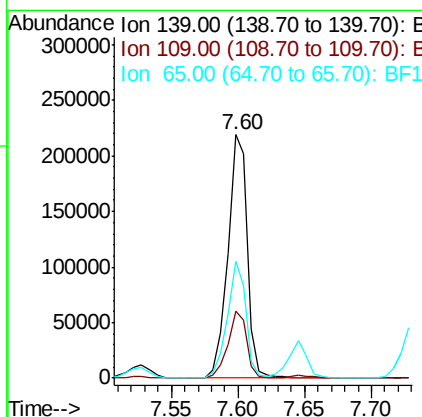
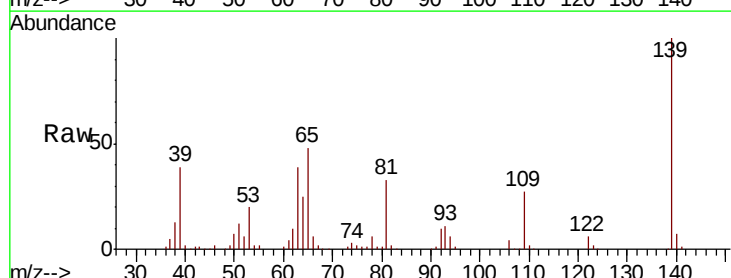
RT: 7.60 min Scan# 937

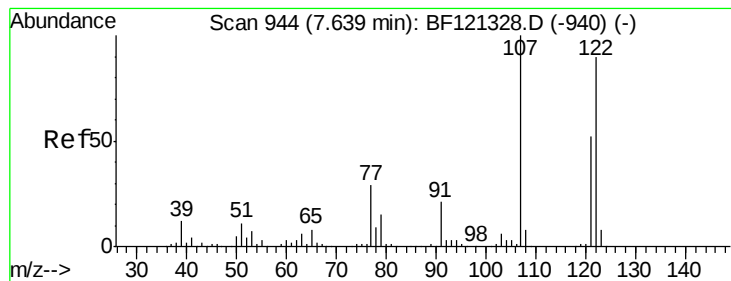
Delta R.T. 0.00 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:	139	Resp:	226153
Ion Ratio		Lower	Upper
139	100		
109	27.4	21.1	31.7
65	48.0	34.5	51.7





#27

2,4-Dimethylphenol

Concen: 45.112 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

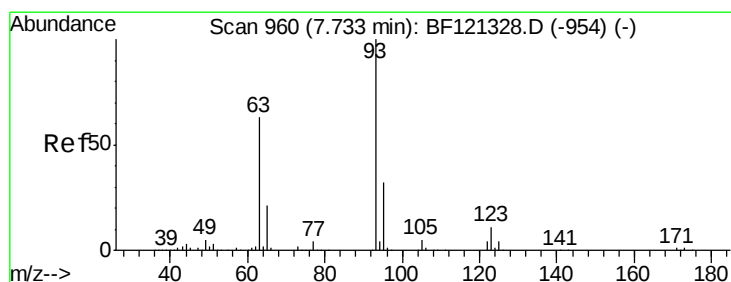
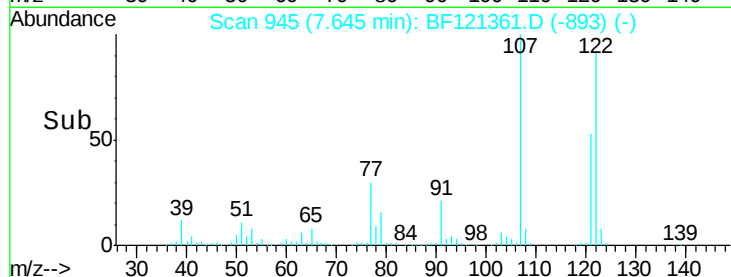
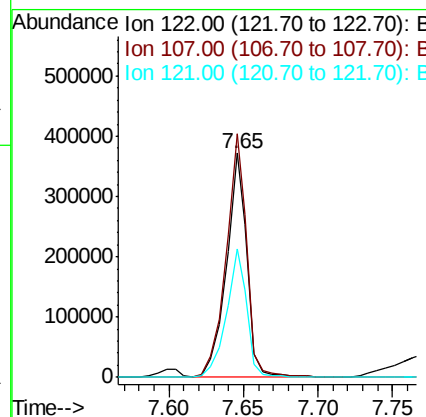
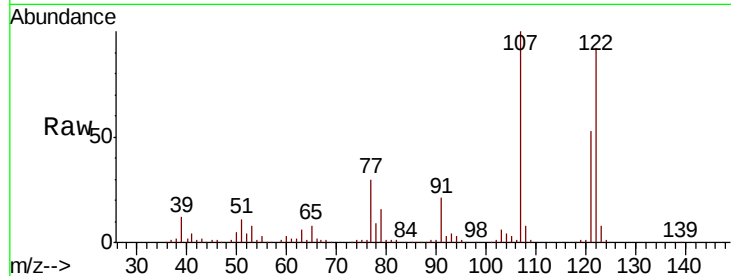
ClientSampled :

PB131046BSD

Tot Ion:	122	Resp:	359368
Ion Ratio	Lower	Upper	
122	100		
107	108.6	89.0	133.4
121	57.2	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 36.870 ng

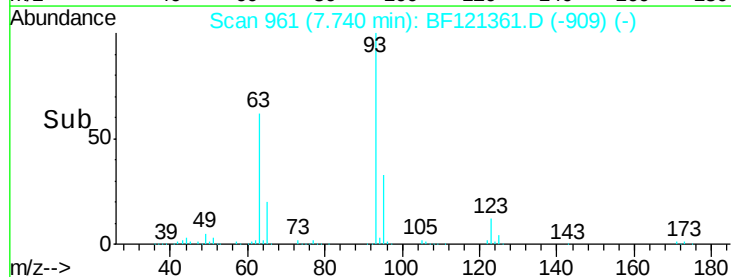
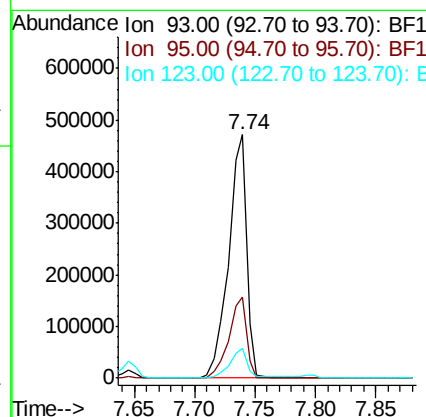
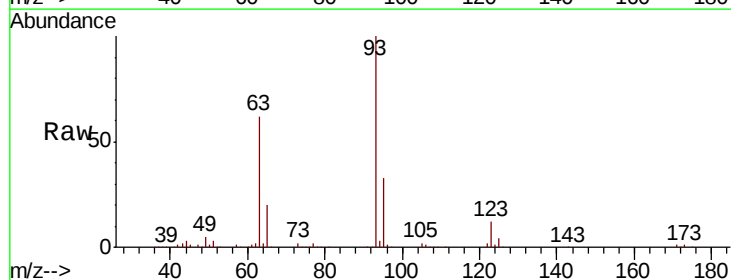
RT: 7.74 min Scan# 961

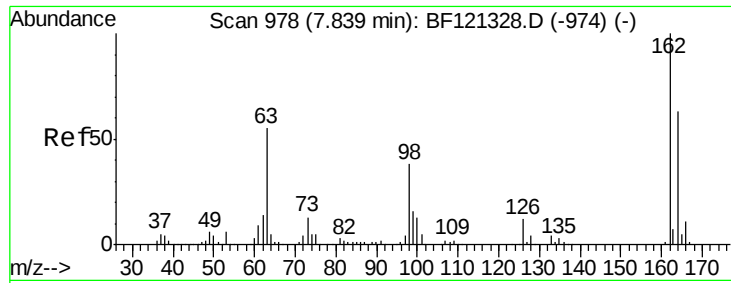
Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:	93	Resp:	487830
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.8	38.8
123	12.0	9.0	13.6





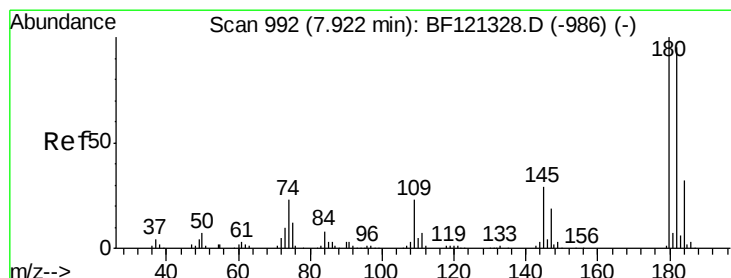
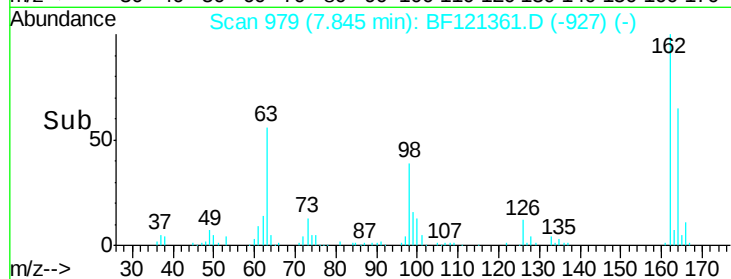
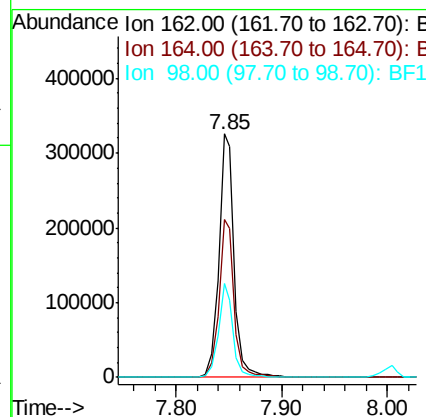
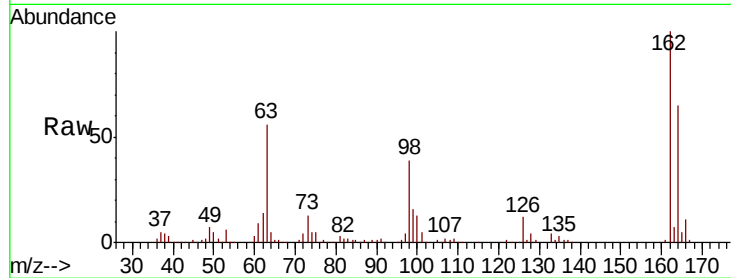
#29
2,4-Dichlorophenol
Concen: 38.469 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion:	162	Resp:	334580
Ion Ratio	Lower	Upper	
162	100		
164	65.0	43.4	83.4
98	38.8	18.1	58.1

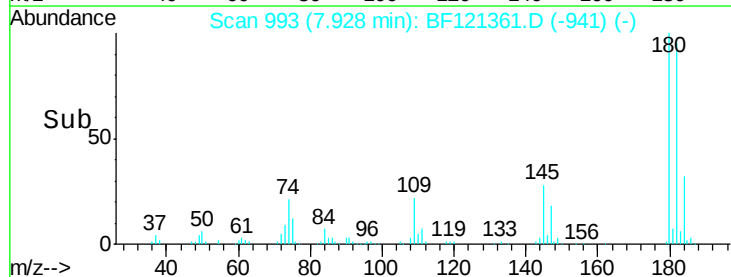
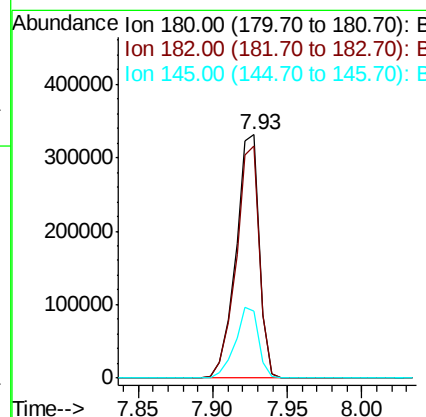
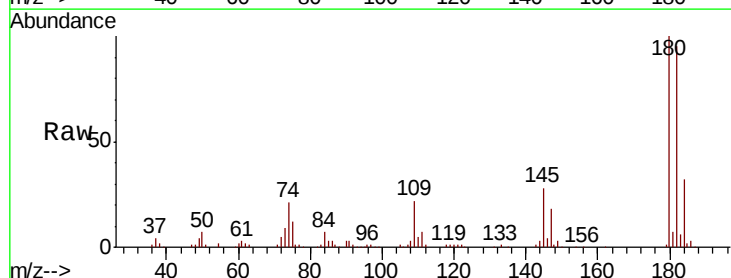
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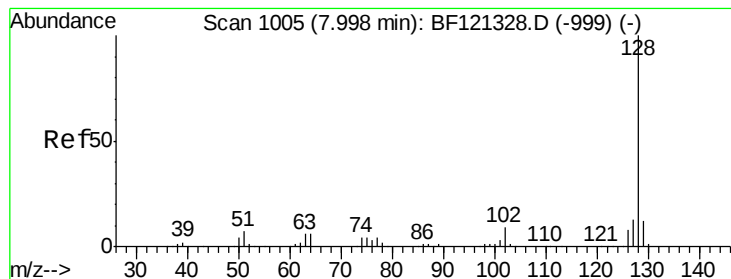
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#30
1,2,4-Trichlorobenzene
Concen: 36.711 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion:	180	Resp:	365117
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.9	113.9
145	27.8	23.2	34.8





#31

Naphthalene

Concen: 37.692 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

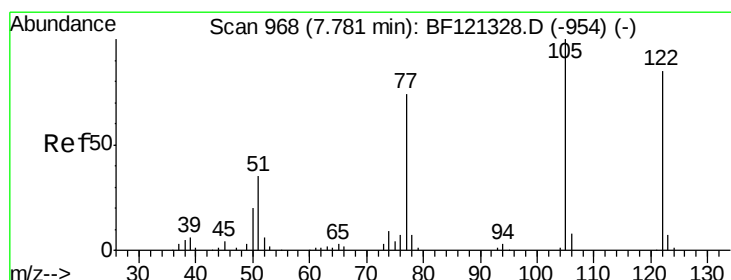
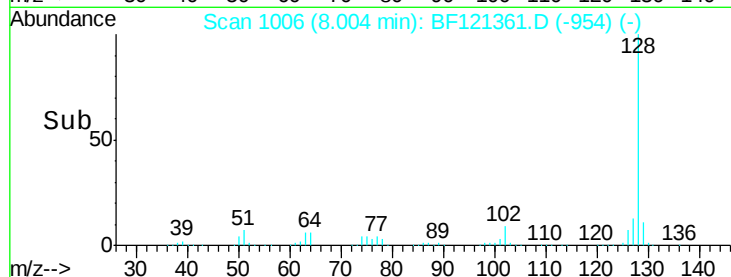
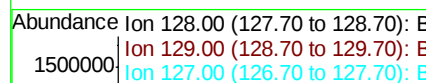
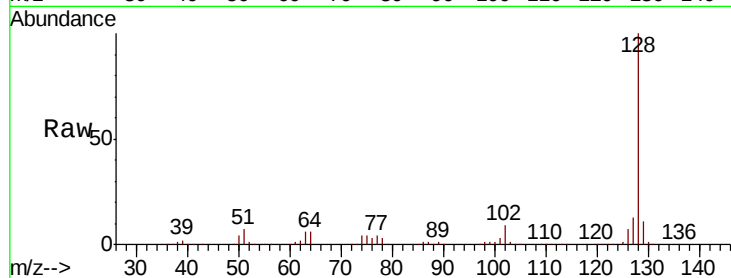
ClientSampleId :

PB131046BSD

Tot Ion:128	Resp: 1133107
Ion Ratio	Lower Upper
128 100	
129 11.2	9.3 13.9
127 13.2	10.6 16.0

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#32

Benzoic acid

Concen: 30.584 ng

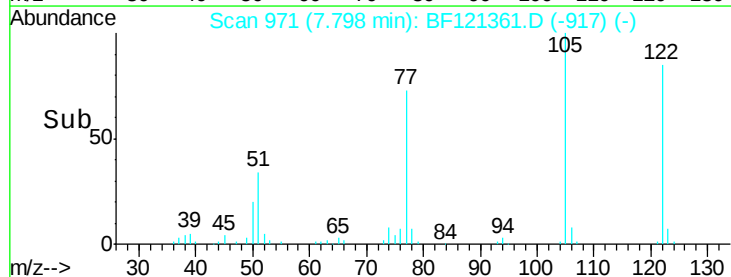
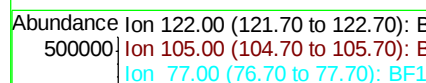
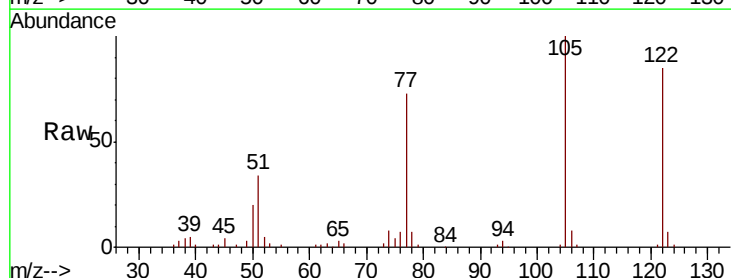
RT: 7.80 min Scan# 971

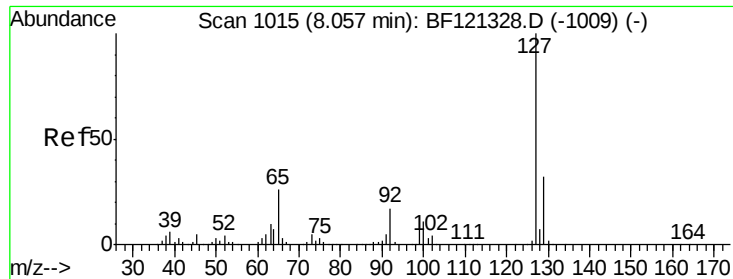
Delta R.T. 0.02 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:122	Resp: 171765
Ion Ratio	Lower Upper
122 100	
105 117.3	96.7 136.7
77 85.9	66.7 106.7





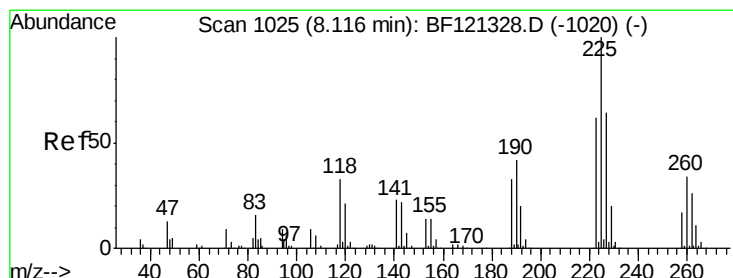
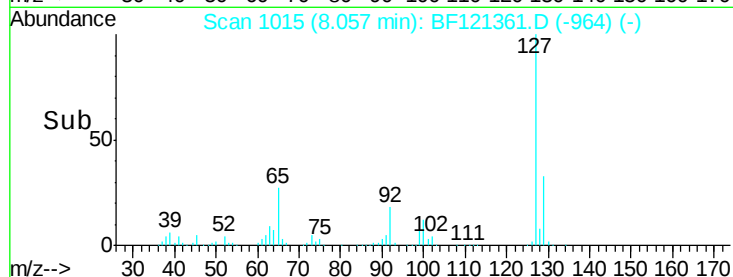
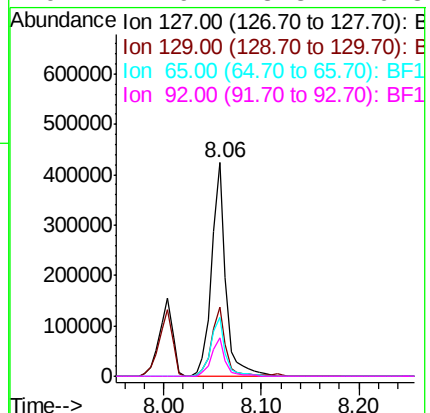
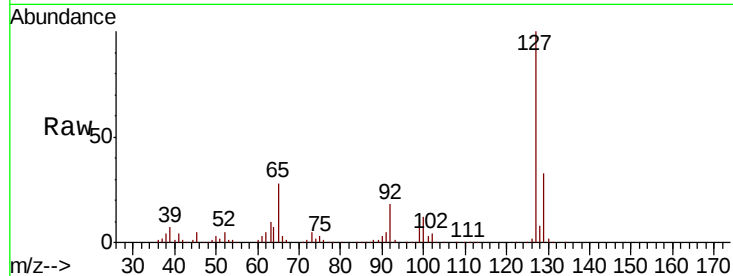
#33
4-Chloroaniline
Concen: 31.846 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.7	38.5	
65	27.7	20.9	31.3	
92	17.9	13.8	20.8	

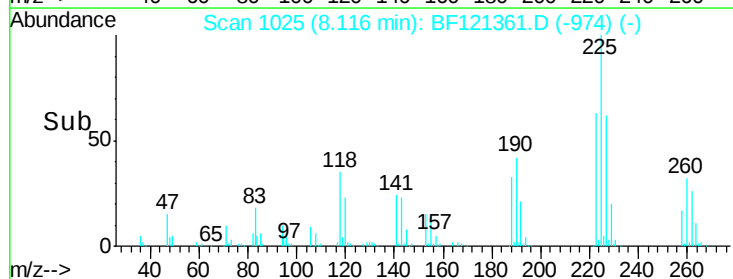
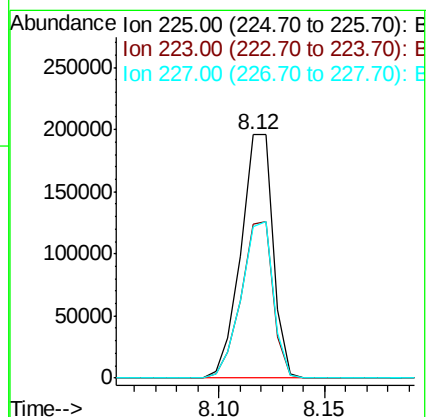
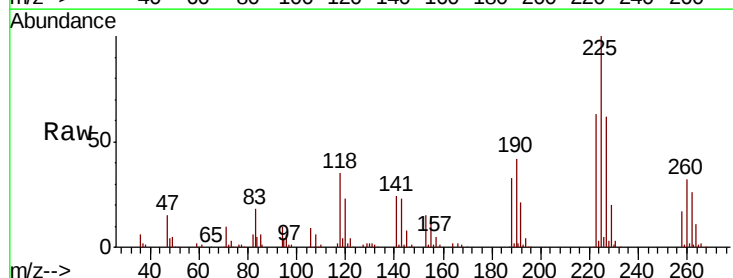
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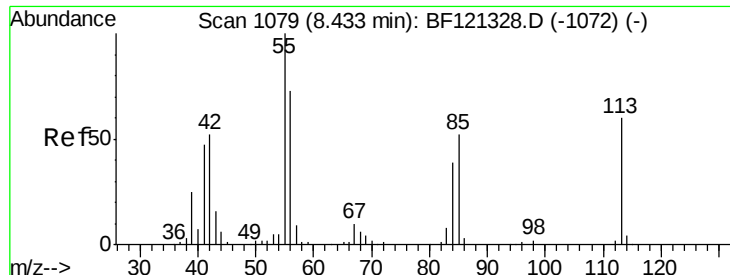
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#34
Hexachlorobutadiene
Concen: 35.209 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.7	74.5	
227	62.4	50.9	76.3	





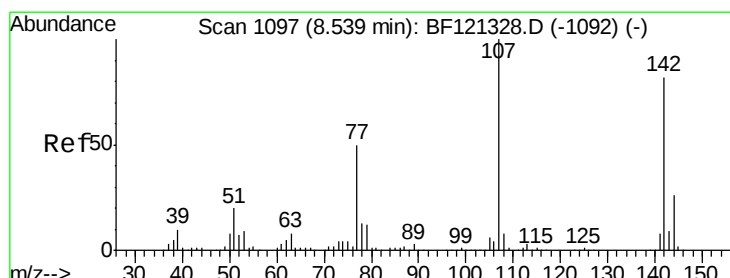
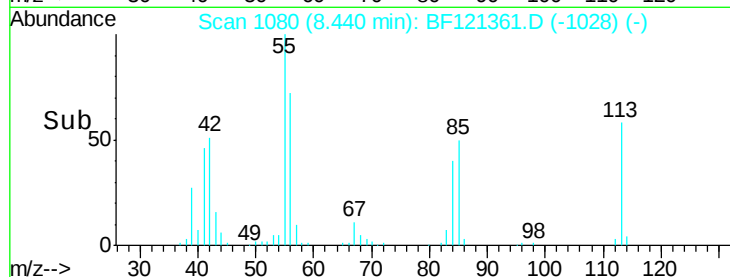
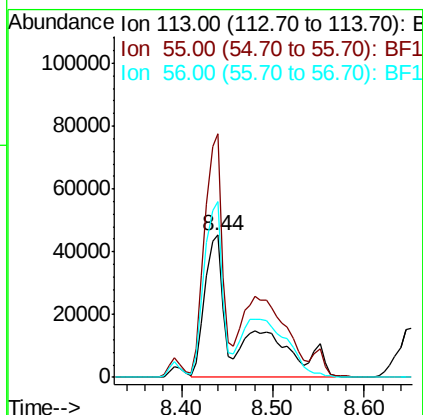
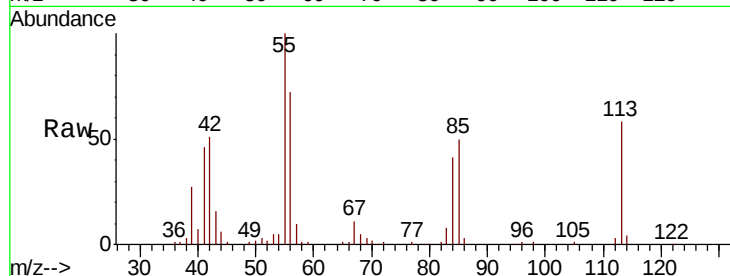
#35
Caprolactam
Concen: 43.036 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleID :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.3	147.9	187.9
56	124.0	102.4	142.4

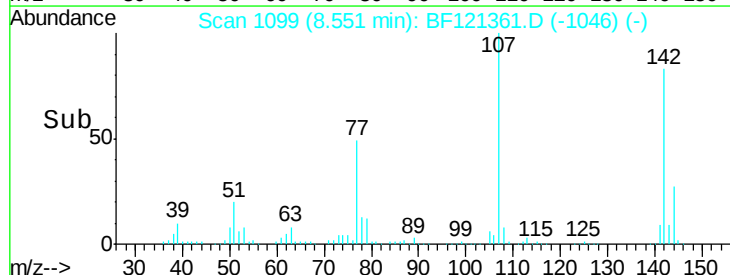
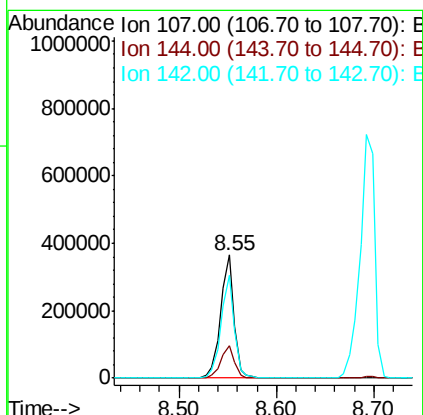
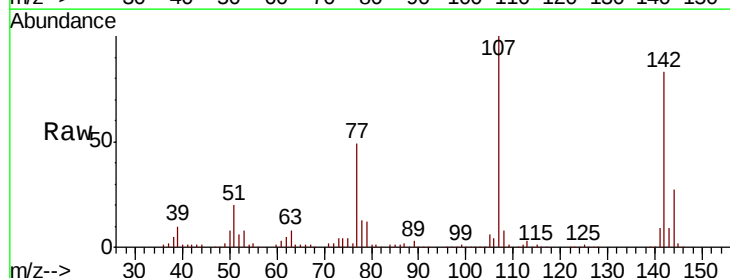
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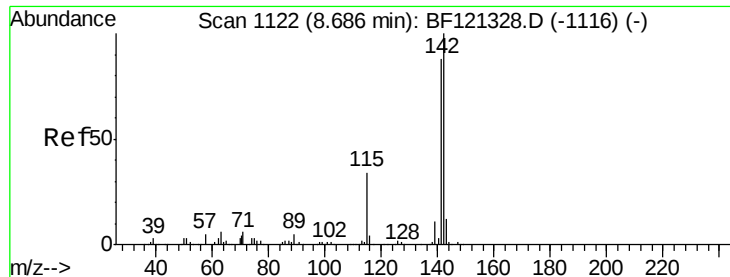
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#36
4-Chloro-3-methylphenol
Concen: 39.670 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.1	31.7
142	83.2	65.6	98.4





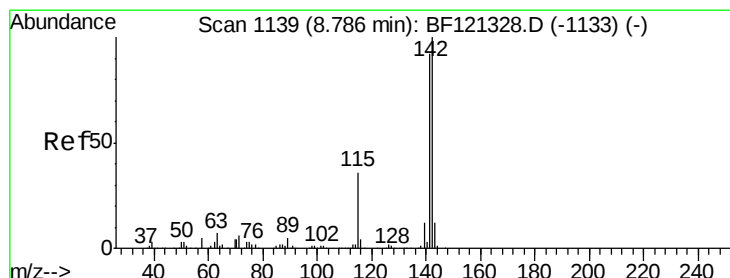
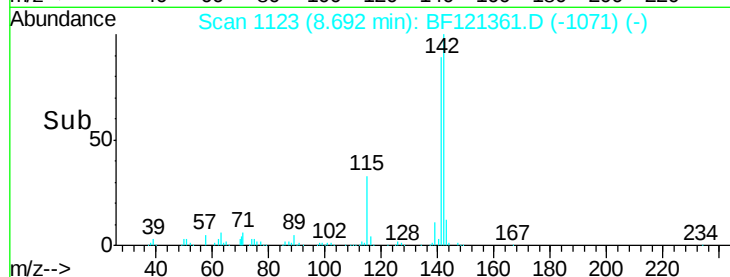
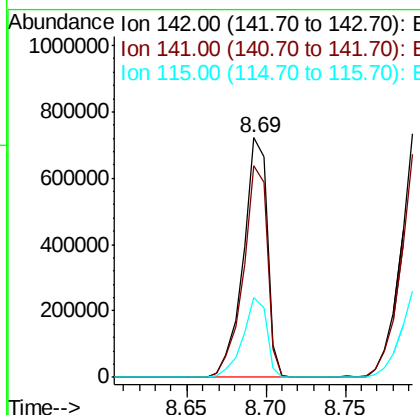
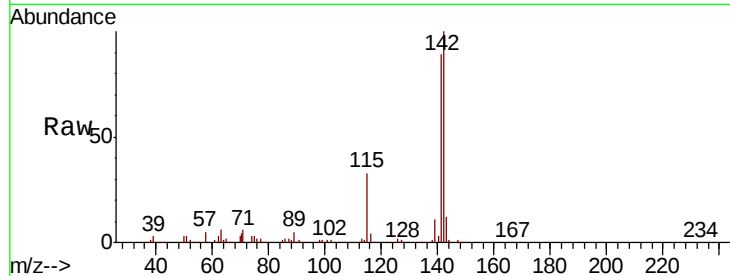
#37
2-Methylnaphthalene
Concen: 38.926 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	33.4	26.9	40.3

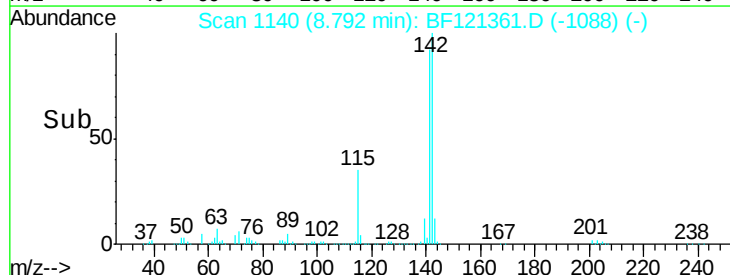
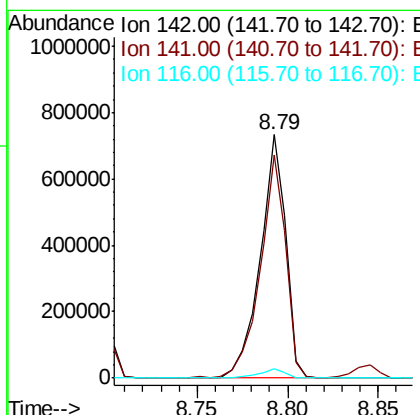
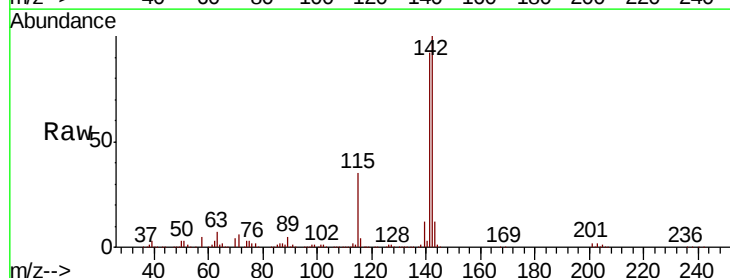
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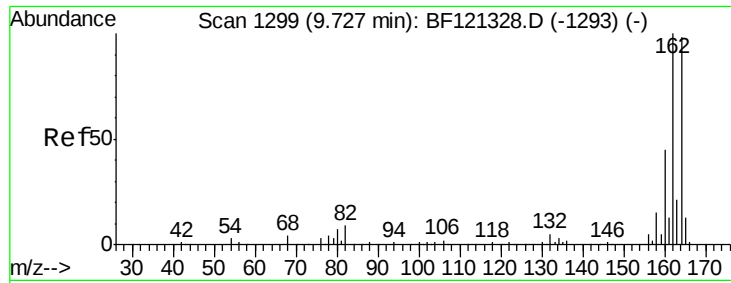
Sohil
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#38
1-Methylnaphthalene
Concen: 38.507 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.6	110.4
116	3.6	3.0	4.4





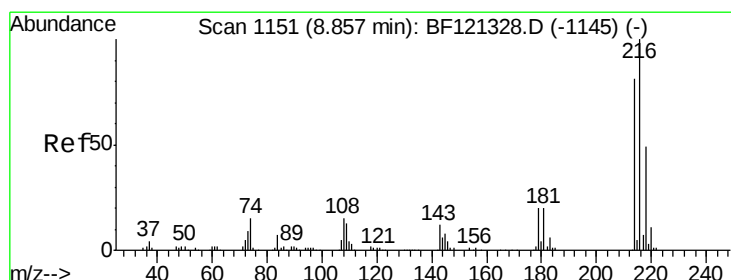
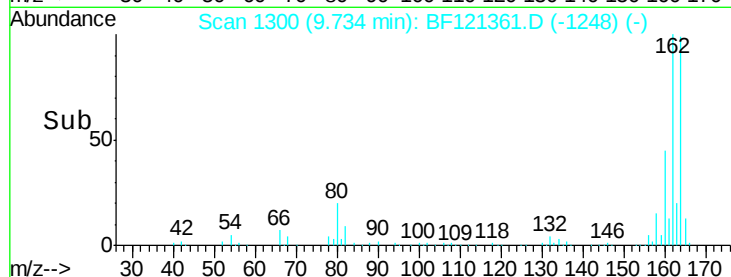
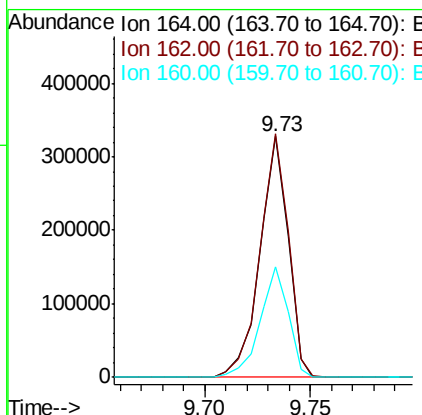
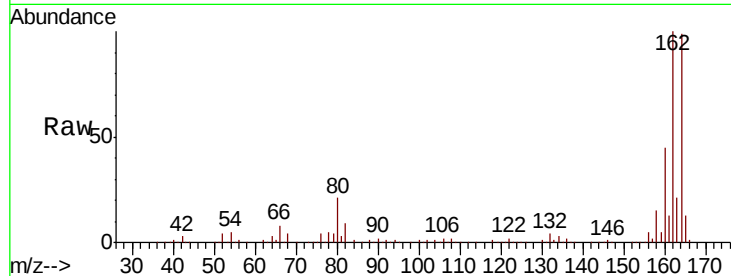
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.7	37.0	55.4

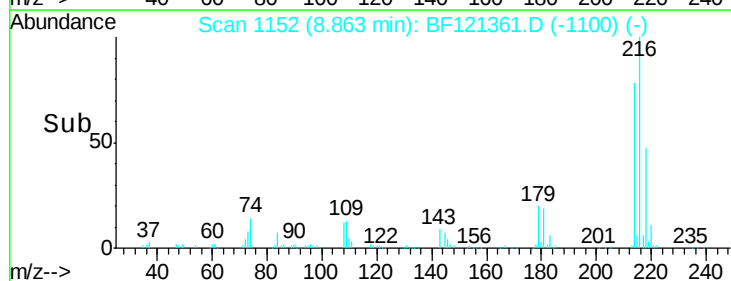
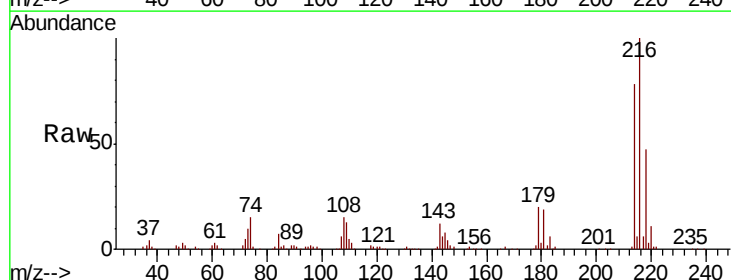
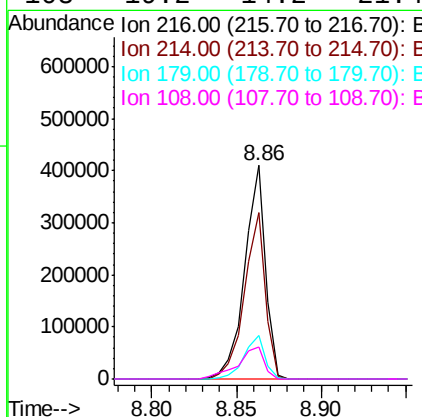
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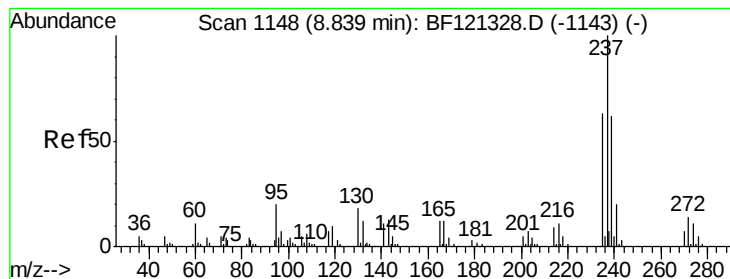
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.995 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.2	96.2
179	20.4	16.4	24.6
108	19.2	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 83.538 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

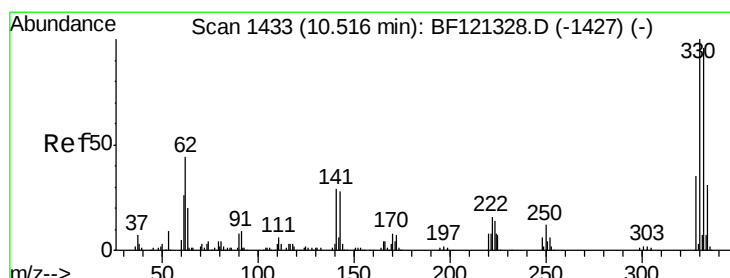
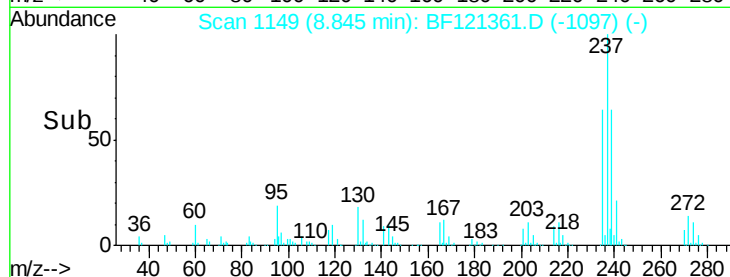
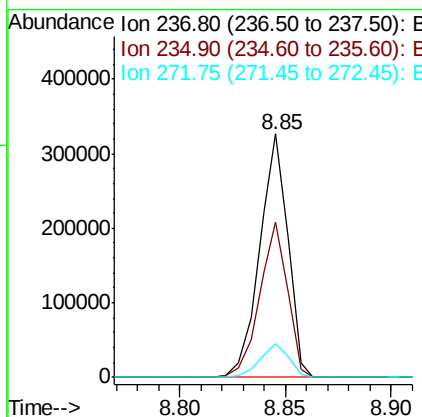
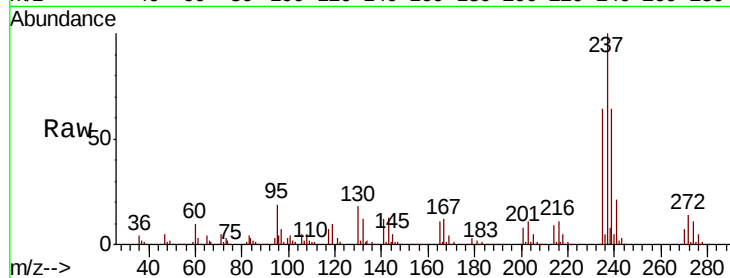
ClientSampleId :

PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	42.7	82.7	
272	13.9	0.0	33.7	

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#42

2,4,6-Tribromophenol

Concen: 92.505 ng

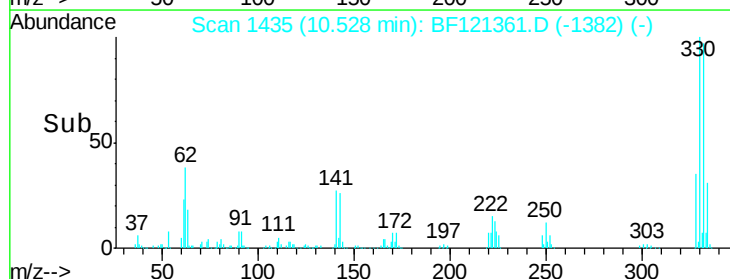
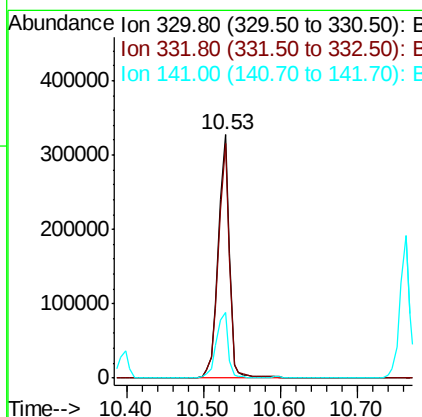
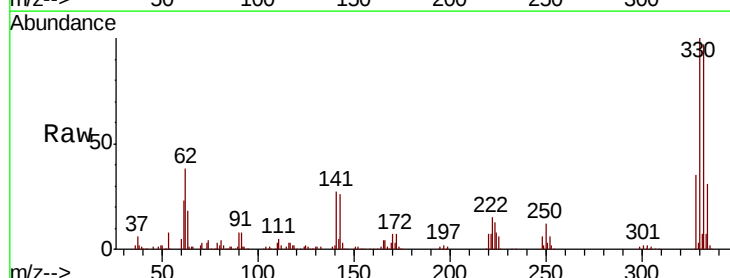
RT: 10.53 min Scan# 1435

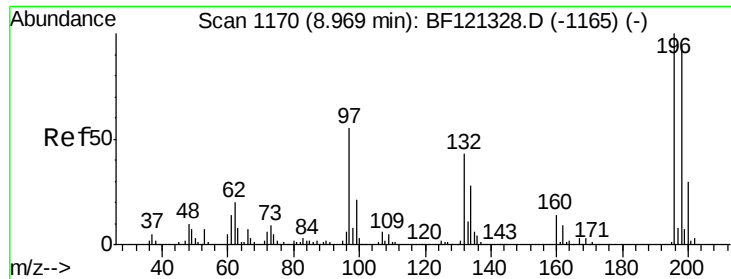
Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.9	115.3	
141	28.4	22.8	34.2	





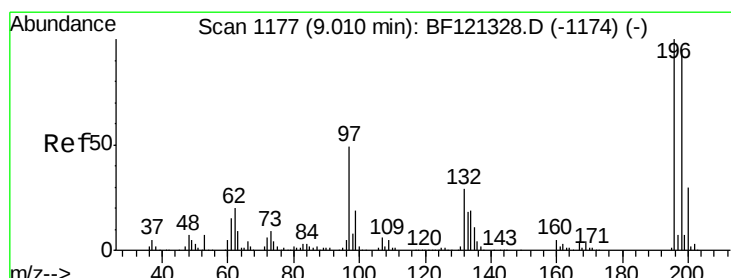
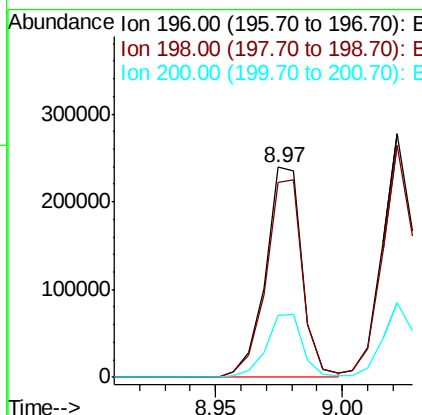
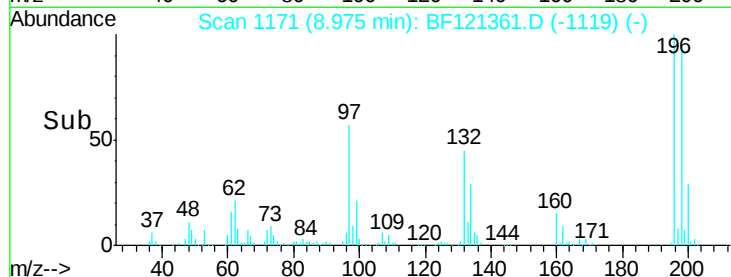
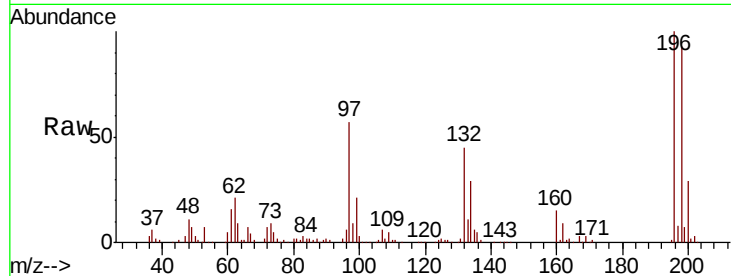
#43
 2,4,6-Trichlorophenol
 Concen: 38.826 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampled :
 PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241795		
198	93.0	75.6	113.4	
200	29.4	24.2	36.2	

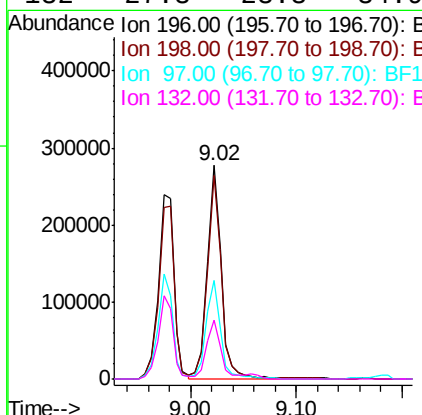
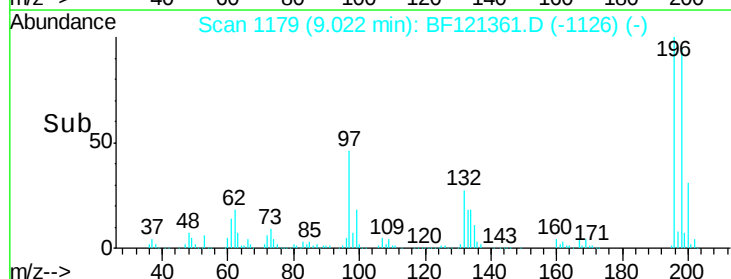
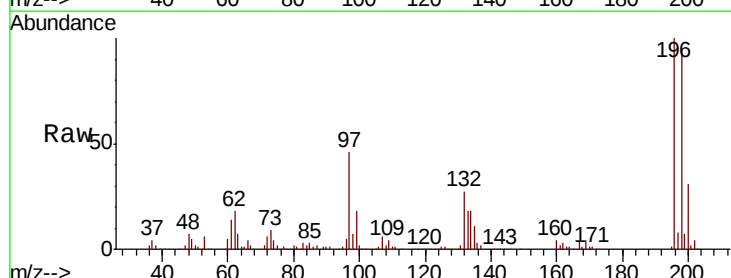
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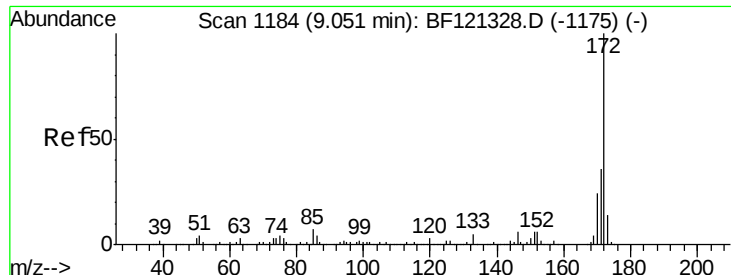
Sohil
 8/24/2020 1:49:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.006 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256322		
198	95.4	75.6	113.4	
97	46.2	39.6	59.4	
132	27.3	23.3	34.9	





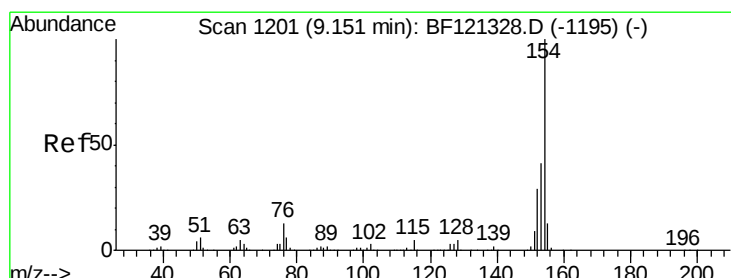
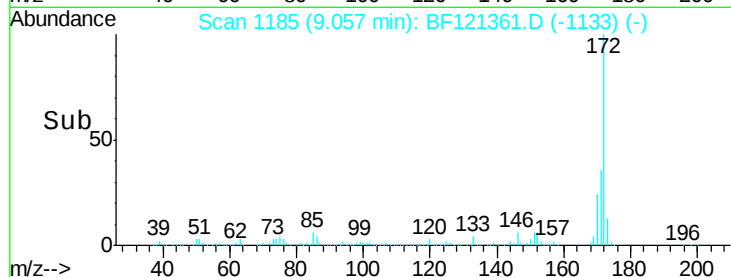
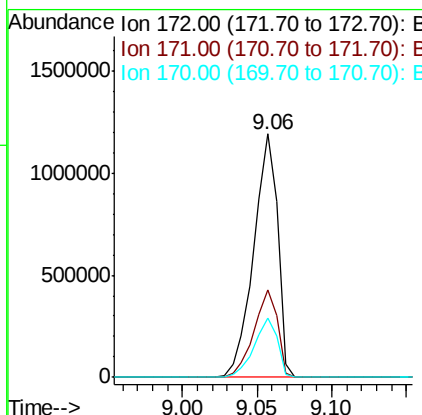
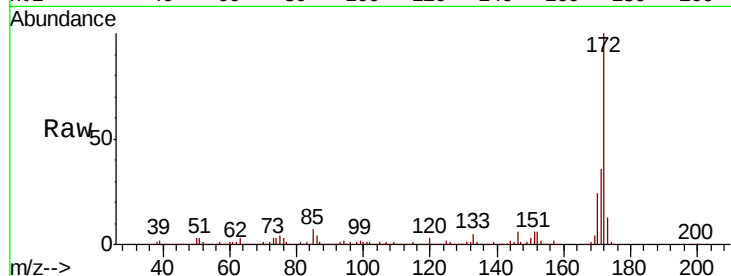
#45
 2-Fluorobiphenyl
 Concen: 81.654 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.1	19.4	29.2

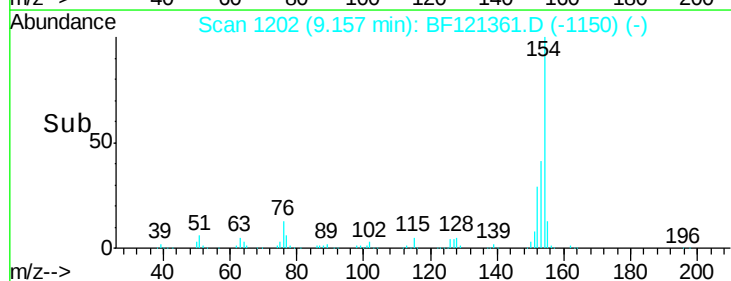
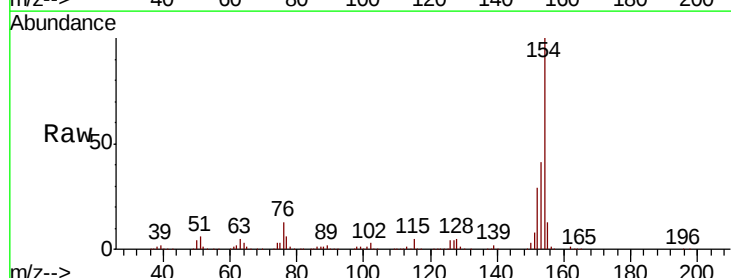
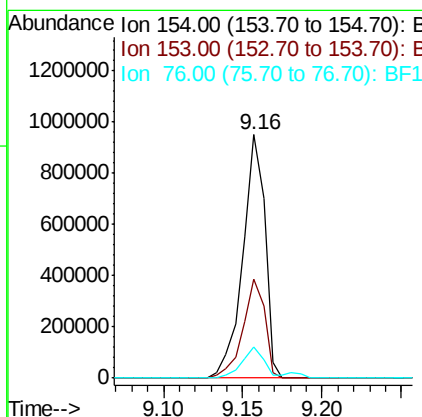
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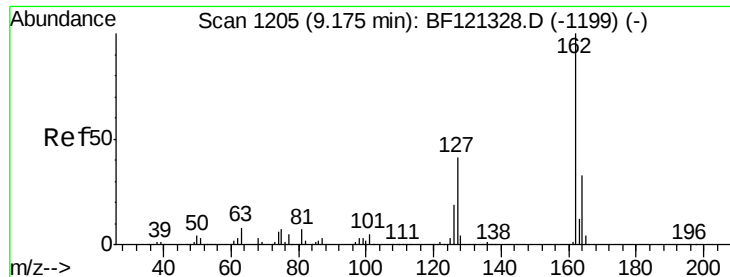
Sohil
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#46
 1,1'-Biphenyl
 Concen: 39.846 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	13.0	0.0	33.1





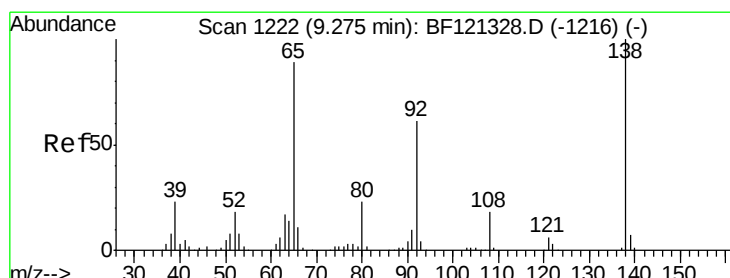
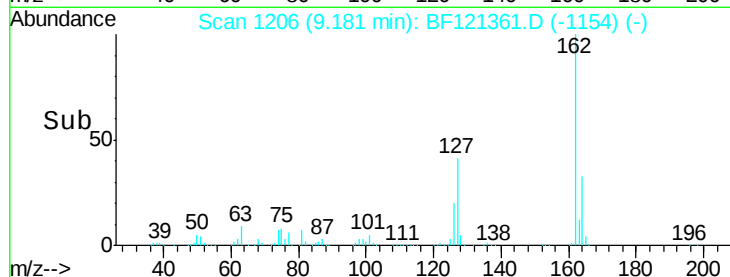
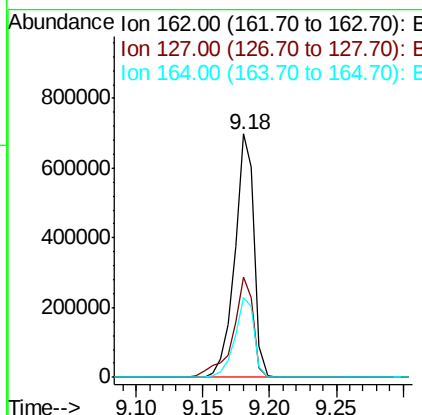
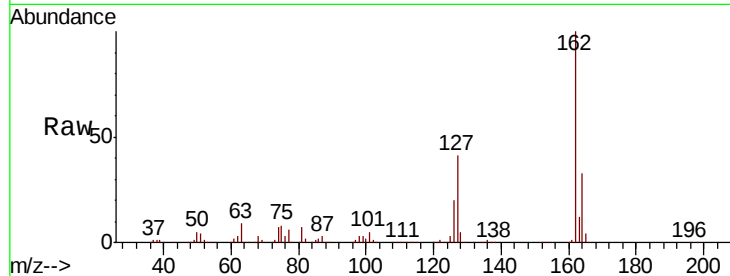
#47
2-Chloronaphthalene
Concen: 37.146 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.0		33.1	49.7	
164	32.9		26.5	39.7	

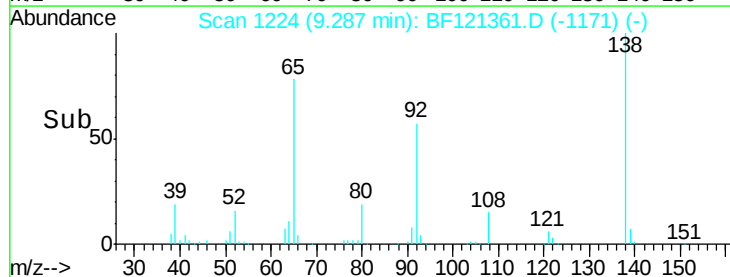
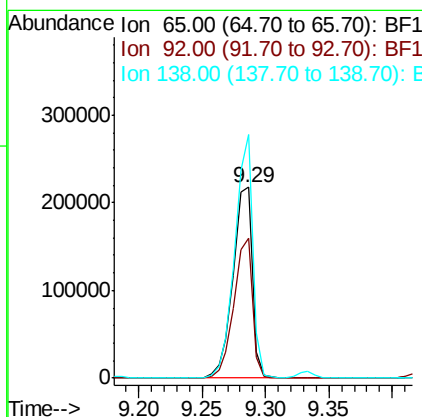
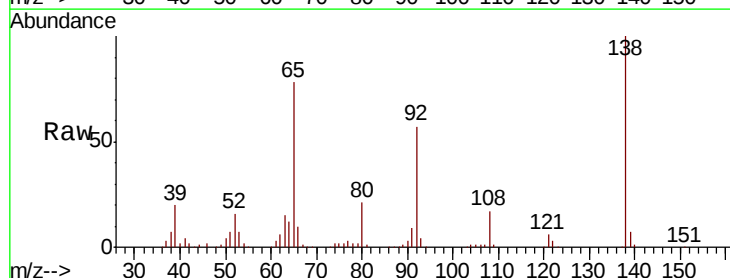
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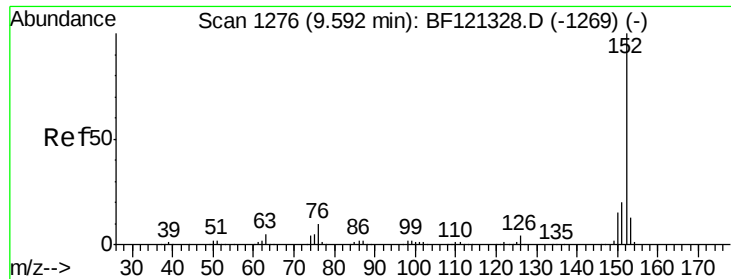
Sohil
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#48
2-Nitroaniline
Concen: 38.409 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	73.3		54.9	82.3	
138	127.4		89.5	134.3	





#49

Acenaphthylene

Concen: 39.728 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

ClientSampleId :

PB131046BSD

Tot Ion:152 Resp: 1118339

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

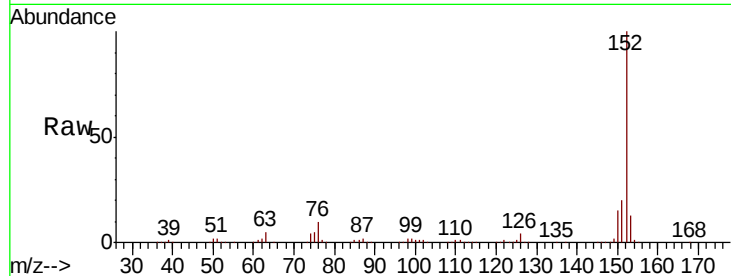
153 13.0 10.6 16.0

Manual Integrations

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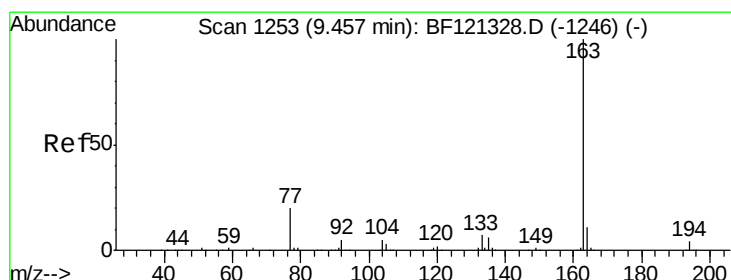
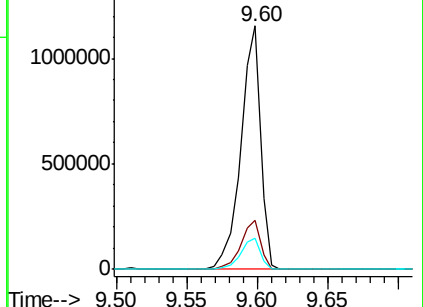
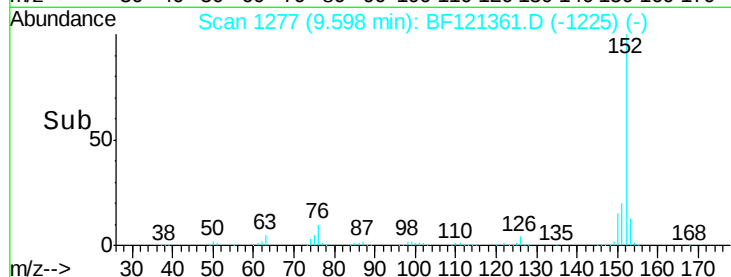
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.159 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

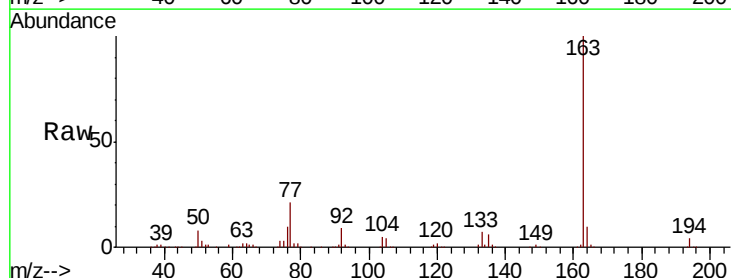
Tgt Ion:163 Resp: 852069

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

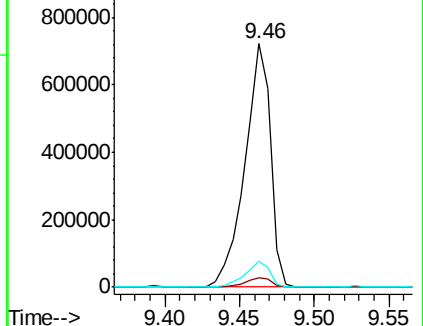
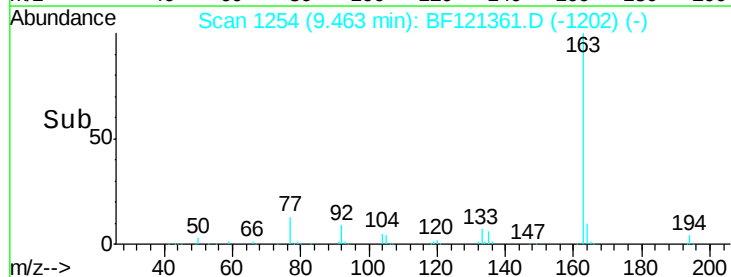
164 10.4 8.4 12.6

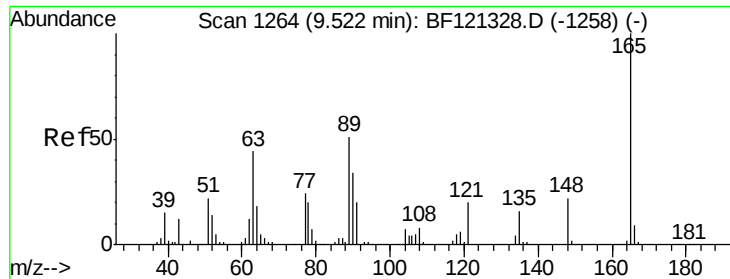


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





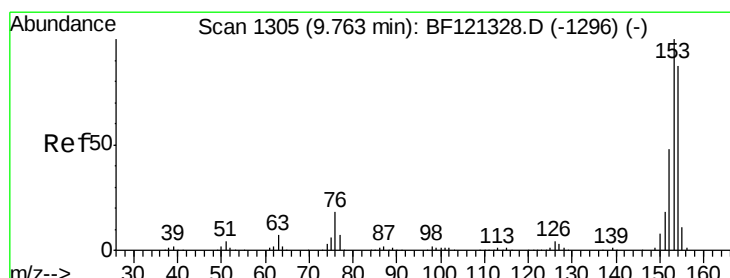
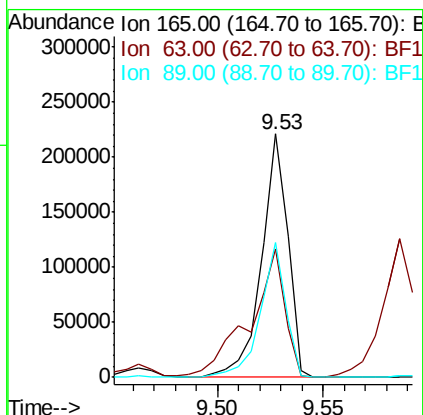
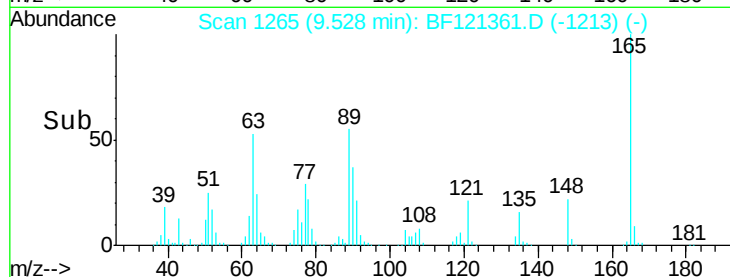
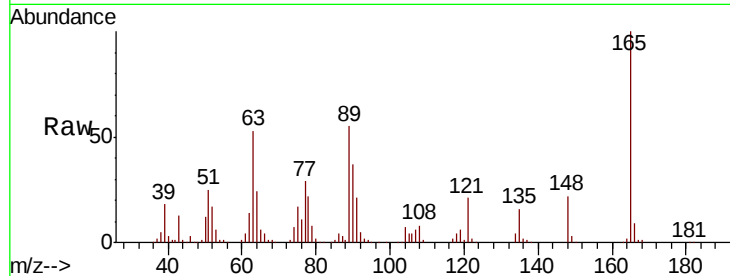
#51
 2,6-Dinitrotoluene
 Concen: 40.164 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	191533		
63	52.7	38.5	57.7	
89	55.1	41.2	61.8	

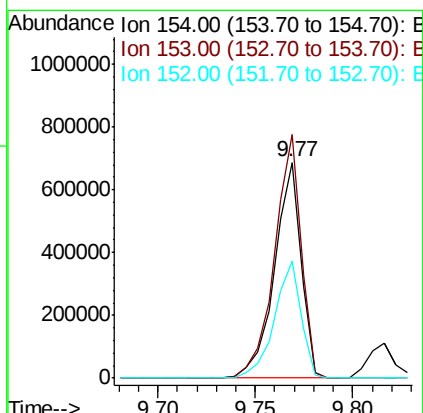
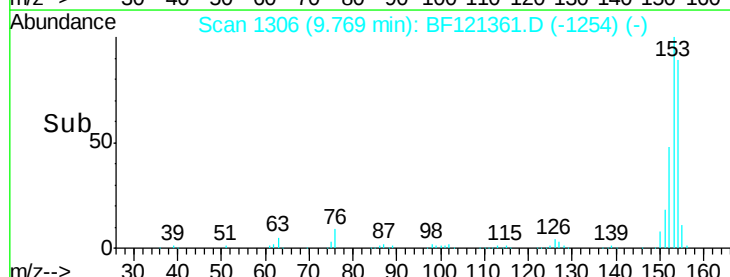
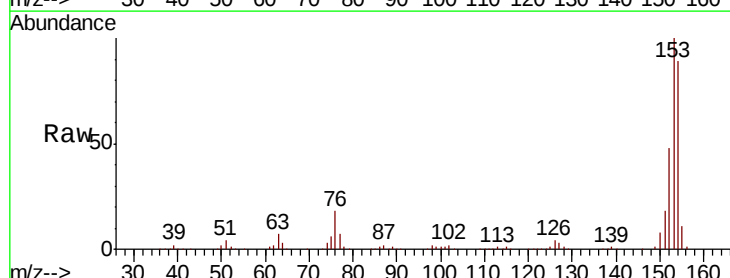
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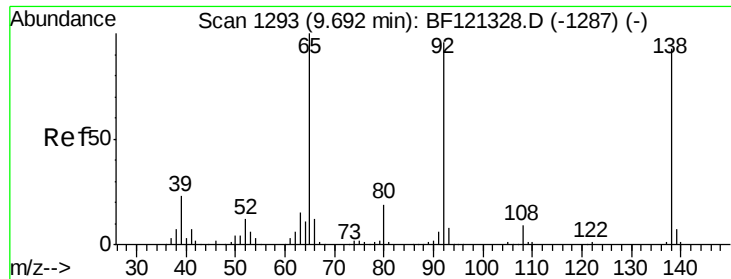
Sohil
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#52
 Acenaphthene
 Concen: 38.027 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	650426		
153	112.7	92.0	138.0	
152	54.3	44.6	66.8	





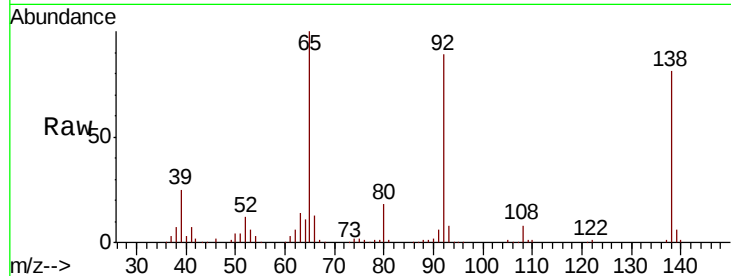
#53
 3-Nitroaniline
 Concen: 28.211 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

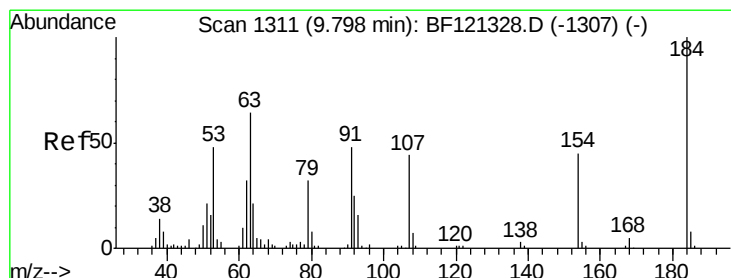
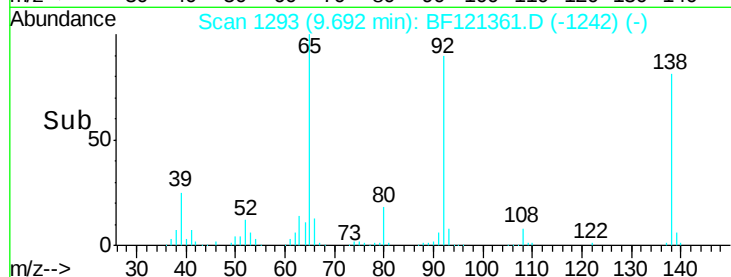
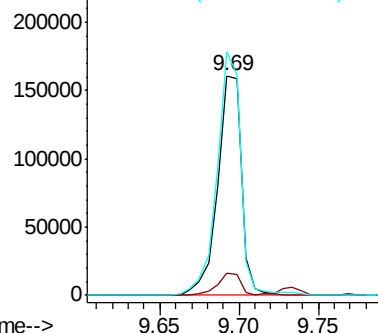
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.5	11.3
92	111.0	83.0	124.4

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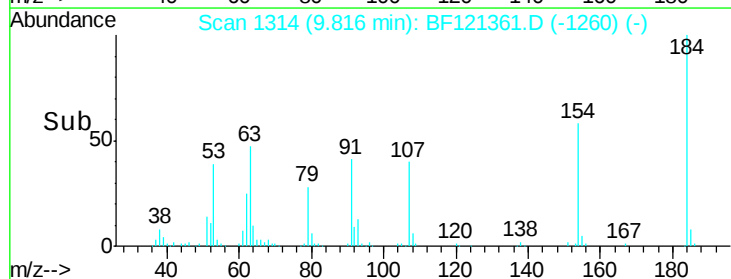
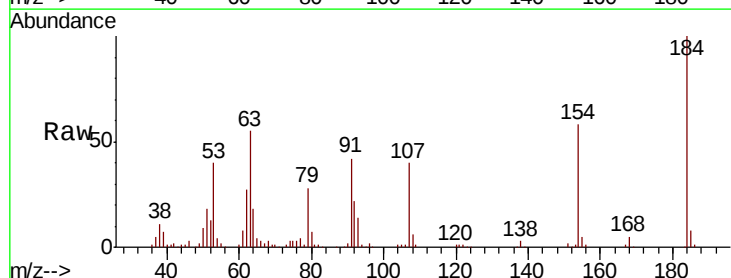
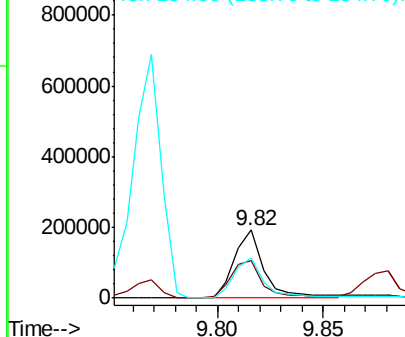
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

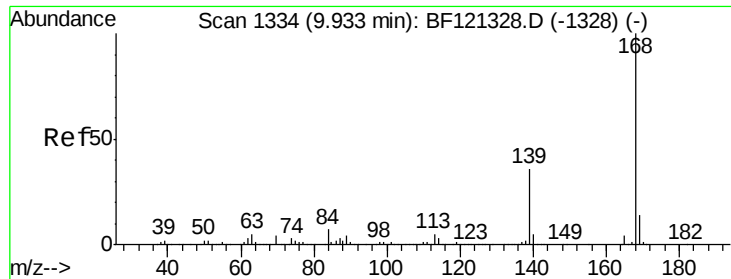


#54
 2,4-Dinitrophenol
 Concen: 82.113 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.1	51.5	77.3
154	58.2	48.0	72.0

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





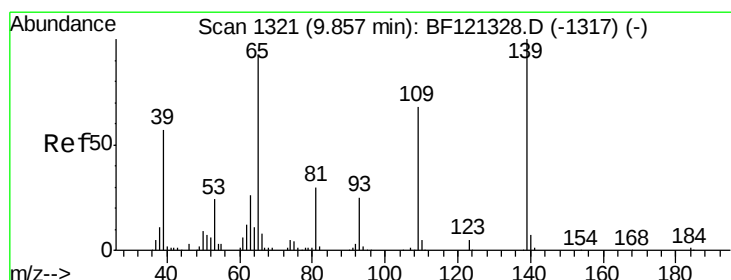
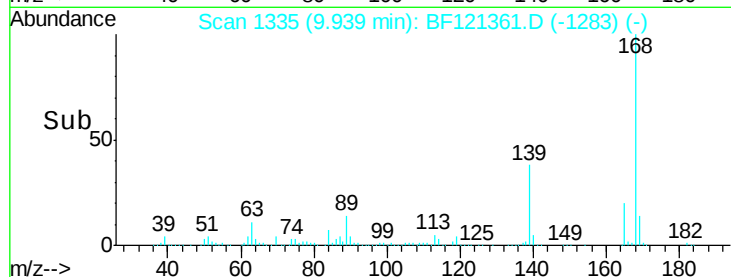
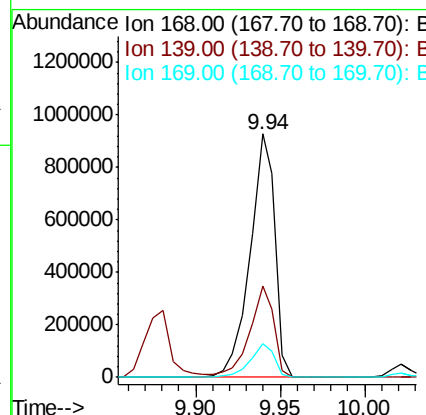
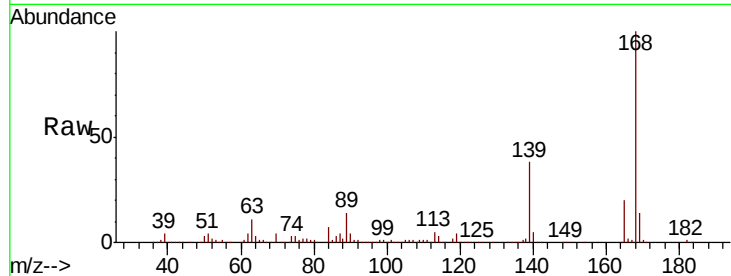
#55
Dibenzofuran
Concen: 43.431 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.1	43.7
169	13.9	11.0	16.6

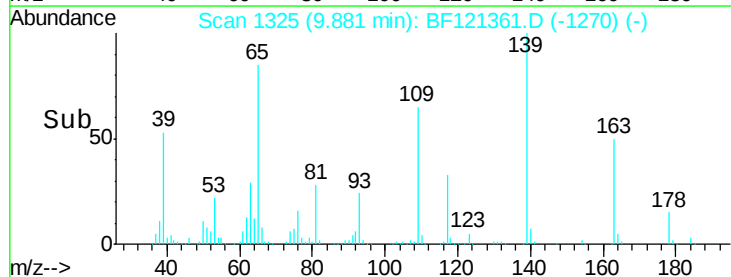
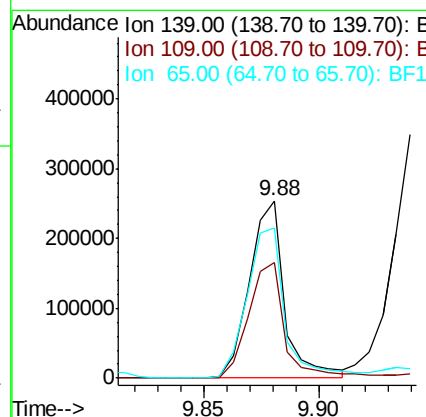
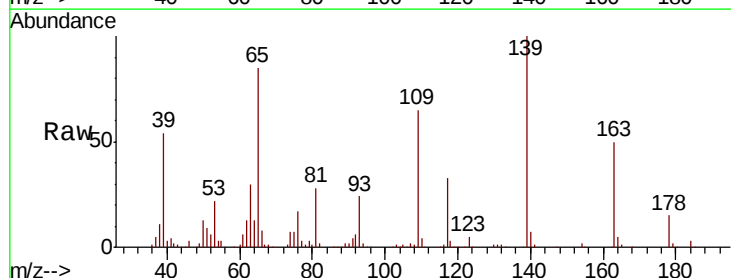
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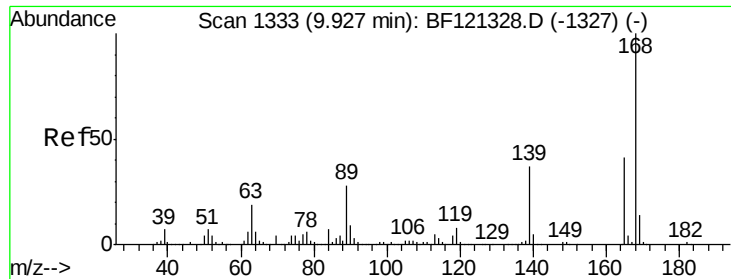
Sohil
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#56
4-Nitrophenol
Concen: 73.398 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	47.7	87.7
65	84.6	73.2	113.2





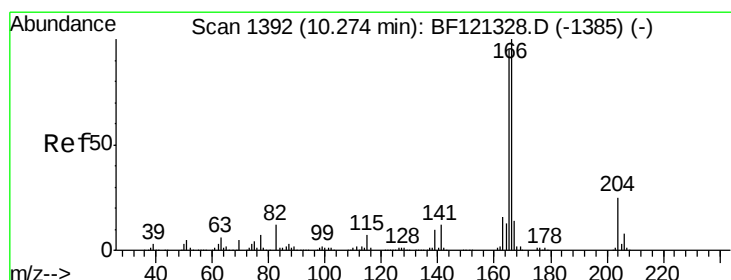
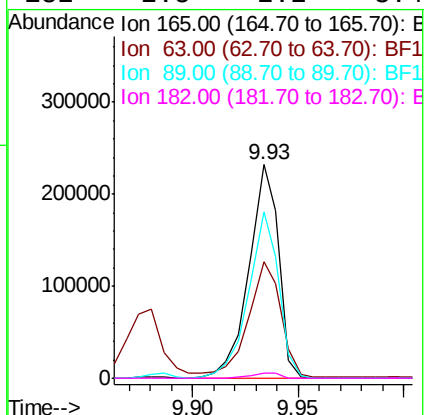
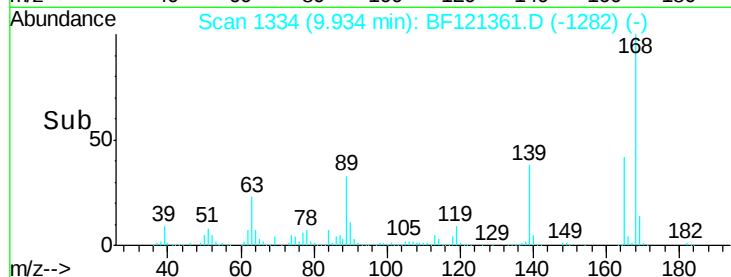
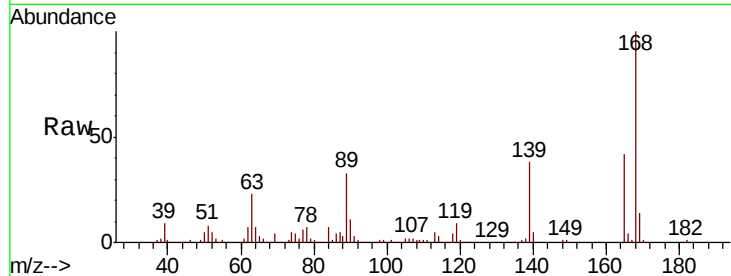
#57
 2,4-Dinitrotoluene
 Concen: 39.094 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	227436		
63	54.4	37.5	56.3	
89	78.2	54.2	81.4	
182	2.5	2.2	3.4	

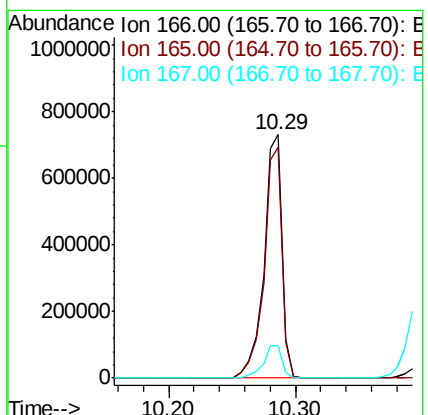
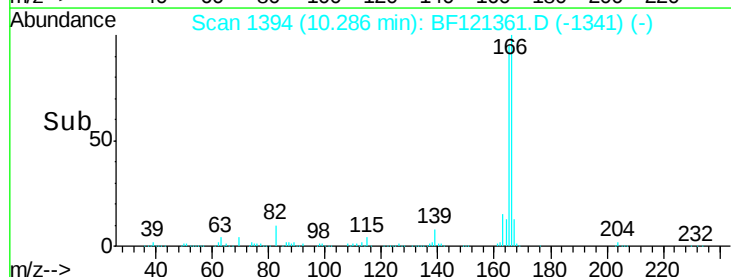
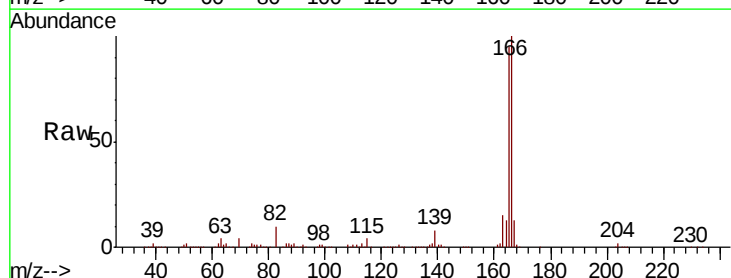
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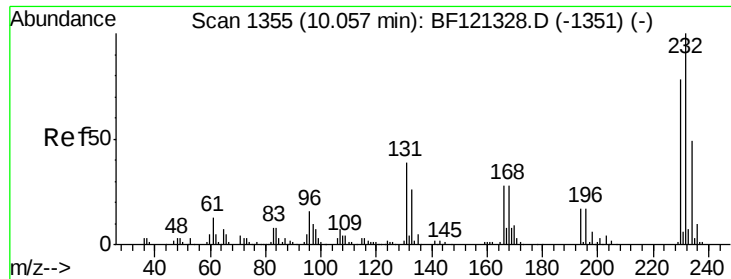
Sohil
 8/24/2020 1:49:59 PM



#58
 Fluorene
 Concen: 45.146 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	724632		
165	94.8	75.8	113.8	
167	13.4	11.0	16.4	





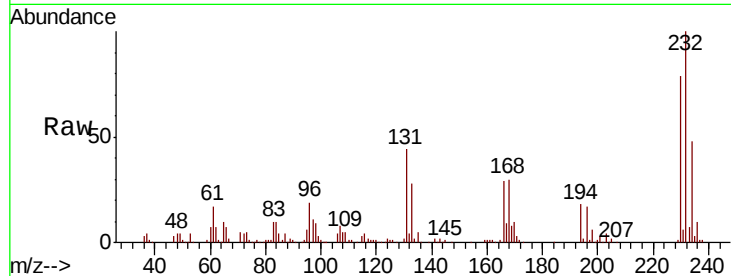
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.731 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

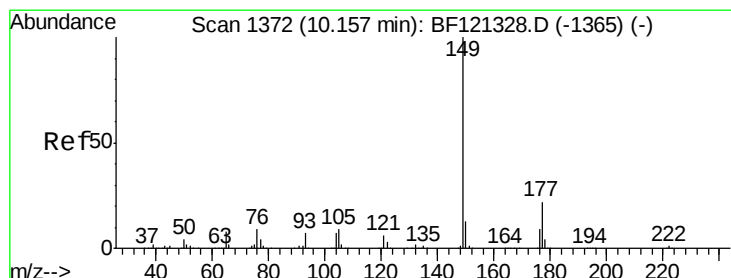
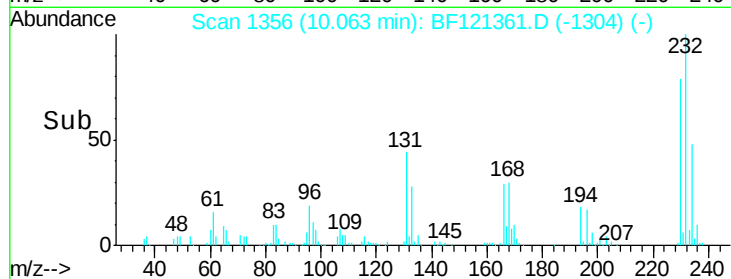
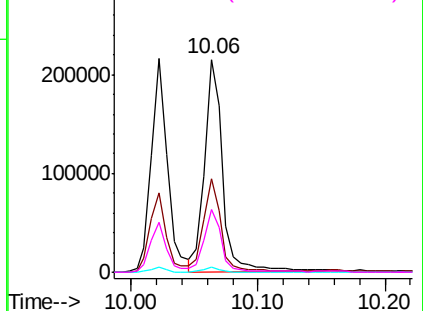
Tot Ion	Ratio	Resp	Lower	Upper
232	100	212134		
131	42.1	34.2	51.4	
130	2.1	1.7	2.5	
166	28.8	22.3	33.5	

Manual Integrations
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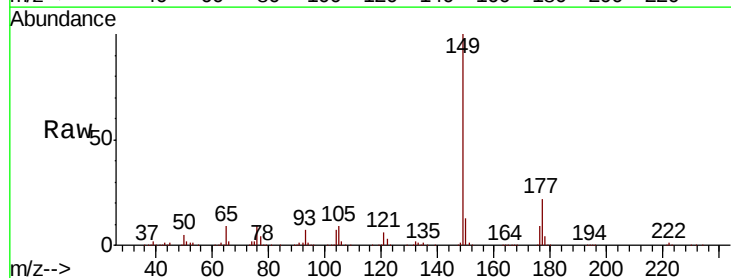


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

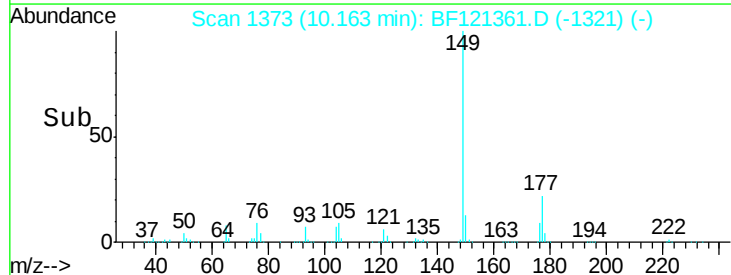
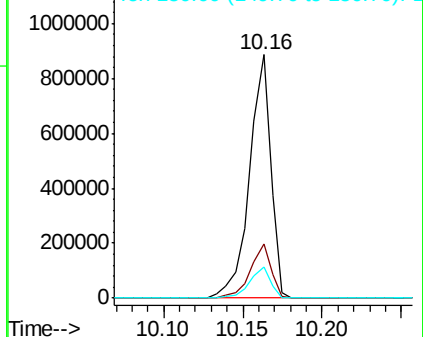


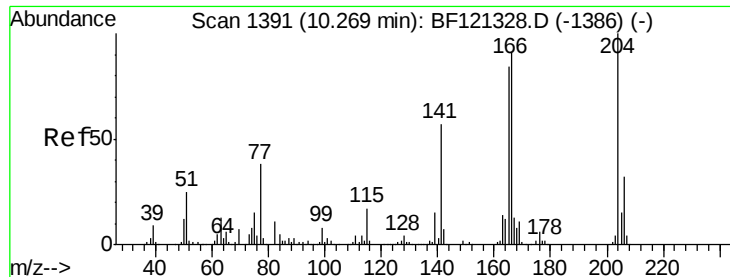
#60
Diethylphthalate
Concen: 37.742 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	822945		
177	22.4	17.6	26.4	
150	12.6	10.1	15.1	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





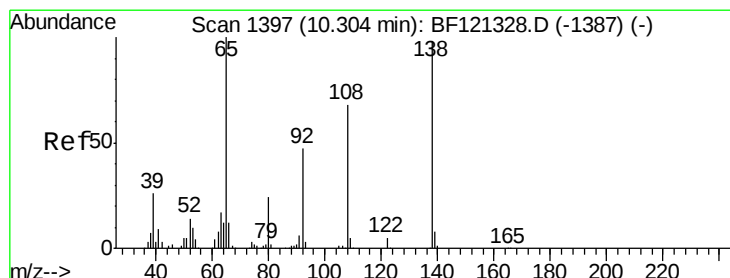
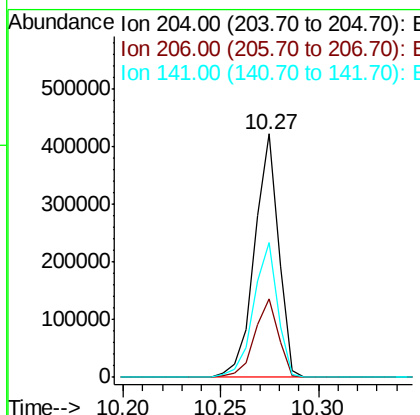
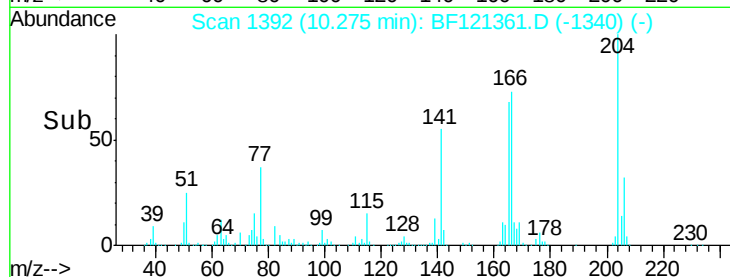
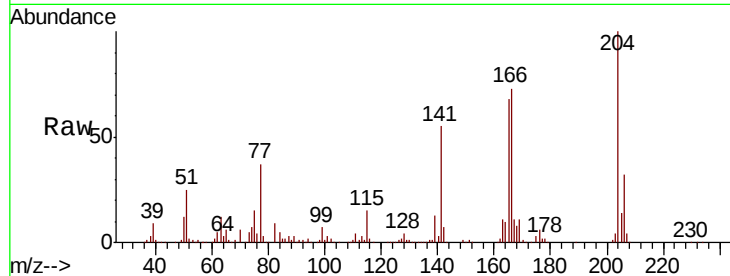
#61
4-Chlorophenyl-phenylether
Concen: 44.536 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion:	204	Resp:	360597
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.9	38.9
141	55.3	45.5	68.3

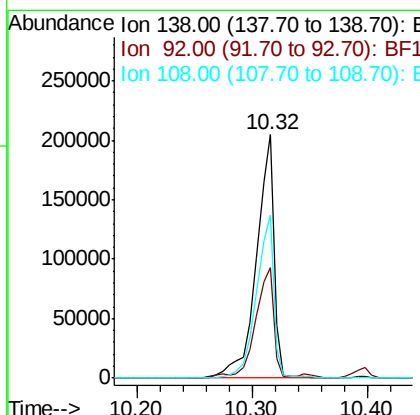
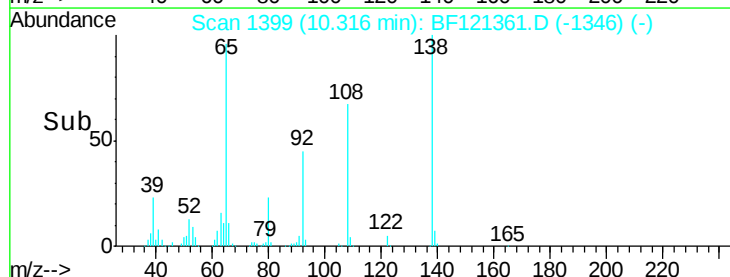
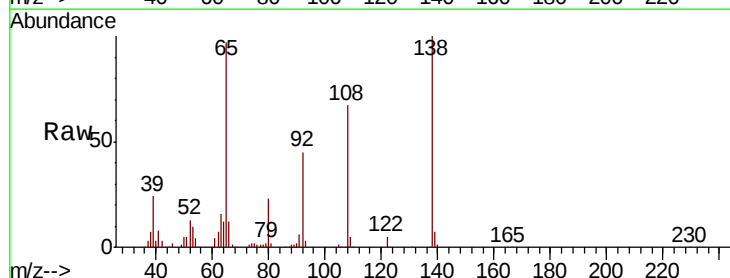
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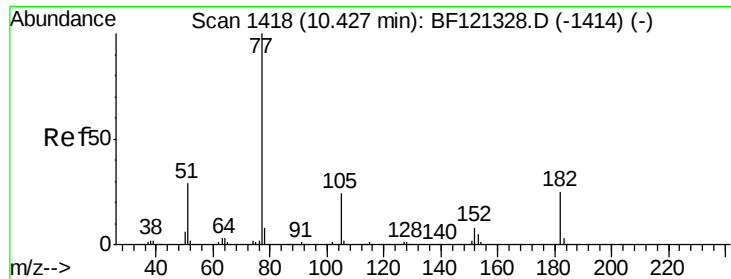
Sohil
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#62
4-Nitroaniline
Concen: 36.096 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion:	138	Resp:	220636
Ion Ratio	Lower	Upper	
138	100		
92	45.4	28.1	68.1
108	66.9	49.5	89.5





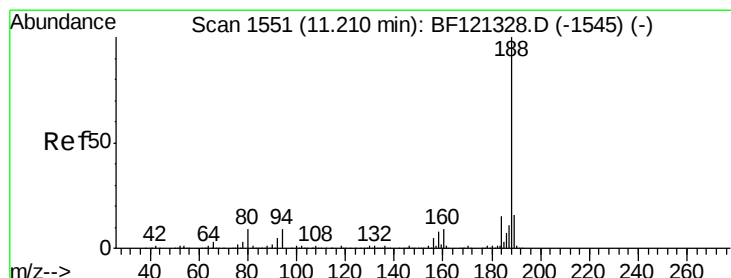
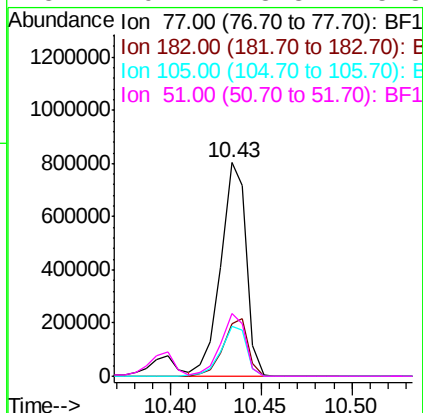
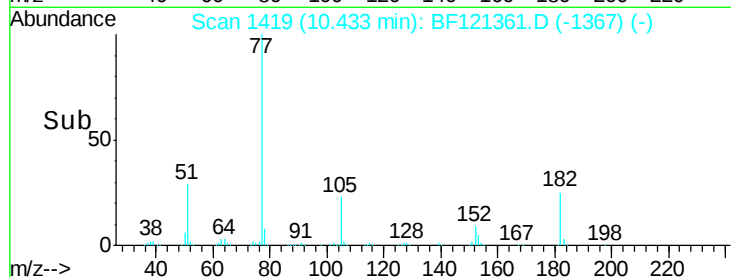
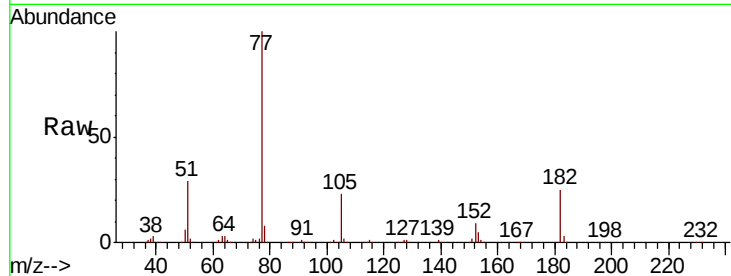
#63
Azobenzene
Concen: 38.717 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		784104		
182	24.9	5.0	45.0		
105	23.2	3.6	43.6		
51	29.1	8.8	48.8		

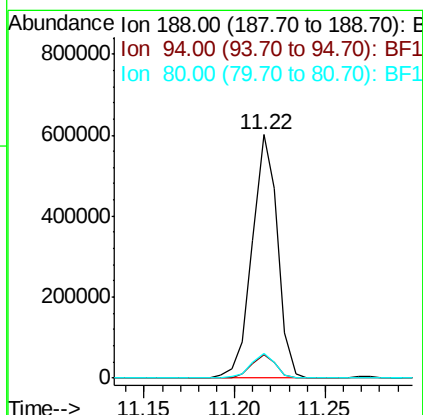
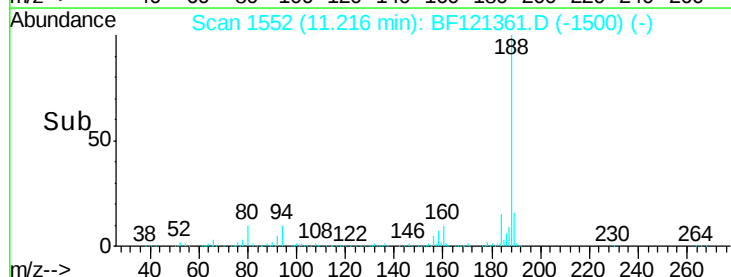
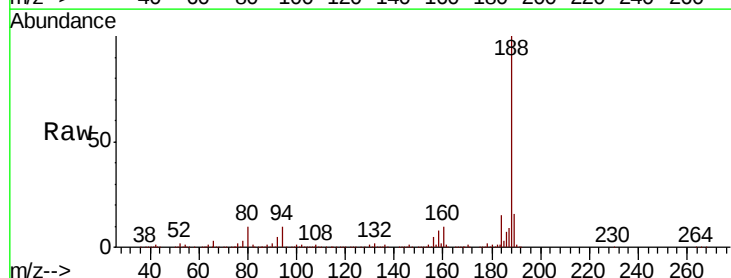
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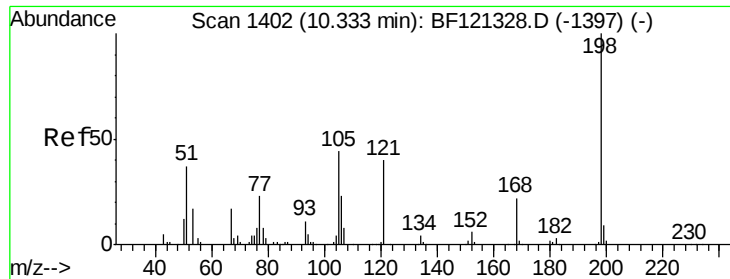
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		584454		
94	9.9	7.2	10.8		
80	10.1	7.4	11.0		





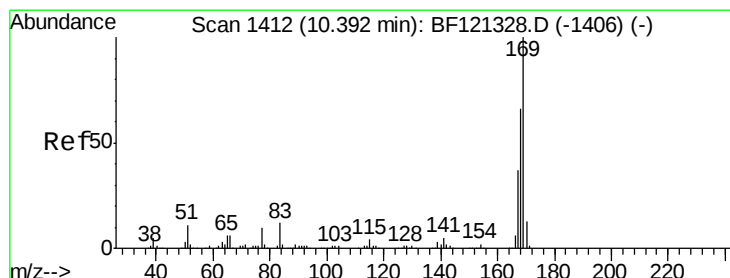
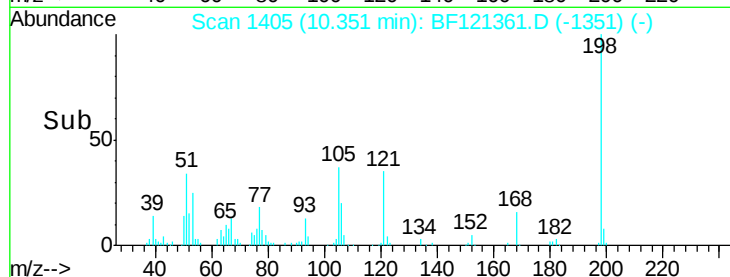
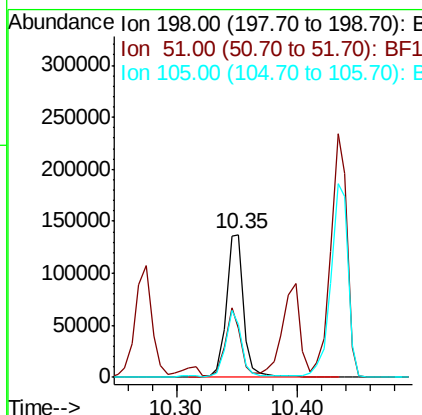
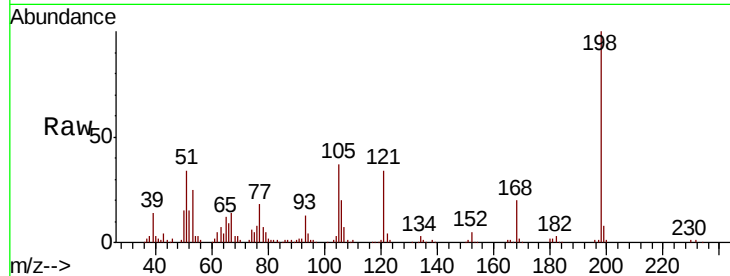
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.976 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.02 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	137452		
51	33.9	25.5	65.5	
105	37.2	24.9	64.9	

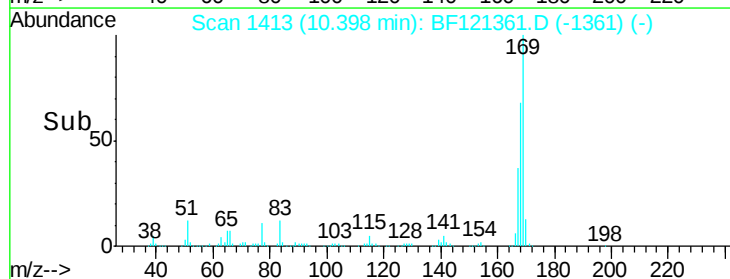
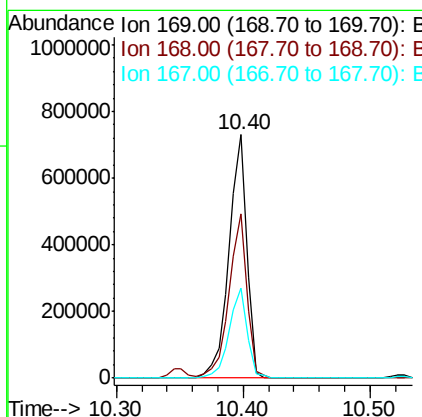
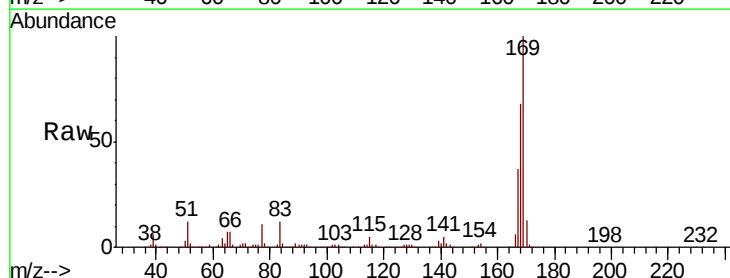
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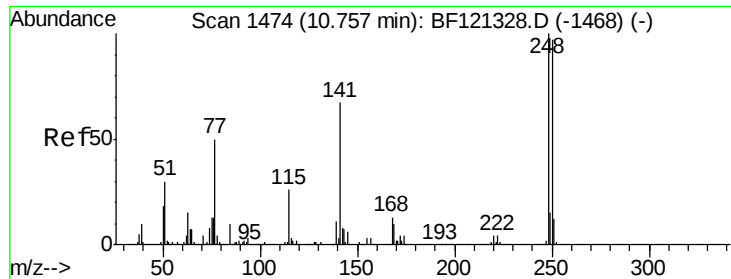
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#66
 n-Nitrosodiphenylamine
 Concen: 39.186 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	706445		
168	67.6	53.0	79.6	
167	37.1	29.5	44.3	





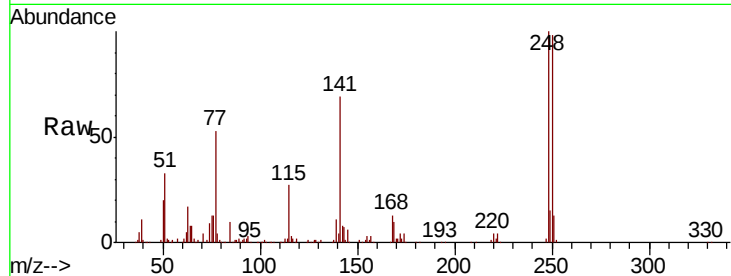
#67
4-Bromophenyl-phenylether
Concen: 37.979 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.9	116.9
141	68.8	53.5	80.3

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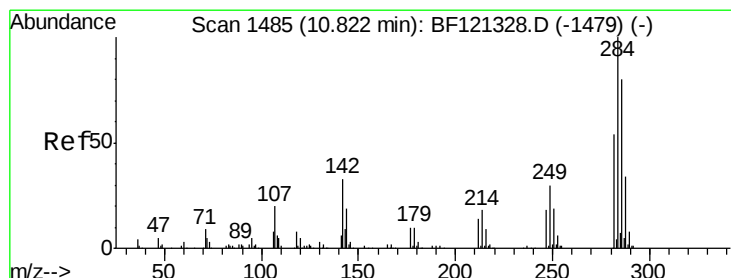
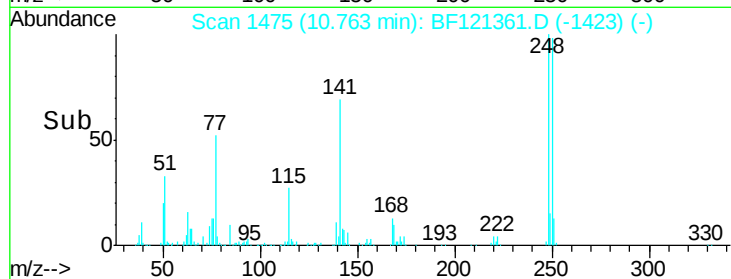
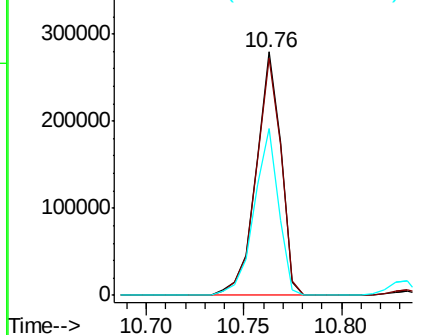


Abundance

Ion 248.00 (247.70 to 248.70): E

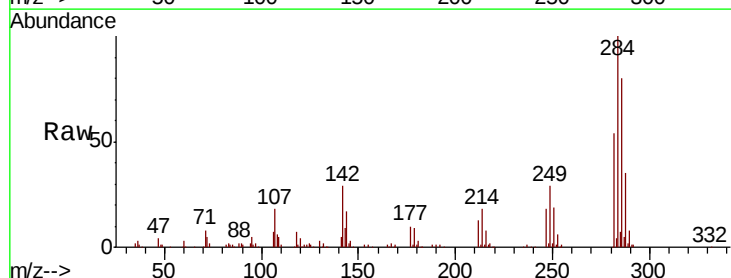
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.090 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	26.1	39.1
249	29.2	24.0	36.0

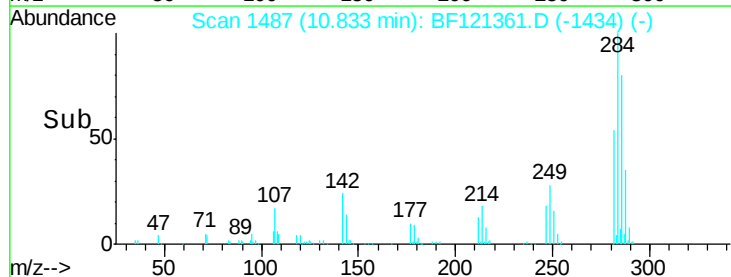
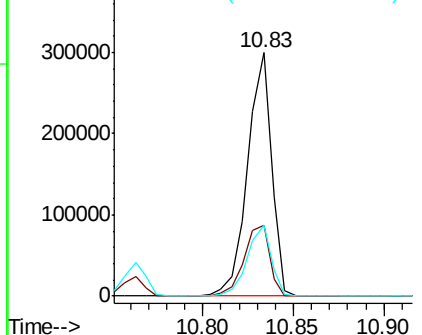


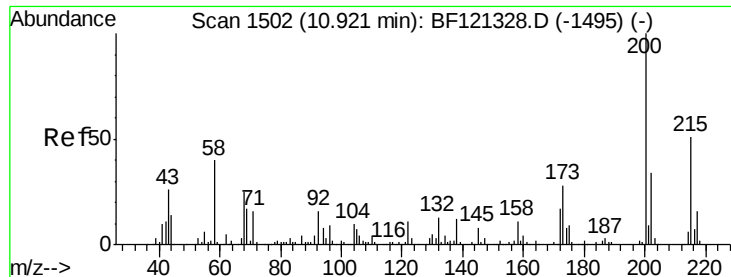
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





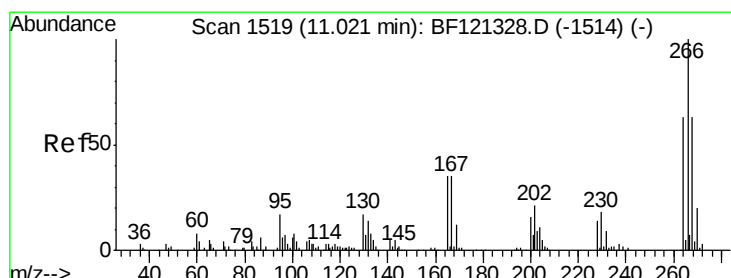
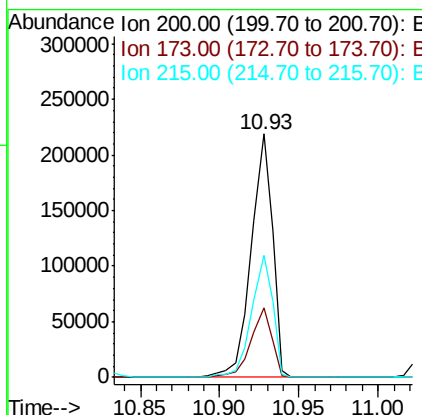
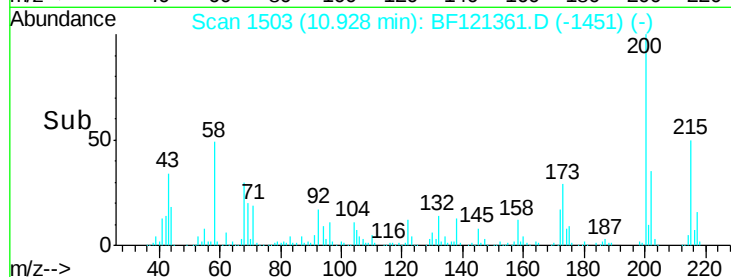
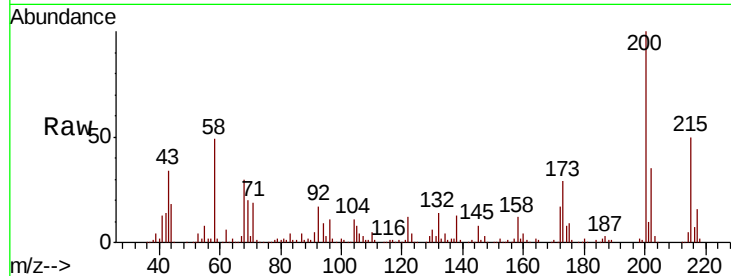
#69
Atrazine
Concen: 36.758 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.8	47.8
215	50.0	30.5	70.5

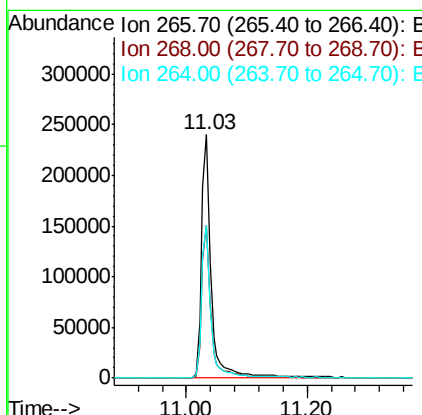
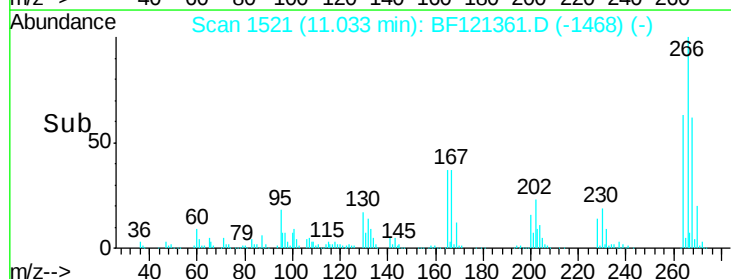
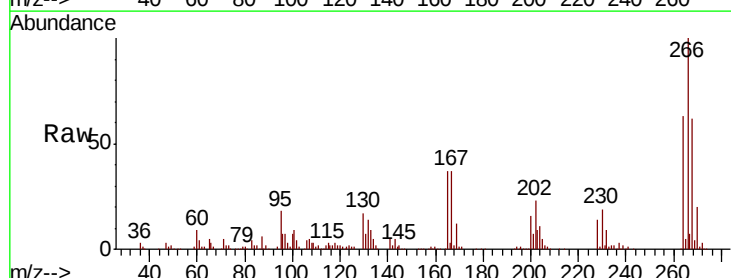
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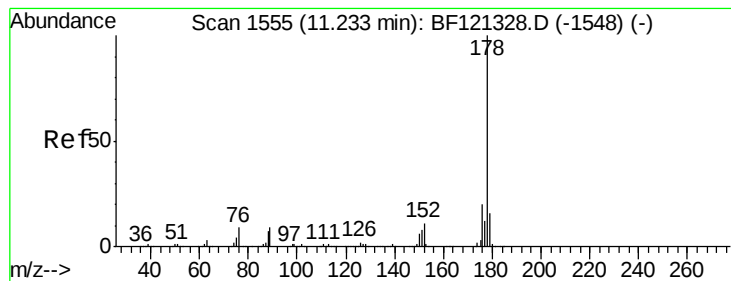
Sohil
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#70
Pentachlorophenol
Concen: 82.529 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.6	75.8
264	62.8	50.5	75.7





#71

Phenanthrene

Concen: 36.780 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

ClientSampleId :

PB131046BSD

Tot Ion:178 Resp: 1112553

Ion Ratio Lower Upper

178 100

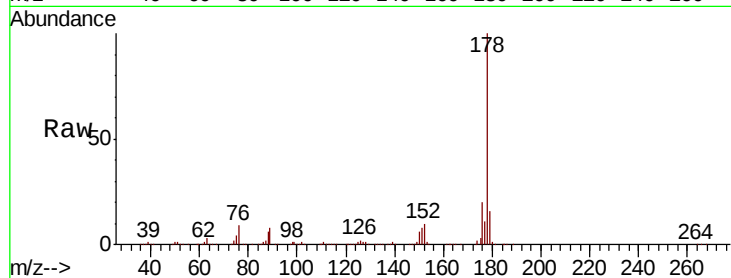
176 19.9 16.0 24.0

179 15.6 12.8 19.2

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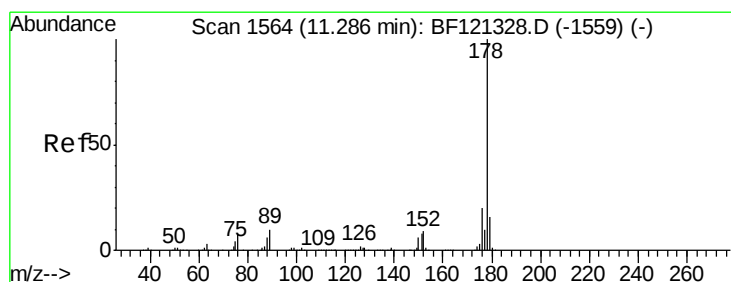
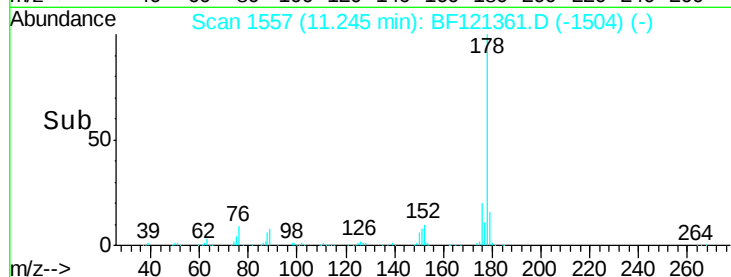
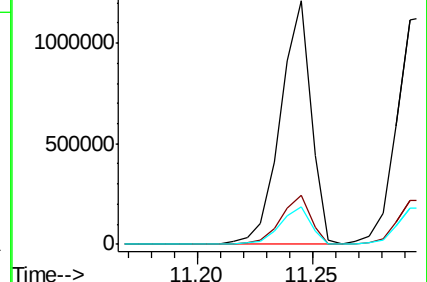
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.697 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:178 Resp: 1156308

Ion Ratio Lower Upper

178 100

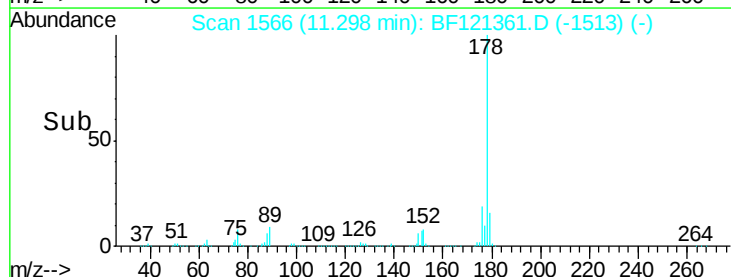
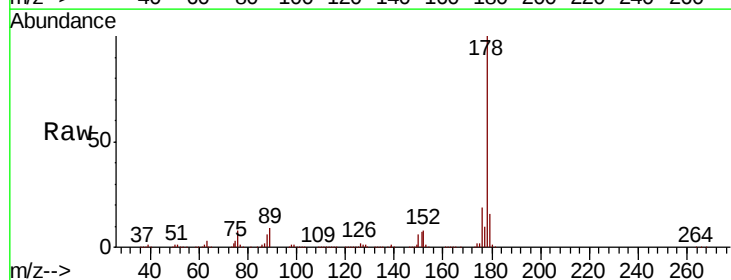
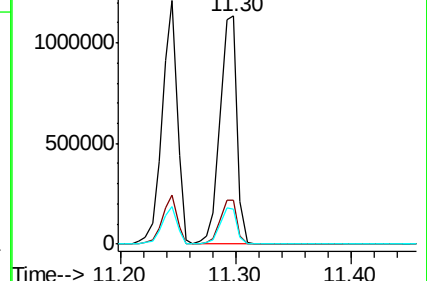
176 19.4 15.6 23.4

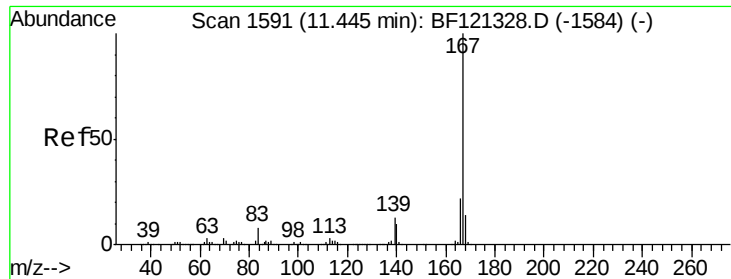
179 15.6 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





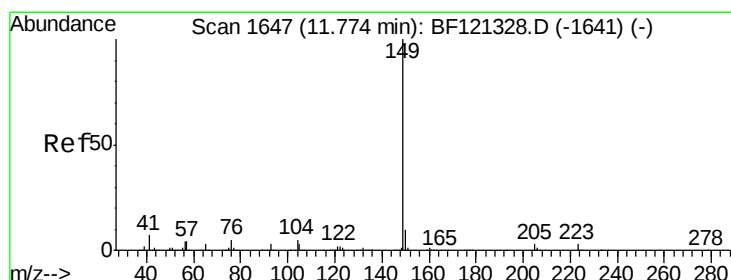
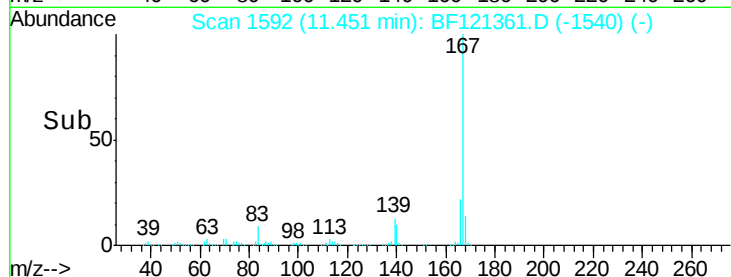
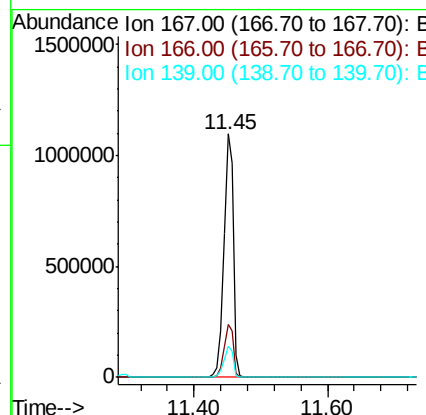
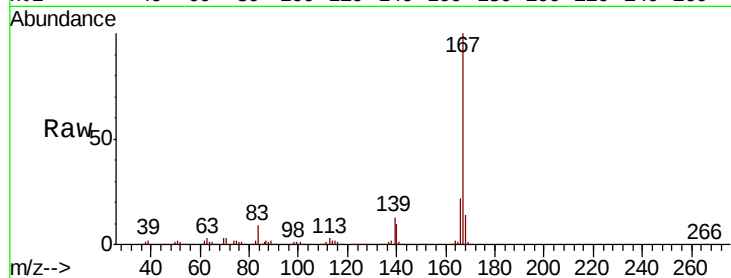
#73
 Carbazole
 Concen: 39.574 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.7	26.5	
139	12.9	10.2	15.2	

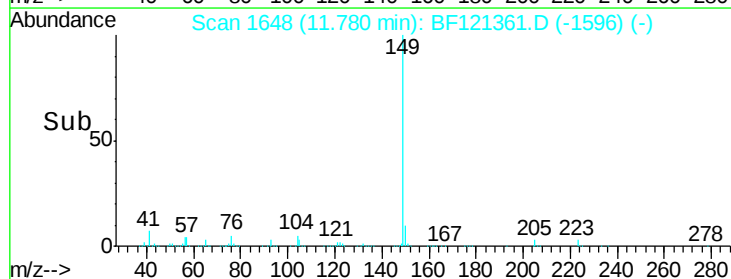
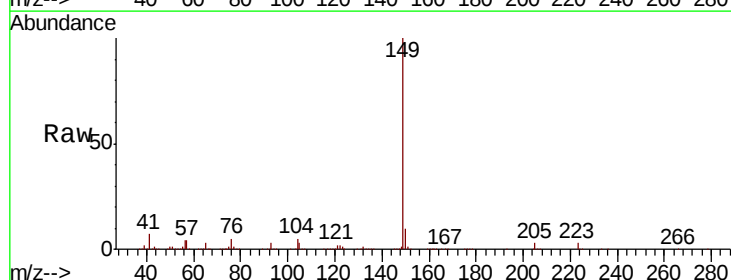
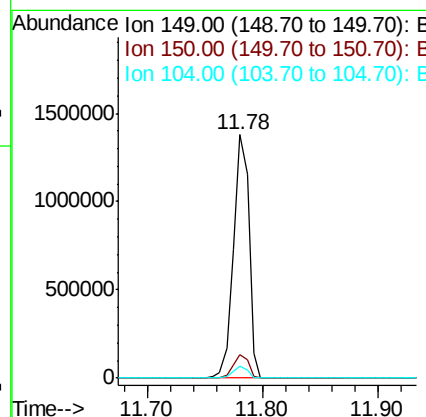
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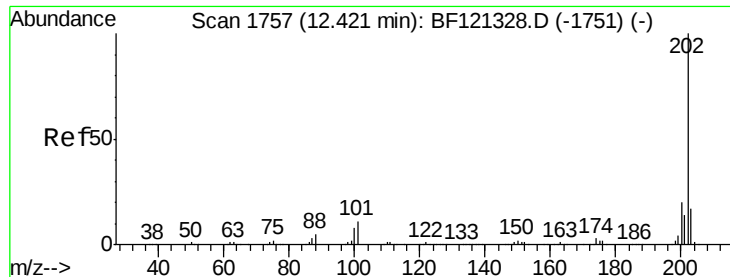
Sohil
 8/24/2020 1:49:59 PM



#74
 Di-n-butylphthalate
 Concen: 38.146 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.7	7.7	11.5	
104	4.9	3.9	5.9	





#75

Fluoranthene

Concen: 37.854 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

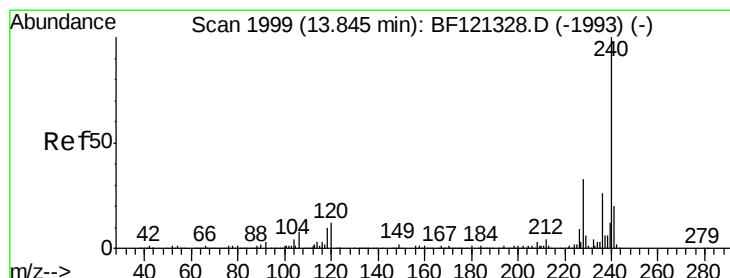
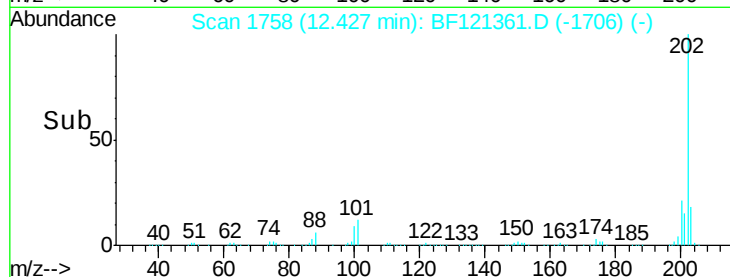
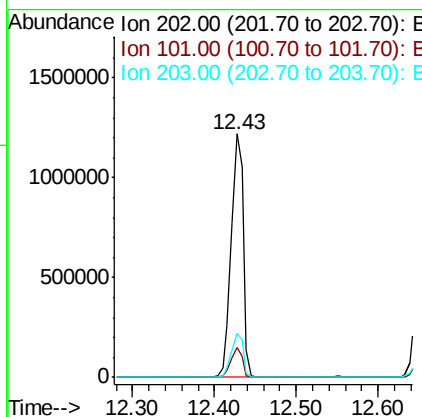
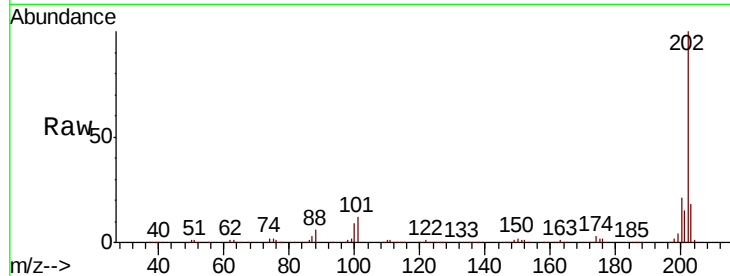
ClientSampleId :

PB131046BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1242818		
101	12.0	0.0	30.6	
203	18.2	0.0	37.5	

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#76

Chrysene-d12

Concen: 20.000 ng

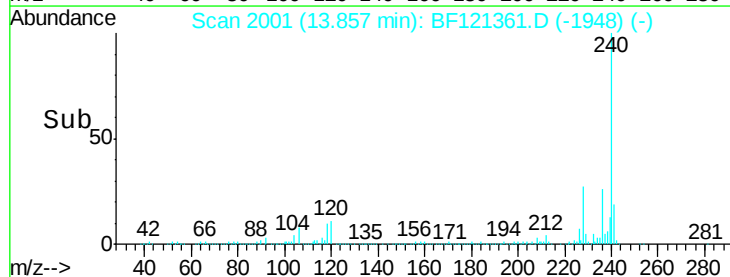
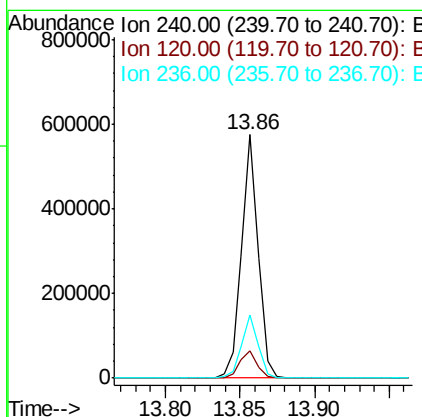
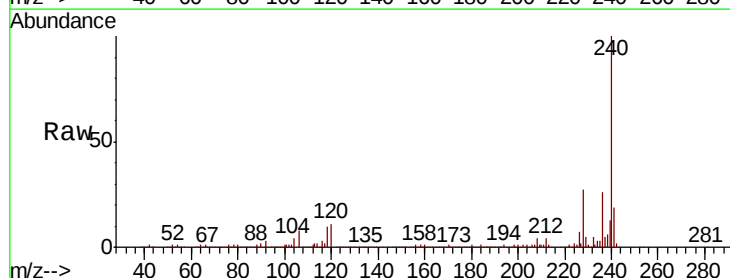
RT: 13.86 min Scan# 2001

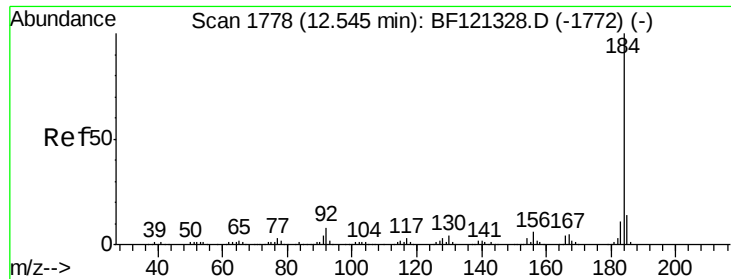
Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	448707		
120	11.3	9.6	14.4	
236	25.9	20.6	31.0	





#77

Benzidine

Concen: 64.601 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

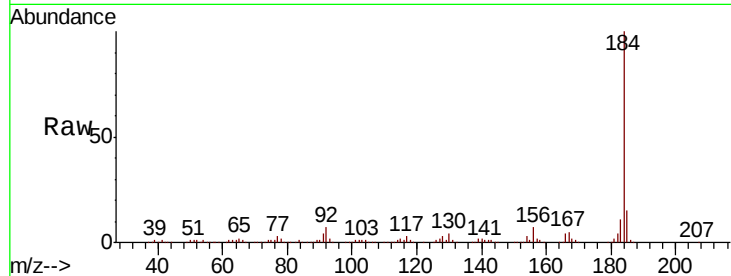
ClientSampleId :

PB131046BSD

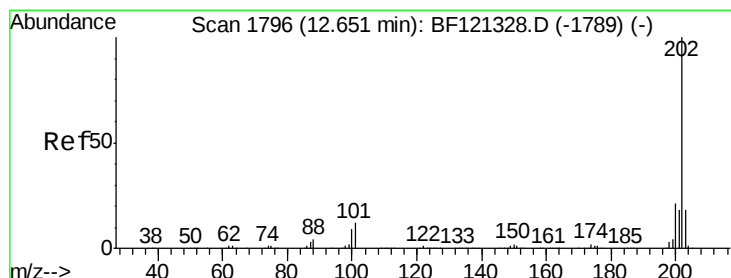
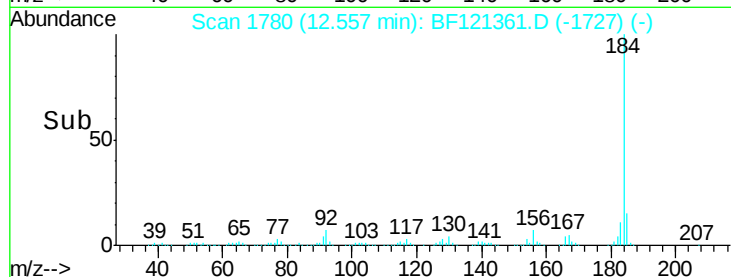
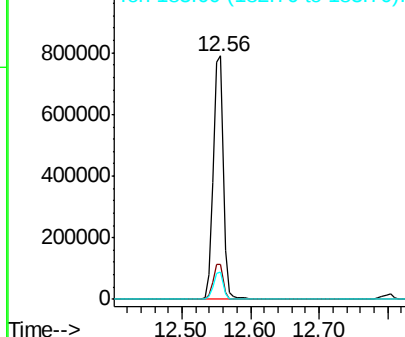
Tot Ion:	184	Resp:	798611
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.6	17.4
183	11.2	8.7	13.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.693 ng

RT: 12.66 min Scan# 1797

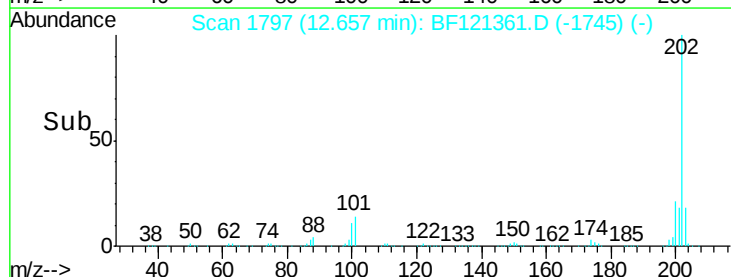
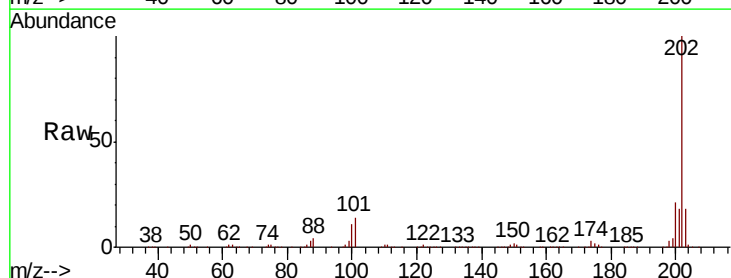
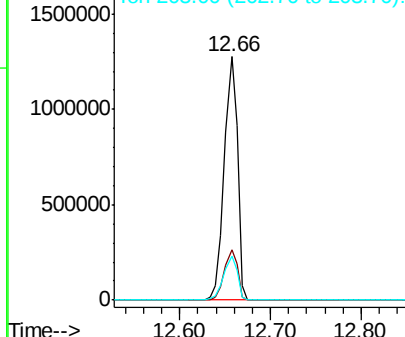
Delta R.T. 0.01 min

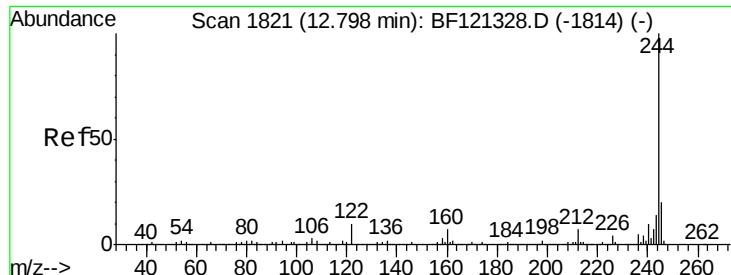
Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Tgt Ion:	202	Resp:	1270471
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	24.8
203	17.9	14.2	21.2

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.742 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

ClientSampleId :

PB131046BSD

Tot Ion:244 Resp: 1302891

Ion Ratio Lower Upper

244 100

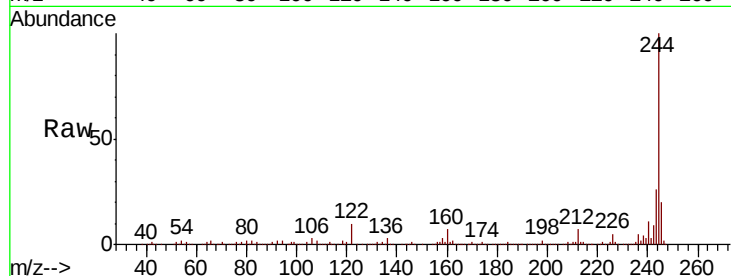
212 7.2 5.4 8.0

122 10.1 7.8 11.8

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

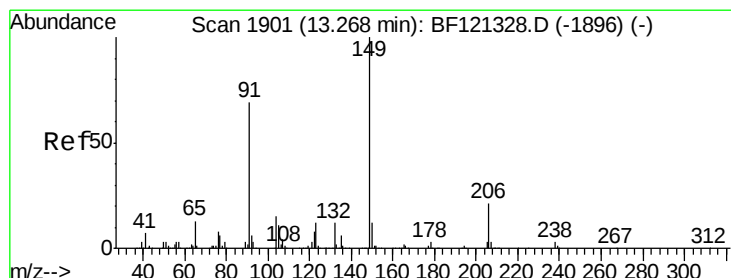
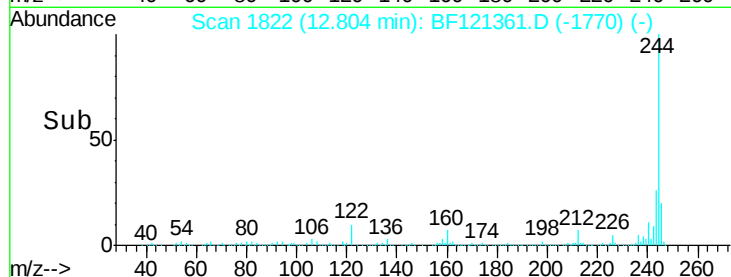
12.80

1000000

500000

0

Time--> 12.70 12.80 12.90



#80

Butylbenzylphthalate

Concen: 38.782 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

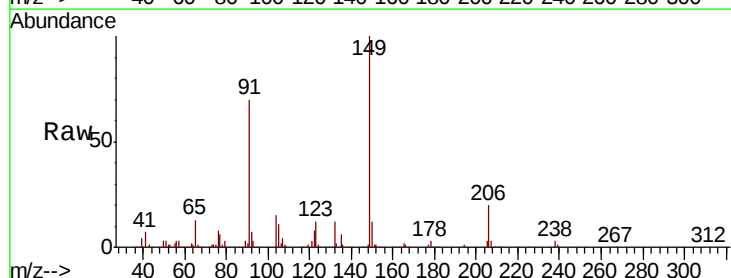
Tgt Ion:149 Resp: 561677

Ion Ratio Lower Upper

149 100

91 70.2 55.2 82.8

206 20.0 16.8 25.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.27

800000

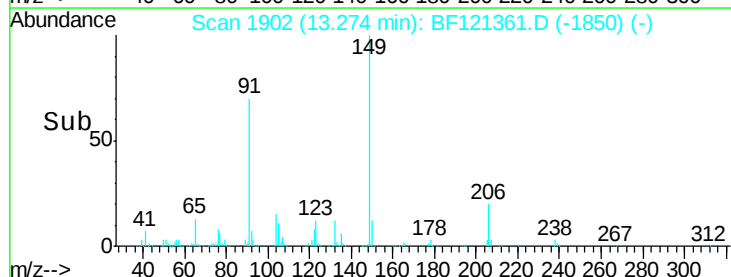
600000

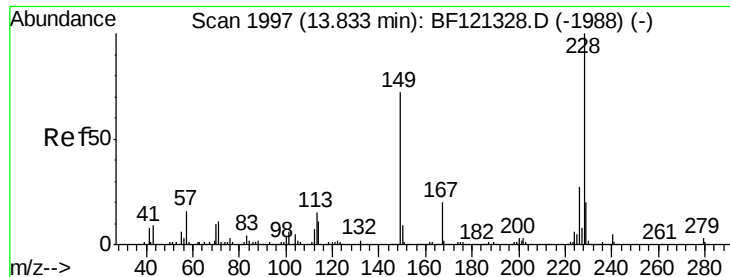
400000

200000

0

Time--> 13.20 13.25 13.30 13.35





#81

Benzo(a)anthracene

Concen: 36.376 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

Instrument :

BNA_F

ClientSampleId :

PB131046BSD

Tot Ion:228 Resp: 1013783

Ion Ratio Lower Upper

228 100

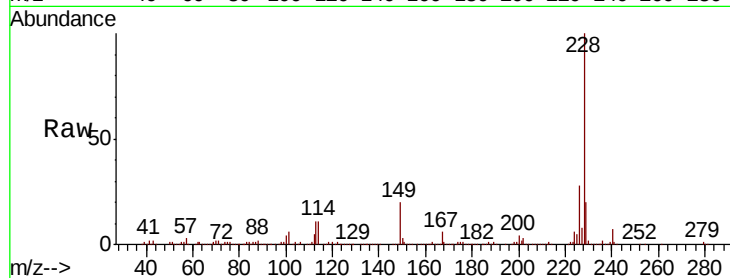
226 28.0 21.8 32.6

229 20.0 15.8 23.8

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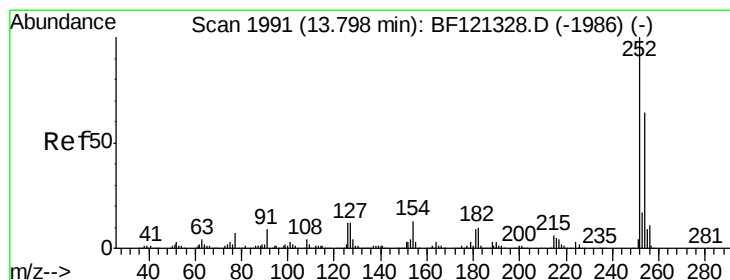
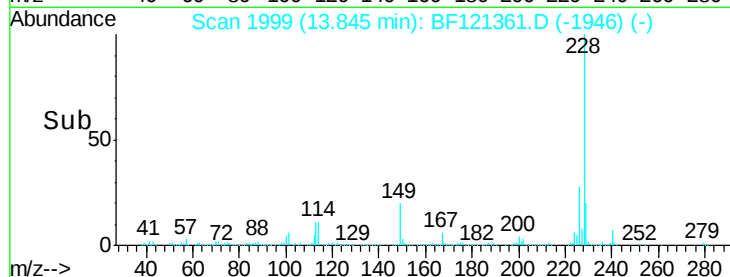
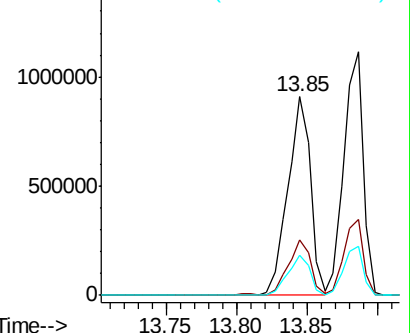
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Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.212 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BF121361.D

Acq: 21 Aug 2020 11:06

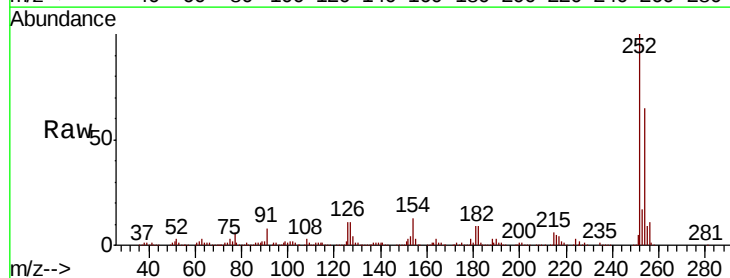
Tgt Ion:252 Resp: 355389

Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

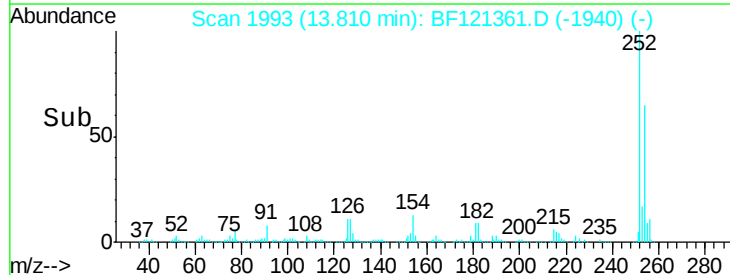
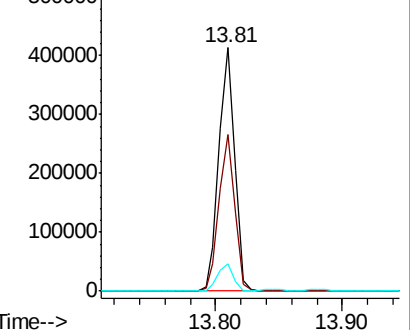
126 11.4 9.8 14.8

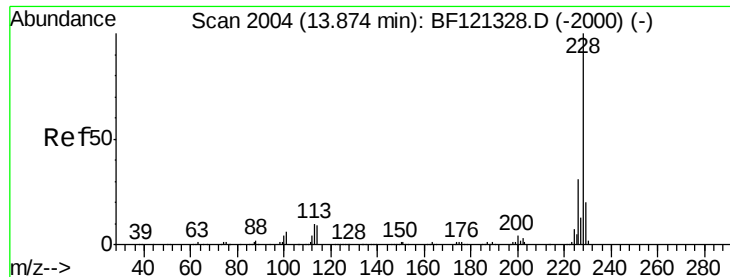


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





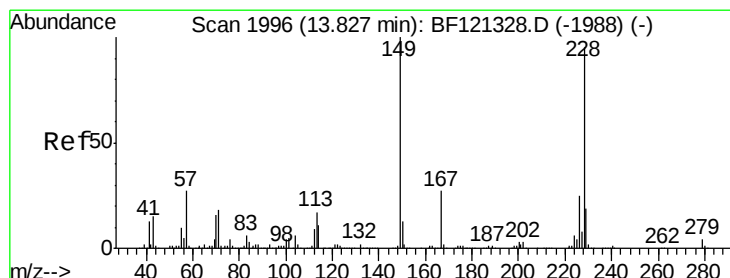
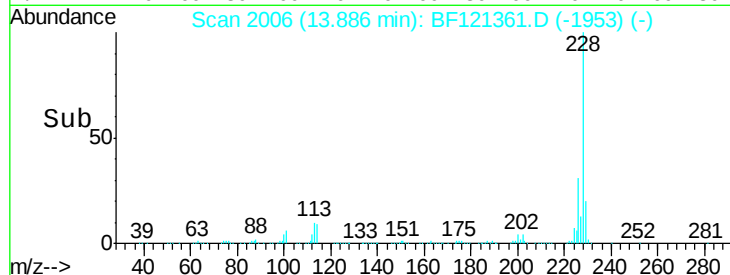
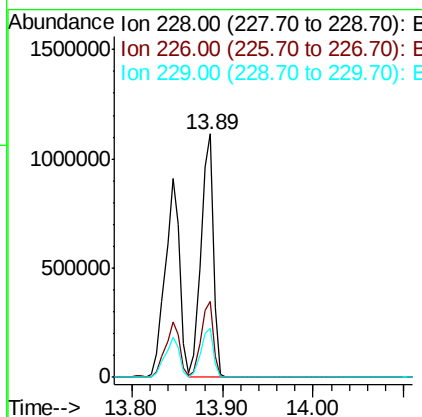
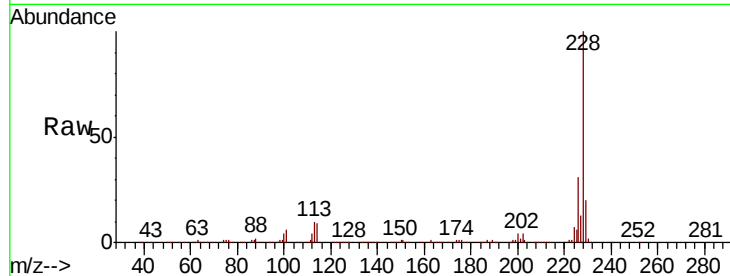
#83
 Chrvsene
 Concen: 37.478 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	36.8
229	20.0	15.9	23.9

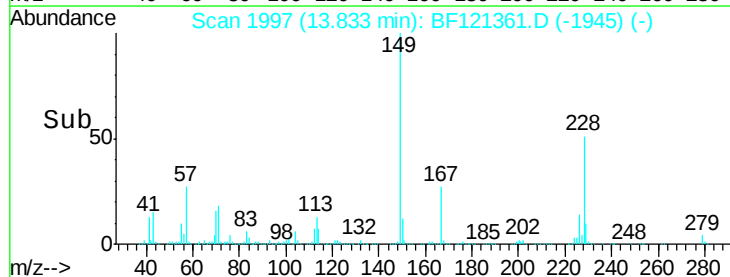
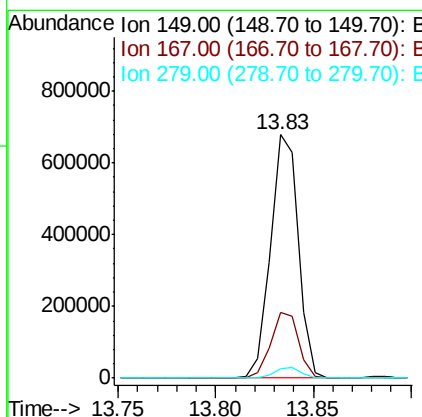
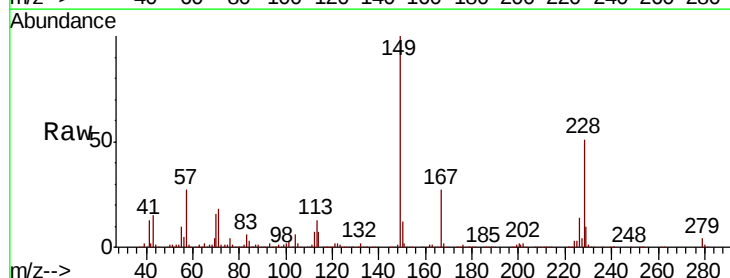
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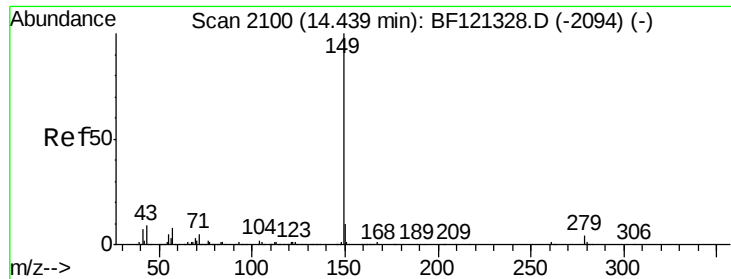
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.325 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	3.7	2.9	4.3





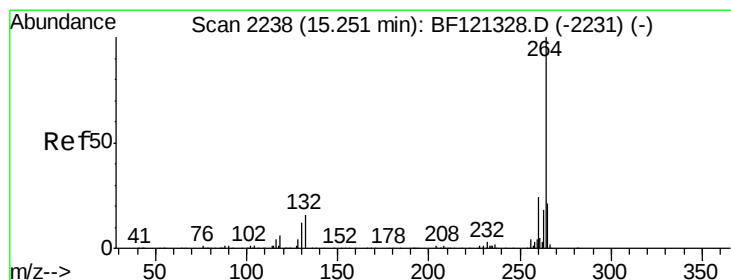
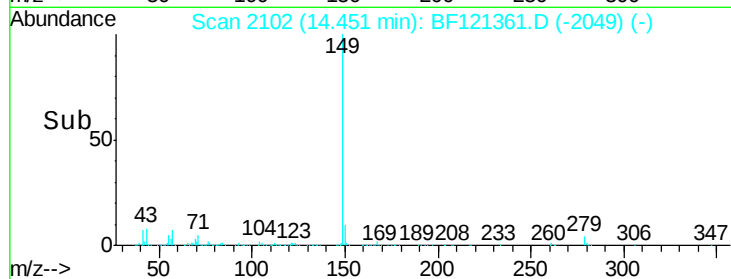
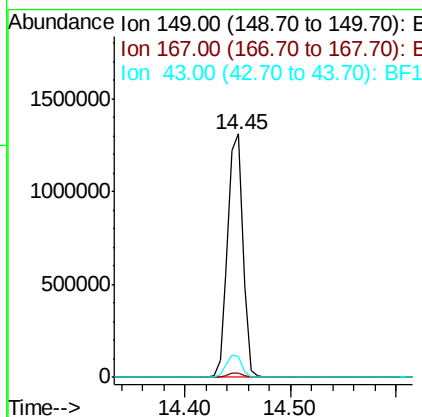
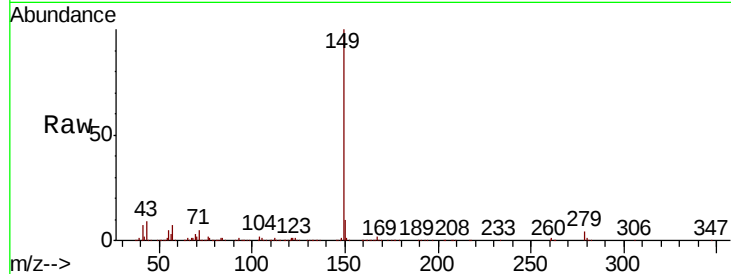
#85
Di-n-octyl phthalate
Concen: 41.714 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.1	10.7

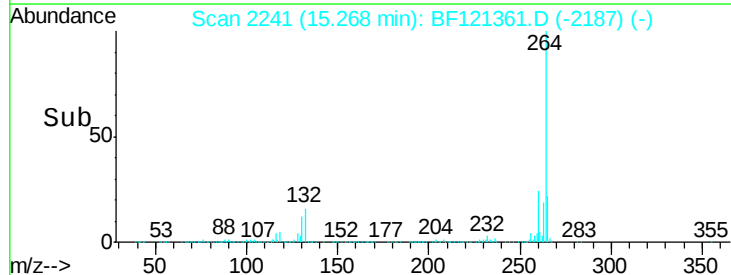
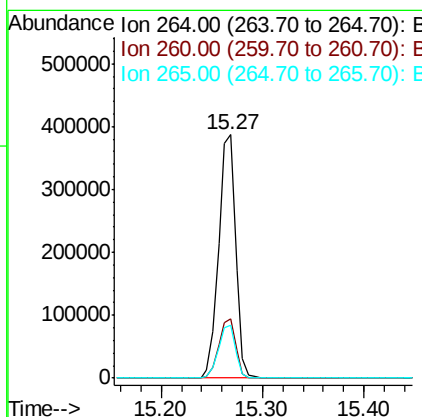
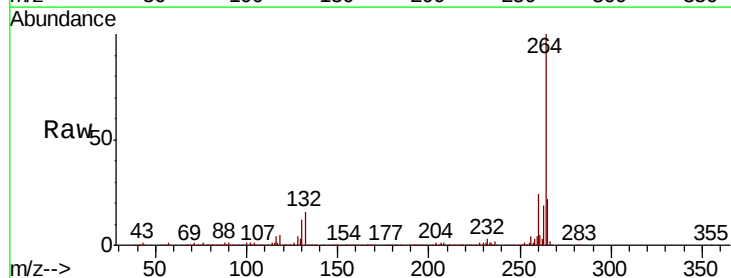
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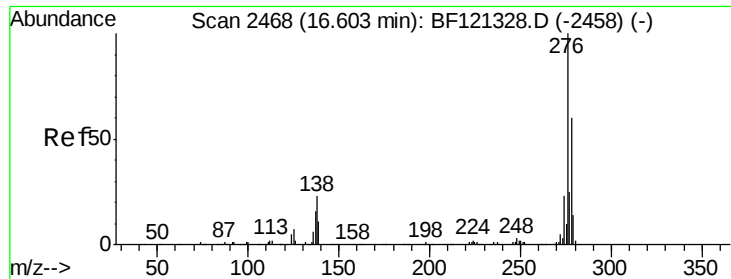
Sohil
8/24/2020 1:49:59 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	17.1	25.7





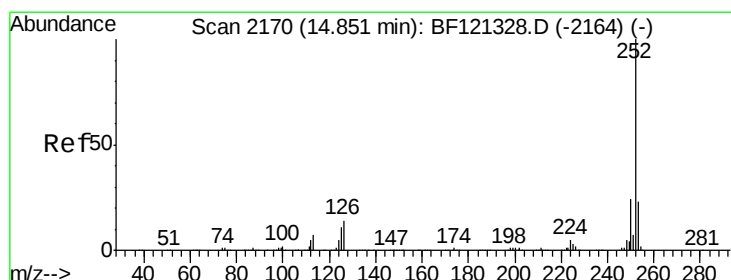
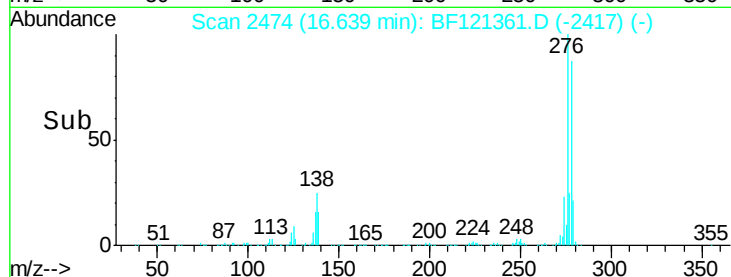
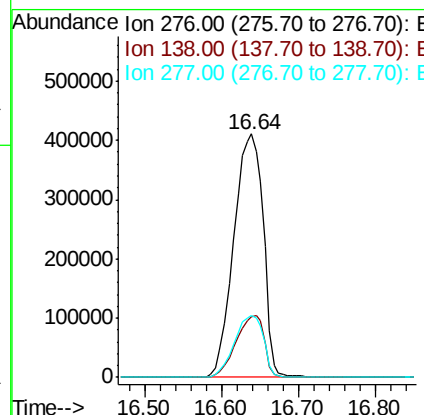
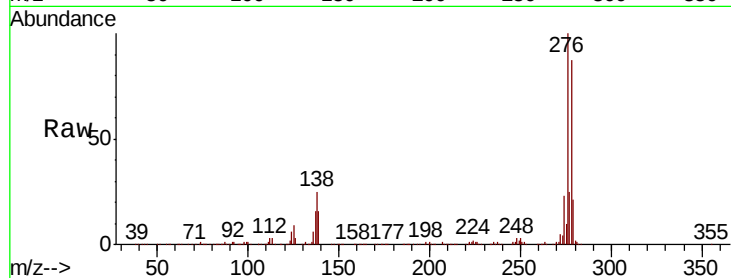
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.742 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.0
277	25.2	19.9	29.9

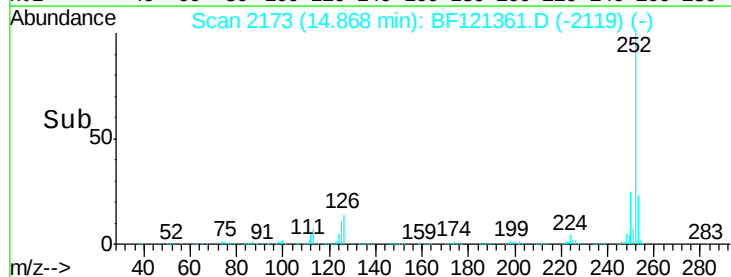
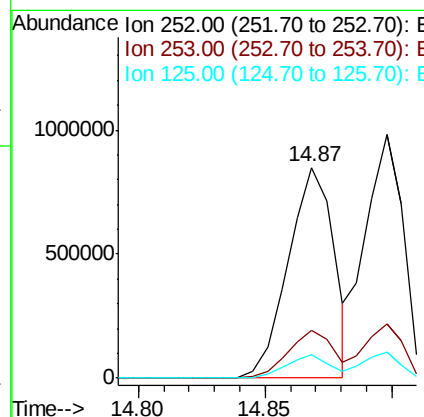
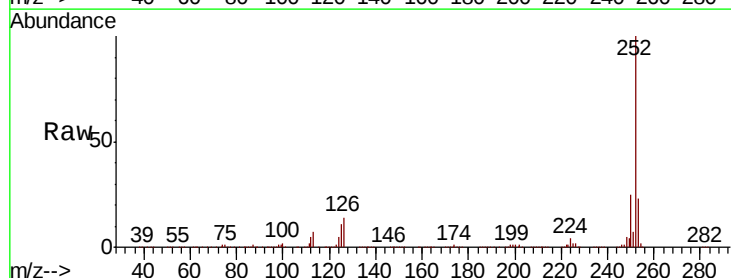
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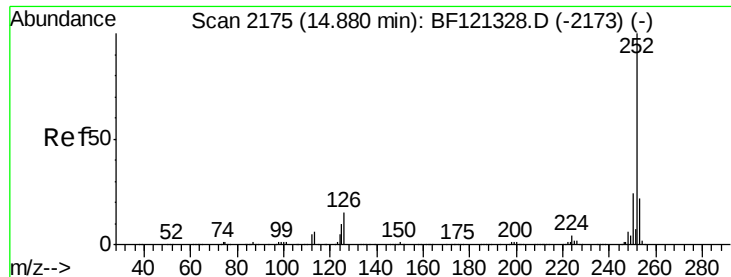
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 36.580 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. 0.02 min
 Lab File: BF121361.D
 Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.9	8.6	12.8





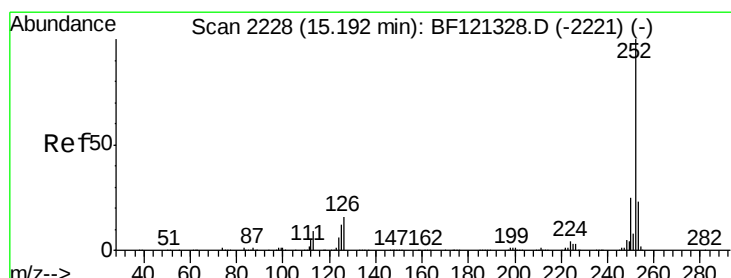
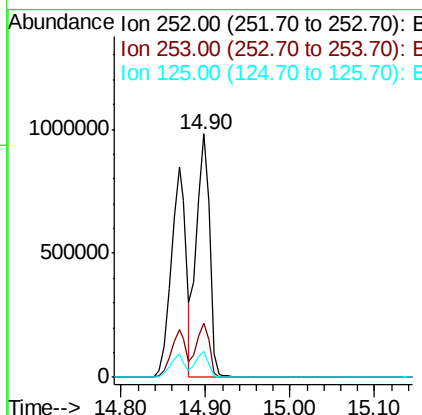
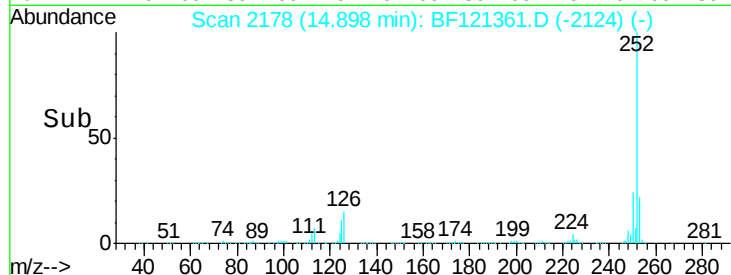
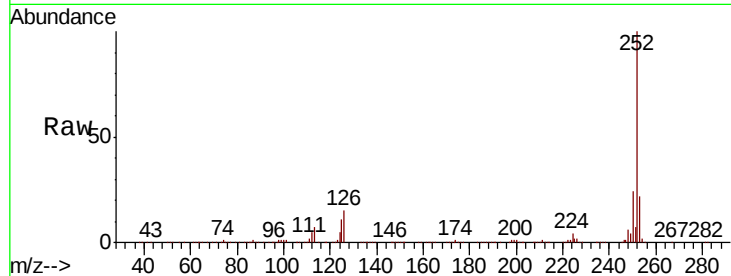
#89
Benzo(k)fluoranthene
Concen: 40.238 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.02 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.6	8.6	12.8

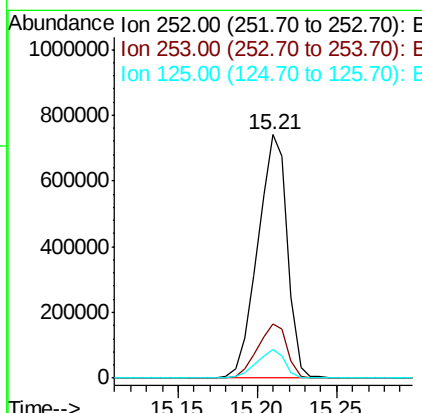
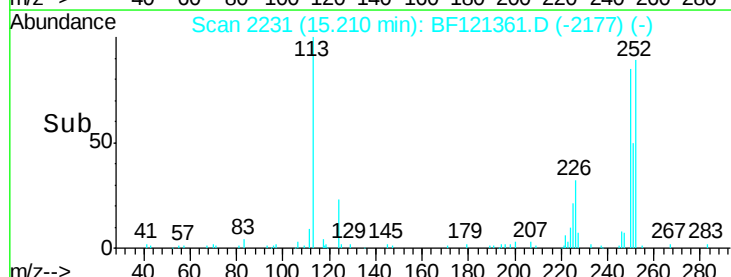
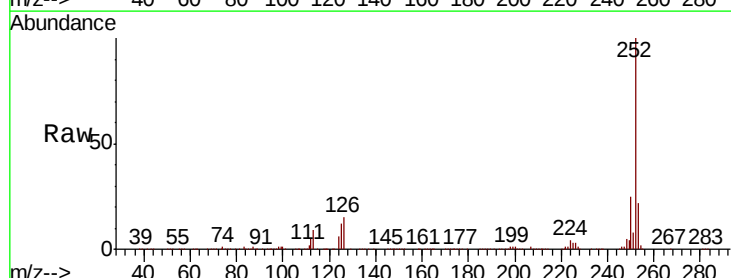
Manual Integrations
APPROVED

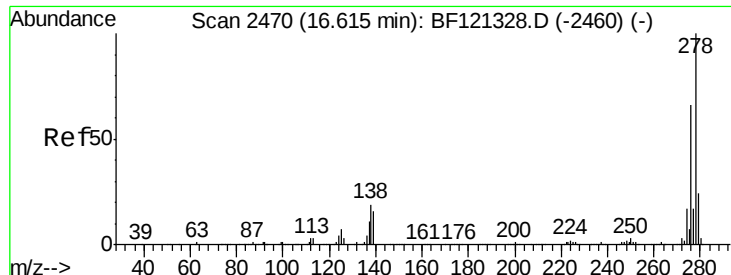
Sohil
8/24/2020 1:49:59 PM



#90
Benzo(a)pyrene
Concen: 38.314 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.7	9.4	14.0





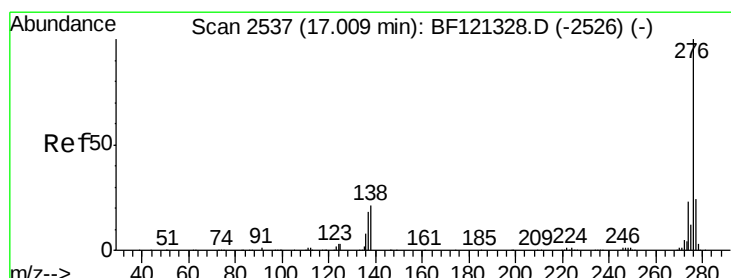
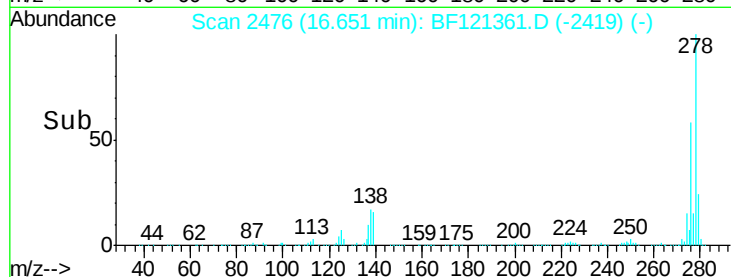
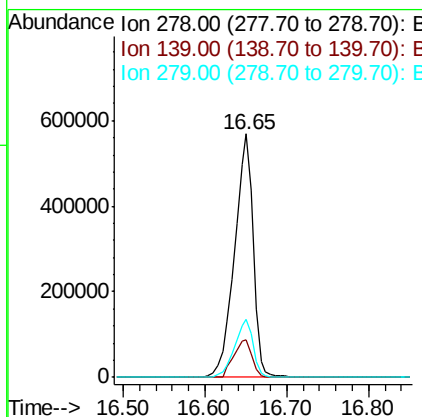
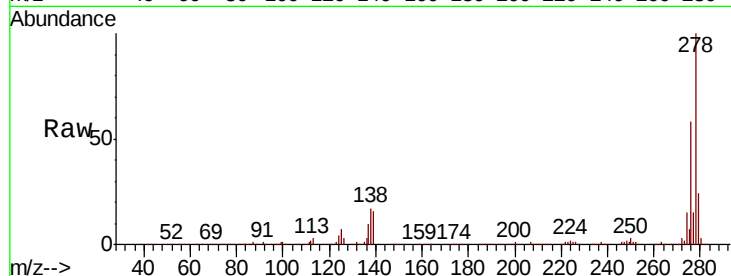
#91
Dibenzo(a,h)anthracene
Concen: 40.071 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.04 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB131046BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	23.9	19.4	29.2

Manual Integrations
APPROVED

Sohil
8/24/2020 1:49:59 PM



#92
Benzo(g,h,i)perylene
Concen: 41.594 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.04 min
Lab File: BF121361.D
Acq: 21 Aug 2020 11:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	21.0	16.8	25.2

